

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038116.D
 Acq On : 06 Oct 2023 09:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/09/2023
 Supervised By : Mahesh Dadoda 10/09/2023

Quant Time: Oct 07 04:14:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	144143	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	244860	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	110878	47.824	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.640%		
35) Dibromofluoromethane	5.385	113	83400	47.269	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.540%		
50) Toluene-d8	8.647	98	325920	48.341	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.680%		
62) 4-Bromofluorobenzene	11.079	95	130092	50.897	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	72445	52.068	ug/l	97
3) Chloromethane	1.301	50	68199	48.092	ug/l	98
4) Vinyl Chloride	1.374	62	79333	50.457	ug/l	100
5) Bromomethane	1.599	94	119986	58.246	ug/l	99
6) Chloroethane	1.679	64	62272	53.773	ug/l	96
7) Trichlorofluoromethane	1.886	101	156357	50.347	ug/l	99
8) Diethyl Ether	2.130	74	57605	49.735	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.325	101	68581	50.585	ug/l	98
10) Methyl Iodide	2.447	142	96678	49.560	ug/l	95
11) Tert butyl alcohol	2.959	59	116602	226.804	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	65683	49.805	ug/l	87
13) Acrolein	2.233	56	83717	254.002	ug/l	100
14) Allyl chloride	2.660	41	118310	50.155	ug/l	95
15) Acrylonitrile	3.062	53	260459	246.862	ug/l	98
16) Acetone	2.380	43	222829	230.290	ug/l	91
17) Carbon Disulfide	2.508	76	177893	46.802	ug/l	100
18) Methyl Acetate	2.703	43	207869	50.096	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	262789	50.033	ug/l	100
20) Methylene Chloride	2.788	84	84134	46.226	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	80928	49.562	ug/l	91
22) Diisopropyl ether	3.757	45	255278	51.636	ug/l	91
23) Vinyl Acetate	3.721	43	958984	264.509	ug/l	97
24) 1,1-Dichloroethane	3.605	63	149339	49.775	ug/l	99
25) 2-Butanone	4.550	43	387967	248.505	ug/l	93
26) 2,2-Dichloropropane	4.471	77	123374	52.668	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	97388	50.079	ug/l	93
28) Bromochloromethane	4.891	49	71540	52.820	ug/l	89
29) Tetrahydrofuran	5.001	42	253554	249.453	ug/l	90
30) Chloroform	5.086	83	169621	51.699	ug/l	100
31) Cyclohexane	5.464	56	131136	52.206	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	145985	51.948	ug/l	100
36) 1,1-Dichloropropene	5.690	75	122128	50.196	ug/l	98
37) Ethyl Acetate	4.708	43	149309	51.672	ug/l	98
38) Carbon Tetrachloride	5.672	117	125288	52.346	ug/l	99
39) Methylcyclohexane	7.379	83	152716	53.587	ug/l	93
40) Benzene	6.037	78	352729	51.833	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	76680	53.344	ug/l	92
42) 1,2-Dichloroethane	6.086	62	140125	51.538	ug/l	99
43) Isopropyl Acetate	6.336	43	225659	52.313	ug/l	97
44) Trichloroethene	7.123	130	93906	52.760	ug/l	99
45) 1,2-Dichloropropane	7.427	63	92329	52.422	ug/l	98
46) Dibromomethane	7.580	93	69897	51.168	ug/l	98
47) Bromodichloromethane	7.818	83	132361	54.467	ug/l	97
48) Methyl methacrylate	7.690	41	109260	53.058	ug/l	87
49) 1,4-Dioxane	7.653	88	52173	1028.146	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	786387	264.299	ug/l	97
52) Toluene	8.720	92	234561	52.914	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	146567	56.189	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	150107	54.772	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	99057	52.243	ug/l	93
56) Ethyl methacrylate	9.116	69	156931	53.982	ug/l	93
57) 1,3-Dichloropropane	9.305	76	163914	53.451	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	369307	258.805	ug/l	99
59) 2-Hexanone	9.427	43	644410	269.405	ug/l	96
60) Dibromochloromethane	9.519	129	103518	55.784	ug/l	100
61) 1,2-Dibromoethane	9.610	107	109336	53.324	ug/l	100
64) Tetrachloroethene	9.275	164	80160	50.947	ug/l	99
65) Chlorobenzene	10.079	112	255630	50.264	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	90922	52.869	ug/l	97
67) Ethyl Benzene	10.195	91	473388	52.146	ug/l	99
68) m/p-Xylenes	10.299	106	367761	104.770	ug/l	99
69) o-Xylene	10.640	106	177657	51.857	ug/l	100
70) Styrene	10.653	104	302510	54.221	ug/l	98
71) Bromoform	10.799	173	78172	49.056	ug/l #	100
73) Isopropylbenzene	10.963	105	475269	50.824	ug/l	100
74) N-amyl acetate	10.841	43	213017	53.343	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	177674	51.779	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	143178m	45.167	ug/l	
77) Bromobenzene	11.195	156	115682	50.670	ug/l	94
78) n-propylbenzene	11.305	91	590669	51.658	ug/l	99
79) 2-Chlorotoluene	11.366	91	338272	49.885	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	421227	52.212	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	51974	48.046	ug/l	93
82) 4-Chlorotoluene	11.451	91	410827	51.198	ug/l	99
83) tert-Butylbenzene	11.713	119	405674	51.461	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	422746	52.555	ug/l	100
85) sec-Butylbenzene	11.890	105	539031	52.785	ug/l	99
86) p-Isopropyltoluene	12.006	119	450088	53.422	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	234481	51.134	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	239130	51.079	ug/l	99
89) n-Butylbenzene	12.335	91	448930	53.503	ug/l	97
90) Hexachloroethane	12.536	117	76152	54.514	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	230442	52.280	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	44477	53.610	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	154051	52.108	ug/l	97
94) Hexachlorobutadiene	13.725	225	62755	52.740	ug/l	98
95) Naphthalene	13.774	128	525697	51.061	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	148348	51.824	ug/l	98

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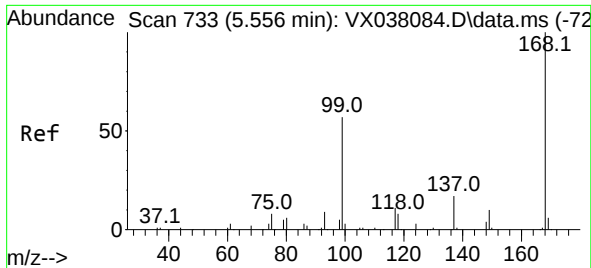
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

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



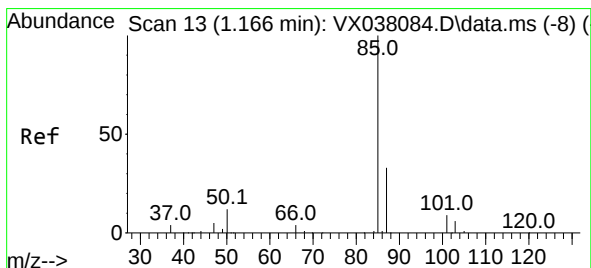
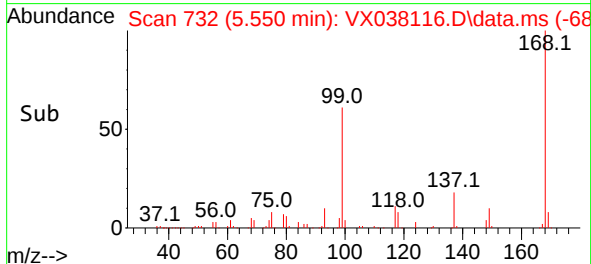
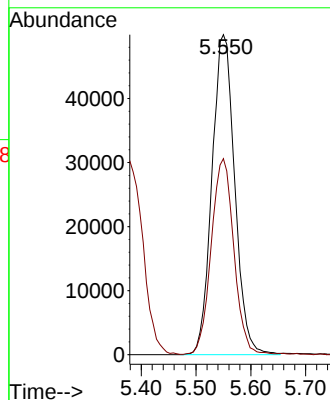
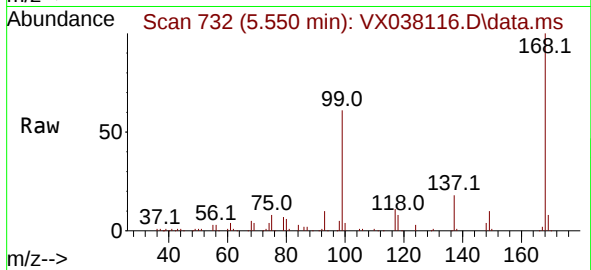
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038116.D
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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 14414
Ion Ratio Lower Upper
168 100
99 61.1 56.6 85.0

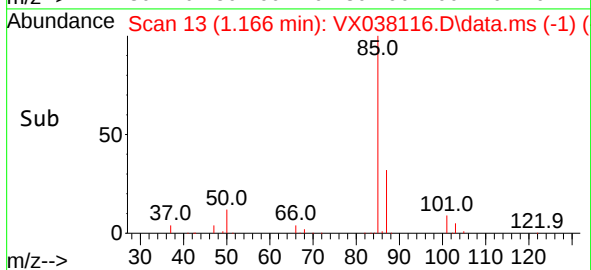
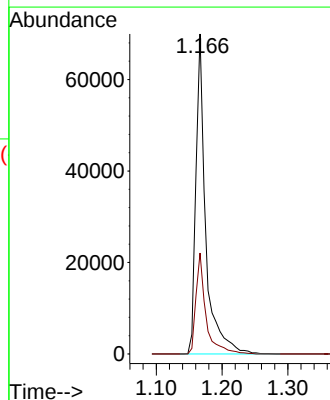
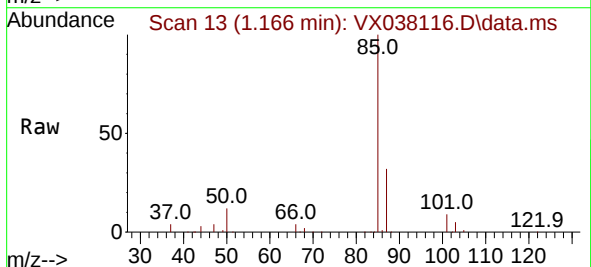
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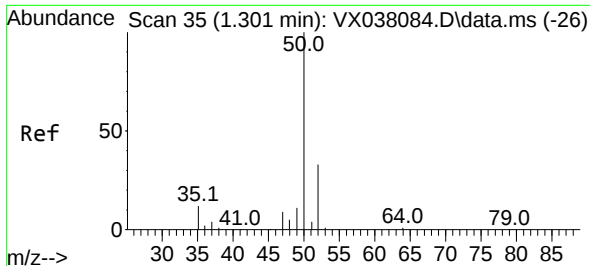
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#2
Dichlorodifluoromethane
Concen: 52.068 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

Tgt Ion: 85 Resp: 72445
Ion Ratio Lower Upper
85 100
87 31.5 16.7 50.1





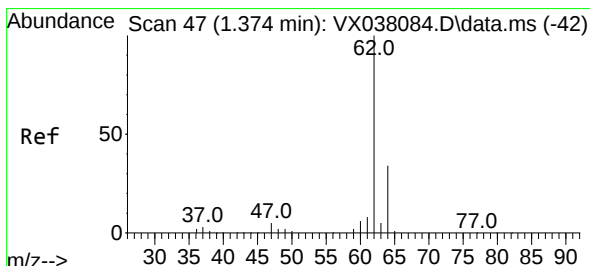
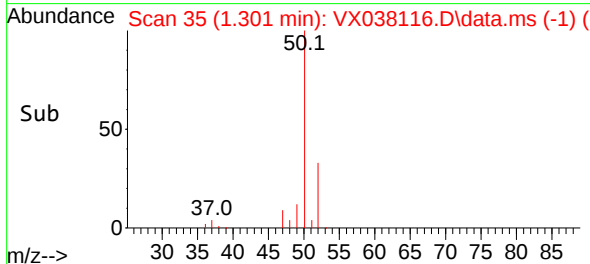
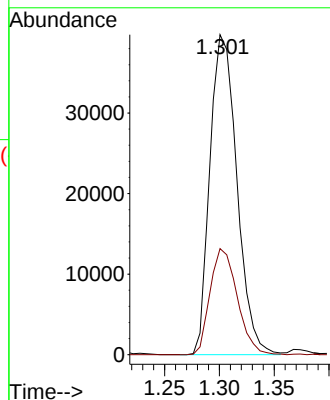
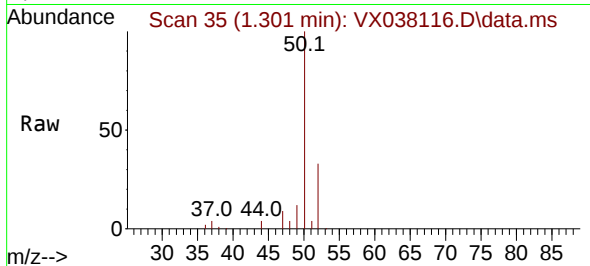
#3
Chloromethane
Concen: 48.092 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

Instrument :
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ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 68199
Ion Ratio Lower Upper
50 100
52 33.2 25.5 38.3

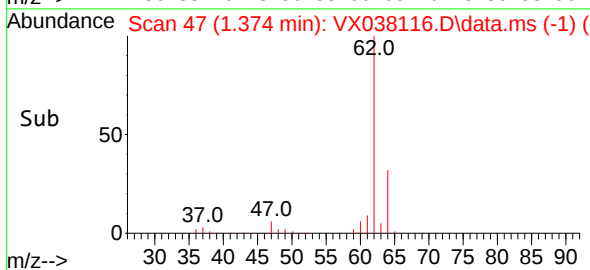
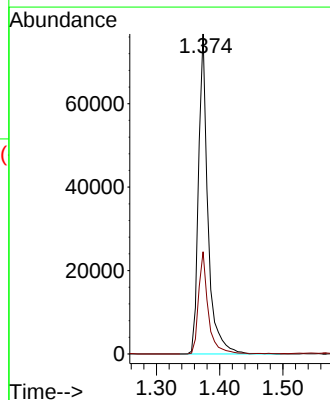
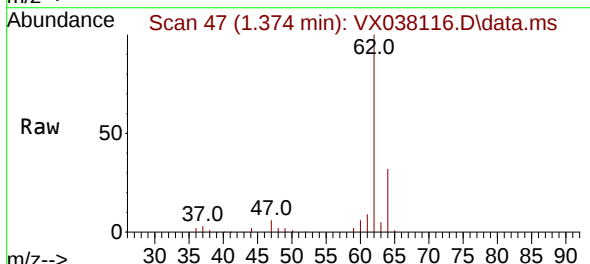
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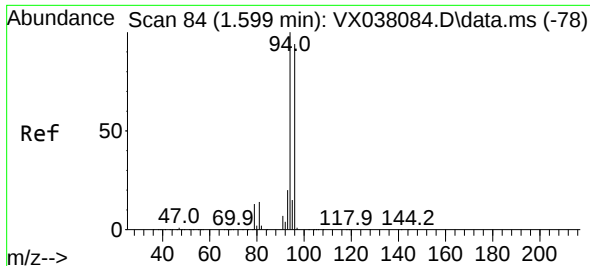
Reviewed By :John Carlone 10/09/2023
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#4
Vinyl Chloride
Concen: 50.457 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

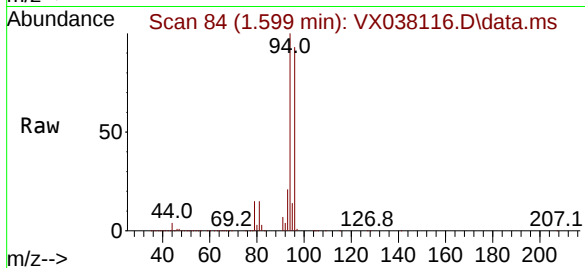
Tgt Ion: 62 Resp: 79333
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.0





#5
Bromomethane
Concen: 58.246 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

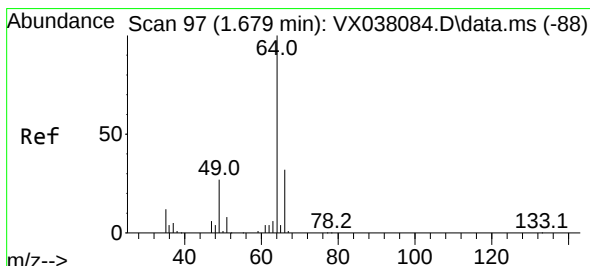
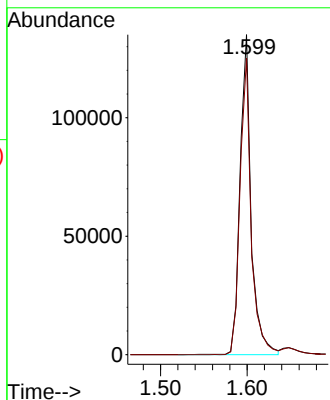
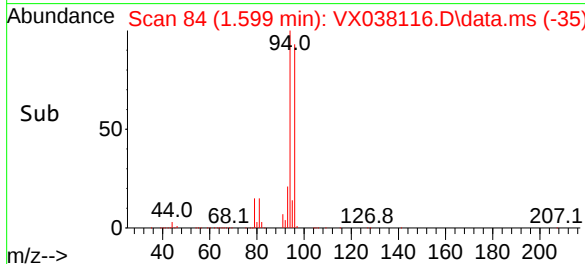
Instrument :
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Tgt Ion: 94 Resp: 119980
Ion Ratio Lower Upper
94 100
96 92.7 74.6 111.8

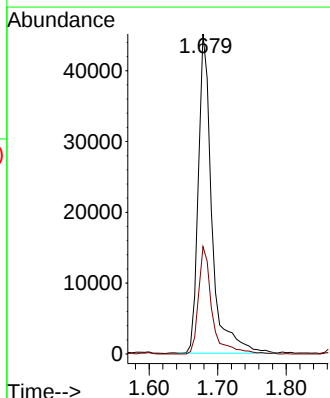
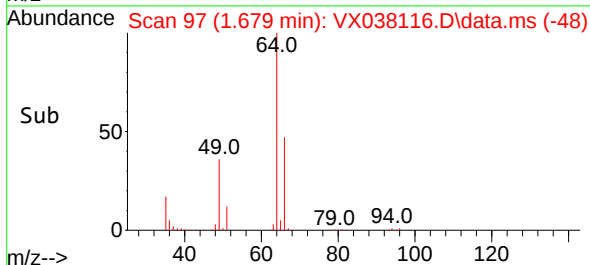
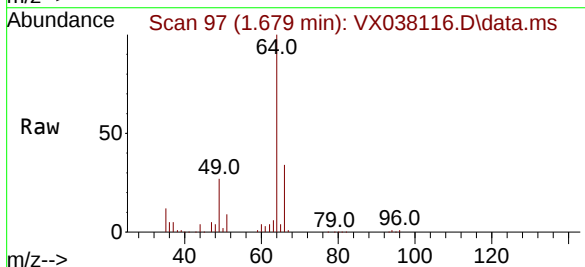
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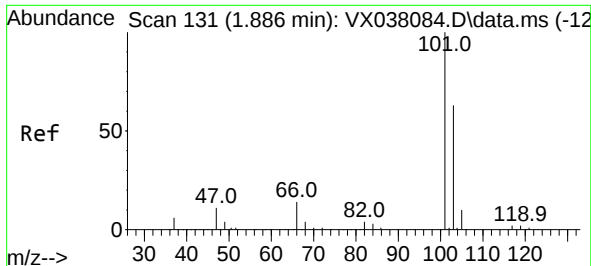
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#6
Chloroethane
Concen: 53.773 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX038116.D
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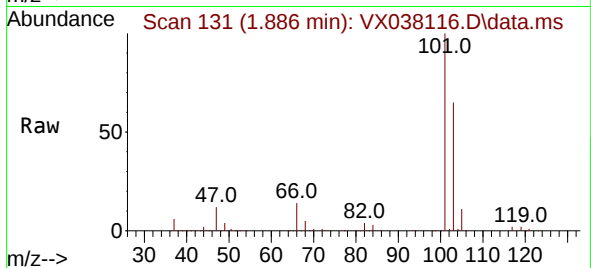
Tgt Ion: 64 Resp: 62272
Ion Ratio Lower Upper
64 100
66 33.6 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 50.347 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX038116.D
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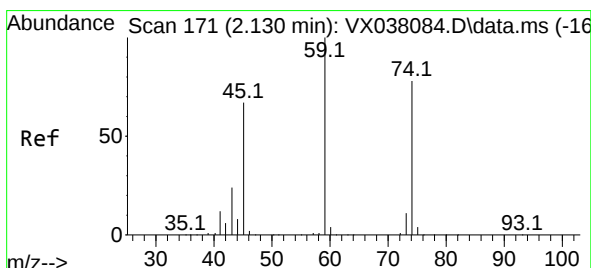
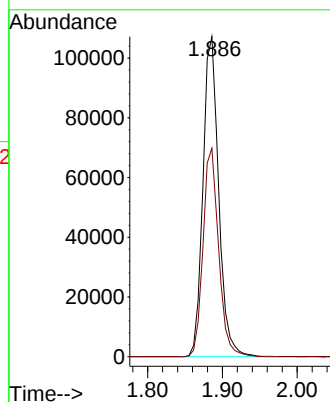
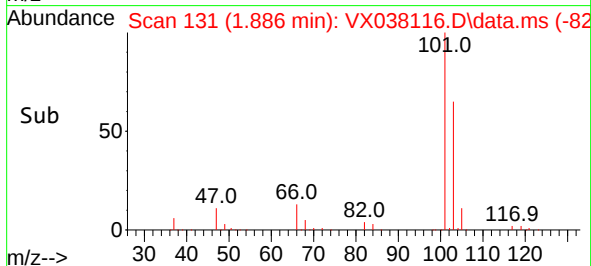
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 15635
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.4 77.2

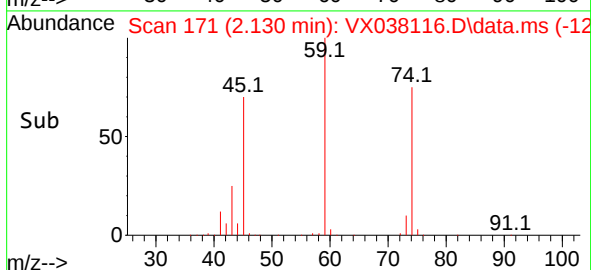
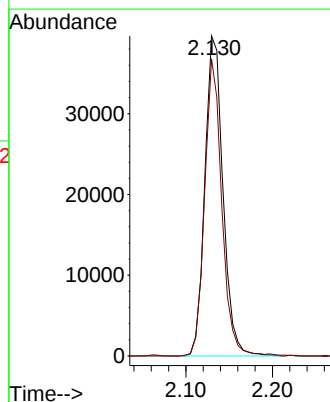
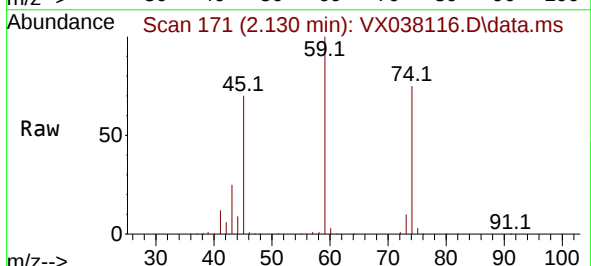
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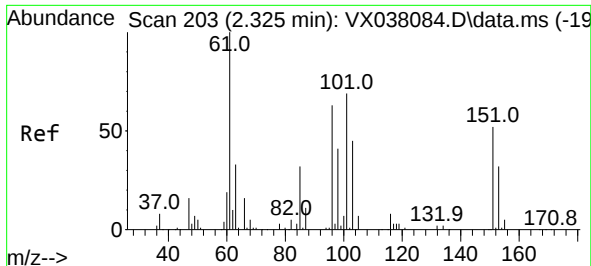
Reviewed By :John Carlone 10/09/2023
 Supervised By :Mahesh Dadoda 10/09/2023



#8
 Diethyl Ether
 Concen: 49.735 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX038116.D
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Tgt Ion: 74 Resp: 57605
 Ion Ratio Lower Upper
 74 100
 45 87.9 53.3 159.8





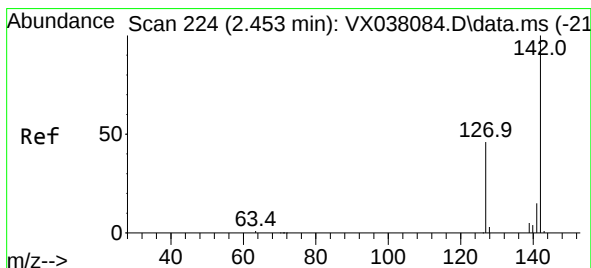
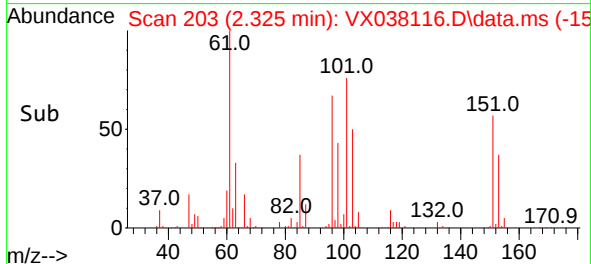
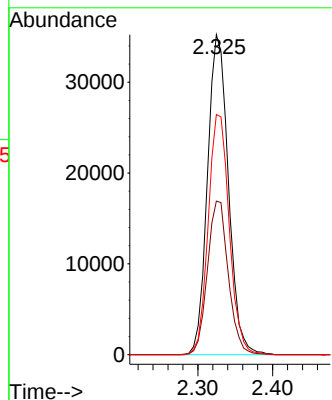
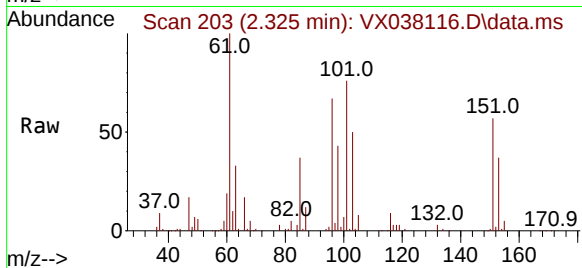
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.585 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 6858
Ion Ratio Lower Upper
101 100
85 47.9 37.0 55.6
151 75.3 58.6 87.8

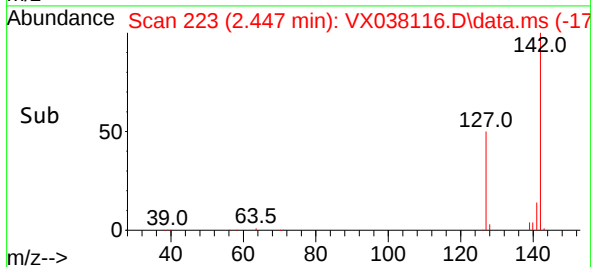
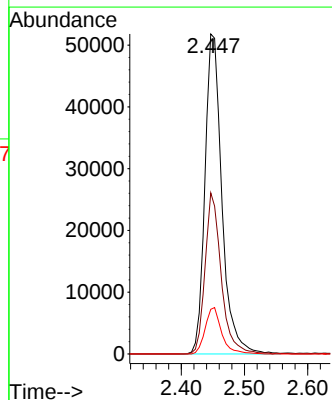
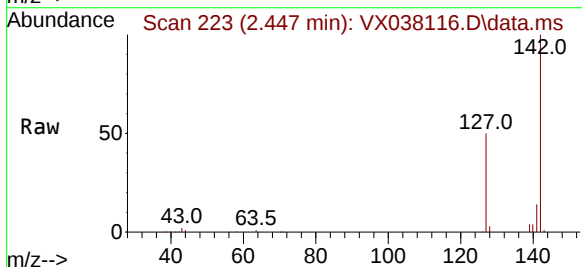
Manual Integrations
APPROVED

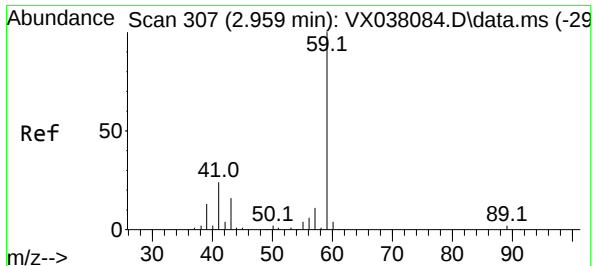
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#10
Methyl Iodide
Concen: 49.560 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

Tgt Ion:142 Resp: 96678
Ion Ratio Lower Upper
142 100
127 48.0 41.6 62.4
141 14.1 11.6 17.4





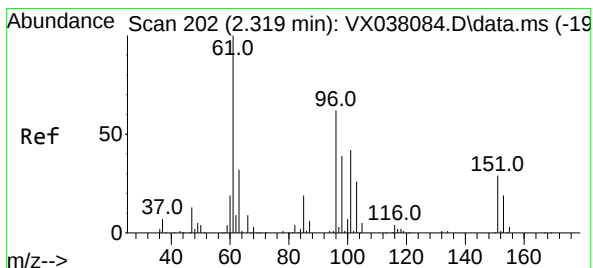
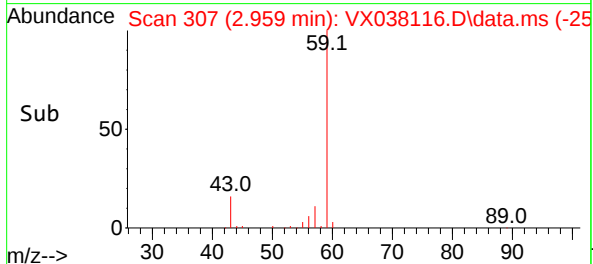
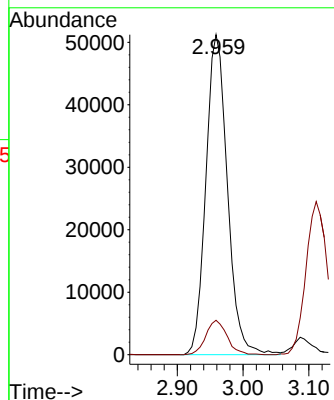
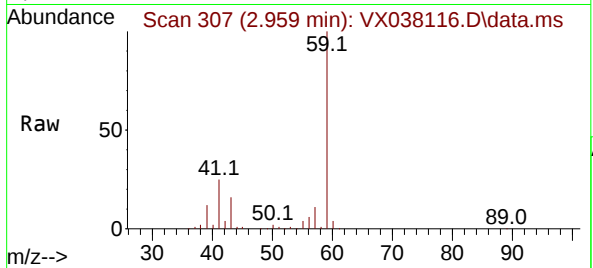
#11
Tert butyl alcohol
Concen: 226.804 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 116602
Ion Ratio Lower Upper
59 100
57 10.6 6.0 9.0

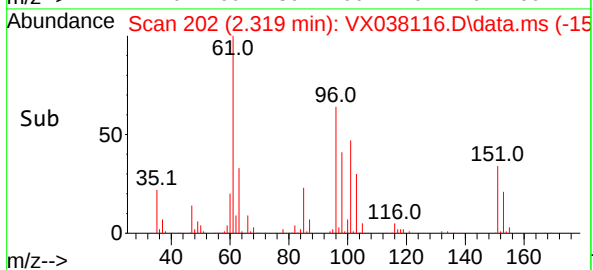
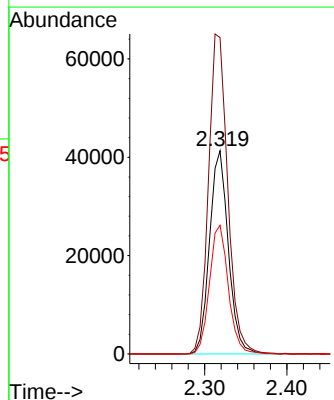
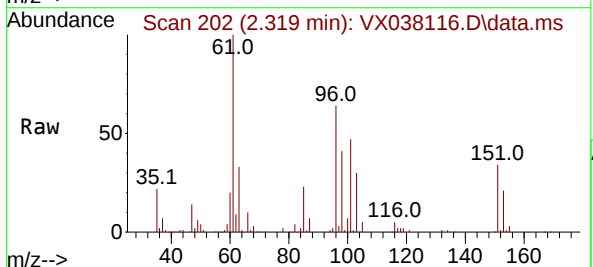
Manual Integrations
APPROVED

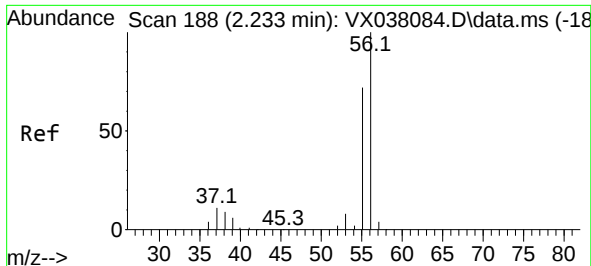
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#12
1,1-Dichloroethene
Concen: 49.805 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

Tgt Ion: 96 Resp: 65683
Ion Ratio Lower Upper
96 100
61 155.6 144.6 216.8
98 63.3 50.4 75.6





#13

Acrolein

Concen: 254.002 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX038116.D

Acq: 06 Oct 2023 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 8371

Ion Ratio Lower Upper

56 100

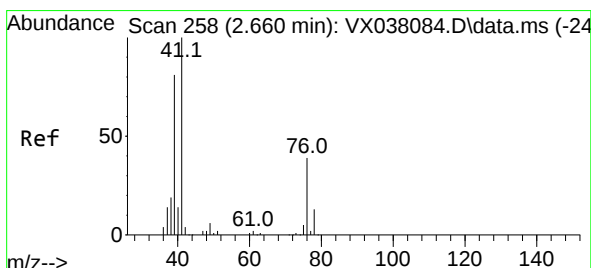
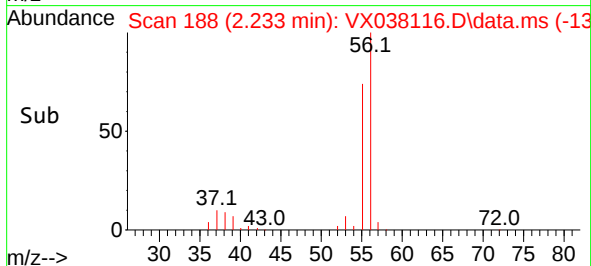
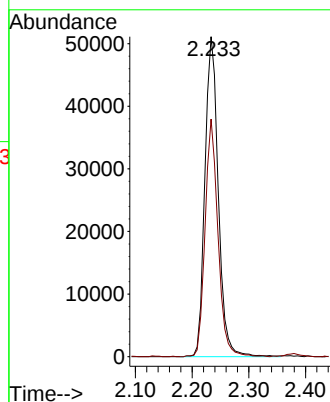
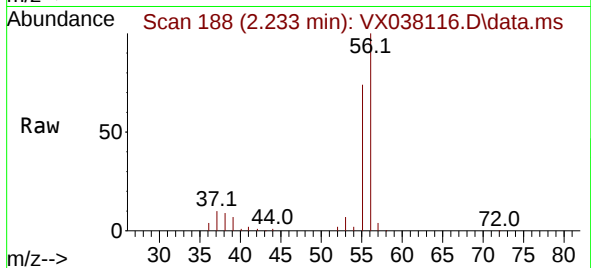
55 71.6 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#14

Allyl chloride

Concen: 50.155 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX038116.D

Acq: 06 Oct 2023 09:24

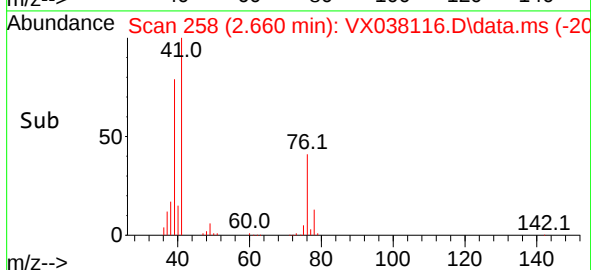
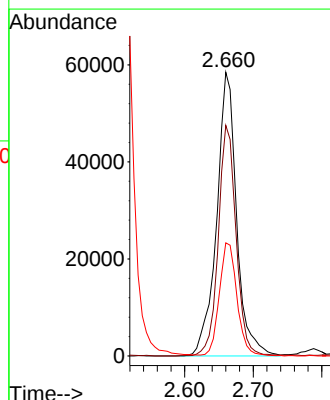
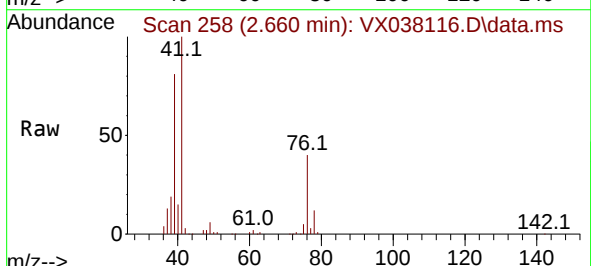
Tgt Ion: 41 Resp: 118310

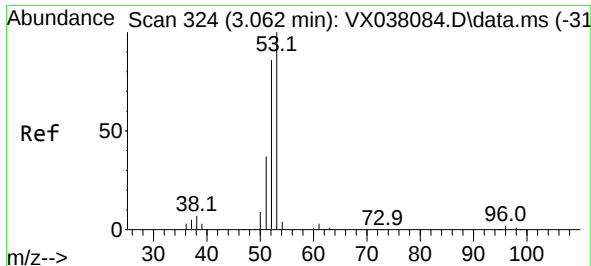
Ion Ratio Lower Upper

41 100

39 72.5 55.8 83.6

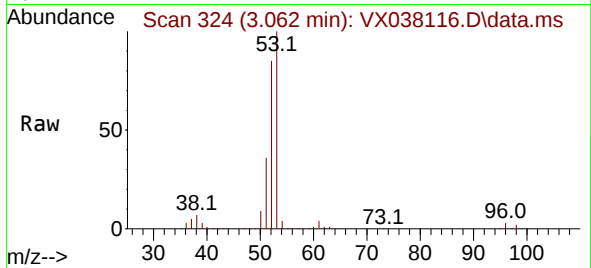
76 35.2 24.3 36.5





#15
Acrylonitrile
Concen: 246.862 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

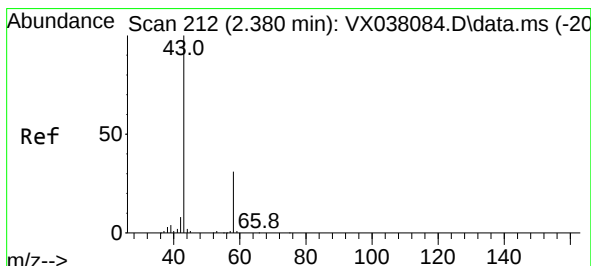
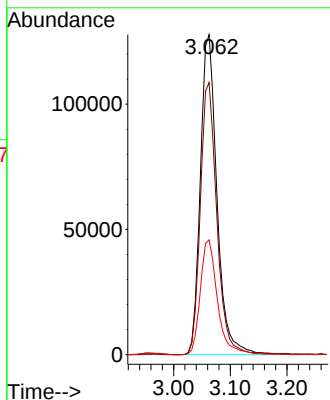
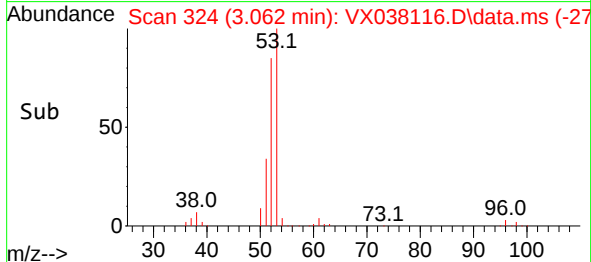
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 260459
Ion Ratio Lower Upper
53 100
52 84.7 66.0 99.0
51 37.2 29.8 44.6

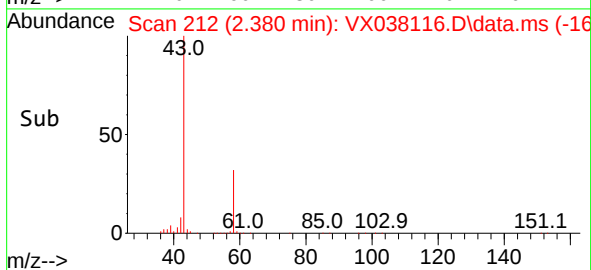
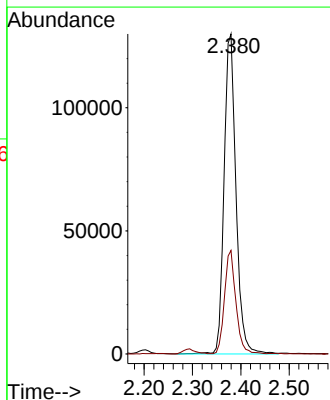
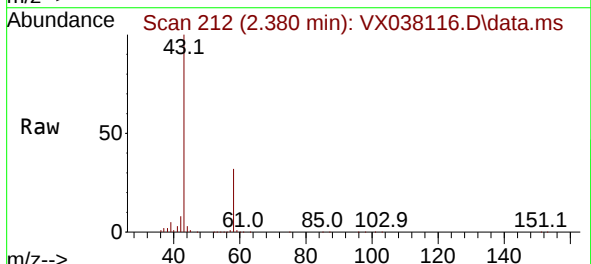
Manual Integrations
APPROVED

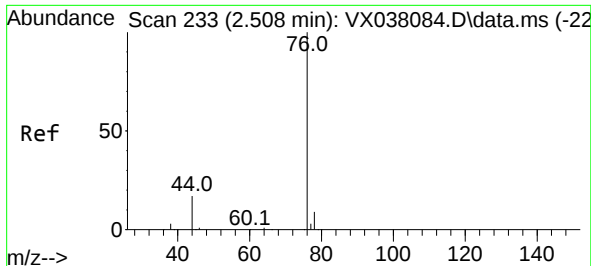
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#16
Acetone
Concen: 230.290 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

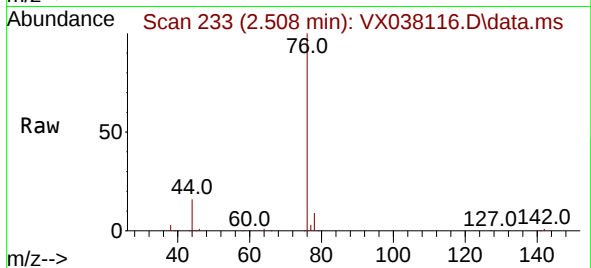
Tgt Ion: 43 Resp: 222829
Ion Ratio Lower Upper
43 100
58 32.3 21.9 32.9





#17
Carbon Disulfide
Concen: 46.802 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

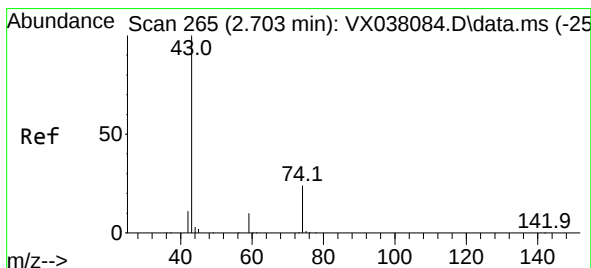
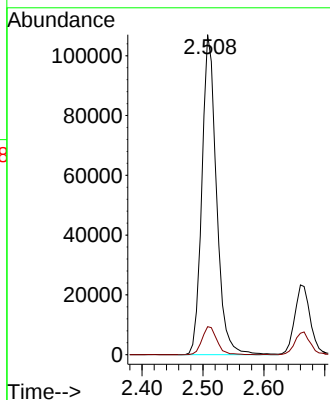
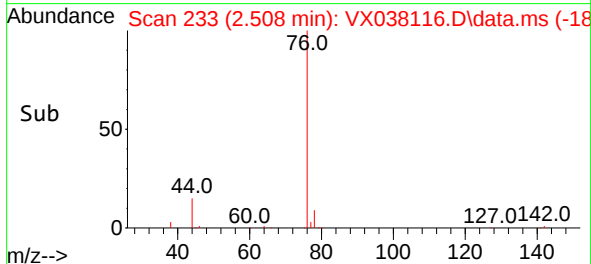
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



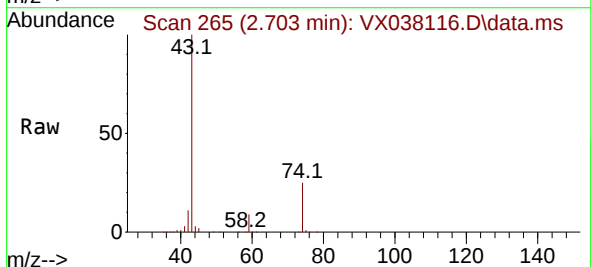
Tgt Ion: 76 Resp: 17789
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

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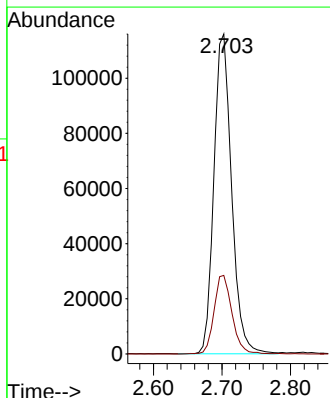
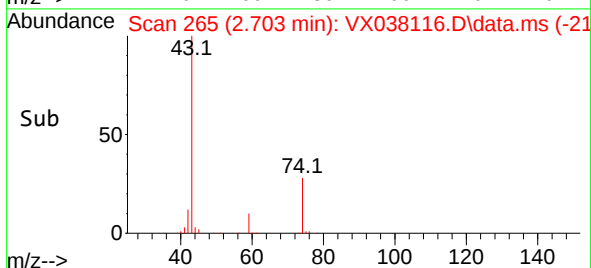
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

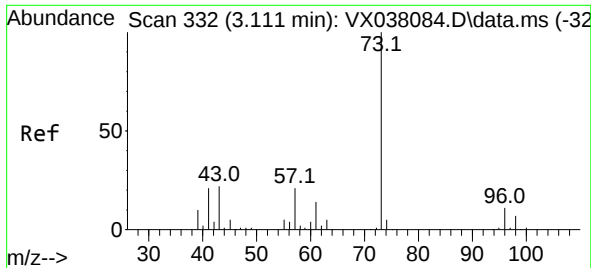


#18
Methyl Acetate
Concen: 50.096 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24



Tgt Ion: 43 Resp: 207869
Ion Ratio Lower Upper
43 100
74 24.9 17.8 26.8





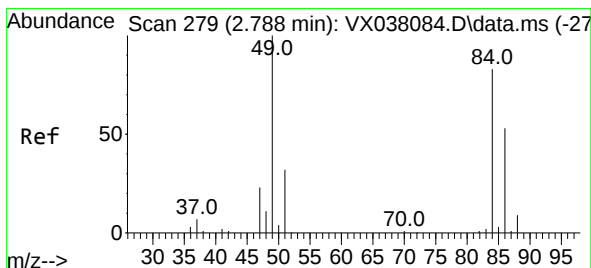
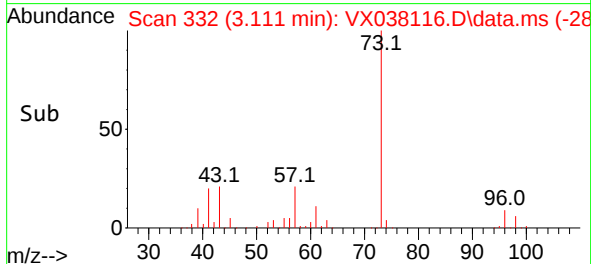
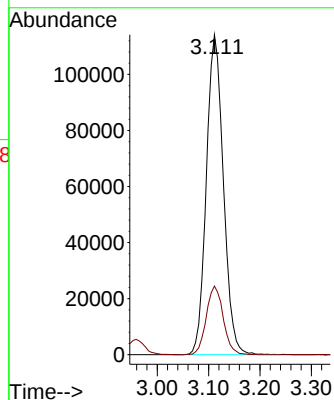
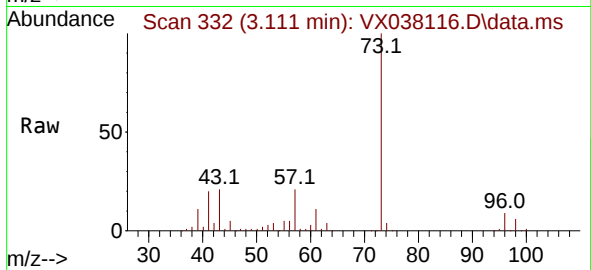
#19
Methyl tert-butyl Ether
Concen: 50.033 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 262789
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9

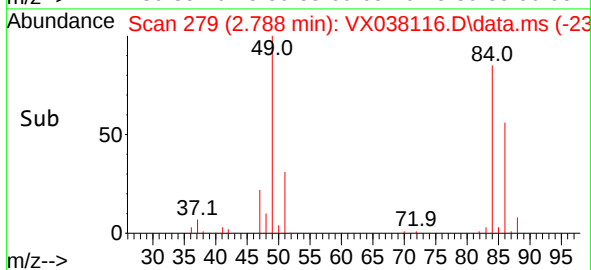
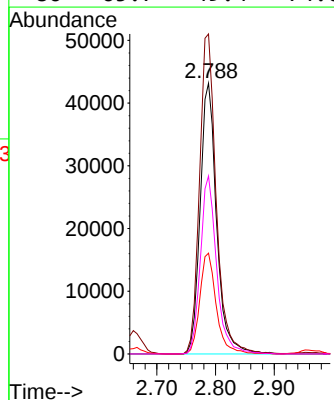
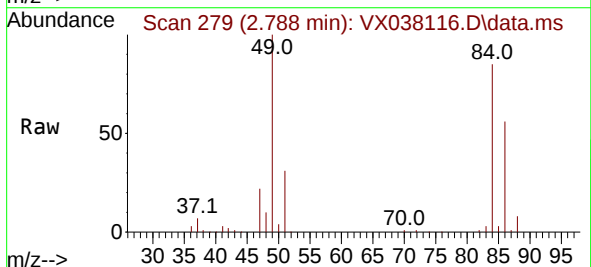
Manual Integrations
APPROVED

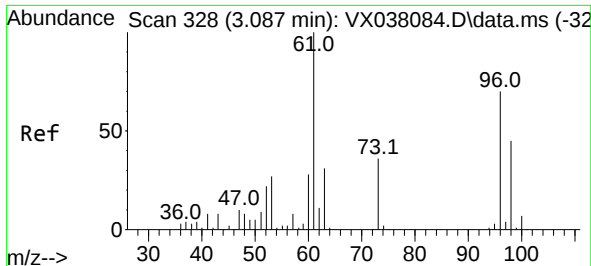
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#20
Methylene Chloride
Concen: 46.226 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

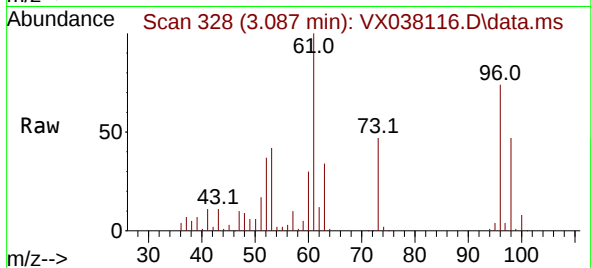
Tgt Ion: 84 Resp: 84134
Ion Ratio Lower Upper
84 100
49 118.2 103.6 155.4
51 37.2 33.8 50.6
86 65.7 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 49.562 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

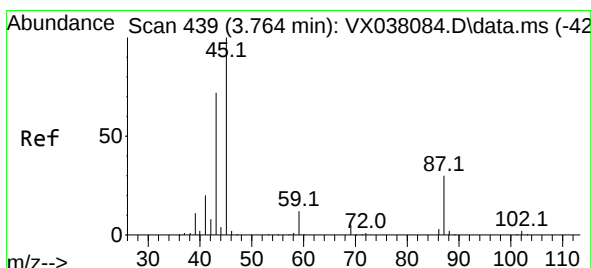
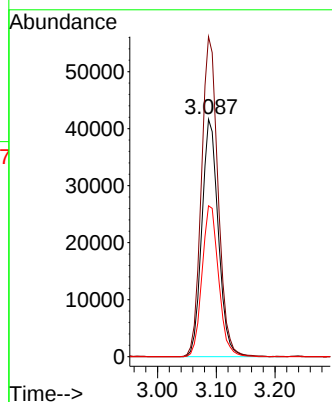
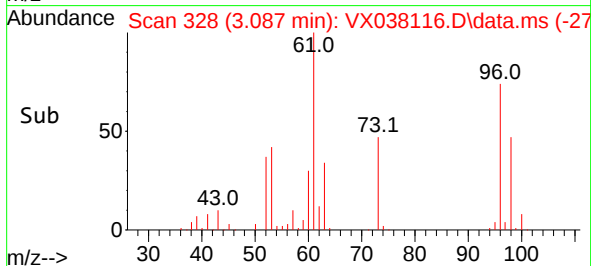
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



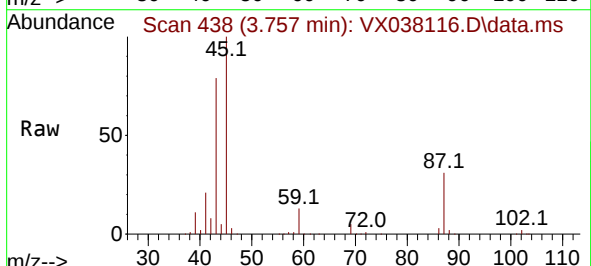
Tgt Ion: 96 Resp: 80928
Ion Ratio Lower Upper
96 100
61 134.8 119.2 178.8
98 63.6 48.7 73.1

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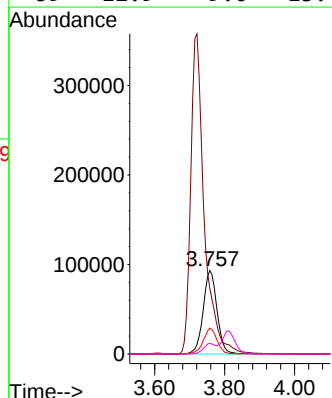
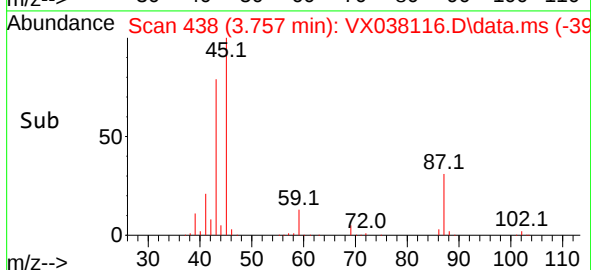
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

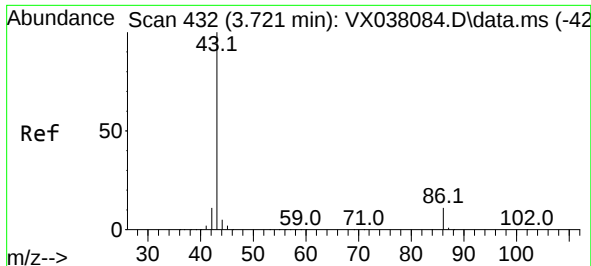


#22
Diisopropyl ether
Concen: 51.636 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.007 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24



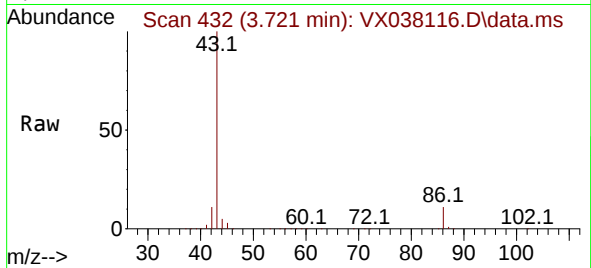
Tgt Ion: 45 Resp: 255278
Ion Ratio Lower Upper
45 100
43 78.6 69.7 104.5
87 30.8 20.8 31.2
59 12.9 9.0 13.4





#23
 Vinyl Acetate
 Concen: 264.509 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038116.D
 Acq: 06 Oct 2023 09:24

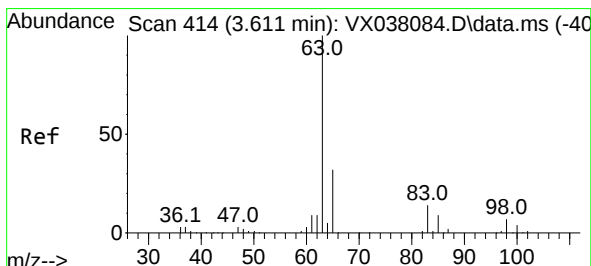
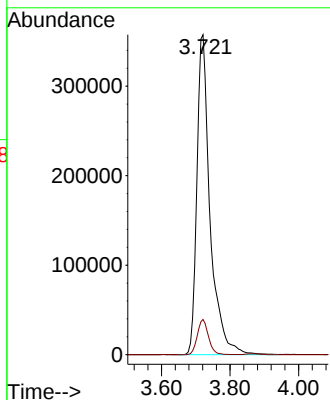
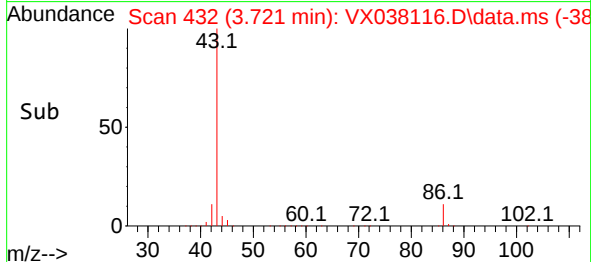
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



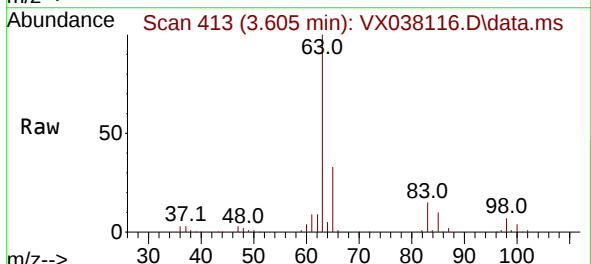
Tgt Ion: 43 Resp: 958984
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.8 11.8

Manual Integrations
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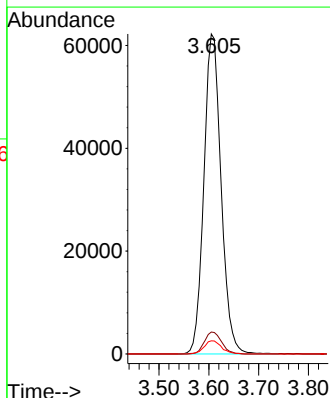
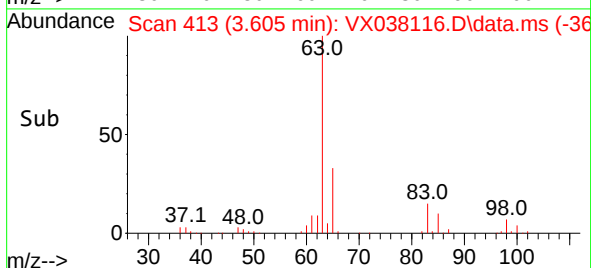
Reviewed By :John Carlone 10/09/2023
 Supervised By :Mahesh Dadoda 10/09/2023

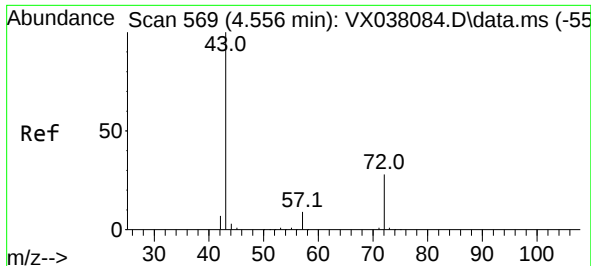


#24
 1,1-Dichloroethane
 Concen: 49.775 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038116.D
 Acq: 06 Oct 2023 09:24



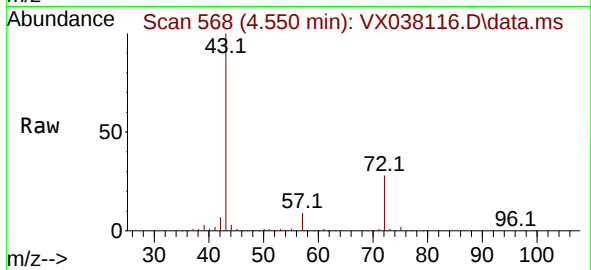
Tgt Ion: 63 Resp: 149339
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.8
 100 4.1 2.1 6.5





#25
2-Butanone
Concen: 248.505 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

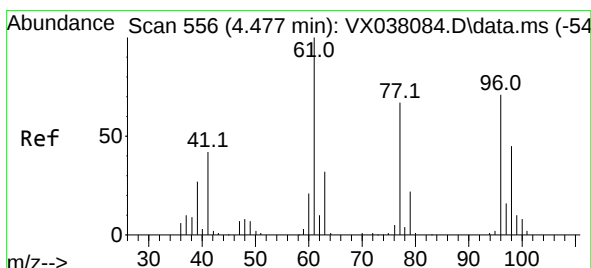
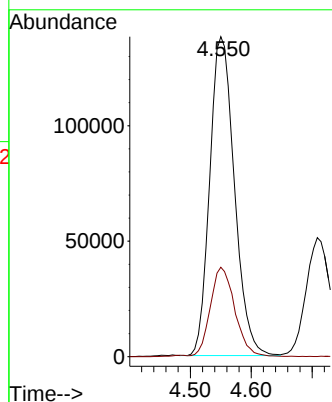
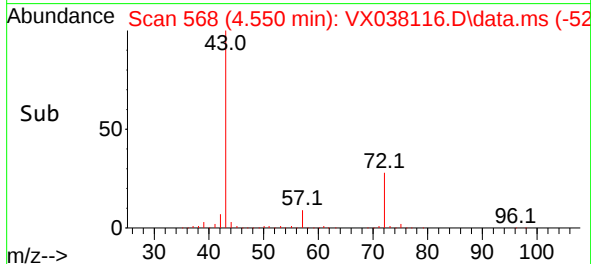
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 38796
Ion Ratio Lower Upper
43 100
72 27.9 19.4 29.2

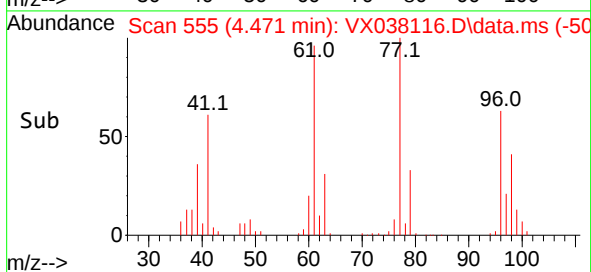
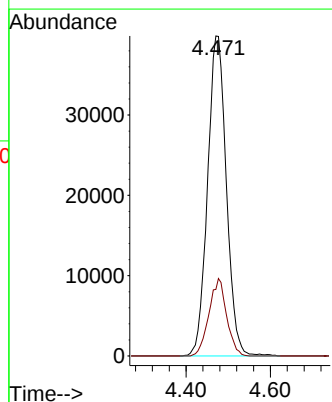
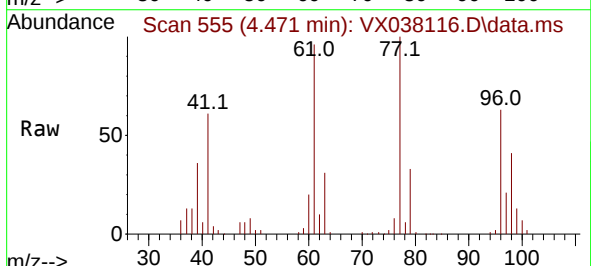
Manual Integrations
APPROVED

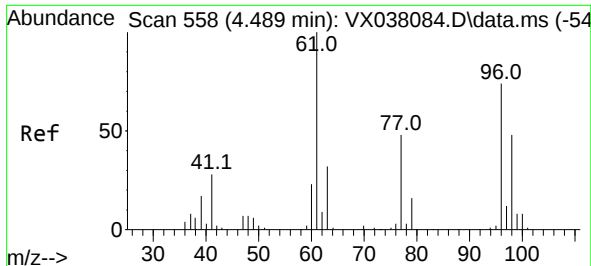
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#26
2,2-Dichloropropane
Concen: 52.668 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

Tgt Ion: 77 Resp: 123374
Ion Ratio Lower Upper
77 100
97 22.7 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 50.079 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX038116.D

Acq: 06 Oct 2023 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 9738

Ion Ratio Lower Upper

96 100

61 143.8 0.0 312.2

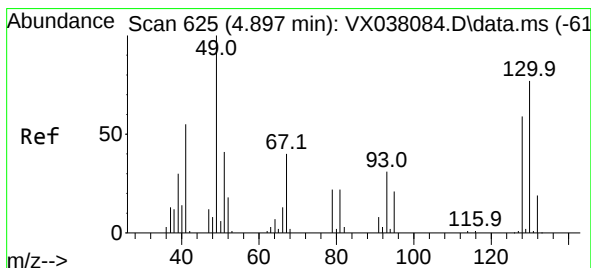
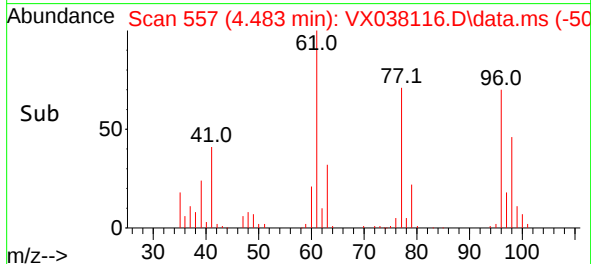
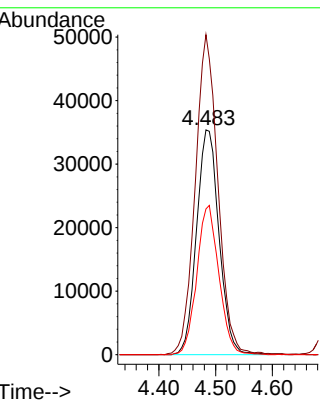
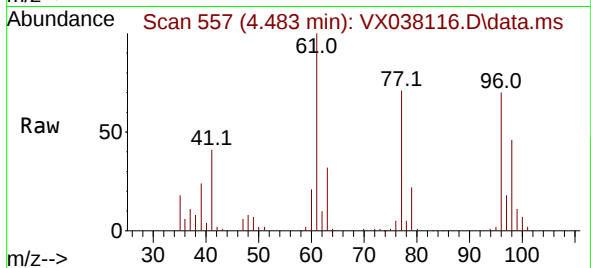
98 65.3 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#28

Bromochloromethane

Concen: 52.820 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX038116.D

Acq: 06 Oct 2023 09:24

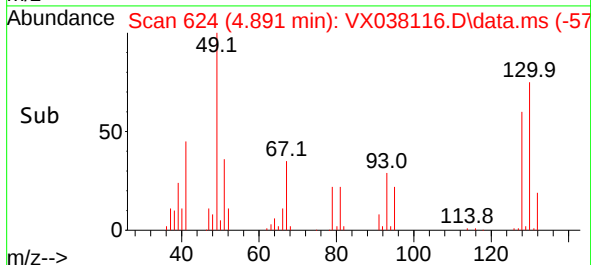
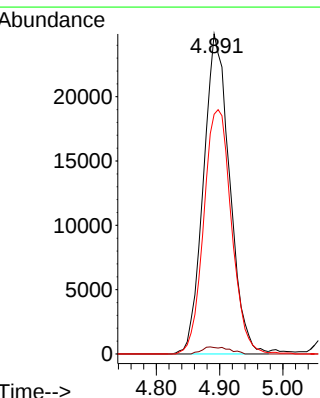
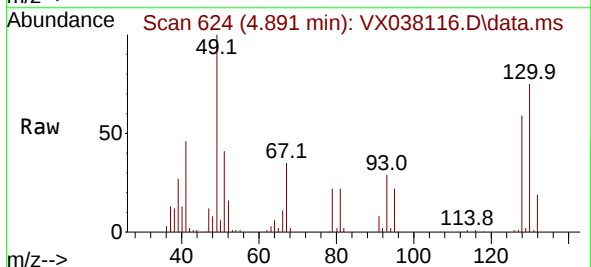
Tgt Ion: 49 Resp: 71540

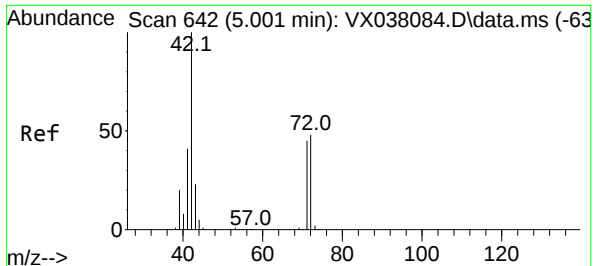
Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

130 80.9 57.5 86.3





#29

Tetrahydrofuran

Concen: 249.453 ug/l

RT: 5.001 min Scan# 64

Delta R.T. 0.000 min

Lab File: VX038116.D

Acq: 06 Oct 2023 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 253554

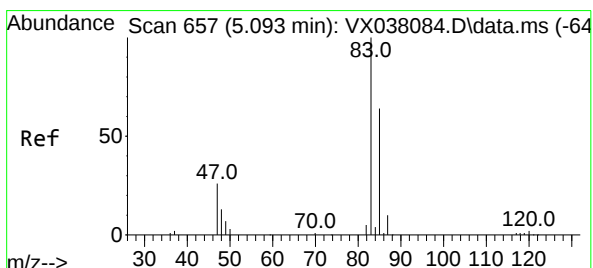
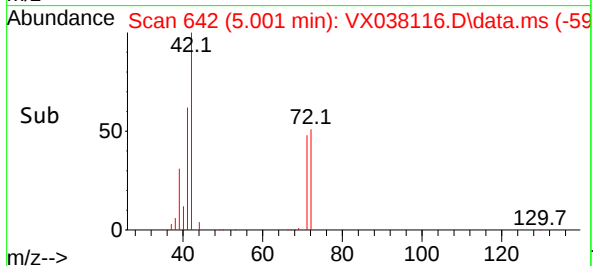
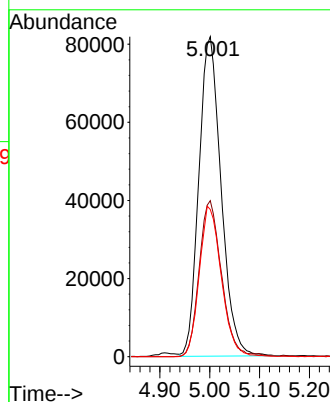
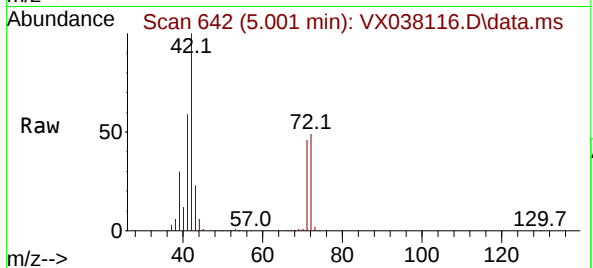
Ion	Ratio	Lower	Upper
42	100		
72	49.3	34.2	51.4
71	46.7	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#30

Chloroform

Concen: 51.699 ug/l

RT: 5.086 min Scan# 656

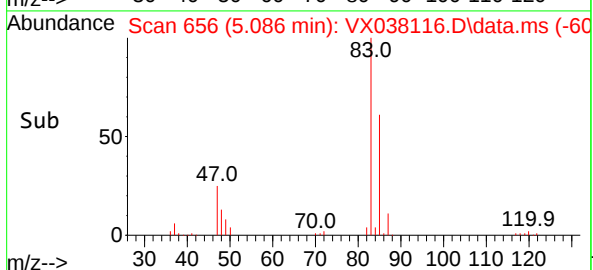
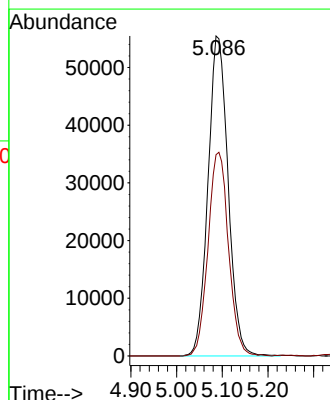
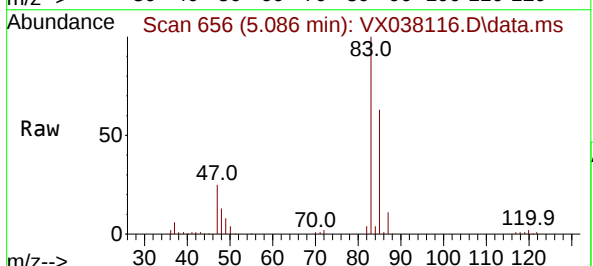
Delta R.T. -0.007 min

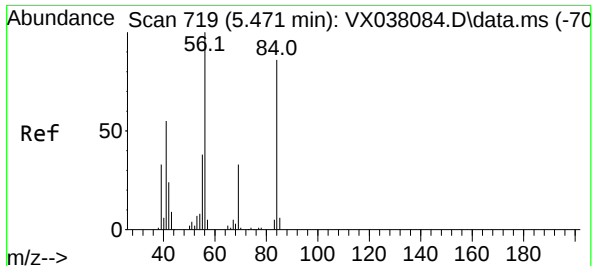
Lab File: VX038116.D

Acq: 06 Oct 2023 09:24

Tgt Ion: 83 Resp: 169621

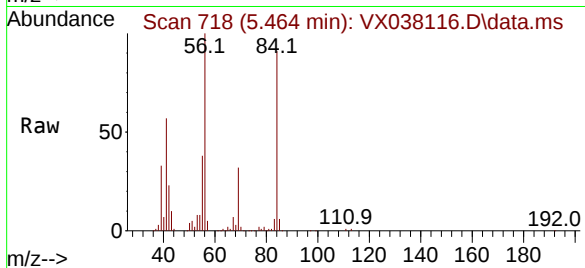
Ion	Ratio	Lower	Upper
83	100		
85	62.9	50.3	75.5





#31
Cyclohexane
Concen: 52.206 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.007 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

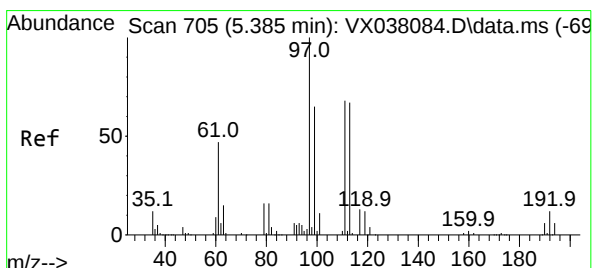
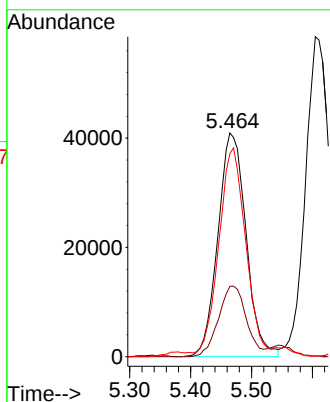
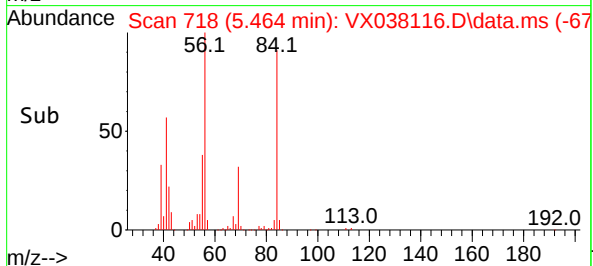
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 131130
Ion Ratio Lower Upper
56 100
69 31.5 23.4 35.2
84 88.6 65.9 98.9

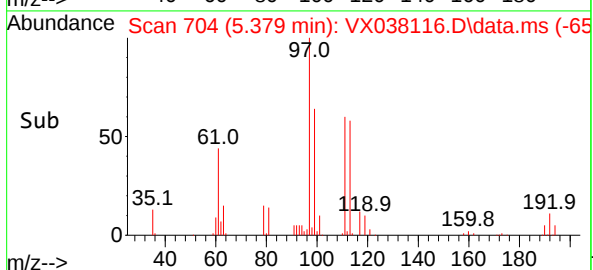
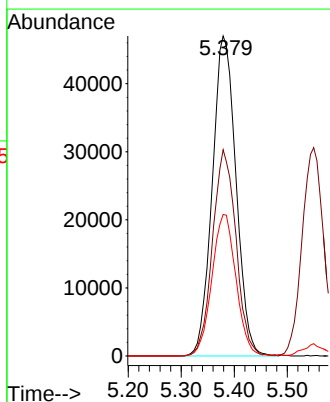
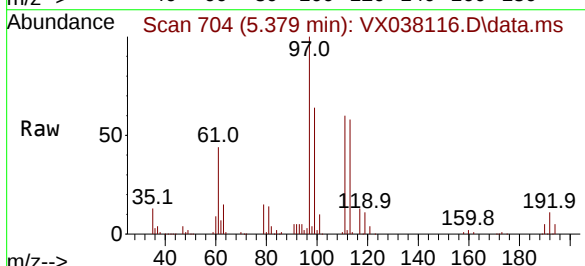
Manual Integrations
APPROVED

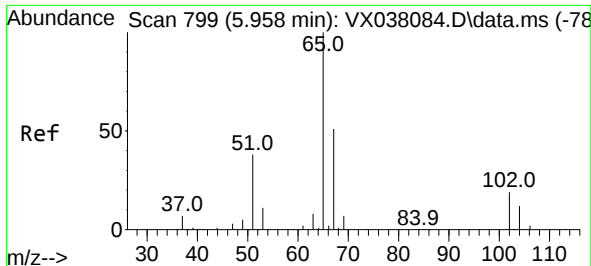
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#32
1,1,1-Trichloroethane
Concen: 51.948 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

Tgt Ion: 97 Resp: 145985
Ion Ratio Lower Upper
97 100
99 63.8 51.1 76.7
61 45.0 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.824 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038116.D

Acq: 06 Oct 2023 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 110878

Ion Ratio Lower Upper

65 100

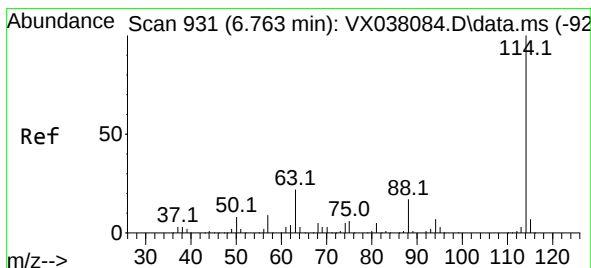
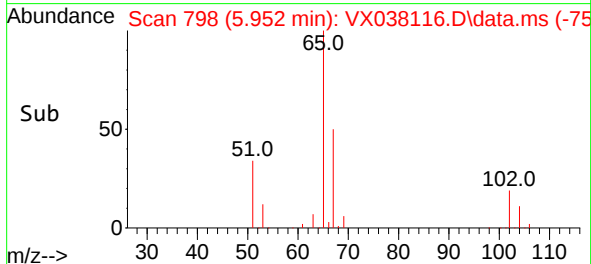
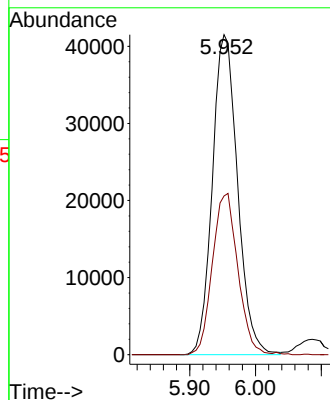
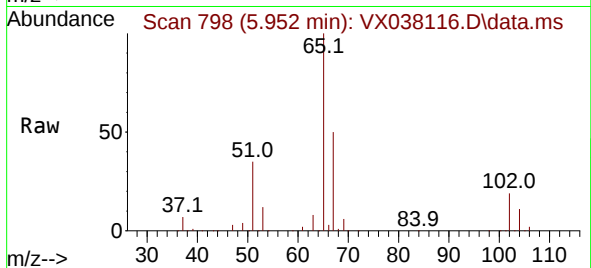
67 50.7 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX038116.D

Acq: 06 Oct 2023 09:24

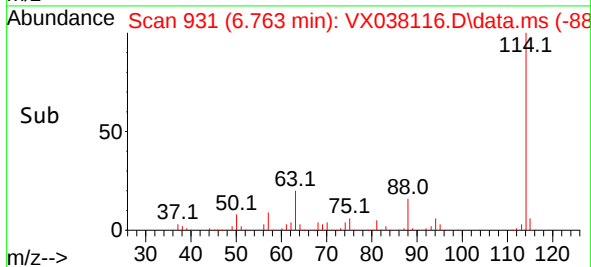
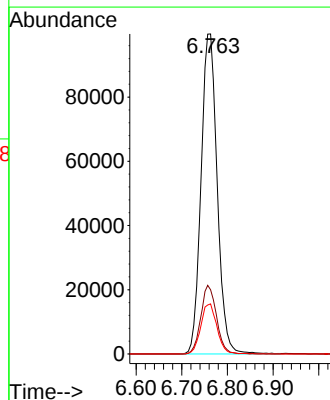
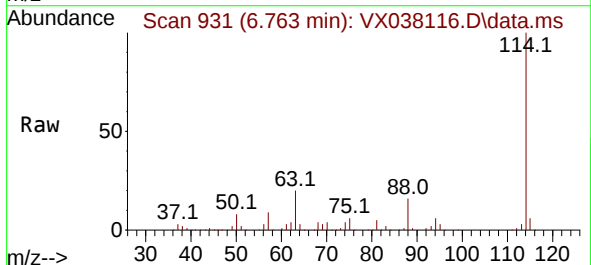
Tgt Ion:114 Resp: 244860

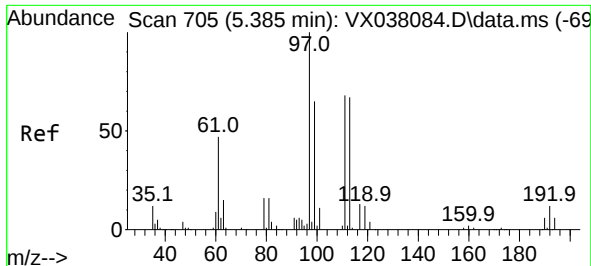
Ion Ratio Lower Upper

114 100

63 20.0 0.0 45.0

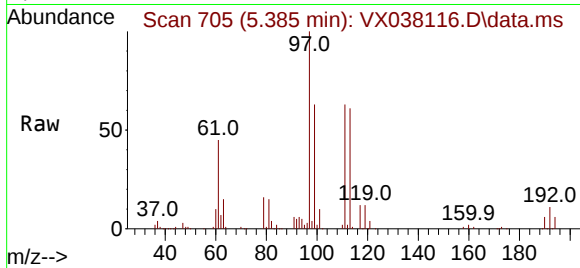
88 15.7 0.0 36.6





#35
Dibromofluoromethane
Concen: 47.269 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

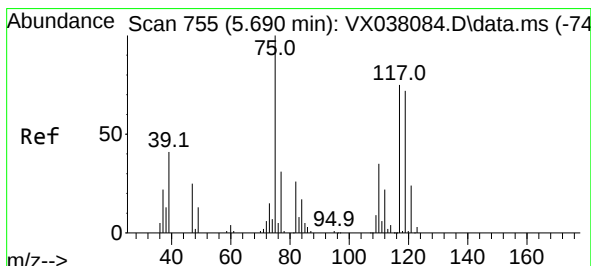
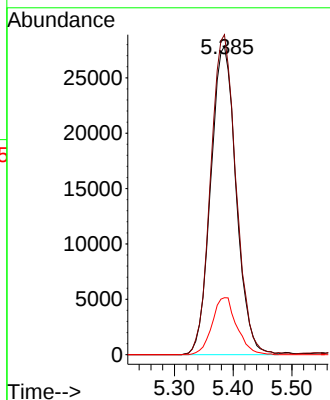
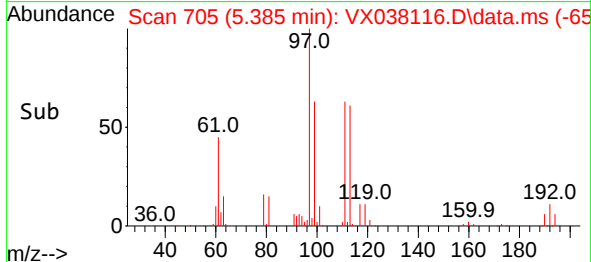
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 83400
Ion Ratio Lower Upper
113 100
111 104.0 82.9 124.3
192 18.0 13.3 19.9

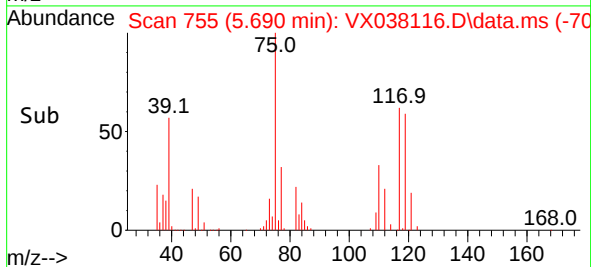
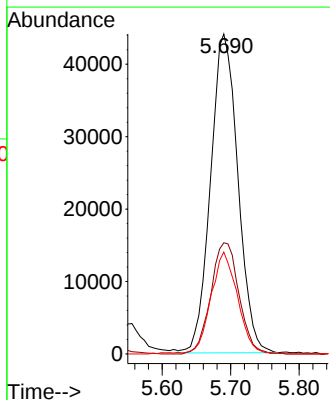
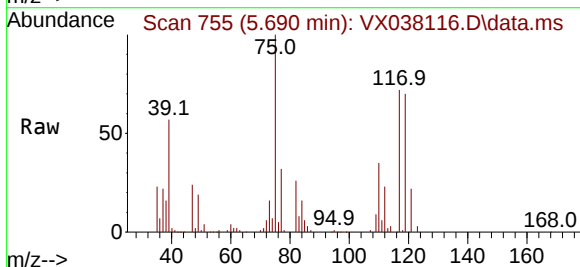
Manual Integrations
APPROVED

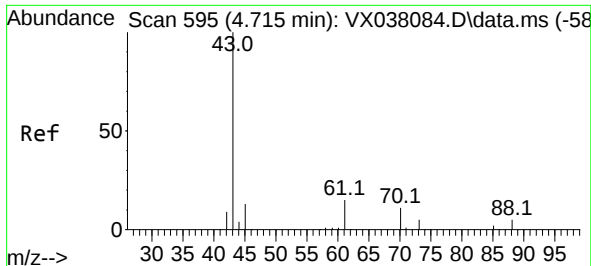
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#36
1,1-Dichloropropene
Concen: 50.196 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

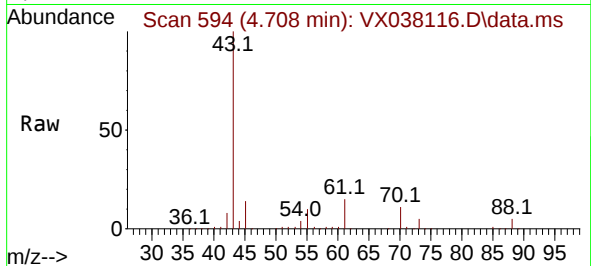
Tgt Ion: 75 Resp: 122128
Ion Ratio Lower Upper
75 100
110 35.9 17.0 50.9
77 31.4 24.7 37.1





#37
Ethyl Acetate
Concen: 51.672 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.007 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

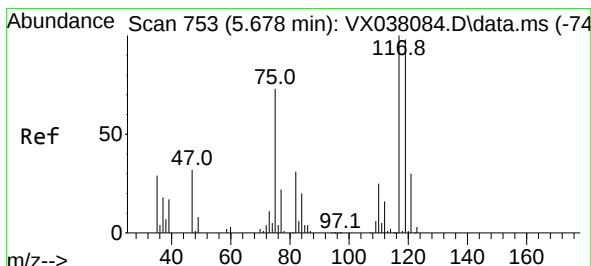
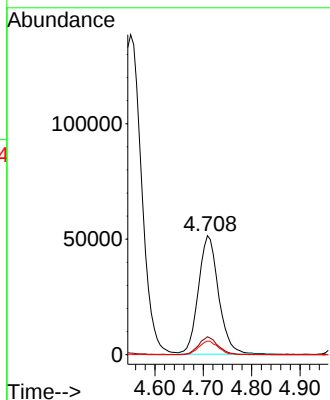
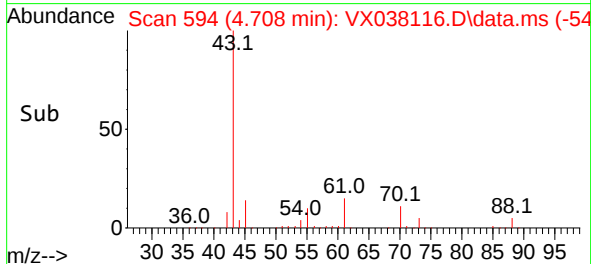
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 149309
Ion Ratio Lower Upper
43 100
61 14.5 10.6 16.0
70 11.1 8.3 12.5

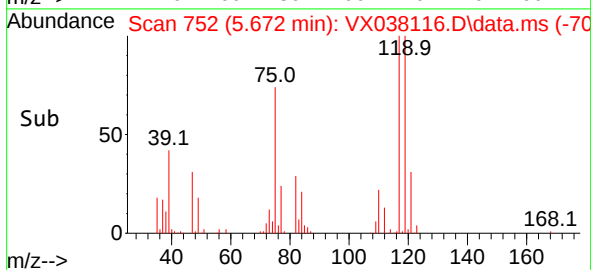
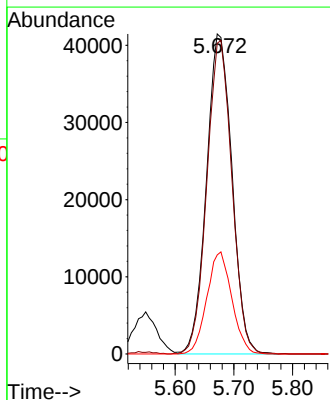
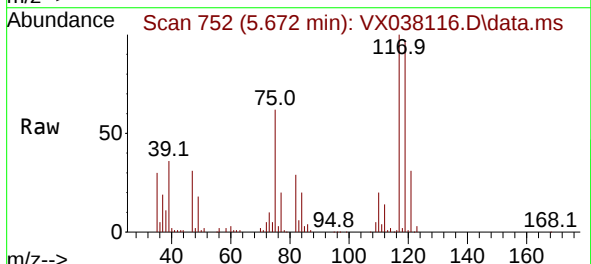
Manual Integrations
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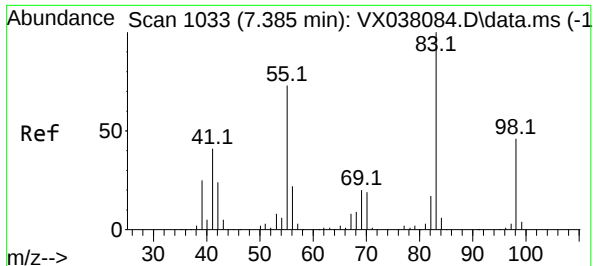
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#38
Carbon Tetrachloride
Concen: 52.346 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

Tgt Ion:117 Resp: 125288
Ion Ratio Lower Upper
117 100
119 97.1 78.2 117.2
121 30.9 24.4 36.6





#39

Methylcyclohexane

Concen: 53.587 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX038116.D

Acq: 06 Oct 2023 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 152710

Ion Ratio Lower Upper

83 100

55 71.5 64.6 97.0

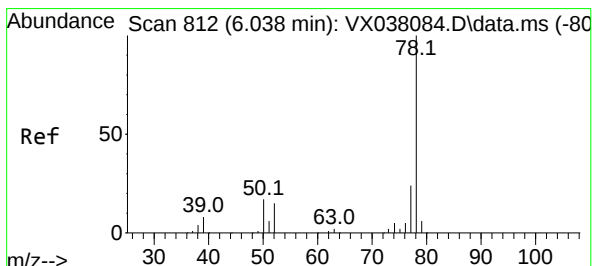
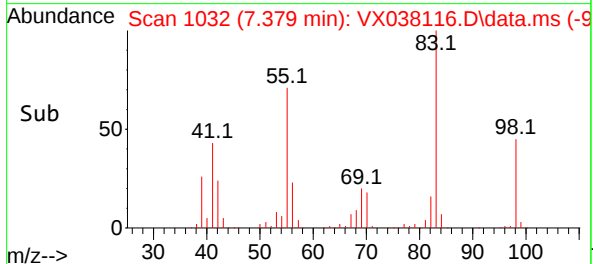
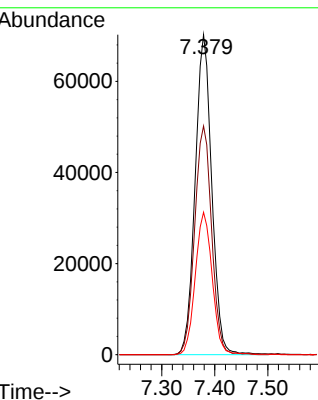
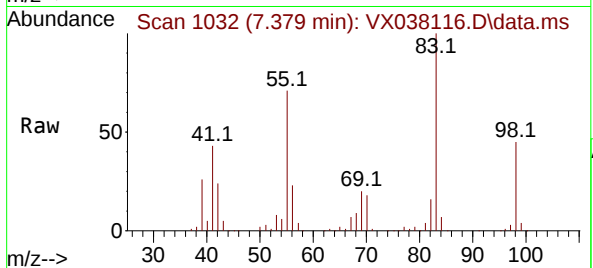
98 44.5 36.7 55.1

Manual Integrations

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Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#40

Benzene

Concen: 51.833 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.001 min

Lab File: VX038116.D

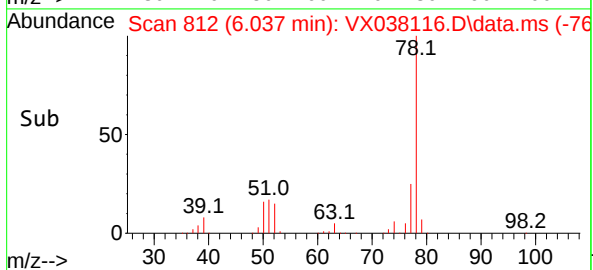
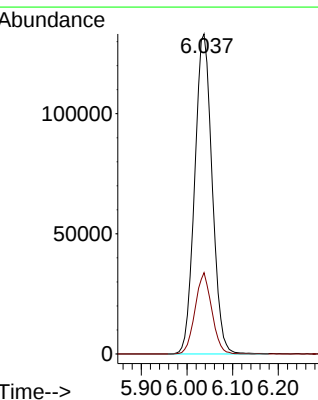
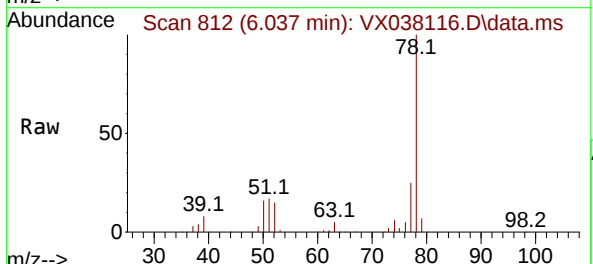
Acq: 06 Oct 2023 09:24

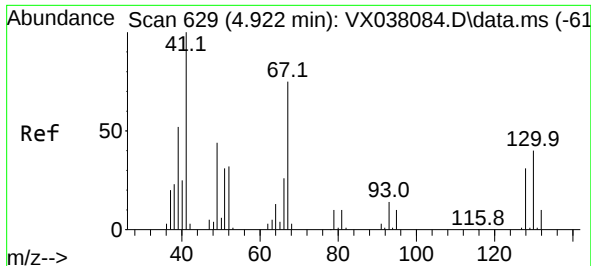
Tgt Ion: 78 Resp: 352729

Ion Ratio Lower Upper

78 100

77 25.4 19.3 28.9





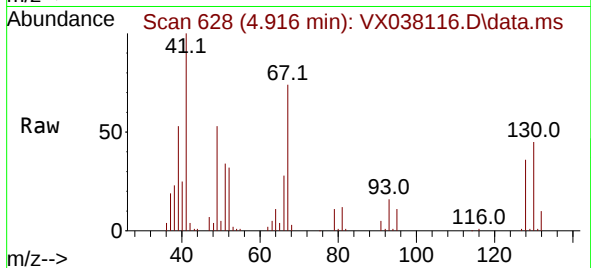
#41
Methacrylonitrile
Concen: 53.344 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



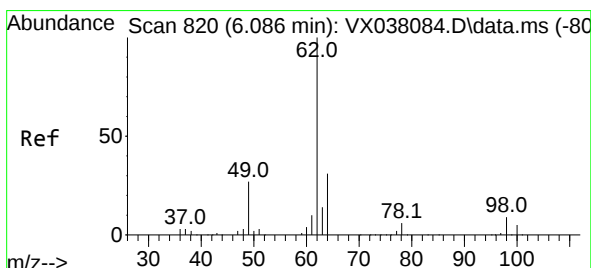
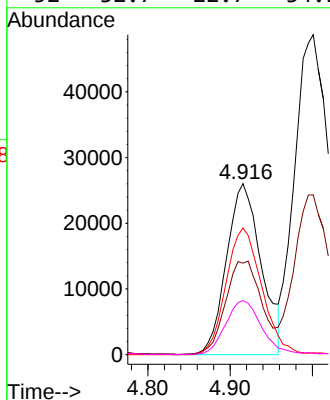
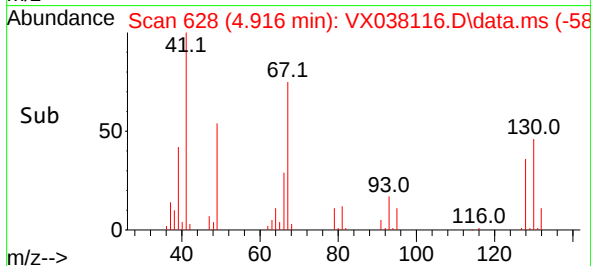
Tgt Ion: 41 Resp: 76680
Ion Ratio Lower Upper
41 100
39 55.4 45.2 67.8
67 75.9 52.6 78.8
52 32.7 22.7 34.1

Manual Integrations

APPROVED

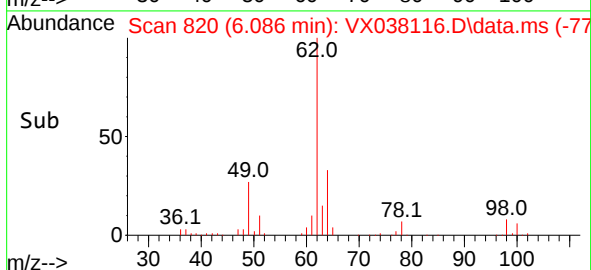
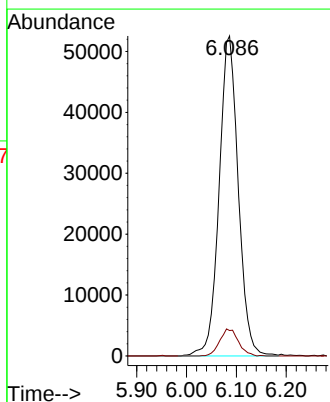
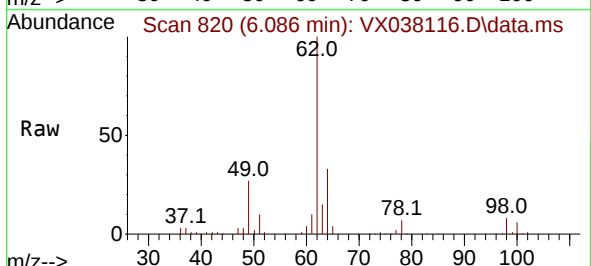
Reviewed By :John Carlone 10/09/2023

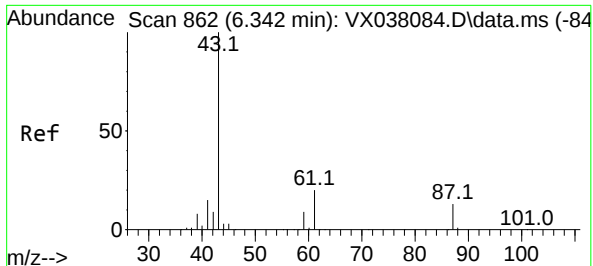
Supervised By :Mahesh Dadoda 10/09/2023



#42
1,2-Dichloroethane
Concen: 51.538 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

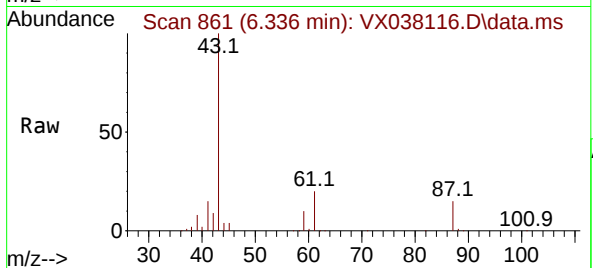
Tgt Ion: 62 Resp: 140125
Ion Ratio Lower Upper
62 100
98 8.3 0.0 16.0





#43
Isopropyl Acetate
Concen: 52.313 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

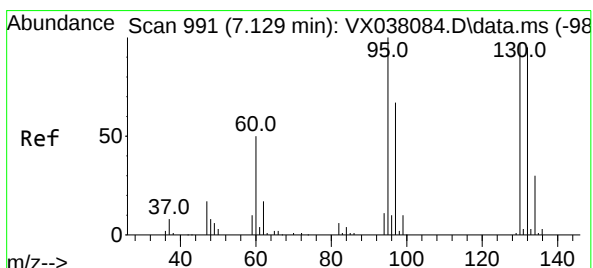
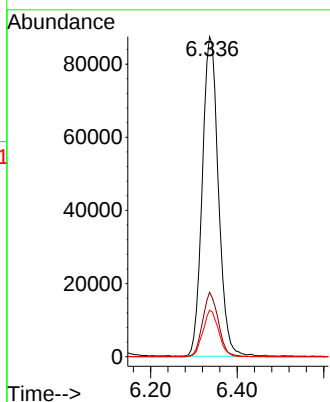
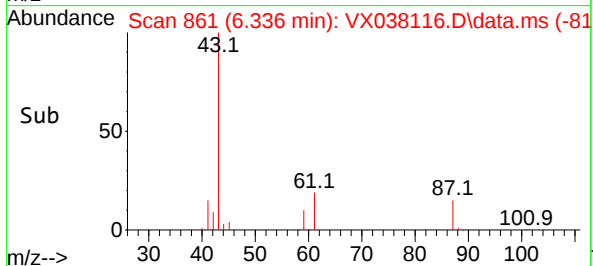
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



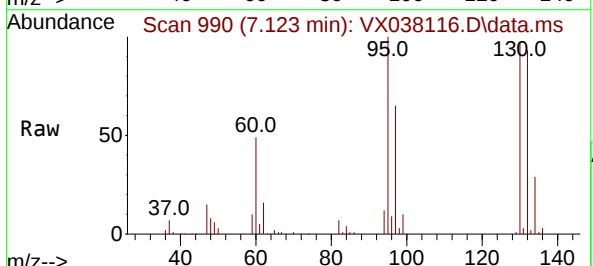
Tgt Ion: 43 Resp: 225659
Ion Ratio Lower Upper
43 100
61 19.6 15.2 22.8
87 14.2 9.8 14.6

Manual Integrations
APPROVED

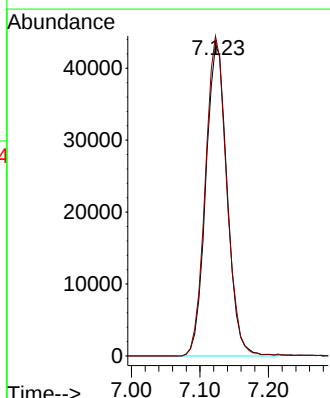
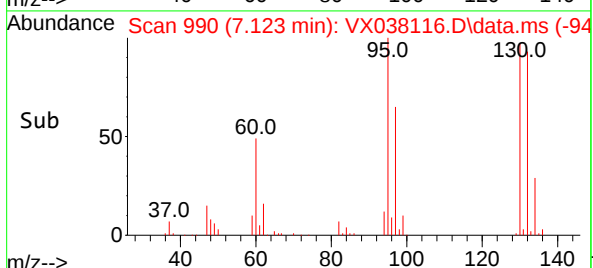
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

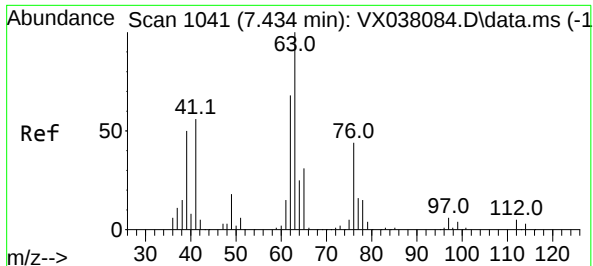


#44
Trichloroethene
Concen: 52.760 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24



Tgt Ion:130 Resp: 93906
Ion Ratio Lower Upper
130 100
95 102.8 0.0 204.4





#45

1,2-Dichloropropane

Concen: 52.422 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.007 min

Lab File: VX038116.D

Acq: 06 Oct 2023 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 92329

Ion Ratio Lower Upper

63 100

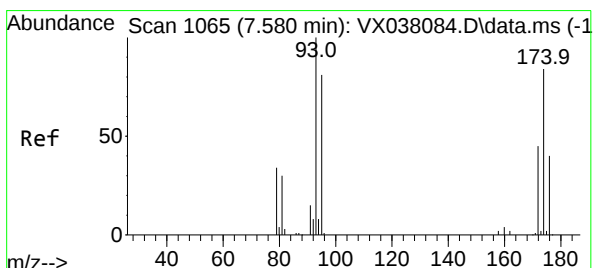
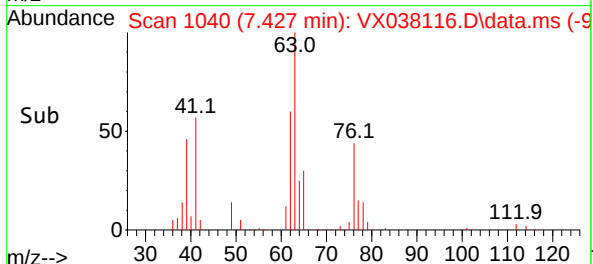
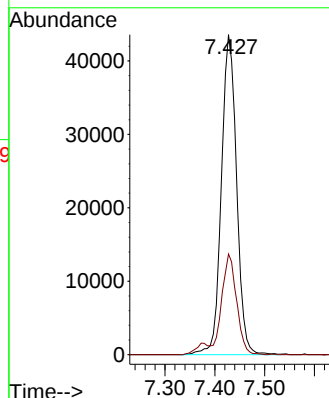
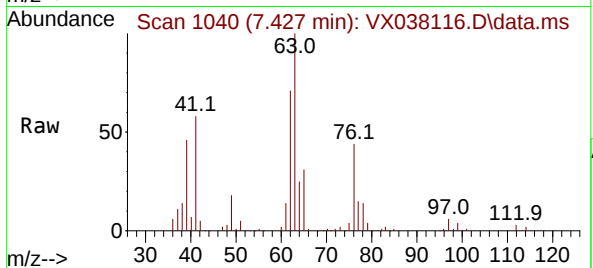
65 31.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#46

Dibromomethane

Concen: 51.168 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX038116.D

Acq: 06 Oct 2023 09:24

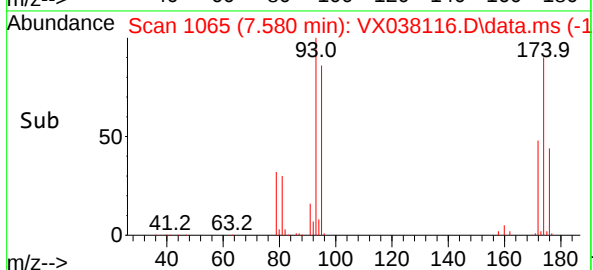
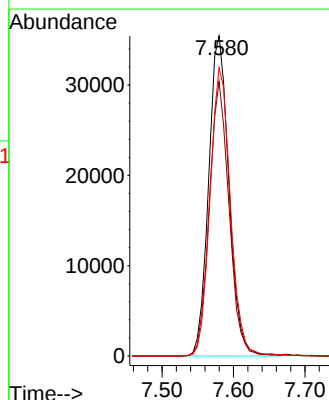
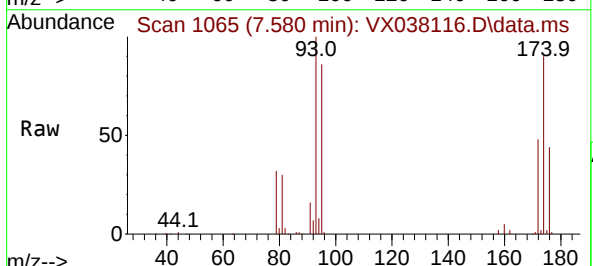
Tgt Ion: 93 Resp: 69897

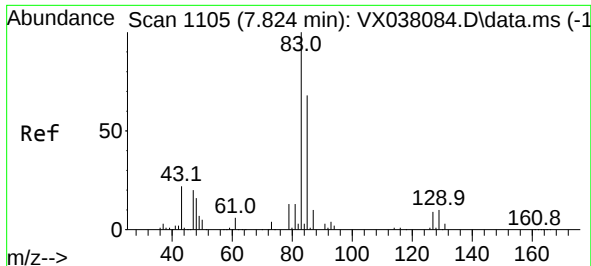
Ion Ratio Lower Upper

93 100

95 83.6 66.6 100.0

174 90.2 69.4 104.0





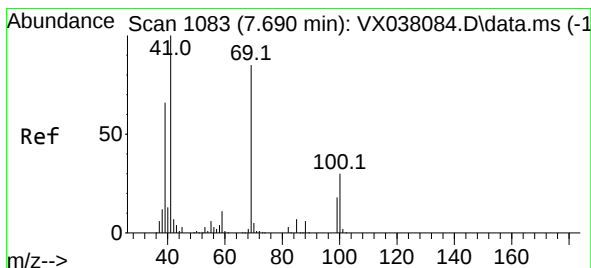
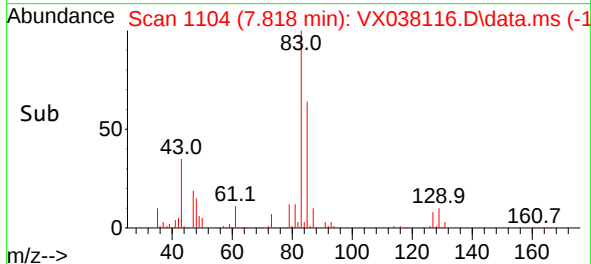
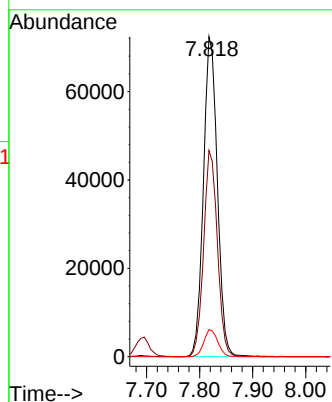
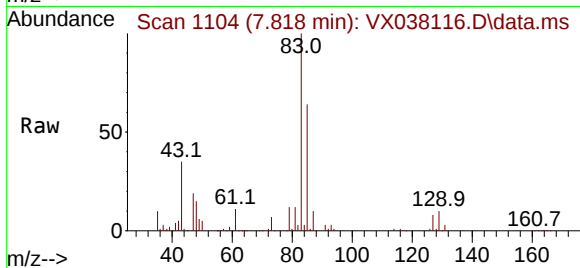
#47
Bromodichloromethane
Concen: 54.467 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 13236
Ion Ratio Lower Upper
83 100
85 64.4 49.8 74.6
127 8.4 7.1 10.7

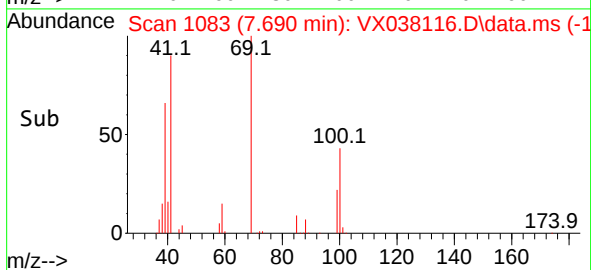
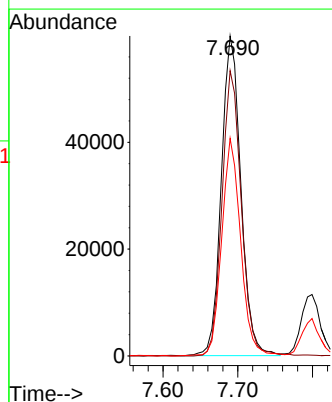
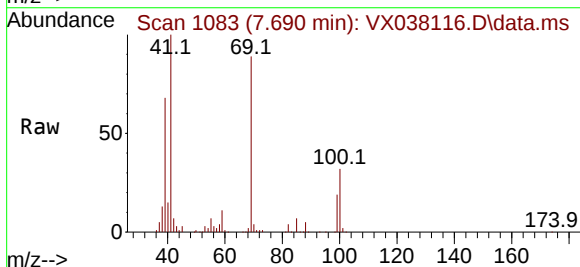
Manual Integrations
APPROVED

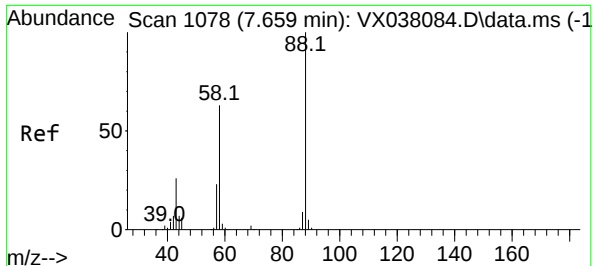
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#48
Methyl methacrylate
Concen: 53.058 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

Tgt Ion: 41 Resp: 109260
Ion Ratio Lower Upper
41 100
69 88.3 59.2 88.8
39 66.1 47.7 71.5





#49

1,4-Dioxane

Concen: 1028.146 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.006 min

Lab File: VX038116.D

Acq: 06 Oct 2023 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 5217

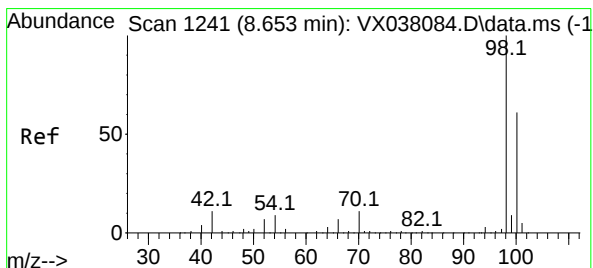
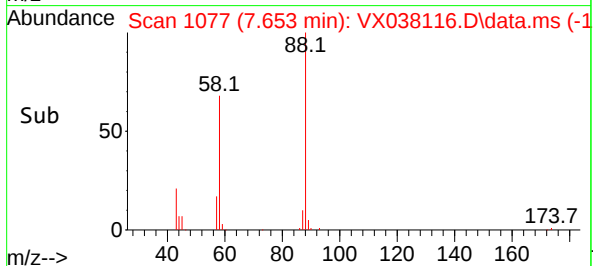
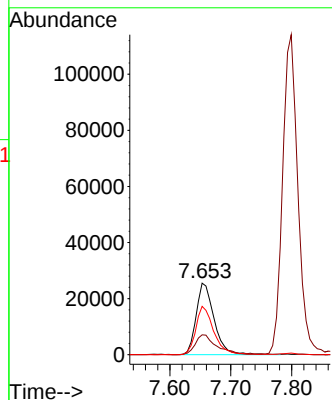
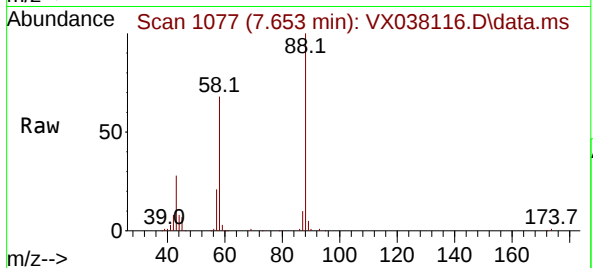
Ion	Ratio	Lower	Upper
88	100		
43	33.1	0.0	0.0
58	67.6	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#50

Toluene-d8

Concen: 48.341 ug/l

RT: 8.647 min Scan# 1240

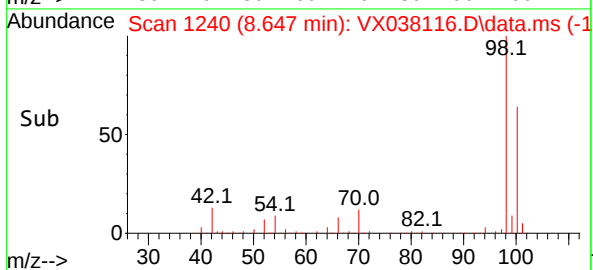
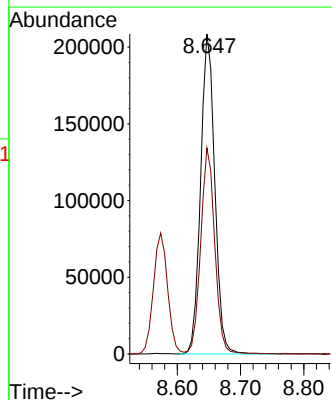
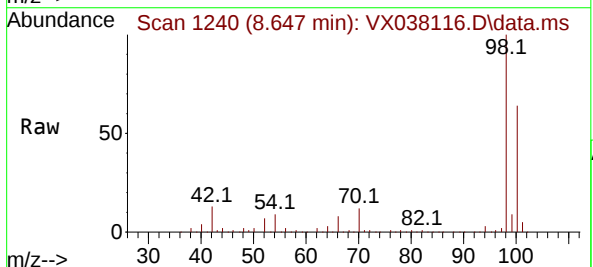
Delta R.T. -0.006 min

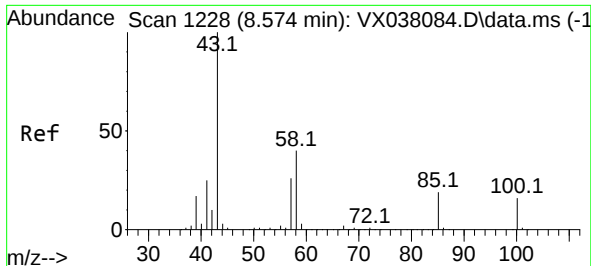
Lab File: VX038116.D

Acq: 06 Oct 2023 09:24

Tgt Ion: 98 Resp: 325920

Ion	Ratio	Lower	Upper
98	100		
100	63.7	53.1	79.7





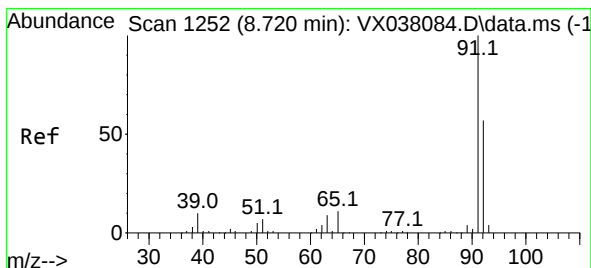
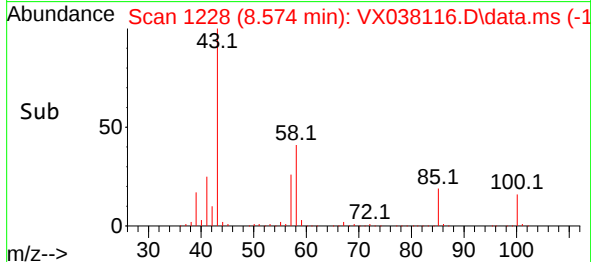
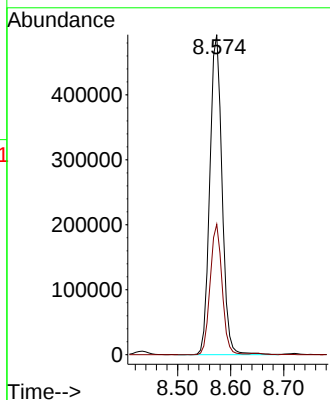
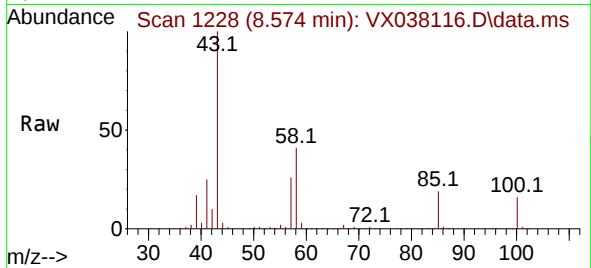
#51
4-Methyl-2-Pentanone
Concen: 264.299 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 78638
Ion Ratio Lower Upper
43 100
58 39.8 30.4 45.6

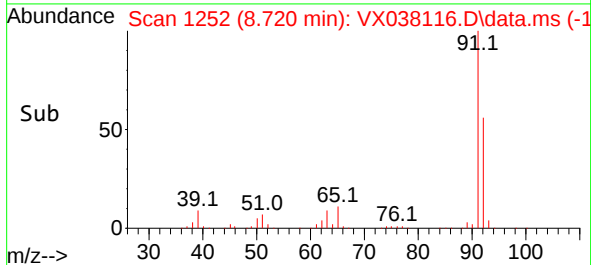
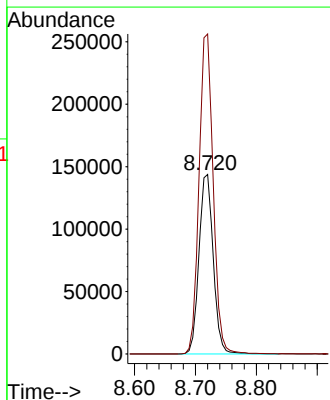
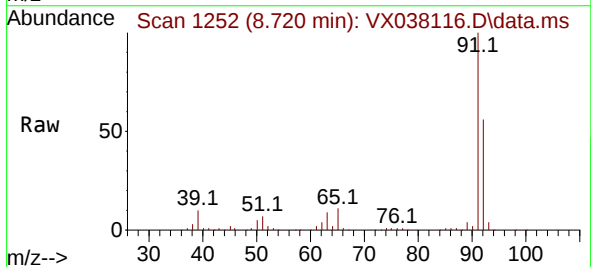
Manual Integrations
APPROVED

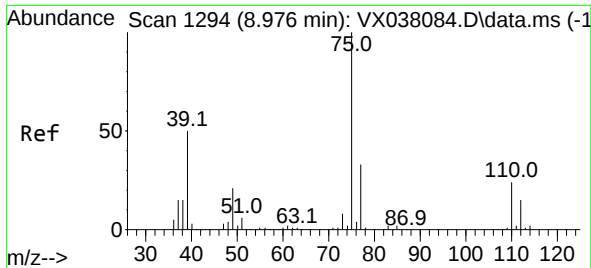
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#52
Toluene
Concen: 52.914 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

Tgt Ion: 92 Resp: 234561
Ion Ratio Lower Upper
92 100
91 177.1 134.2 201.2





#53
 t-1,3-Dichloropropene
 Concen: 56.189 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. -0.000 min
 Lab File: VX038116.D
 Acq: 06 Oct 2023 09:24

Instrument :

MSVOA_X

ClientSampleId :

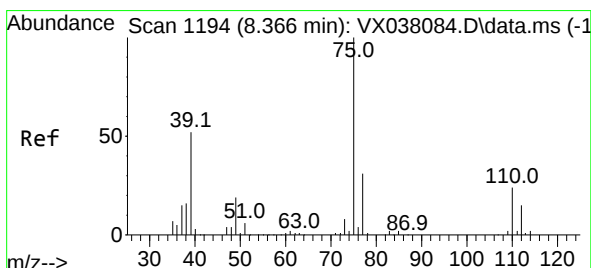
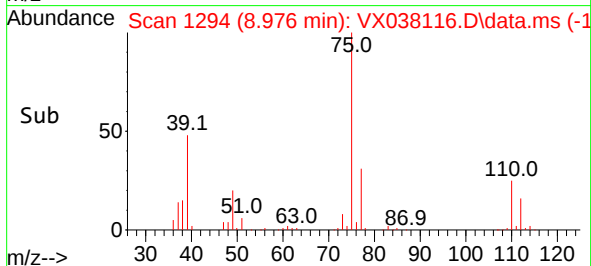
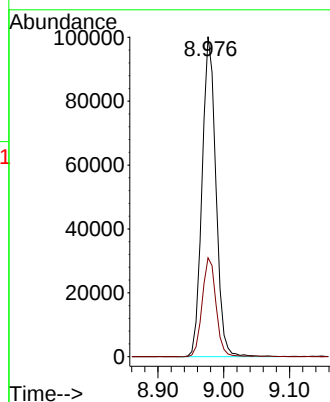
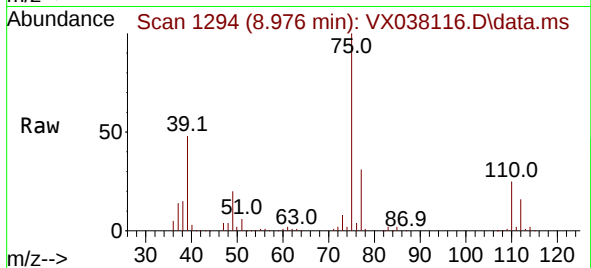
VSTDCCC050

Tgt Ion: 75 Resp: 14656
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.7 38.5

Manual Integrations

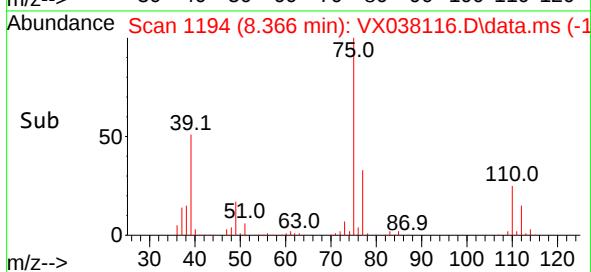
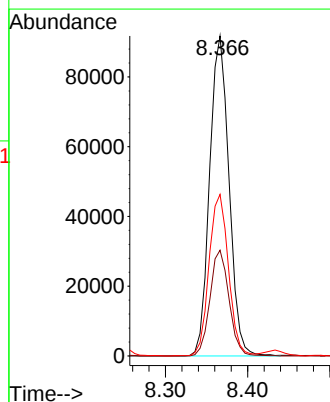
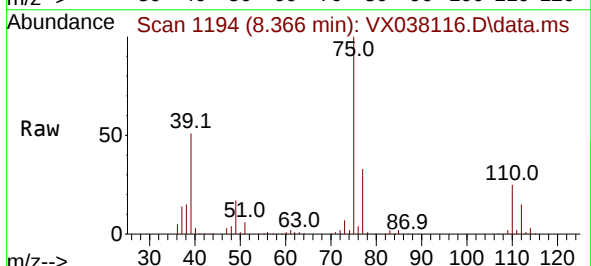
APPROVED

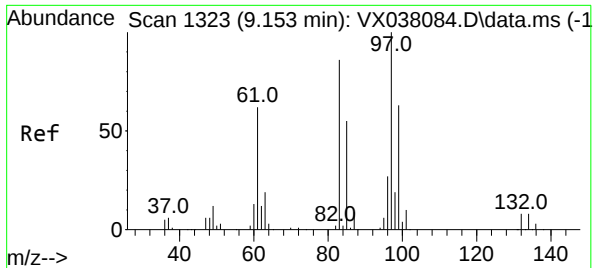
Reviewed By :John Carlone 10/09/2023
 Supervised By :Mahesh Dadoda 10/09/2023



#54
 cis-1,3-Dichloropropene
 Concen: 54.772 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX038116.D
 Acq: 06 Oct 2023 09:24

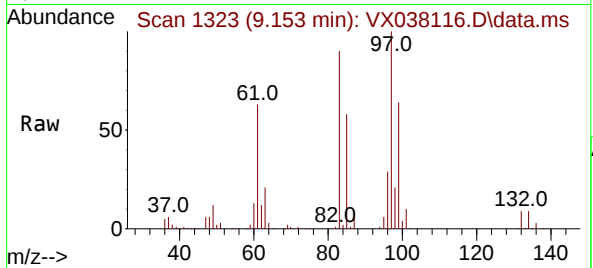
Tgt Ion: 75 Resp: 150107
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.3 37.9
 39 50.4 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 52.243 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

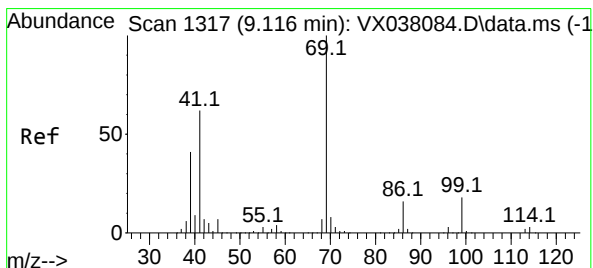
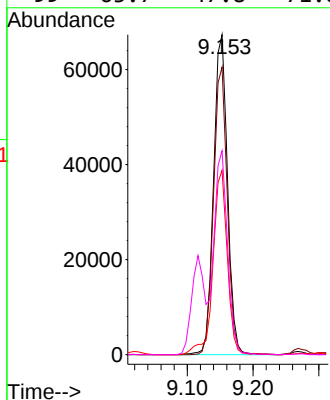
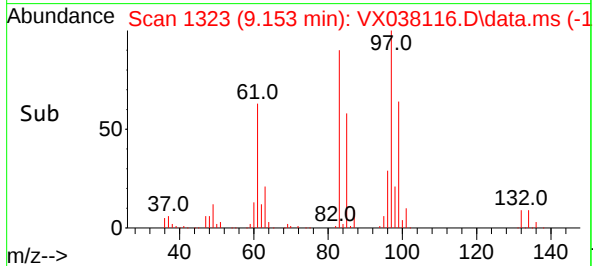
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



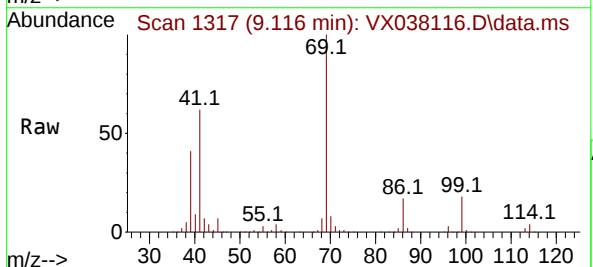
Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.9	65.8	98.8
85	57.6	41.6	62.4
99	63.7	47.8	71.8

Manual Integrations
APPROVED

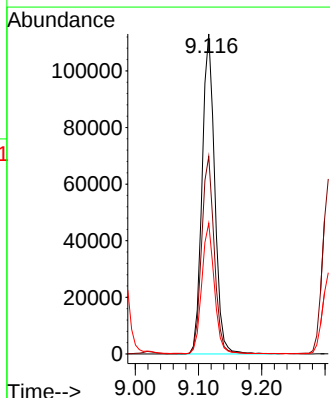
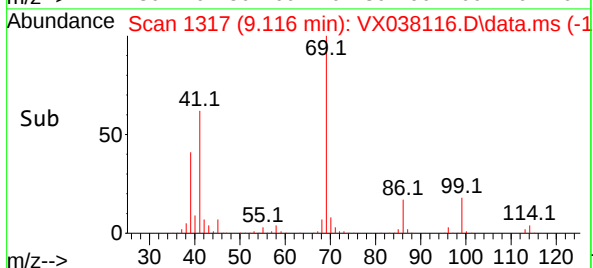
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

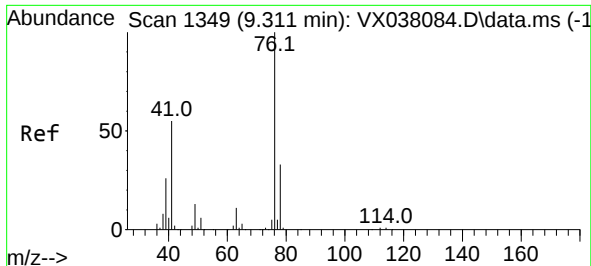


#56
Ethyl methacrylate
Concen: 53.982 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24



Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.2	56.8	85.2
39	40.5	32.0	48.0





#57

1,3-Dichloropropane

Concen: 53.451 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038116.D

Acq: 06 Oct 2023 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 163914

Ion Ratio Lower Upper

76 100

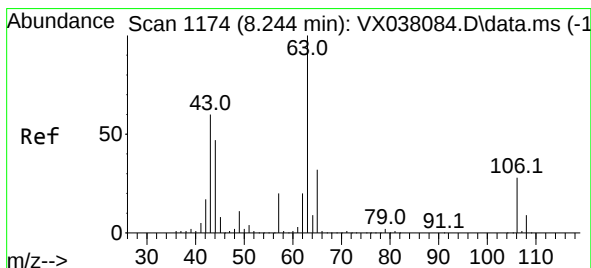
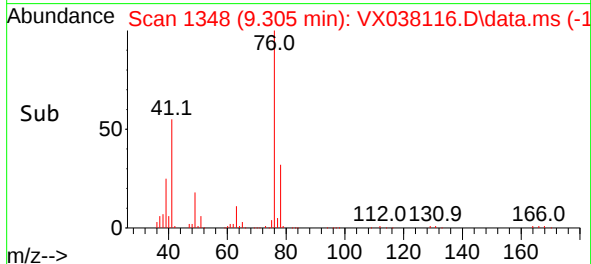
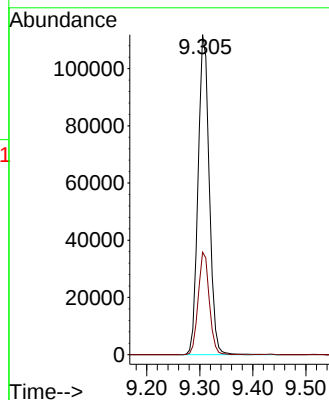
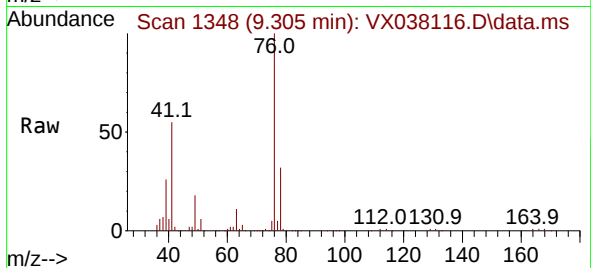
78 31.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#58

2-Chloroethyl Vinyl ether

Concen: 258.805 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX038116.D

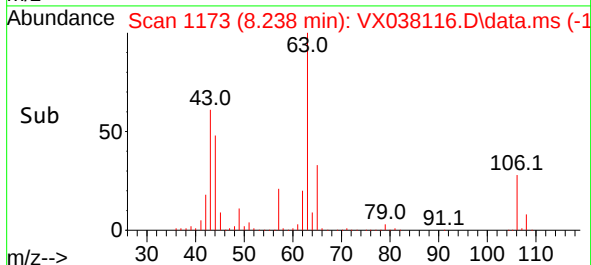
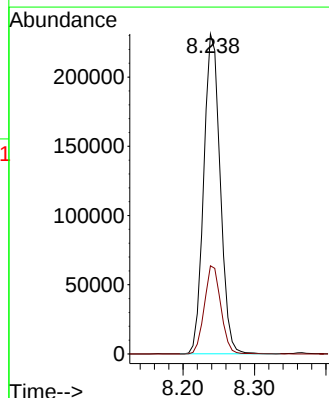
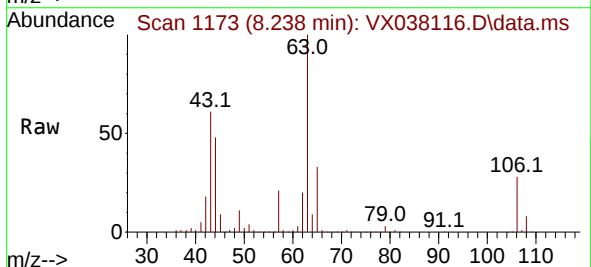
Acq: 06 Oct 2023 09:24

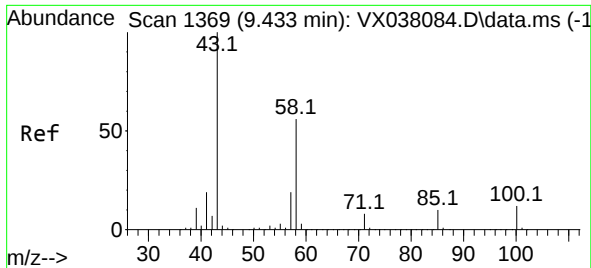
Tgt Ion: 63 Resp: 369307

Ion Ratio Lower Upper

63 100

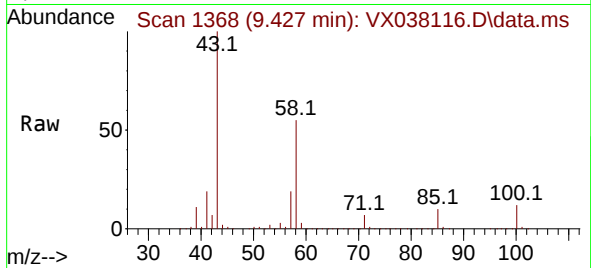
106 27.6 22.5 33.7





#59
2-Hexanone
Concen: 269.405 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

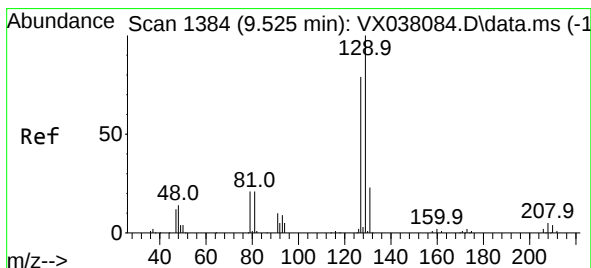
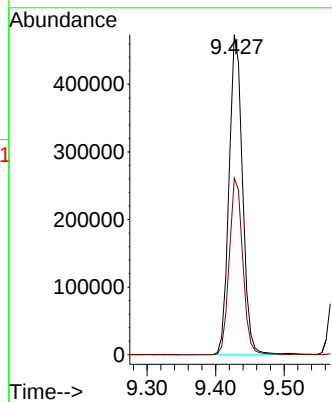
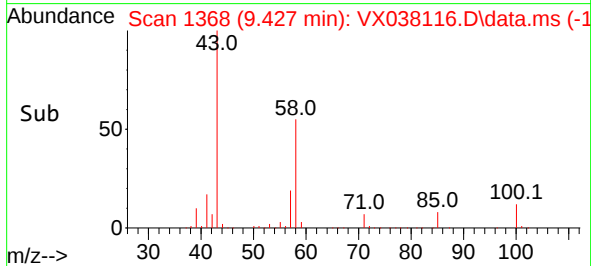
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 644410
Ion Ratio Lower Upper
43 100
58 55.4 26.2 78.5

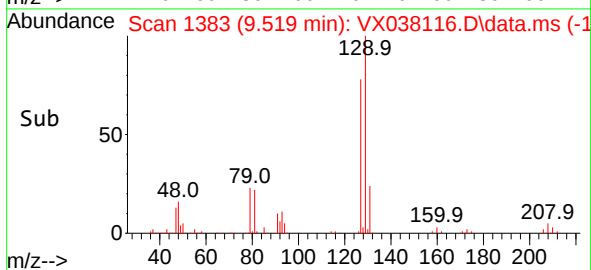
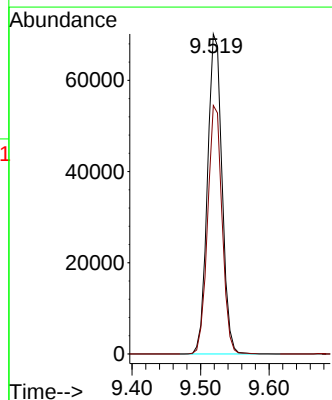
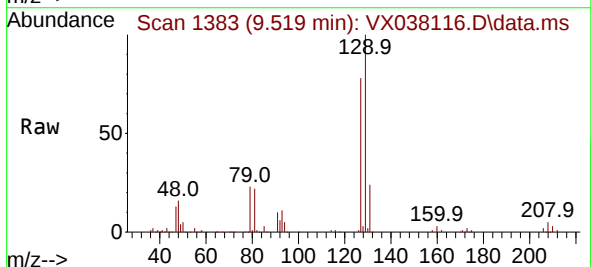
Manual Integrations
APPROVED

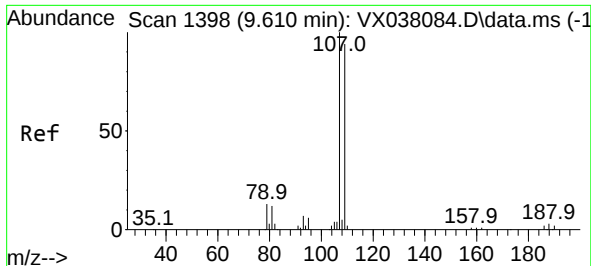
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#60
Dibromochloromethane
Concen: 55.784 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

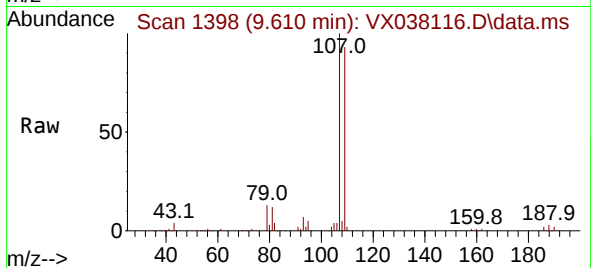
Tgt Ion:129 Resp: 103518
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 53.324 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

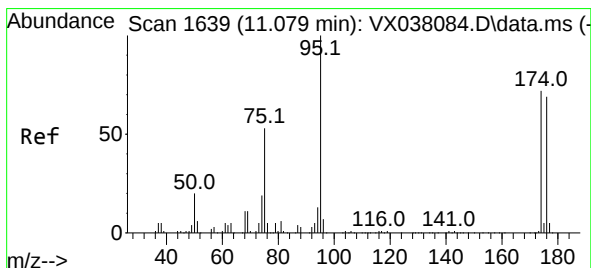
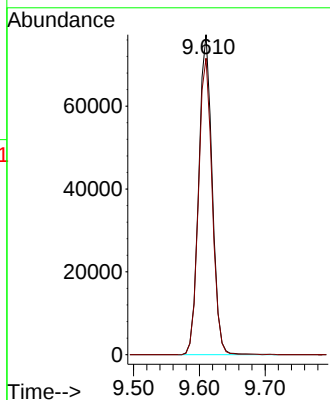
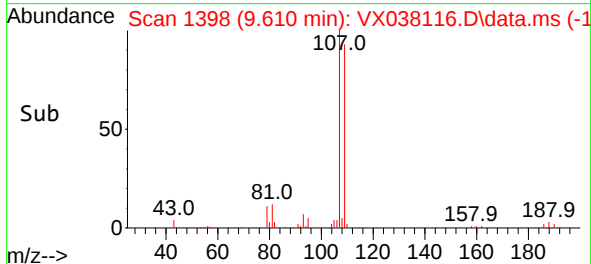
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



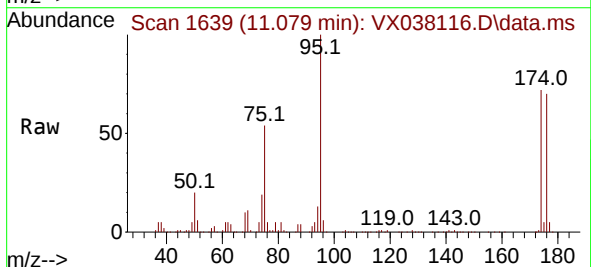
Tgt Ion:107 Resp: 109330
Ion Ratio Lower Upper
107 100
109 94.2 75.2 112.8

Manual Integrations
APPROVED

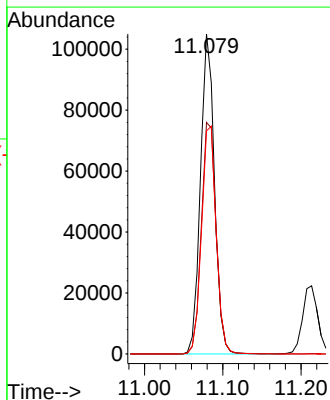
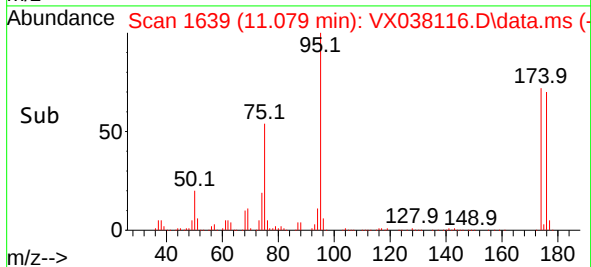
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

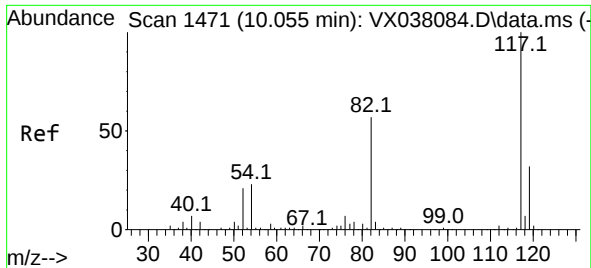


#62
4-Bromofluorobenzene
Concen: 50.897 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24



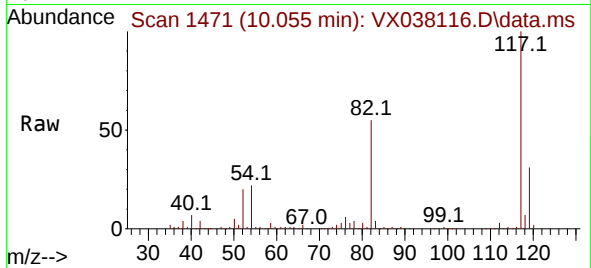
Tgt Ion: 95 Resp: 130092
Ion Ratio Lower Upper
95 100
174 76.2 0.0 135.6
176 74.5 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

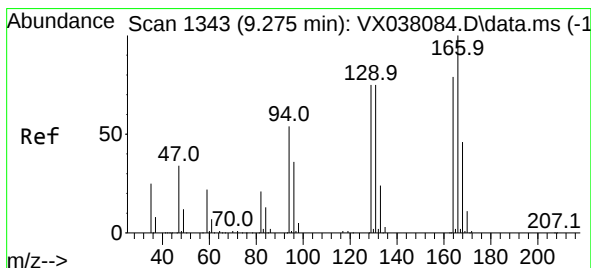
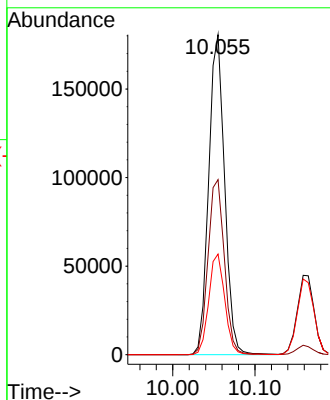
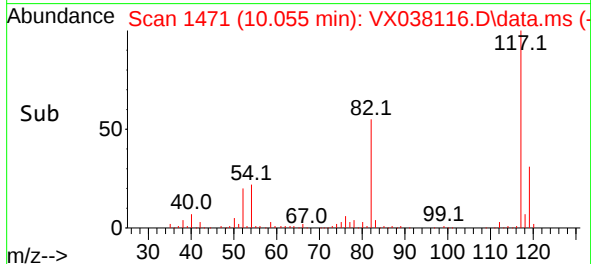
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 24304
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 31.5 25.5 38.3

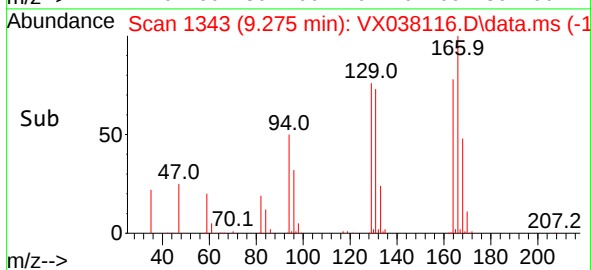
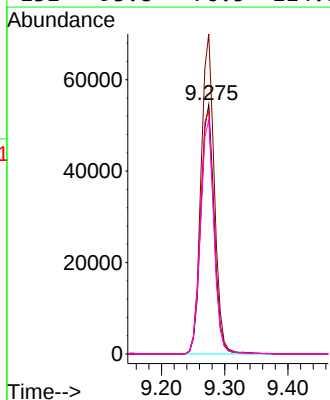
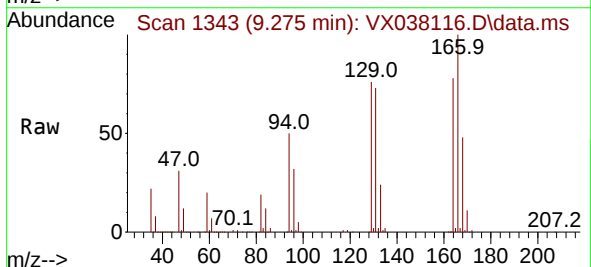
Manual Integrations
APPROVED

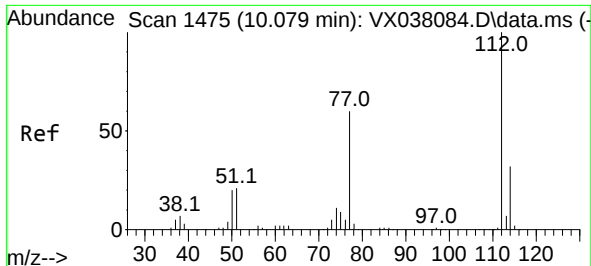
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#64
Tetrachloroethene
Concen: 50.947 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

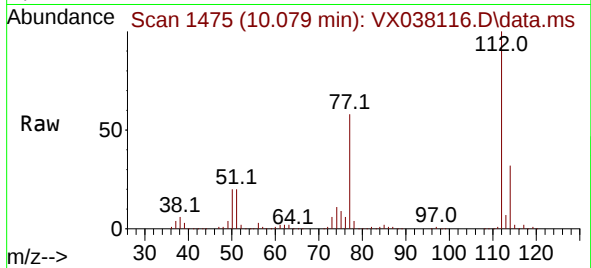
Tgt Ion:164 Resp: 80160
Ion Ratio Lower Upper
164 100
166 128.4 102.7 154.1
129 97.9 80.4 120.6
131 93.8 76.5 114.7





#65
Chlorobenzene
Concen: 50.264 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

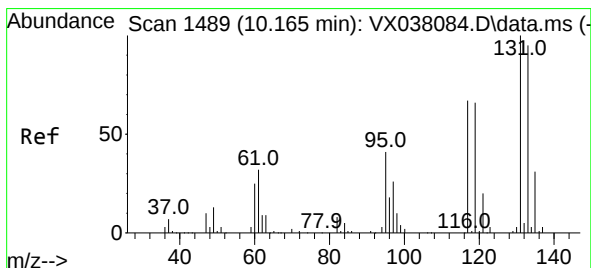
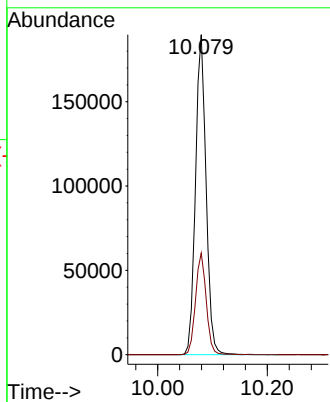
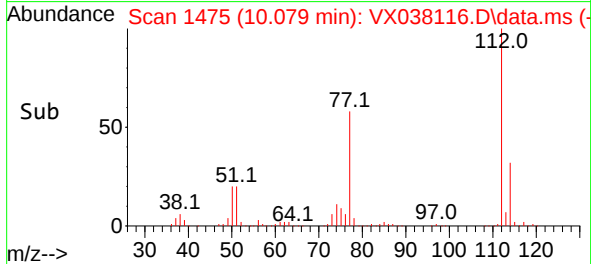
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



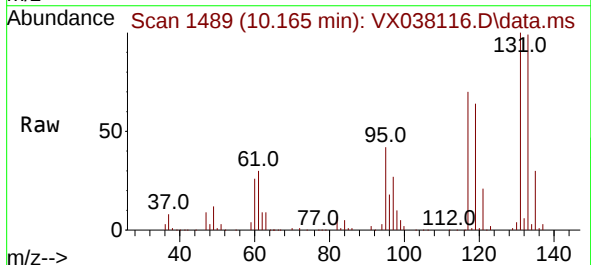
Tgt Ion:112 Resp: 255630
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5

Manual Integrations
APPROVED

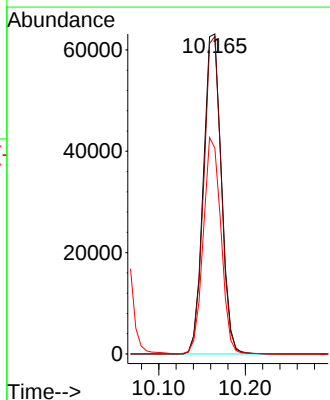
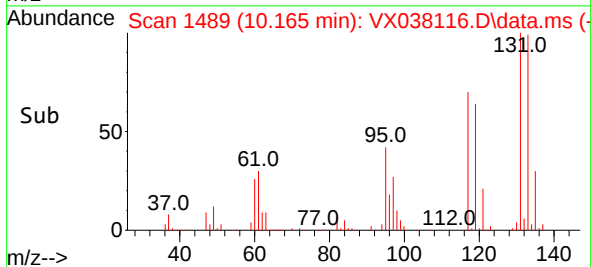
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

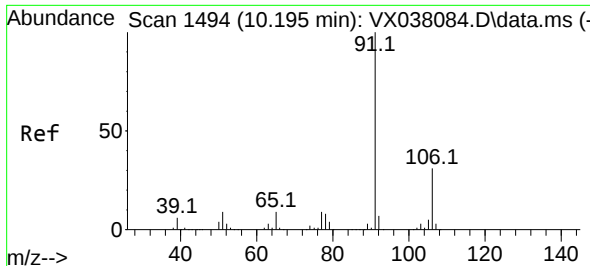


#66
1,1,1,2-Tetrachloroethane
Concen: 52.869 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24



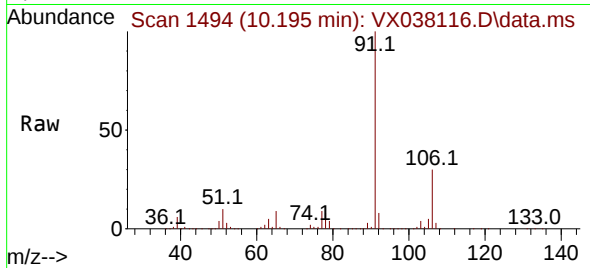
Tgt Ion:131 Resp: 90922
Ion Ratio Lower Upper
131 100
133 96.8 47.1 141.4
119 66.7 32.2 96.6





#67
Ethyl Benzene
Concen: 52.146 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

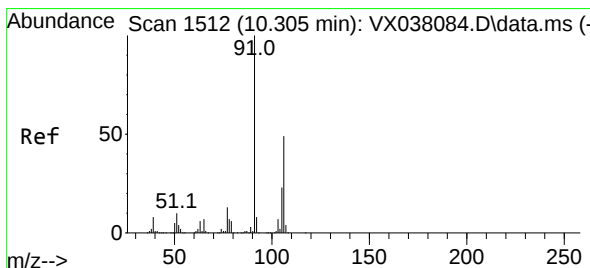
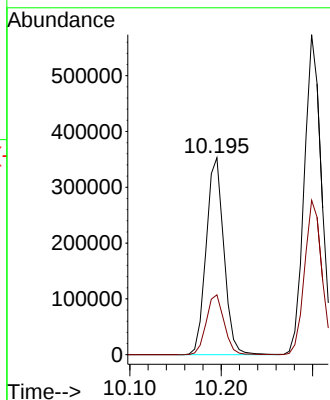
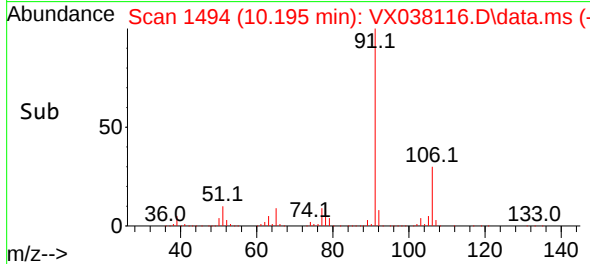
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 473388
Ion Ratio Lower Upper
91 100
106 30.4 24.9 37.3

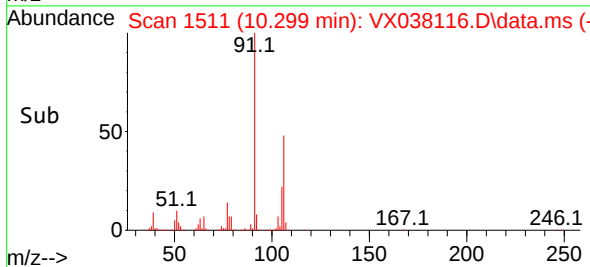
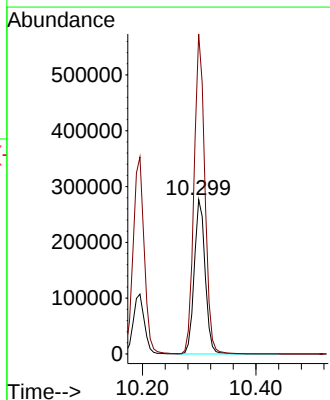
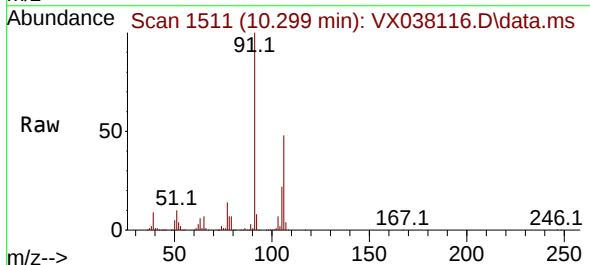
Manual Integrations
APPROVED

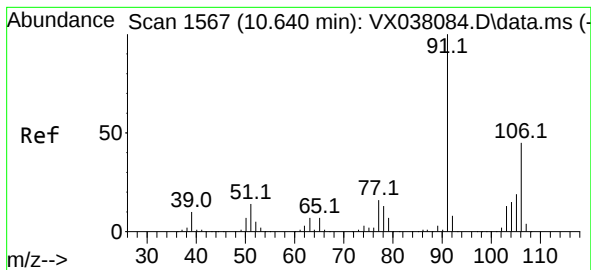
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#68
m/p-Xylenes
Concen: 104.770 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

Tgt Ion:106 Resp: 367761
Ion Ratio Lower Upper
106 100
91 205.2 165.5 248.3





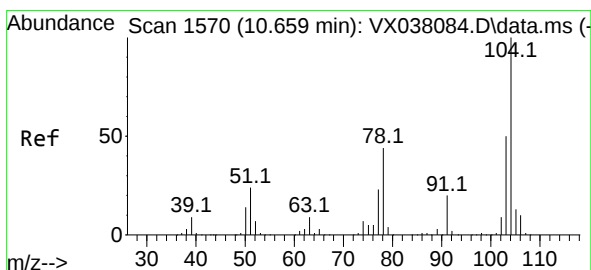
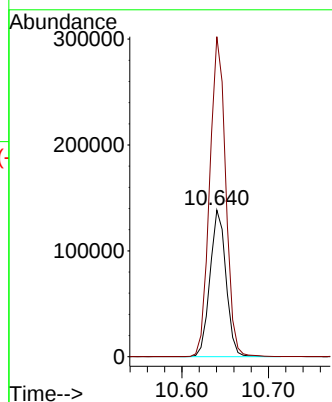
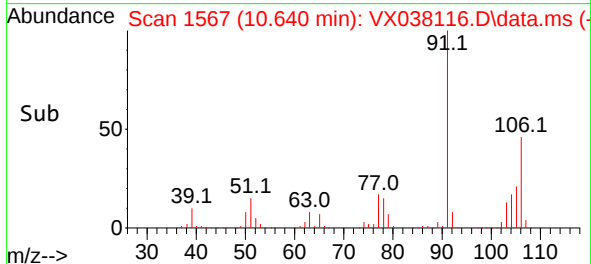
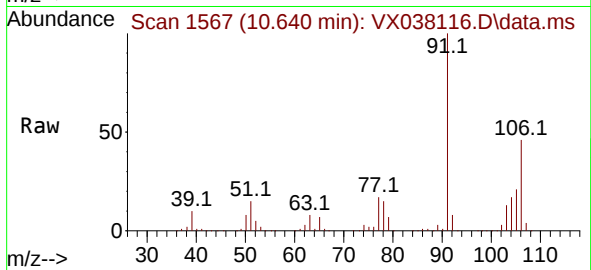
#69
o-Xylene
Concen: 51.857 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 17765
Ion Ratio Lower Upper
106 100
91 218.1 108.9 326.8

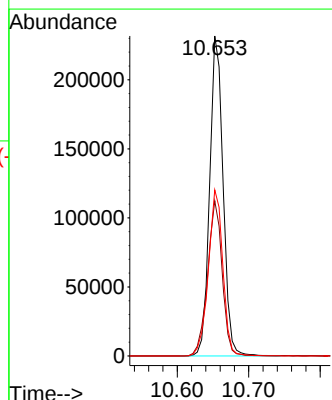
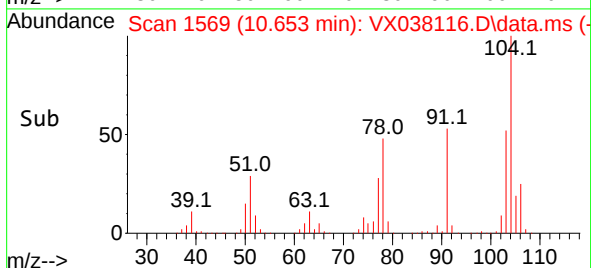
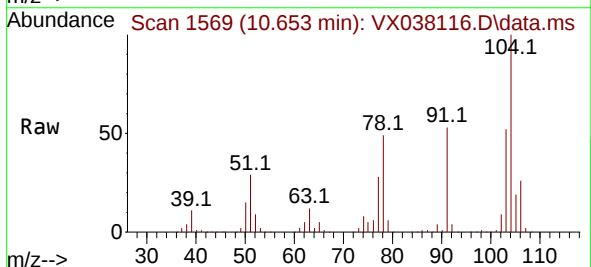
Manual Integrations
APPROVED

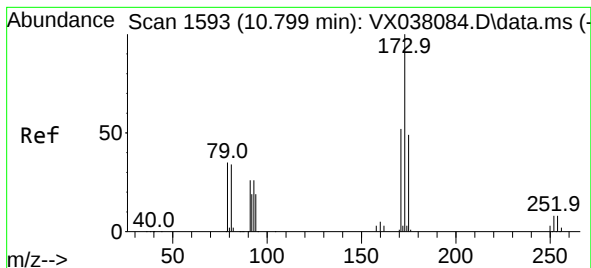
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#70
Styrene
Concen: 54.221 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.007 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

Tgt Ion:104 Resp: 302510
Ion Ratio Lower Upper
104 100
78 52.9 43.6 65.4
103 55.9 43.6 65.4





#71

Bromoform

Concen: 49.056 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX038116.D

Acq: 06 Oct 2023 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

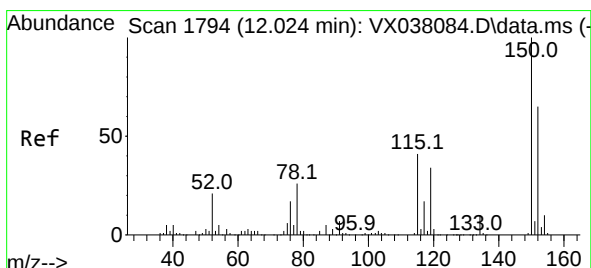
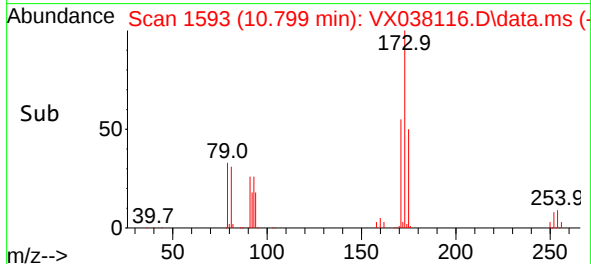
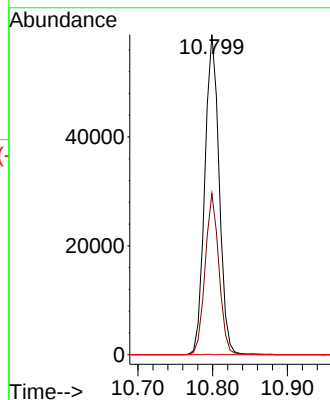
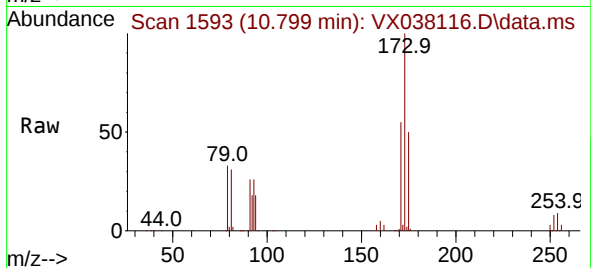
Tgt Ion:173	Resp:	78172
Ion Ratio	Lower	Upper
173	100	
175	48.6	24.1 72.4
254	0.1	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

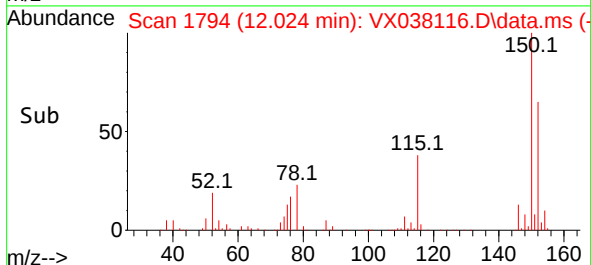
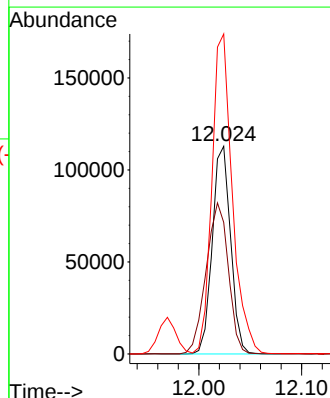
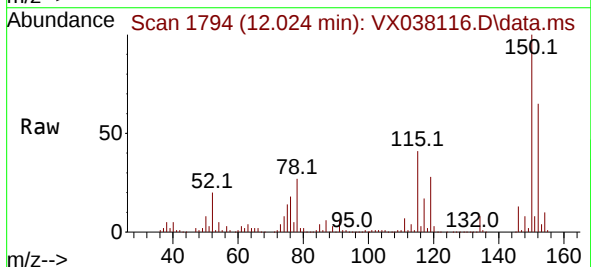
RT: 12.024 min Scan# 1794

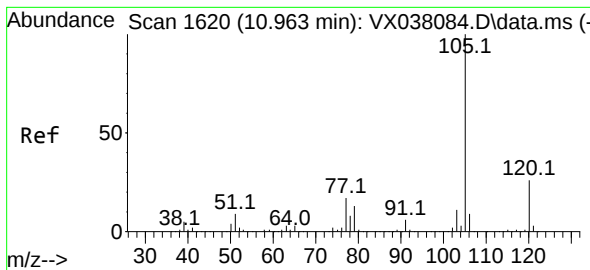
Delta R.T. 0.000 min

Lab File: VX038116.D

Acq: 06 Oct 2023 09:24

Tgt Ion:152	Resp:	139440
Ion Ratio	Lower	Upper
152	100	
115	88.7	43.3 129.9
150	171.5	0.0 345.0





#73

Isopropylbenzene

Concen: 50.824 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX038116.D

Acq: 06 Oct 2023 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 475269

Ion Ratio Lower Upper

105 100

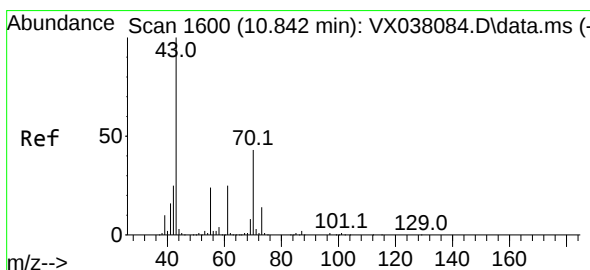
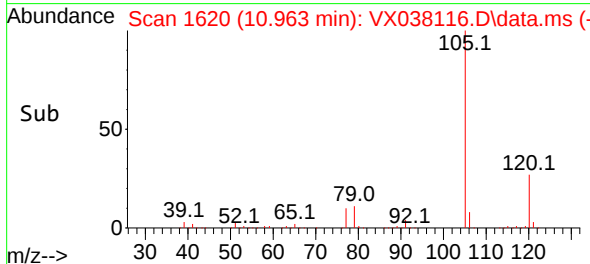
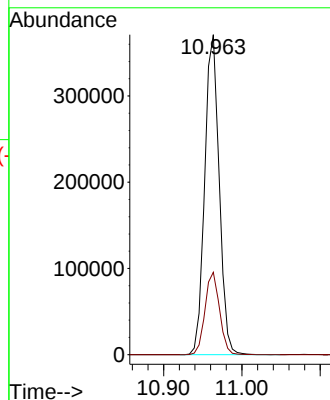
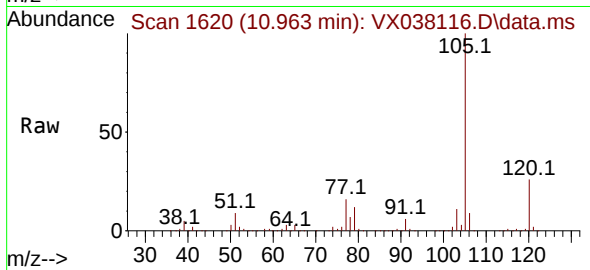
120 25.8 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#74

N-ethyl acetate

Concen: 53.343 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.001 min

Lab File: VX038116.D

Acq: 06 Oct 2023 09:24

Tgt Ion: 43 Resp: 213017

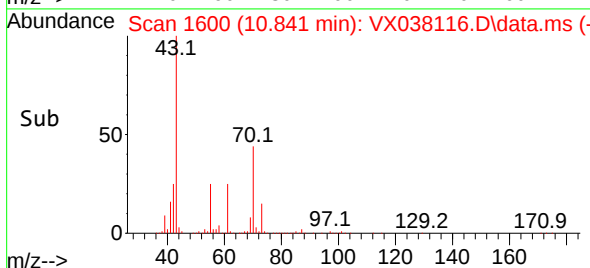
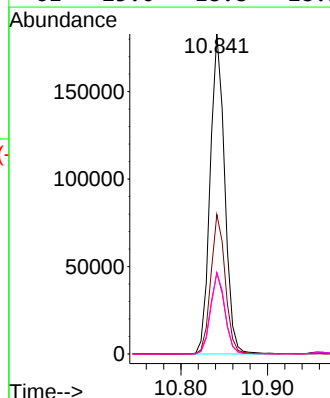
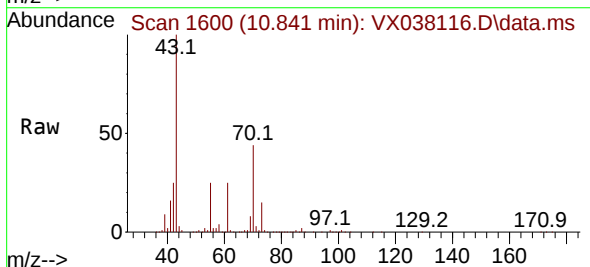
Ion Ratio Lower Upper

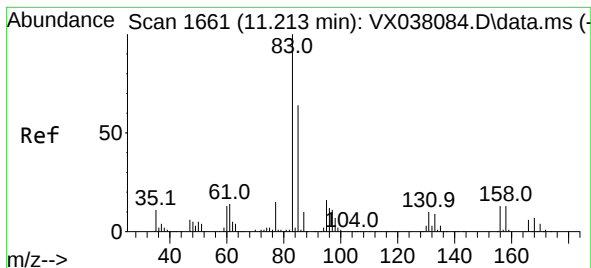
43 100

70 43.4 32.9 49.3

55 25.1 19.3 28.9

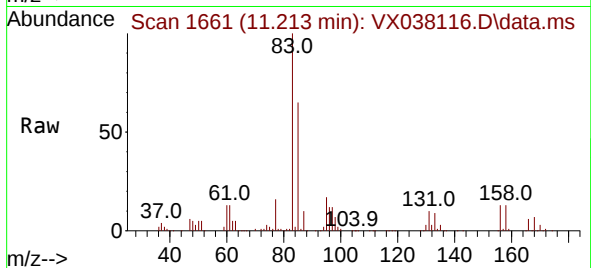
61 25.0 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 51.779 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

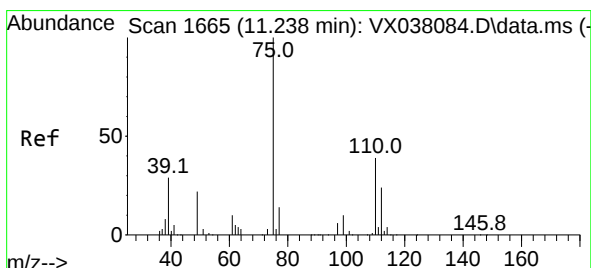
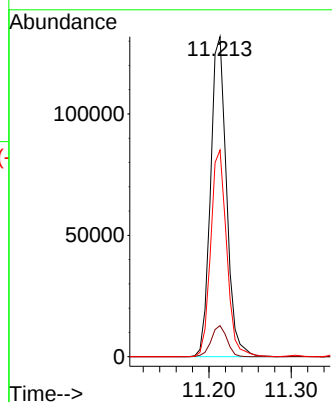
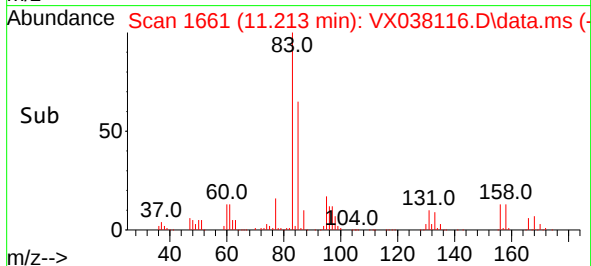
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



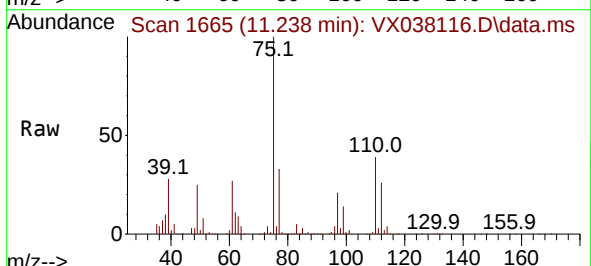
Tgt Ion: 83 Resp: 177674
Ion Ratio Lower Upper
83 100
131 9.6 5.3 15.8
85 64.7 32.0 96.2

Manual Integrations
APPROVED

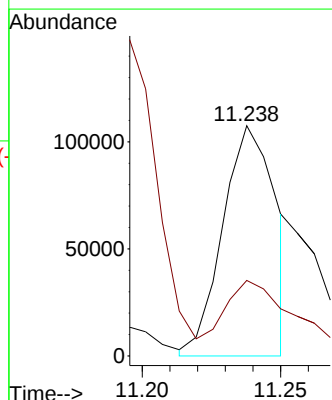
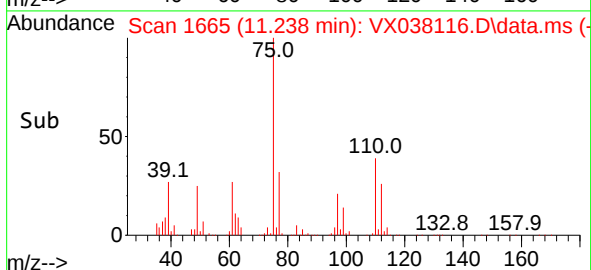
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

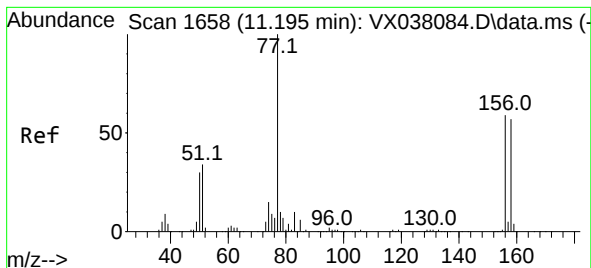


#76
1,2,3-Trichloropropane
Concen: 45.167 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24



Tgt Ion: 75 Resp: 143178
Ion Ratio Lower Upper
75 100
77 44.2 19.1 57.5





#77

Bromobenzene

Concen: 50.670 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX038116.D

Acq: 06 Oct 2023 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 11568

Ion Ratio Lower Upper

156 100

77 165.2 88.4 265.3

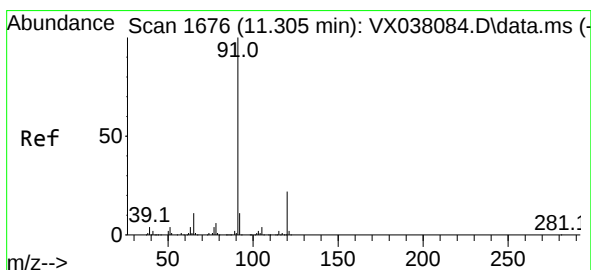
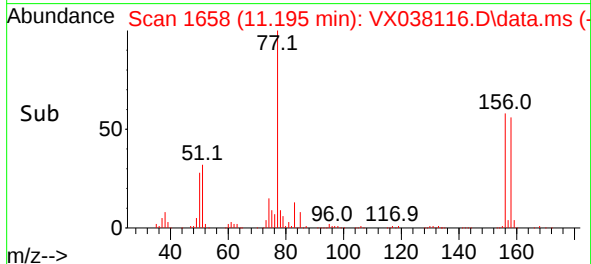
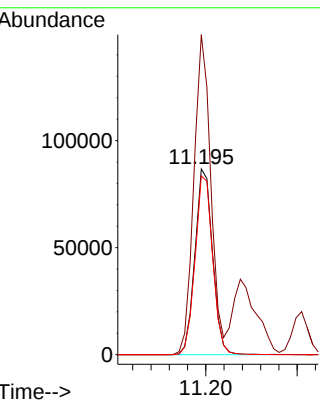
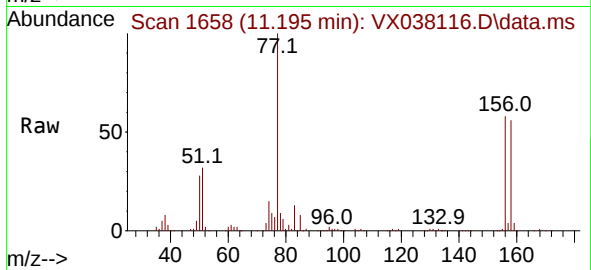
158 96.3 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#78

n-propylbenzene

Concen: 51.658 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX038116.D

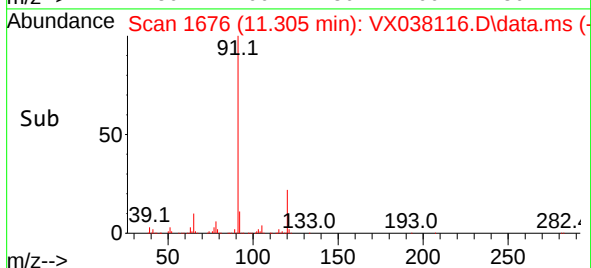
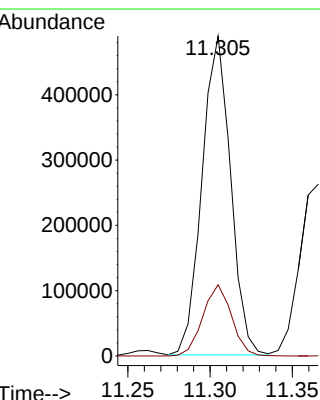
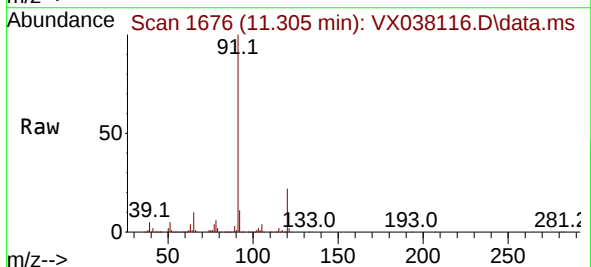
Acq: 06 Oct 2023 09:24

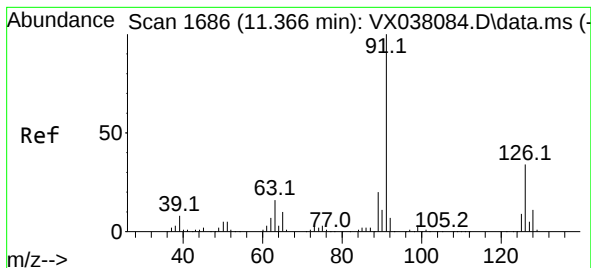
Tgt Ion: 91 Resp: 590669

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4





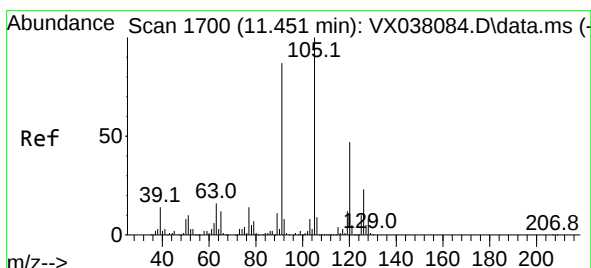
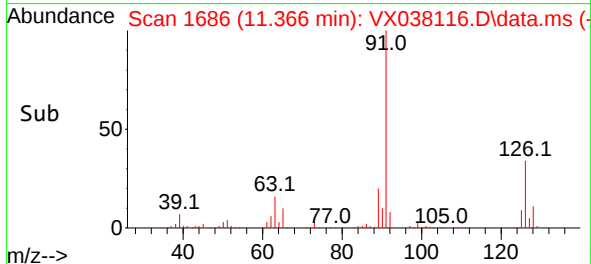
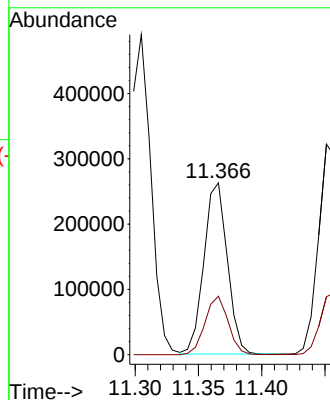
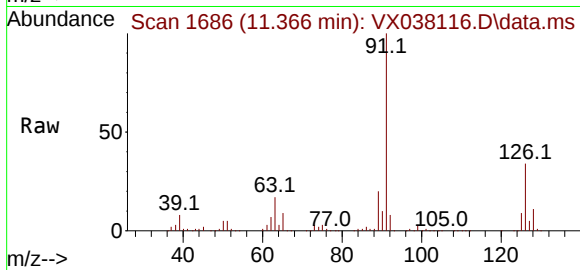
#79
2-Chlorotoluene
Concen: 49.885 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 338272
Ion Ratio Lower Upper
91 100
126 33.6 16.3 48.8

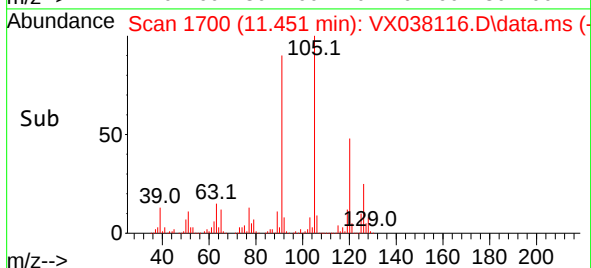
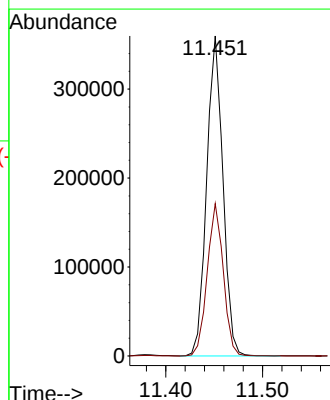
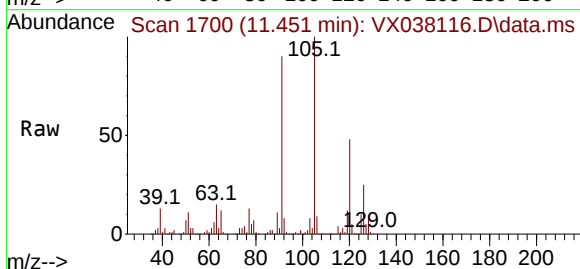
Manual Integrations
APPROVED

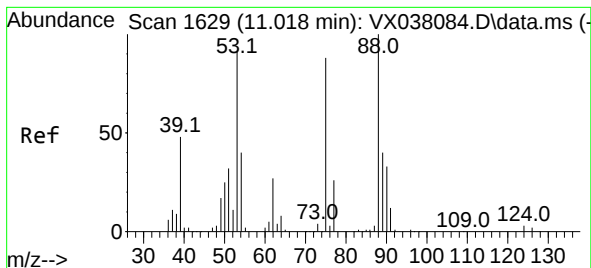
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#80
1,3,5-Trimethylbenzene
Concen: 52.212 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

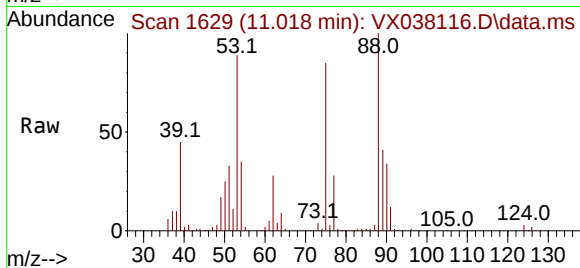
Tgt Ion:105 Resp: 421227
Ion Ratio Lower Upper
105 100
120 47.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 48.046 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

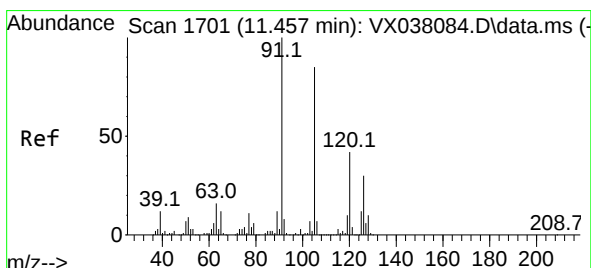
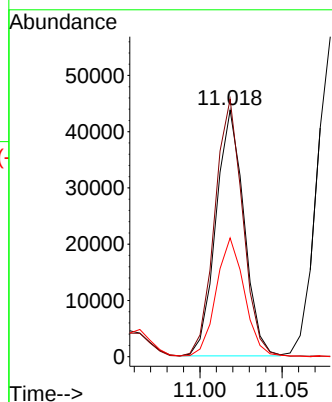
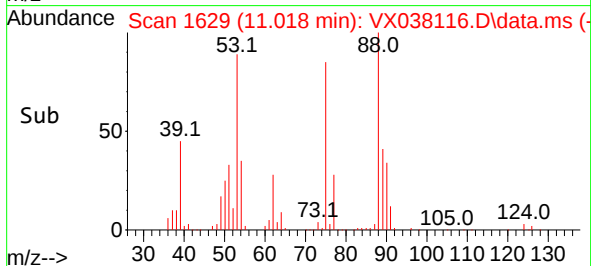
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 51974
Ion Ratio Lower Upper
75 100
53 104.2 90.5 135.7
89 48.6 36.9 55.3

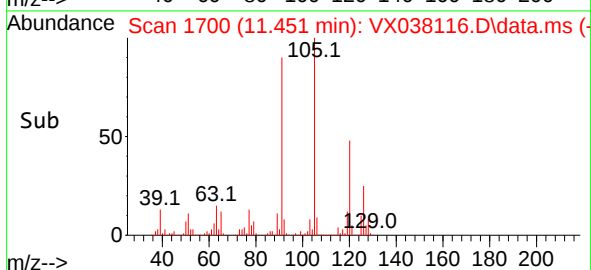
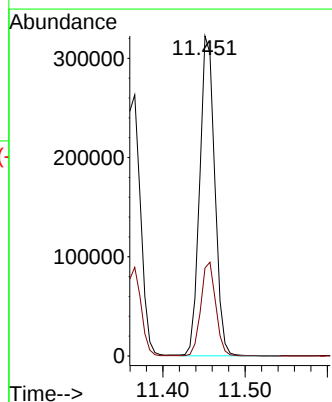
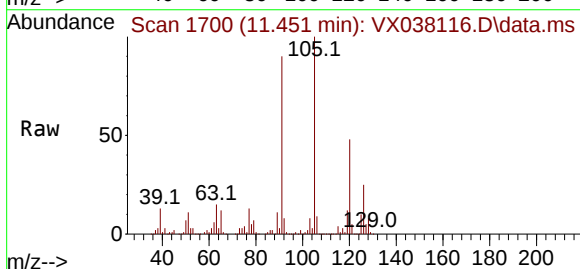
Manual Integrations
APPROVED

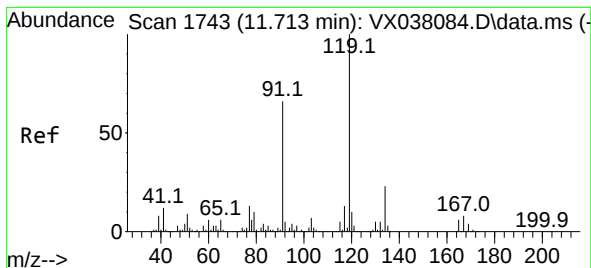
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#82
4-Chlorotoluene
Concen: 51.198 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

Tgt Ion: 91 Resp: 410827
Ion Ratio Lower Upper
91 100
126 29.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 51.461 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038116.D

Acq: 06 Oct 2023 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 405674

Ion Ratio Lower Upper

119 100

91 61.2 31.2 93.6

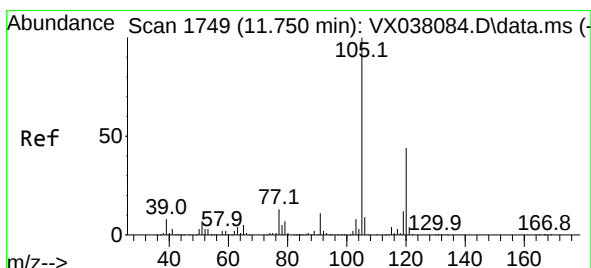
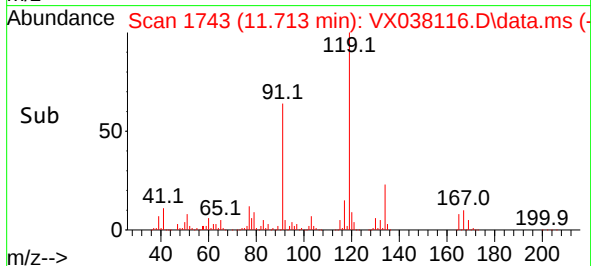
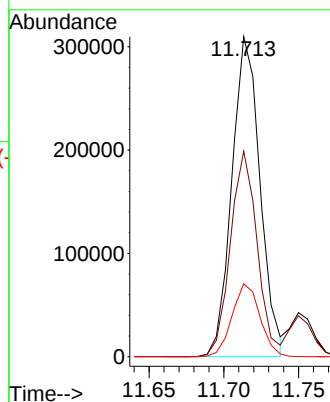
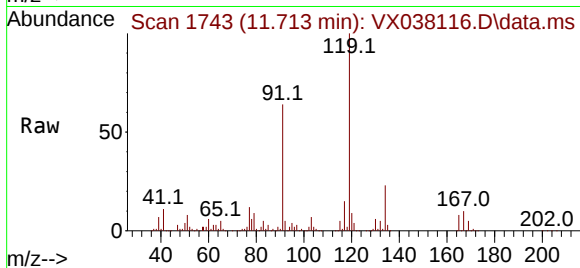
134 22.7 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#84

1,2,4-Trimethylbenzene

Concen: 52.555 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX038116.D

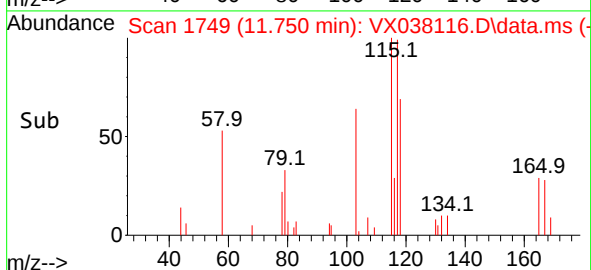
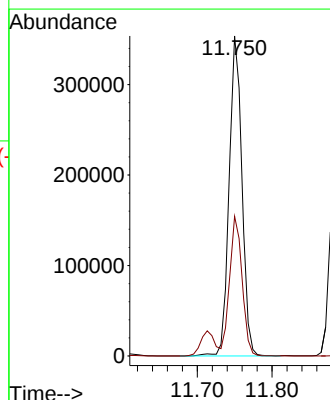
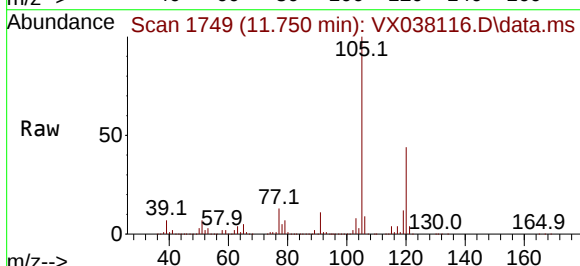
Acq: 06 Oct 2023 09:24

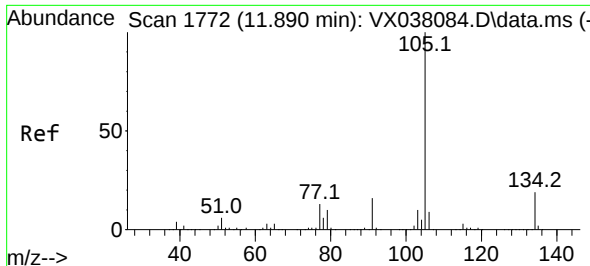
Tgt Ion:105 Resp: 422746

Ion Ratio Lower Upper

105 100

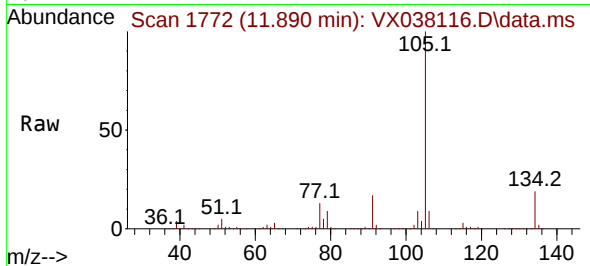
120 42.7 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 52.785 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038116.D
 Acq: 06 Oct 2023 09:24

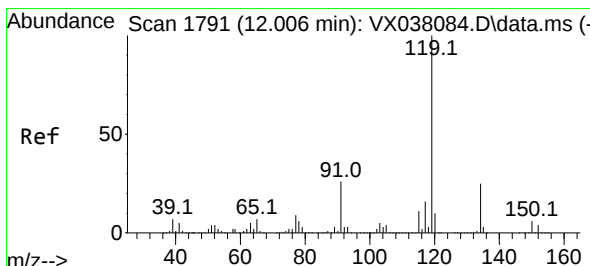
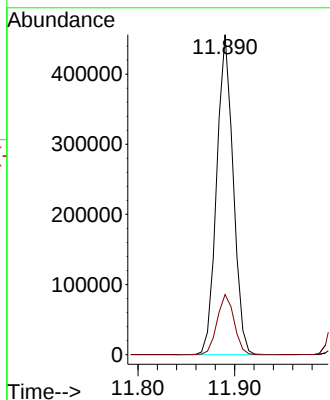
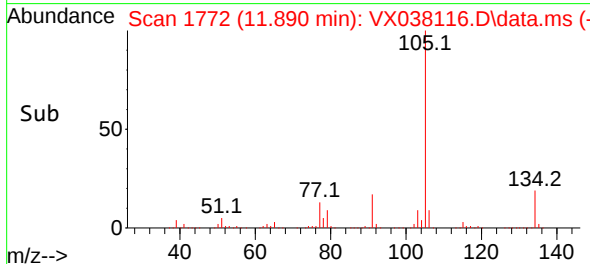
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



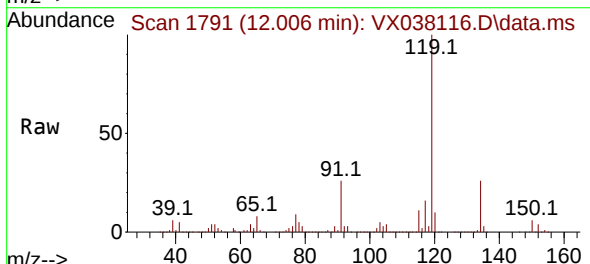
Tgt Ion:105 Resp: 53903
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4

Manual Integrations
 APPROVED

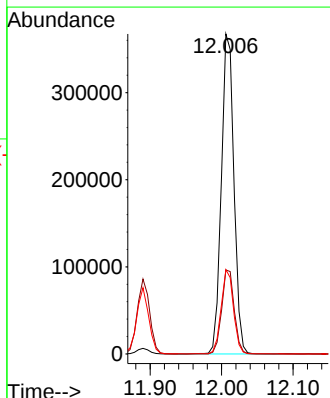
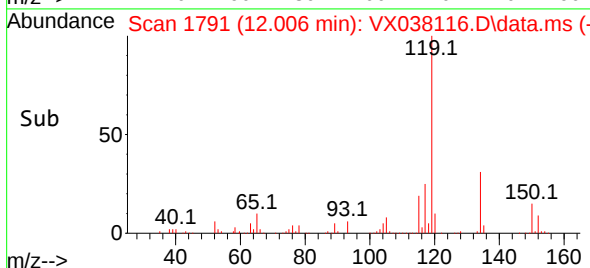
Reviewed By :John Carlone 10/09/2023
 Supervised By :Mahesh Dadoda 10/09/2023

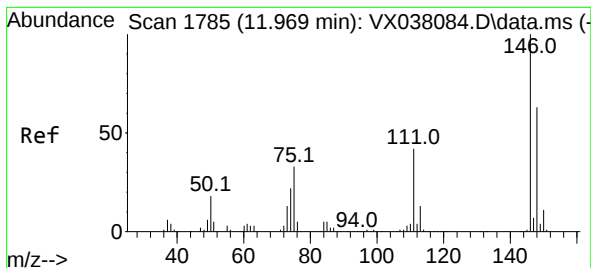


#86
 p-Isopropyltoluene
 Concen: 53.422 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX038116.D
 Acq: 06 Oct 2023 09:24



Tgt Ion:119 Resp: 450088
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.3
 91 25.7 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 51.134 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038116.D

Acq: 06 Oct 2023 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 23448

Ion Ratio Lower Upper

146 100

111 41.1 22.1 66.1

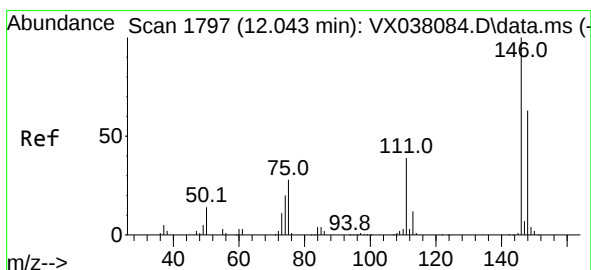
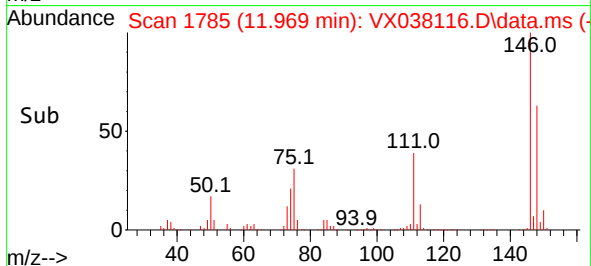
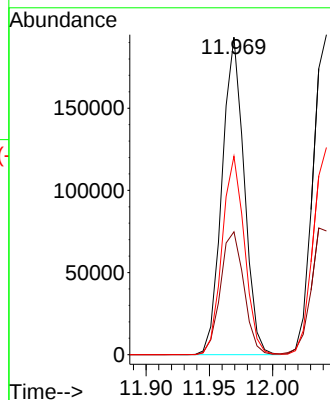
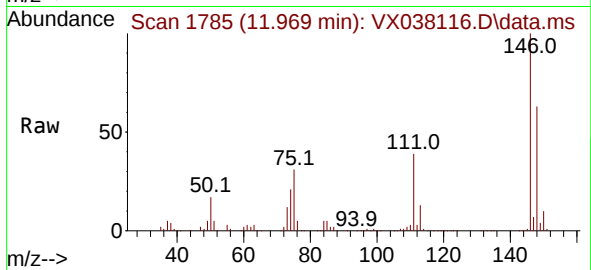
148 63.2 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#88

1,4-Dichlorobenzene

Concen: 51.079 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.001 min

Lab File: VX038116.D

Acq: 06 Oct 2023 09:24

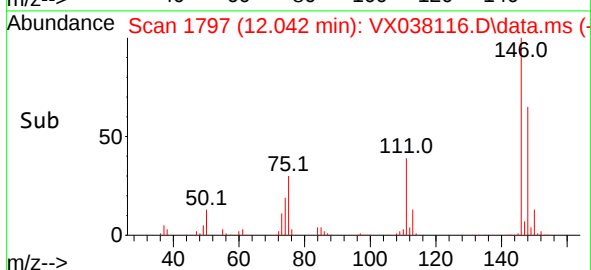
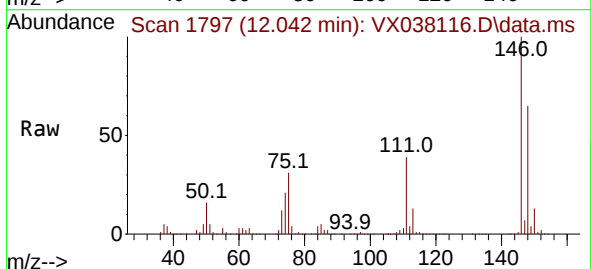
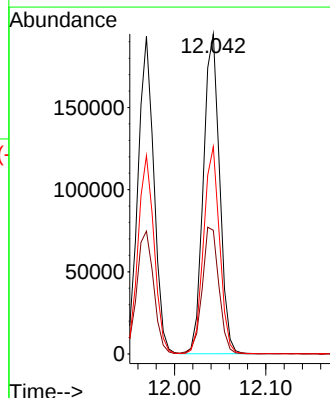
Tgt Ion:146 Resp: 239130

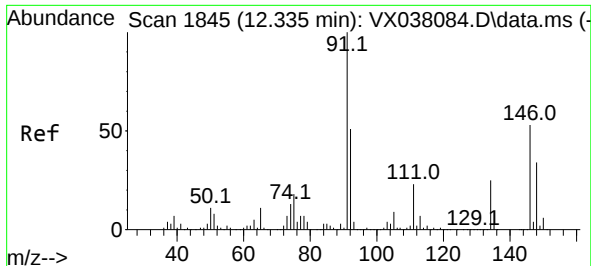
Ion Ratio Lower Upper

146 100

111 40.8 21.3 63.7

148 63.9 31.8 95.4





#89

n-Butylbenzene

Concen: 53.503 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038116.D

Acq: 06 Oct 2023 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 448930

Ion Ratio Lower Upper

91 100

92 51.9 27.4 82.0

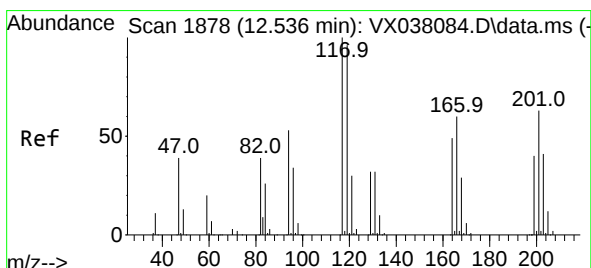
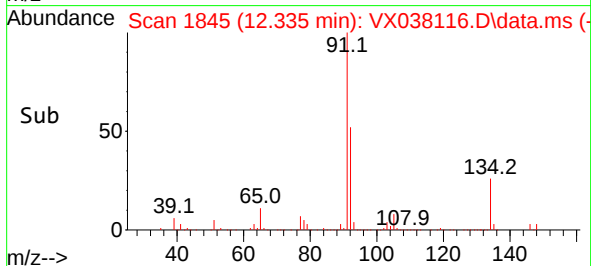
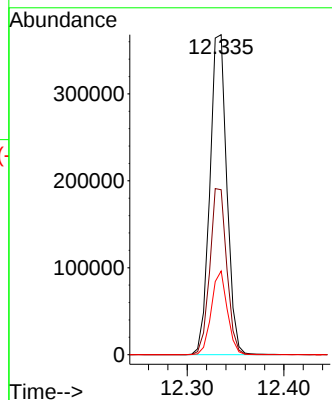
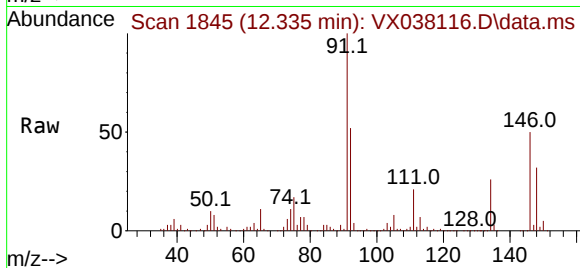
134 24.6 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#90

Hexachloroethane

Concen: 54.514 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038116.D

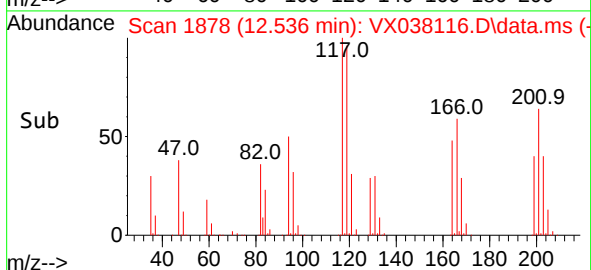
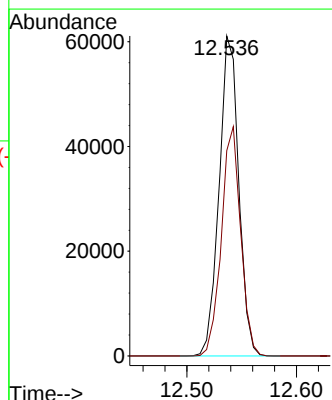
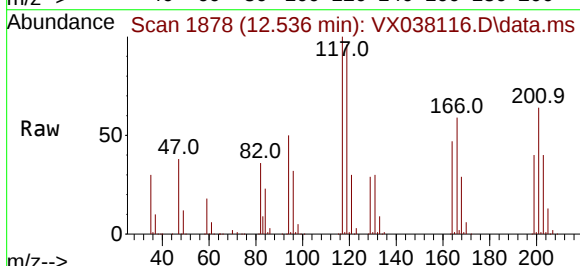
Acq: 06 Oct 2023 09:24

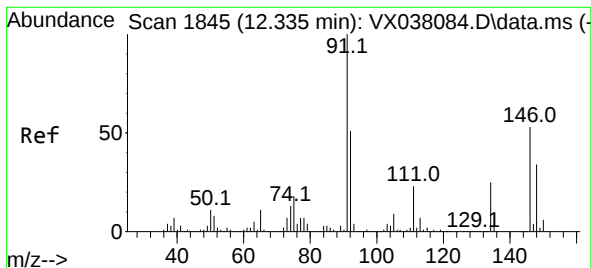
Tgt Ion:117 Resp: 76152

Ion Ratio Lower Upper

117 100

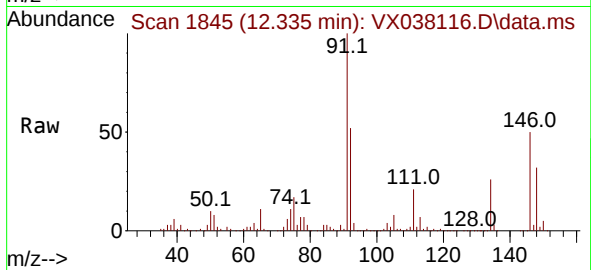
201 70.3 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 52.280 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

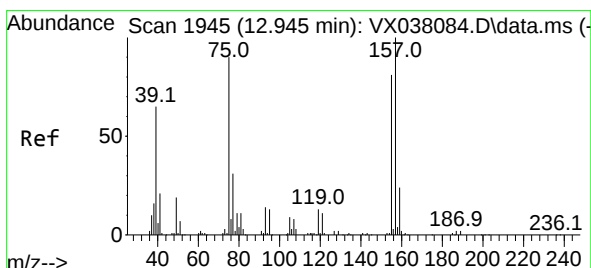
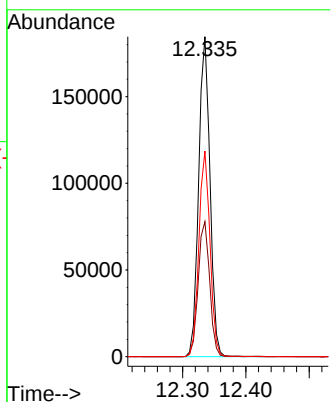
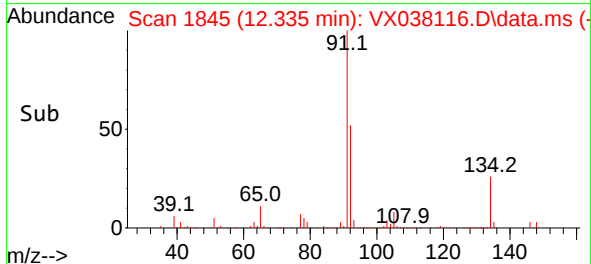
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



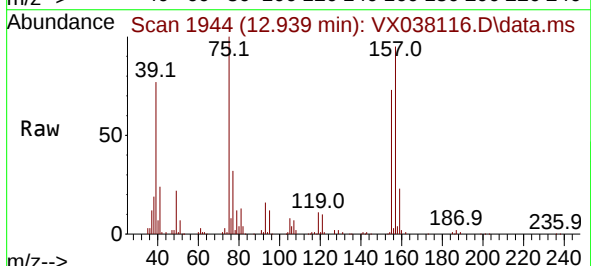
Tgt Ion:146 Resp: 23044
Ion Ratio Lower Upper
146 100
111 42.8 22.4 67.0
148 63.1 31.6 95.0

Manual Integrations
APPROVED

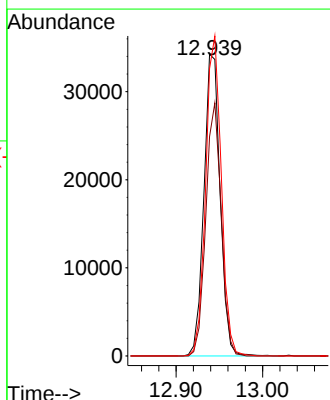
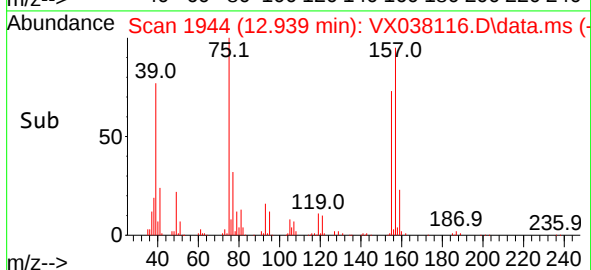
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

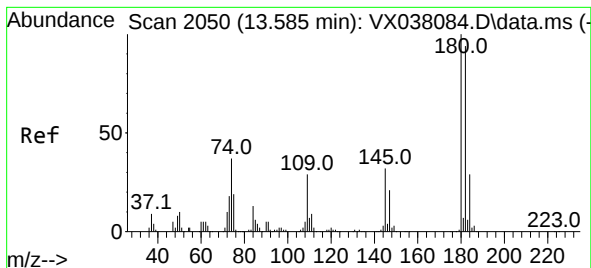


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.610 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24



Tgt Ion: 75 Resp: 44477
Ion Ratio Lower Upper
75 100
155 80.0 36.1 108.5
157 102.3 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 52.108 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX038116.D

Acq: 06 Oct 2023 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

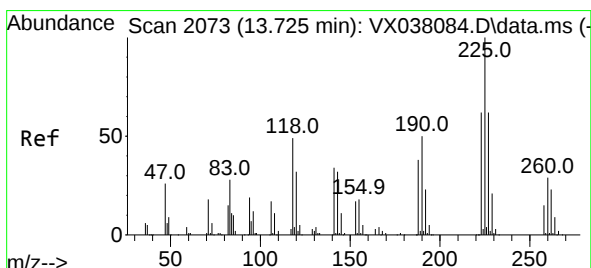
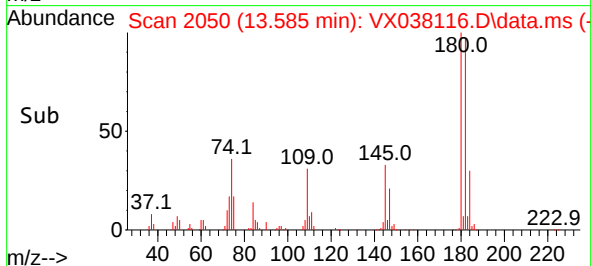
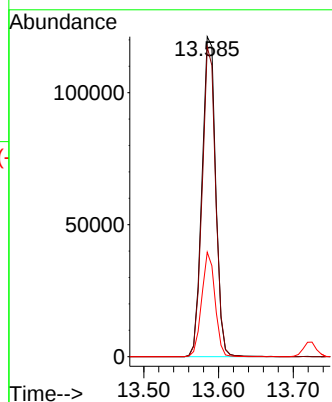
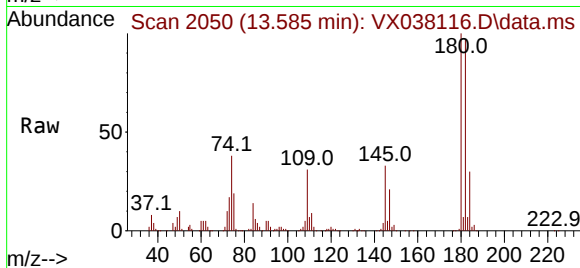
Tgt Ion:	180	Resp:	15405
Ion Ratio	Lower	Upper	
180	100		
182	95.2	48.3	144.8
145	31.7	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#94

Hexachlorobutadiene

Concen: 52.740 ug/l

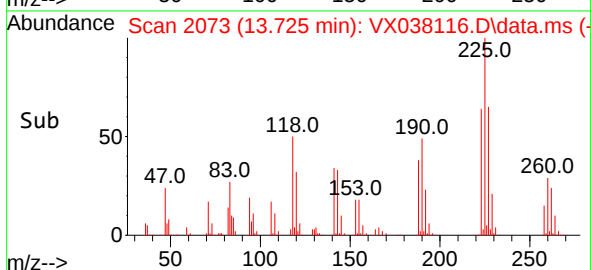
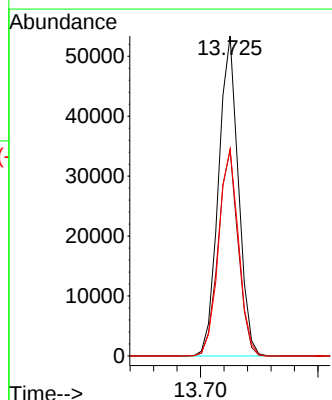
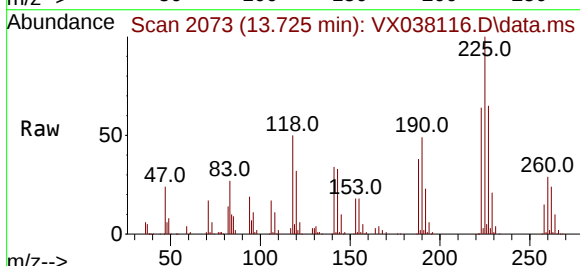
RT: 13.725 min Scan# 2073

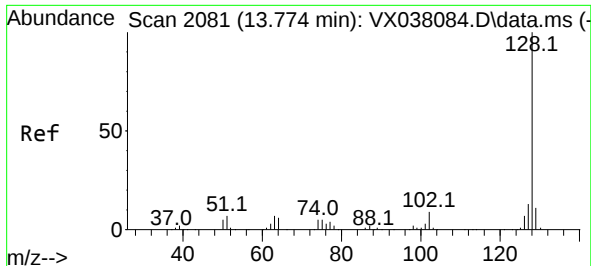
Delta R.T. 0.000 min

Lab File: VX038116.D

Acq: 06 Oct 2023 09:24

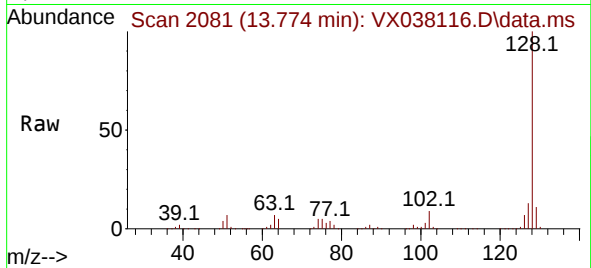
Tgt Ion:	225	Resp:	62755
Ion Ratio	Lower	Upper	
225	100		
223	64.4	31.1	93.2
227	65.1	32.5	97.5





#95
Naphthalene
Concen: 51.061 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24

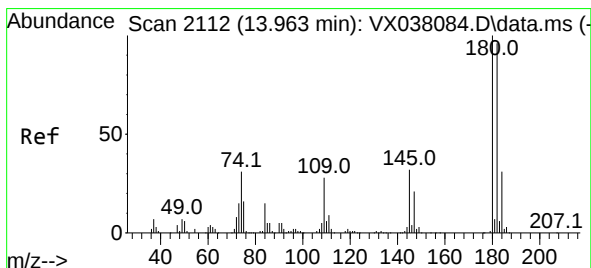
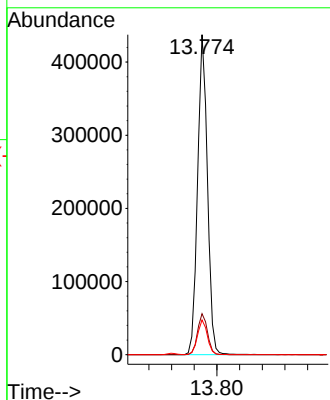
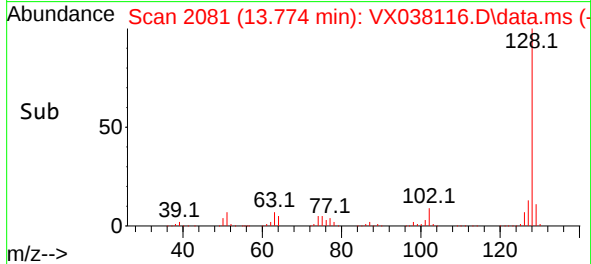
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



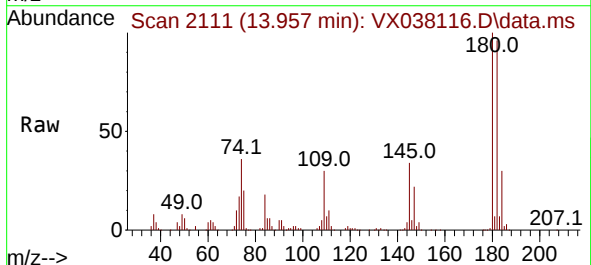
Tgt Ion:128 Resp: 525697
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#96
1,2,3-Trichlorobenzene
Concen: 51.824 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX038116.D
Acq: 06 Oct 2023 09:24



Tgt Ion:180 Resp: 148348
Ion Ratio Lower Upper
180 100
182 94.8 46.9 140.6
145 32.9 17.8 53.5

