

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
 Data File : VX035377.D
 Acq On : 28 Apr 2023 09:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/28/2023
 Supervised By : Mahesh Dadoda 04/28/2023

Quant Time: Apr 28 11:42:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	235386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	378278	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	337144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	165510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	127970	45.063	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.120%		
35) Dibromofluoromethane	5.385	113	104922	45.191	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.380%		
50) Toluene-d8	8.647	98	385802	44.049	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.100%#		
62) 4-Bromofluorobenzene	11.079	95	145759	44.240	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	128285	51.506	ug/l	100
3) Chloromethane	1.294	50	103047	45.480	ug/l	98
4) Vinyl Chloride	1.374	62	109899	48.360	ug/l	100
5) Bromomethane	1.617	94	68738	45.510	ug/l	97
6) Chloroethane	1.691	64	63960	48.123	ug/l	98
7) Trichlorofluoromethane	1.886	101	182671	51.403	ug/l	100
8) Diethyl Ether	2.130	74	63046	48.657	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	116880	49.243	ug/l	96
10) Methyl Iodide	2.453	142	135648	45.283	ug/l	97
11) Tert butyl alcohol	3.026	59	130806	252.976	ug/l #	73
12) 1,1-Dichloroethene	2.319	96	113642	49.708	ug/l	98
13) Acrolein	2.239	56	105613	207.694	ug/l	100
14) Allyl chloride	2.666	41	192242	47.783	ug/l	97
15) Acrylonitrile	3.068	53	312441	241.595	ug/l	100
16) Acetone	2.398	43	265422	215.201	ug/l	97
17) Carbon Disulfide	2.514	76	276186	50.394	ug/l	99
18) Methyl Acetate	2.709	43	236956	49.682	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	404234	51.539	ug/l	98
20) Methylene Chloride	2.788	84	129428	45.766	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	123634	49.793	ug/l	95
22) Diisopropyl ether	3.757	45	390607	49.062	ug/l	94
23) Vinyl Acetate	3.721	43	1383056	252.729	ug/l	98
24) 1,1-Dichloroethane	3.611	63	228969	51.058	ug/l	99
25) 2-Butanone	4.562	43	412197	228.970	ug/l	95
26) 2,2-Dichloropropane	4.477	77	135131	38.462	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	144508	49.512	ug/l	93
28) Bromochloromethane	4.897	49	83031	43.447	ug/l	87
29) Tetrahydrofuran	5.013	42	267234	231.566	ug/l	94
30) Chloroform	5.092	83	235870	52.102	ug/l	98
31) Cyclohexane	5.470	56	194786	48.354	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	209391	52.777	ug/l	96
36) 1,1-Dichloropropene	5.696	75	174973	48.264	ug/l	98
37) Ethyl Acetate	4.714	43	160383	48.437	ug/l	96
38) Carbon Tetrachloride	5.678	117	182278	52.964	ug/l	100
39) Methylcyclohexane	7.379	83	205159	46.491	ug/l	99
40) Benzene	6.037	78	504462	48.507	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	94011	49.551	ug/l	96
42) 1,2-Dichloroethane	6.086	62	185111	49.922	ug/l	98
43) Isopropyl Acetate	6.336	43	275394	49.498	ug/l	95
44) Trichloroethene	7.129	130	142248	49.651	ug/l	90
45) 1,2-Dichloropropane	7.427	63	130030	49.594	ug/l	98
46) Dibromomethane	7.580	93	91259	50.685	ug/l	92
47) Bromodichloromethane	7.824	83	176425	53.183	ug/l	99
48) Methyl methacrylate	7.690	41	137260	50.294	ug/l	93
49) 1,4-Dioxane	7.726	88	64122	963.892	ug/l #	78
51) 4-Methyl-2-Pentanone	8.574	43	820531	240.051	ug/l	95
52) Toluene	8.720	92	324800	49.271	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	183924	53.089	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	199548	50.960	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	129788	49.388	ug/l	97
56) Ethyl methacrylate	9.116	69	203720	52.039	ug/l	90
57) 1,3-Dichloropropane	9.305	76	220802	49.123	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	477234	243.805	ug/l	95
59) 2-Hexanone	9.433	43	612627	238.573	ug/l	94
60) Dibromochloromethane	9.518	129	138488	55.002	ug/l	100
61) 1,2-Dibromoethane	9.610	107	138123	50.984	ug/l	100
64) Tetrachloroethene	9.275	164	126769	49.108	ug/l	98
65) Chlorobenzene	10.079	112	350634	48.070	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	131629	51.852	ug/l	98
67) Ethyl Benzene	10.195	91	623282	49.342	ug/l	99
68) m/p-Xylenes	10.299	106	478780	98.915	ug/l	99
69) o-Xylene	10.640	106	236086	49.740	ug/l	99
70) Styrene	10.652	104	394873	51.310	ug/l	98
71) Bromoform	10.799	173	98265	55.651	ug/l	100
73) Isopropylbenzene	10.963	105	621976	51.409	ug/l	100
74) N-amyl acetate	10.841	43	235153	51.719	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	187128	49.832	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	155234m	47.019	ug/l	
77) Bromobenzene	11.195	156	154108	51.242	ug/l	90
78) n-propylbenzene	11.305	91	694822	50.005	ug/l	98
79) 2-Chlorotoluene	11.366	91	430477	49.578	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	523527	51.319	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	48406	47.486	ug/l	99
82) 4-Chlorotoluene	11.451	91	489669	50.212	ug/l	97
83) tert-Butylbenzene	11.713	119	518679	50.673	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	521957	50.922	ug/l	100
85) sec-Butylbenzene	11.890	105	623026	49.622	ug/l	100
86) p-Isopropyltoluene	12.012	119	533730	49.982	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	283786	49.653	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	284630	47.498	ug/l	99
89) n-Butylbenzene	12.335	91	430278	47.732	ug/l	99
90) Hexachloroethane	12.536	117	86602	52.980	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	282636	49.444	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	40368	53.610	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	178764	49.752	ug/l	98
94) Hexachlorobutadiene	13.725	225	73570	46.653	ug/l	99
95) Naphthalene	13.774	128	584446	52.836	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	177255	49.005	ug/l	99

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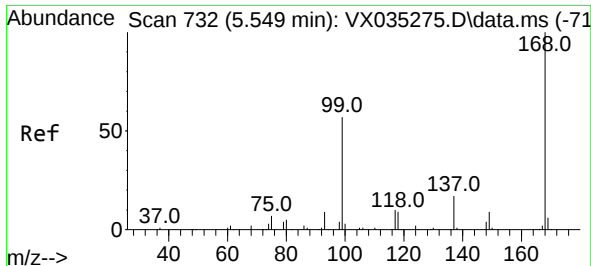
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Response via : Initial Calibration

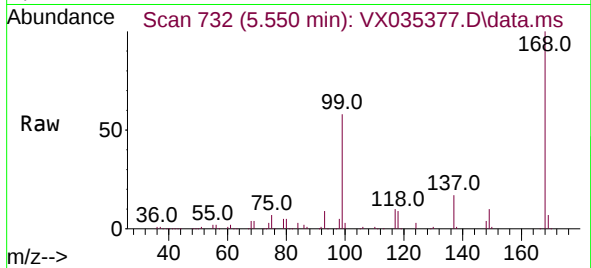
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035377.D
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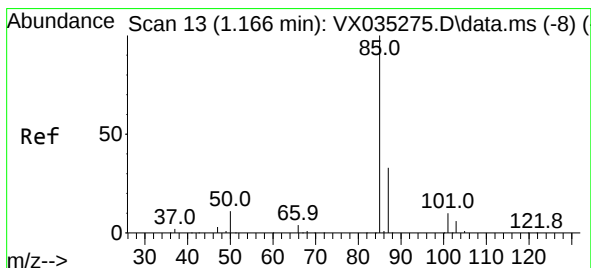
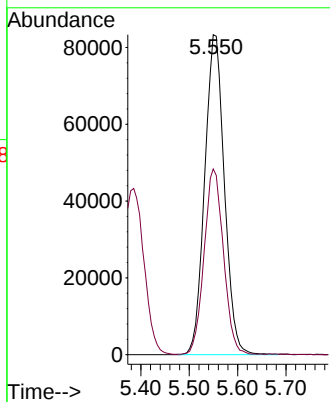
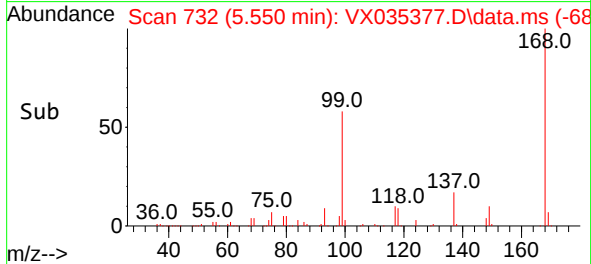
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 235380
Ion Ratio Lower Upper
168 100
99 57.9 45.7 68.5

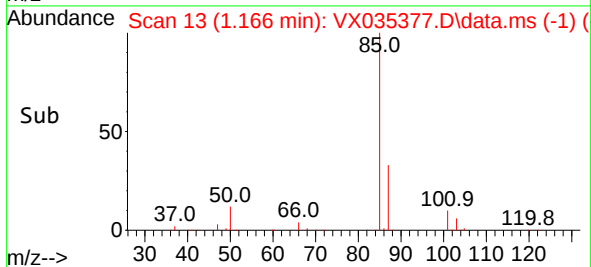
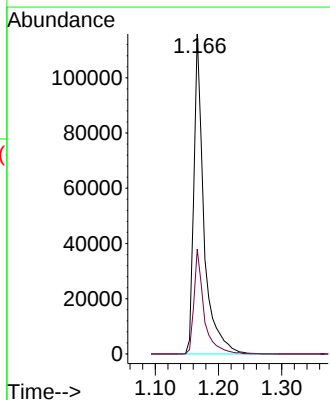
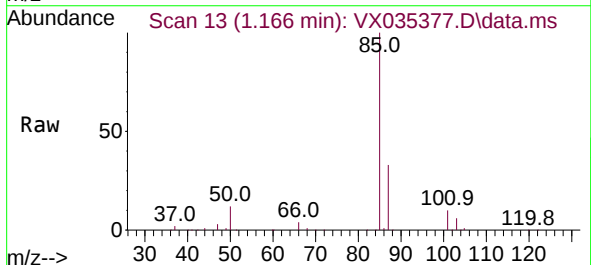
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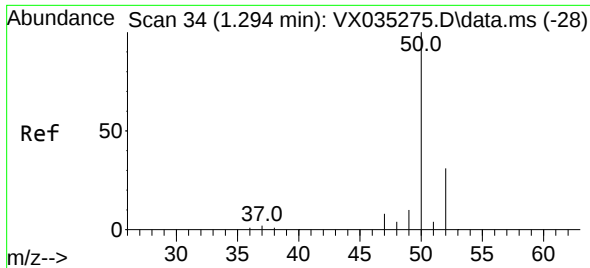
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#2
Dichlorodifluoromethane
Concen: 51.506 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

Tgt Ion: 85 Resp: 128285
Ion Ratio Lower Upper
85 100
87 32.8 16.4 49.1





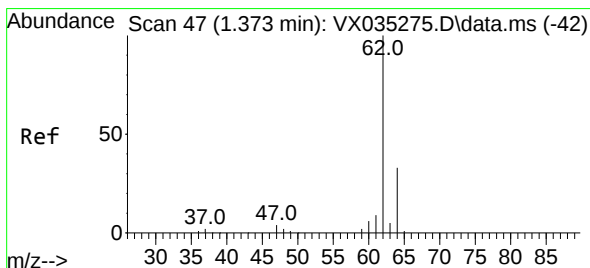
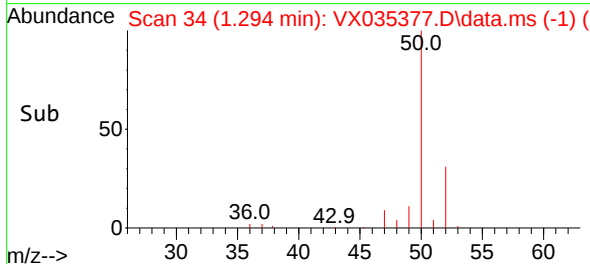
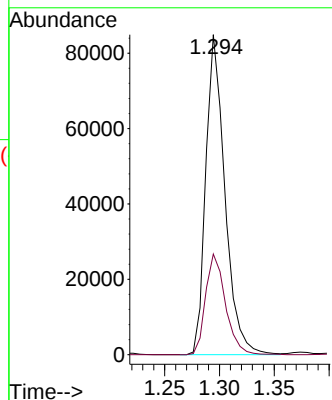
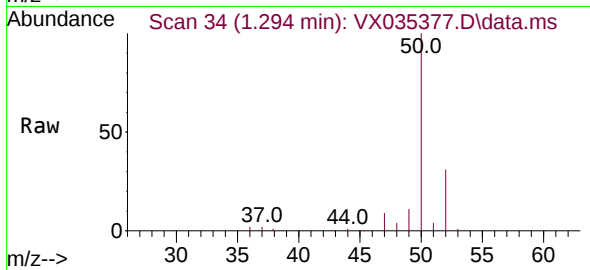
#3
Chloromethane
Concen: 45.480 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 10304
Ion Ratio Lower Upper
50 100
52 31.5 25.9 38.9

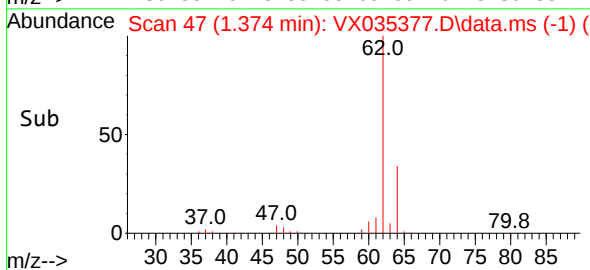
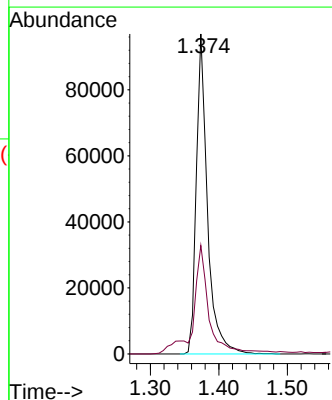
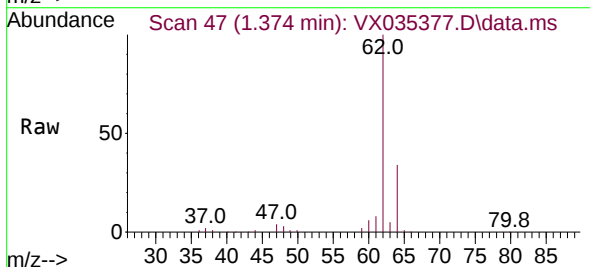
Manual Integrations
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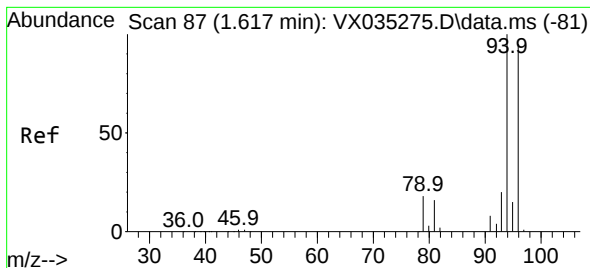
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#4
Vinyl Chloride
Concen: 48.360 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

Tgt Ion: 62 Resp: 109899
Ion Ratio Lower Upper
62 100
64 33.1 26.4 39.6





#5

Bromomethane

Concen: 45.510 ug/l

RT: 1.617 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX035377.D

Acq: 28 Apr 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 68738

Ion Ratio Lower Upper

94 100

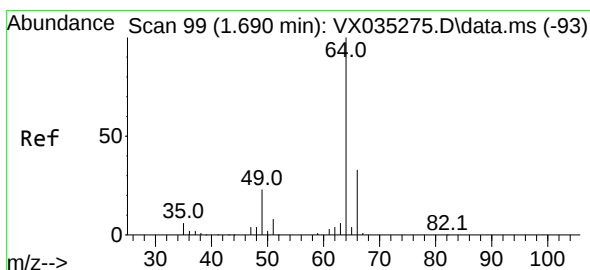
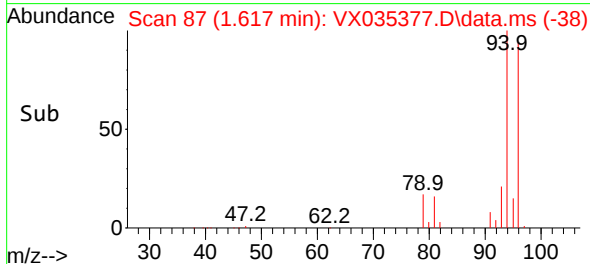
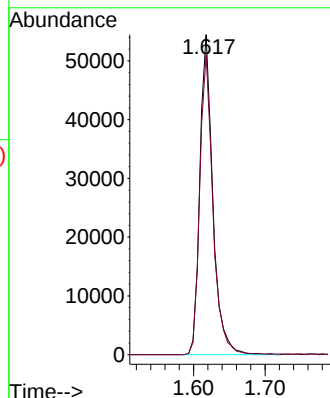
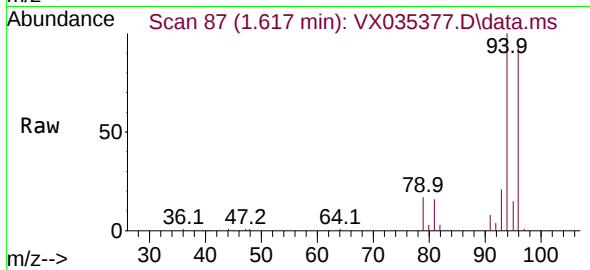
96 93.6 77.0 115.6

Manual Integrations

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#6

Chloroethane

Concen: 48.123 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.001 min

Lab File: VX035377.D

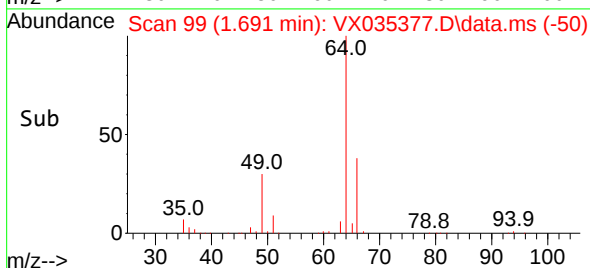
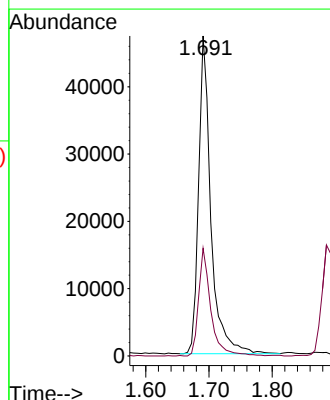
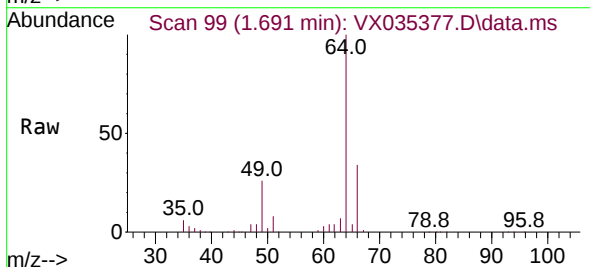
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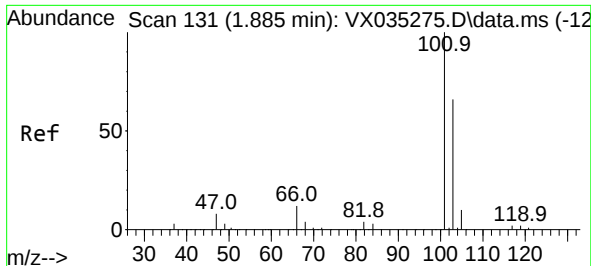
Tgt Ion: 64 Resp: 63960

Ion Ratio Lower Upper

64 100

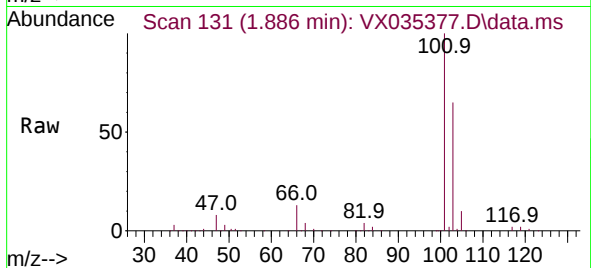
66 33.8 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 51.403 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: VX035377.D
 Acq: 28 Apr 2023 09:36

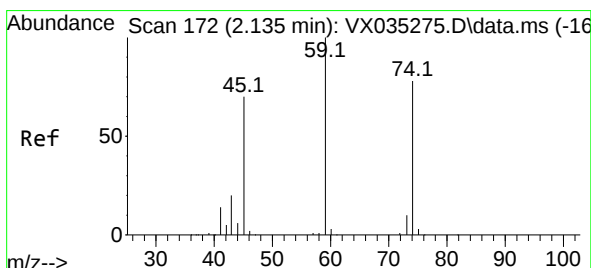
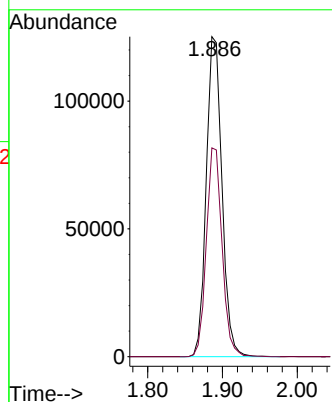
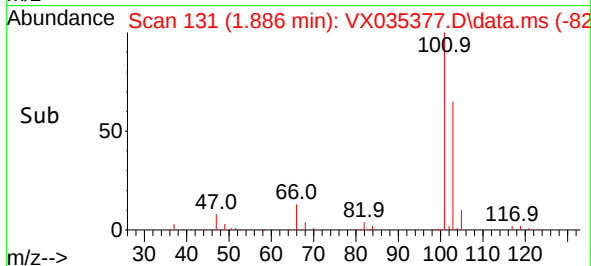
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 18267
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.0 78.0

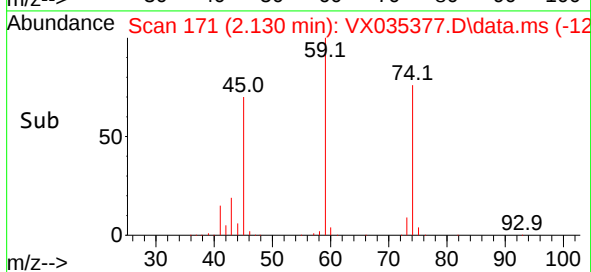
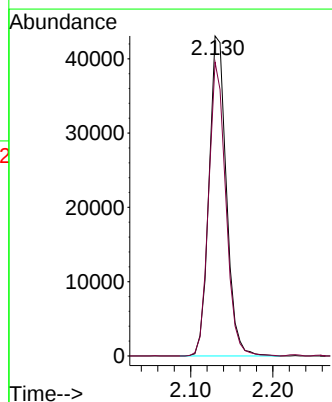
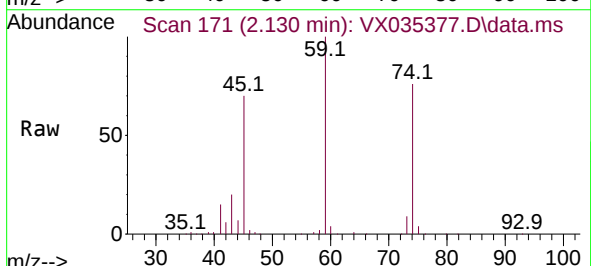
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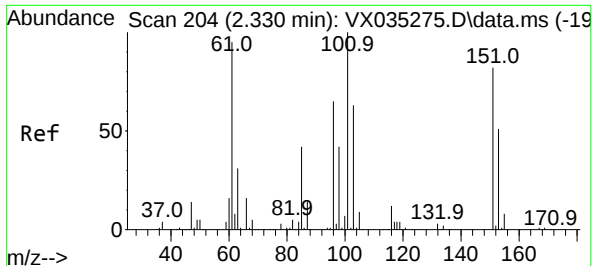
Reviewed By :John Carlone 04/28/2023
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#8
 Diethyl Ether
 Concen: 48.657 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.005 min
 Lab File: VX035377.D
 Acq: 28 Apr 2023 09:36

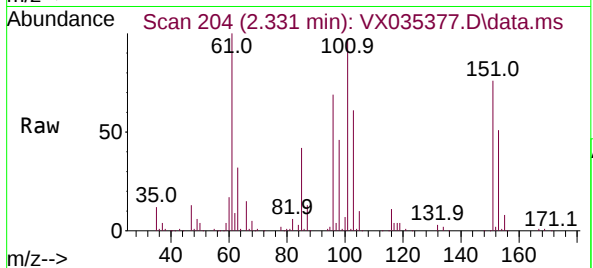
Tgt Ion: 74 Resp: 63046
 Ion Ratio Lower Upper
 74 100
 45 91.0 49.8 149.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.243 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.001 min
Lab File: VX035377.D
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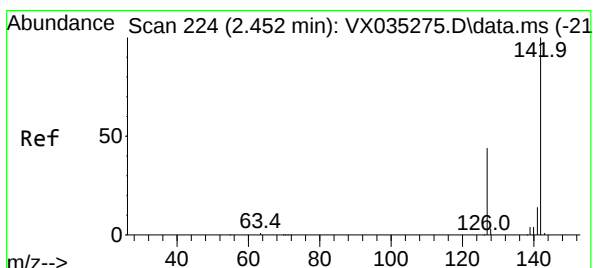
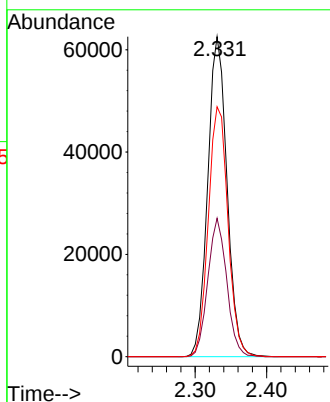
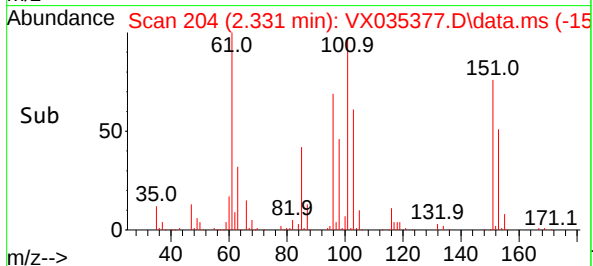
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



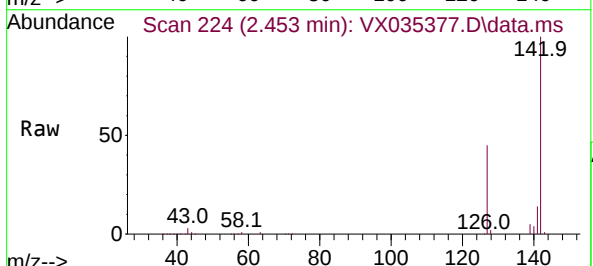
Tgt Ion:101 Resp: 116880
Ion Ratio Lower Upper
101 100
85 42.5 35.4 53.2
151 79.7 60.2 90.4

Manual Integrations
APPROVED

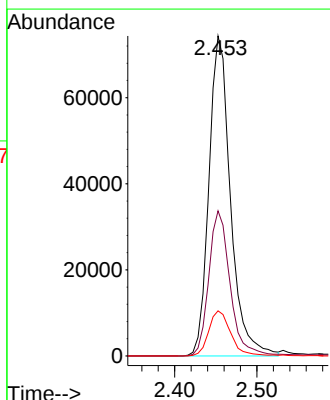
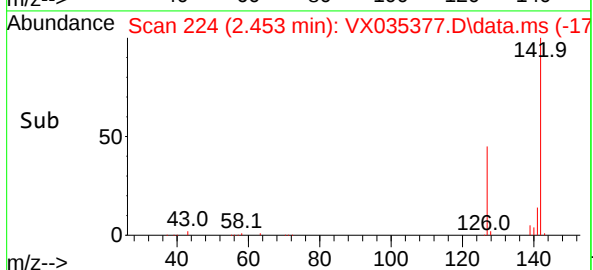
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

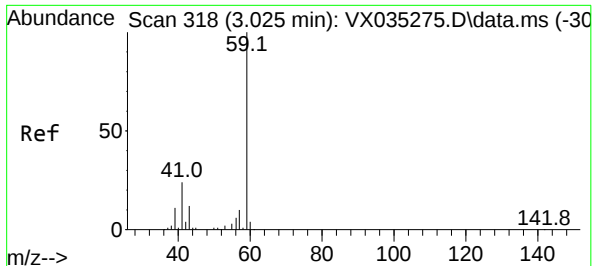


#10
Methyl Iodide
Concen: 45.283 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36



Tgt Ion:142 Resp: 135648
Ion Ratio Lower Upper
142 100
127 45.1 34.0 51.0
141 14.6 11.1 16.7





#11

Tert butyl alcohol

Concen: 252.976 ug/l

RT: 3.026 min Scan# 318

Delta R.T. 0.001 min

Lab File: VX035377.D

Acq: 28 Apr 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 130800

Ion Ratio Lower Upper

59 100

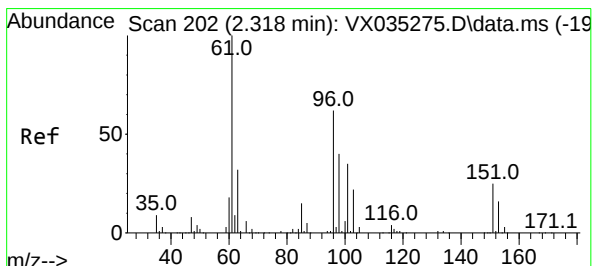
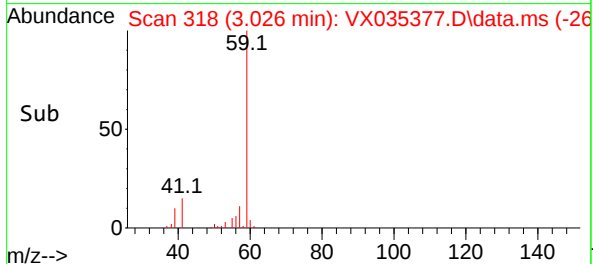
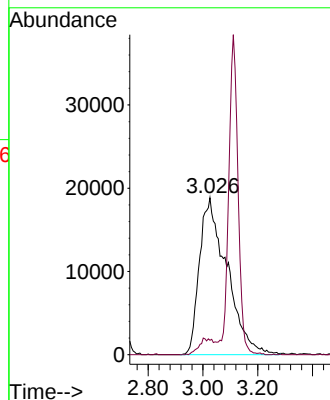
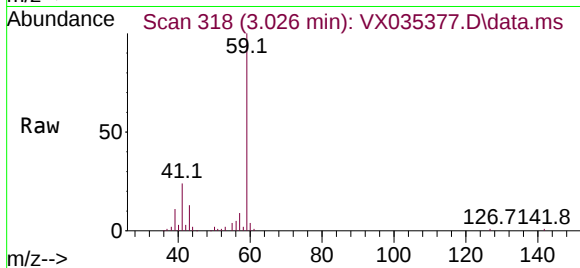
57 0.0 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#12

1,1-Dichloroethene

Concen: 49.708 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.001 min

Lab File: VX035377.D

Acq: 28 Apr 2023 09:36

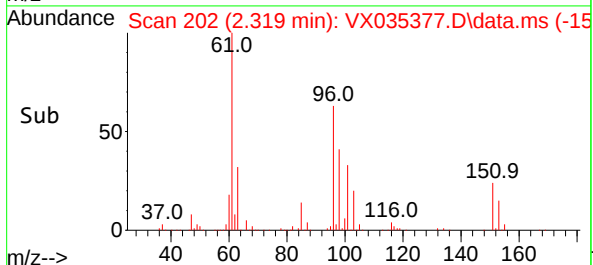
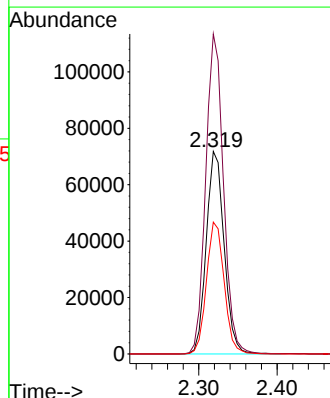
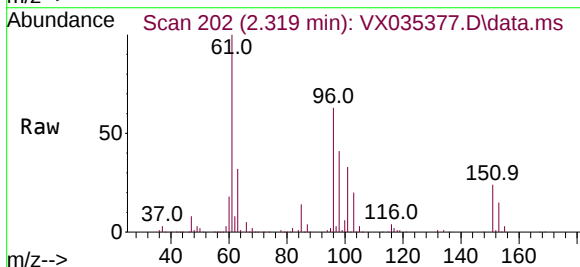
Tgt Ion: 96 Resp: 113642

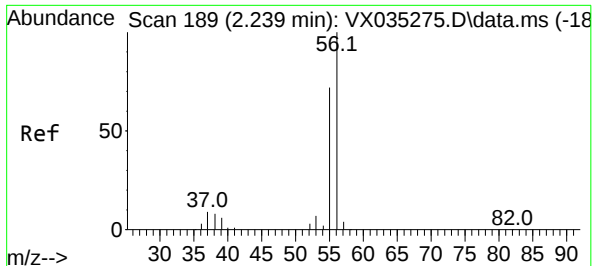
Ion Ratio Lower Upper

96 100

61 158.0 128.8 193.2

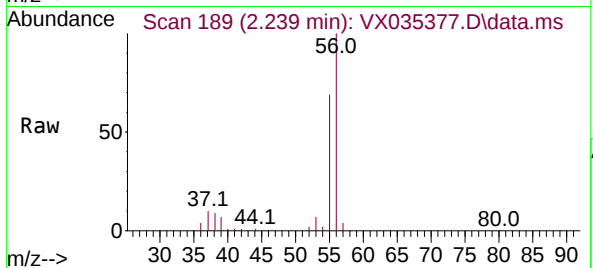
98 65.1 51.4 77.0





#13
Acrolein
Concen: 207.694 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

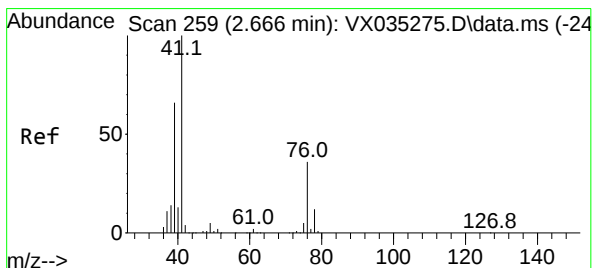
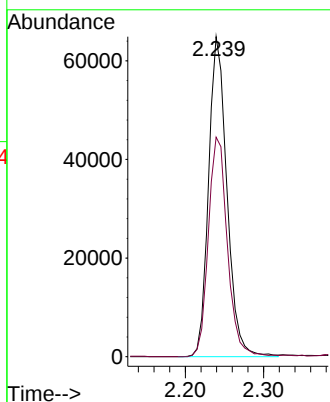
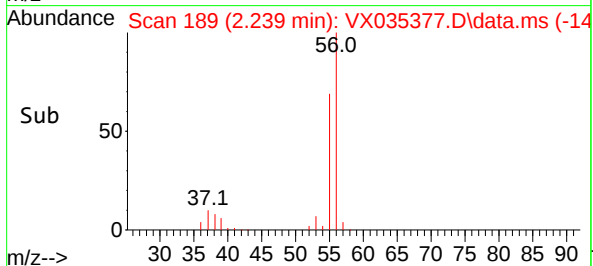
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



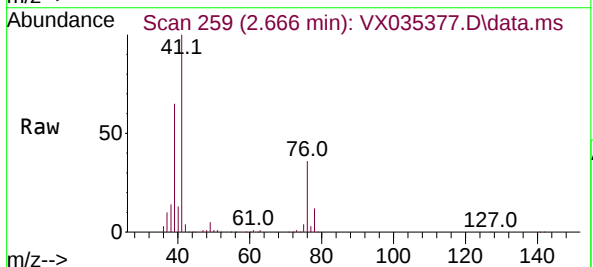
Tgt Ion: 56 Resp: 10561
Ion Ratio Lower Upper
56 100
55 71.2 56.6 85.0

Manual Integrations
APPROVED

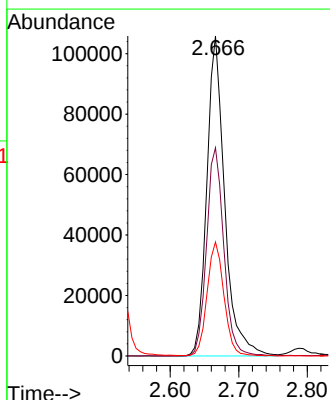
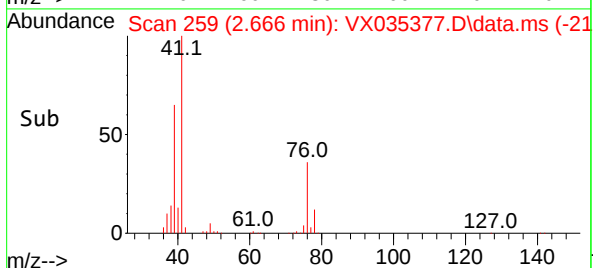
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

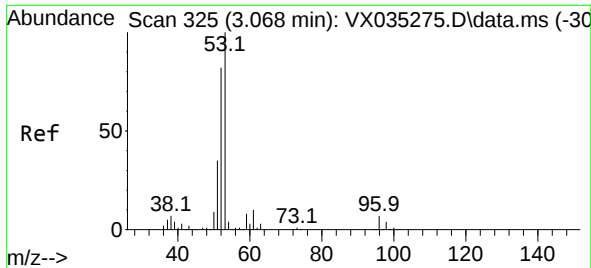


#14
Allyl chloride
Concen: 47.783 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36



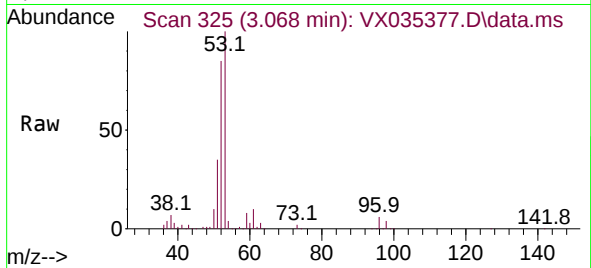
Tgt Ion: 41 Resp: 192242
Ion Ratio Lower Upper
41 100
39 62.8 52.4 78.6
76 33.7 26.0 39.0





#15
Acrylonitrile
Concen: 241.595 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

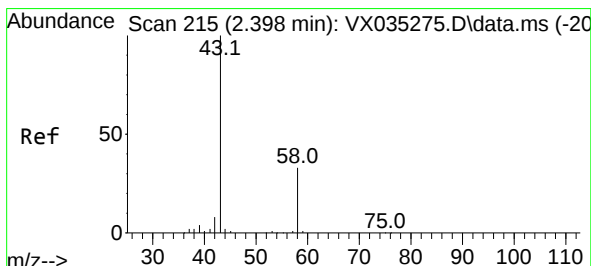
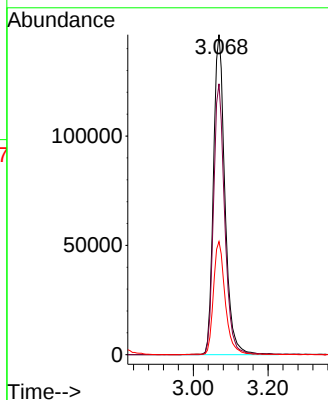
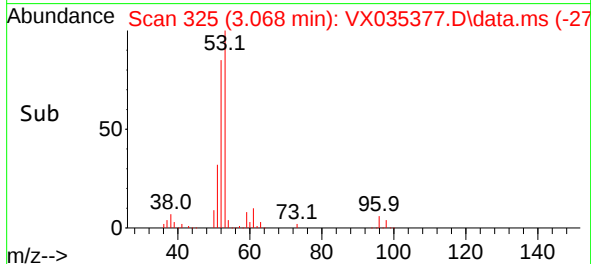
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



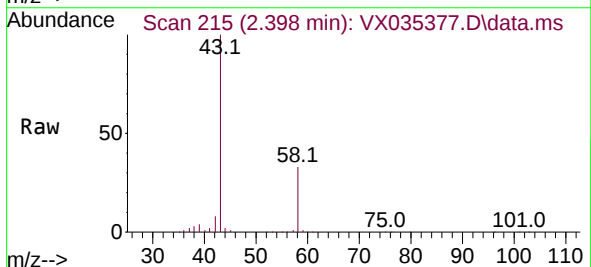
Tgt Ion: 53 Resp: 31244
Ion Ratio Lower Upper
53 100
52 82.6 66.2 99.2
51 35.7 28.3 42.5

Manual Integrations
APPROVED

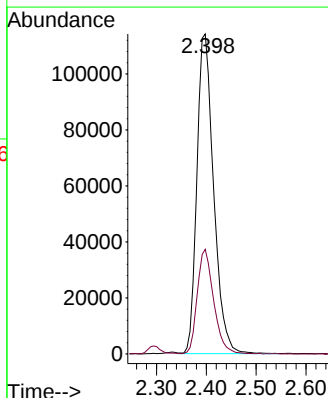
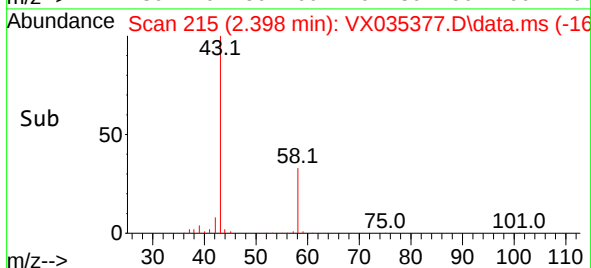
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

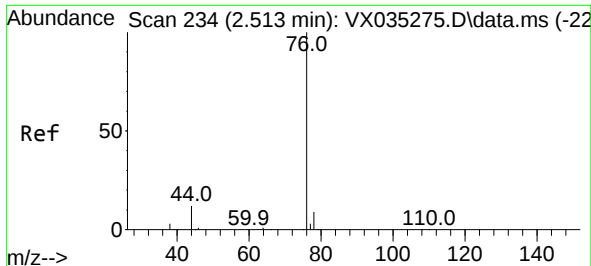


#16
Acetone
Concen: 215.201 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36



Tgt Ion: 43 Resp: 265422
Ion Ratio Lower Upper
43 100
58 32.6 24.7 37.1





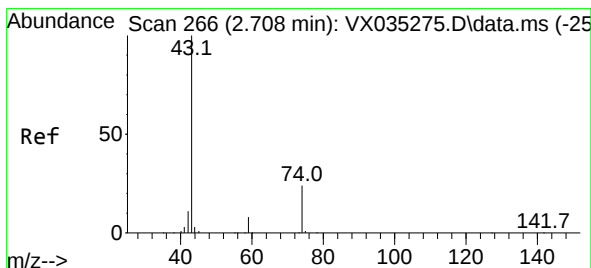
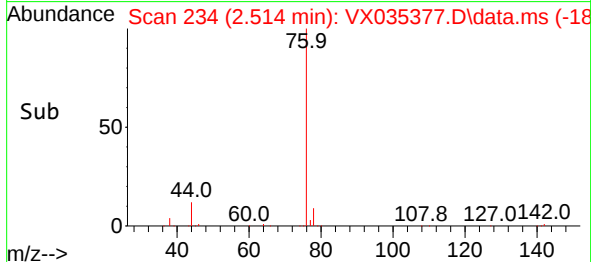
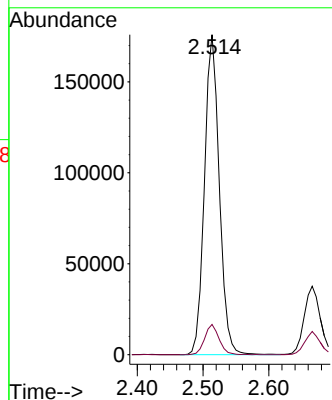
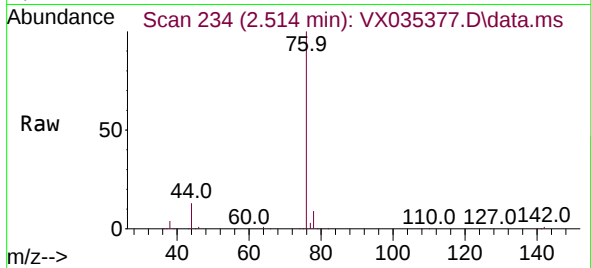
#17
Carbon Disulfide
Concen: 50.394 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 276180
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

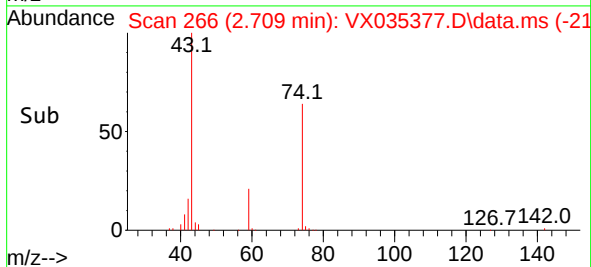
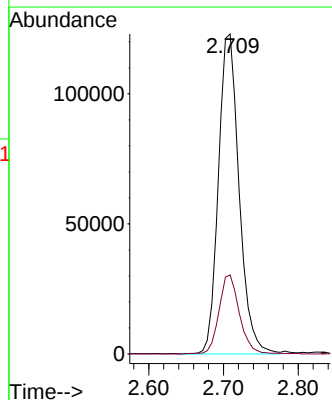
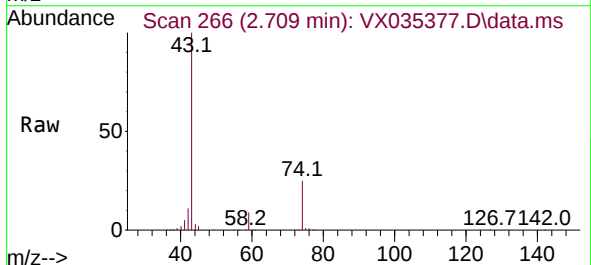
Manual Integrations
APPROVED

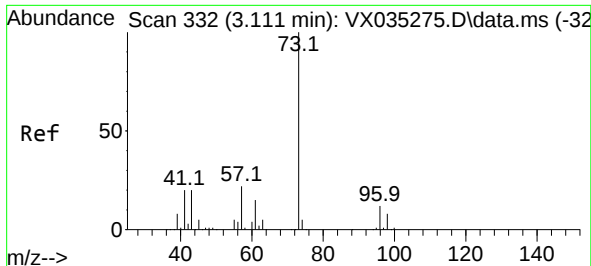
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#18
Methyl Acetate
Concen: 49.682 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.001 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

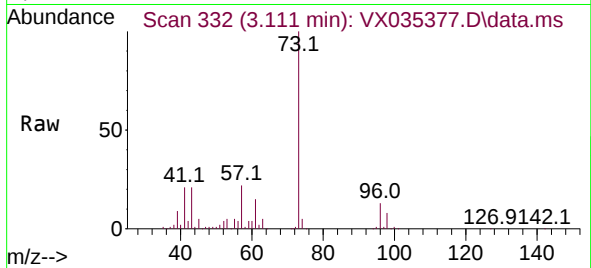
Tgt Ion: 43 Resp: 236956
Ion Ratio Lower Upper
43 100
74 24.5 18.3 27.5





#19
Methyl tert-butyl Ether
Concen: 51.539 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

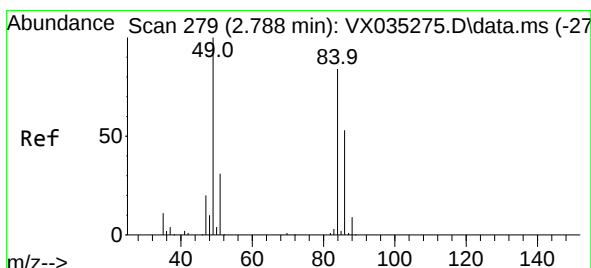
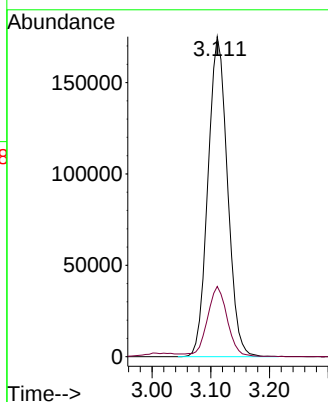
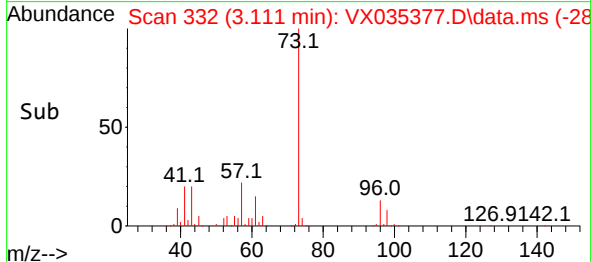
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 404234
Ion Ratio Lower Upper
73 100
57 21.9 18.5 27.7

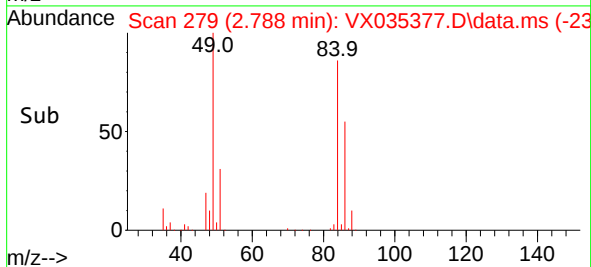
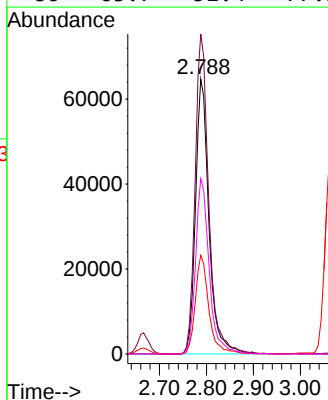
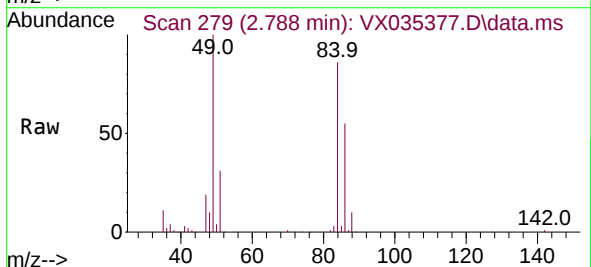
Manual Integrations
APPROVED

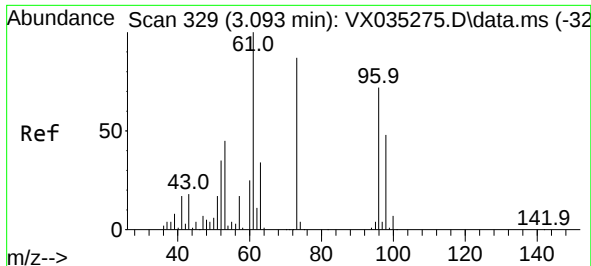
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#20
Methylene Chloride
Concen: 45.766 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

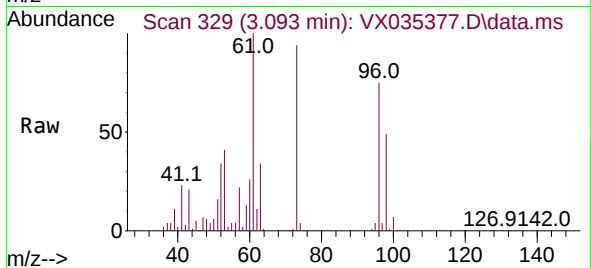
Tgt Ion: 84 Resp: 129428
Ion Ratio Lower Upper
84 100
49 116.3 103.8 155.8
51 35.8 31.8 47.8
86 63.7 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 49.793 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

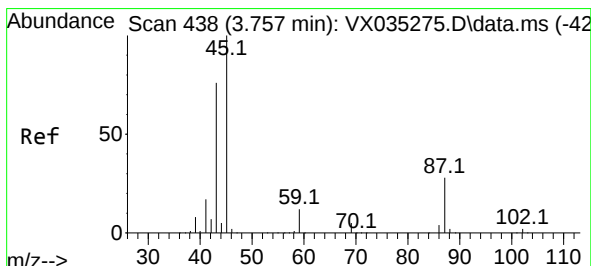
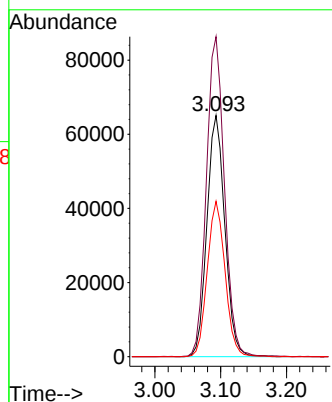
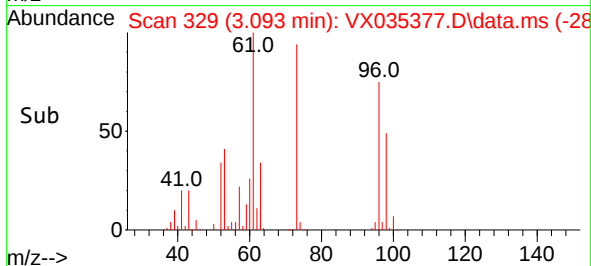
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 123634
Ion Ratio Lower Upper
96 100
61 132.7 113.0 169.6
98 64.4 52.1 78.1

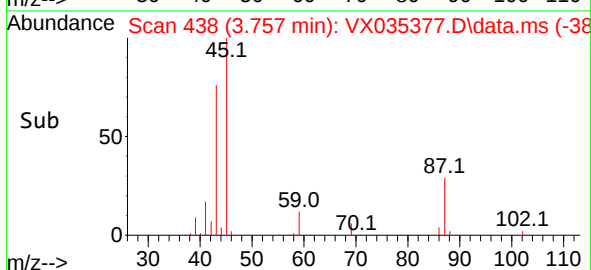
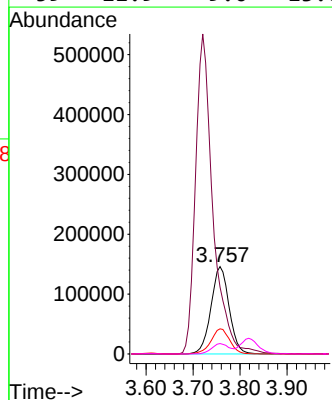
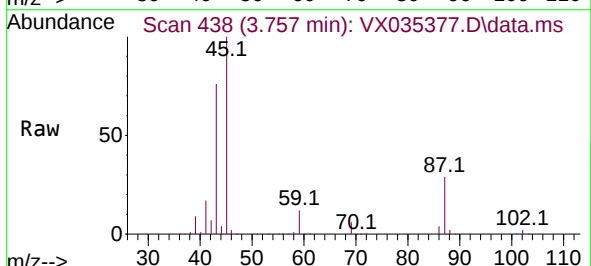
Manual Integrations
APPROVED

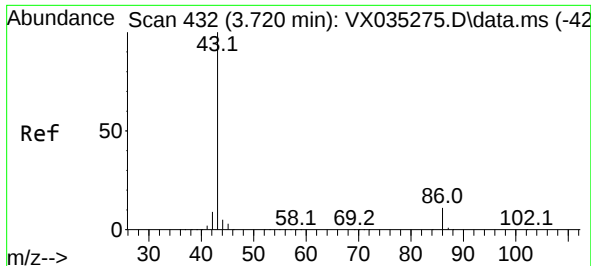
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#22
Diisopropyl ether
Concen: 49.062 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

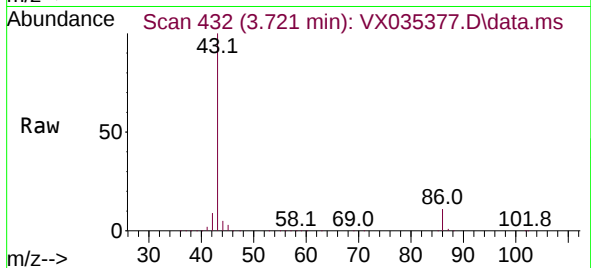
Tgt Ion: 45 Resp: 390607
Ion Ratio Lower Upper
45 100
43 76.1 65.4 98.2
87 28.9 20.6 31.0
59 11.9 9.0 13.6





#23
 Vinyl Acetate
 Concen: 252.729 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.001 min
 Lab File: VX035377.D
 Acq: 28 Apr 2023 09:36

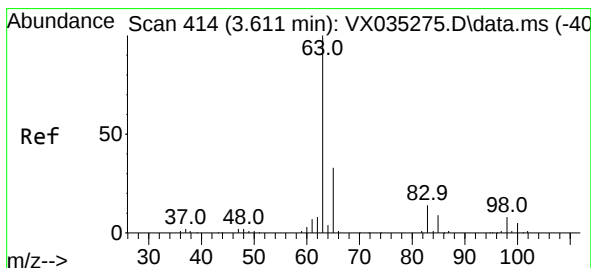
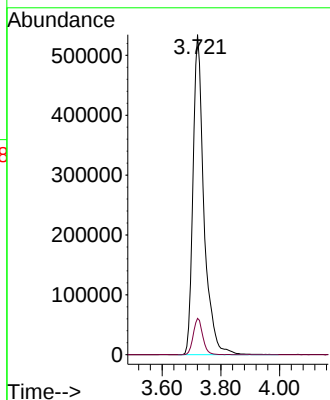
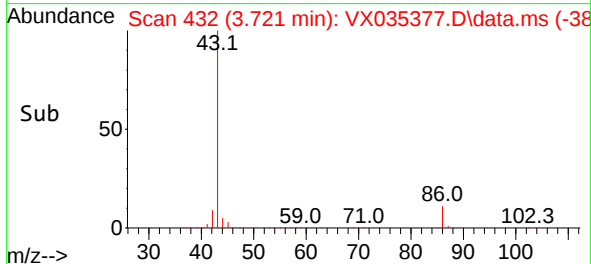
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



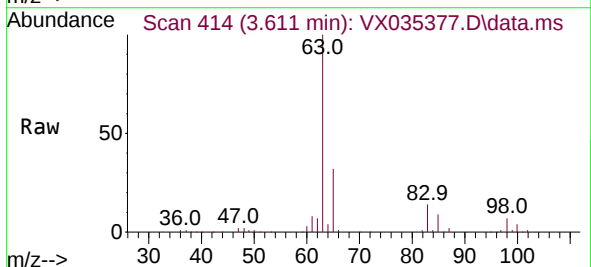
Tgt Ion: 43 Resp: 138305
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.5 12.7

Manual Integrations
 APPROVED

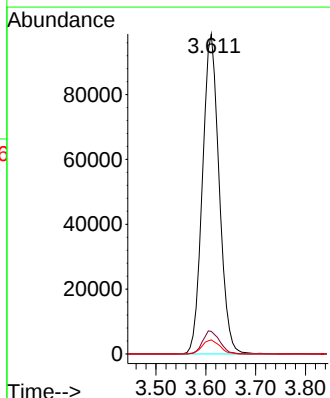
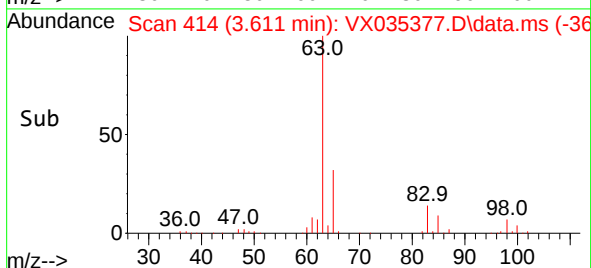
Reviewed By :John Carlone 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

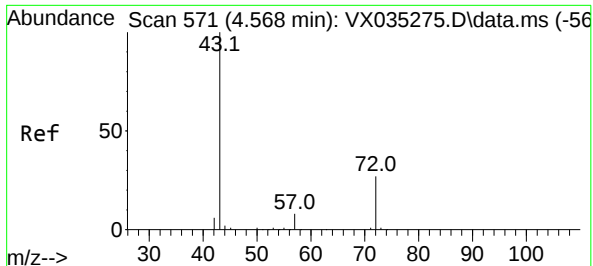


#24
 1,1-Dichloroethane
 Concen: 51.058 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX035377.D
 Acq: 28 Apr 2023 09:36



Tgt Ion: 63 Resp: 228969
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.2
 100 4.4 2.4 7.1





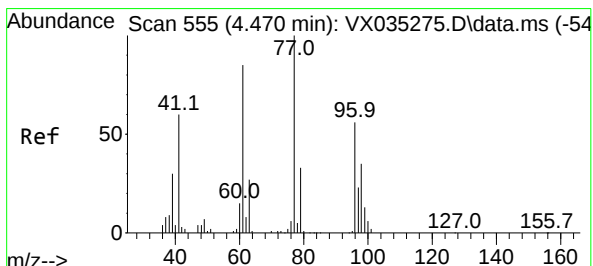
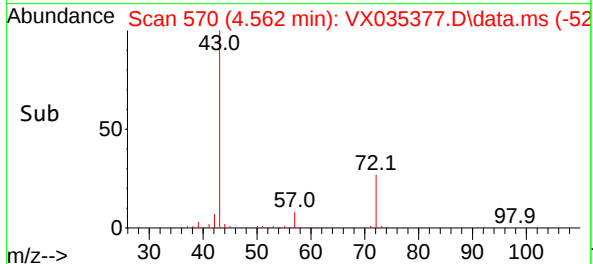
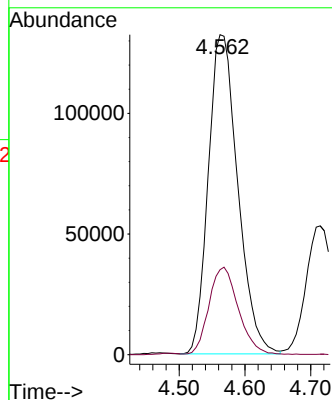
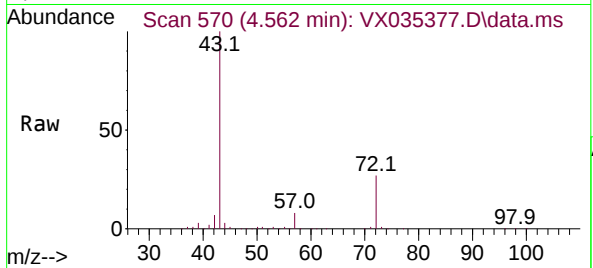
#25
2-Butanone
Concen: 228.970 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 41219
Ion Ratio Lower Upper
43 100
72 26.4 19.3 28.9

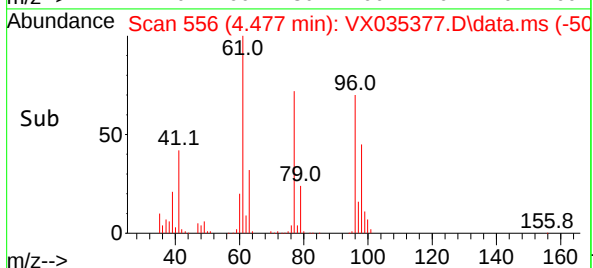
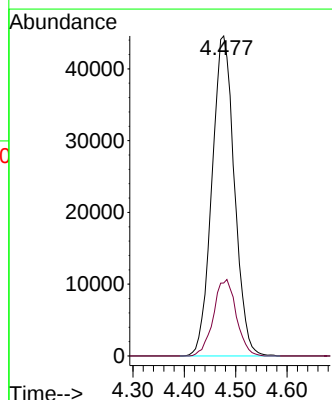
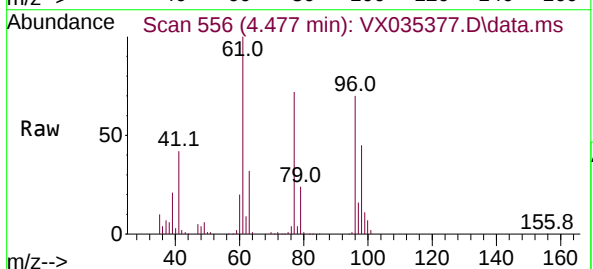
Manual Integrations
APPROVED

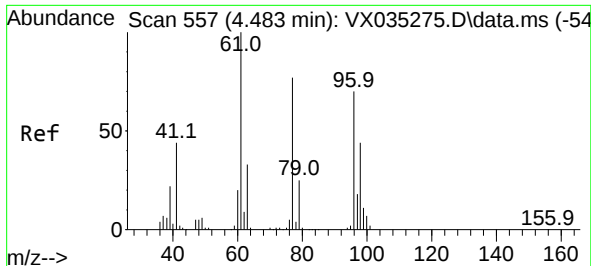
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#26
2,2-Dichloropropane
Concen: 38.462 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.007 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

Tgt Ion: 77 Resp: 135131
Ion Ratio Lower Upper
77 100
97 24.3 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 49.512 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX035377.D

Acq: 28 Apr 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 144508

Ion Ratio Lower Upper

96 100

61 138.1 0.0 300.4

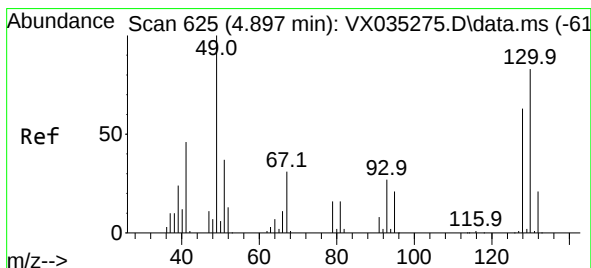
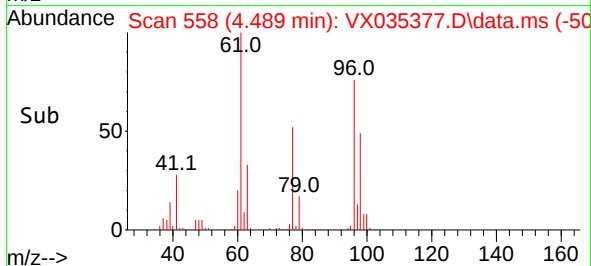
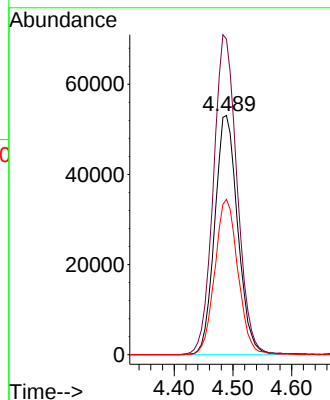
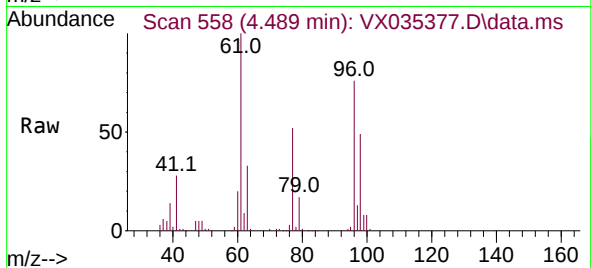
98 65.3 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#28

Bromochloromethane

Concen: 43.447 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX035377.D

Acq: 28 Apr 2023 09:36

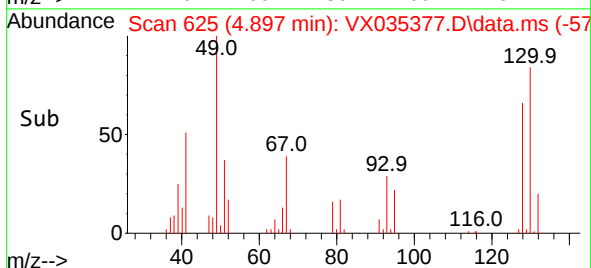
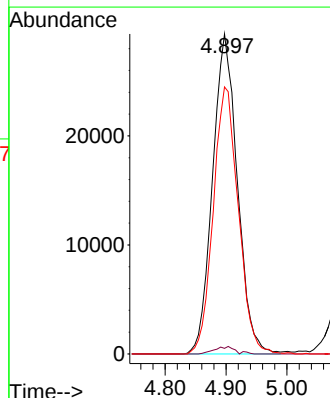
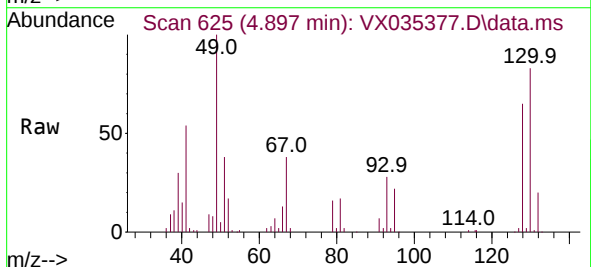
Tgt Ion: 49 Resp: 83031

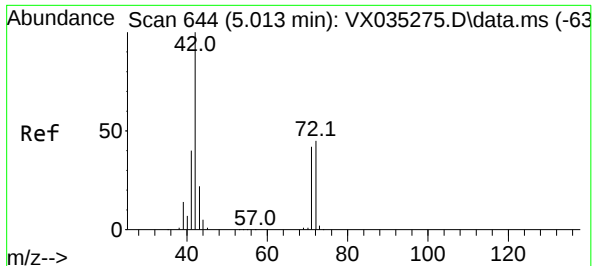
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.0

130 84.3 58.2 87.2





#29

Tetrahydrofuran

Concen: 231.566 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX035377.D

Acq: 28 Apr 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 267234

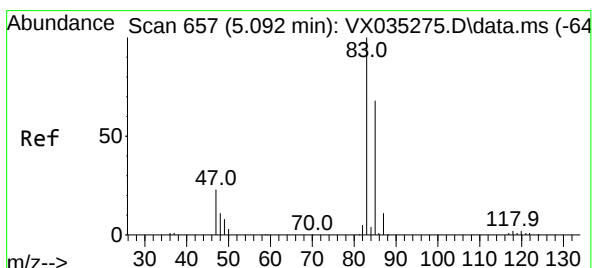
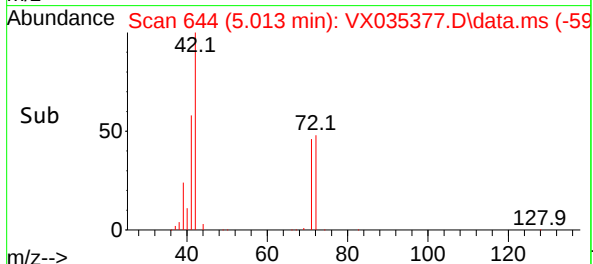
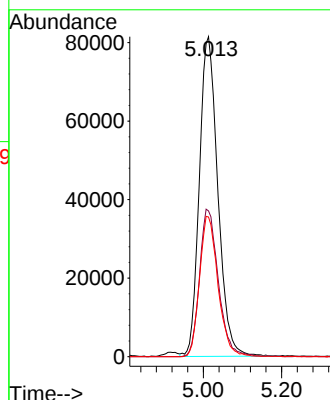
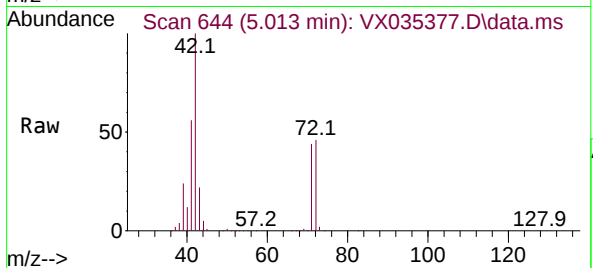
Ion	Ratio	Lower	Upper
42	100		
72	47.0	34.5	51.7
71	44.0	32.1	48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#30

Chloroform

Concen: 52.102 ug/l

RT: 5.092 min Scan# 657

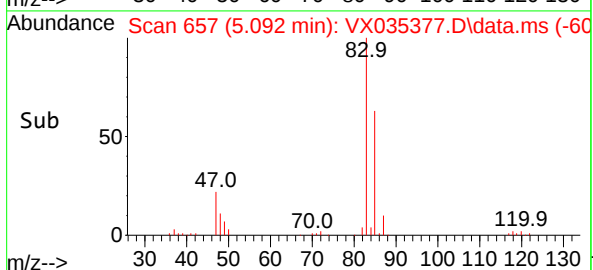
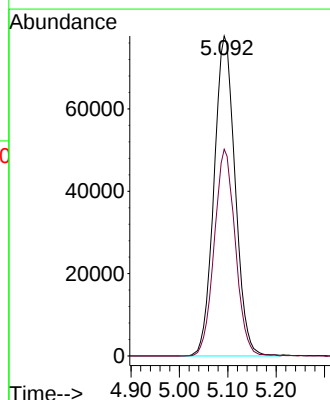
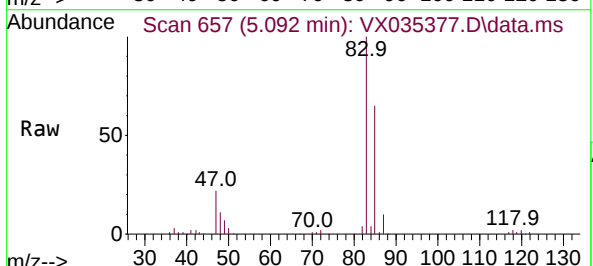
Delta R.T. 0.000 min

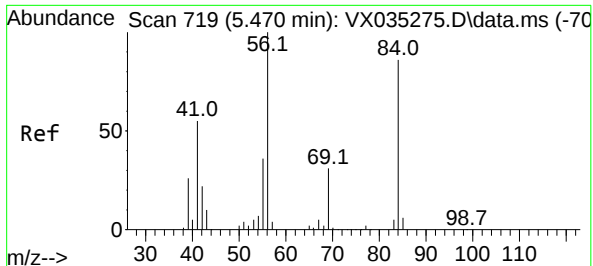
Lab File: VX035377.D

Acq: 28 Apr 2023 09:36

Tgt Ion: 83 Resp: 235870

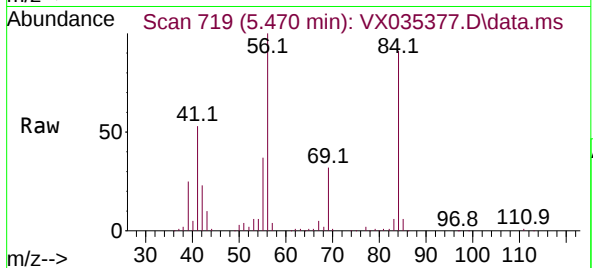
Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.6	76.0





#31
Cyclohexane
Concen: 48.354 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

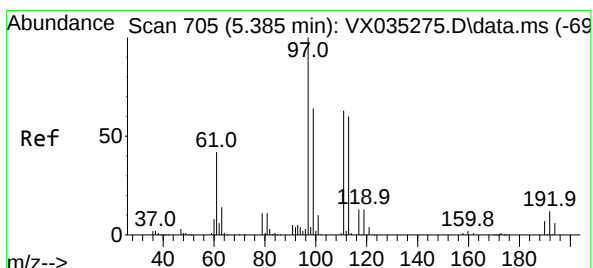
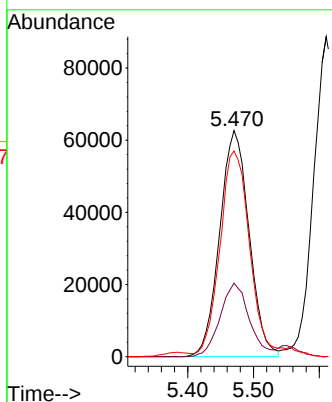
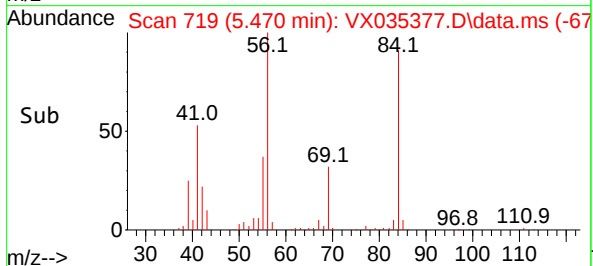
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 194780
Ion Ratio Lower Upper
56 100
69 32.5 23.7 35.5
84 88.9 68.5 102.7

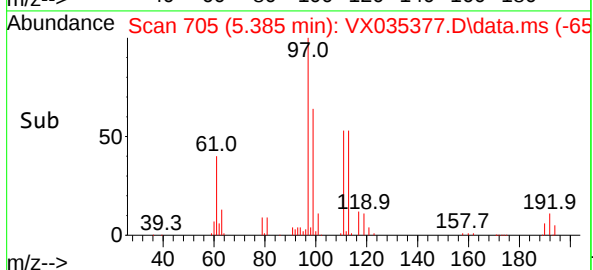
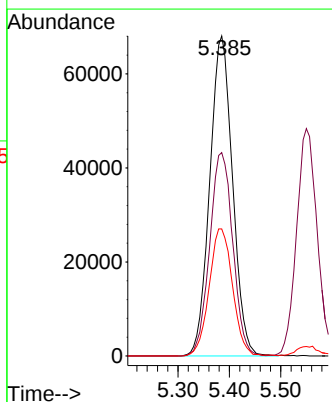
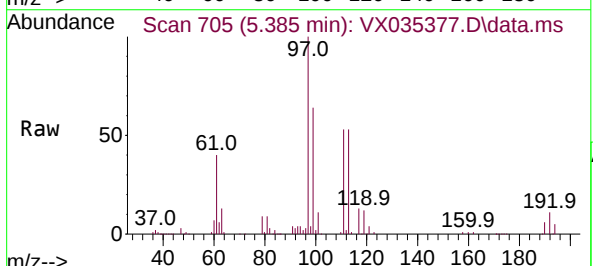
Manual Integrations
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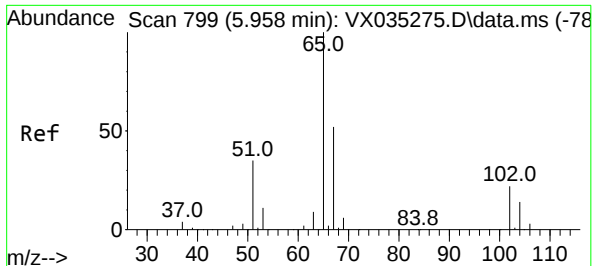
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#32
1,1,1-Trichloroethane
Concen: 52.777 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

Tgt Ion: 97 Resp: 209391
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 40.9 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 45.063 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035377.D

Acq: 28 Apr 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 127970

Ion Ratio Lower Upper

65 100

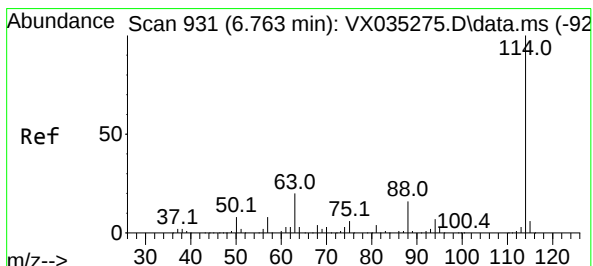
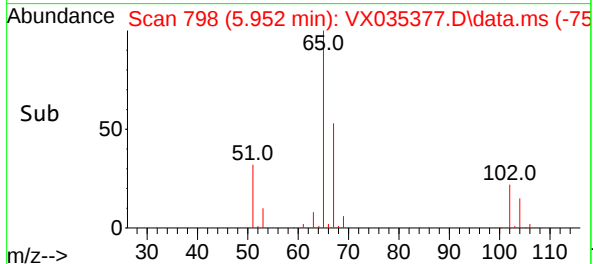
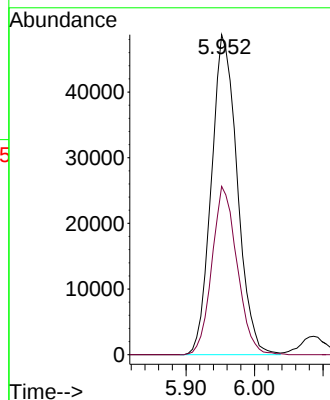
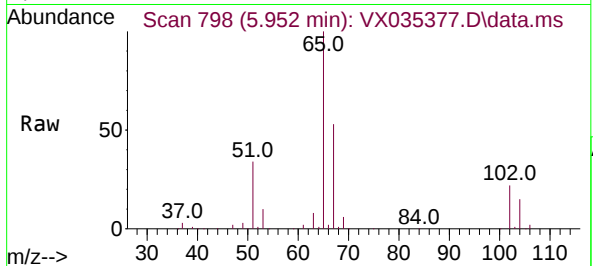
67 51.0 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035377.D

Acq: 28 Apr 2023 09:36

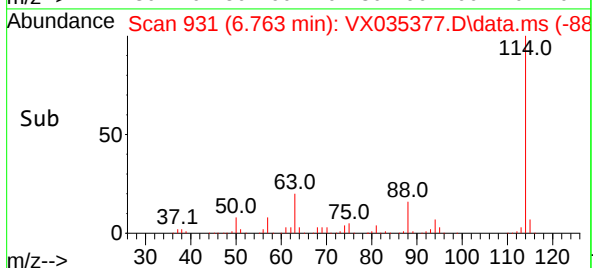
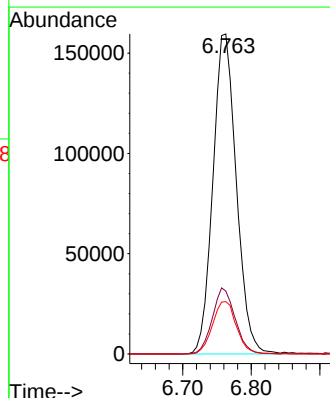
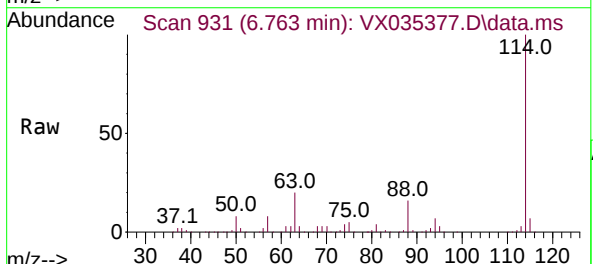
Tgt Ion:114 Resp: 378278

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.2

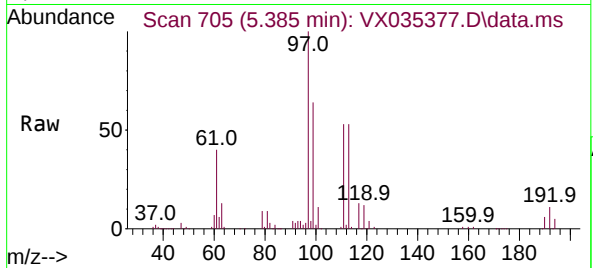
88 16.4 0.0 33.2





#35
Dibromofluoromethane
Concen: 45.191 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

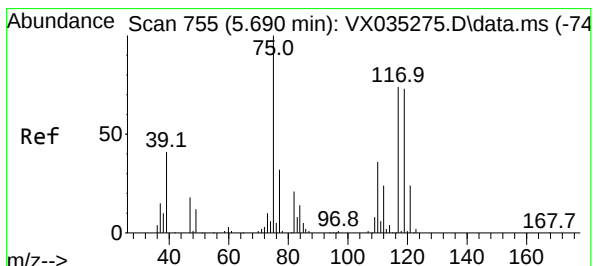
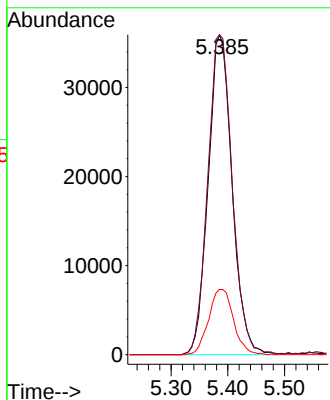
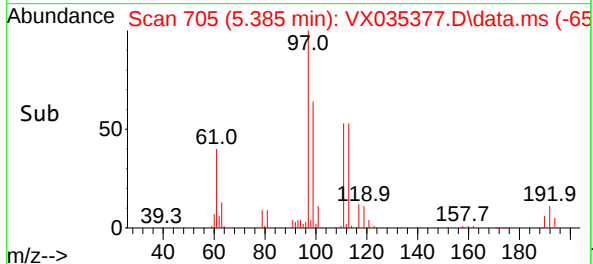
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



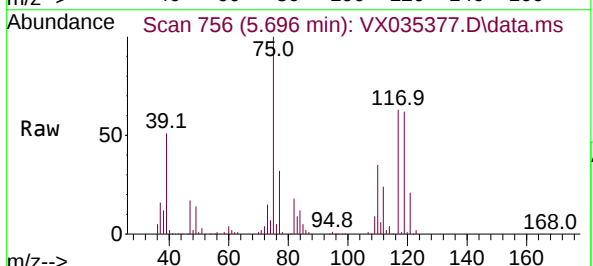
Tgt Ion: 113 Resp: 10492
Ion Ratio Lower Upper
113 100
111 102.9 83.7 125.5
192 21.3 15.4 23.2

Manual Integrations
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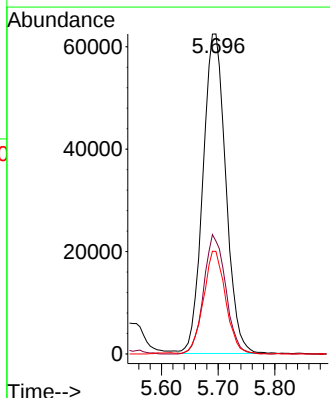
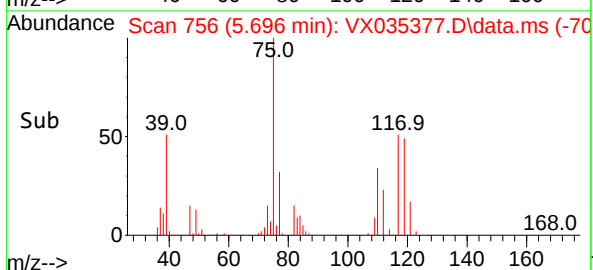
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

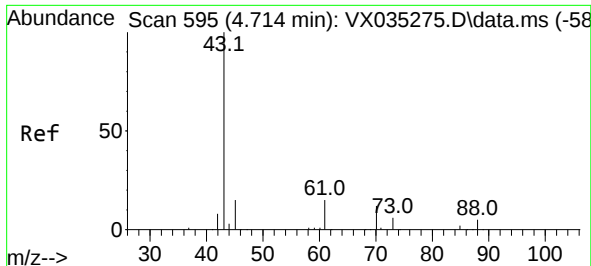


#36
1,1-Dichloropropene
Concen: 48.264 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36



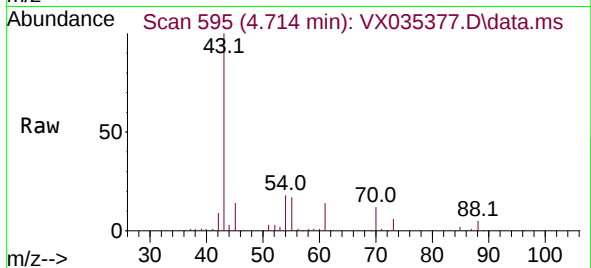
Tgt Ion: 75 Resp: 174973
Ion Ratio Lower Upper
75 100
110 36.0 17.5 52.5
77 31.2 24.3 36.5





#37
Ethyl Acetate
Concen: 48.437 ug/l
RT: 4.714 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

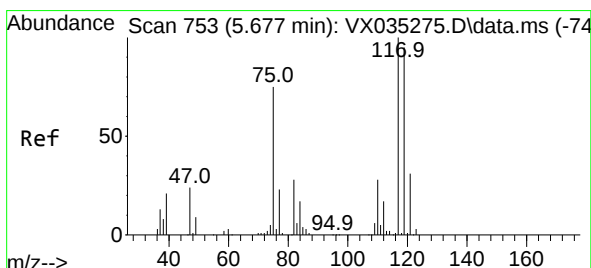
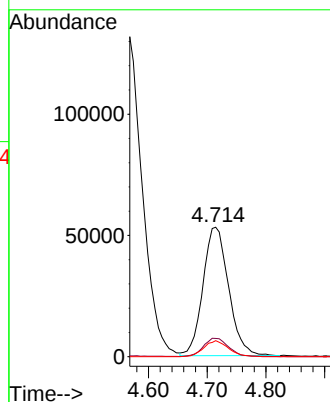
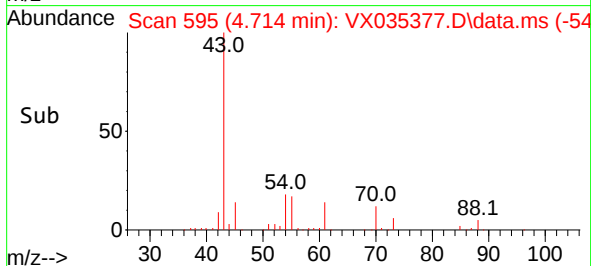
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 16038
Ion Ratio Lower Upper
43 100
61 14.3 10.2 15.4
70 12.0 8.2 12.4

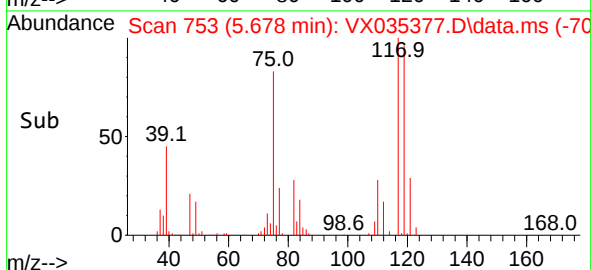
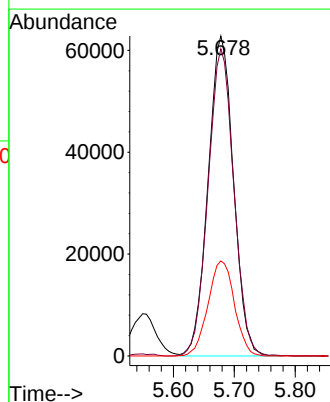
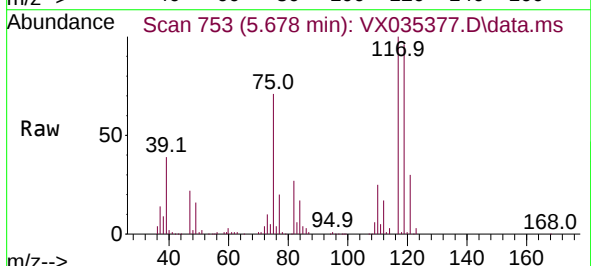
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#38
Carbon Tetrachloride
Concen: 52.964 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.001 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

Tgt Ion:117 Resp: 182278
Ion Ratio Lower Upper
117 100
119 95.8 76.6 114.8
121 29.7 23.8 35.6





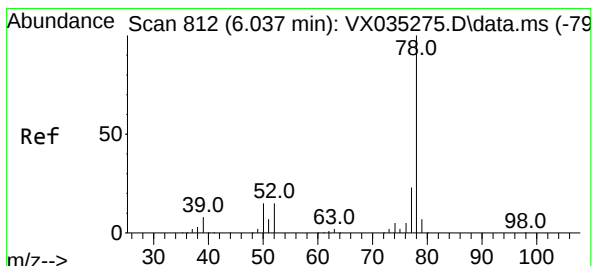
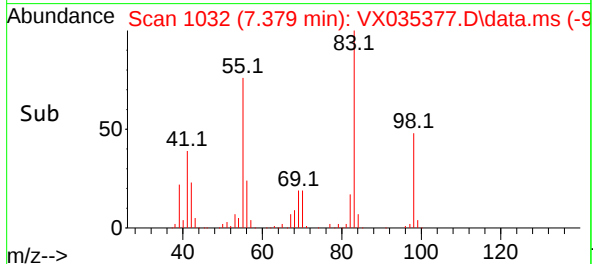
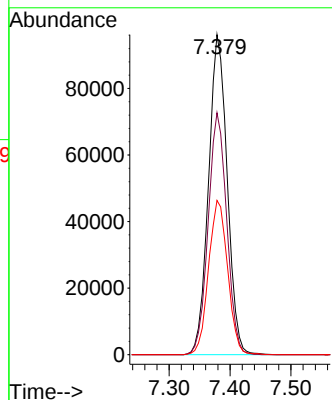
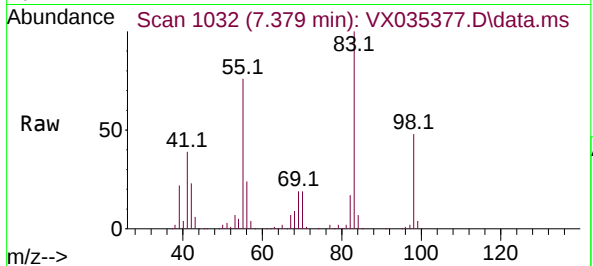
#39
Methylcyclohexane
Concen: 46.491 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 205159
Ion Ratio Lower Upper
83 100
55 75.6 60.5 90.7
98 48.2 40.4 60.6

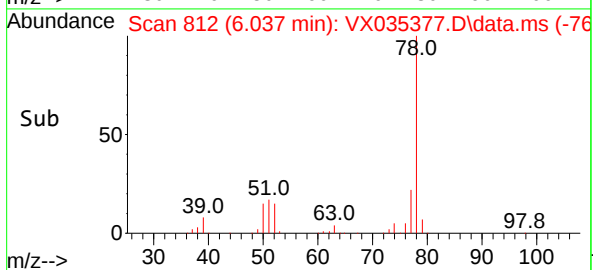
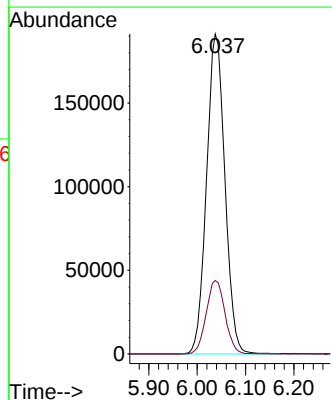
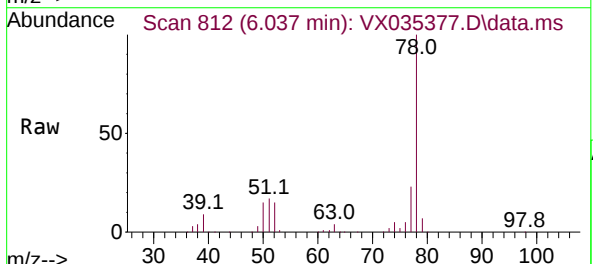
Manual Integrations
APPROVED

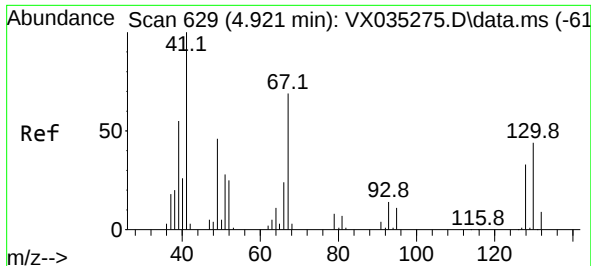
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#40
Benzene
Concen: 48.507 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

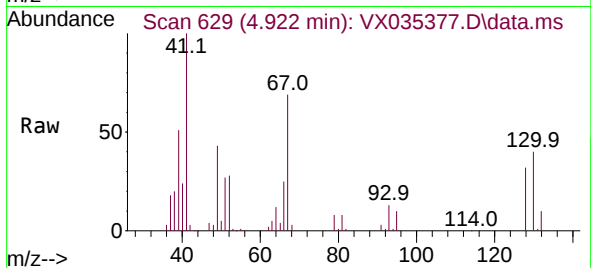
Tgt Ion: 78 Resp: 504462
Ion Ratio Lower Upper
78 100
77 22.9 19.0 28.4





#41
Methacrylonitrile
Concen: 49.551 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

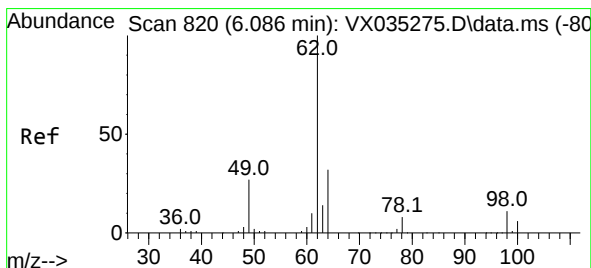
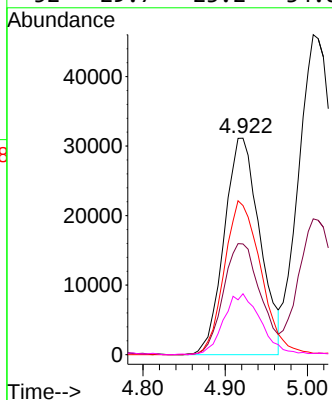
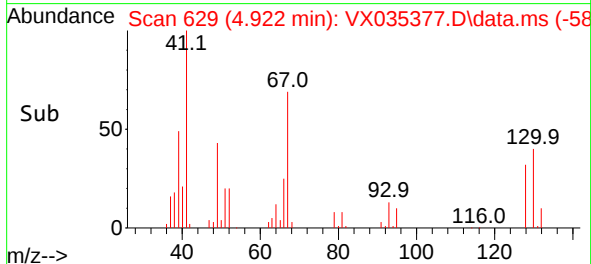
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 9401
Ion Ratio Lower Upper
41 100
39 53.0 45.0 67.6
67 73.3 55.6 83.4
52 29.7 23.2 34.8

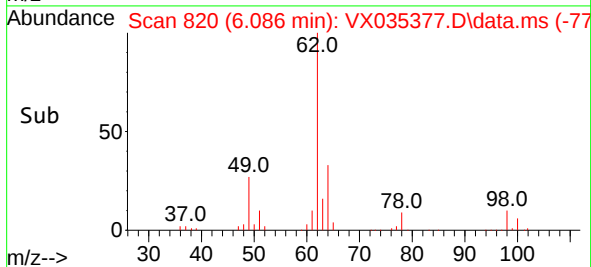
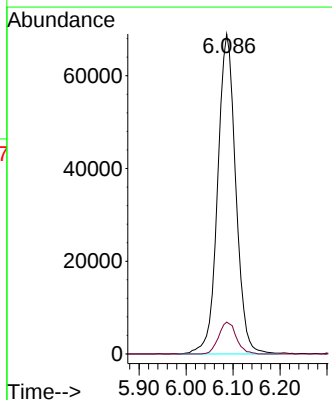
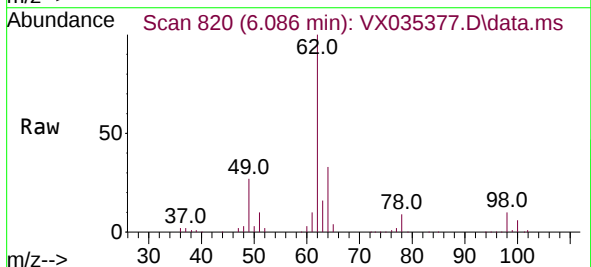
Manual Integrations
APPROVED

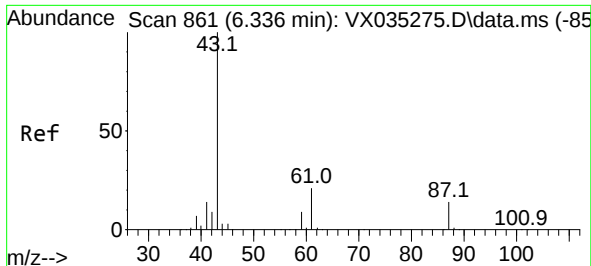
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#42
1,2-Dichloroethane
Concen: 49.922 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

Tgt Ion: 62 Resp: 185111
Ion Ratio Lower Upper
62 100
98 9.7 0.0 18.0





#43

Isopropyl Acetate

Concen: 49.498 ug/l

RT: 6.336 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX035377.D

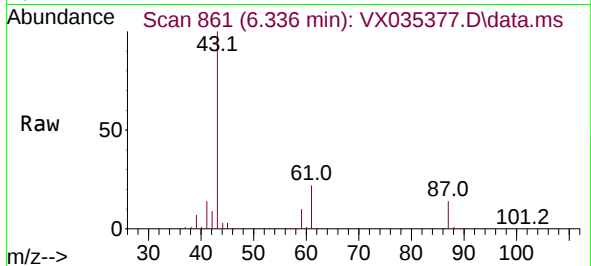
Acq: 28 Apr 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



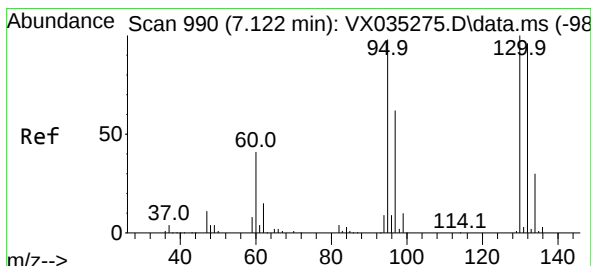
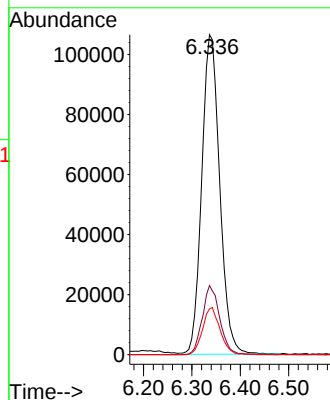
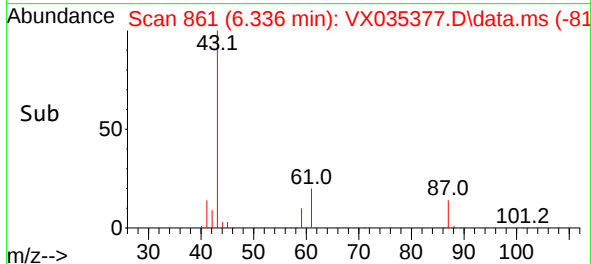
Tgt Ion:	43	Resp:	275394
Ion	Ratio	Lower	Upper
43	100		
61	20.9	15.2	22.8
87	14.3	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#44

Trichloroethene

Concen: 49.651 ug/l

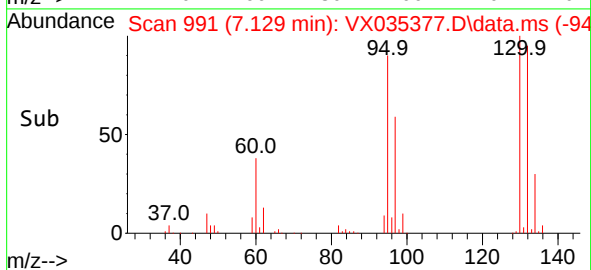
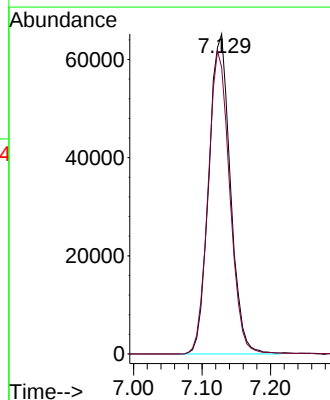
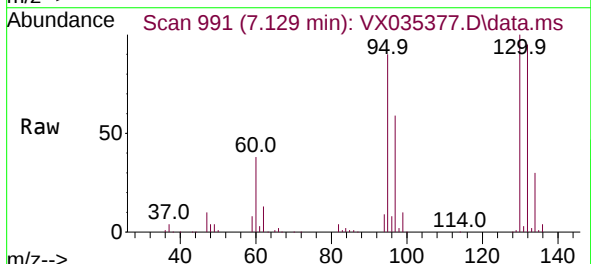
RT: 7.129 min Scan# 991

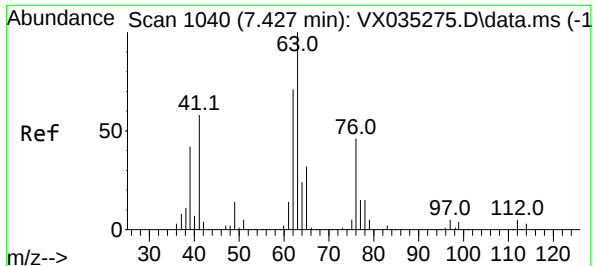
Delta R.T. 0.007 min

Lab File: VX035377.D

Acq: 28 Apr 2023 09:36

Tgt Ion:	130	Resp:	142248
Ion	Ratio	Lower	Upper
130	100		
95	89.6	0.0	198.4





#45

1,2-Dichloropropane

Concen: 49.594 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX035377.D

Acq: 28 Apr 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 130030

Ion Ratio Lower Upper

63 100

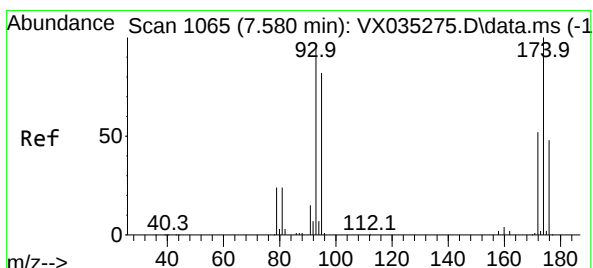
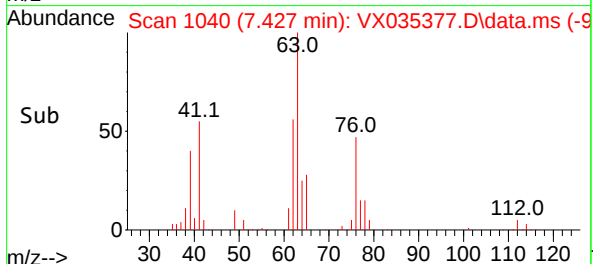
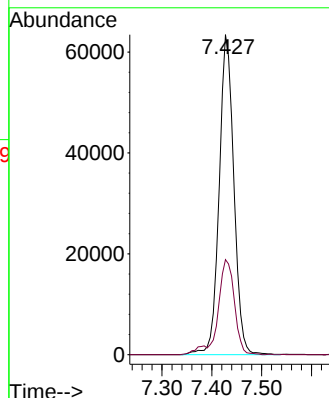
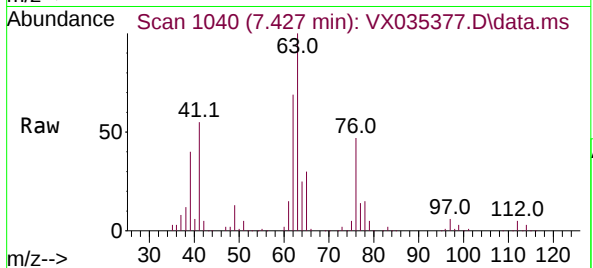
65 29.7 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#46

Dibromomethane

Concen: 50.685 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035377.D

Acq: 28 Apr 2023 09:36

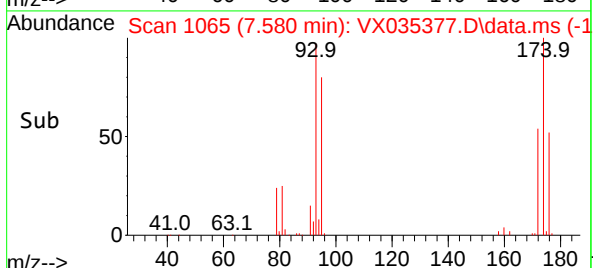
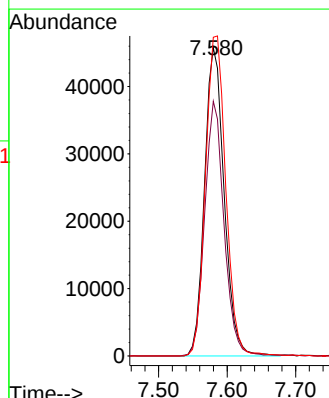
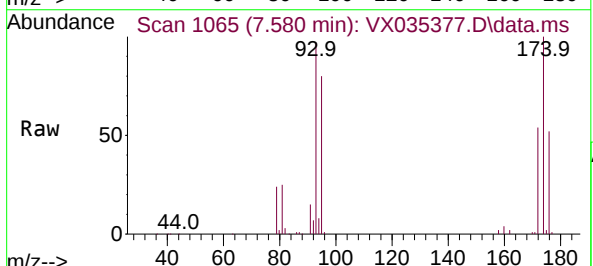
Tgt Ion: 93 Resp: 91259

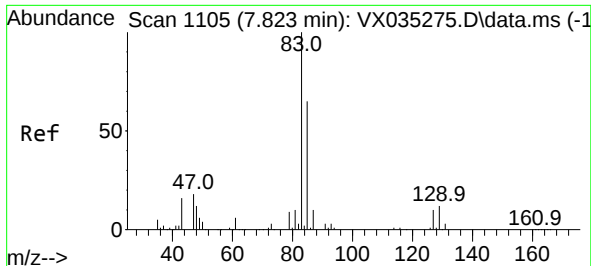
Ion Ratio Lower Upper

93 100

95 81.6 66.9 100.3

174 107.3 75.4 113.0





#47
Bromodichloromethane
Concen: 53.183 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

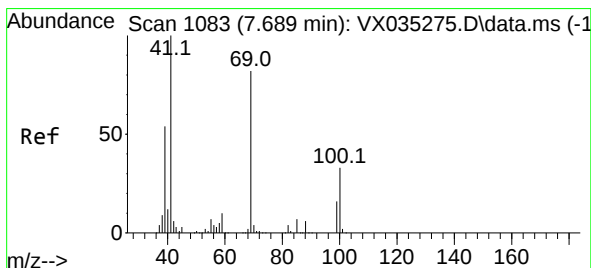
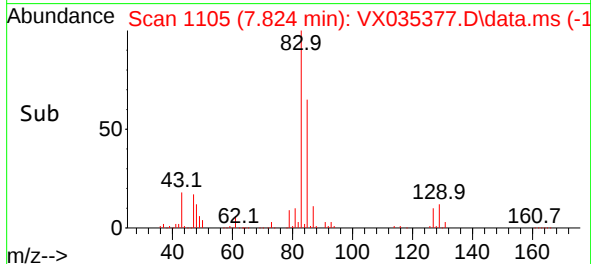
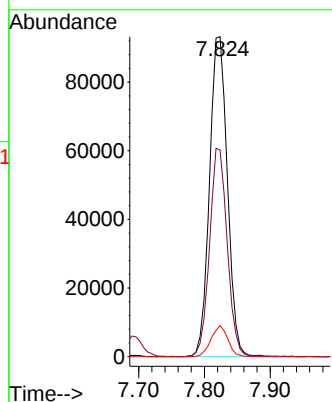
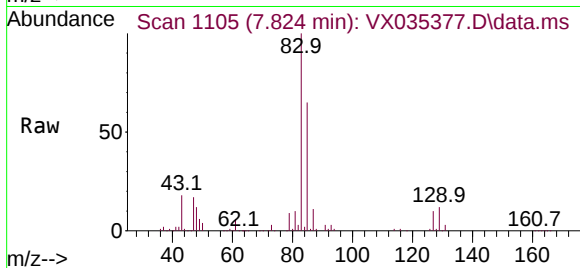
Tgt Ion: 83 Resp: 176425
Ion Ratio Lower Upper
83 100
85 64.6 52.2 78.4
127 9.7 6.6 9.8

Manual Integrations

APPROVED

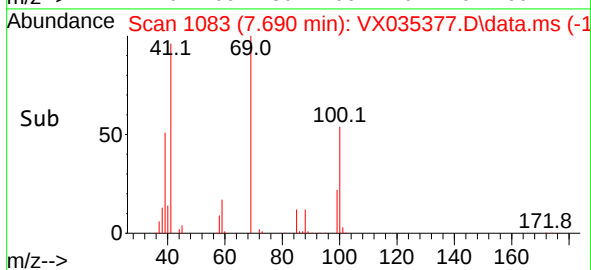
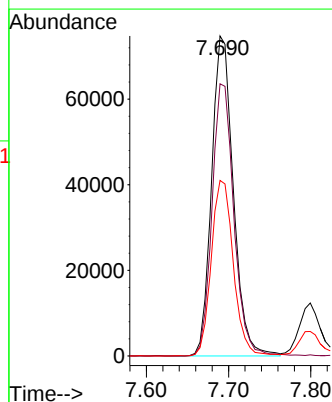
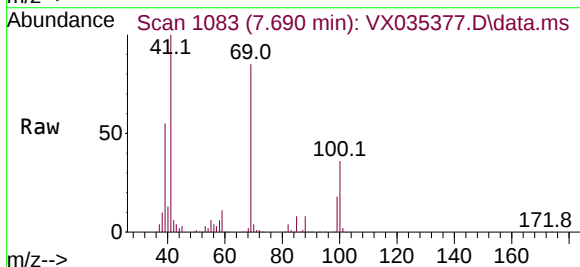
Reviewed By :John Carlone 04/28/2023

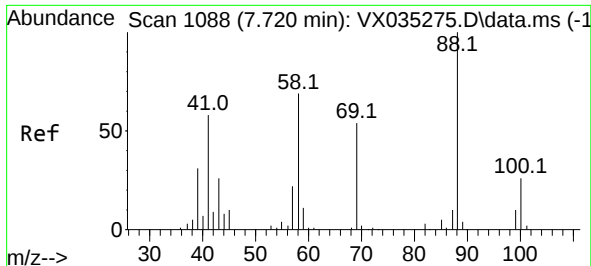
Supervised By :Mahesh Dadoda 04/28/2023



#48
Methyl methacrylate
Concen: 50.294 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

Tgt Ion: 41 Resp: 137260
Ion Ratio Lower Upper
41 100
69 85.6 62.2 93.4
39 55.7 47.7 71.5





#49

1,4-Dioxane

Concen: 963.892 ug/l

RT: 7.726 min Scan# 1088

Delta R.T. 0.006 min

Lab File: VX035377.D

Acq: 28 Apr 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

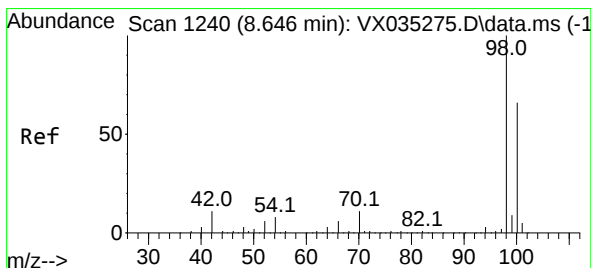
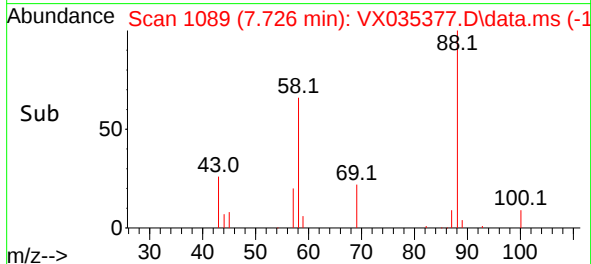
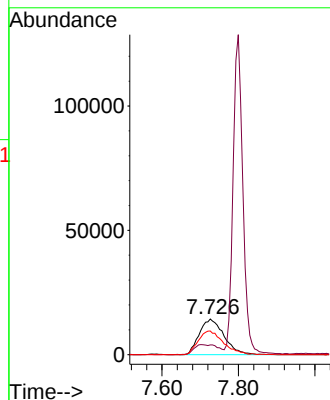
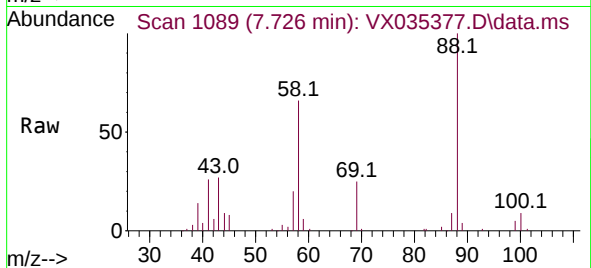
Tgt Ion: 88 Resp: 6412
 Ion Ratio Lower Upper
 88 100
 43 0.0 27.7 41.5
 58 67.7 56.8 85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#50

Toluene-d8

Concen: 44.049 ug/l

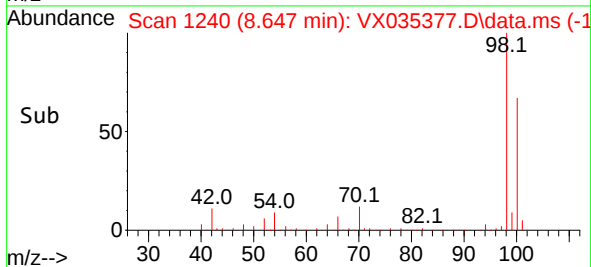
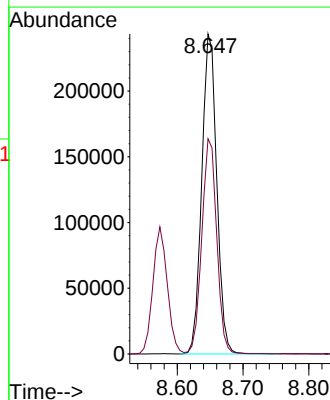
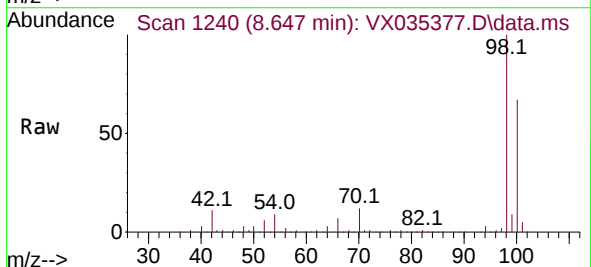
RT: 8.647 min Scan# 1240

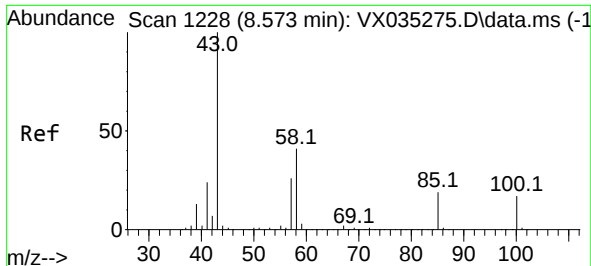
Delta R.T. 0.001 min

Lab File: VX035377.D

Acq: 28 Apr 2023 09:36

Tgt Ion: 98 Resp: 385802
 Ion Ratio Lower Upper
 98 100
 100 66.8 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 240.051 ug/l

RT: 8.574 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX035377.D

Acq: 28 Apr 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 82053

Ion Ratio Lower Upper

43 100

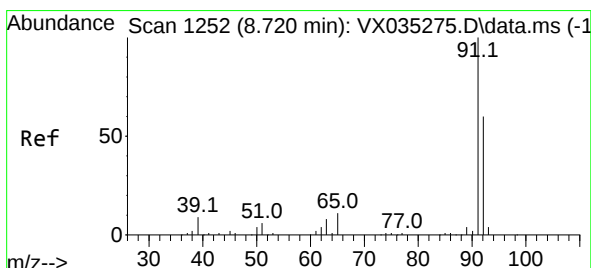
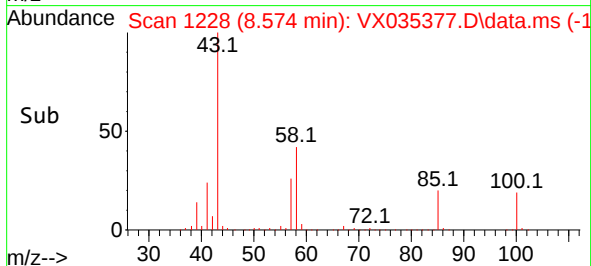
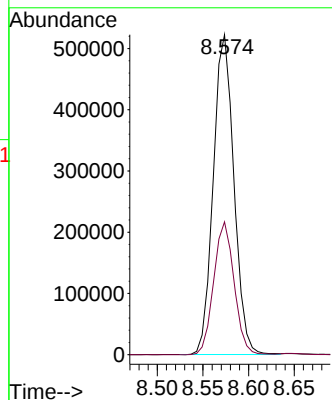
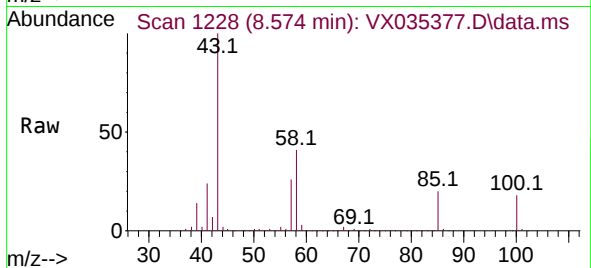
58 41.0 30.6 46.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#52

Toluene

Concen: 49.271 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX035377.D

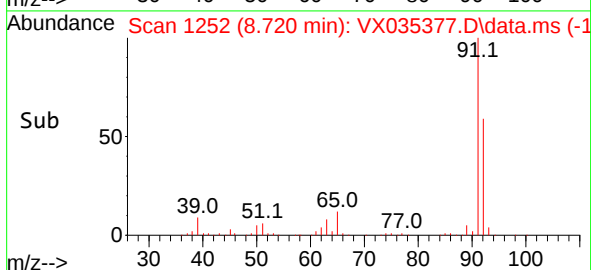
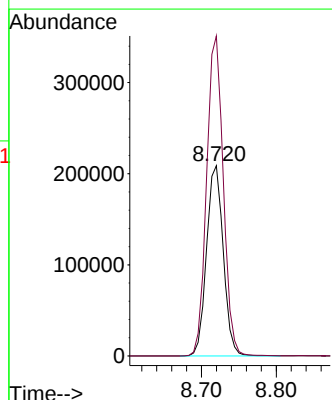
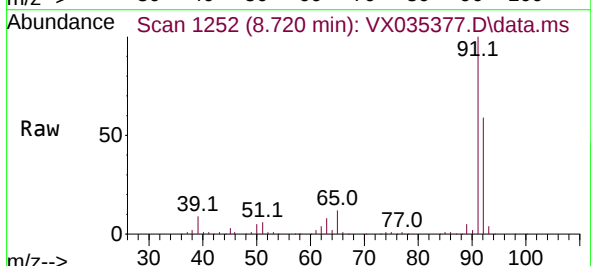
Acq: 28 Apr 2023 09:36

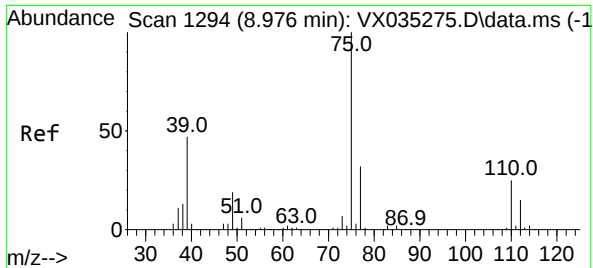
Tgt Ion: 92 Resp: 324800

Ion Ratio Lower Upper

92 100

91 167.6 136.8 205.2





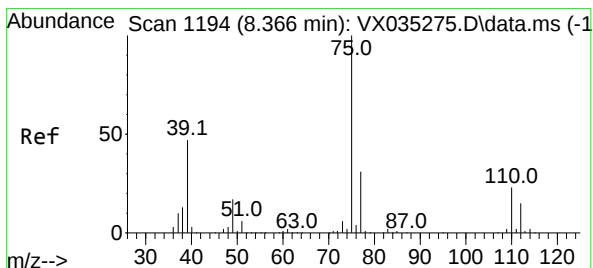
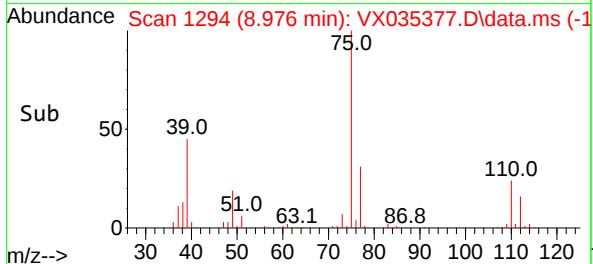
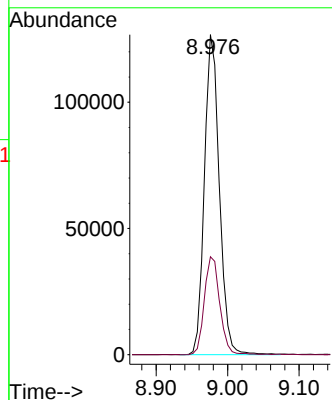
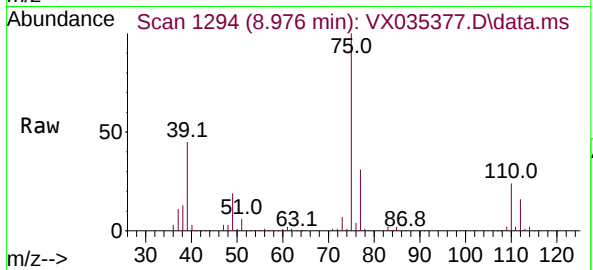
#53
t-1,3-Dichloropropene
Concen: 53.089 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 183924
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.2

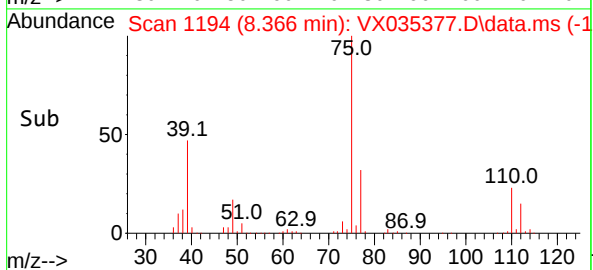
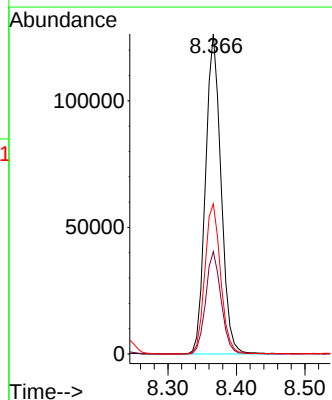
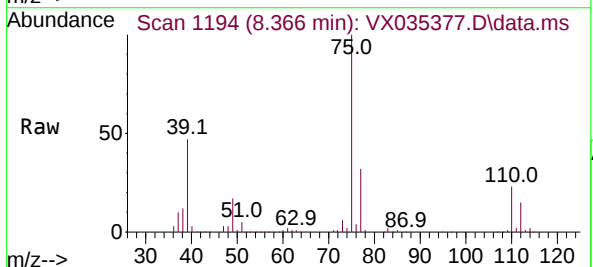
Manual Integrations
APPROVED

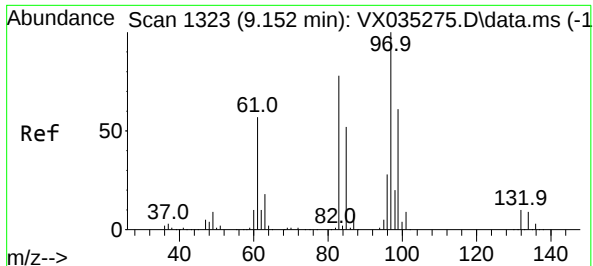
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#54
cis-1,3-Dichloropropene
Concen: 50.960 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

Tgt Ion: 75 Resp: 199548
Ion Ratio Lower Upper
75 100
77 32.0 25.0 37.4
39 46.8 44.6 66.8





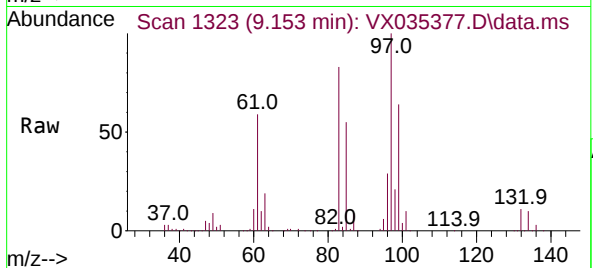
#55
1,1,2-Trichloroethane
Concen: 49.388 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.001 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



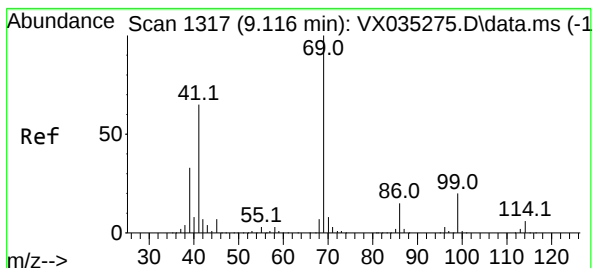
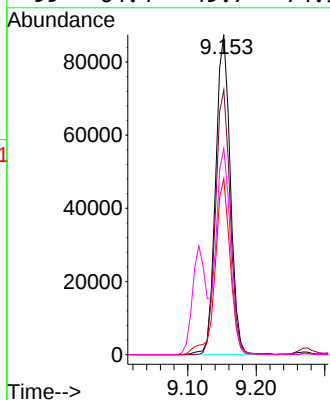
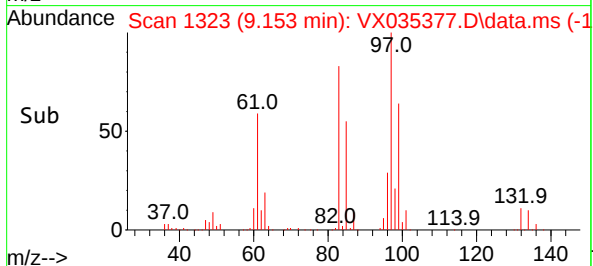
Tgt Ion: 97 Resp: 129788
Ion Ratio Lower Upper
97 100
83 82.7 69.7 104.5
85 55.0 43.7 65.5
99 64.4 49.7 74.5

Manual Integrations

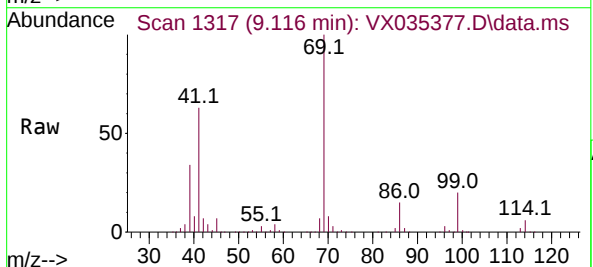
APPROVED

Reviewed By :John Carlone 04/28/2023

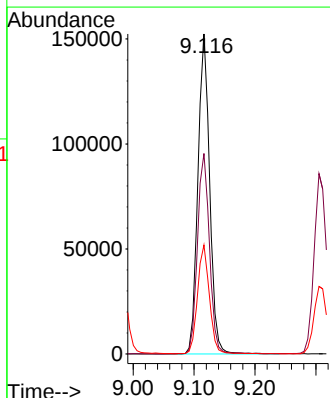
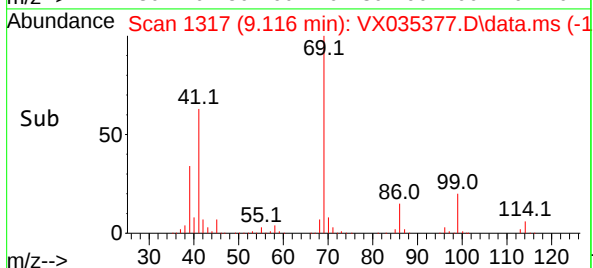
Supervised By :Mahesh Dadoda 04/28/2023

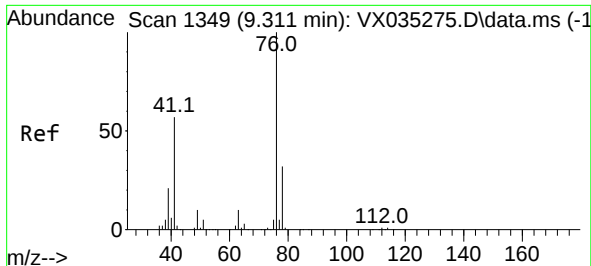


#56
Ethyl methacrylate
Concen: 52.039 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36



Tgt Ion: 69 Resp: 203720
Ion Ratio Lower Upper
69 100
41 64.3 57.4 86.0
39 34.2 33.7 50.5





#57

1,3-Dichloropropane

Concen: 49.123 ug/l

RT: 9.305 min Scan# 1134

Delta R.T. -0.006 min

Lab File: VX035377.D

Acq: 28 Apr 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 22080

Ion Ratio Lower Upper

76 100

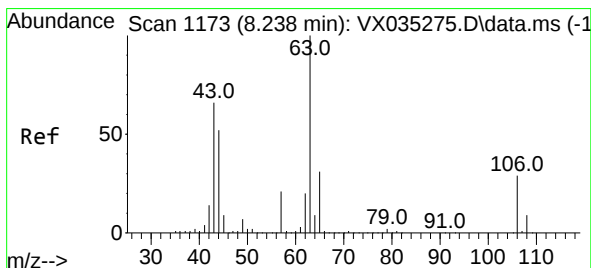
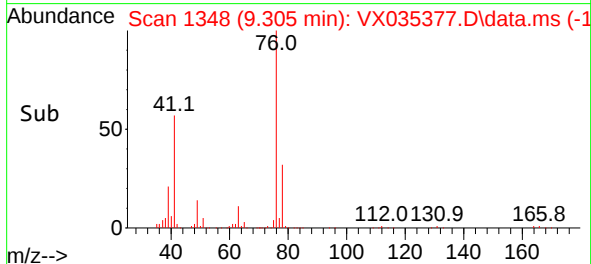
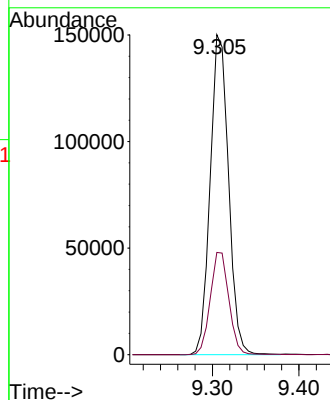
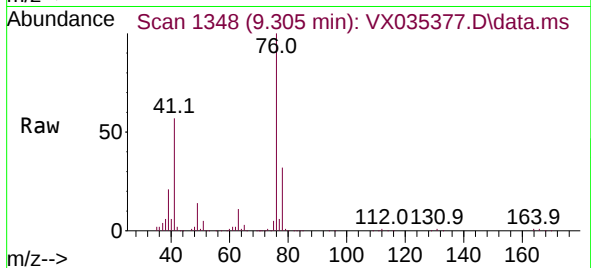
78 32.5 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#58

2-Chloroethyl Vinyl ether

Concen: 243.805 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX035377.D

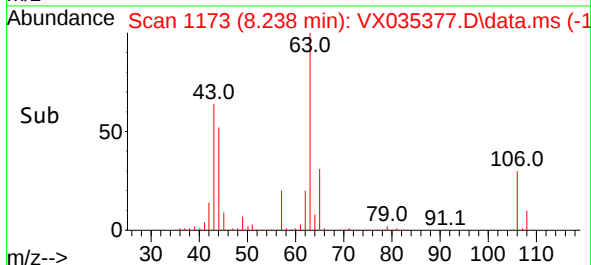
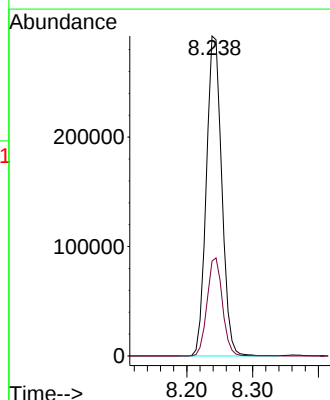
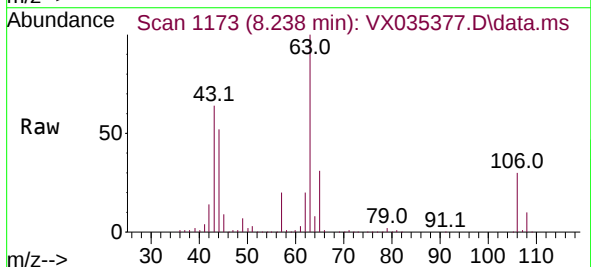
Acq: 28 Apr 2023 09:36

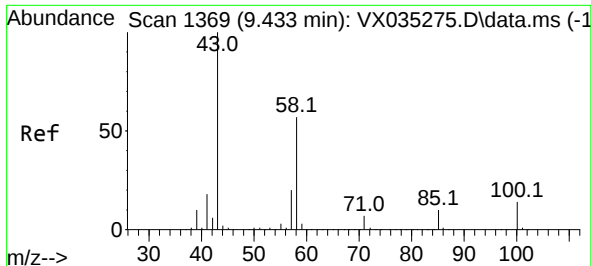
Tgt Ion: 63 Resp: 477234

Ion Ratio Lower Upper

63 100

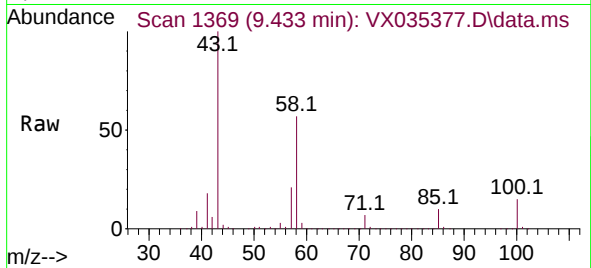
106 30.4 22.2 33.2





#59
2-Hexanone
Concen: 238.573 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

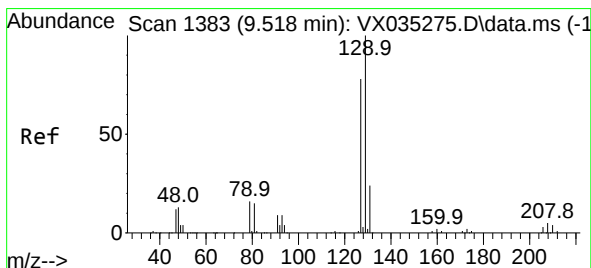
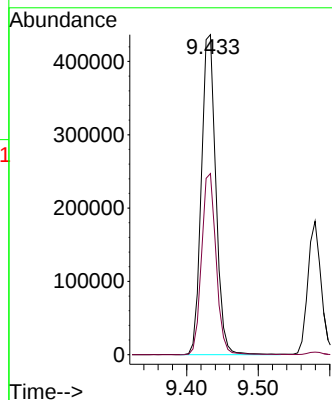
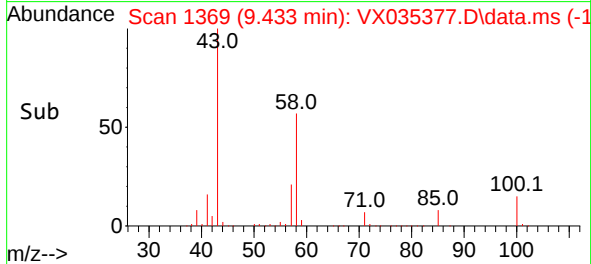
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



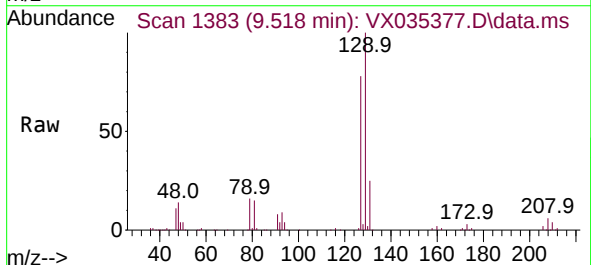
Tgt Ion: 43 Resp: 61262
Ion Ratio Lower Upper
43 100
58 56.7 26.3 78.9

Manual Integrations
APPROVED

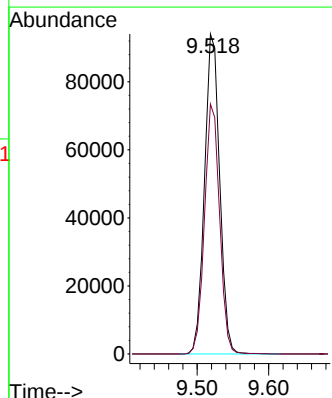
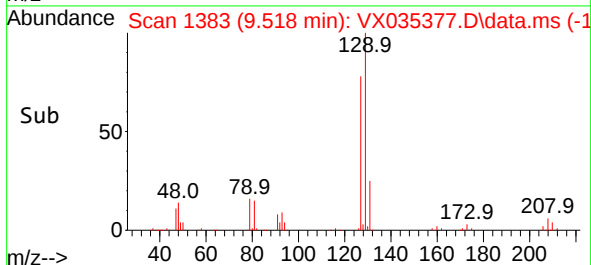
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

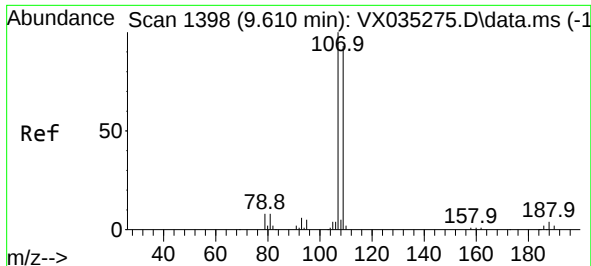


#60
Dibromochloromethane
Concen: 55.002 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36



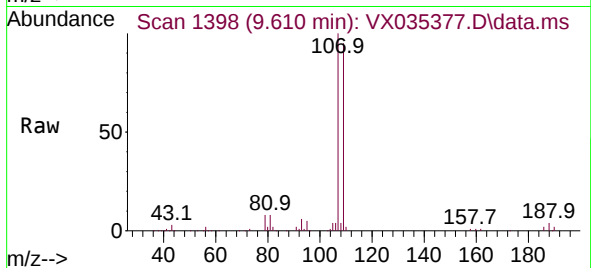
Tgt Ion:129 Resp: 138488
Ion Ratio Lower Upper
129 100
127 77.8 39.0 117.0





#61
1,2-Dibromoethane
Concen: 50.984 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

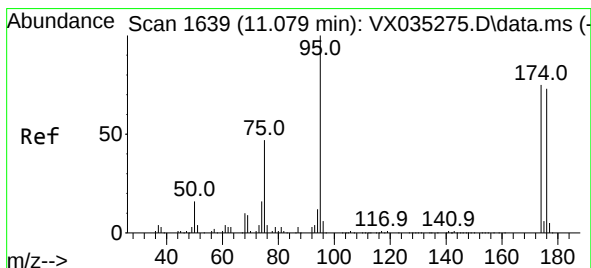
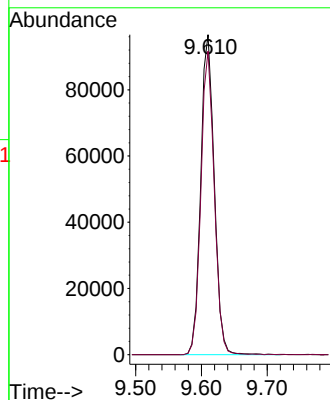
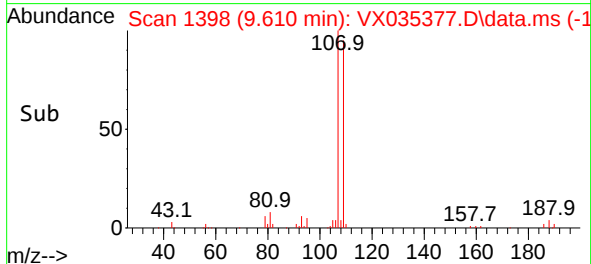
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



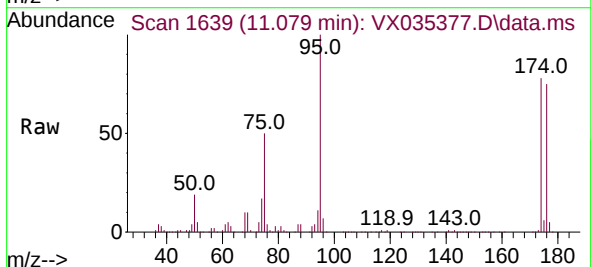
Tgt Ion:107 Resp: 13812
Ion Ratio Lower Upper
107 100
109 93.8 75.3 112.9

Manual Integrations
APPROVED

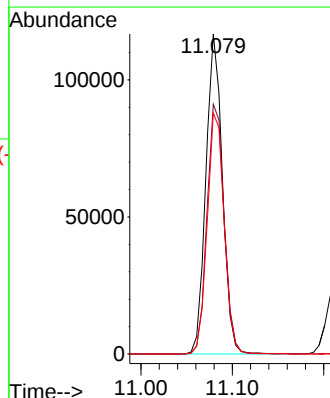
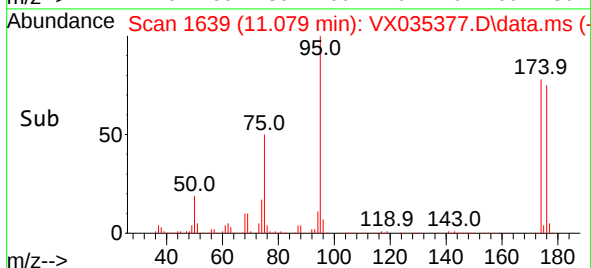
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#62
4-Bromofluorobenzene
Concen: 44.240 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36



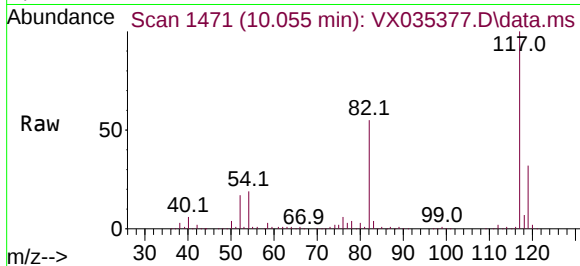
Tgt Ion: 95 Resp: 145759
Ion Ratio Lower Upper
95 100
174 81.2 0.0 147.4
176 77.3 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

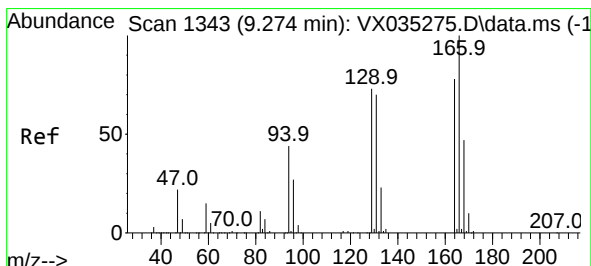
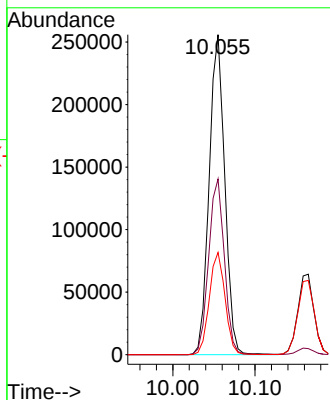
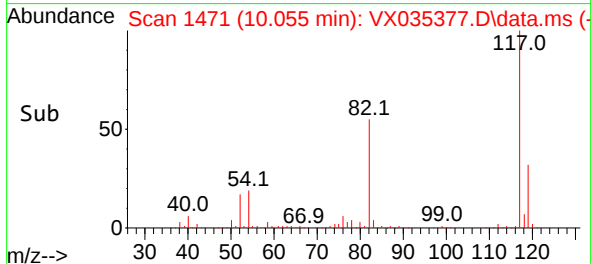
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 337144
Ion Ratio Lower Upper
117 100
82 54.9 45.0 67.4
119 32.0 26.0 39.0

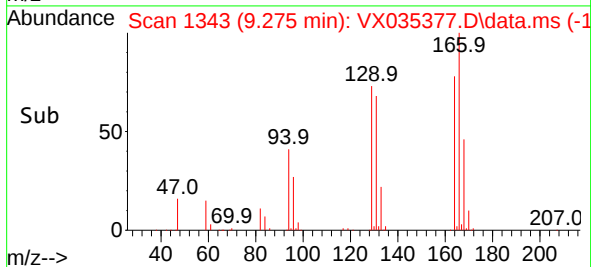
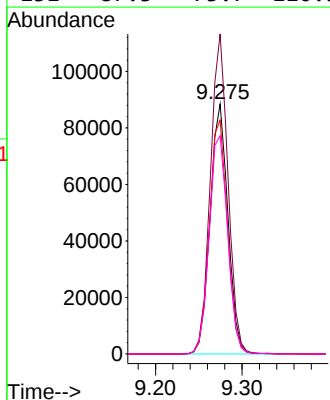
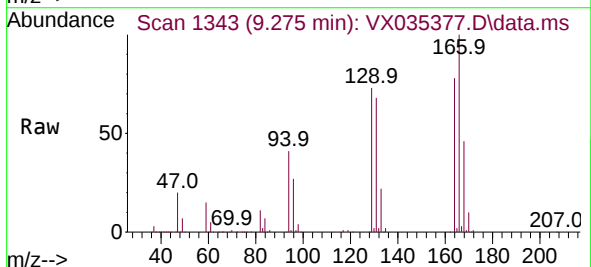
Manual Integrations
APPROVED

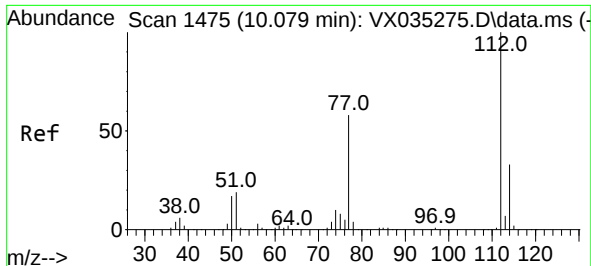
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#64
Tetrachloroethene
Concen: 49.108 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

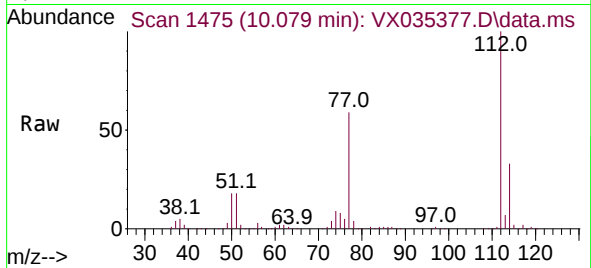
Tgt Ion:164 Resp: 126769
Ion Ratio Lower Upper
164 100
166 128.0 102.7 154.1
129 93.6 75.6 113.4
131 87.3 73.7 110.5





#65
Chlorobenzene
Concen: 48.070 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

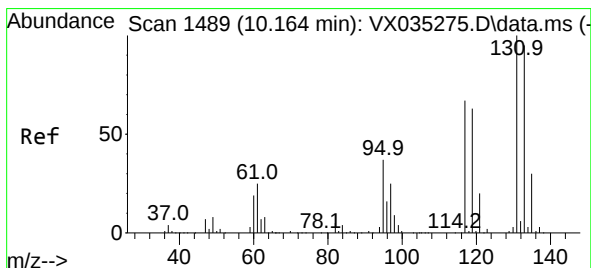
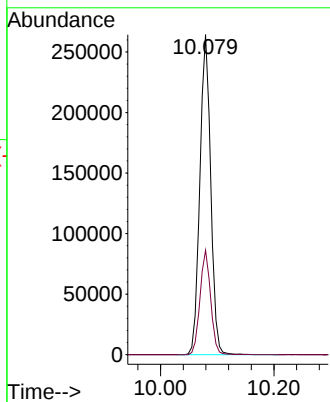
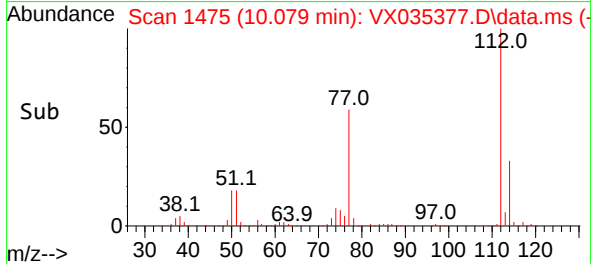
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



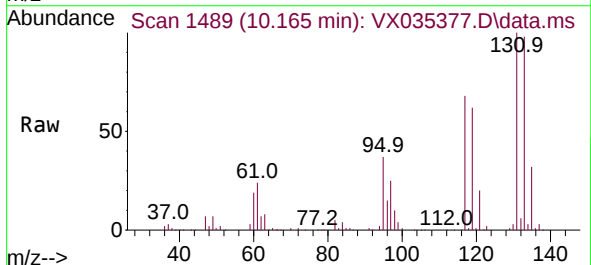
Tgt Ion:112 Resp: 350634
Ion Ratio Lower Upper
112 100
114 32.6 26.2 39.2

Manual Integrations
APPROVED

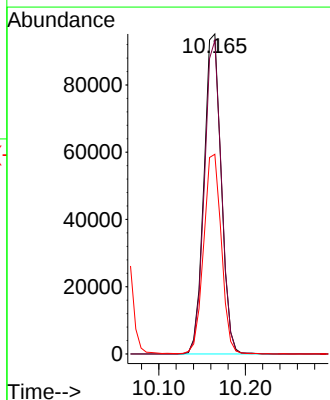
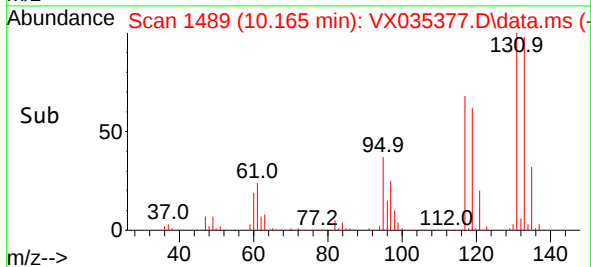
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

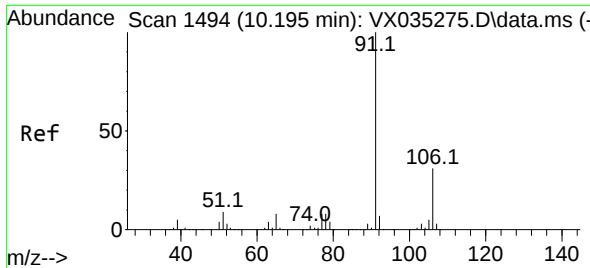


#66
1,1,1,2-Tetrachloroethane
Concen: 51.852 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36



Tgt Ion:131 Resp: 131629
Ion Ratio Lower Upper
131 100
133 96.7 47.1 141.4
119 63.9 32.6 98.0





#67

Ethyl Benzene

Concen: 49.342 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX035377.D

Acq: 28 Apr 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 62328

Ion Ratio Lower Upper

91 100

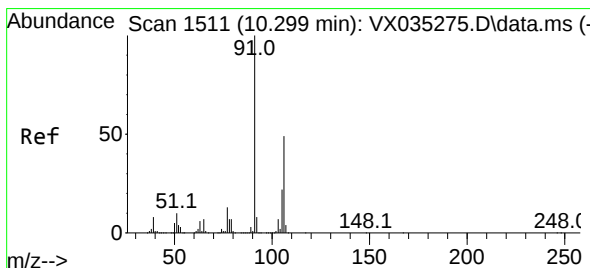
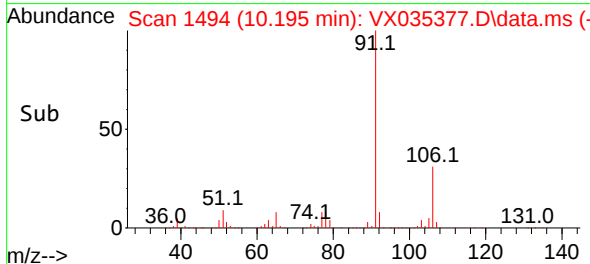
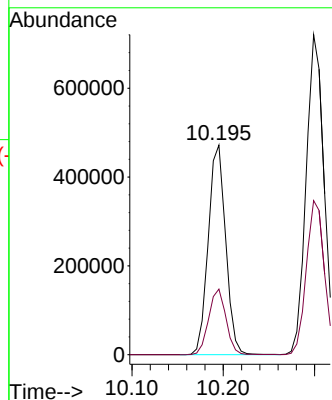
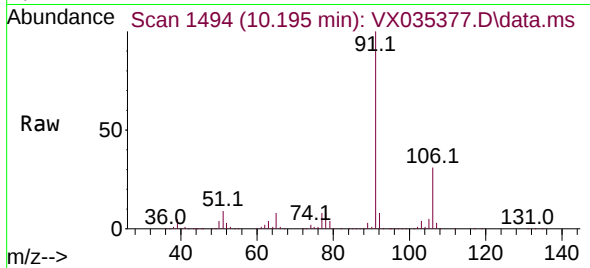
106 31.3 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#68

m/p-Xylenes

Concen: 98.915 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX035377.D

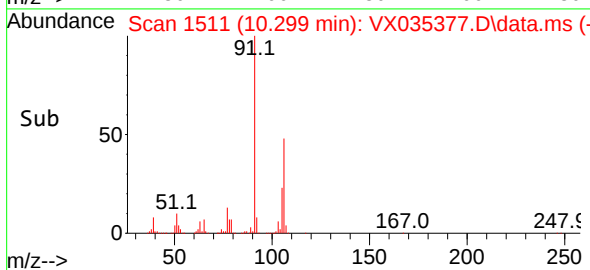
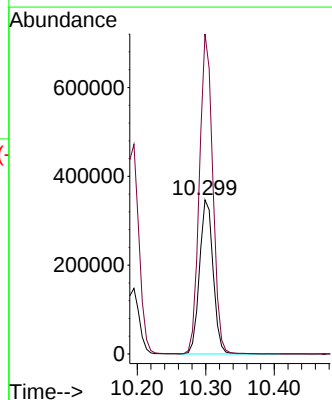
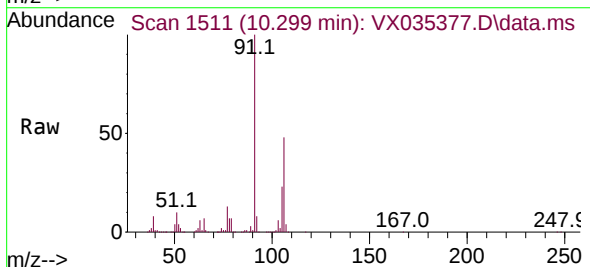
Acq: 28 Apr 2023 09:36

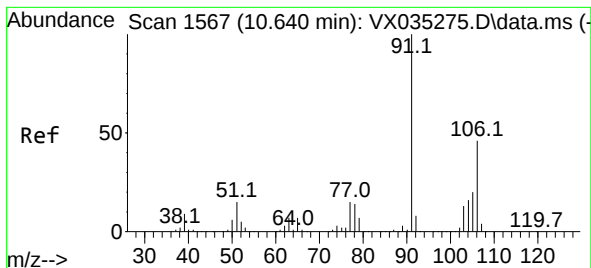
Tgt Ion:106 Resp: 478780

Ion Ratio Lower Upper

106 100

91 204.2 164.0 246.0





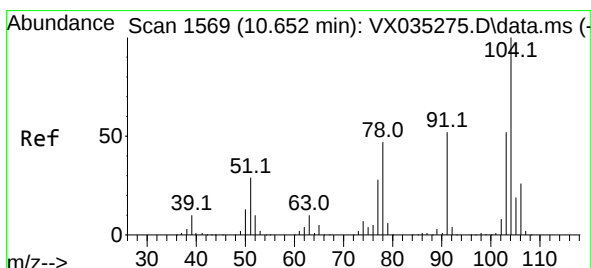
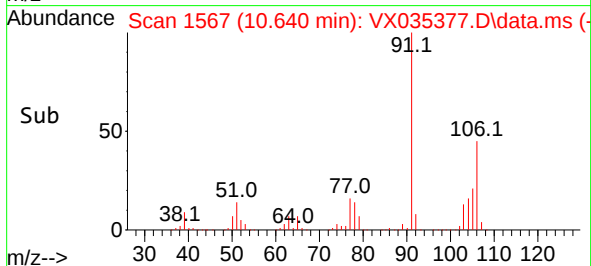
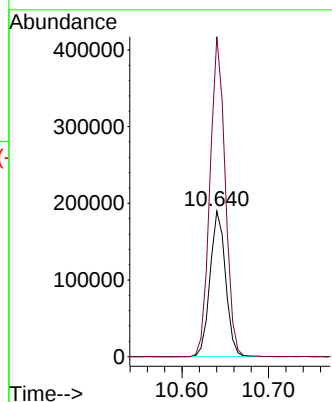
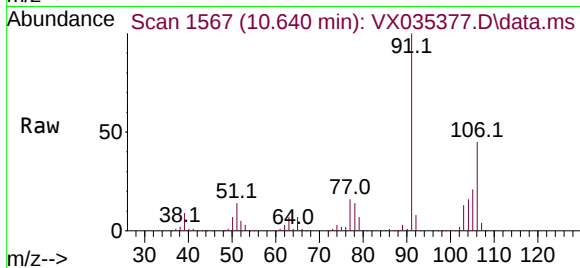
#69
o-Xylene
Concen: 49.740 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 236080
Ion Ratio Lower Upper
106 100
91 216.1 108.5 325.3

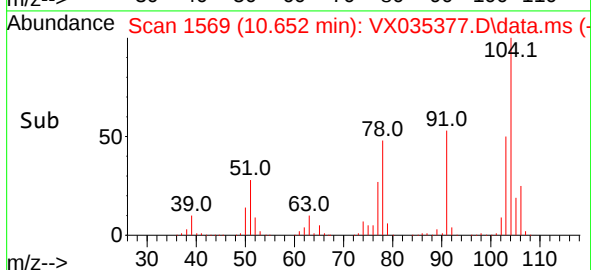
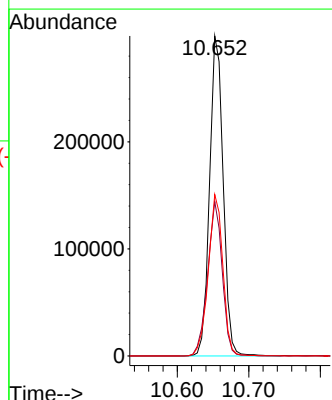
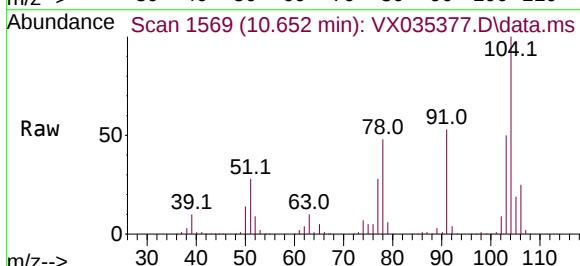
Manual Integrations
APPROVED

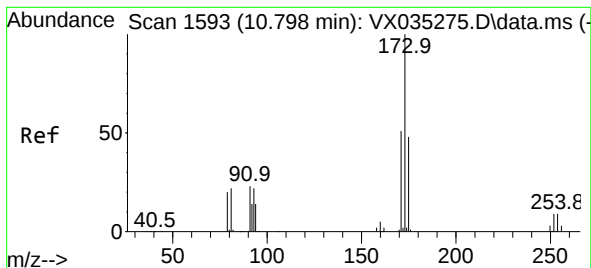
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#70
Styrene
Concen: 51.310 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

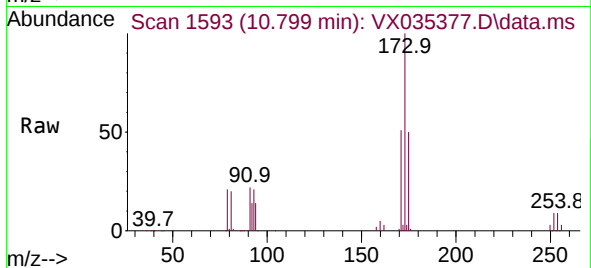
Tgt Ion:104 Resp: 394873
Ion Ratio Lower Upper
104 100
78 51.9 43.4 65.2
103 54.2 44.2 66.2





#71
Bromoform
Concen: 55.651 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.001 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

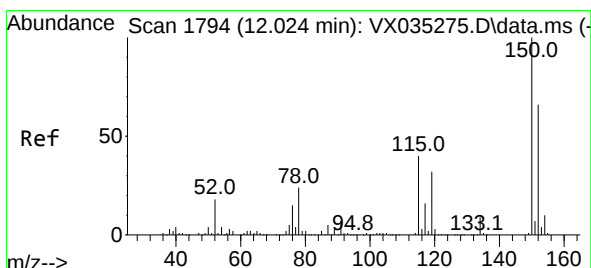
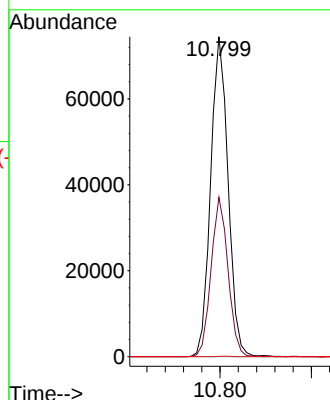
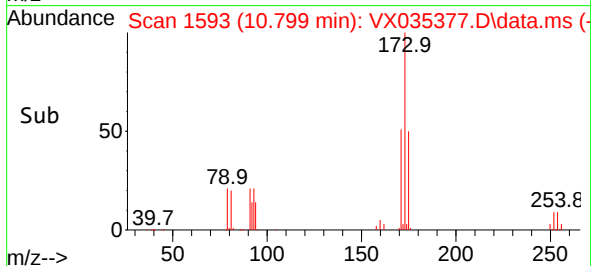
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



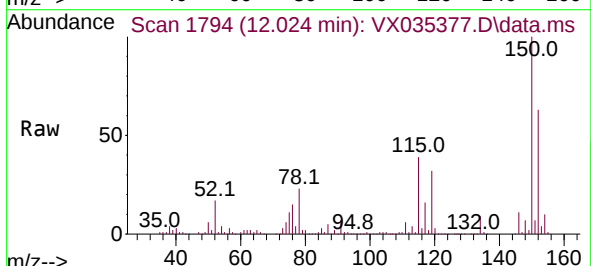
Tgt Ion:173 Resp: 9826
Ion Ratio Lower Upper
173 100
175 48.4 24.1 72.4
254 0.1 0.1 0.1

Manual Integrations
APPROVED

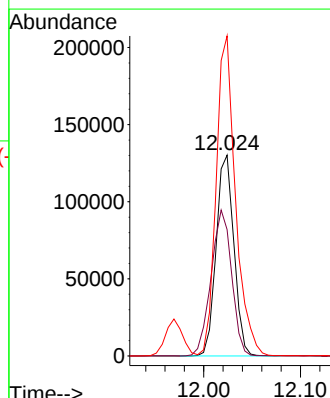
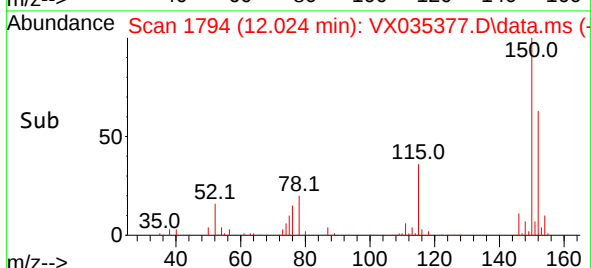
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

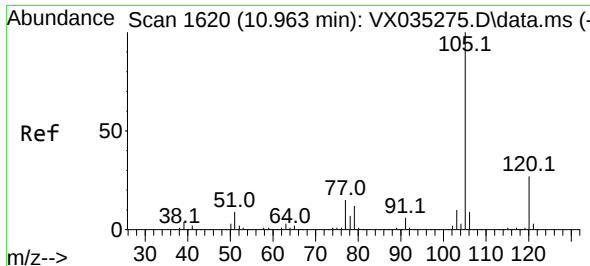


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36



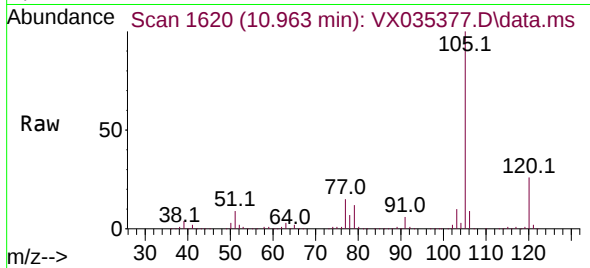
Tgt Ion:152 Resp: 165510
Ion Ratio Lower Upper
152 100
115 84.6 45.0 135.0
150 173.4 0.0 352.4





#73
Isopropylbenzene
Concen: 51.409 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

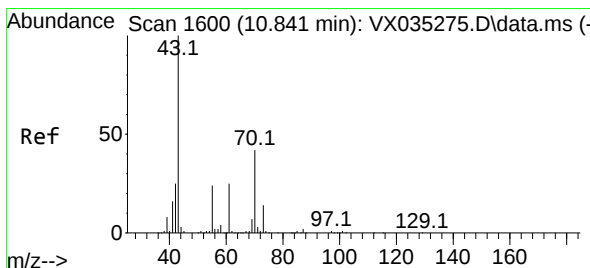
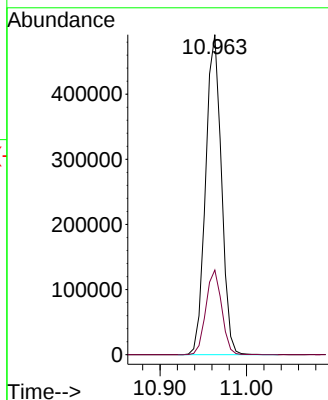
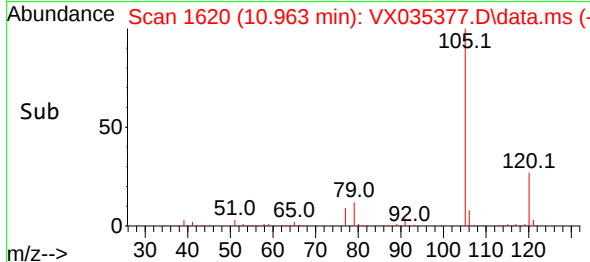
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



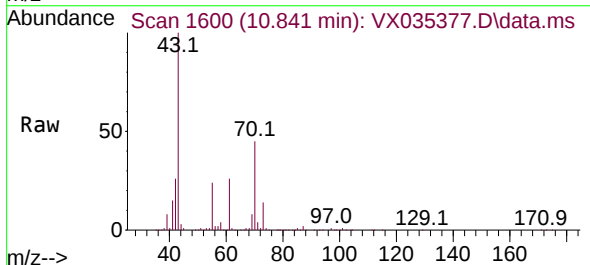
Tgt Ion: 105 Resp: 621970
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9

Manual Integrations
APPROVED

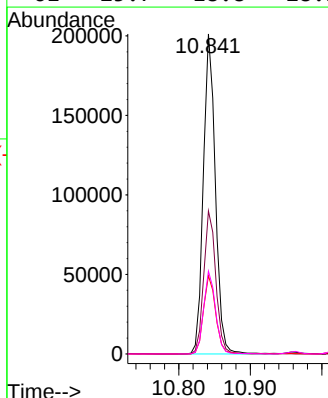
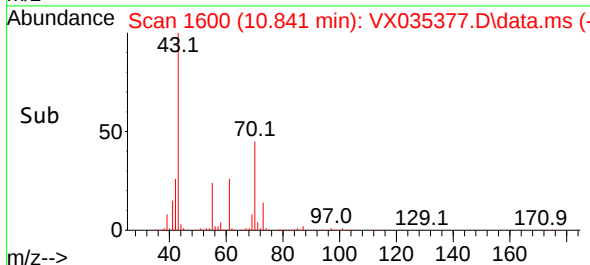
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

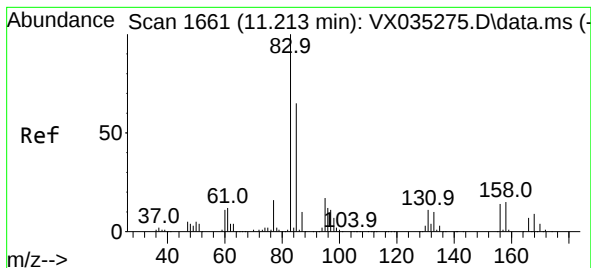


#74
N-ethyl acetate
Concen: 51.719 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36



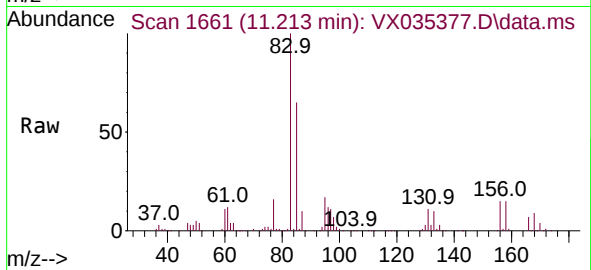
Tgt Ion: 43 Resp: 235153
Ion Ratio Lower Upper
43 100
70 45.4 32.1 48.1
55 24.9 18.3 27.5
61 25.7 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 49.832 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

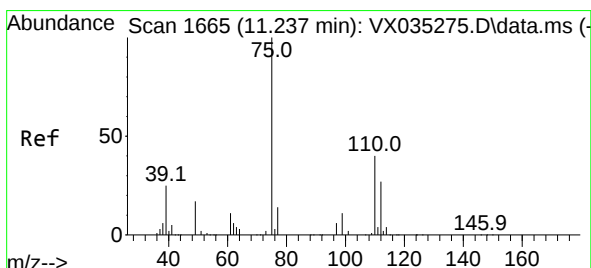
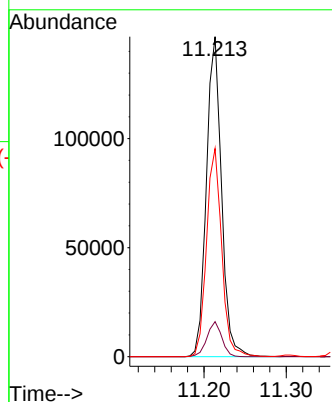
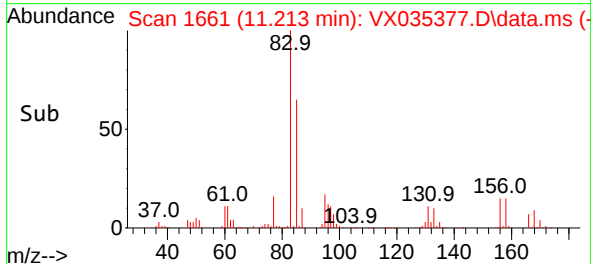
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



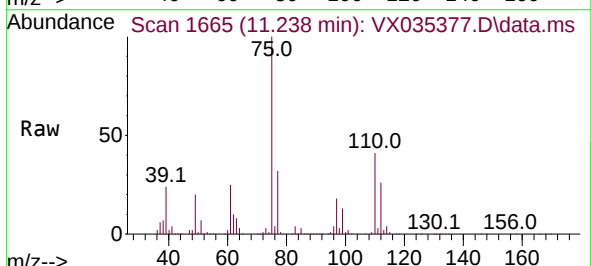
Tgt Ion: 83 Resp: 187128
Ion Ratio Lower Upper
83 100
131 10.8 4.8 14.3
85 65.4 32.0 96.0

Manual Integrations
APPROVED

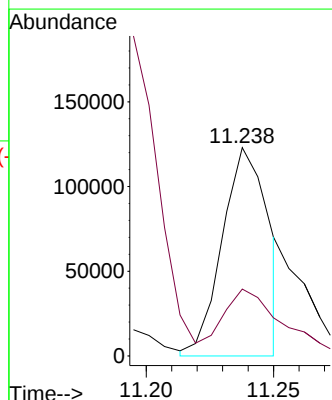
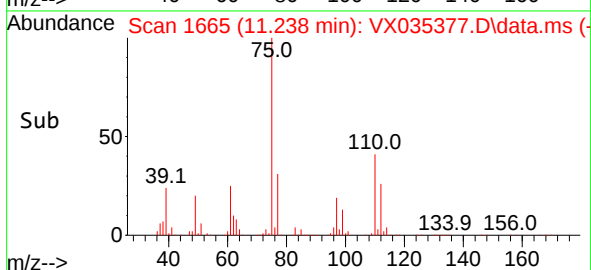
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

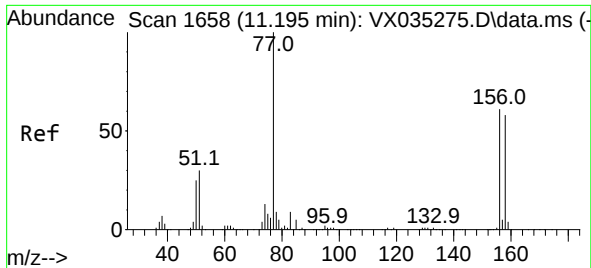


#76
1,2,3-Trichloropropane
Concen: 47.019 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36



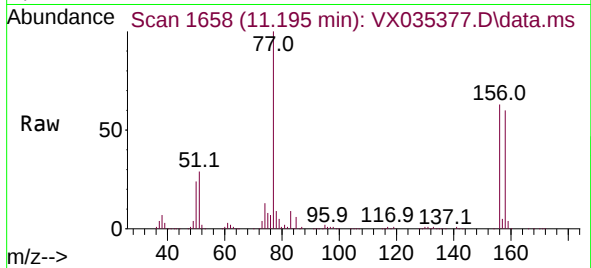
Tgt Ion: 75 Resp: 155234
Ion Ratio Lower Upper
75 100
77 41.8 21.6 64.8





#77
Bromobenzene
Concen: 51.242 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

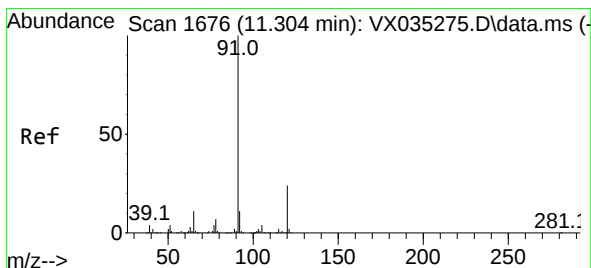
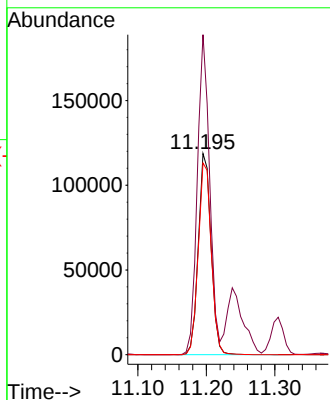
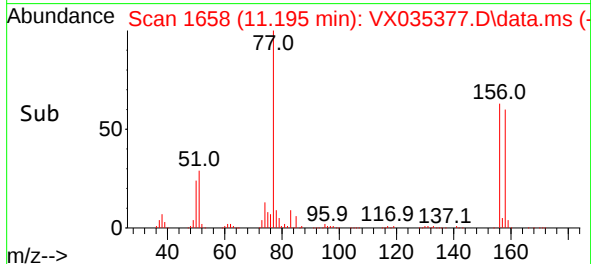
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



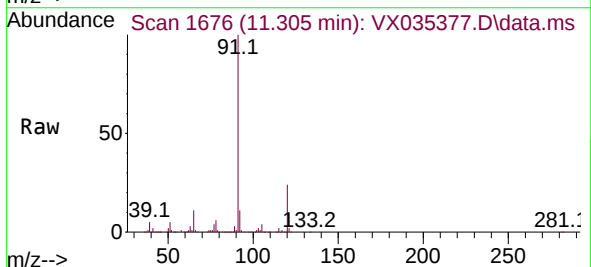
Tgt Ion:156 Resp: 154108
Ion Ratio Lower Upper
156 100
77 153.7 86.7 259.9
158 97.2 48.0 144.0

Manual Integrations
APPROVED

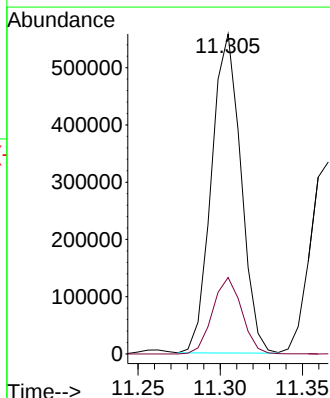
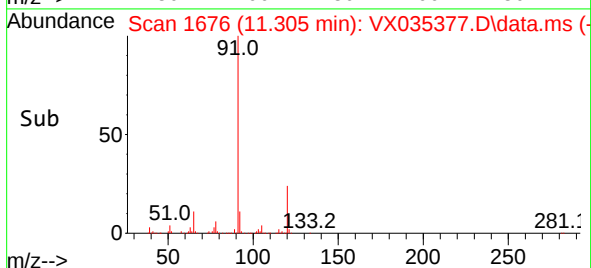
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

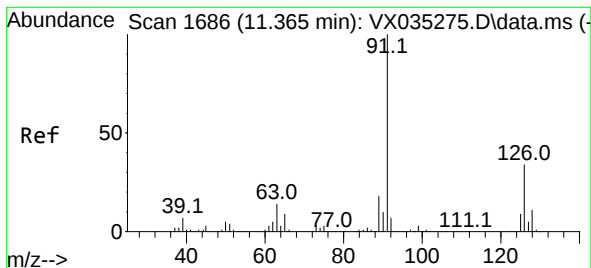


#78
n-propylbenzene
Concen: 50.005 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36



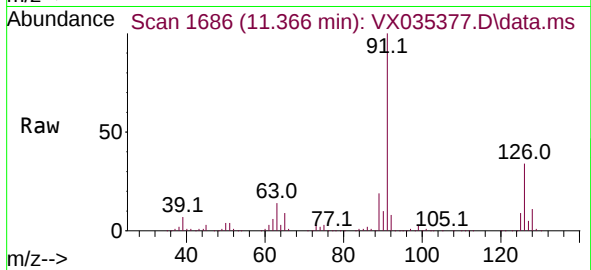
Tgt Ion: 91 Resp: 694822
Ion Ratio Lower Upper
91 100
120 23.7 11.5 34.5





#79
2-Chlorotoluene
Concen: 49.578 ug/l
RT: 11.366 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

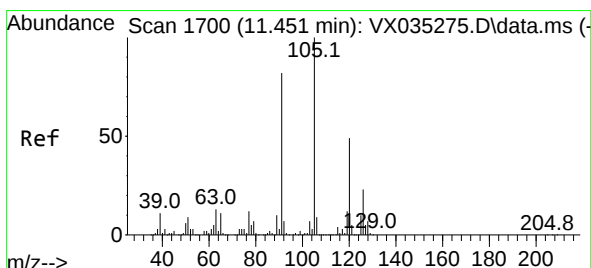
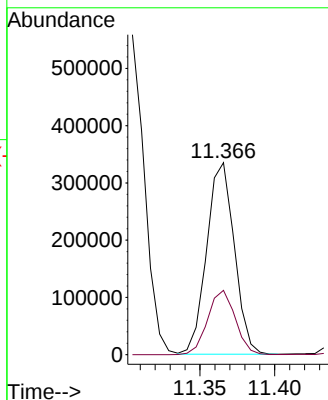
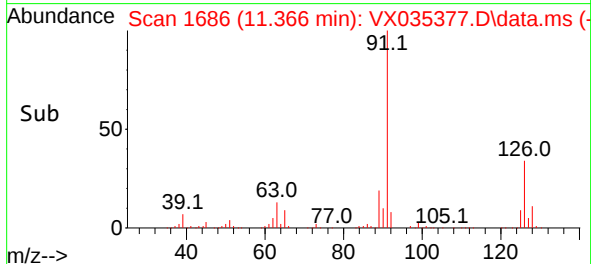
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



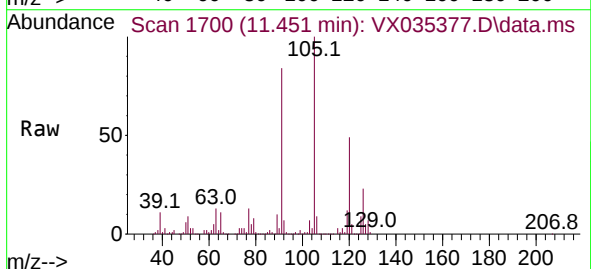
Tgt Ion: 91 Resp: 43047
Ion Ratio Lower Upper
91 100
126 33.5 16.3 48.9

Manual Integrations
APPROVED

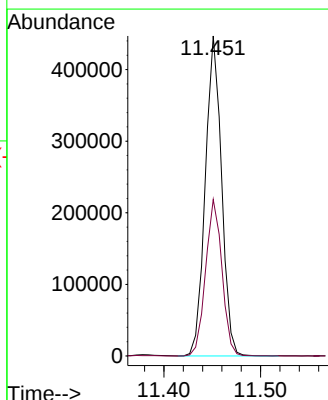
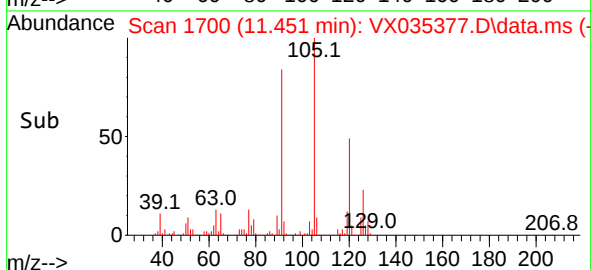
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

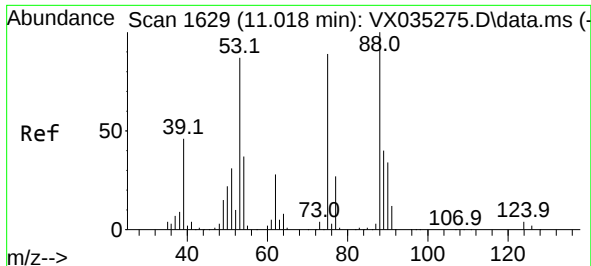


#80
1,3,5-Trimethylbenzene
Concen: 51.319 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36



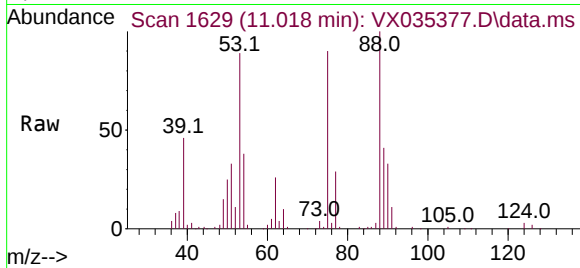
Tgt Ion:105 Resp: 523527
Ion Ratio Lower Upper
105 100
120 49.1 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 47.486 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

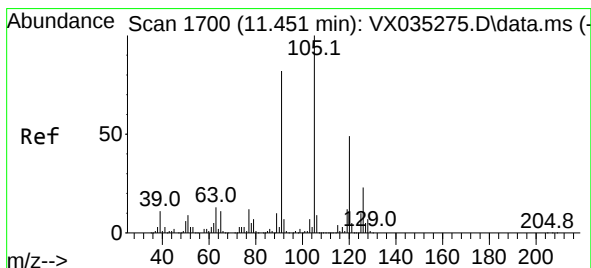
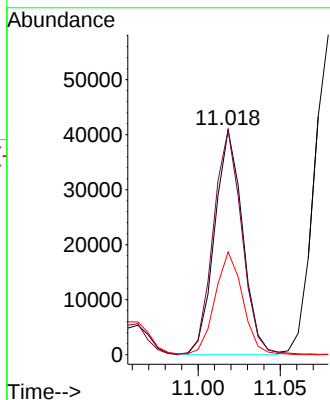
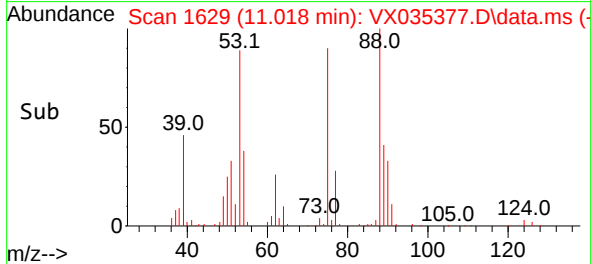
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 48400
Ion Ratio Lower Upper
75 100
53 101.7 82.6 124.0
89 45.3 36.9 55.3

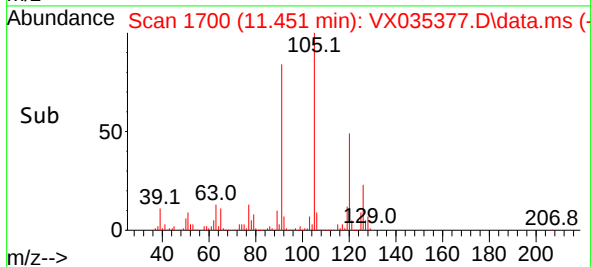
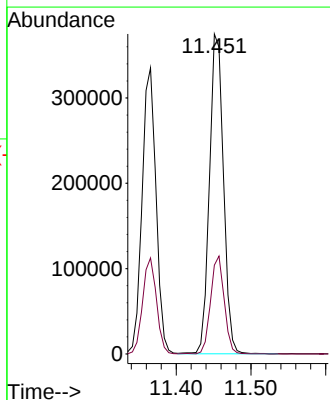
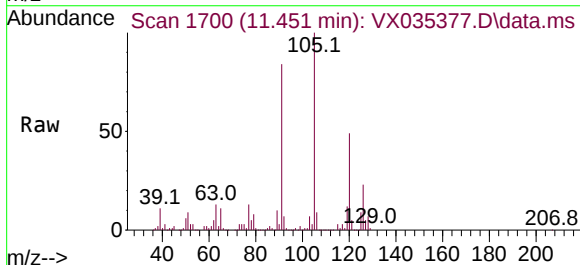
Manual Integrations
APPROVED

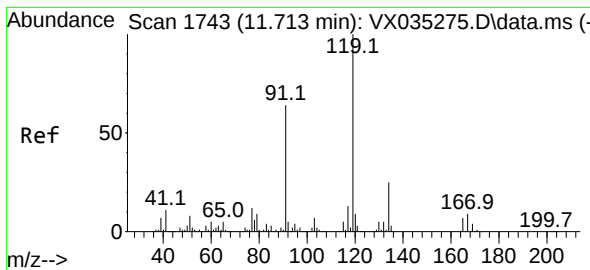
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#82
4-Chlorotoluene
Concen: 50.212 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

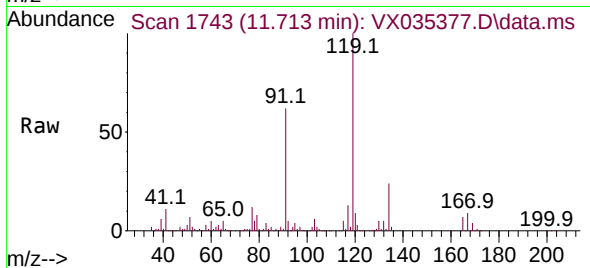
Tgt Ion: 91 Resp: 489669
Ion Ratio Lower Upper
91 100
126 29.8 14.2 42.6





#83
tert-Butylbenzene
Concen: 50.673 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

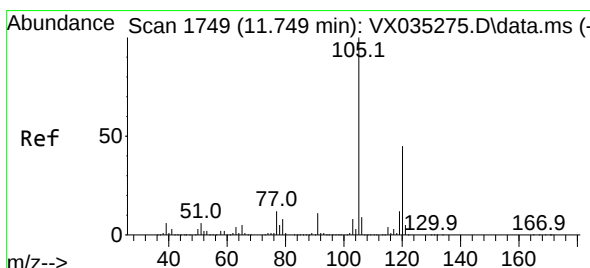
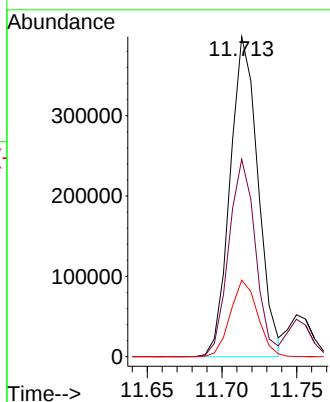
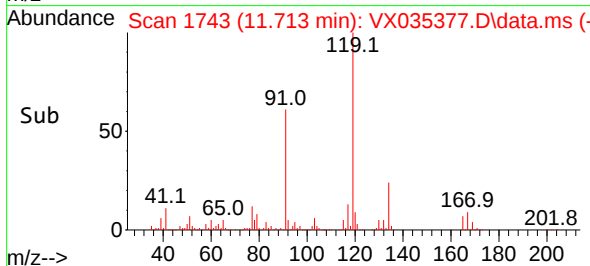
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



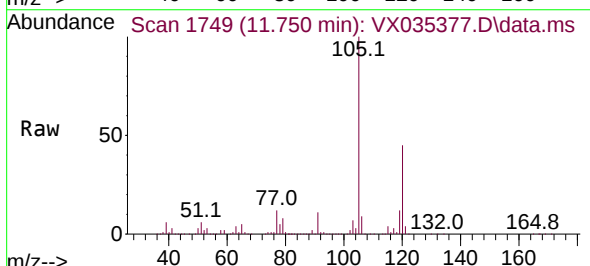
Tgt Ion:119 Resp: 518679
Ion Ratio Lower Upper
119 100
91 59.2 30.6 92.0
134 23.4 11.8 35.4

Manual Integrations
APPROVED

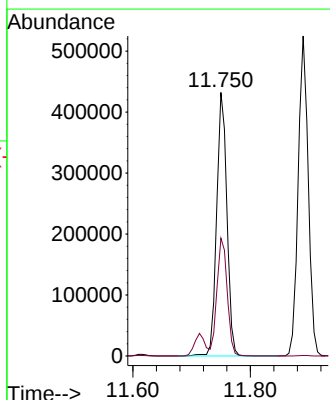
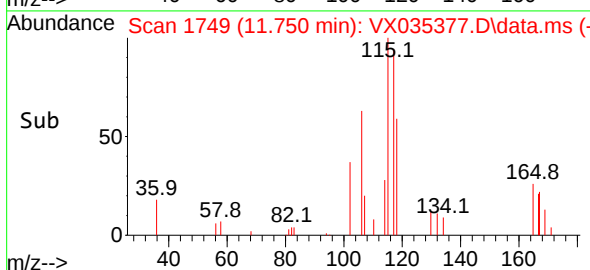
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

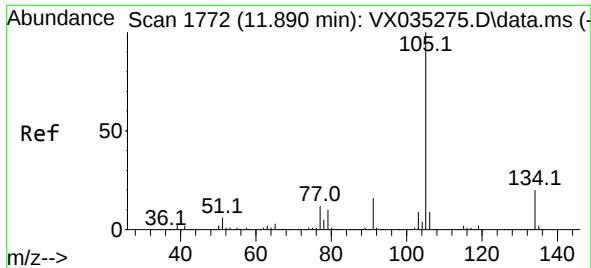


#84
1,2,4-Trimethylbenzene
Concen: 50.922 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.001 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36



Tgt Ion:105 Resp: 521957
Ion Ratio Lower Upper
105 100
120 44.6 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 49.622 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035377.D
 Acq: 28 Apr 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

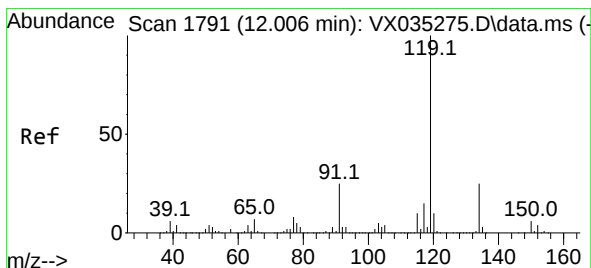
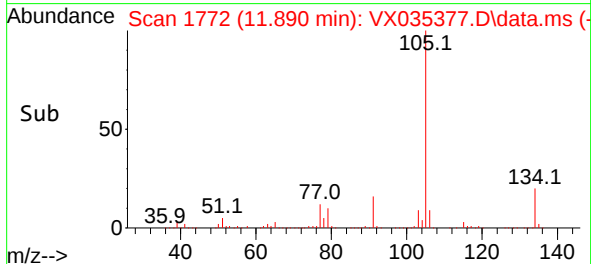
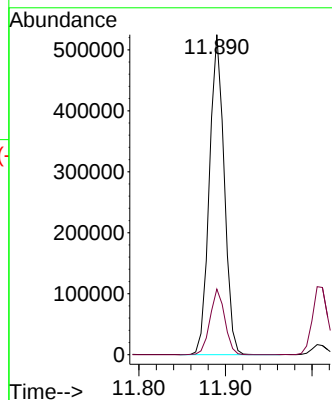
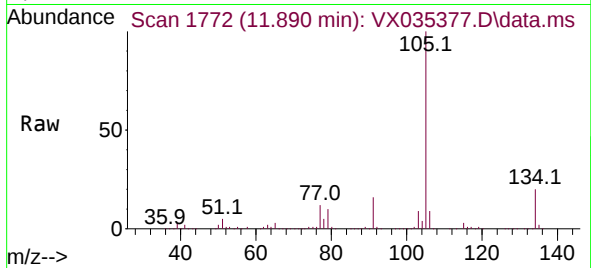
VSTDCCC050EC

Tgt Ion:105 Resp: 623020
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4

Manual Integrations

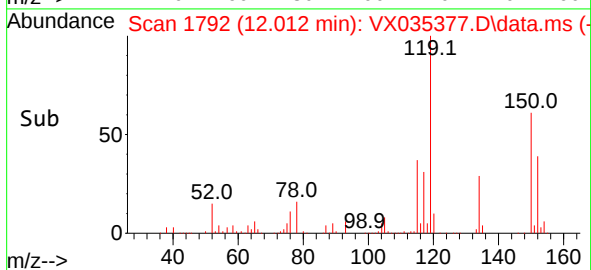
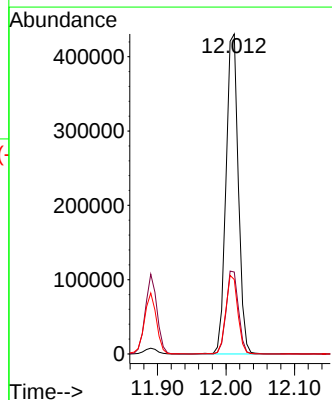
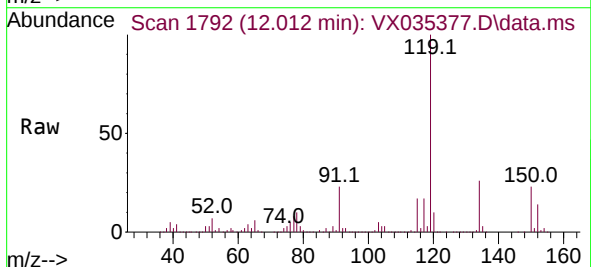
APPROVED

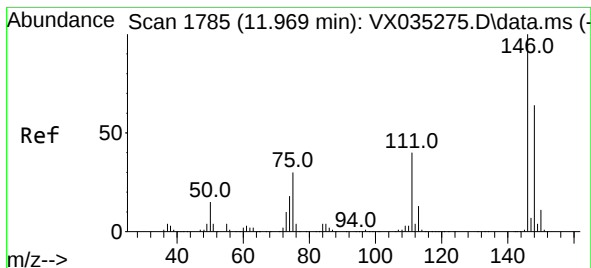
Reviewed By :John Carlone 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023



#86
 p-Isopropyltoluene
 Concen: 49.982 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX035377.D
 Acq: 28 Apr 2023 09:36

Tgt Ion:119 Resp: 533730
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.2 39.5
 91 24.1 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 49.653 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035377.D

Acq: 28 Apr 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 283780

Ion Ratio Lower Upper

146 100

111 41.1 20.9 62.8

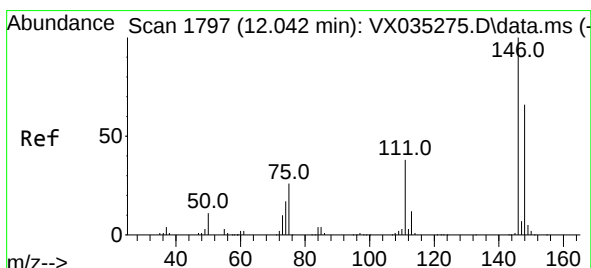
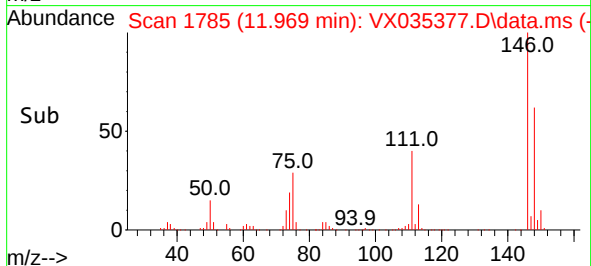
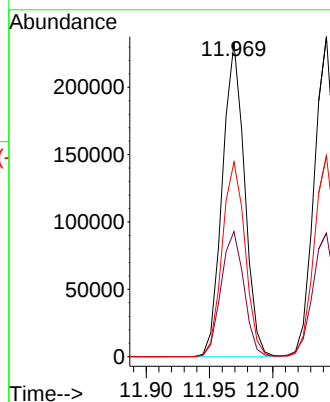
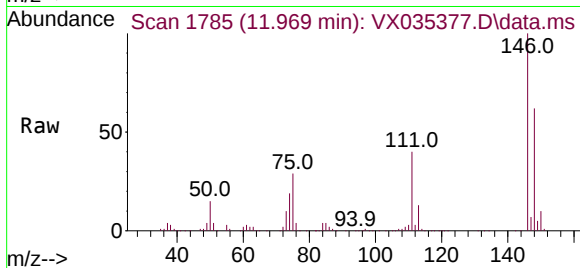
148 63.9 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#88

1,4-Dichlorobenzene

Concen: 47.498 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX035377.D

Acq: 28 Apr 2023 09:36

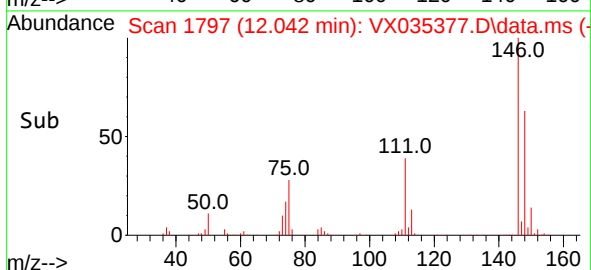
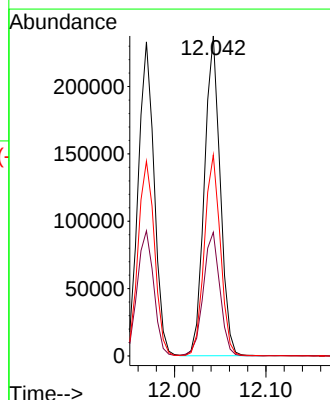
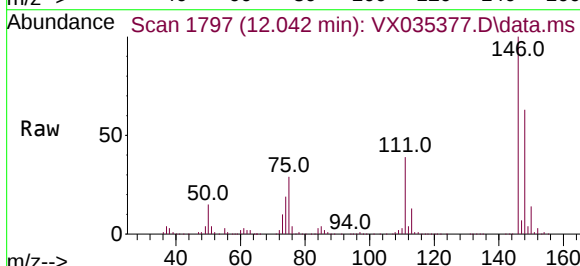
Tgt Ion:146 Resp: 284630

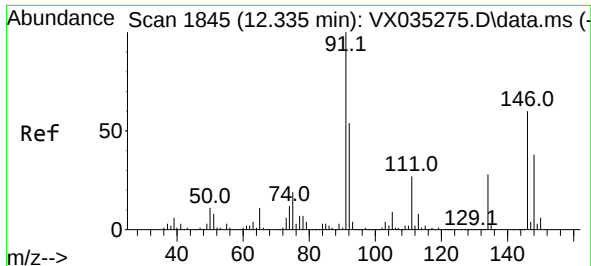
Ion Ratio Lower Upper

146 100

111 40.5 20.6 61.9

148 63.7 31.8 95.4





#89

n-Butylbenzene

Concen: 47.732 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX035377.D

Acq: 28 Apr 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 430278

Ion Ratio Lower Upper

91 100

92 55.1 27.7 83.0

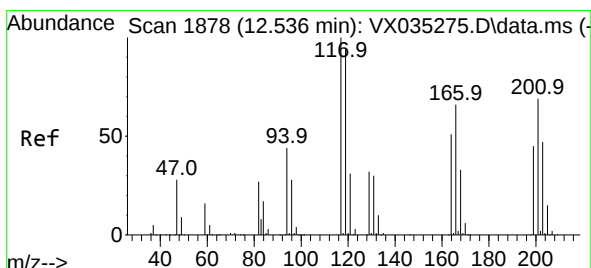
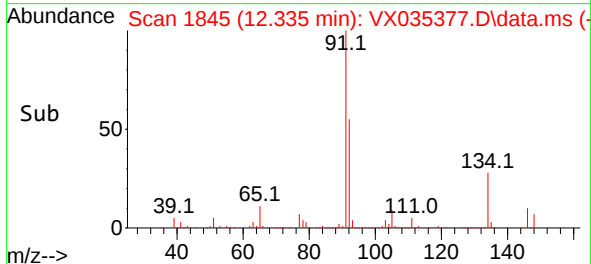
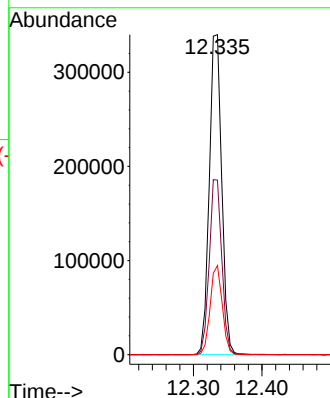
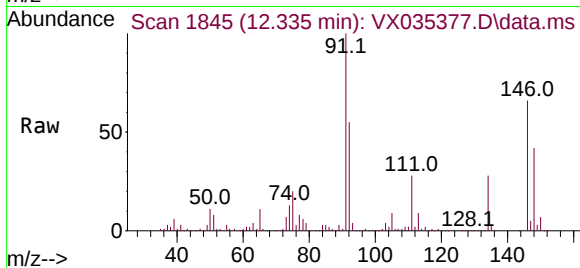
134 27.0 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#90

Hexachloroethane

Concen: 52.980 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035377.D

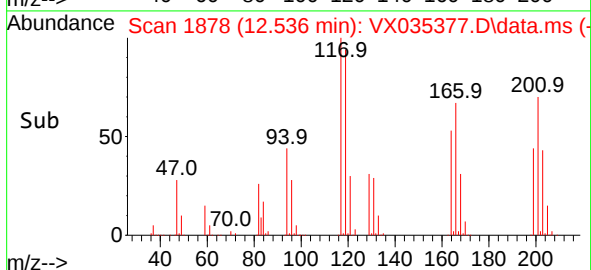
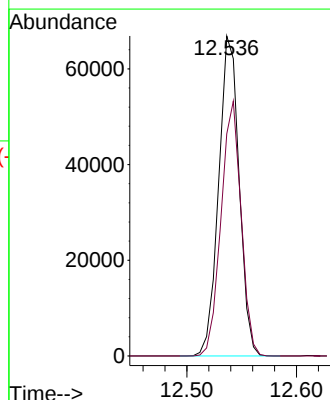
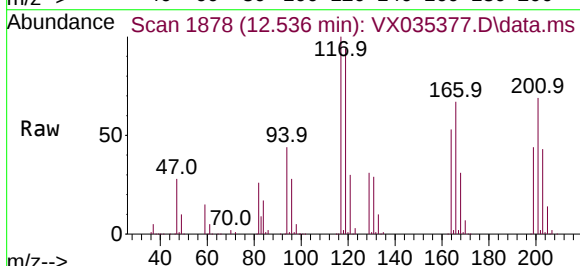
Acq: 28 Apr 2023 09:36

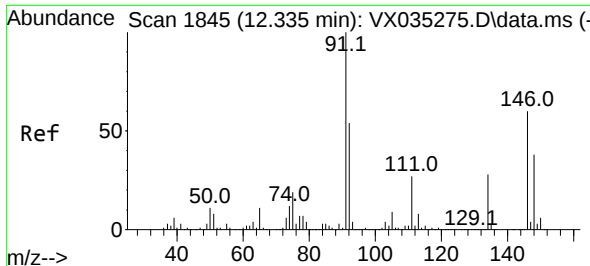
Tgt Ion:117 Resp: 86602

Ion Ratio Lower Upper

117 100

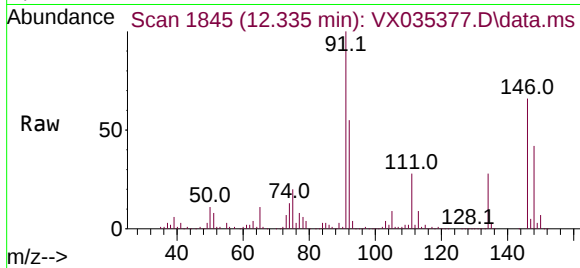
201 78.1 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 49.444 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36

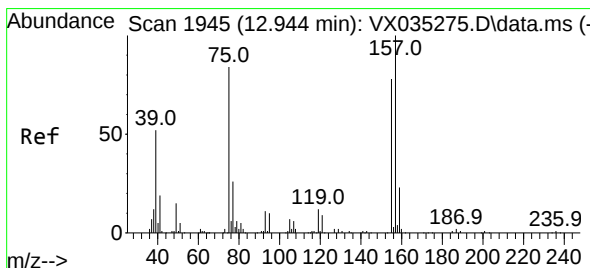
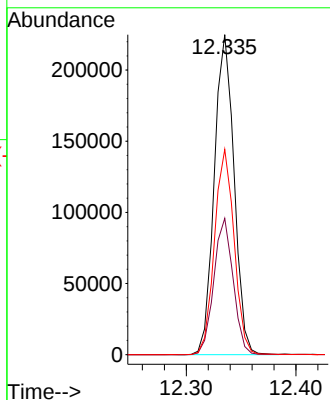
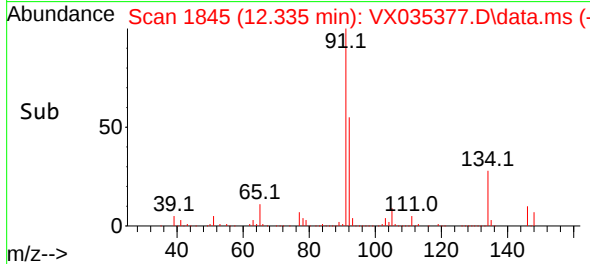
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



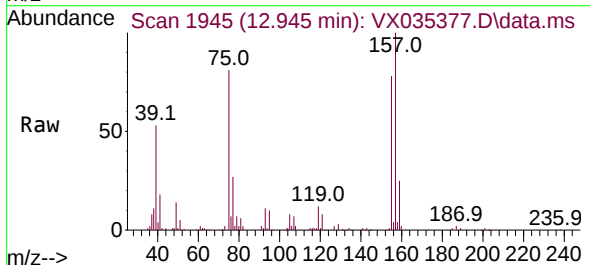
Tgt Ion:146 Resp: 282630
Ion Ratio Lower Upper
146 100
111 41.6 22.0 66.0
148 63.8 32.0 96.0

Manual Integrations
APPROVED

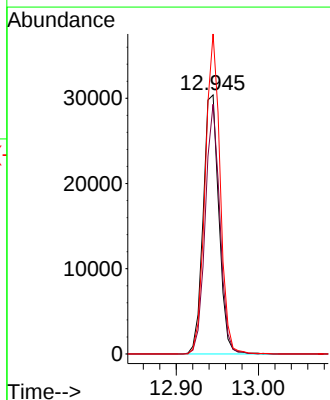
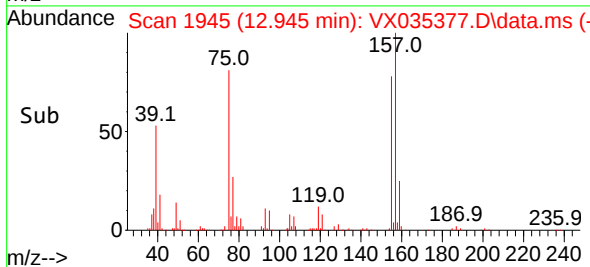
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

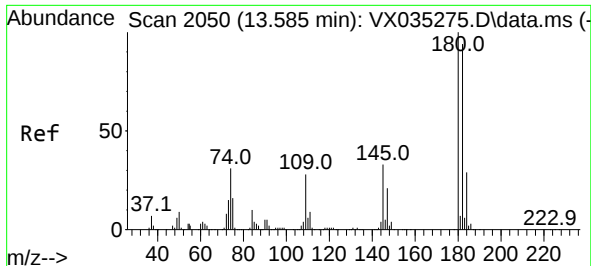


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.610 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX035377.D
Acq: 28 Apr 2023 09:36



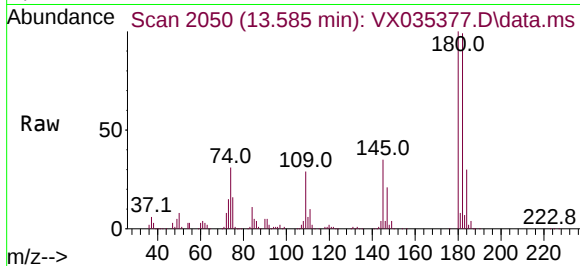
Tgt Ion: 75 Resp: 40368
Ion Ratio Lower Upper
75 100
155 89.5 38.4 115.1
157 117.1 49.9 149.7





#93
 1,2,4-Trichlorobenzene
 Concen: 49.752 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX035377.D
 Acq: 28 Apr 2023 09:36

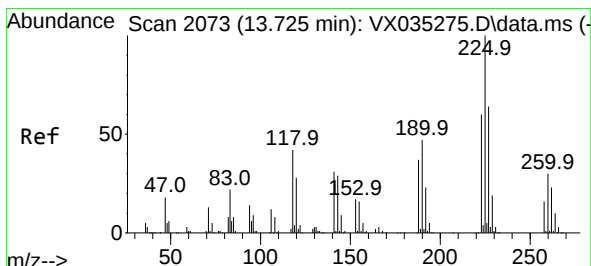
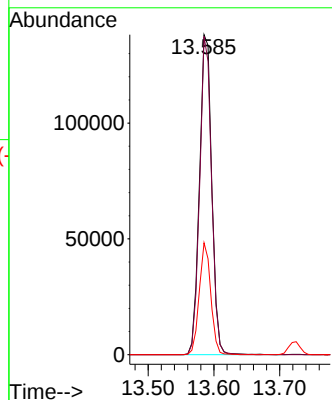
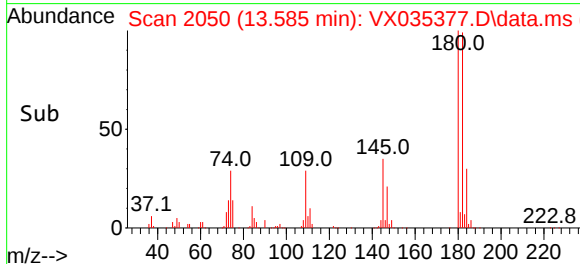
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



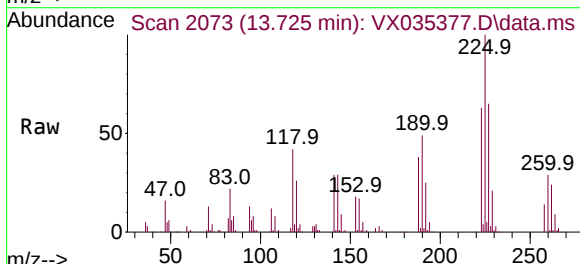
Tgt Ion:180 Resp: 178764
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.0 141.0
 145 32.8 15.9 47.7

Manual Integrations
 APPROVED

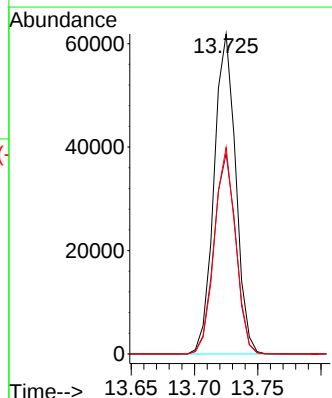
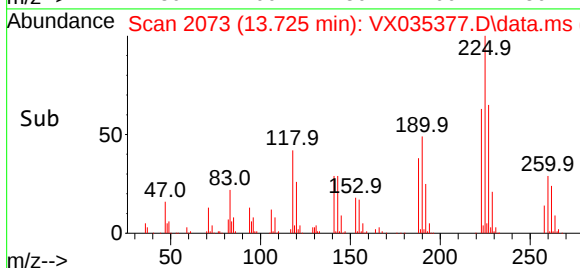
Reviewed By :John Carlone 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

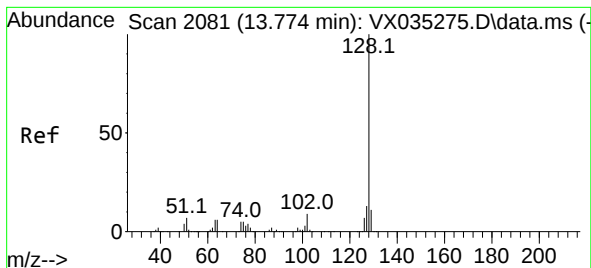


#94
 Hexachlorobutadiene
 Concen: 46.653 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX035377.D
 Acq: 28 Apr 2023 09:36



Tgt Ion:225 Resp: 73570
 Ion Ratio Lower Upper
 225 100
 223 63.1 32.1 96.5
 227 63.0 31.8 95.4





#95

Naphthalene

Concen: 52.836 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX035377.D

Acq: 28 Apr 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

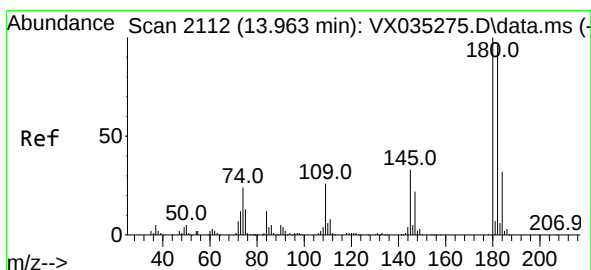
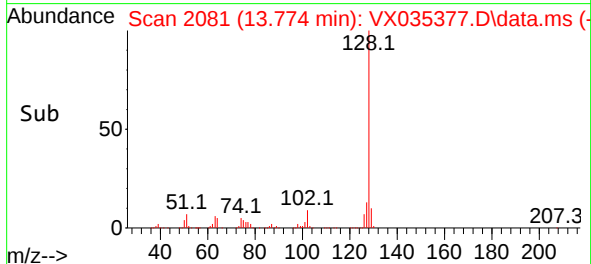
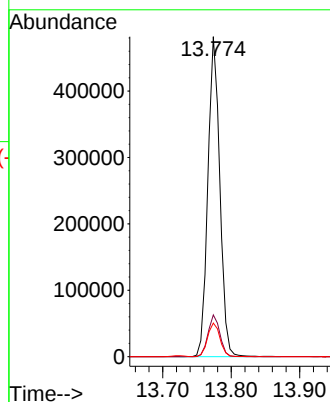
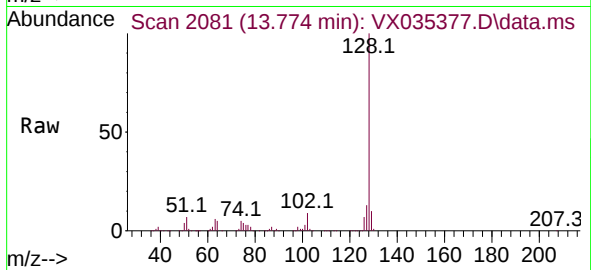
Tgt	Ion:128	Resp:	58444
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.0	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#96

1,2,3-Trichlorobenzene

Concen: 49.005 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX035377.D

Acq: 28 Apr 2023 09:36

Tgt Ion:180	Resp: 177255
Ion Ratio	Lower Upper
180 100	
182 94.7	48.0 144.2
145 34.7	17.7 53.1

