

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041423\
 Data File : VX035067.D
 Acq On : 13 Apr 2023 16:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 14 05:42:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/14/2023
 Supervised By : Mahesh Dadoda 04/14/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	278677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	454603	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	404405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	195286	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	182076	42.721	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.440%		
35) Dibromofluoromethane	5.385	113	142303	47.326	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.660%		
50) Toluene-d8	8.646	98	522642	47.092	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.180%		
62) 4-Bromofluorobenzene	11.079	95	203592	47.404	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	196919	70.847	ug/l	100
3) Chloromethane	1.300	50	186985	53.730	ug/l	99
4) Vinyl Chloride	1.373	62	192142	55.762	ug/l	99
5) Bromomethane	1.605	94	86701	38.721	ug/l	93
6) Chloroethane	1.678	64	109782	48.969	ug/l	98
7) Trichlorofluoromethane	1.886	101	258368	46.641	ug/l	99
8) Diethyl Ether	2.129	74	101023	51.729	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.324	101	163111	56.336	ug/l	98
10) Methyl Iodide	2.446	142	192467	53.380	ug/l	95
11) Tert butyl alcohol	2.971	59	183300	245.127	ug/l	99
12) 1,1-Dichloroethene	2.318	96	155392	54.315	ug/l	98
13) Acrolein	2.233	56	239596	311.259	ug/l	100
14) Allyl chloride	2.660	41	300595	53.631	ug/l	98
15) Acrylonitrile	3.062	53	504077	299.476	ug/l	100
16) Acetone	2.379	43	420105	242.646	ug/l	98
17) Carbon Disulfide	2.507	76	371777	51.887	ug/l	100
18) Methyl Acetate	2.702	43	374693	60.910	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	575302	54.313	ug/l	97
20) Methylene Chloride	2.788	84	179862	52.645	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	169904	54.453	ug/l	96
22) Diisopropyl ether	3.757	45	606503	53.629	ug/l	90
23) Vinyl Acetate	3.721	43	2250382	279.009	ug/l	100
24) 1,1-Dichloroethane	3.605	63	324489	53.327	ug/l	98
25) 2-Butanone	4.550	43	715037	283.916	ug/l	99
26) 2,2-Dichloropropane	4.470	77	249823	49.925	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	199367	53.924	ug/l	100
28) Bromochloromethane	4.897	49	149554	50.244	ug/l	96
29) Tetrahydrofuran	5.001	42	472616	299.556	ug/l	100
30) Chloroform	5.092	83	327107	52.927	ug/l	100
31) Cyclohexane	5.464	56	287719	55.441	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	283794	53.809	ug/l	99
36) 1,1-Dichloropropene	5.690	75	251139	56.376	ug/l	99
37) Ethyl Acetate	4.708	43	281045	60.337	ug/l	98
38) Carbon Tetrachloride	5.678	117	242752	57.799	ug/l	98
39) Methylcyclohexane	7.378	83	266660	56.371	ug/l	95
40) Benzene	6.037	78	720086	56.311	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	160554	63.381	ug/l	96
42) 1,2-Dichloroethane	6.080	62	268048	52.724	ug/l	99
43) Isopropyl Acetate	6.336	43	451711	57.965	ug/l	99
44) Trichloroethene	7.122	130	190239	58.279	ug/l	97
45) 1,2-Dichloropropane	7.427	63	186389	55.934	ug/l	98
46) Dibromomethane	7.580	93	126220	55.051	ug/l	97
47) Bromodichloromethane	7.817	83	238108	56.223	ug/l	98
48) Methyl methacrylate	7.689	41	226606	59.212	ug/l	97
49) 1,4-Dioxane	7.671	88	86952	1102.494	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	1387524	300.847	ug/l	99
52) Toluene	8.720	92	455333	54.611	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	263566	57.851	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	289534	58.071	ug/l	97
55) 1,1,2-Trichloroethane	9.152	97	178894	56.690	ug/l	98
56) Ethyl methacrylate	9.116	69	298738	60.421	ug/l	96
57) 1,3-Dichloropropane	9.305	76	311709	55.776	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	766357	304.412	ug/l	98
59) 2-Hexanone	9.427	43	1046230	299.919	ug/l	98
60) Dibromochloromethane	9.518	129	177455	59.032	ug/l	99
61) 1,2-Dibromoethane	9.610	107	192349	58.617	ug/l	100
64) Tetrachloroethene	9.274	164	167559	57.897	ug/l	99
65) Chlorobenzene	10.079	112	479731	57.015	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	171638	59.323	ug/l	99
67) Ethyl Benzene	10.195	91	871320	57.163	ug/l	99
68) m/p-Xylenes	10.299	106	663355	113.928	ug/l	99
69) o-Xylene	10.640	106	324231	56.843	ug/l	99
70) Styrene	10.652	104	542831	59.615	ug/l	98
71) Bromoform	10.799	173	121342	61.663	ug/l #	100
73) Isopropylbenzene	10.963	105	825741	57.725	ug/l	100
74) N-amyl acetate	10.841	43	391260	60.834	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	268760	57.325	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	225021m	57.186	ug/l	
77) Bromobenzene	11.201	156	200906	56.682	ug/l	97
78) n-propylbenzene	11.305	91	930665	56.319	ug/l	99
79) 2-Chlorotoluene	11.366	91	584479	56.020	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	687193	57.456	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	74797	56.968	ug/l	92
82) 4-Chlorotoluene	11.457	91	682106	56.298	ug/l	99
83) tert-Butylbenzene	11.713	119	655905	58.400	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	694489	57.099	ug/l	100
85) sec-Butylbenzene	11.890	105	776052	56.797	ug/l	99
86) p-Isopropyltoluene	12.012	119	664982	58.366	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	373145	57.807	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	379465	56.285	ug/l	99
89) n-Butylbenzene	12.335	91	566622	56.923	ug/l	99
90) Hexachloroethane	12.542	117	102415	58.018	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	366327	56.665	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	62709	64.079	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	223469	61.117	ug/l	100
94) Hexachlorobutadiene	13.725	225	89119	55.415	ug/l	99
95) Naphthalene	13.774	128	825173	63.513	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	224878	60.987	ug/l	98

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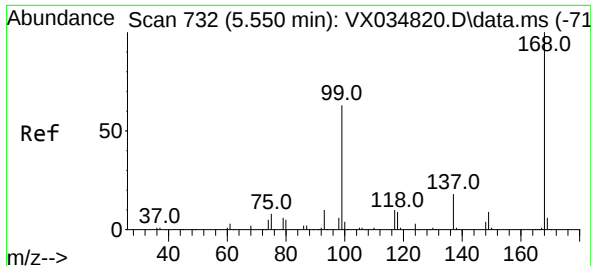
Manual Integrations
APPROVED

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Supervised By : Mahesh Dadoda 04/14/2023

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Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration

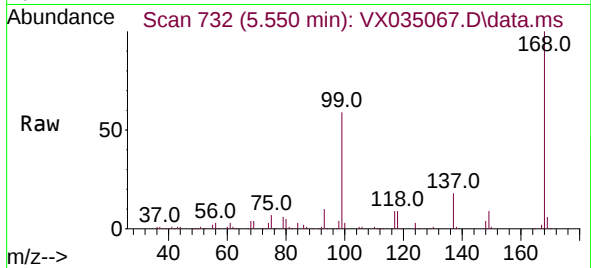
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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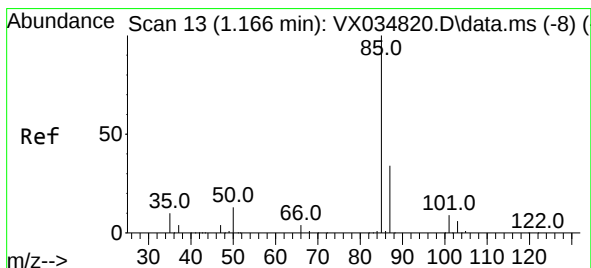
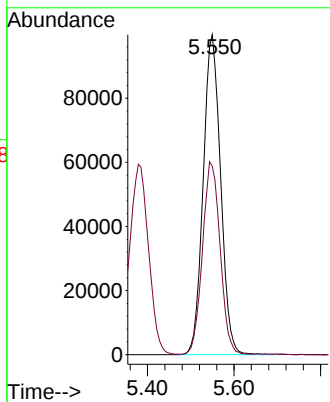
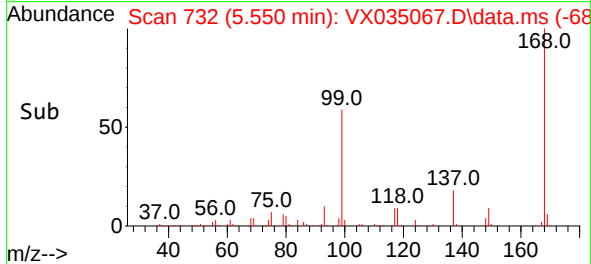
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



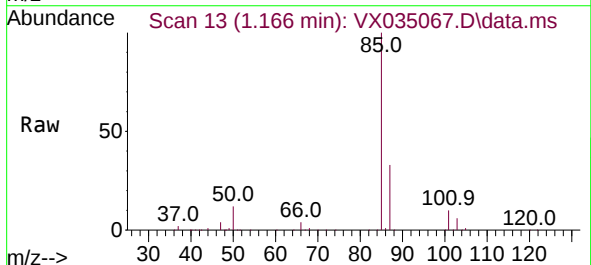
Tgt Ion:168 Resp: 27867
Ion Ratio Lower Upper
168 100
99 58.7 45.7 68.5

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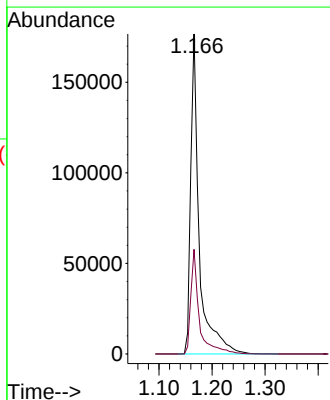
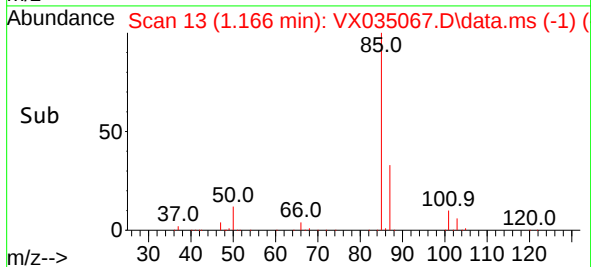
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

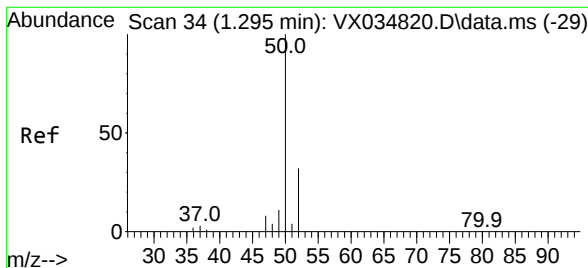


#2
Dichlorodifluoromethane
Concen: 70.847 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49



Tgt Ion: 85 Resp: 196919
Ion Ratio Lower Upper
85 100
87 32.7 16.4 49.1





#3

Chloromethane

Concen: 53.730 ug/l

RT: 1.300 min Scan# 34

Delta R.T. 0.006 min

Lab File: VX035067.D

Acq: 13 Apr 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 18698

Ion Ratio Lower Upper

50 100

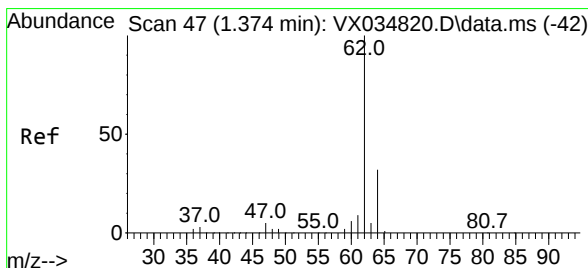
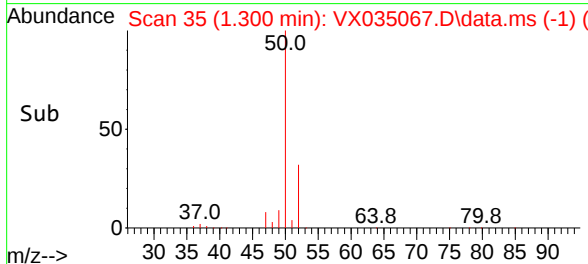
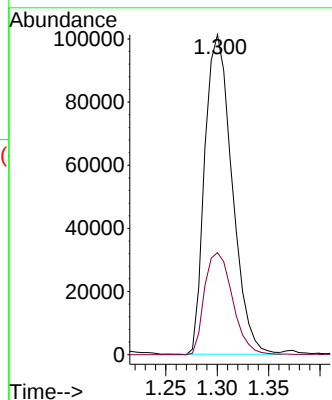
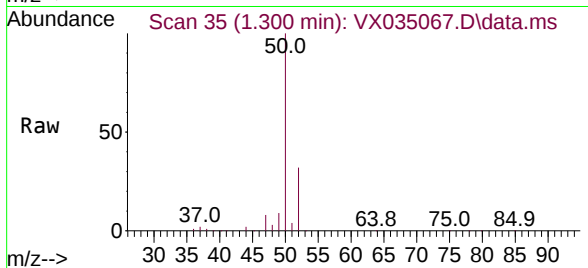
52 32.0 25.9 38.9

Manual Integrations

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Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#4

Vinyl Chloride

Concen: 55.762 ug/l

RT: 1.373 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX035067.D

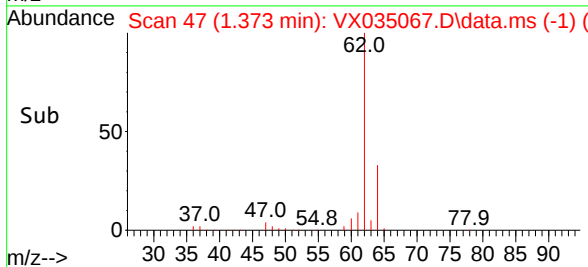
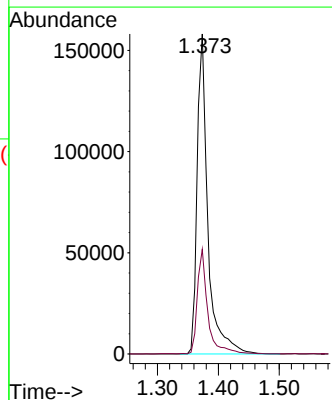
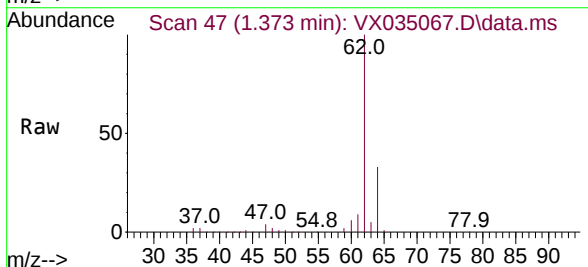
Acq: 13 Apr 2023 16:49

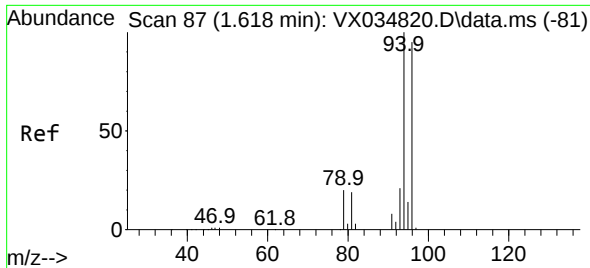
Tgt Ion: 62 Resp: 192142

Ion Ratio Lower Upper

62 100

64 32.7 26.4 39.6





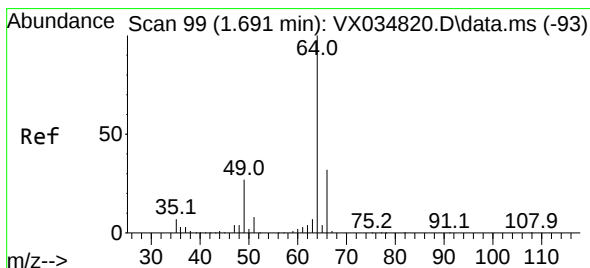
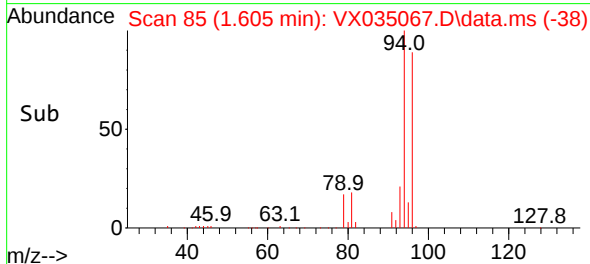
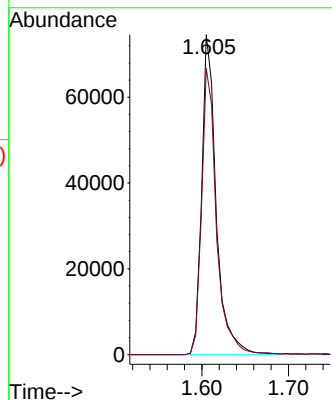
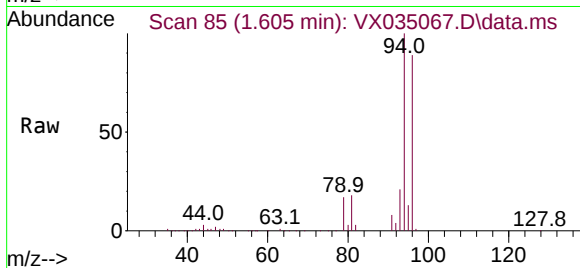
#5
Bromomethane
Concen: 38.721 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.013 min
Lab File: VX035067.D
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Tgt Ion: 94 Resp: 8670
Ion Ratio Lower Upper
94 100
96 89.4 77.0 115.6

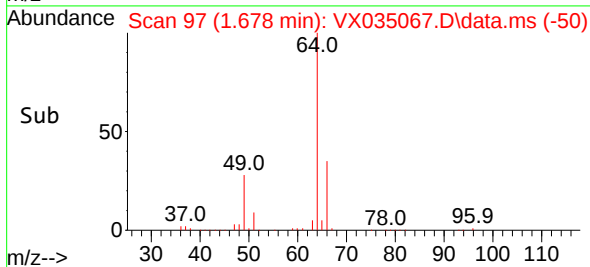
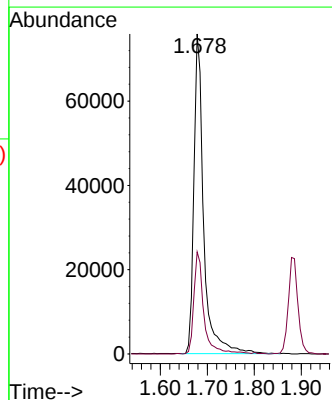
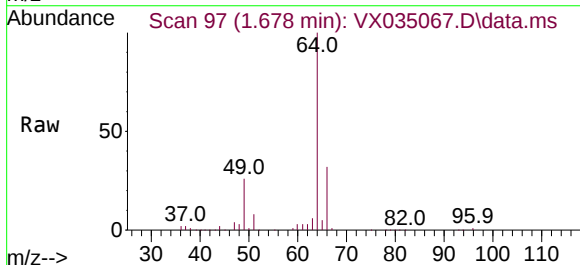
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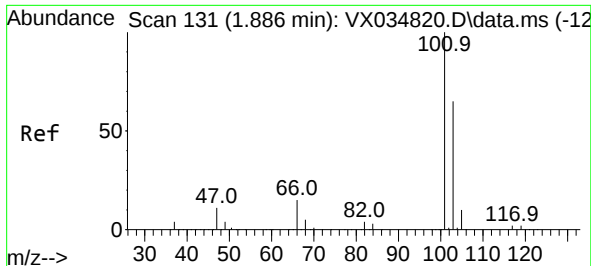
Reviewed By :John Carlone 04/14/2023
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#6
Chloroethane
Concen: 48.969 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.013 min
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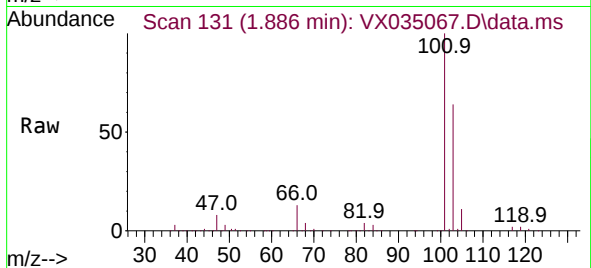
Tgt Ion: 64 Resp: 109782
Ion Ratio Lower Upper
64 100
66 31.8 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 46.641 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX035067.D
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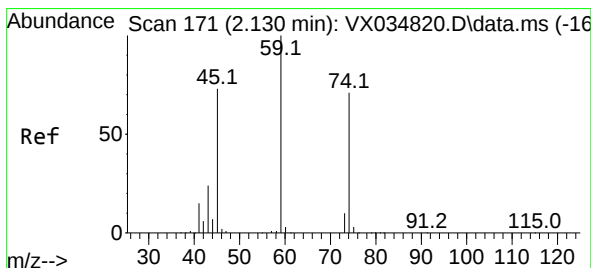
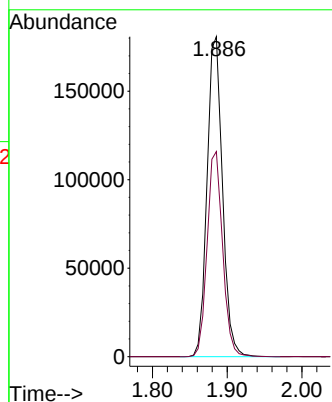
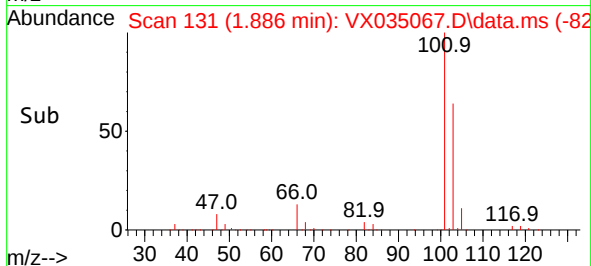
Instrument :
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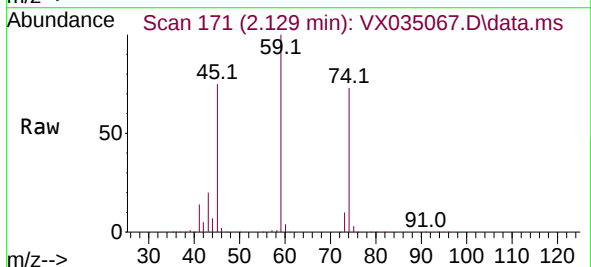
Tgt Ion:101 Resp: 25836
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.0 78.0

Manual Integrations
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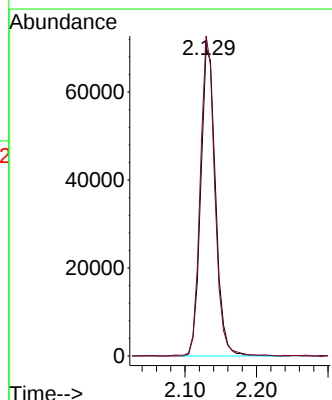
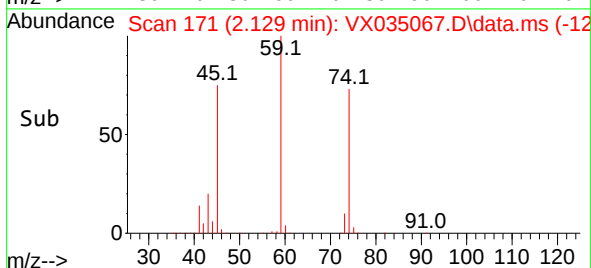
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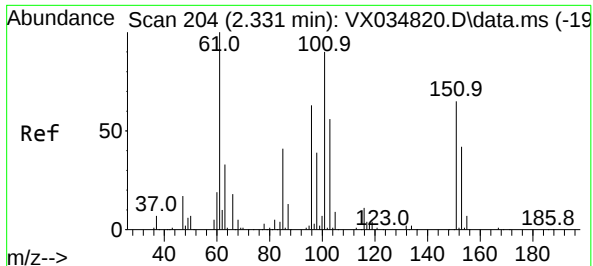


#8
 Diethyl Ether
 Concen: 51.729 ug/l
 RT: 2.129 min Scan# 171
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 101023
 Ion Ratio Lower Upper
 74 100
 45 101.8 49.8 149.3





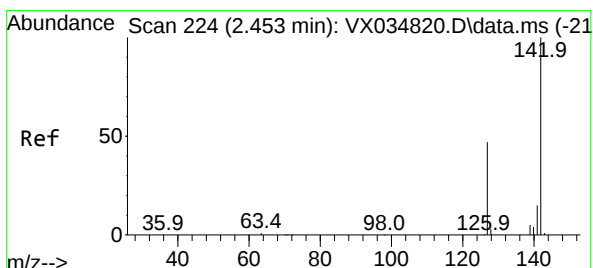
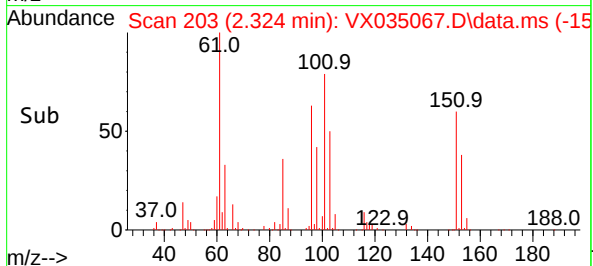
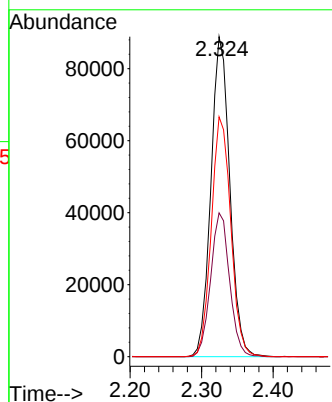
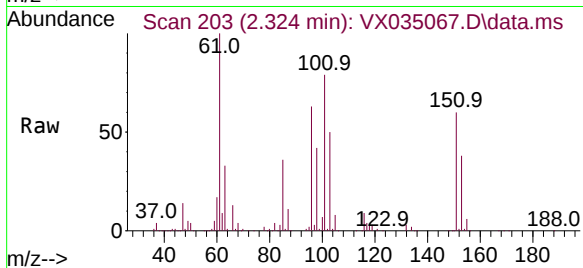
#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.336 ug/l
RT: 2.324 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 16311
Ion Ratio Lower Upper
101 100
85 45.0 35.4 53.2
151 77.1 60.2 90.4

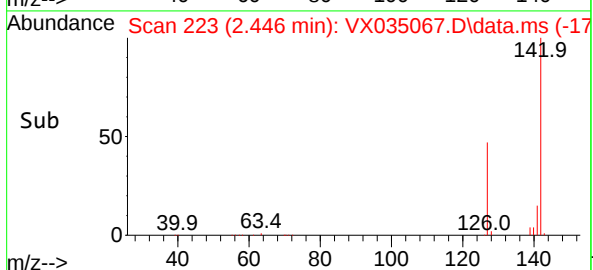
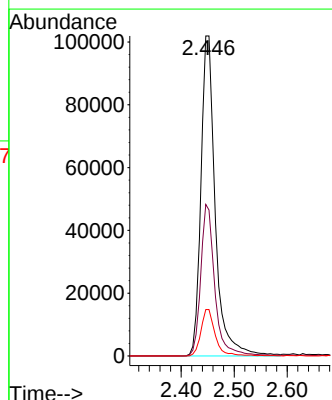
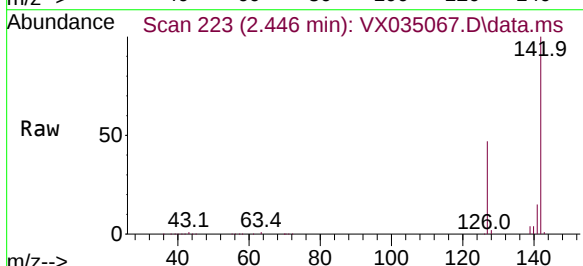
Manual Integrations
APPROVED

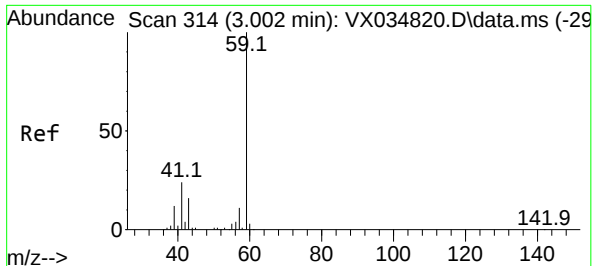
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#10
Methyl Iodide
Concen: 53.380 ug/l
RT: 2.446 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

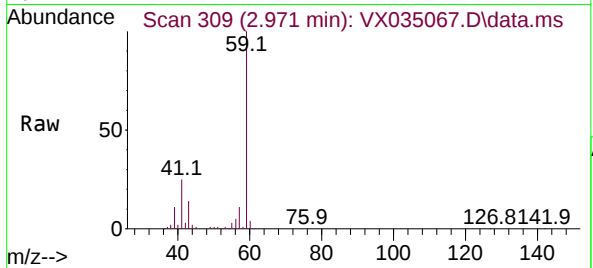
Tgt Ion:142 Resp: 192467
Ion Ratio Lower Upper
142 100
127 46.5 34.0 51.0
141 14.4 11.1 16.7





#11
Tert butyl alcohol
Concen: 245.127 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.031 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

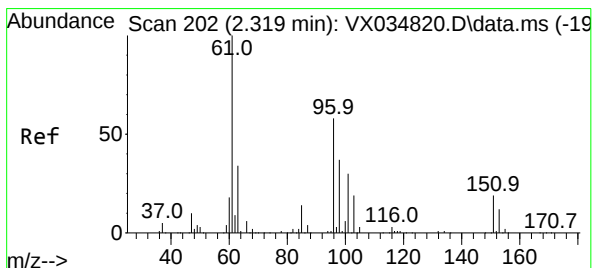
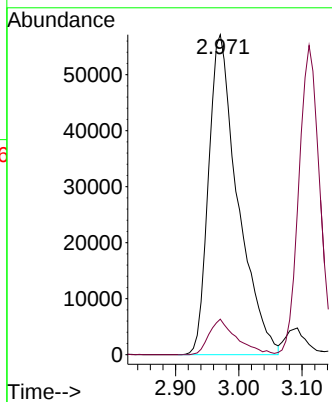
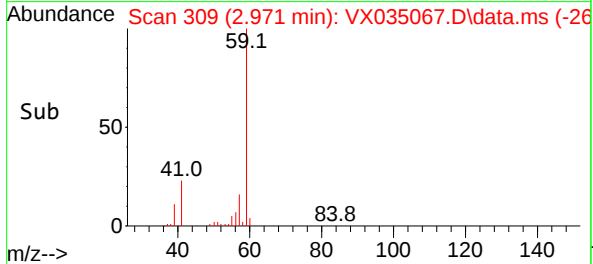
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 183300
Ion Ratio Lower Upper
59 100
57 10.5 8.1 12.1

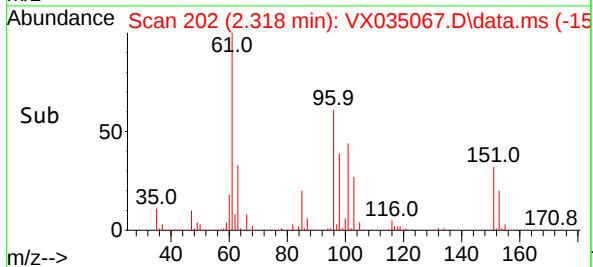
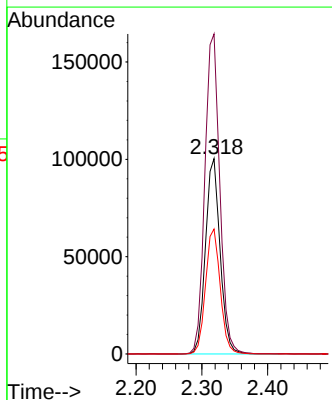
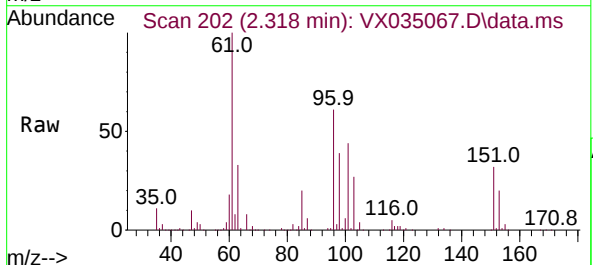
Manual Integrations
APPROVED

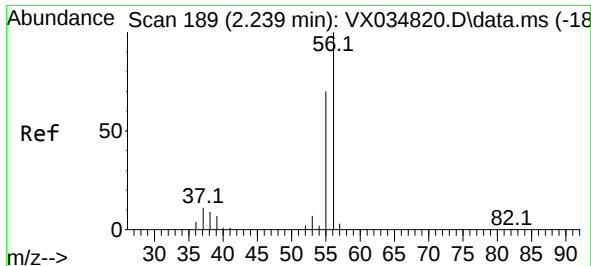
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#12
1,1-Dichloroethene
Concen: 54.315 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

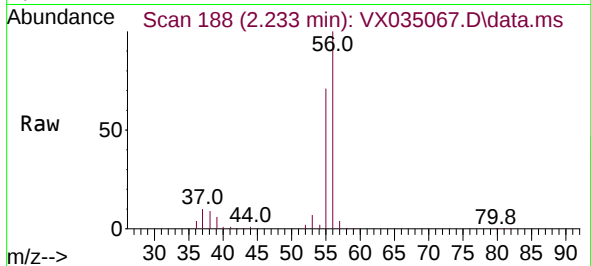
Tgt Ion: 96 Resp: 155392
Ion Ratio Lower Upper
96 100
61 163.8 128.8 193.2
98 63.9 51.4 77.0





#13
Acrolein
Concen: 311.259 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

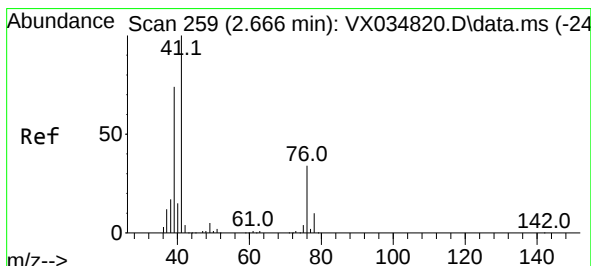
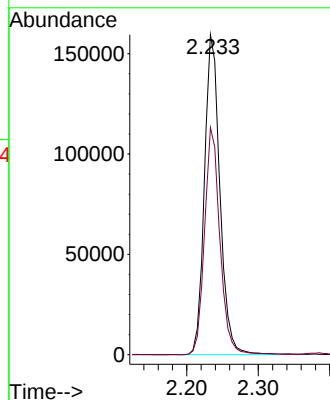
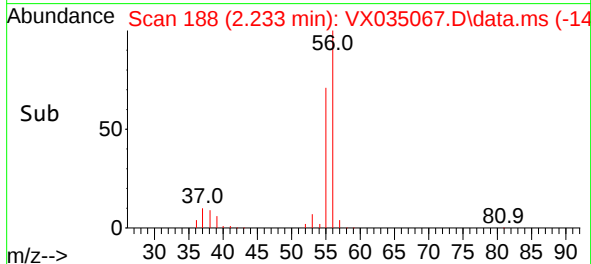
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 239590
Ion Ratio Lower Upper
56 100
55 70.8 56.6 85.0

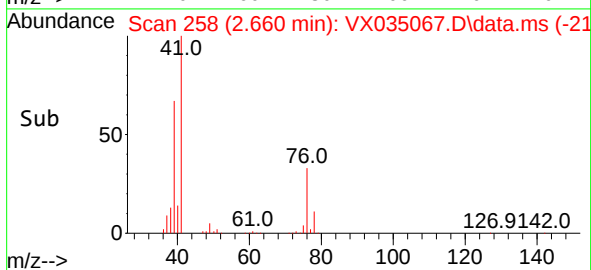
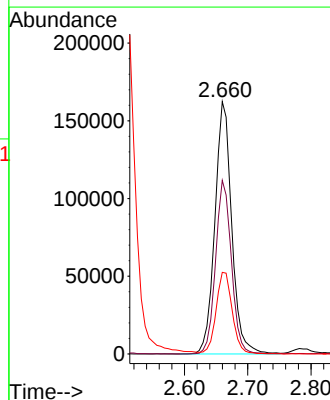
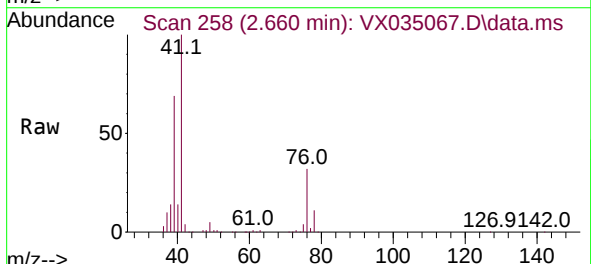
Manual Integrations
APPROVED

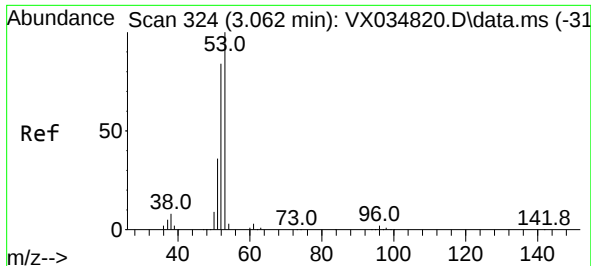
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#14
Allyl chloride
Concen: 53.631 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

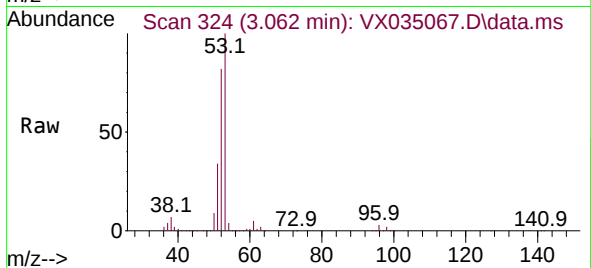
Tgt Ion: 41 Resp: 300595
Ion Ratio Lower Upper
41 100
39 64.5 52.4 78.6
76 30.9 26.0 39.0





#15
Acrylonitrile
Concen: 299.476 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

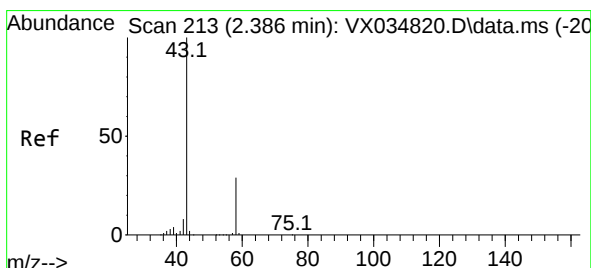
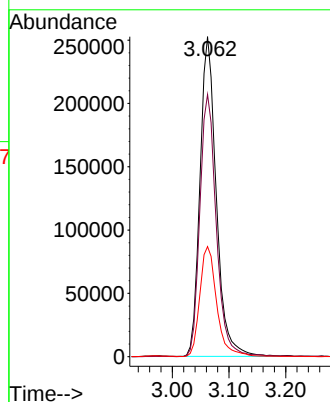
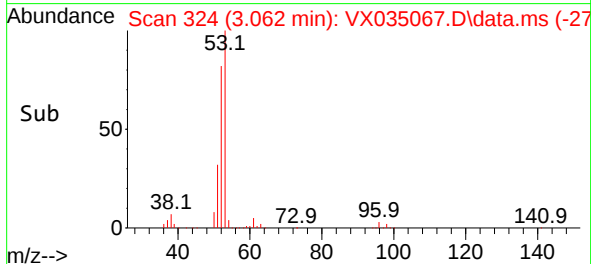
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 50407
Ion Ratio Lower Upper
53 100
52 82.7 66.2 99.2
51 36.1 28.3 42.5

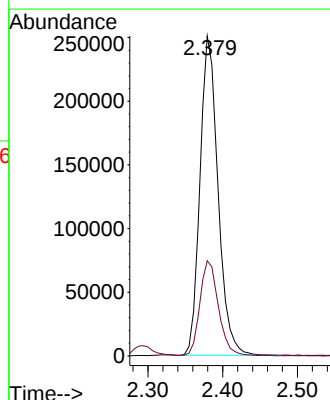
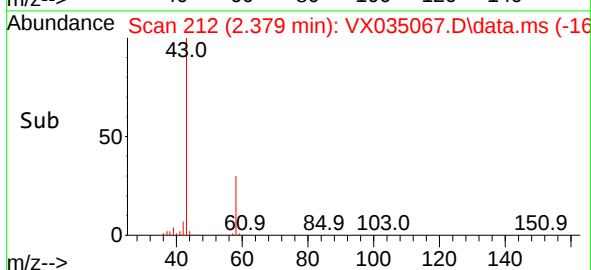
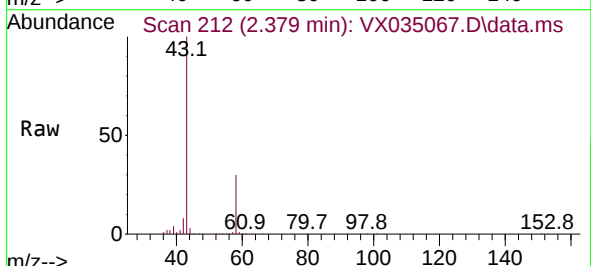
Manual Integrations
APPROVED

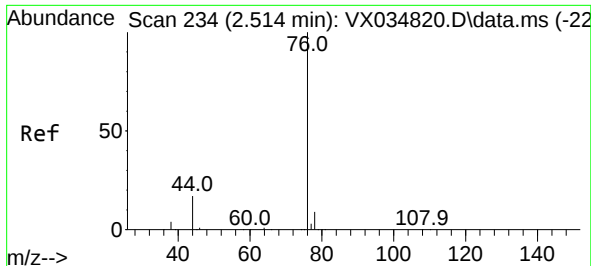
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#16
Acetone
Concen: 242.646 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

Tgt Ion: 43 Resp: 420105
Ion Ratio Lower Upper
43 100
58 29.7 24.7 37.1





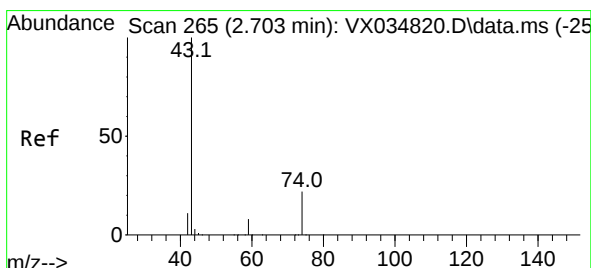
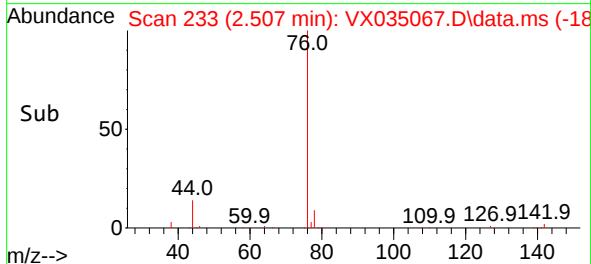
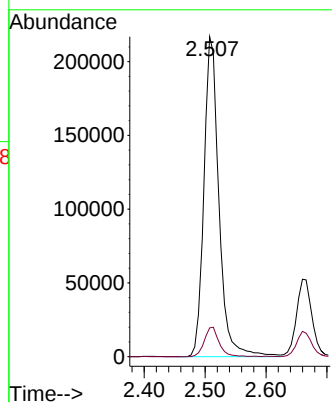
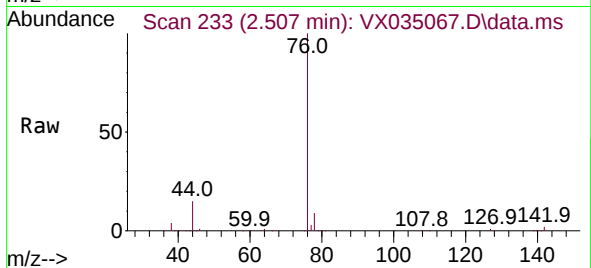
#17
Carbon Disulfide
Concen: 51.887 ug/l
RT: 2.507 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 37177
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

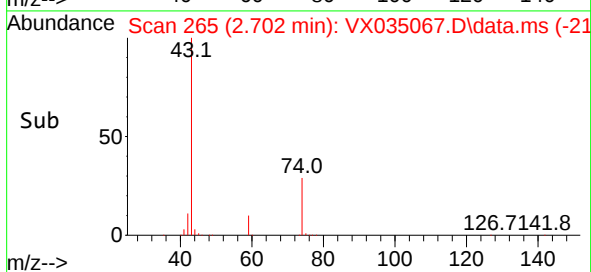
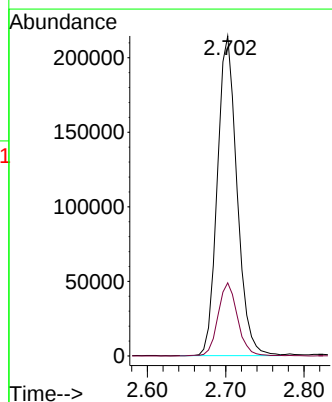
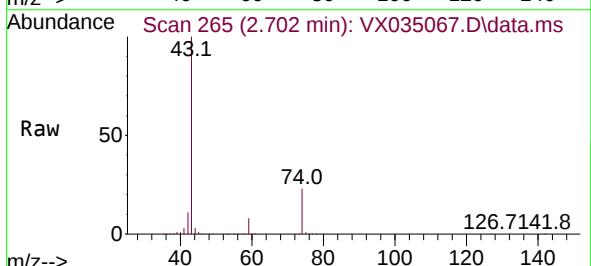
Manual Integrations
APPROVED

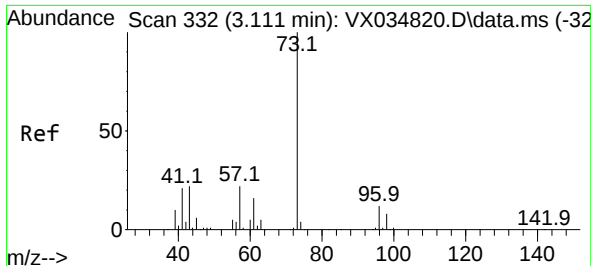
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#18
Methyl Acetate
Concen: 60.910 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

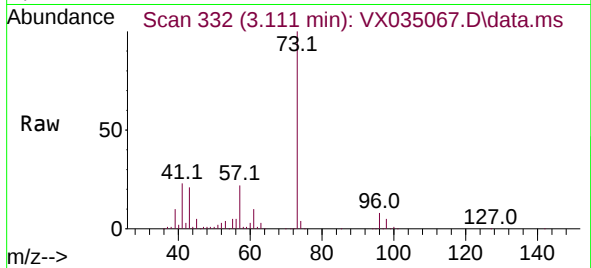
Tgt Ion: 43 Resp: 374693
Ion Ratio Lower Upper
43 100
74 22.8 18.3 27.5





#19
Methyl tert-butyl Ether
Concen: 54.313 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

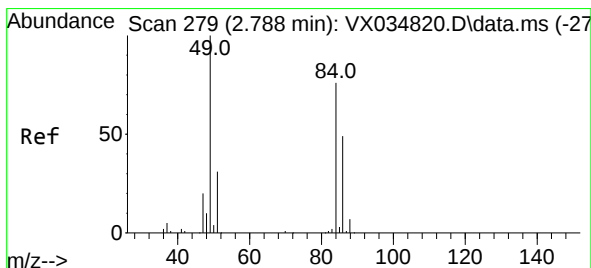
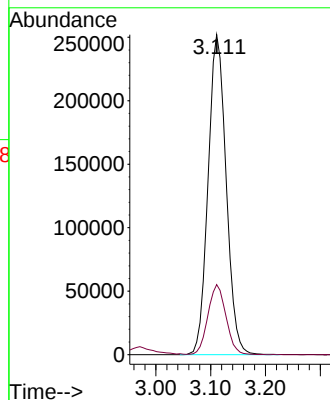
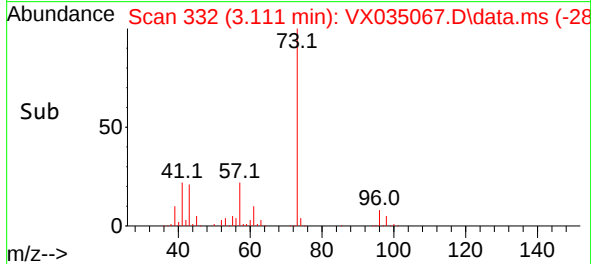
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 575302
Ion Ratio Lower Upper
73 100
57 21.9 18.5 27.7

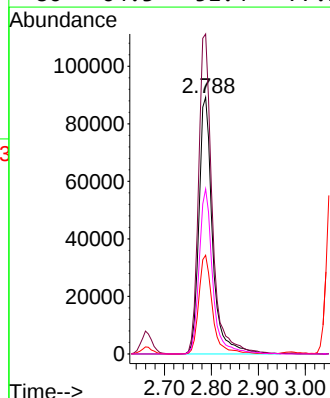
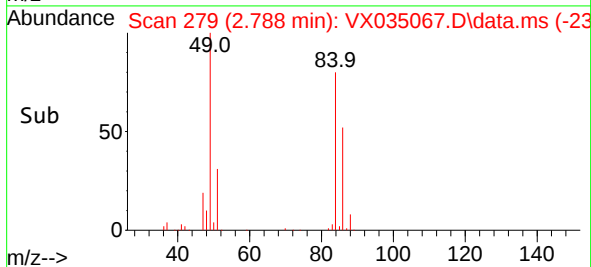
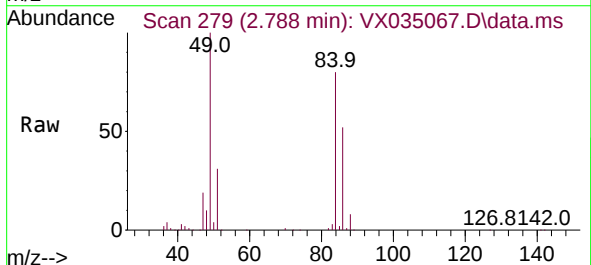
Manual Integrations
APPROVED

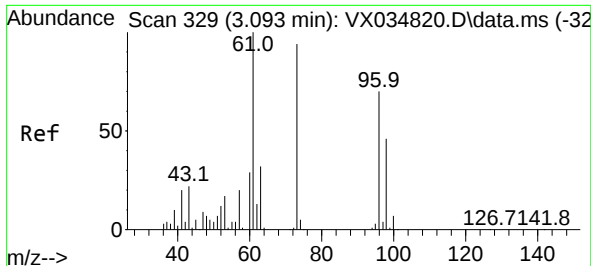
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#20
Methylene Chloride
Concen: 52.645 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

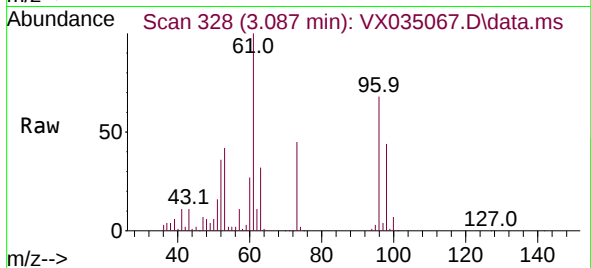
Tgt Ion: 84 Resp: 179862
Ion Ratio Lower Upper
84 100
49 124.7 103.8 155.8
51 38.5 31.8 47.8
86 64.3 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 54.453 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

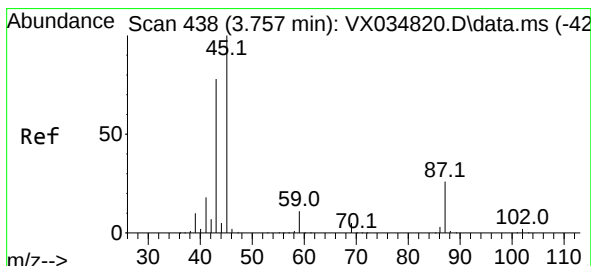
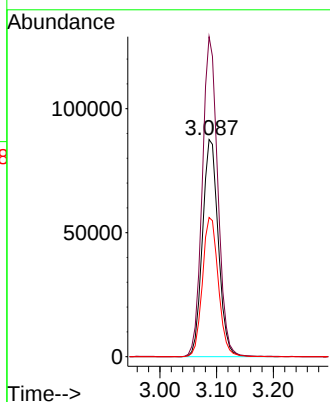
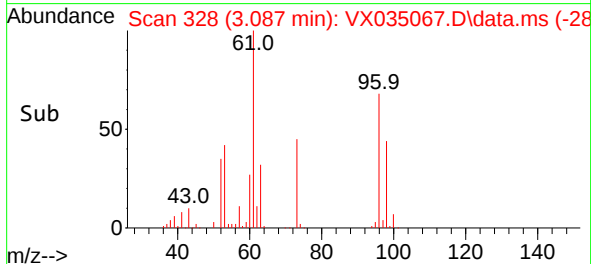
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 169904
Ion Ratio Lower Upper
96 100
61 147.3 113.0 169.6
98 64.1 52.1 78.1

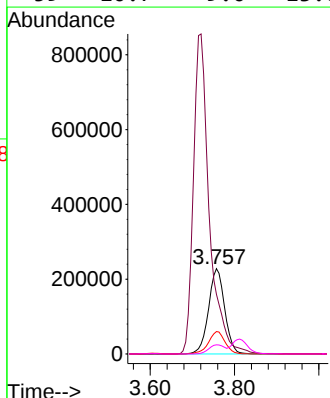
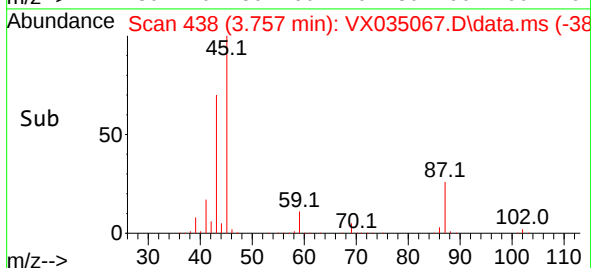
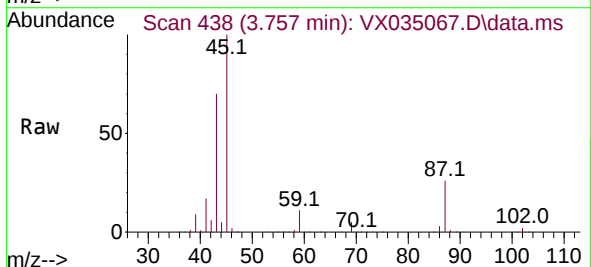
Manual Integrations
APPROVED

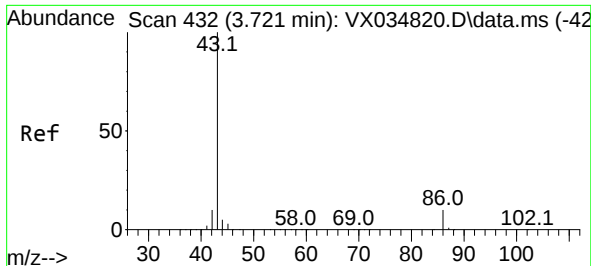
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#22
Diisopropyl ether
Concen: 53.629 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

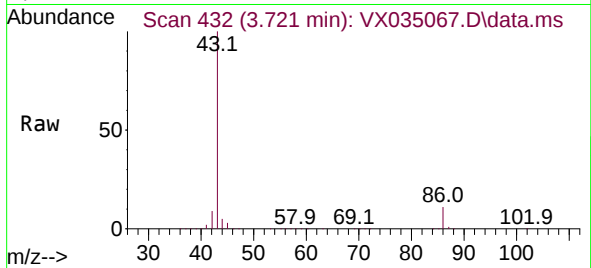
Tgt Ion: 45 Resp: 606503
Ion Ratio Lower Upper
45 100
43 69.9 65.4 98.2
87 26.4 20.6 31.0
59 10.7 9.0 13.6





#23
 Vinyl Acetate
 Concen: 279.009 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX035067.D
 Acq: 13 Apr 2023 16:49

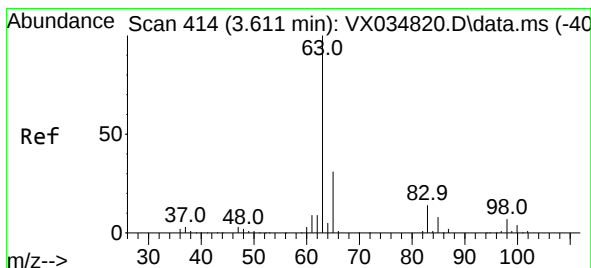
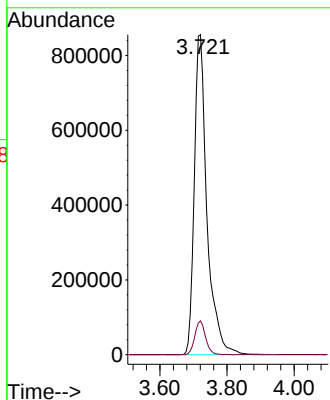
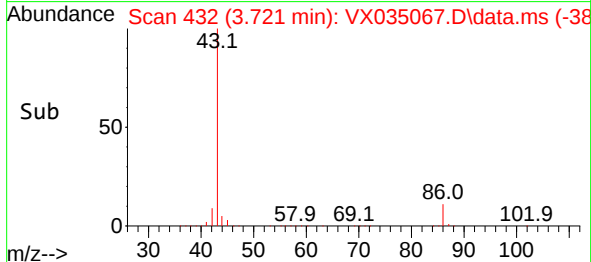
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



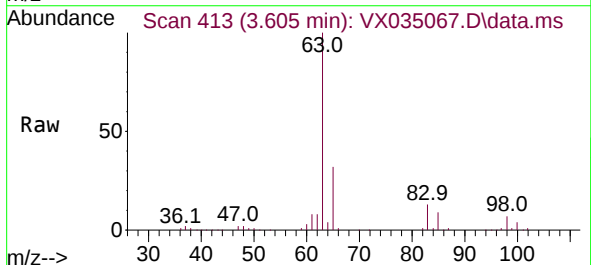
Tgt Ion: 43 Resp: 225038
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.5 12.7

Manual Integrations
 APPROVED

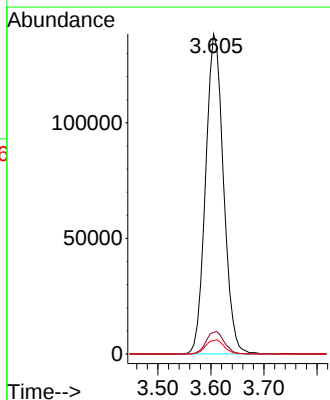
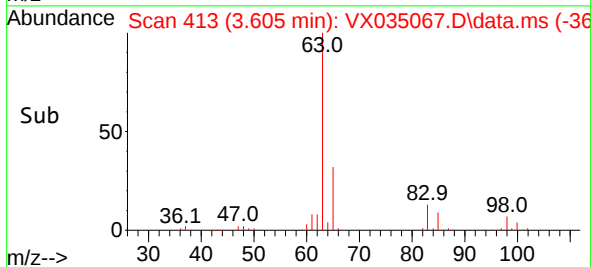
Reviewed By :John Carlone 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

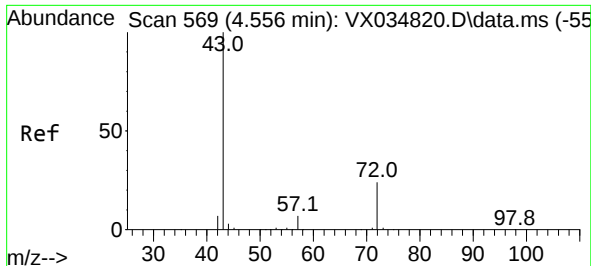


#24
 1,1-Dichloroethane
 Concen: 53.327 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX035067.D
 Acq: 13 Apr 2023 16:49



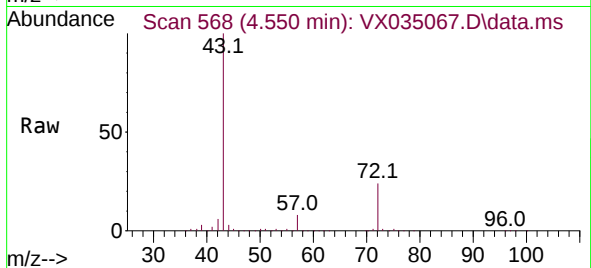
Tgt Ion: 63 Resp: 324489
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.8 11.2
 100 4.1 2.4 7.1





#25
2-Butanone
Concen: 283.916 ug/l
RT: 4.550 min Scan# 501
Delta R.T. -0.006 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

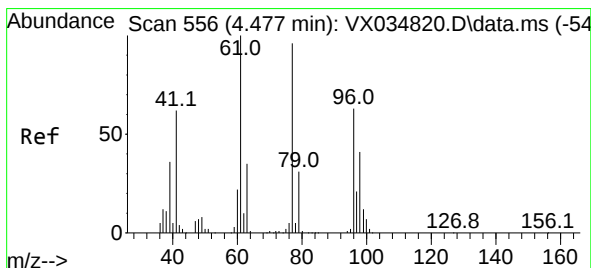
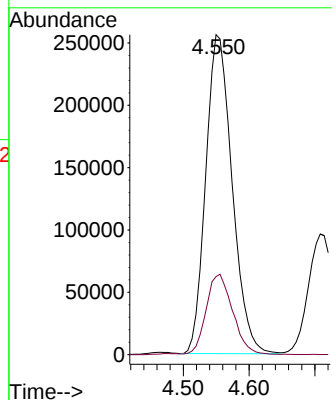
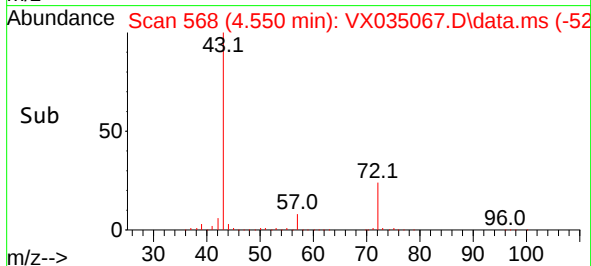
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 71503
Ion Ratio Lower Upper
43 100
72 24.3 19.3 28.9

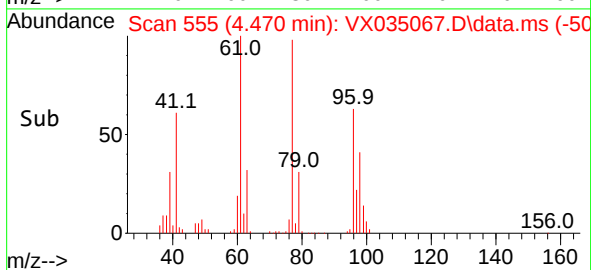
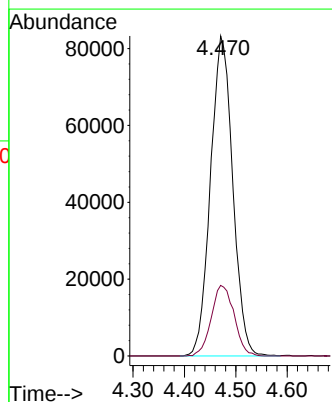
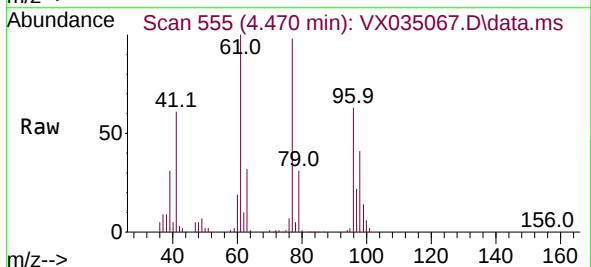
Manual Integrations
APPROVED

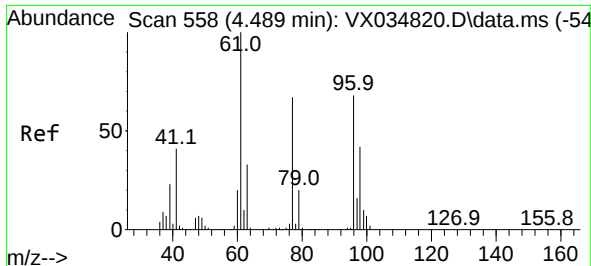
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#26
2,2-Dichloropropane
Concen: 49.925 ug/l
RT: 4.470 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

Tgt Ion: 77 Resp: 249823
Ion Ratio Lower Upper
77 100
97 22.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 53.924 ug/l

RT: 4.483 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX035067.D

Acq: 13 Apr 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 19936

Ion Ratio Lower Upper

96 100

61 150.3 0.0 300.4

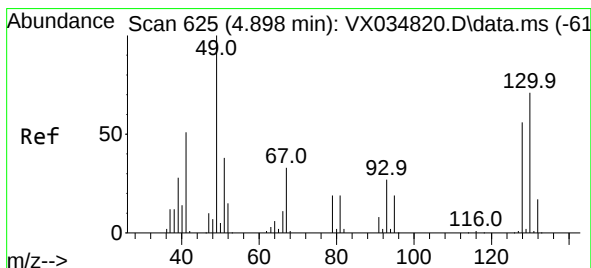
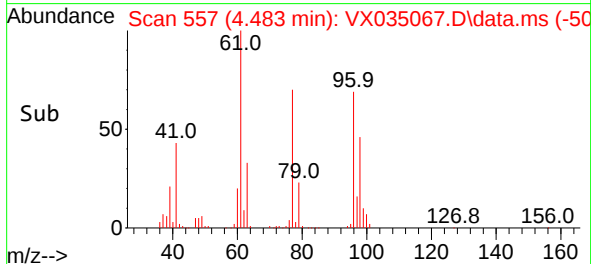
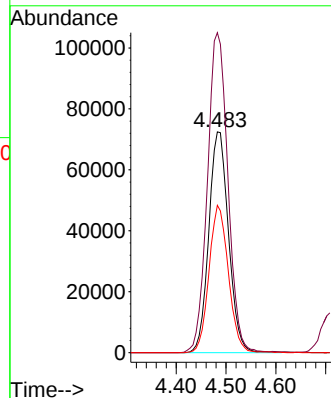
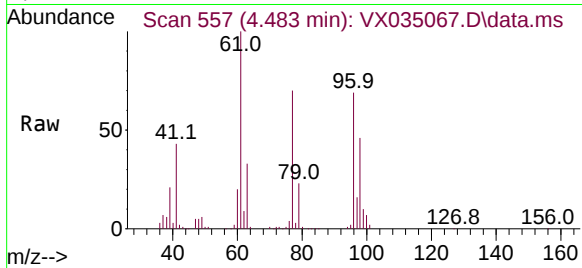
98 65.6 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#28

Bromochloromethane

Concen: 50.244 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.000 min

Lab File: VX035067.D

Acq: 13 Apr 2023 16:49

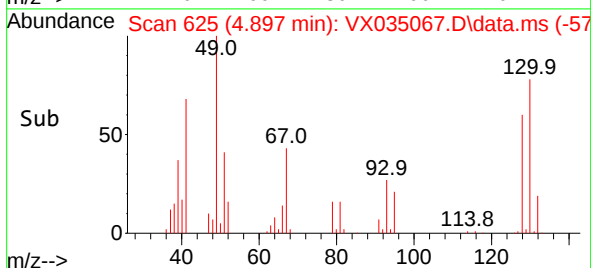
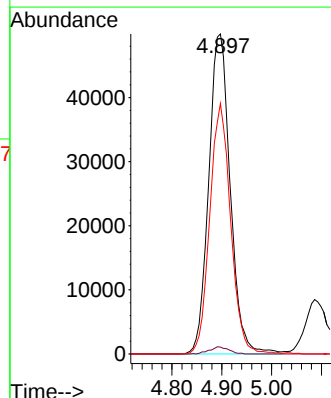
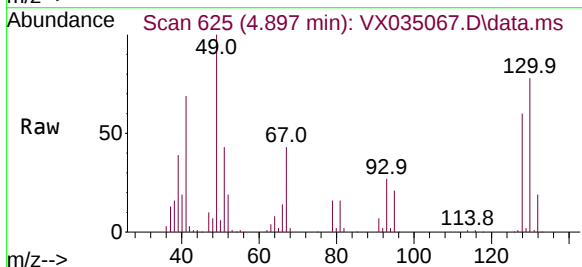
Tgt Ion: 49 Resp: 149554

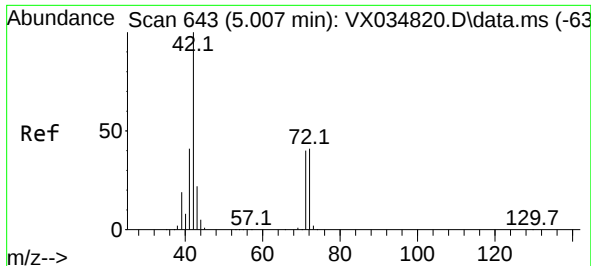
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 75.8 58.2 87.2





#29

Tetrahydrofuran

Concen: 299.556 ug/l

RT: 5.001 min Scan# 643

Delta R.T. -0.006 min

Lab File: VX035067.D

Acq: 13 Apr 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 472610

Ion Ratio Lower Upper

42 100

72 42.9 34.5 51.7

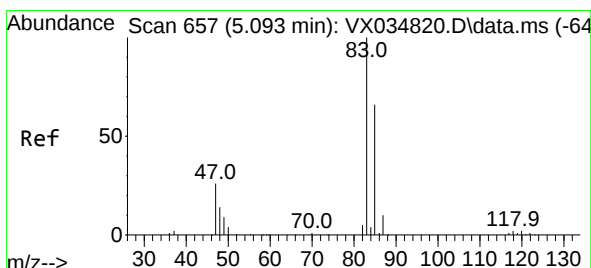
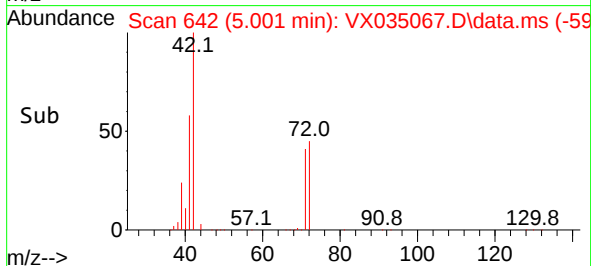
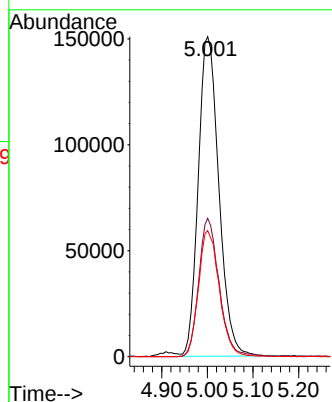
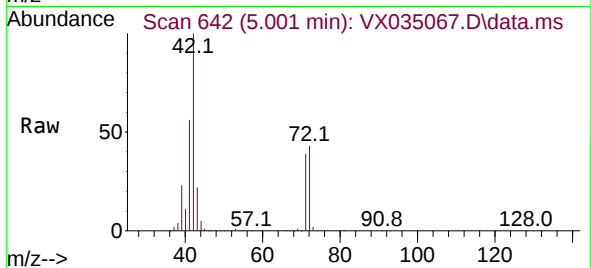
71 39.9 32.1 48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#30

Chloroform

Concen: 52.927 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX035067.D

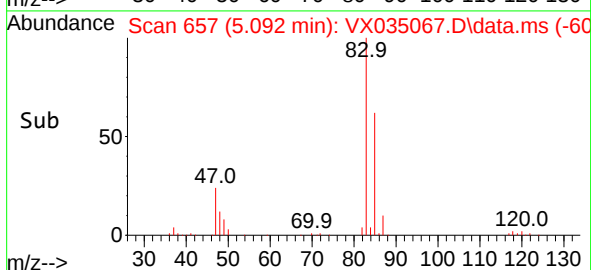
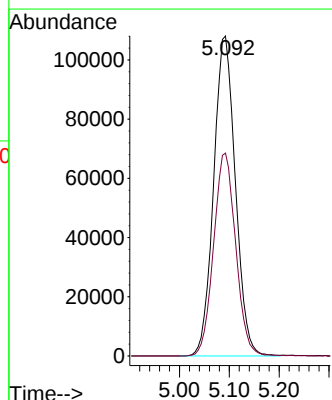
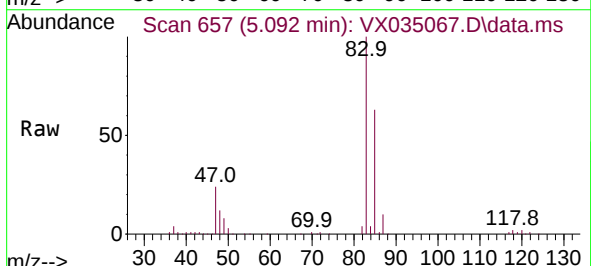
Acq: 13 Apr 2023 16:49

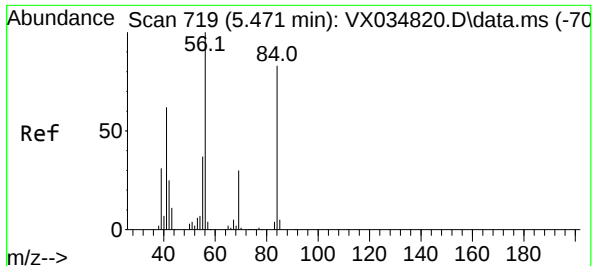
Tgt Ion: 83 Resp: 327107

Ion Ratio Lower Upper

83 100

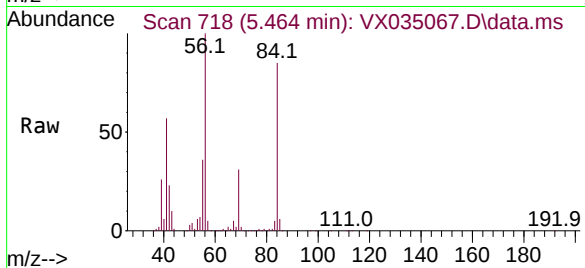
85 63.4 50.6 76.0





#31
Cyclohexane
Concen: 55.441 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

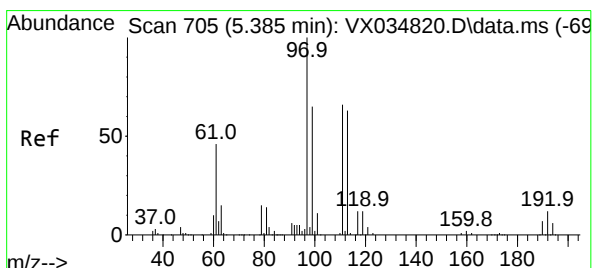
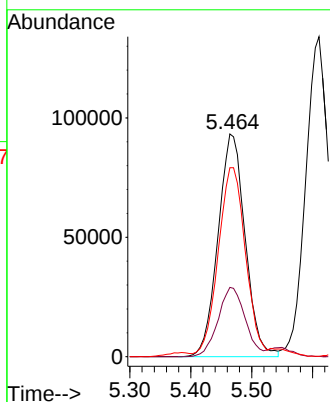
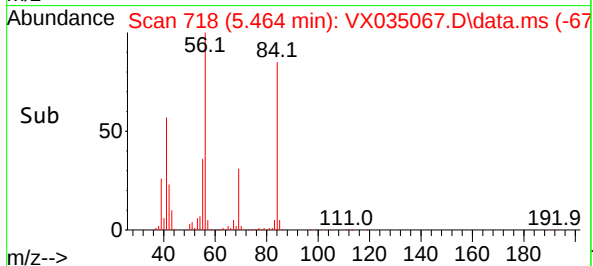
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 287719
Ion Ratio Lower Upper
56 100
69 31.1 23.7 35.5
84 83.2 68.5 102.7

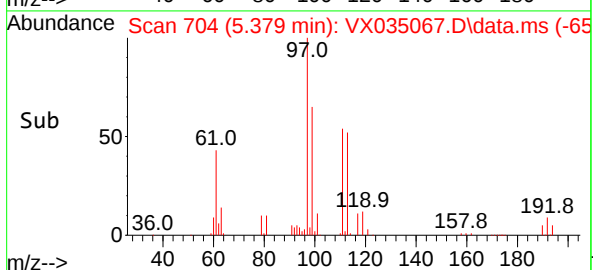
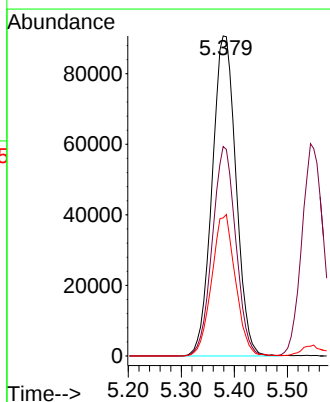
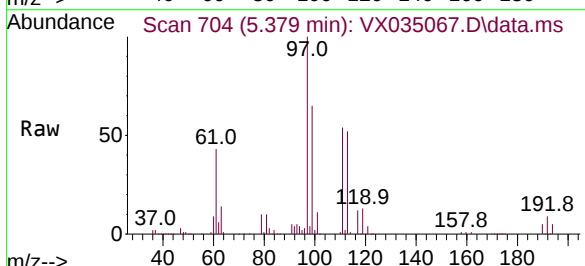
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APPROVED

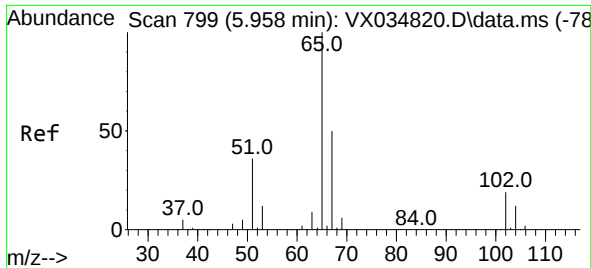
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#32
1,1,1-Trichloroethane
Concen: 53.809 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

Tgt Ion: 97 Resp: 283794
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 44.0 36.5 54.7





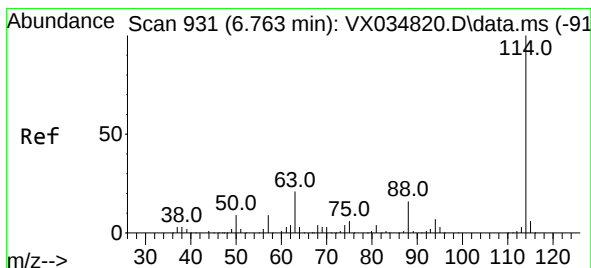
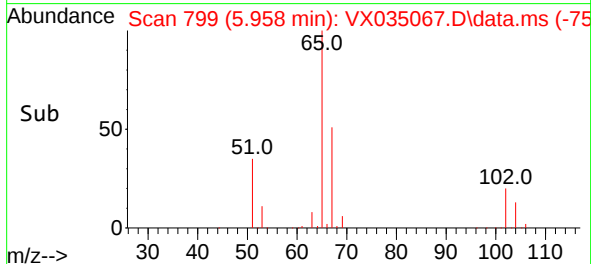
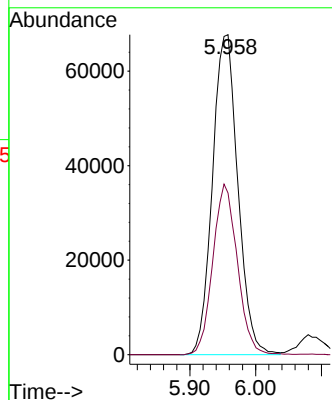
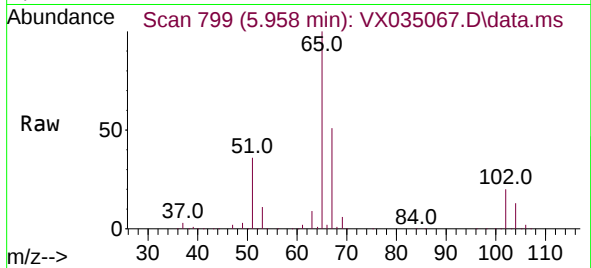
#33
1,2-Dichloroethane-d4
Concen: 42.721 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 182070
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.0

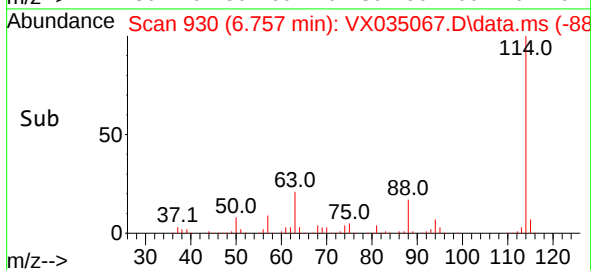
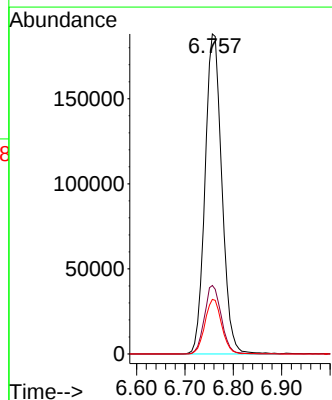
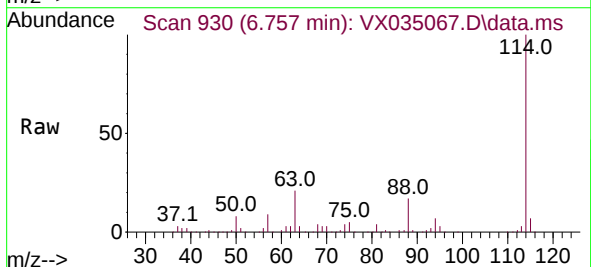
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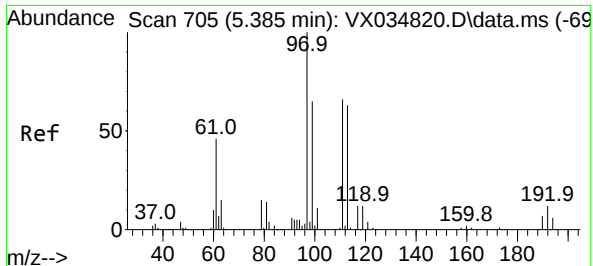
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

Tgt Ion:114 Resp: 454603
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.2
88 17.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.326 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX035067.D

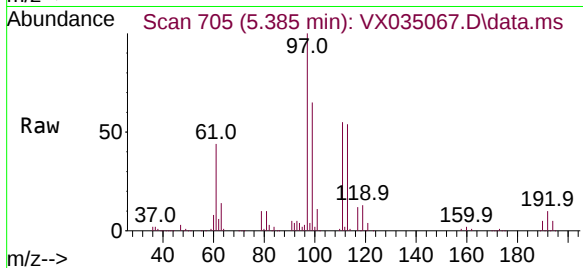
Acq: 13 Apr 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 113 Resp: 14230

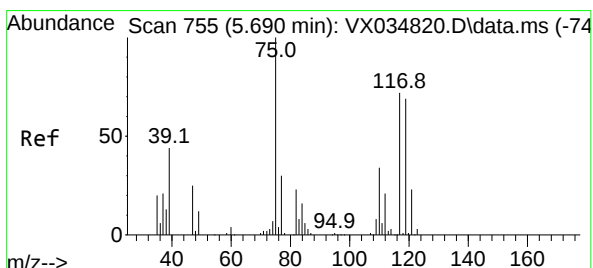
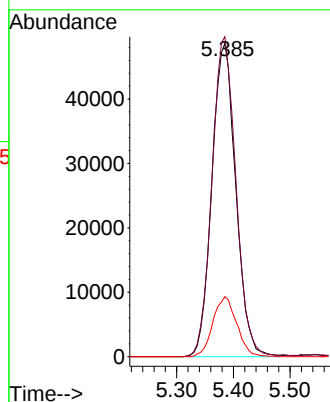
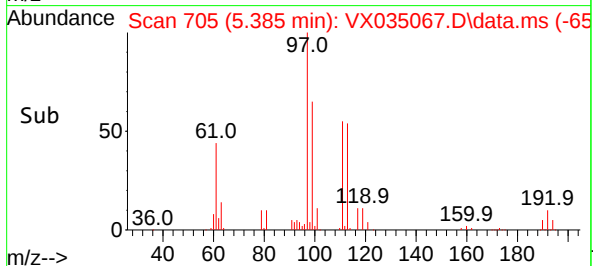
Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.7	125.5
192	19.1	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#36

1,1-Dichloropropene

Concen: 56.376 ug/l

RT: 5.690 min Scan# 755

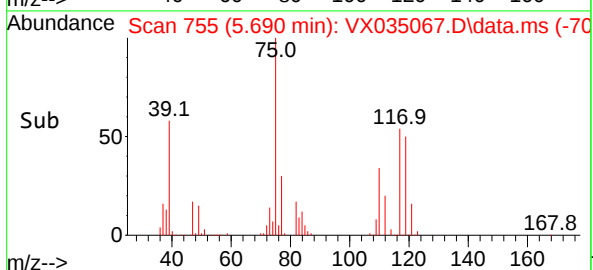
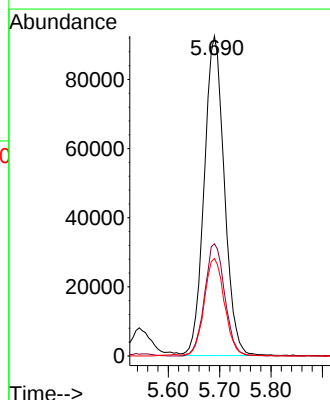
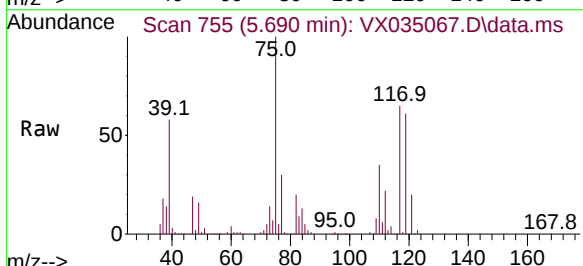
Delta R.T. -0.000 min

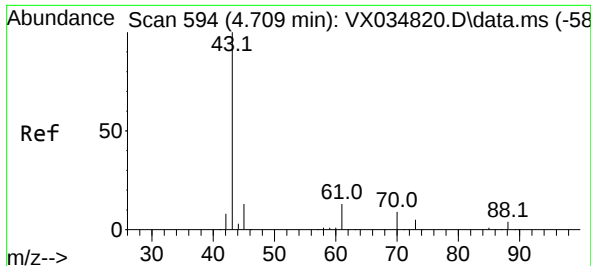
Lab File: VX035067.D

Acq: 13 Apr 2023 16:49

Tgt Ion: 75 Resp: 251139

Ion	Ratio	Lower	Upper
75	100		
110	35.2	17.5	52.5
77	31.0	24.3	36.5





#37

Ethyl Acetate

Concen: 60.337 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.000 min

Lab File: VX035067.D

Acq: 13 Apr 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 28104

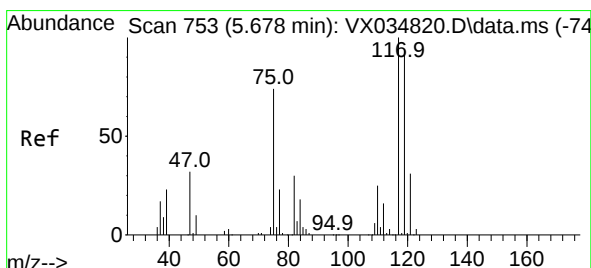
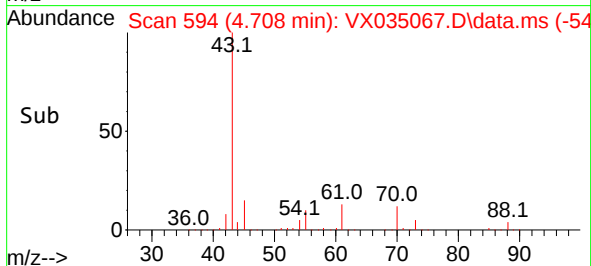
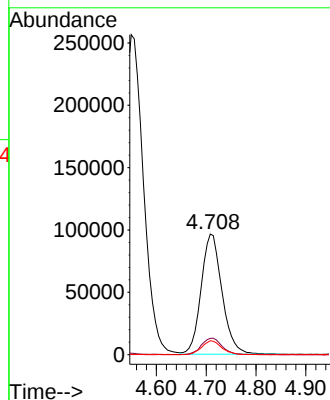
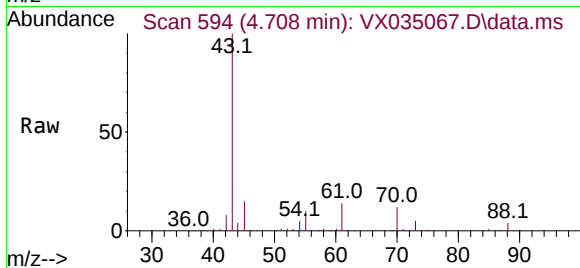
Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.2	15.4
70	11.0	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#38

Carbon Tetrachloride

Concen: 57.799 ug/l

RT: 5.678 min Scan# 753

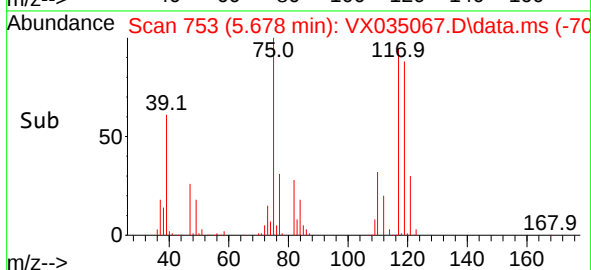
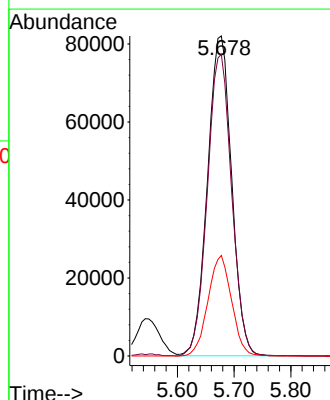
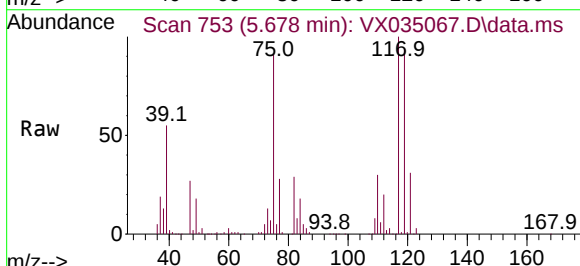
Delta R.T. -0.000 min

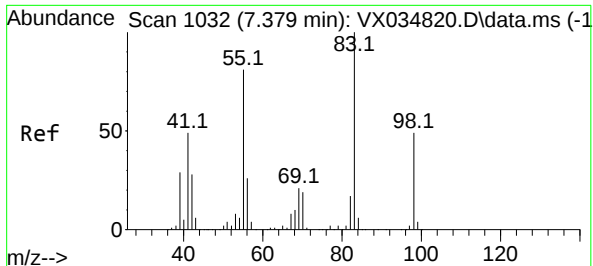
Lab File: VX035067.D

Acq: 13 Apr 2023 16:49

Tgt Ion:117 Resp: 242752

Ion	Ratio	Lower	Upper
117	100		
119	94.2	76.6	114.8
121	31.4	23.8	35.6





#39

Methylcyclohexane

Concen: 56.371 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX035067.D

Acq: 13 Apr 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 266660

Ion Ratio Lower Upper

83 100

55 81.5 60.5 90.7

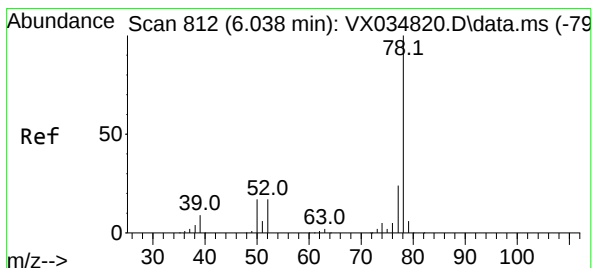
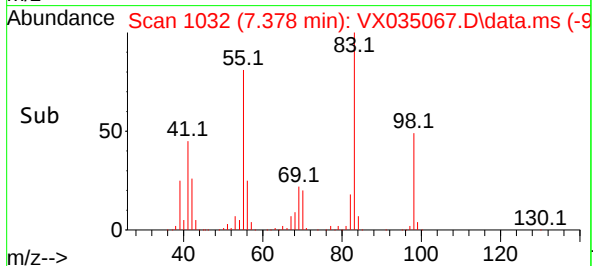
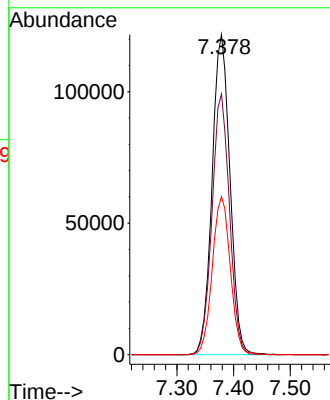
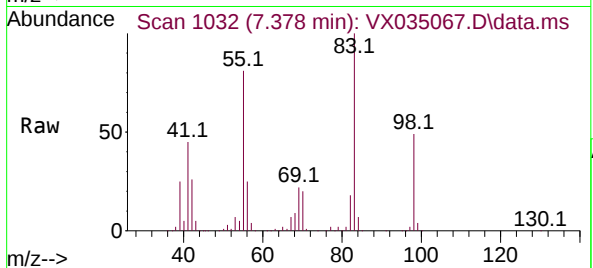
98 49.4 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#40

Benzene

Concen: 56.311 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX035067.D

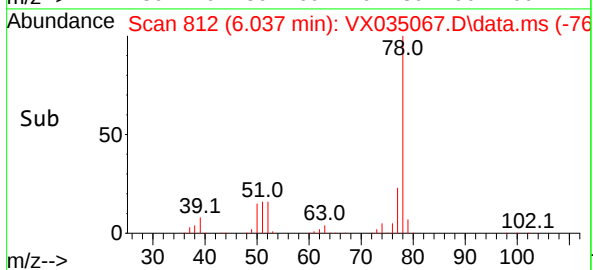
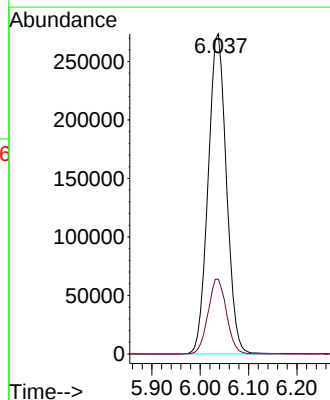
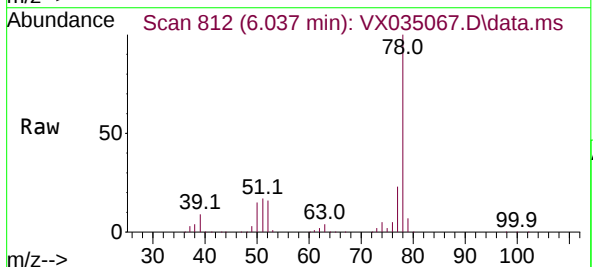
Acq: 13 Apr 2023 16:49

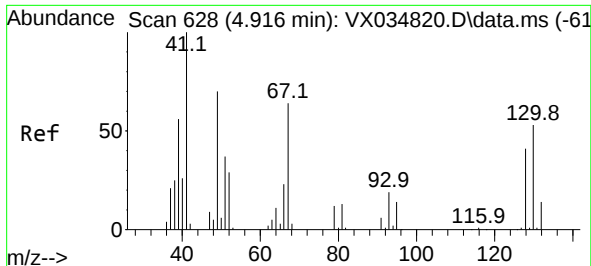
Tgt Ion: 78 Resp: 720086

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.4





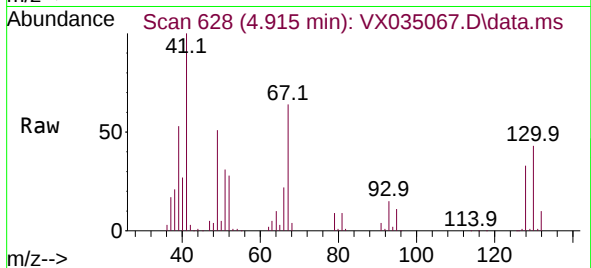
#41
Methacrylonitrile
Concen: 63.381 ug/l
RT: 4.915 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



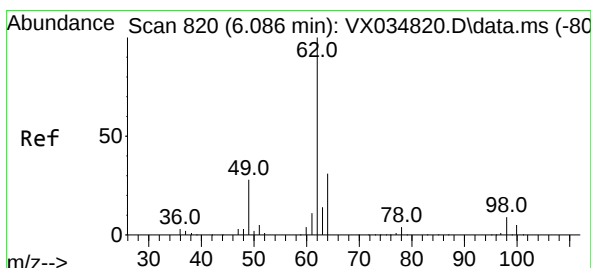
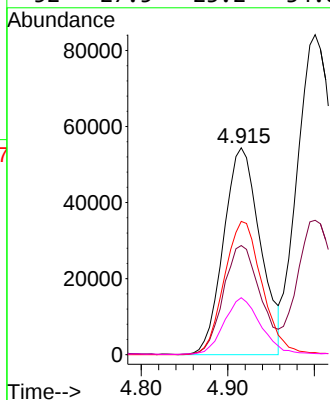
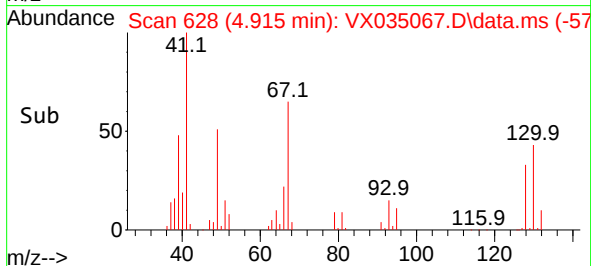
Tgt Ion: 41 Resp: 160554
Ion Ratio Lower Upper
41 100
39 53.1 45.0 67.6
67 66.9 55.6 83.4
52 27.5 23.2 34.8

Manual Integrations

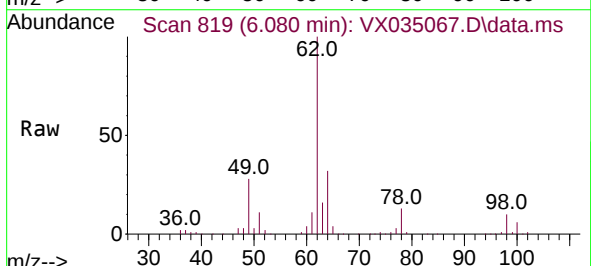
APPROVED

Reviewed By :John Carlone 04/14/2023

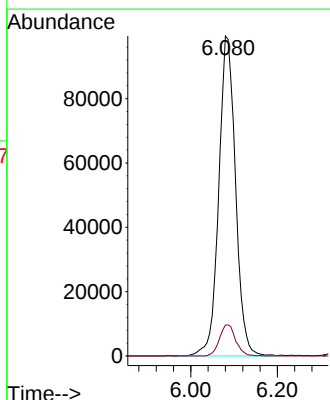
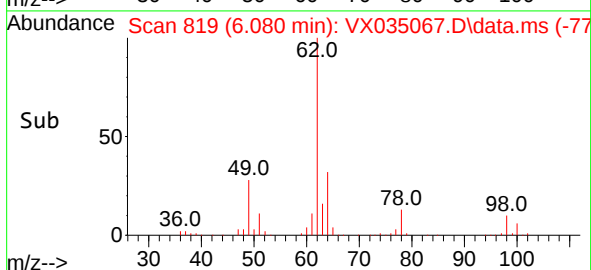
Supervised By :Mahesh Dadoda 04/14/2023

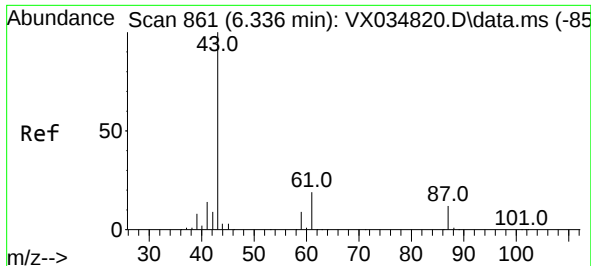


#42
1,2-Dichloroethane
Concen: 52.724 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49



Tgt Ion: 62 Resp: 268048
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.0





#43

Isopropyl Acetate

Concen: 57.965 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.000 min

Lab File: VX035067.D

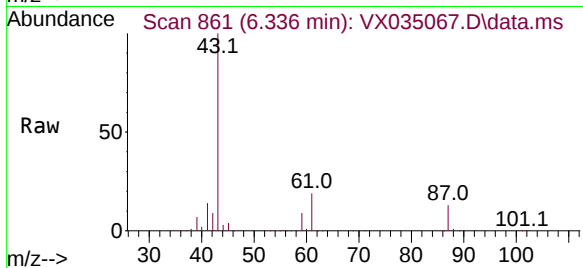
Acq: 13 Apr 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



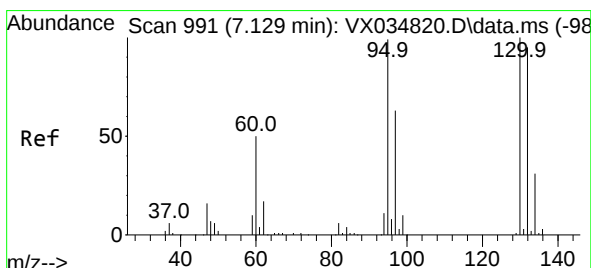
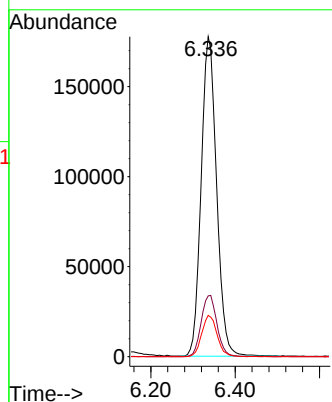
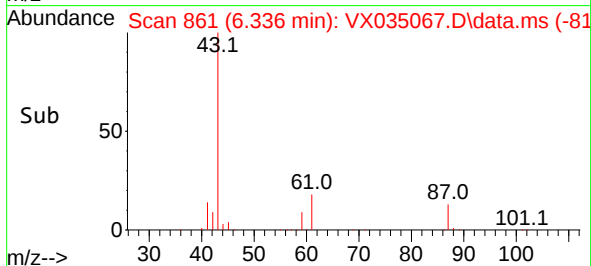
Tgt Ion:	43	Resp:	45171
Ion Ratio	Lower	Upper	
43	100		
61	19.6	15.2	22.8
87	12.9	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#44

Trichloroethene

Concen: 58.279 ug/l

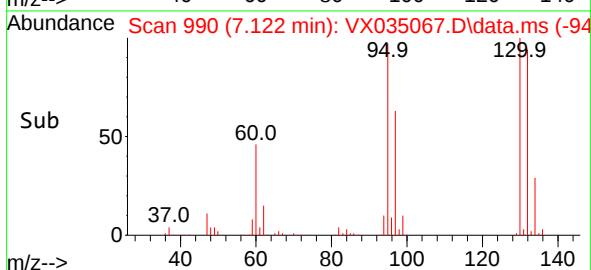
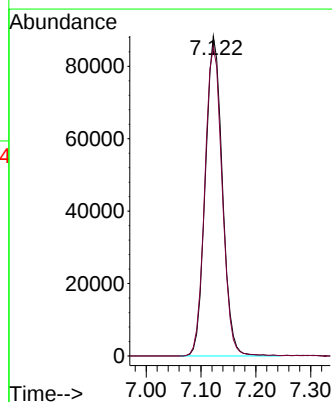
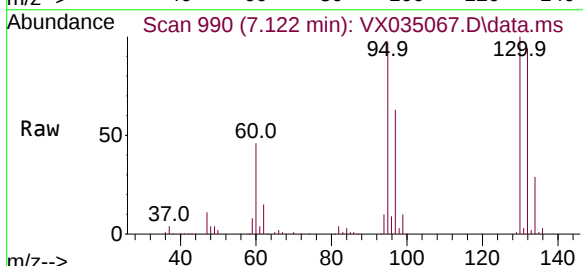
RT: 7.122 min Scan# 990

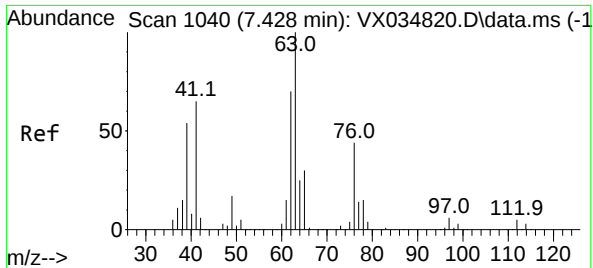
Delta R.T. -0.006 min

Lab File: VX035067.D

Acq: 13 Apr 2023 16:49

Tgt Ion:	130	Resp:	190239
Ion Ratio	Lower	Upper	
130	100		
95	96.6	0.0	198.4





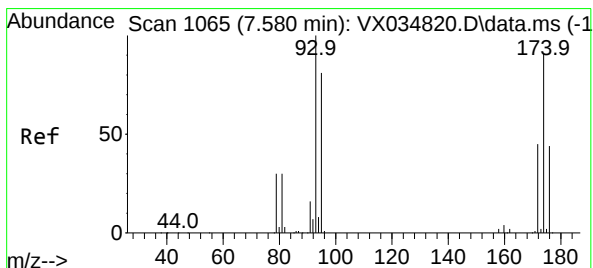
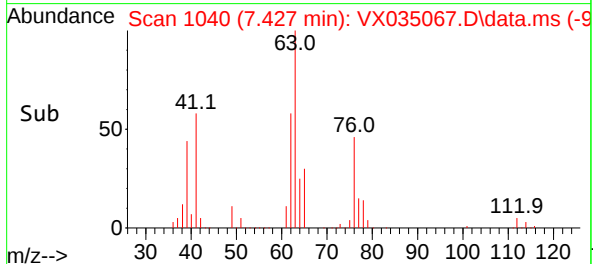
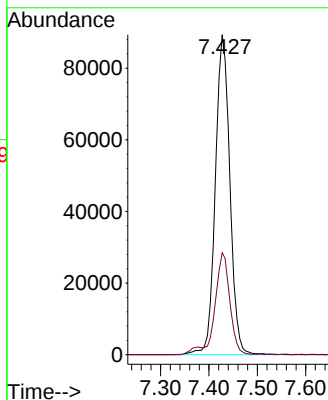
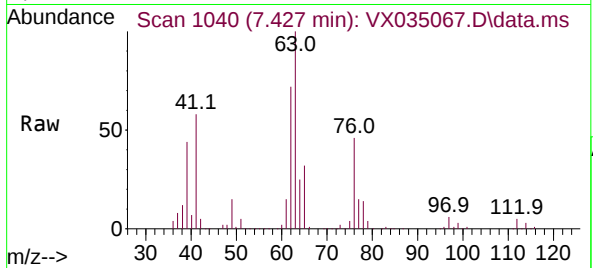
#45
1,2-Dichloropropane
Concen: 55.934 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 186389
Ion Ratio Lower Upper
63 100
65 31.8 24.6 37.0

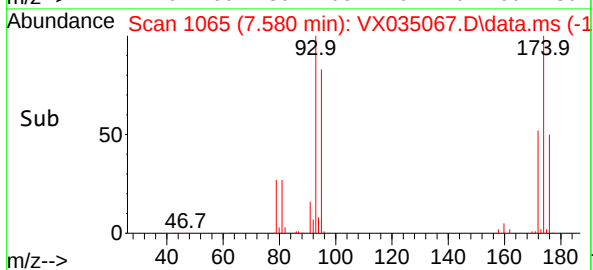
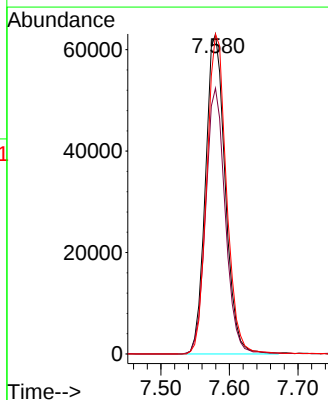
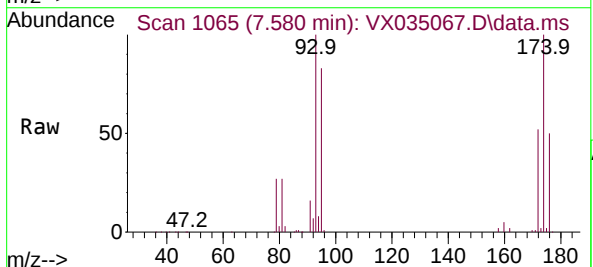
Manual Integrations
APPROVED

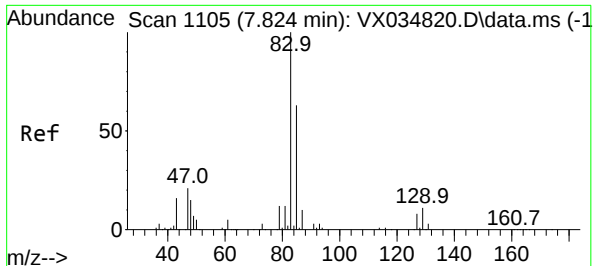
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#46
Dibromomethane
Concen: 55.051 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

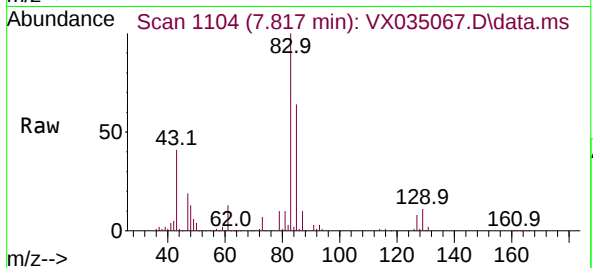
Tgt Ion: 93 Resp: 126220
Ion Ratio Lower Upper
93 100
95 82.6 66.9 100.3
174 99.6 75.4 113.0





#47
Bromodichloromethane
Concen: 56.223 ug/l
RT: 7.817 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

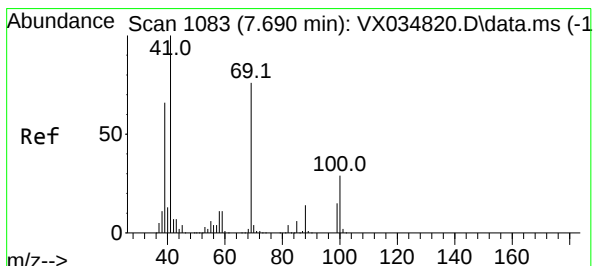
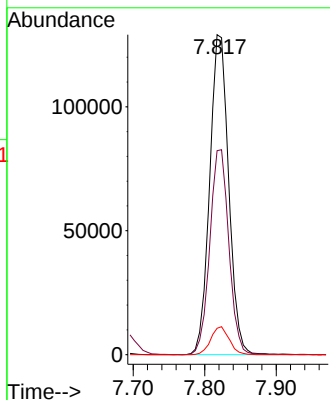
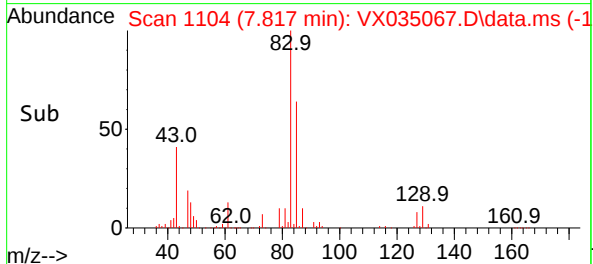
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 238108
Ion Ratio Lower Upper
83 100
85 63.7 52.2 78.4
127 8.3 6.6 9.8

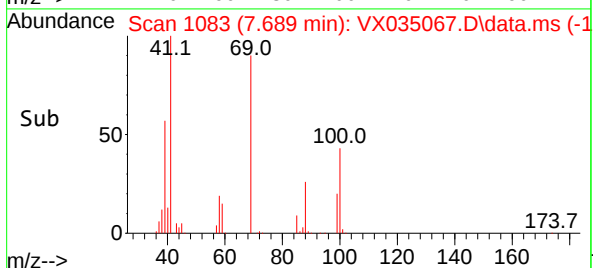
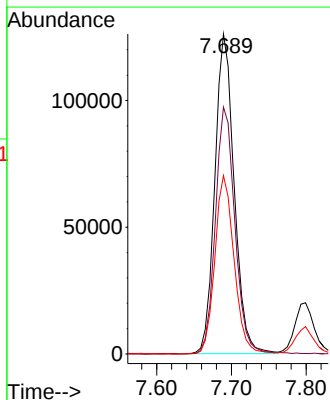
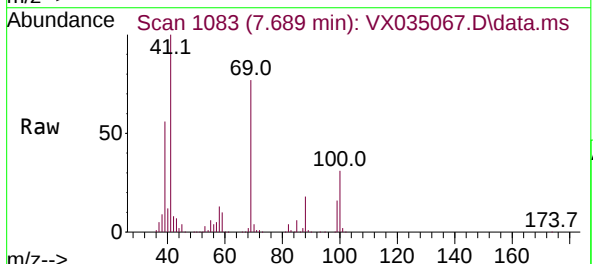
Manual Integrations
APPROVED

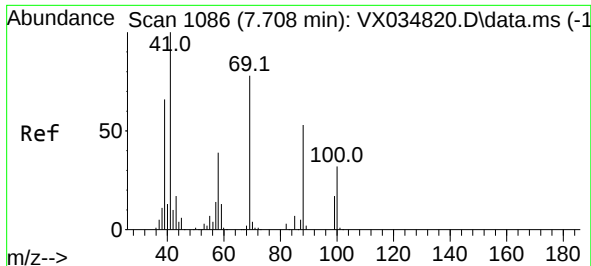
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#48
Methyl methacrylate
Concen: 59.212 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

Tgt Ion: 41 Resp: 226606
Ion Ratio Lower Upper
41 100
69 78.4 62.2 93.4
39 55.7 47.7 71.5





#49

1,4-Dioxane

Concen: 1102.494 ug/l

RT: 7.671 min Scan# 1086

Delta R.T. -0.037 min

Lab File: VX035067.D

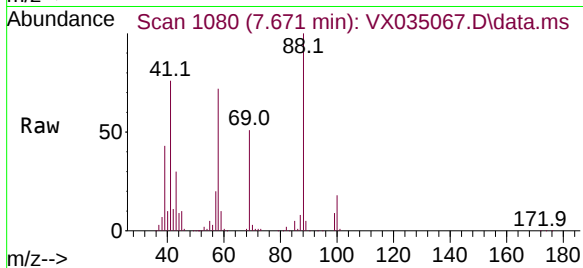
Acq: 13 Apr 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



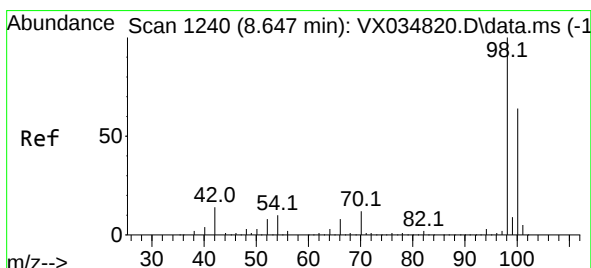
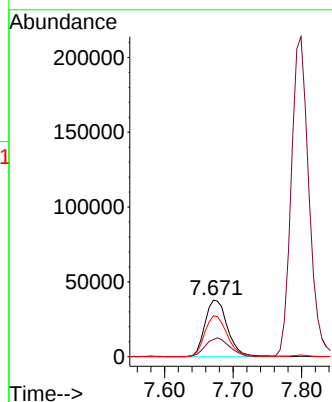
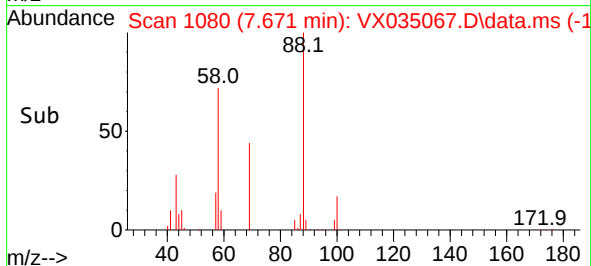
Tgt Ion:	88	Resp:	8695
Ion Ratio	Lower	Upper	
88	100		
43	35.7	27.7	41.5
58	72.1	56.8	85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#50

Toluene-d8

Concen: 47.092 ug/l

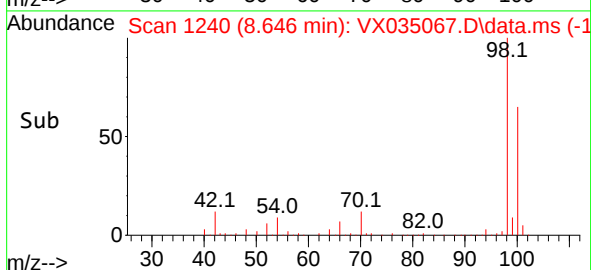
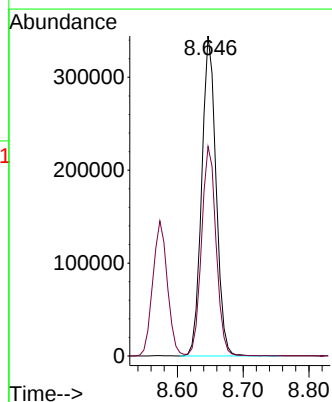
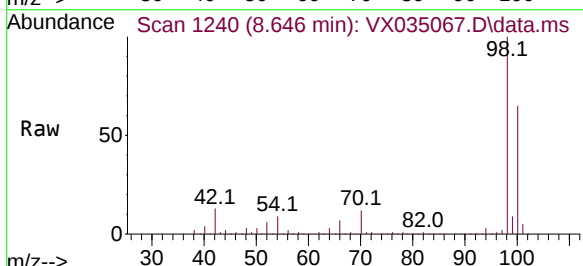
RT: 8.646 min Scan# 1240

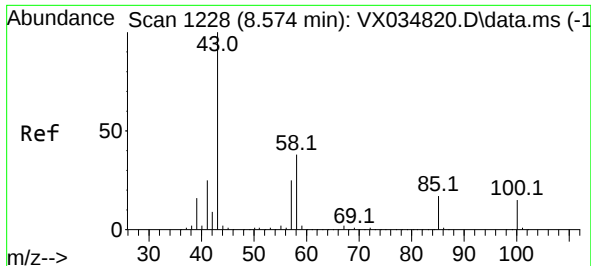
Delta R.T. -0.000 min

Lab File: VX035067.D

Acq: 13 Apr 2023 16:49

Tgt Ion:	98	Resp:	522642
Ion Ratio	Lower	Upper	
98	100		
100	66.5	52.5	78.7





#51
4-Methyl-2-Pentanone
Concen: 300.847 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

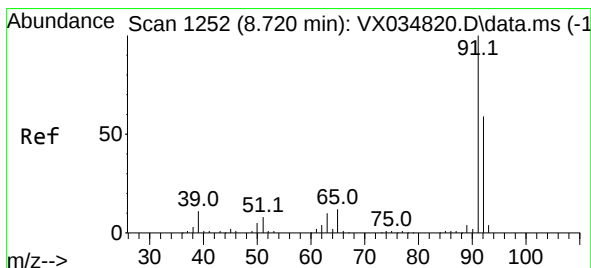
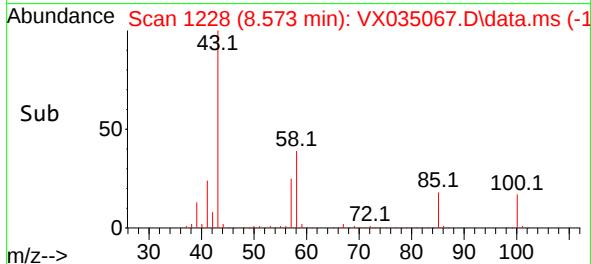
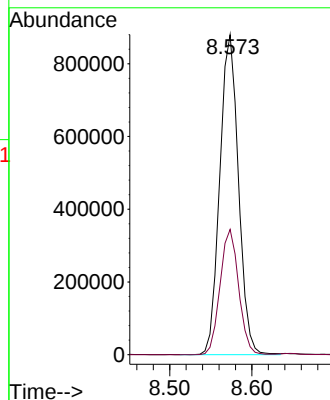
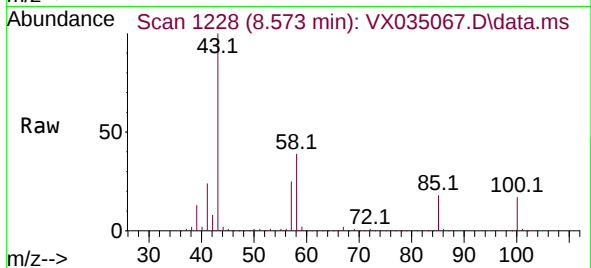
VSTDCCC050EC

Tgt Ion: 43 Resp: 1387524
Ion Ratio Lower Upper
43 100
58 38.9 30.6 46.0

Manual Integrations

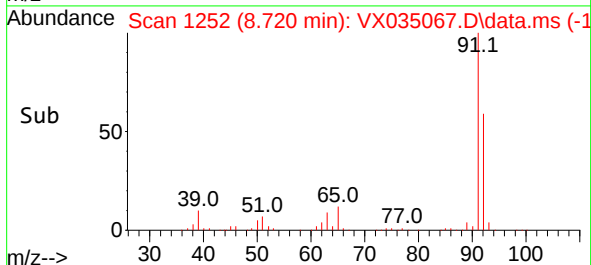
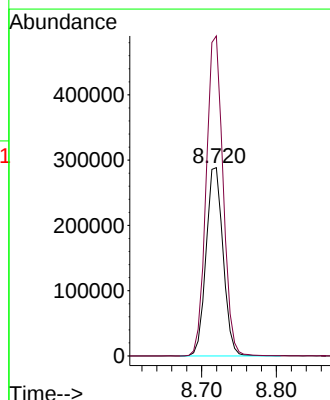
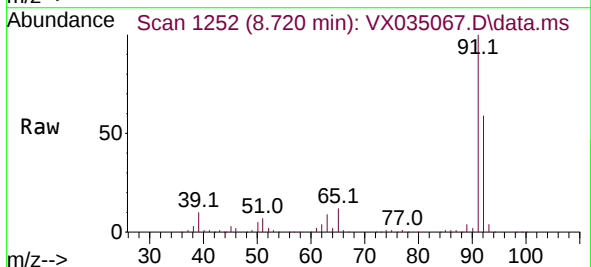
APPROVED

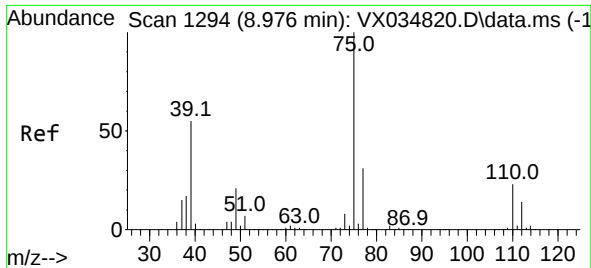
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#52
Toluene
Concen: 54.611 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

Tgt Ion: 92 Resp: 455333
Ion Ratio Lower Upper
92 100
91 168.9 136.8 205.2





#53
 t-1,3-Dichloropropene
 Concen: 57.851 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. -0.000 min
 Lab File: VX035067.D
 Acq: 13 Apr 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

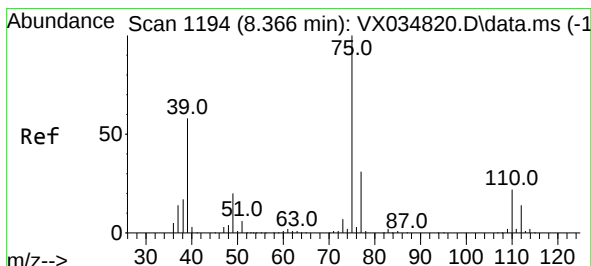
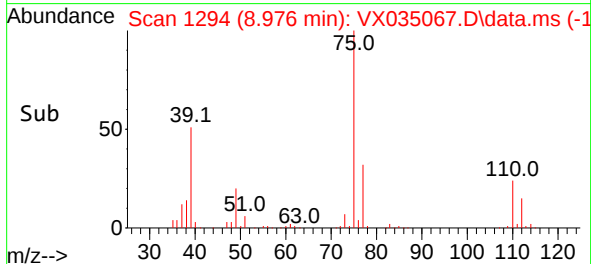
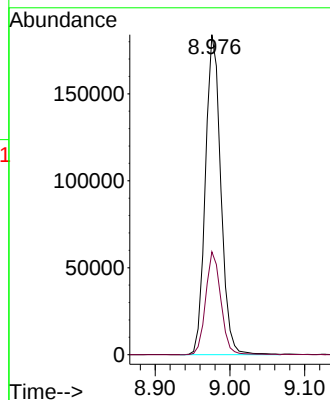
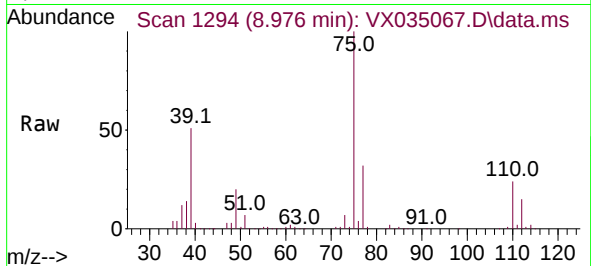
VSTDCCC050EC

Tgt Ion: 75 Resp: 263560
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.2

Manual Integrations

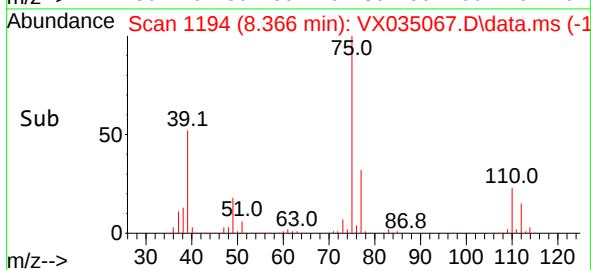
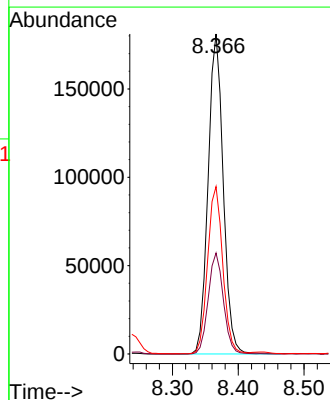
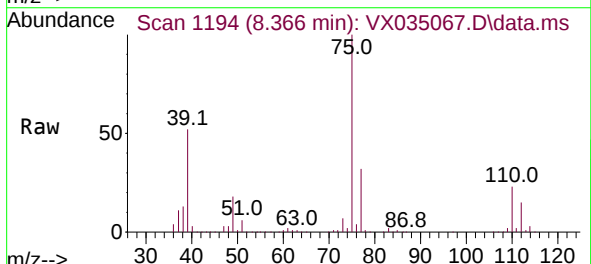
APPROVED

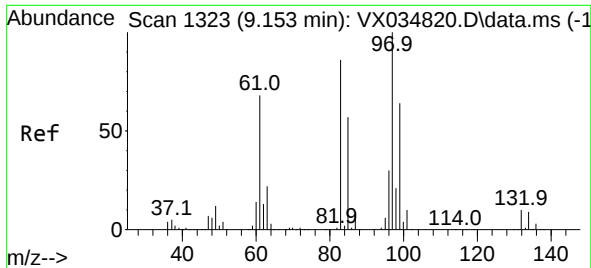
Reviewed By :John Carlone 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023



#54
 cis-1,3-Dichloropropene
 Concen: 58.071 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX035067.D
 Acq: 13 Apr 2023 16:49

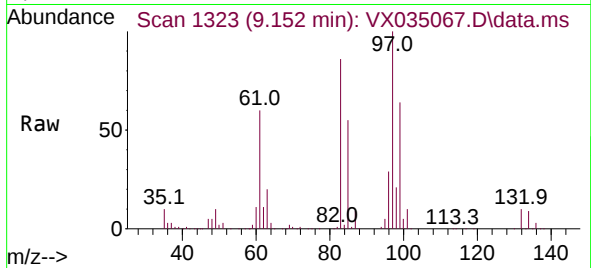
Tgt Ion: 75 Resp: 289534
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.0 37.4
 39 52.2 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 56.690 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

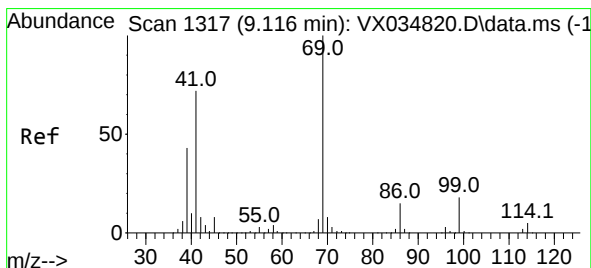
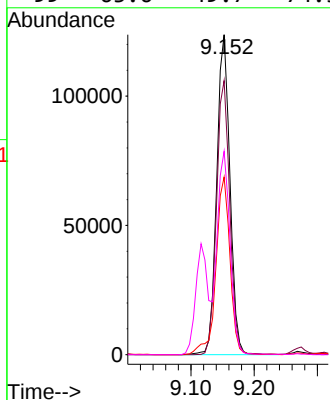
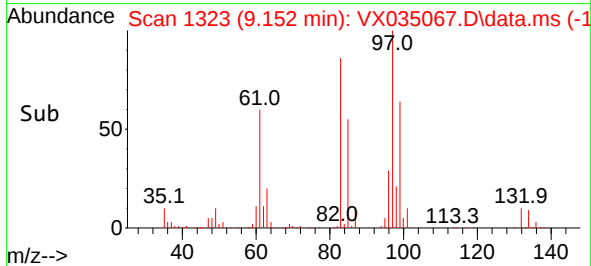
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



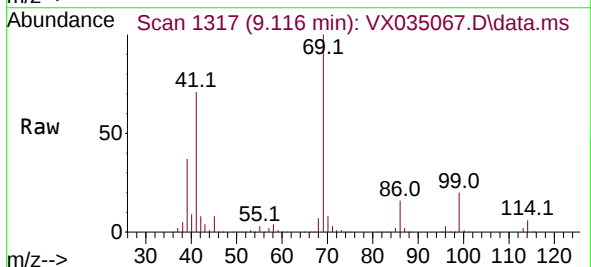
Tgt Ion: 97 Resp: 178894
Ion Ratio Lower Upper
97 100
83 85.7 69.7 104.5
85 55.5 43.7 65.5
99 63.6 49.7 74.5

Manual Integrations
APPROVED

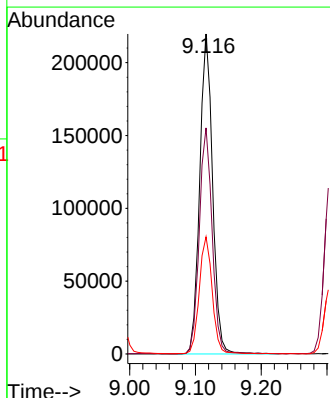
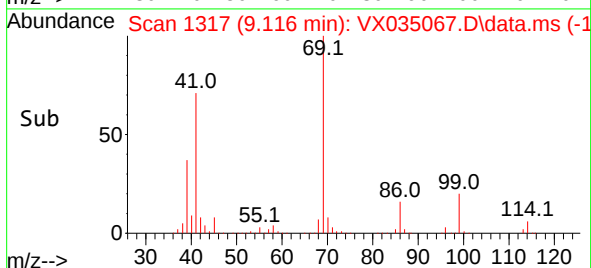
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

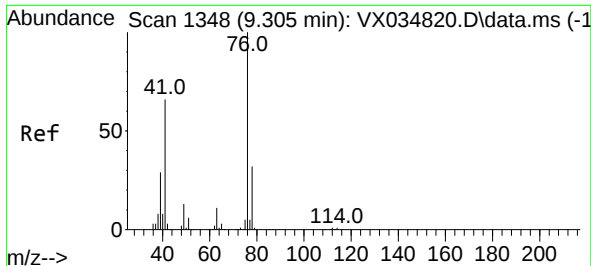


#56
Ethyl methacrylate
Concen: 60.421 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49



Tgt Ion: 69 Resp: 298738
Ion Ratio Lower Upper
69 100
41 70.6 57.4 86.0
39 36.5 33.7 50.5





#57

1,3-Dichloropropane

Concen: 55.776 ug/l

RT: 9.305 min Scan# 1170

Delta R.T. -0.000 min

Lab File: VX035067.D

Acq: 13 Apr 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 311709

Ion Ratio Lower Upper

76 100

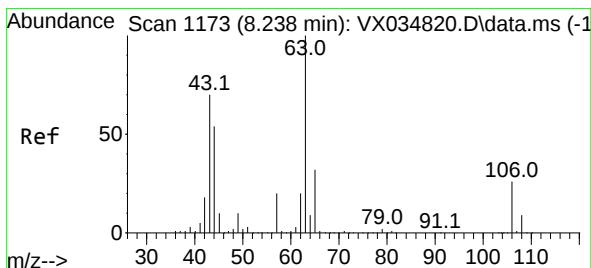
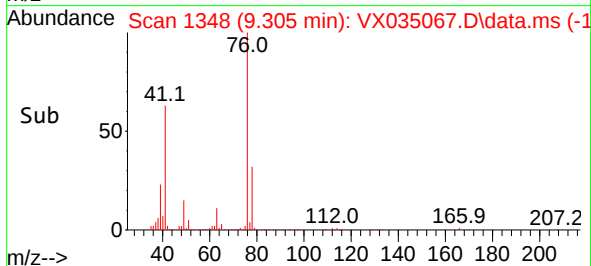
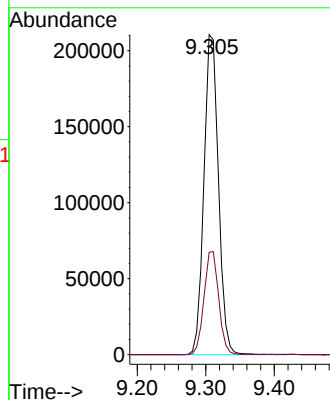
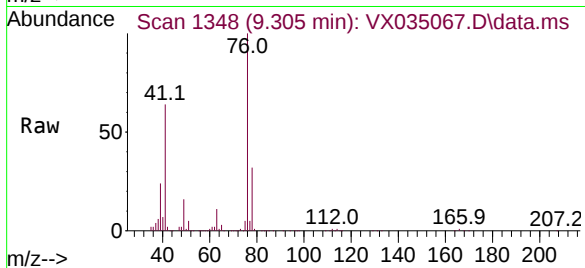
78 32.7 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#58

2-Chloroethyl Vinyl ether

Concen: 304.412 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX035067.D

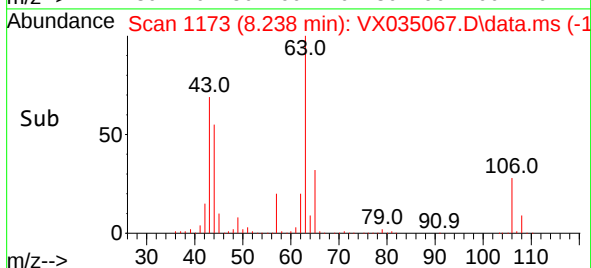
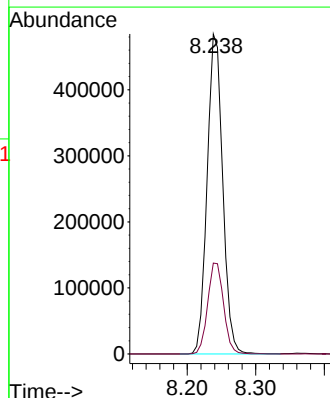
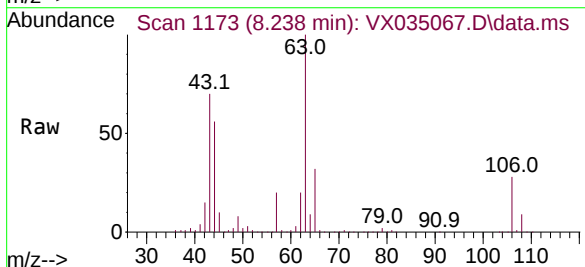
Acq: 13 Apr 2023 16:49

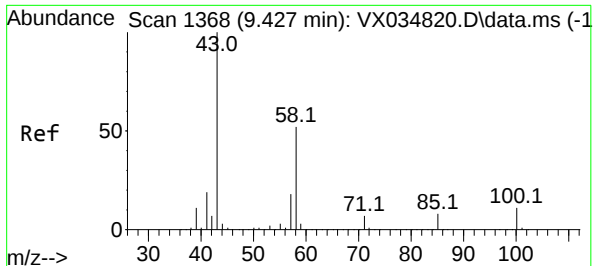
Tgt Ion: 63 Resp: 766357

Ion Ratio Lower Upper

63 100

106 29.0 22.2 33.2





#59

2-Hexanone

Concen: 299.919 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX035067.D

Acq: 13 Apr 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1046230

Ion Ratio Lower Upper

43 100

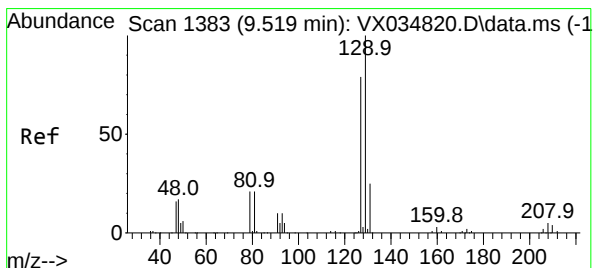
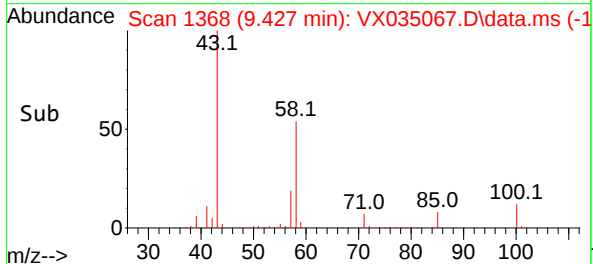
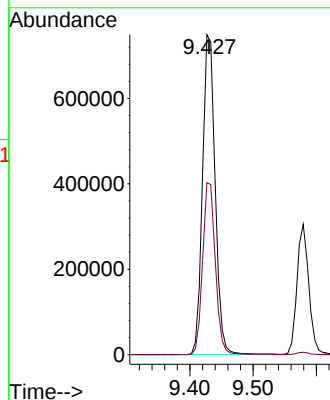
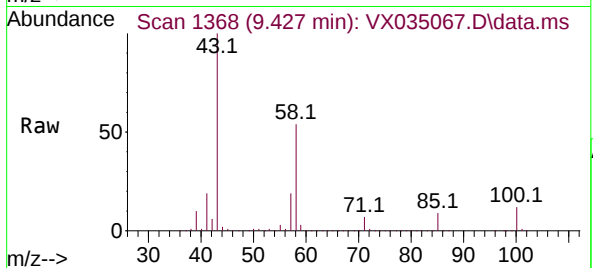
58 54.1 26.3 78.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#60

Dibromochloromethane

Concen: 59.032 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX035067.D

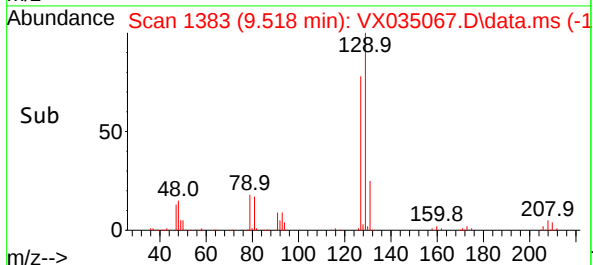
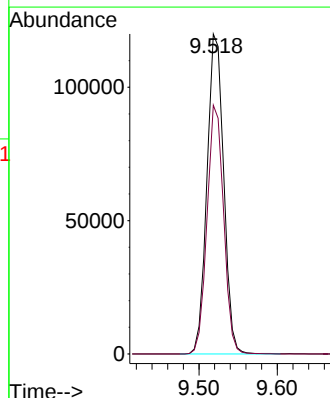
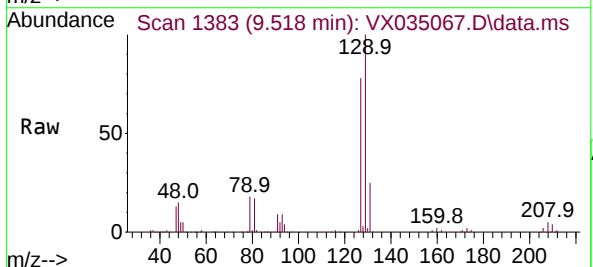
Acq: 13 Apr 2023 16:49

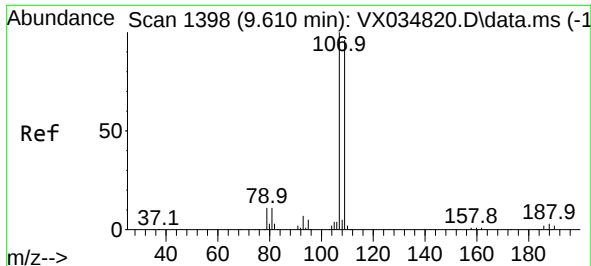
Tgt Ion:129 Resp: 177455

Ion Ratio Lower Upper

129 100

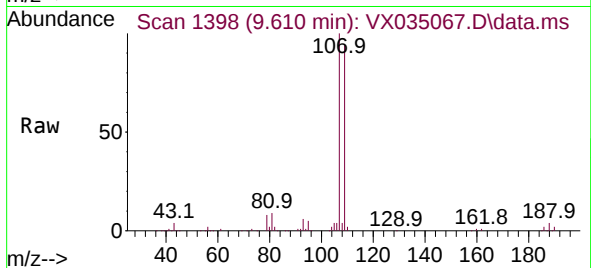
127 77.1 39.0 117.0





#61
1,2-Dibromoethane
Concen: 58.617 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

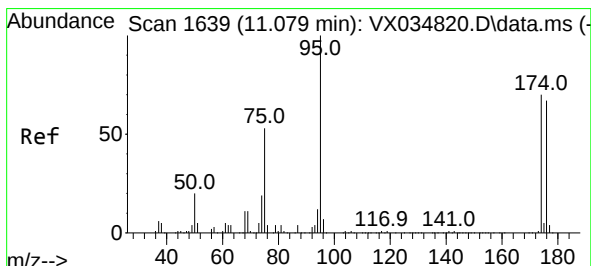
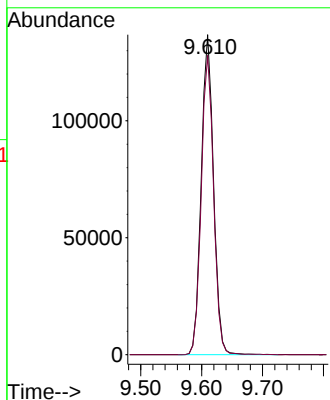
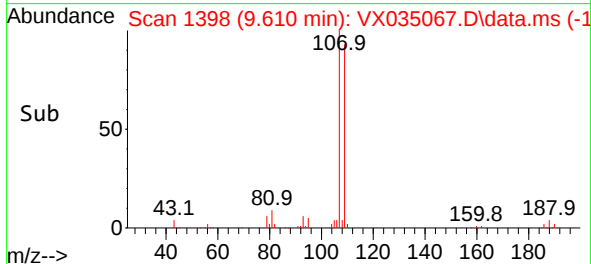
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



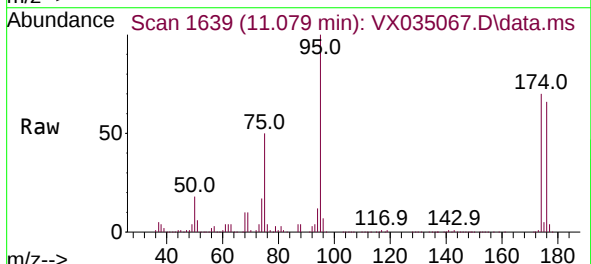
Tgt Ion:107 Resp: 192349
Ion Ratio Lower Upper
107 100
109 93.9 75.3 112.9

Manual Integrations
APPROVED

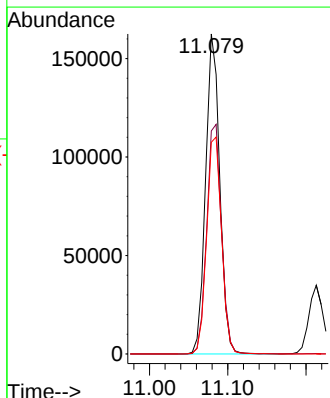
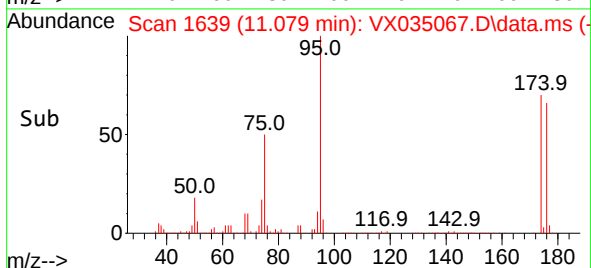
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

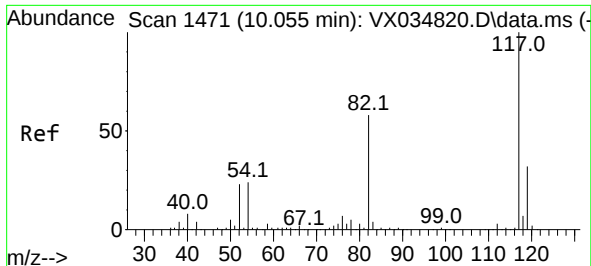


#62
4-Bromofluorobenzene
Concen: 47.404 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49



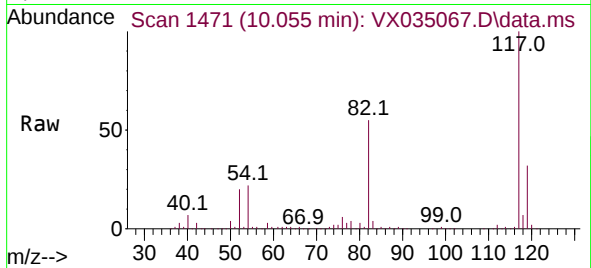
Tgt Ion: 95 Resp: 203592
Ion Ratio Lower Upper
95 100
174 74.7 0.0 147.4
176 71.4 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

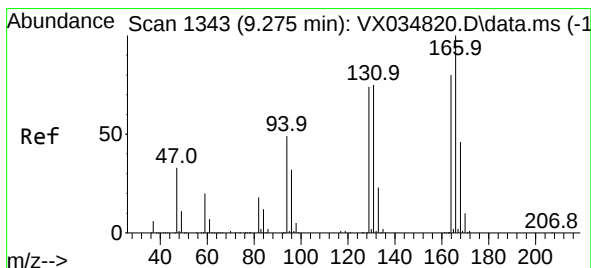
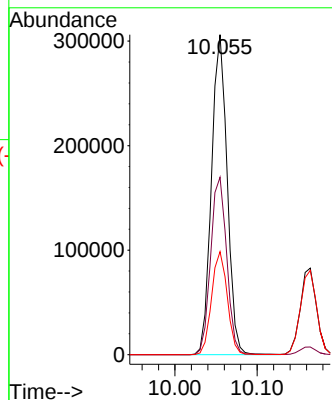
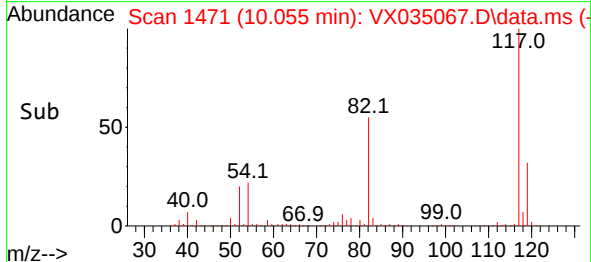
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 404405
Ion Ratio Lower Upper
117 100
82 55.4 45.0 67.4
119 32.2 26.0 39.0

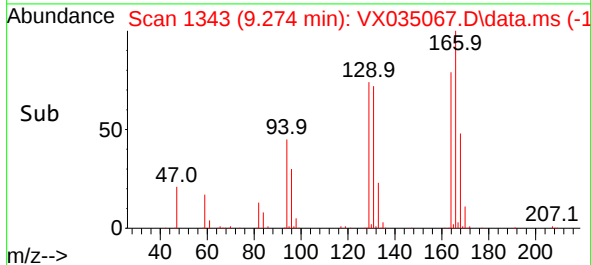
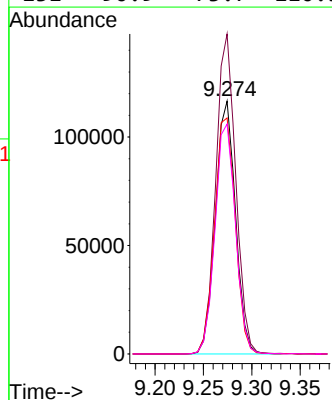
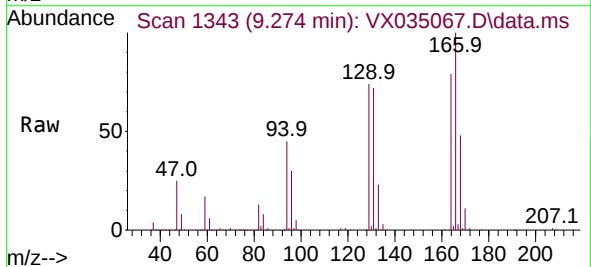
Manual Integrations
APPROVED

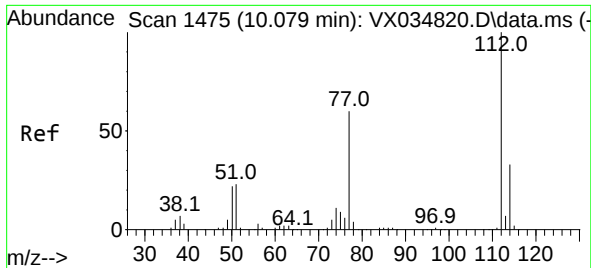
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#64
Tetrachloroethene
Concen: 57.897 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

Tgt Ion:164 Resp: 167559
Ion Ratio Lower Upper
164 100
166 126.6 102.7 154.1
129 93.3 75.6 113.4
131 90.9 73.7 110.5





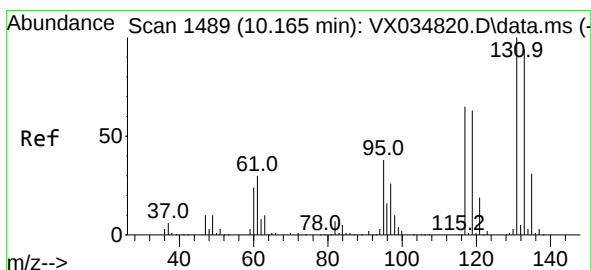
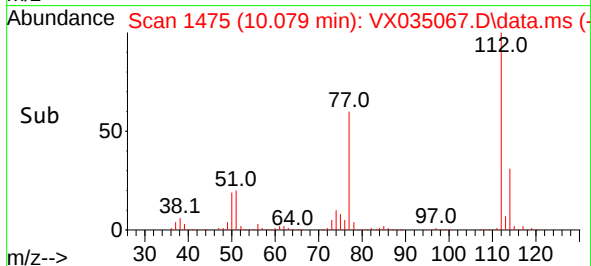
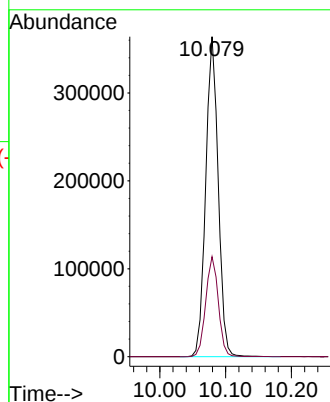
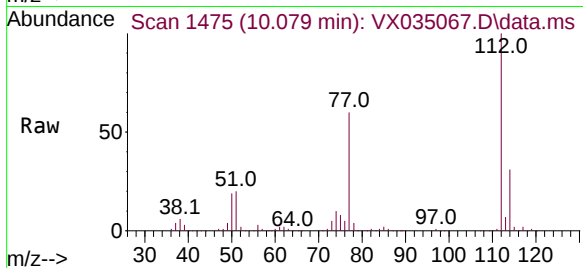
#65
Chlorobenzene
Concen: 57.015 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 47973
Ion Ratio Lower Upper
112 100
114 31.2 26.2 39.2

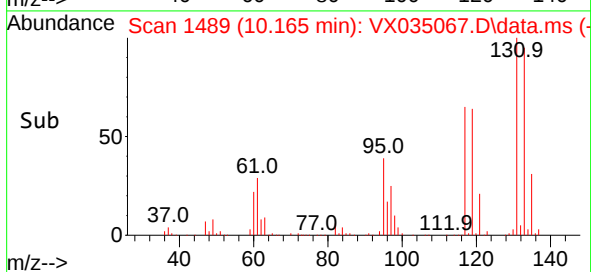
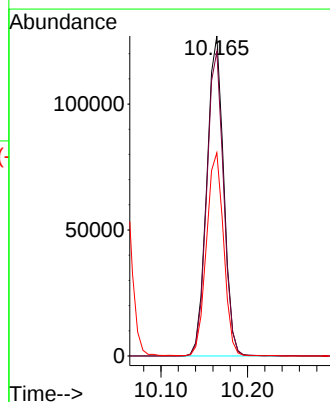
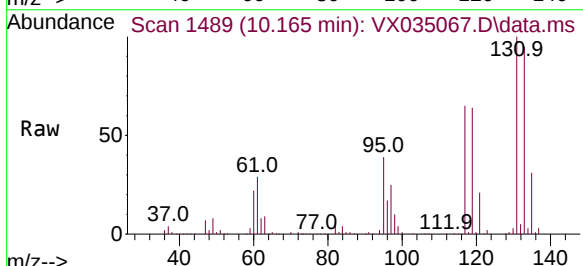
Manual Integrations
APPROVED

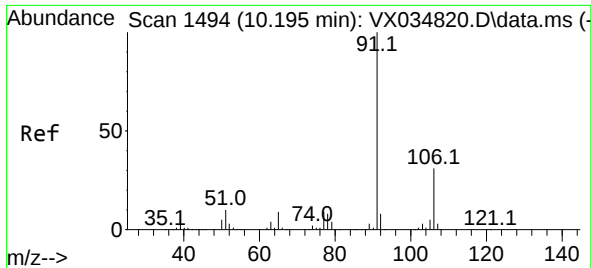
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 59.323 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

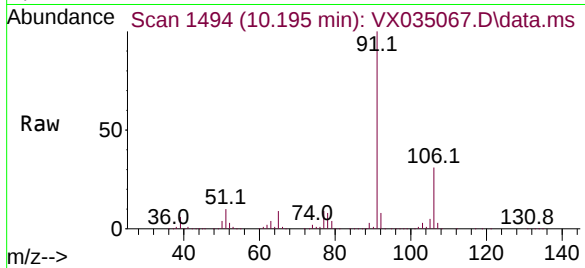
Tgt Ion:131 Resp: 171638
Ion Ratio Lower Upper
131 100
133 95.1 47.1 141.4
119 64.5 32.6 98.0





#67
Ethyl Benzene
Concen: 57.163 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

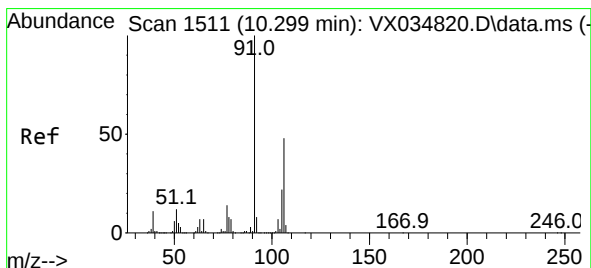
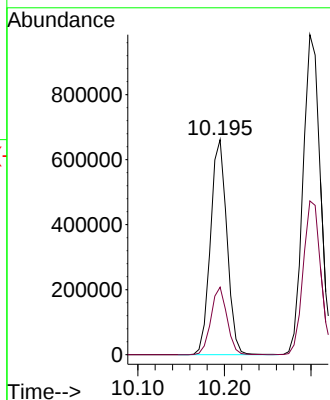
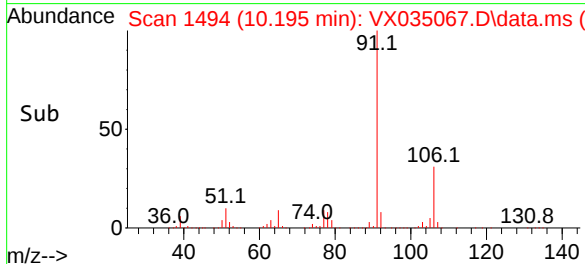
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



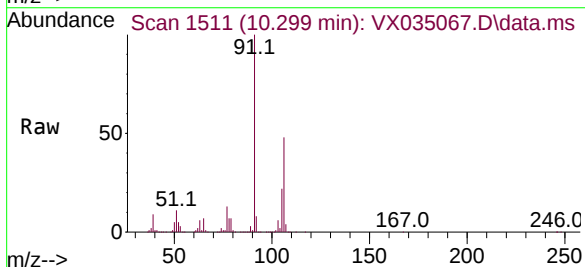
Tgt Ion: 91 Resp: 871320
Ion Ratio Lower Upper
91 100
106 31.4 25.6 38.4

Manual Integrations
APPROVED

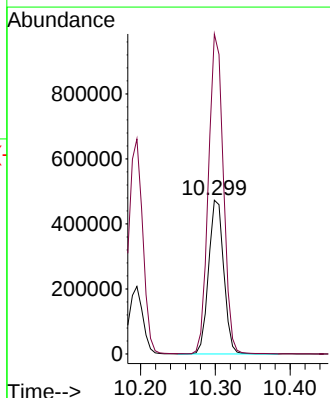
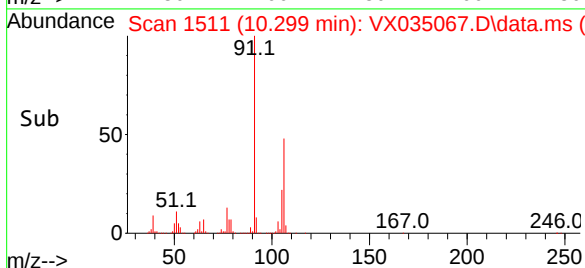
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

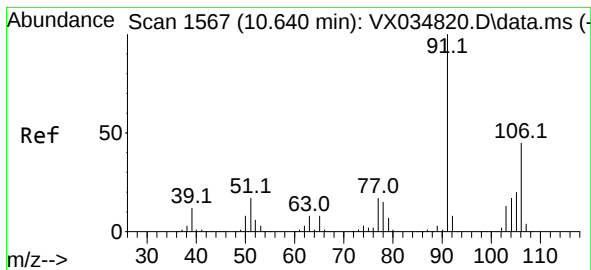


#68
m/p-Xylenes
Concen: 113.928 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49



Tgt Ion:106 Resp: 663355
Ion Ratio Lower Upper
106 100
91 205.8 164.0 246.0





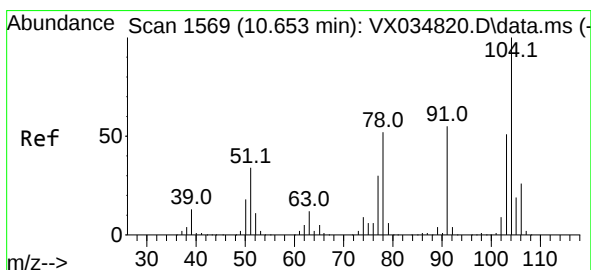
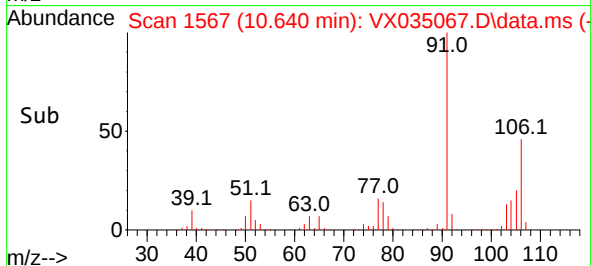
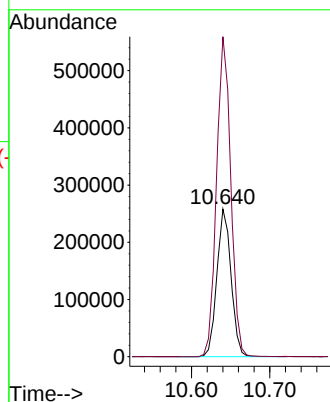
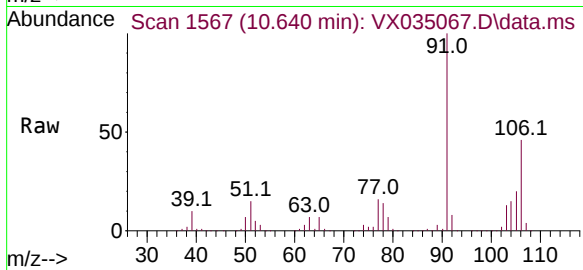
#69
o-Xylene
Concen: 56.843 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 324231
Ion Ratio Lower Upper
106 100
91 217.8 108.5 325.3

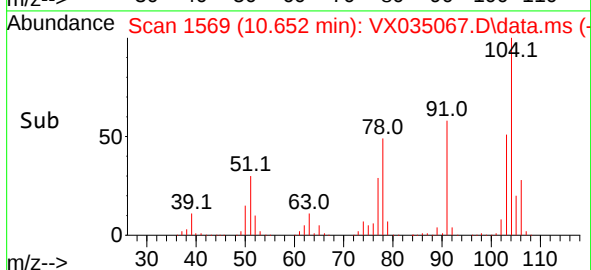
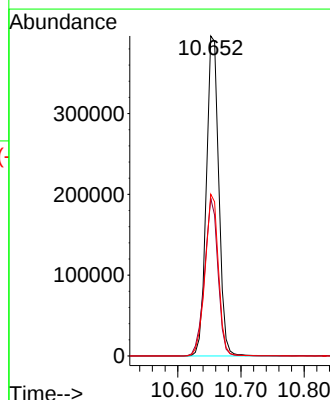
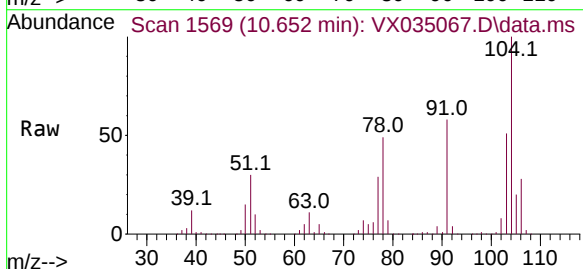
Manual Integrations
APPROVED

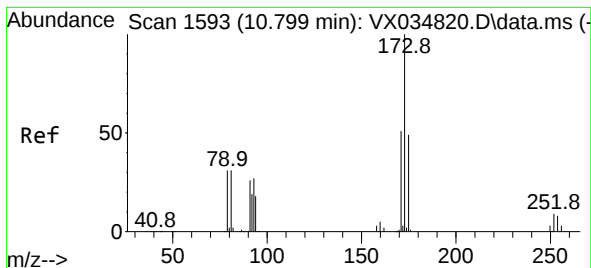
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#70
Styrene
Concen: 59.615 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.001 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

Tgt Ion:104 Resp: 542831
Ion Ratio Lower Upper
104 100
78 52.9 43.4 65.2
103 54.4 44.2 66.2





#71

Bromoform

Concen: 61.663 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX035067.D

Acq: 13 Apr 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

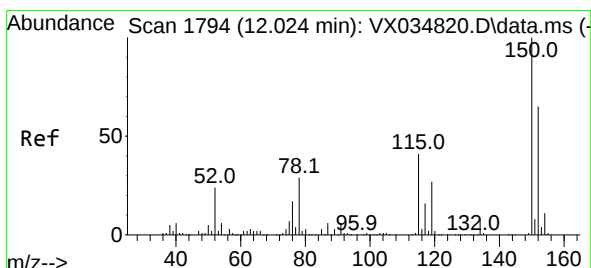
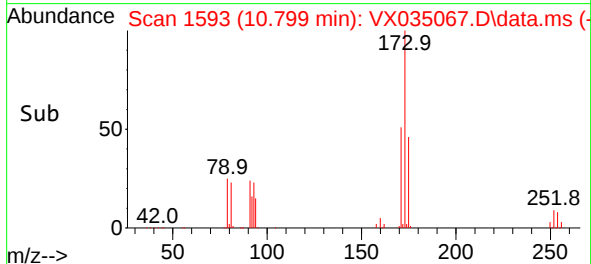
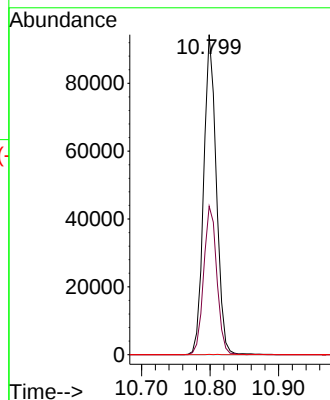
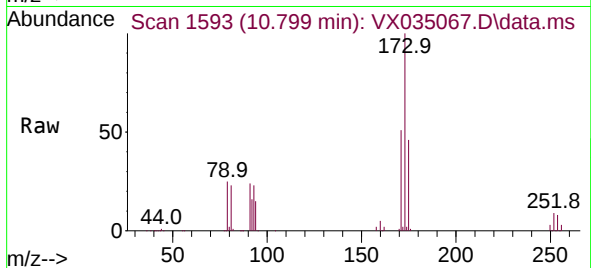
Tgt Ion:173	Resp: 12134
Ion Ratio	Lower Upper
173	100
175	48.2 24.1 72.4
254	0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

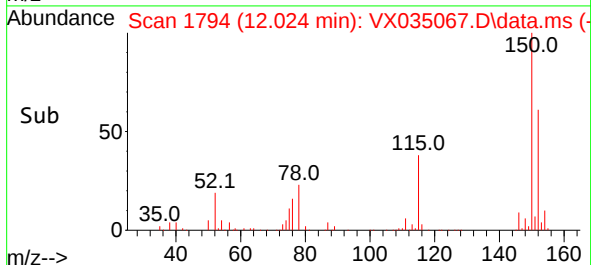
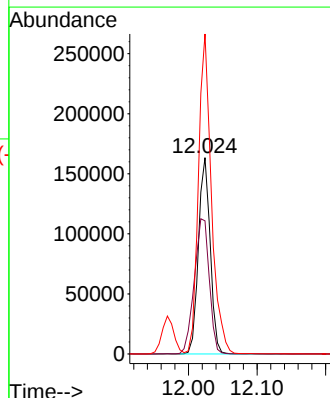
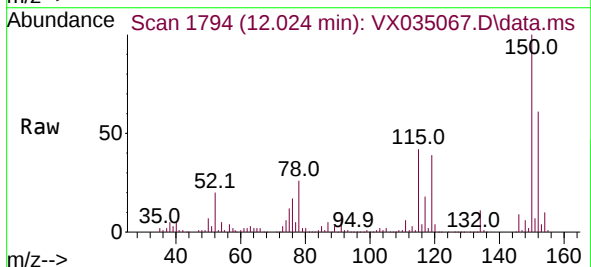
RT: 12.024 min Scan# 1794

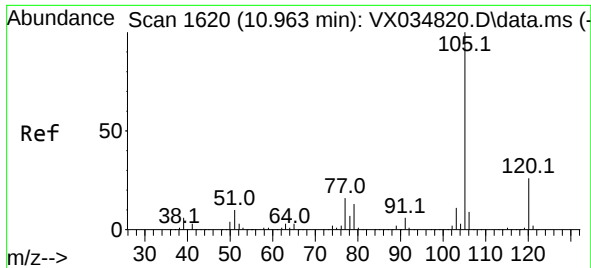
Delta R.T. -0.000 min

Lab File: VX035067.D

Acq: 13 Apr 2023 16:49

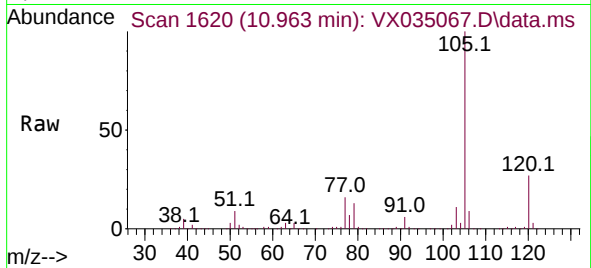
Tgt Ion:152	Resp: 195286
Ion Ratio	Lower Upper
152	100
115	87.8 45.0 135.0
150	180.0 0.0 352.4





#73
Isopropylbenzene
Concen: 57.725 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

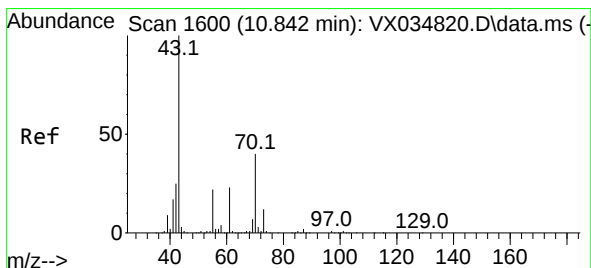
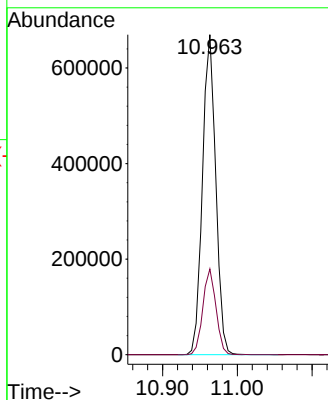
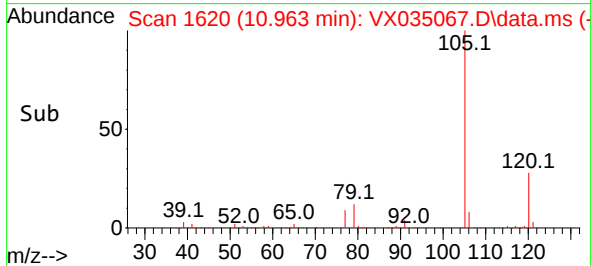
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



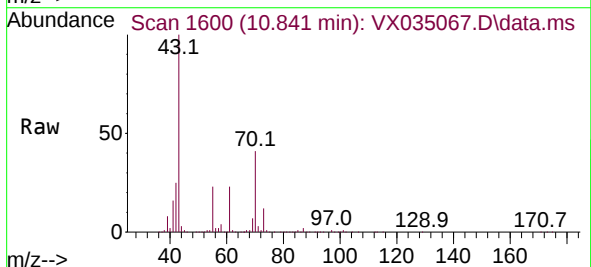
Tgt Ion:105 Resp: 82574
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9

Manual Integrations
APPROVED

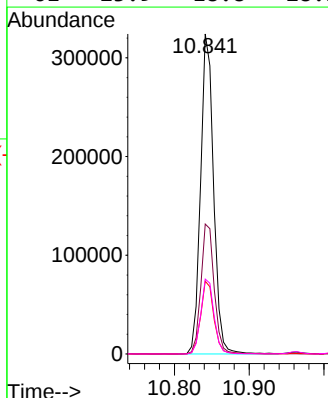
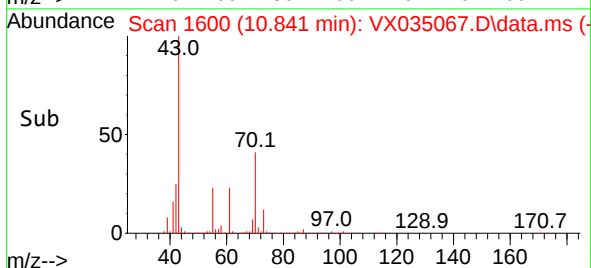
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

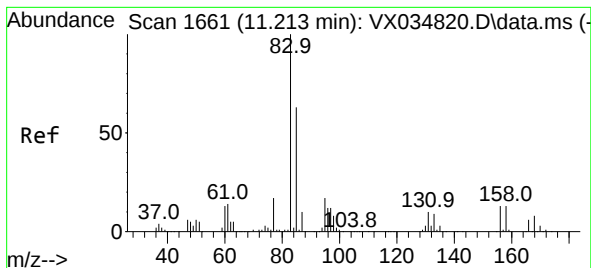


#74
N-ethyl acetate
Concen: 60.834 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49



Tgt Ion: 43 Resp: 391260
Ion Ratio Lower Upper
43 100
70 41.7 32.1 48.1
55 23.2 18.3 27.5
61 23.9 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 57.325 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX035067.D

Acq: 13 Apr 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 268760

Ion Ratio Lower Upper

83 100

131 10.3 4.8 14.3

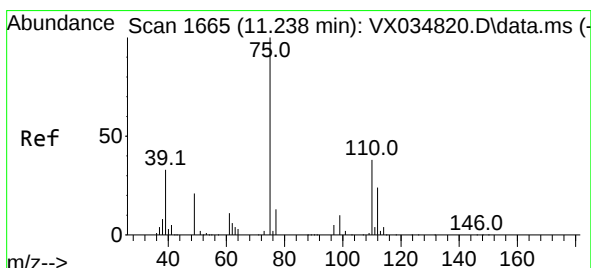
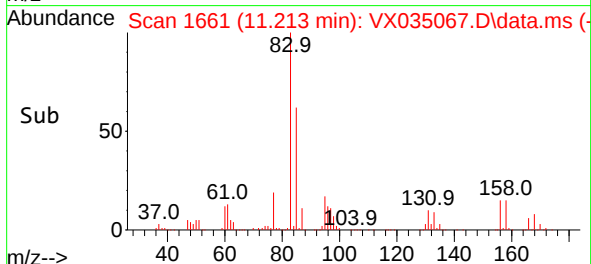
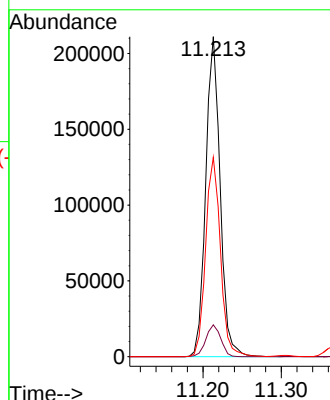
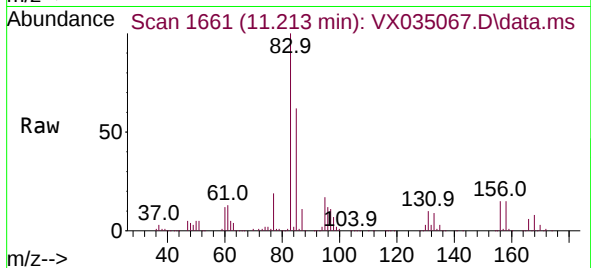
85 64.1 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#76

1,2,3-Trichloropropane

Concen: 57.186 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX035067.D

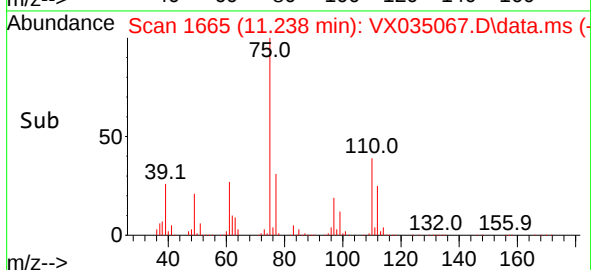
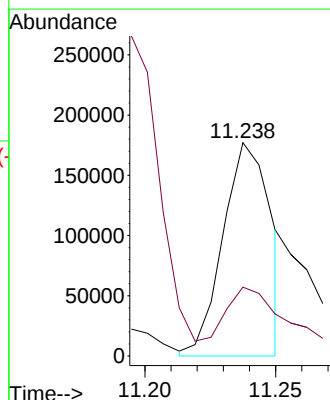
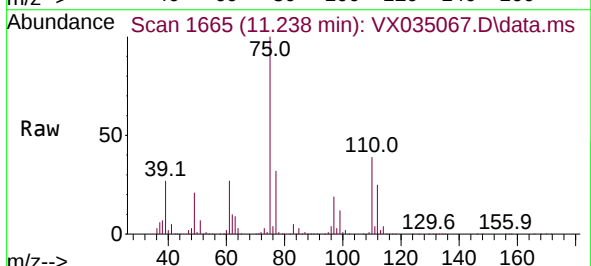
Acq: 13 Apr 2023 16:49

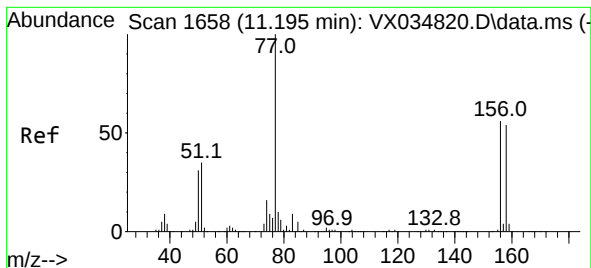
Tgt Ion: 75 Resp: 225021

Ion Ratio Lower Upper

75 100

77 44.0 21.6 64.8





#77

Bromobenzene

Concen: 56.682 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX035067.D

Acq: 13 Apr 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

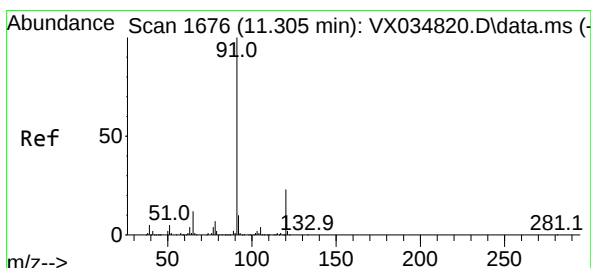
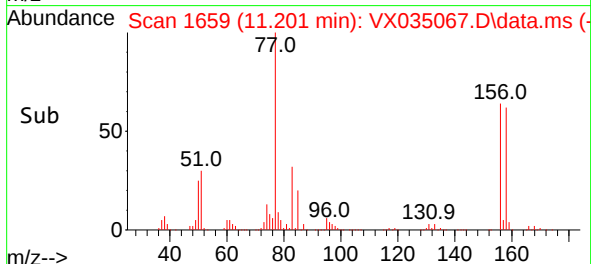
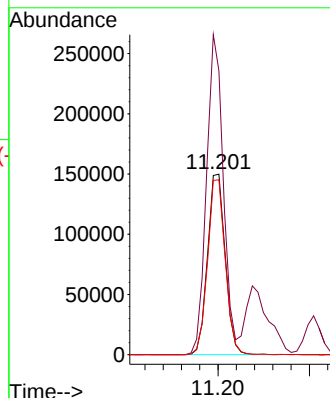
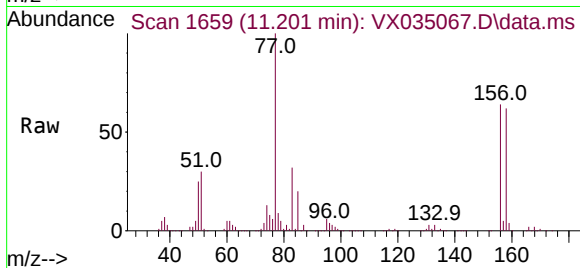
Tgt Ion:	156	Resp:	200900
Ion Ratio	Lower	Upper	
156	100		
77	167.9	86.7	259.9
158	96.7	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#78

n-propylbenzene

Concen: 56.319 ug/l

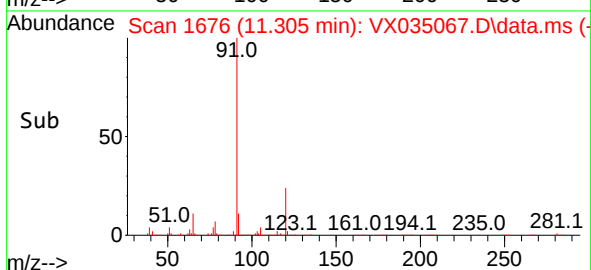
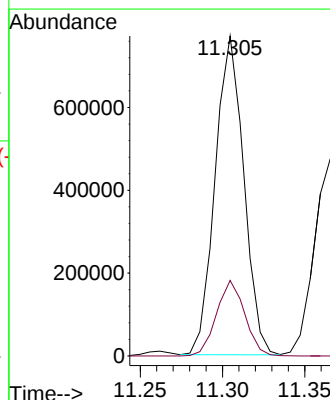
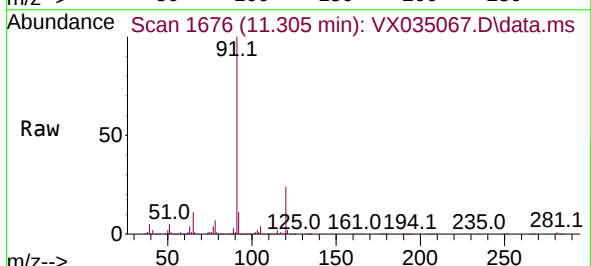
RT: 11.305 min Scan# 1676

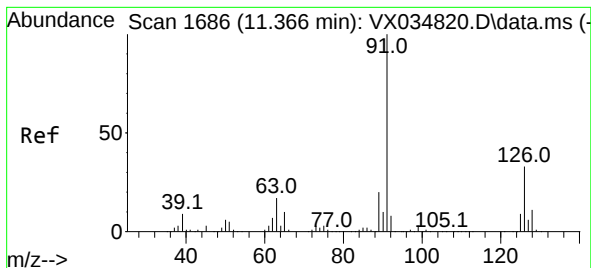
Delta R.T. -0.000 min

Lab File: VX035067.D

Acq: 13 Apr 2023 16:49

Tgt Ion:	91	Resp:	930665
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.5	34.5





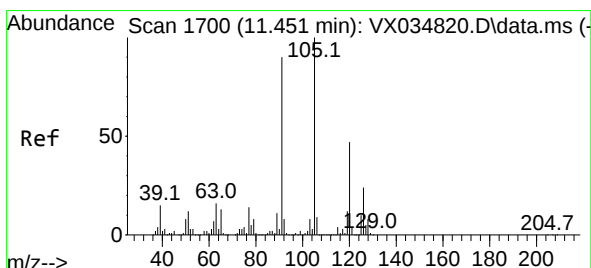
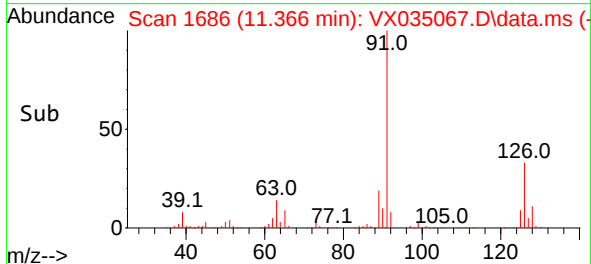
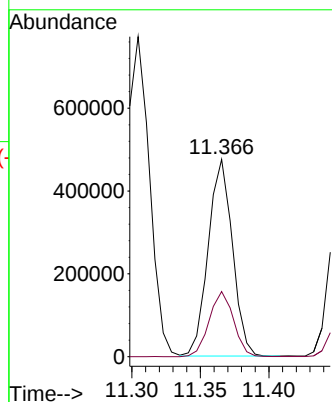
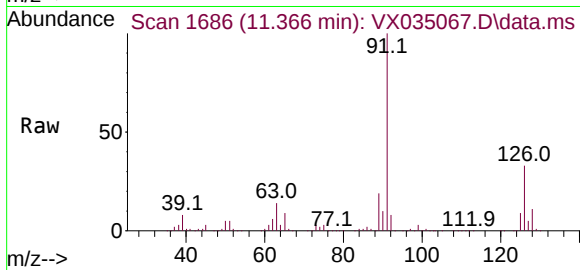
#79
2-Chlorotoluene
Concen: 56.020 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 584479
Ion Ratio Lower Upper
91 100
126 33.3 16.3 48.9

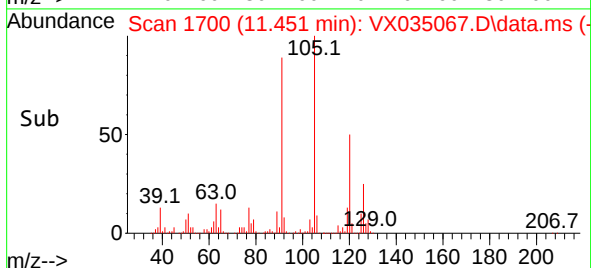
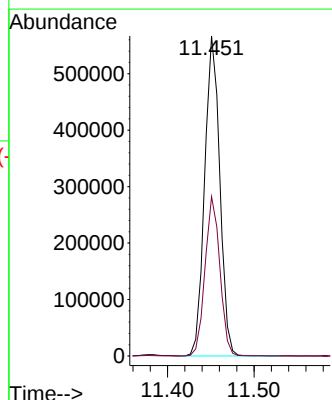
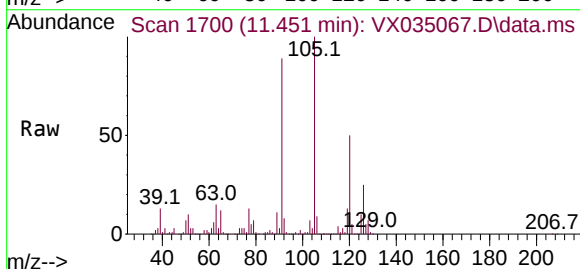
Manual Integrations
APPROVED

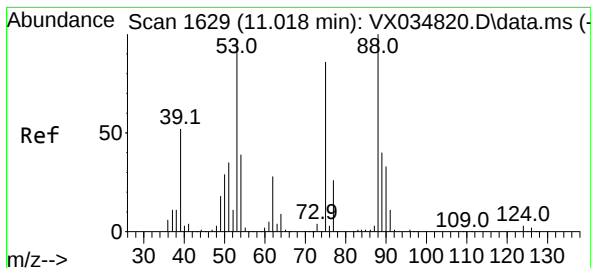
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#80
1,3,5-Trimethylbenzene
Concen: 57.456 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

Tgt Ion:105 Resp: 687193
Ion Ratio Lower Upper
105 100
120 48.7 23.7 71.1





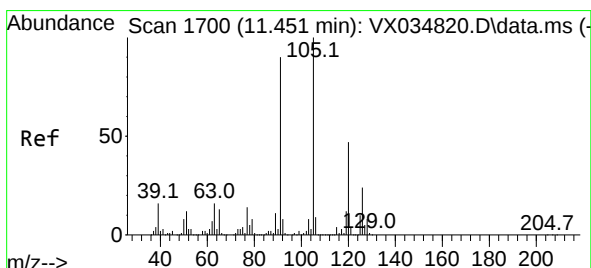
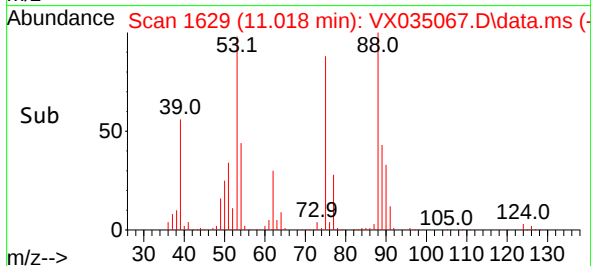
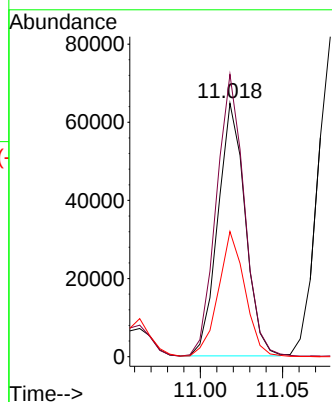
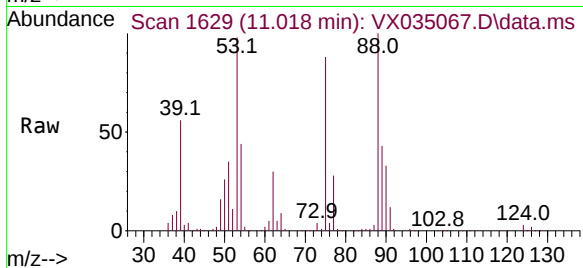
#81
trans-1,4-Dichloro-2-butene
Concen: 56.968 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 7479
Ion Ratio Lower Upper
75 100
53 114.2 82.6 124.0
89 48.4 36.9 55.3

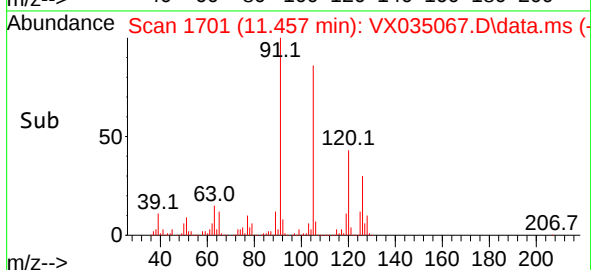
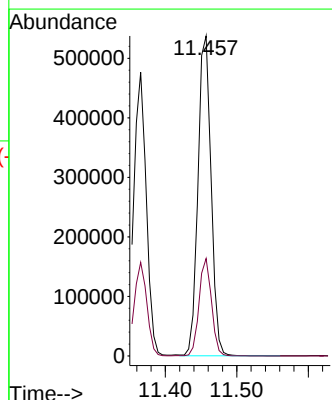
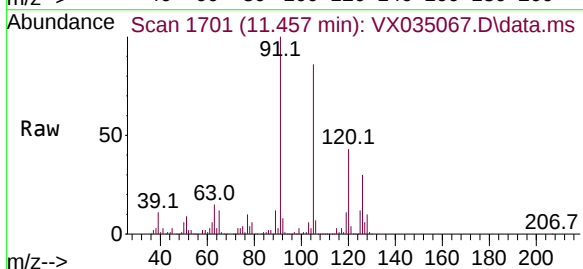
Manual Integrations
APPROVED

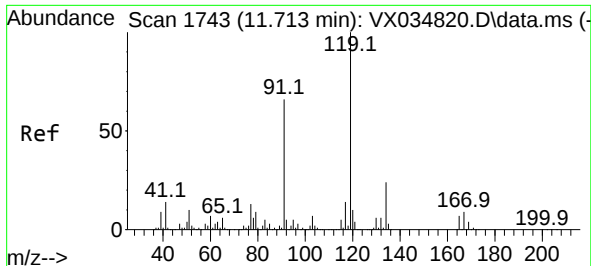
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#82
4-Chlorotoluene
Concen: 56.298 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

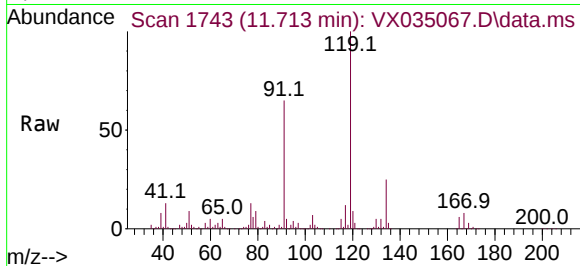
Tgt Ion: 91 Resp: 682106
Ion Ratio Lower Upper
91 100
126 29.0 14.2 42.6





#83
tert-Butylbenzene
Concen: 58.400 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

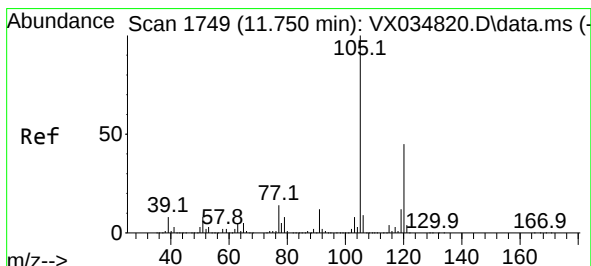
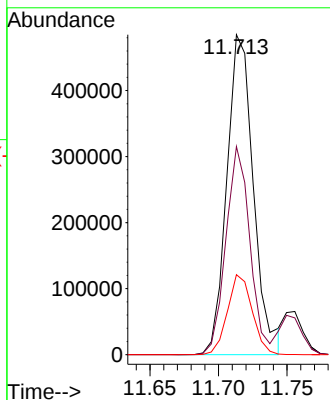
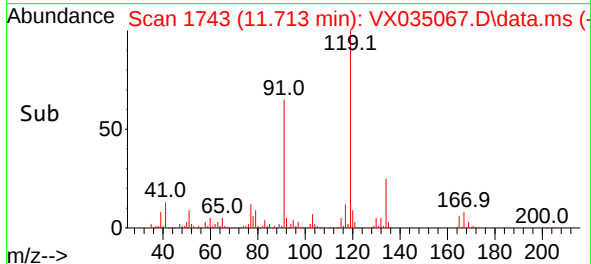
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



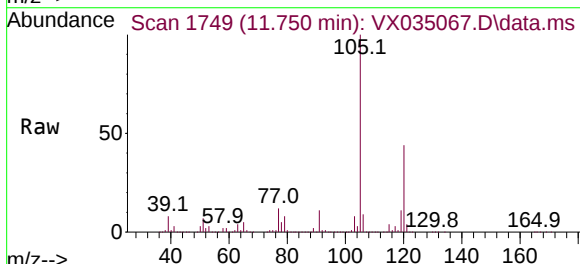
Tgt Ion:119 Resp: 655908
Ion Ratio Lower Upper
119 100
91 58.7 30.6 92.0
134 23.3 11.8 35.4

Manual Integrations
APPROVED

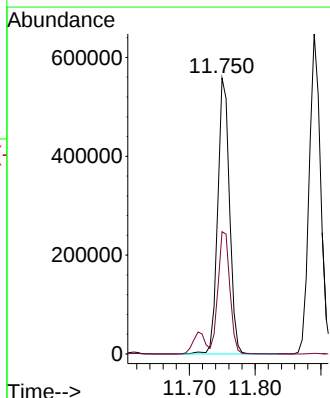
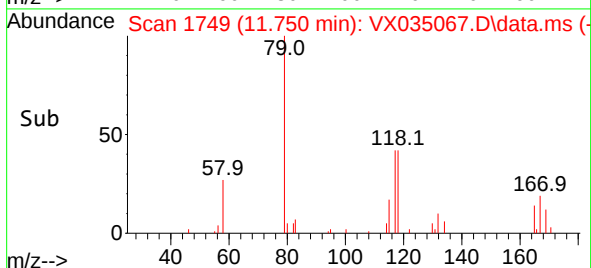
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

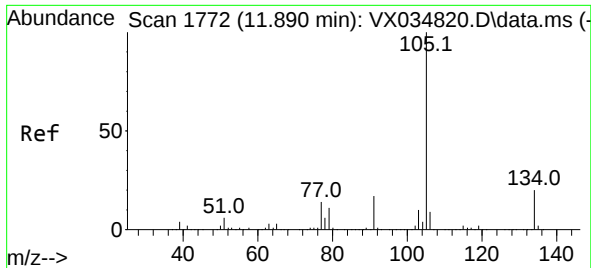


#84
1,2,4-Trimethylbenzene
Concen: 57.099 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49



Tgt Ion:105 Resp: 694489
Ion Ratio Lower Upper
105 100
120 44.5 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 56.797 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX035067.D
 Acq: 13 Apr 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

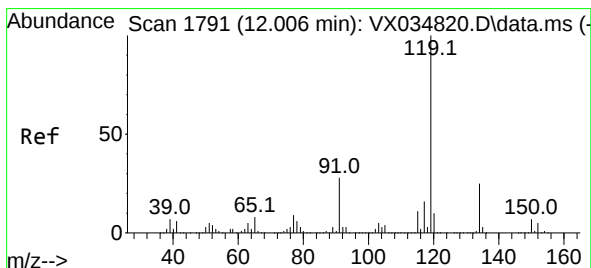
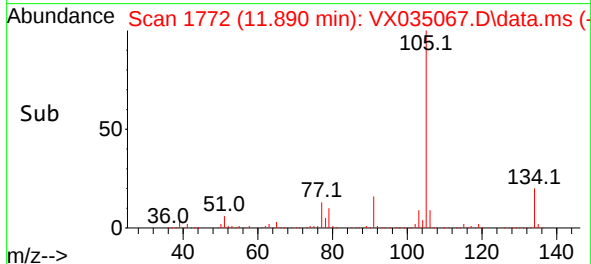
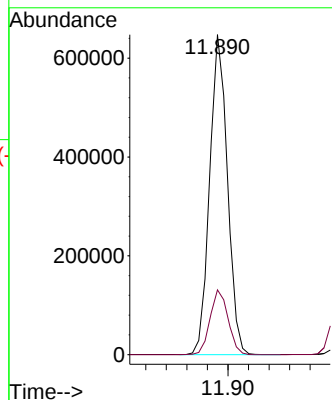
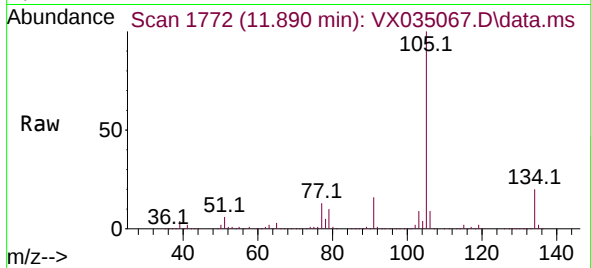
VSTDCCC050EC

Tgt Ion:105 Resp: 776052
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.4

Manual Integrations

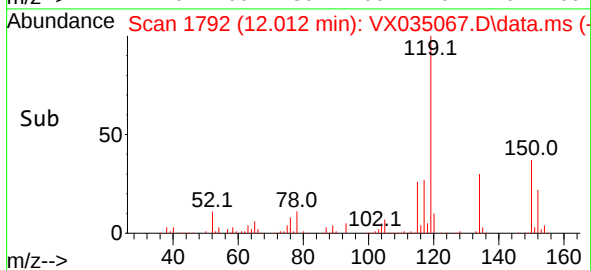
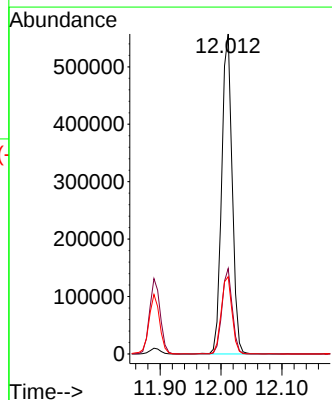
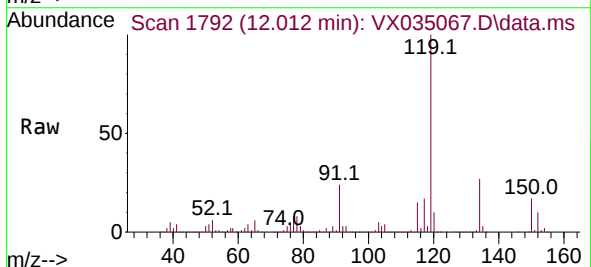
APPROVED

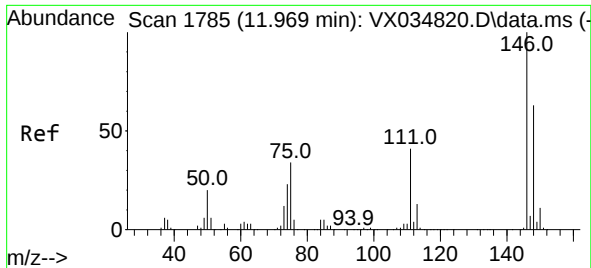
Reviewed By :John Carlone 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023



#86
 p-Isopropyltoluene
 Concen: 58.366 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX035067.D
 Acq: 13 Apr 2023 16:49

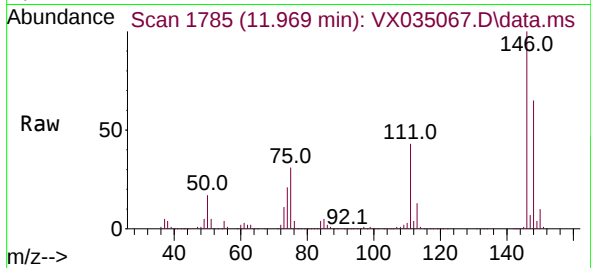
Tgt Ion:119 Resp: 664982
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.5
 91 24.9 12.9 38.7





#87
1,3-Dichlorobenzene
Concen: 57.807 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

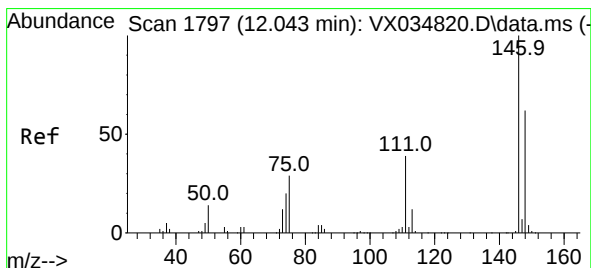
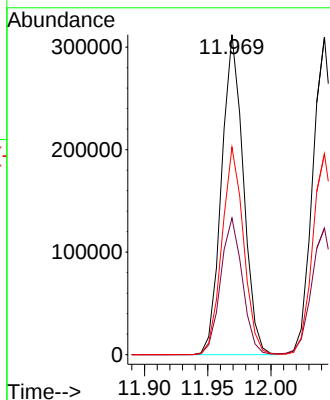
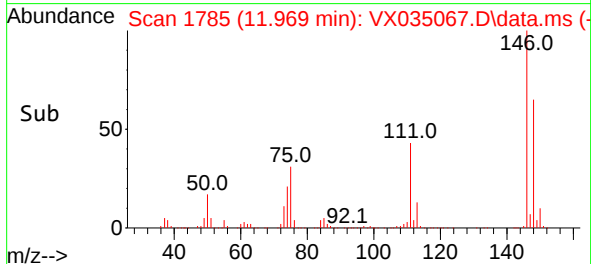
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



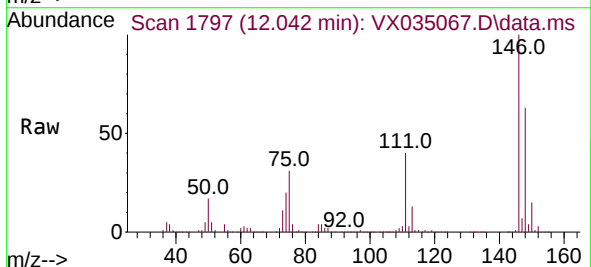
Tgt Ion:146 Resp: 373145
Ion Ratio Lower Upper
146 100
111 42.7 20.9 62.8
148 64.4 31.6 95.0

Manual Integrations
APPROVED

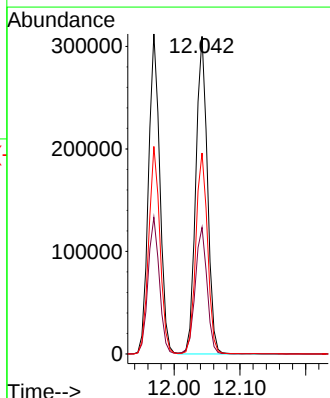
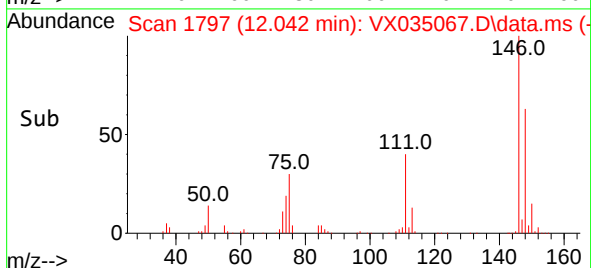
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

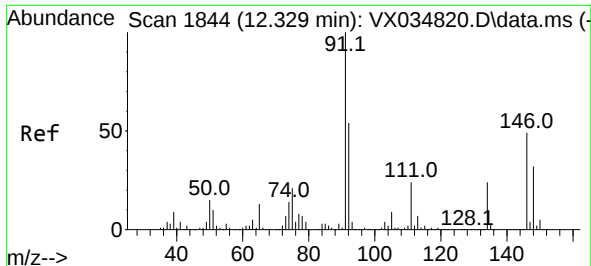


#88
1,4-Dichlorobenzene
Concen: 56.285 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.001 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49



Tgt Ion:146 Resp: 379465
Ion Ratio Lower Upper
146 100
111 40.5 20.6 61.9
148 63.6 31.8 95.4





#89

n-Butylbenzene

Concen: 56.923 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX035067.D

Acq: 13 Apr 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

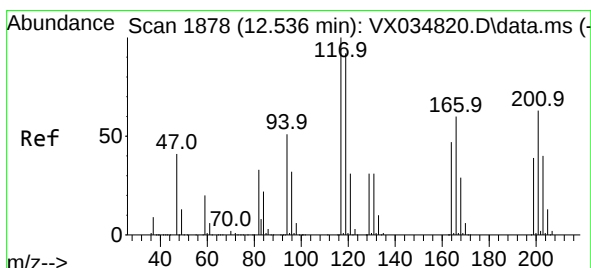
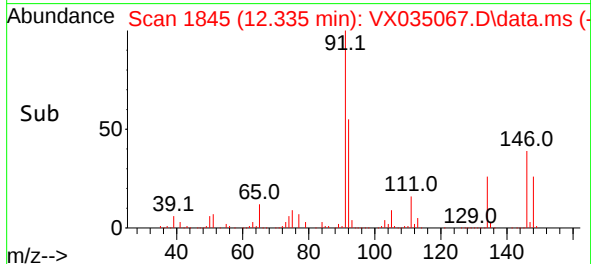
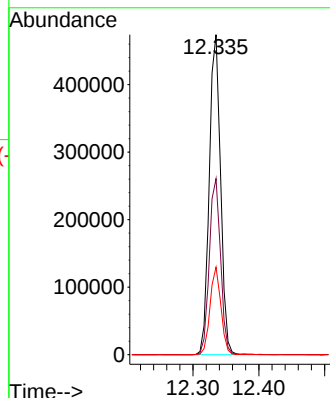
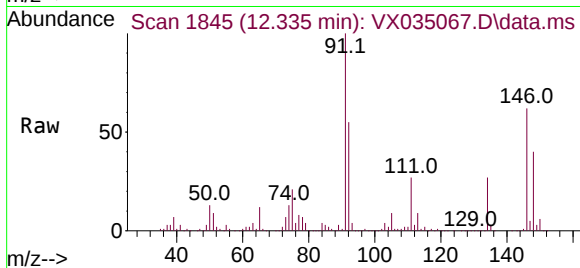
Tgt Ion: 91	Resp: 56662
Ion Ratio	Lower Upper
91	100
92	54.8 27.7 83.0
134	26.3 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#90

Hexachloroethane

Concen: 58.018 ug/l

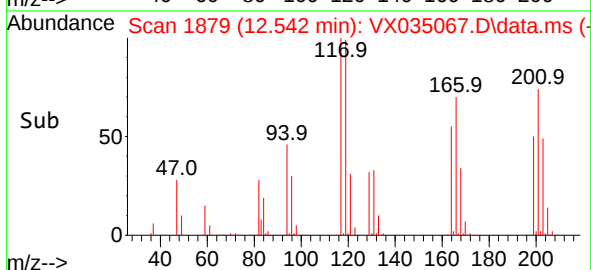
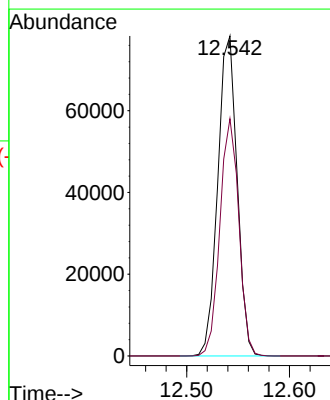
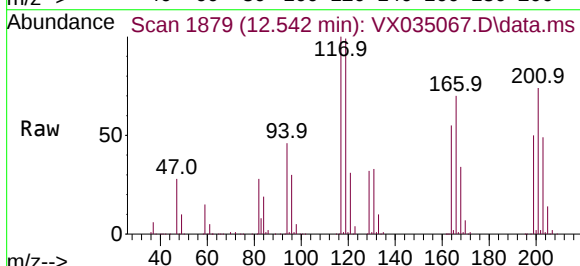
RT: 12.542 min Scan# 1879

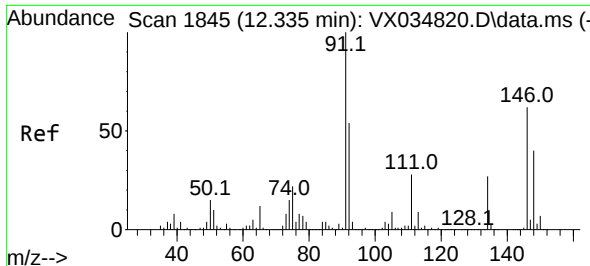
Delta R.T. 0.006 min

Lab File: VX035067.D

Acq: 13 Apr 2023 16:49

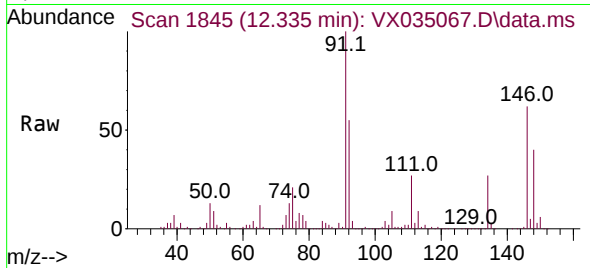
Tgt Ion:117	Resp: 102415
Ion Ratio	Lower Upper
117	100
201	72.4 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 56.665 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

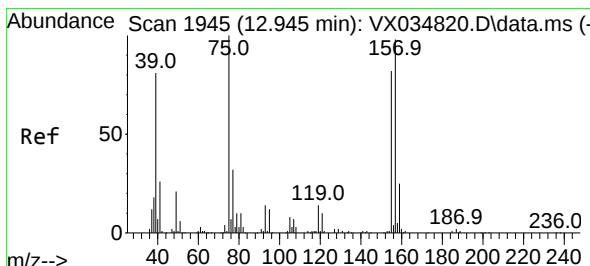
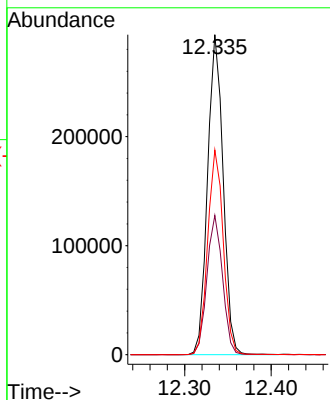
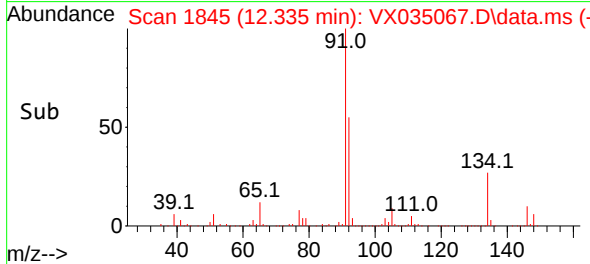
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



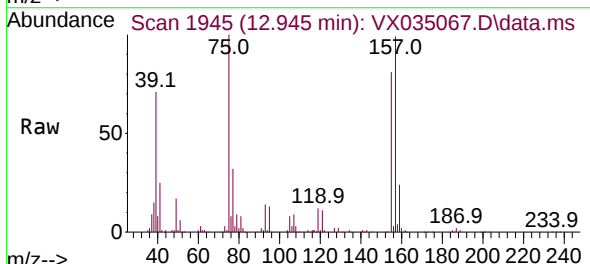
Tgt Ion:146 Resp: 36632
Ion Ratio Lower Upper
146 100
111 43.6 22.0 66.0
148 63.9 32.0 96.0

Manual Integrations
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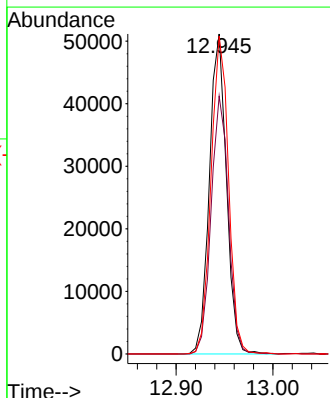
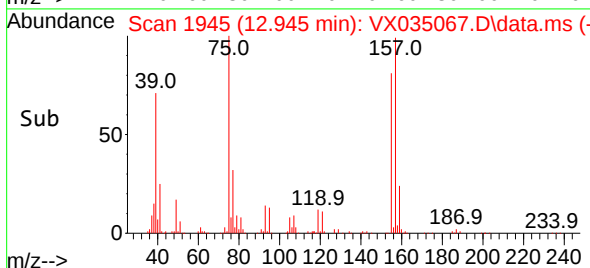
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023

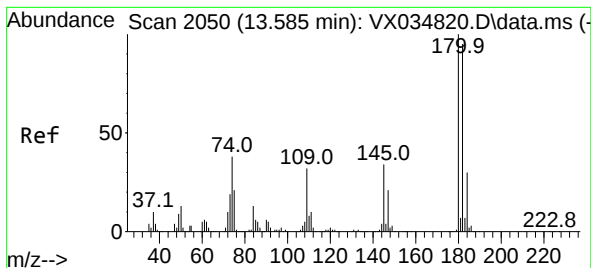


#92
1,2-Dibromo-3-Chloropropane
Concen: 64.079 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.001 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49



Tgt Ion: 75 Resp: 62709
Ion Ratio Lower Upper
75 100
155 82.2 38.4 115.1
157 101.6 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 61.117 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX035067.D

Acq: 13 Apr 2023 16:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 223469

Ion Ratio Lower Upper

180 100

182 93.9 47.0 141.0

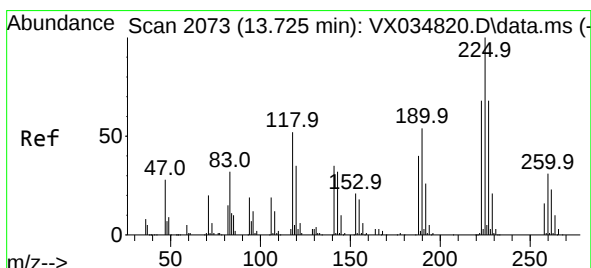
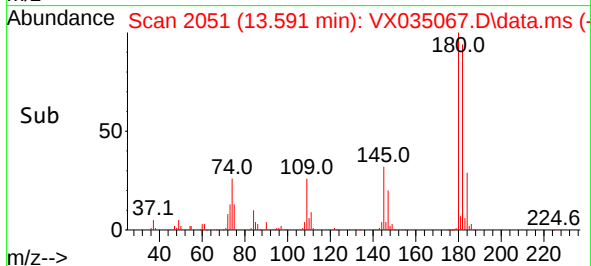
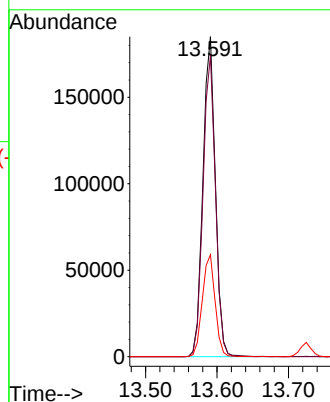
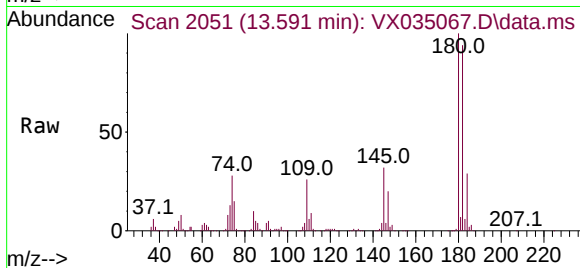
145 32.7 15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#94

Hexachlorobutadiene

Concen: 55.415 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX035067.D

Acq: 13 Apr 2023 16:49

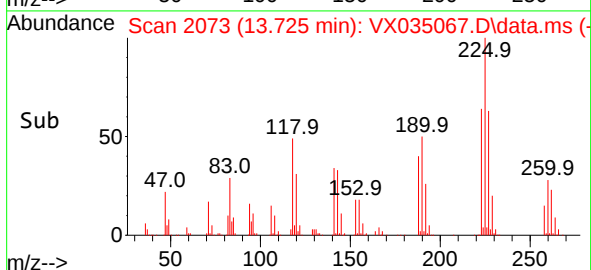
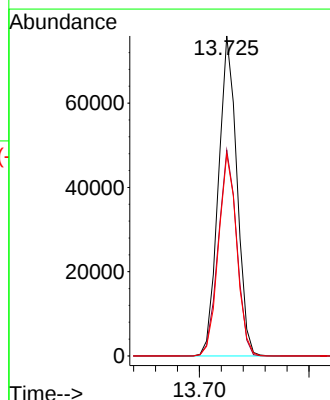
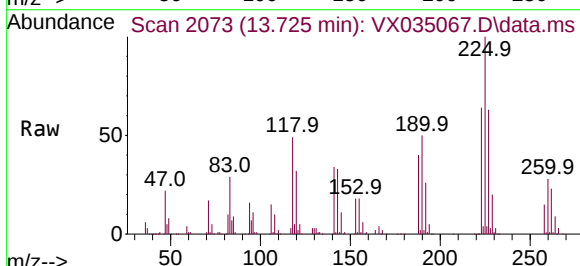
Tgt Ion:225 Resp: 89119

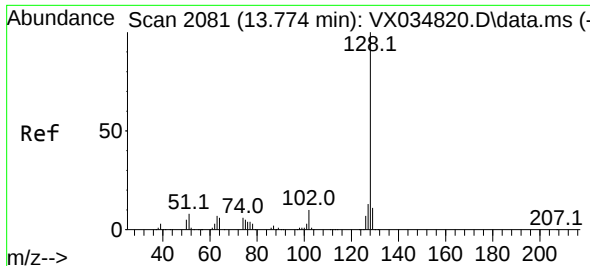
Ion Ratio Lower Upper

225 100

223 64.0 32.1 96.5

227 62.3 31.8 95.4





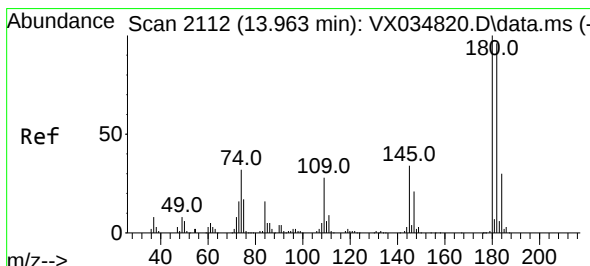
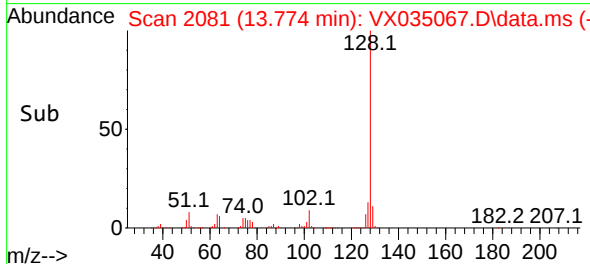
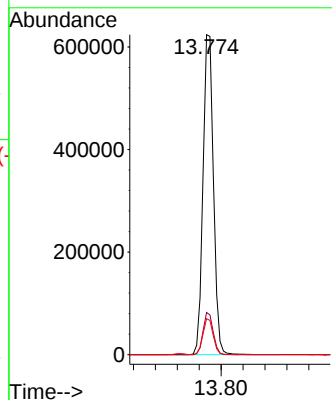
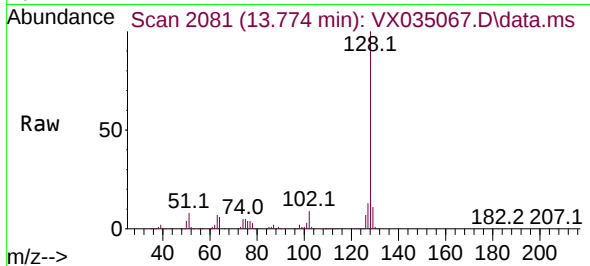
#95
Naphthalene
Concen: 63.513 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 82517
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#96
1,2,3-Trichlorobenzene
Concen: 60.987 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035067.D
Acq: 13 Apr 2023 16:49

Tgt Ion:180 Resp: 224878
Ion Ratio Lower Upper
180 100
182 94.6 48.0 144.2
145 34.1 17.7 53.1

