

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022223\
 Data File : VX034218.D
 Acq On : 22 Feb 2023 10:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/23/2023
 Supervised By : Mahesh Dadoda 02/23/2023

Quant Time: Feb 23 01:25:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	333521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	542757	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	499552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	253863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	205852	45.829	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.660%		
35) Dibromofluoromethane	5.379	113	174244	49.307	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.620%		
50) Toluene-d8	8.647	98	660299	52.042	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	104.080%		
62) 4-Bromofluorobenzene	11.079	95	266181	54.847	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	142004	49.273	ug/l	97
3) Chloromethane	1.301	50	197345	47.584	ug/l	99
4) Vinyl Chloride	1.374	62	198663	52.598	ug/l	100
5) Bromomethane	1.599	94	90339	65.083	ug/l	99
6) Chloroethane	1.685	64	110667	58.282	ug/l	99
7) Trichlorofluoromethane	1.886	101	287879	56.337	ug/l	99
8) Diethyl Ether	2.136	74	109902	53.386	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	168506	46.825	ug/l	94
10) Methyl Iodide	2.453	142	201370	45.958	ug/l	94
11) Tert butyl alcohol	2.953	59	213571	212.585	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	161284	44.709	ug/l	95
13) Acrolein	2.233	56	104338	227.516	ug/l	100
14) Allyl chloride	2.660	41	330698	43.216	ug/l	88
15) Acrylonitrile	3.063	53	522397	238.359	ug/l	99
16) Acetone	2.374	43	496598	214.323	ug/l	92
17) Carbon Disulfide	2.508	76	443386	42.750	ug/l	99
18) Methyl Acetate	2.703	43	342992	47.840	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	603979	47.438	ug/l	97
20) Methylene Chloride	2.788	84	188115	45.058	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	176367	46.657	ug/l	99
22) Diisopropyl ether	3.758	45	678000	50.539	ug/l	95
23) Vinyl Acetate	3.721	43	2650452	246.595	ug/l	100
24) 1,1-Dichloroethane	3.605	63	337875	45.877	ug/l	99
25) 2-Butanone	4.550	43	768585	229.251	ug/l	98
26) 2,2-Dichloropropane	4.471	77	294697	44.172	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	213666	47.734	ug/l	96
28) Bromochloromethane	4.898	49	155105	47.211	ug/l	88
29) Tetrahydrofuran	5.001	42	487517	238.369	ug/l	99
30) Chloroform	5.093	83	341267	48.257	ug/l	100
31) Cyclohexane	5.471	56	314964	46.966	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	291791	46.028	ug/l	100
36) 1,1-Dichloropropene	5.690	75	252513	48.316	ug/l	99
37) Ethyl Acetate	4.709	43	295303	50.558	ug/l	99
38) Carbon Tetrachloride	5.678	117	256642	47.721	ug/l	100
39) Methylcyclohexane	7.379	83	325335	48.373	ug/l	99
40) Benzene	6.038	78	760947	49.132	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	161977	49.774	ug/l	98
42) 1,2-Dichloroethane	6.086	62	265855	48.806	ug/l	99
43) Isopropyl Acetate	6.336	43	510016	49.482	ug/l	99
44) Trichloroethene	7.123	130	197300	49.641	ug/l	97
45) 1,2-Dichloropropane	7.428	63	204079	49.498	ug/l	99
46) Dibromomethane	7.580	93	136173	50.185	ug/l	88
47) Bromodichloromethane	7.818	83	274679	49.327	ug/l	97
48) Methyl methacrylate	7.690	41	240668	49.195	ug/l	98
49) 1,4-Dioxane	7.653	88	93047	953.561	ug/l #	98
51) 4-Methyl-2-Pentanone	8.574	43	1505728	265.525	ug/l	99
52) Toluene	8.714	92	483864	51.560	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	327525	51.098	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	338535	49.335	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	199947	52.785	ug/l	99
56) Ethyl methacrylate	9.116	69	333390	52.027	ug/l	97
57) 1,3-Dichloropropane	9.305	76	342100	51.908	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	703954	253.596	ug/l	95
59) 2-Hexanone	9.427	43	1164116	269.364	ug/l	98
60) Dibromochloromethane	9.519	129	221937	53.025	ug/l	99
61) 1,2-Dibromoethane	9.610	107	209495	52.293	ug/l	98
64) Tetrachloroethene	9.275	164	167974	47.642	ug/l	96
65) Chlorobenzene	10.080	112	521356	50.067	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	199983	49.609	ug/l	98
67) Ethyl Benzene	10.195	91	940330	50.264	ug/l	100
68) m/p-Xylenes	10.299	106	735575	102.745	ug/l	96
69) o-Xylene	10.640	106	362634	50.879	ug/l	95
70) Styrene	10.653	104	611245	52.731	ug/l	96
71) Bromoform	10.799	173	167979	51.050	ug/l	100
73) Isopropylbenzene	10.964	105	946770	48.935	ug/l	100
74) N-amyl acetate	10.842	43	482205	49.609	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	321777	48.626	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	268744m	42.071	ug/l	
77) Bromobenzene	11.195	156	228831	49.148	ug/l	83
78) n-propylbenzene	11.305	91	1124524	49.975	ug/l	97
79) 2-Chlorotoluene	11.366	91	677231	49.084	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	799001	49.119	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	116481	46.843	ug/l	92
82) 4-Chlorotoluene	11.451	91	780467	49.664	ug/l	96
83) tert-Butylbenzene	11.713	119	804719	48.303	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	816195	49.625	ug/l	97
85) sec-Butylbenzene	11.890	105	1021289	50.481	ug/l	98
86) p-Isopropyltoluene	12.006	119	842935	50.344	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	439794	50.366	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	437579	49.683	ug/l	96
89) n-Butylbenzene	12.329	91	765558	51.336	ug/l	98
90) Hexachloroethane	12.536	117	169308	48.363	ug/l	80
91) 1,2-Dichlorobenzene	12.335	146	426362	49.905	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	71190	45.114	ug/l	76
93) 1,2,4-Trichlorobenzene	13.585	180	272014	49.592	ug/l	98
94) Hexachlorobutadiene	13.725	225	111282	48.941	ug/l	99
95) Naphthalene	13.774	128	893572	48.360	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	269764	49.540	ug/l	99

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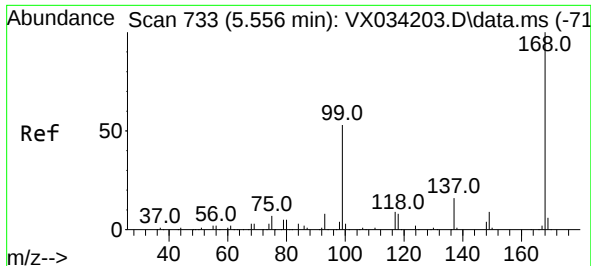
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
Response via : Initial Calibration

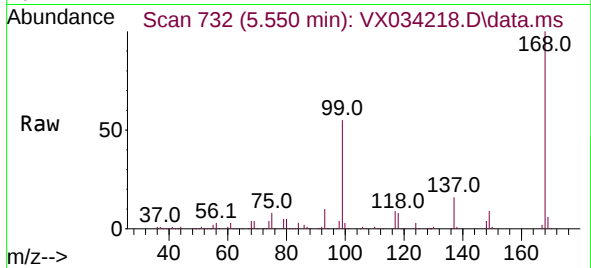
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034218.D
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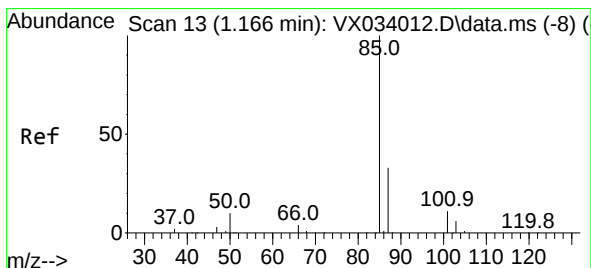
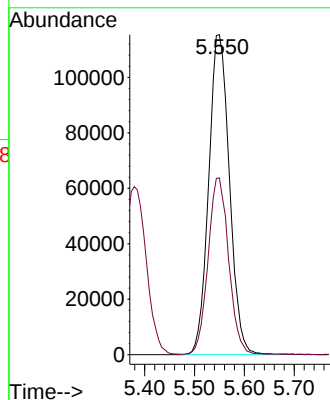
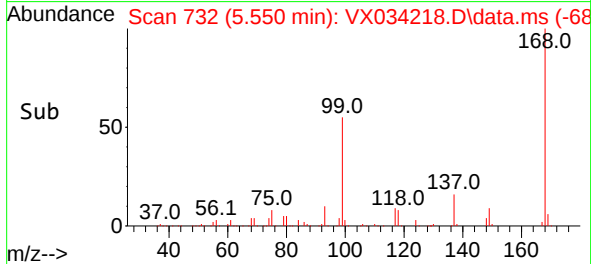
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 33352
Ion Ratio Lower Upper
168 100
99 55.1 39.6 59.4

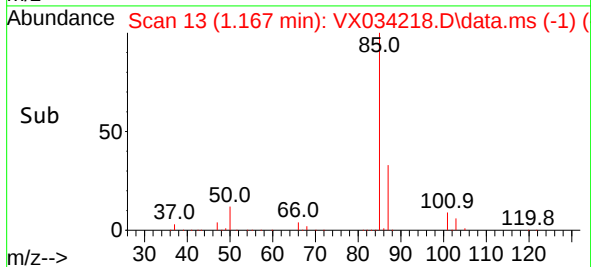
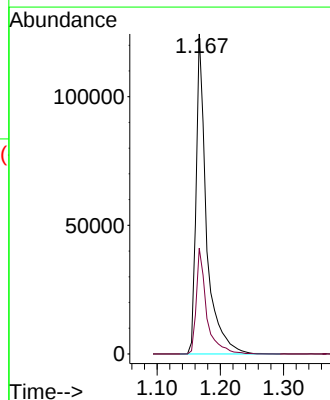
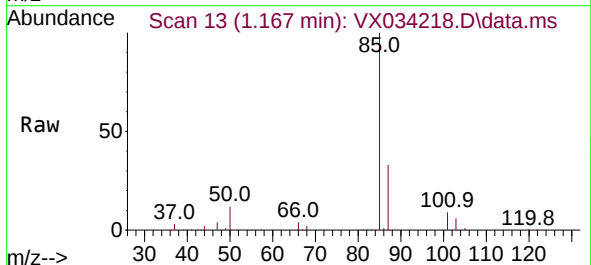
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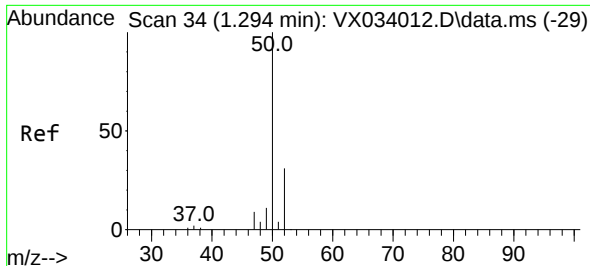
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#2
Dichlorodifluoromethane
Concen: 49.273 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

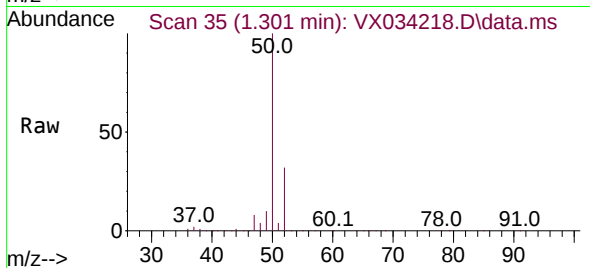
Tgt Ion: 85 Resp: 142004
Ion Ratio Lower Upper
85 100
87 33.0 15.8 47.4





#3
Chloromethane
Concen: 47.584 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

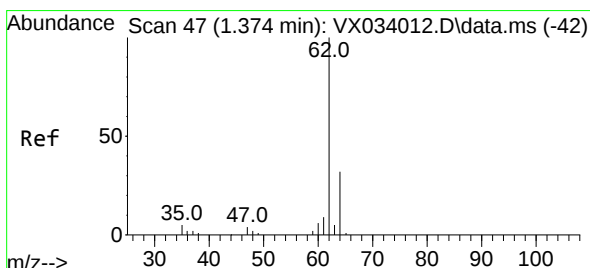
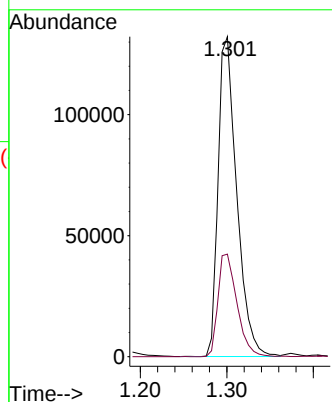
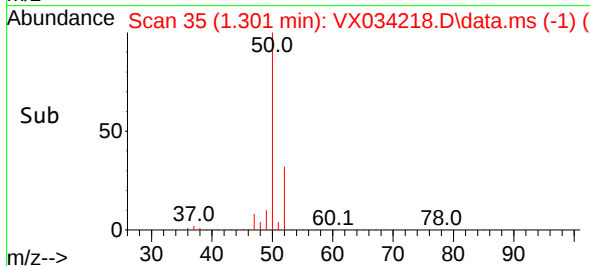
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Tgt Ion: 50 Resp: 197345
Ion Ratio Lower Upper
50 100
52 32.1 25.2 37.8

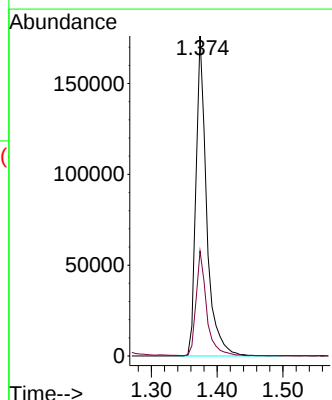
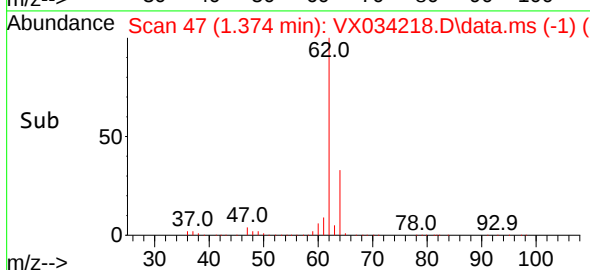
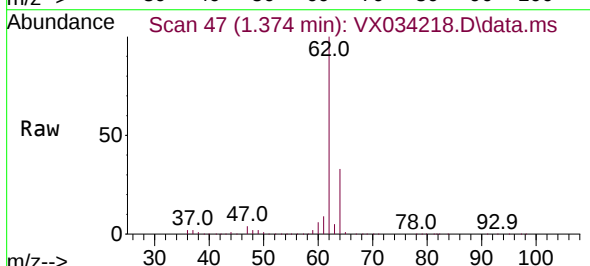
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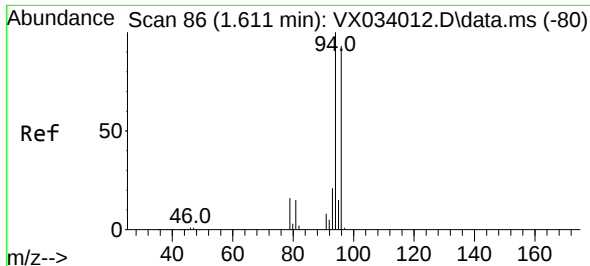
Reviewed By :John Carlone 02/23/2023
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#4
Vinyl Chloride
Concen: 52.598 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

Tgt Ion: 62 Resp: 198663
Ion Ratio Lower Upper
62 100
64 32.8 26.2 39.4





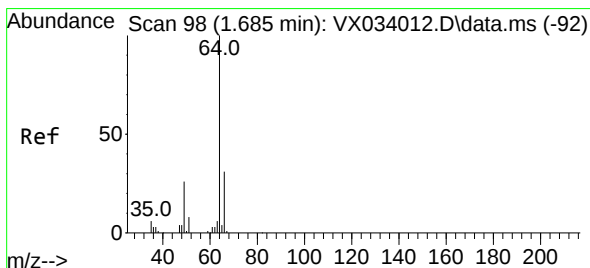
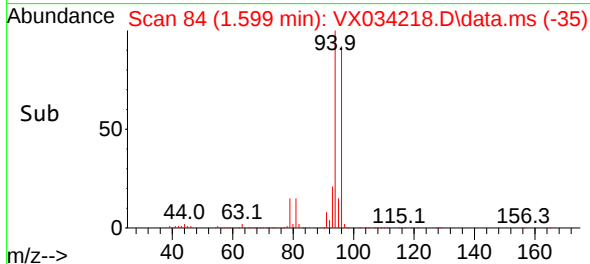
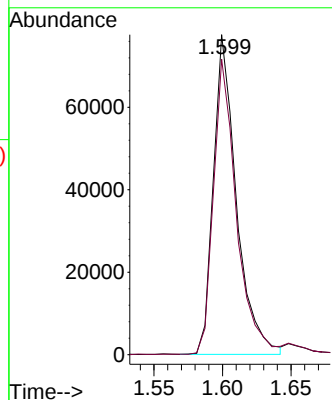
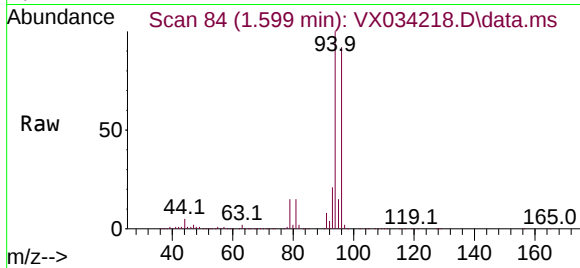
#5
Bromomethane
Concen: 65.083 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 90339
Ion Ratio Lower Upper
94 100
96 92.3 74.3 111.5

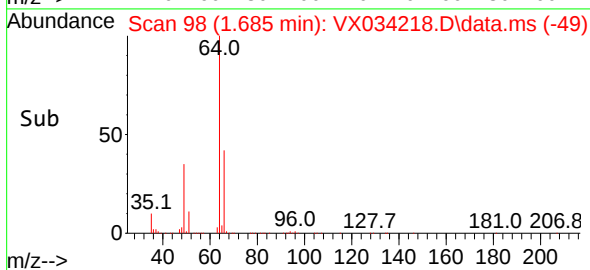
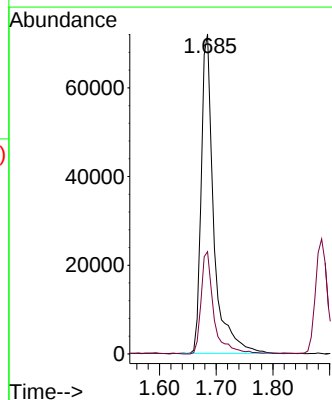
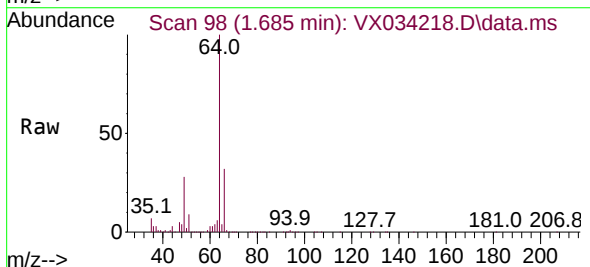
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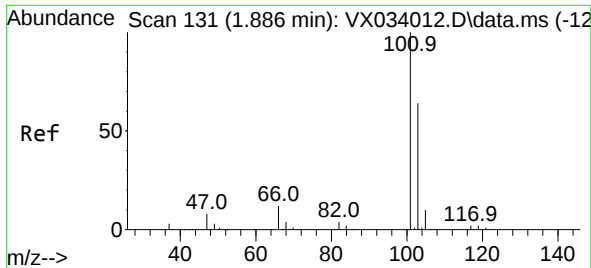
Reviewed By :John Carlone 02/23/2023
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#6
Chloroethane
Concen: 58.282 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX034218.D
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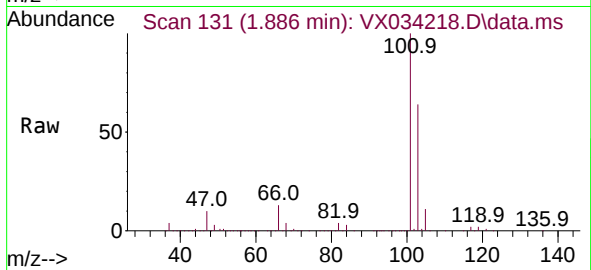
Tgt Ion: 64 Resp: 110667
Ion Ratio Lower Upper
64 100
66 31.9 26.1 39.1





#7
Trichlorofluoromethane
Concen: 56.337 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034218.D
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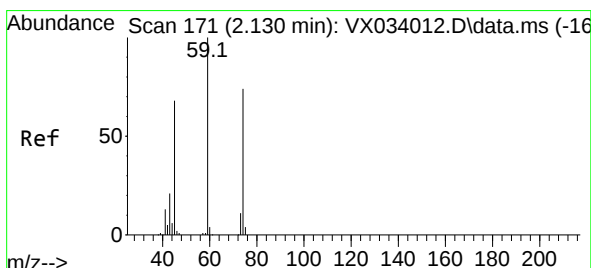
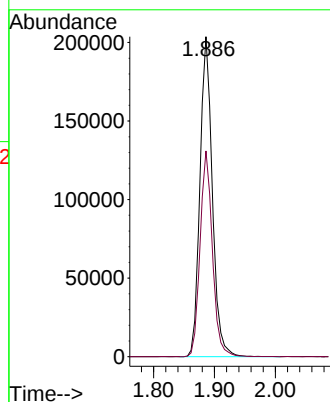
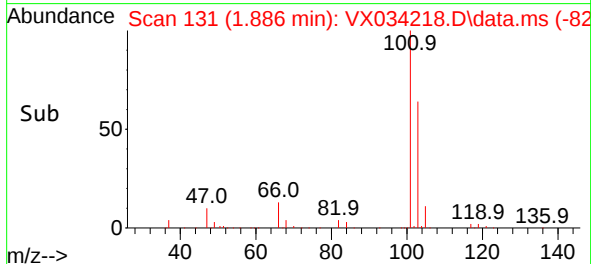
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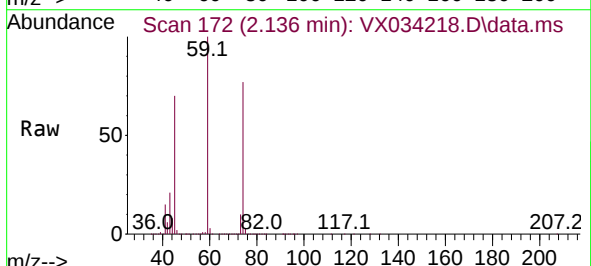
Tgt Ion:101 Resp: 287879
Ion Ratio Lower Upper
101 100
103 64.3 50.6 75.8

Manual Integrations
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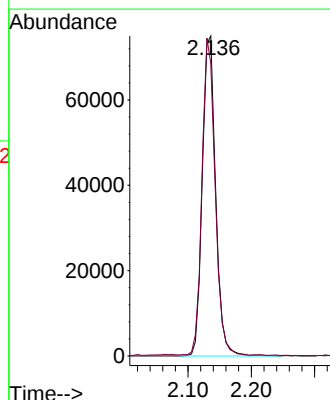
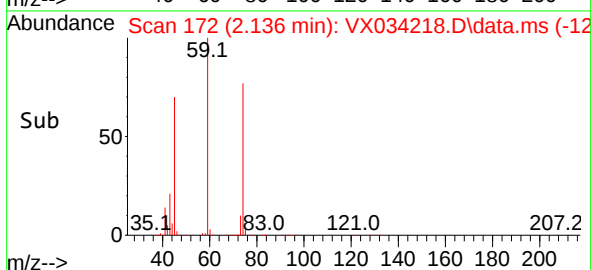
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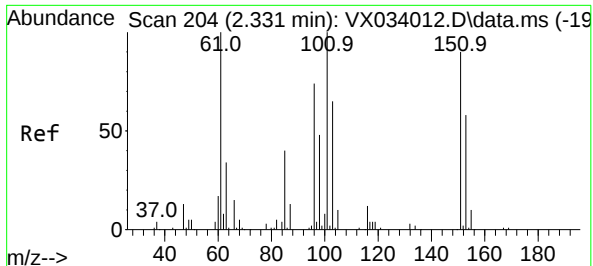


#8
Diethyl Ether
Concen: 53.386 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 109902
Ion Ratio Lower Upper
74 100
45 97.7 51.5 154.5





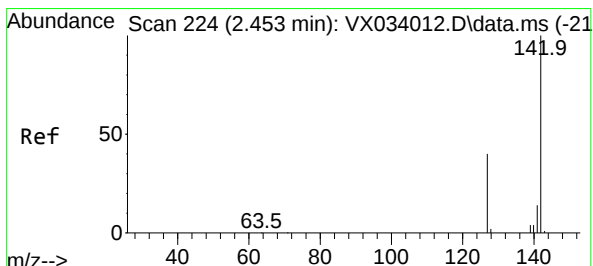
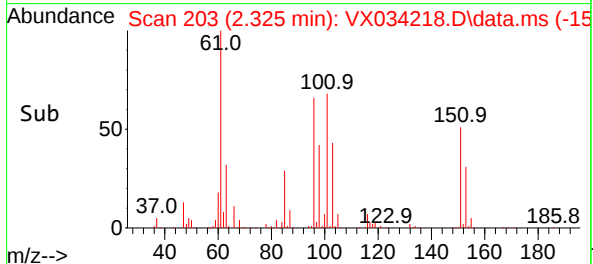
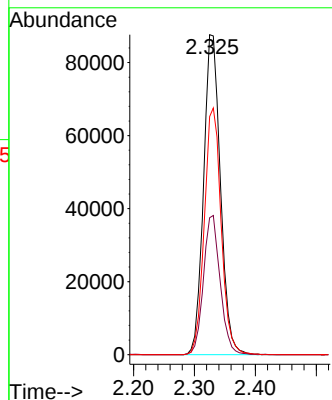
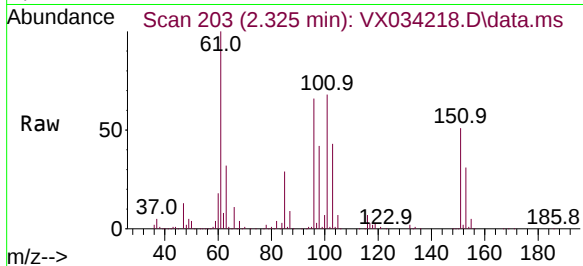
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.825 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 168500
Ion Ratio Lower Upper
101 100
85 43.2 36.7 55.1
151 77.0 66.5 99.7

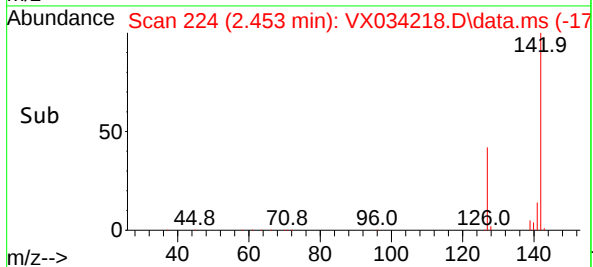
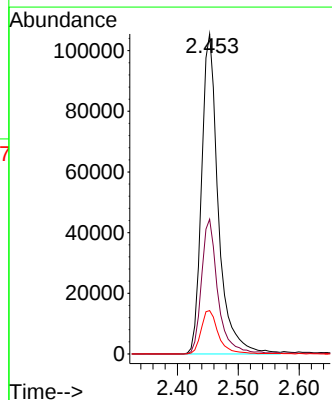
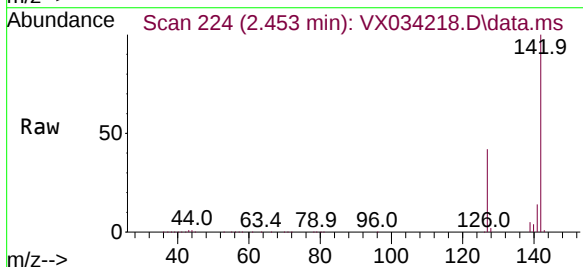
Manual Integrations
APPROVED

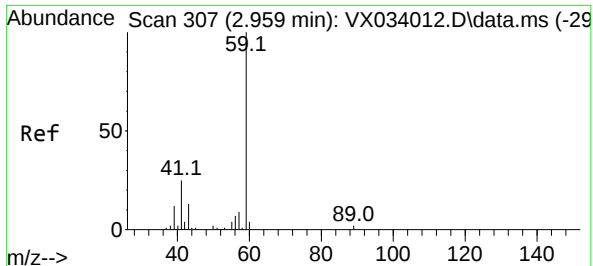
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#10
Methyl Iodide
Concen: 45.958 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

Tgt Ion:142 Resp: 201370
Ion Ratio Lower Upper
142 100
127 41.7 37.3 55.9
141 14.0 11.5 17.3





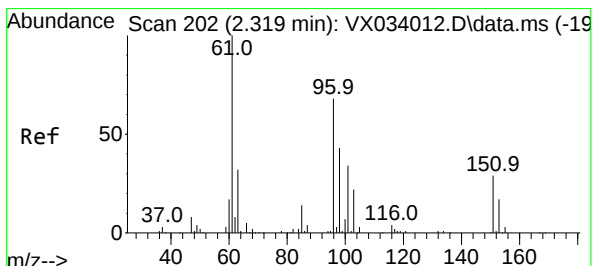
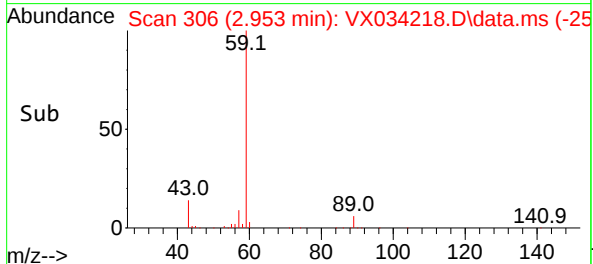
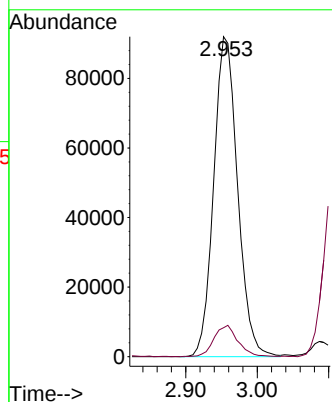
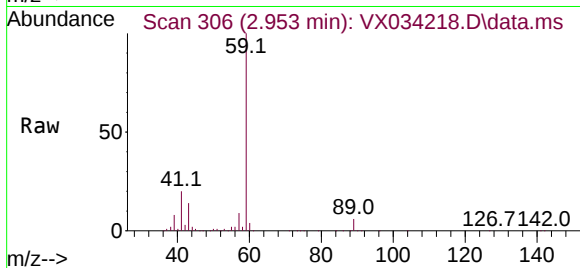
#11
Tert butyl alcohol
Concen: 212.585 ug/l
RT: 2.953 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 21357
Ion Ratio Lower Upper
59 100
57 9.9 3.7 5.5

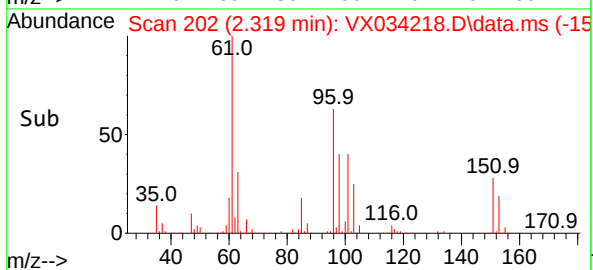
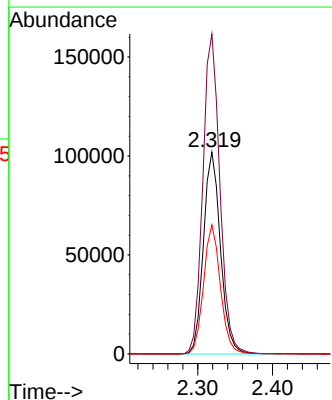
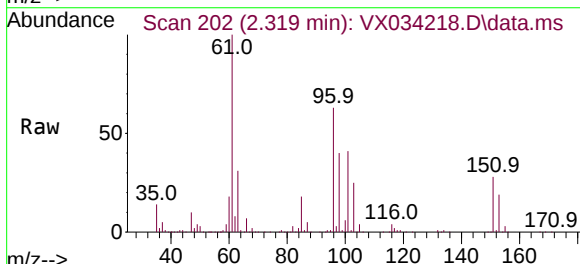
Manual Integrations
APPROVED

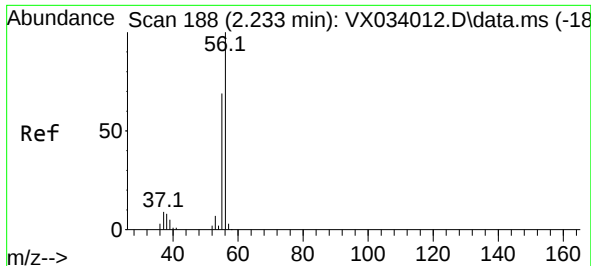
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#12
1,1-Dichloroethene
Concen: 44.709 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

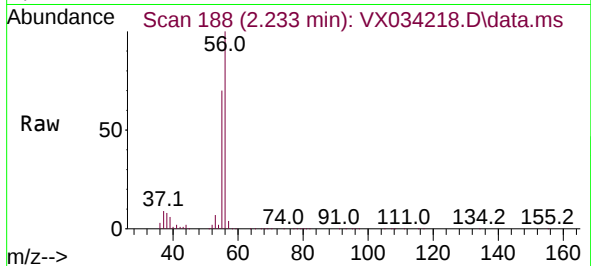
Tgt Ion: 96 Resp: 161284
Ion Ratio Lower Upper
96 100
61 158.5 134.2 201.4
98 63.9 50.2 75.2





#13
Acrolein
Concen: 227.516 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

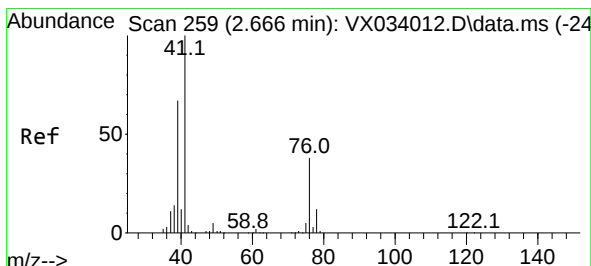
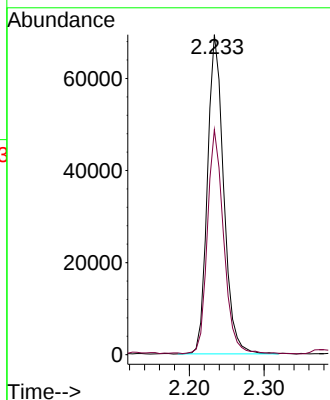
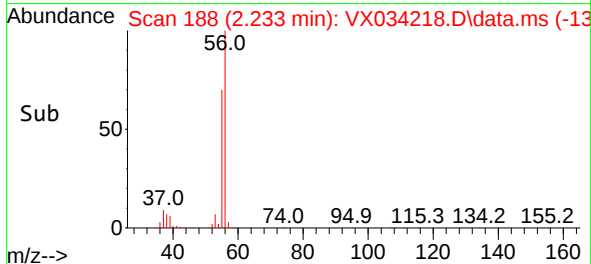
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



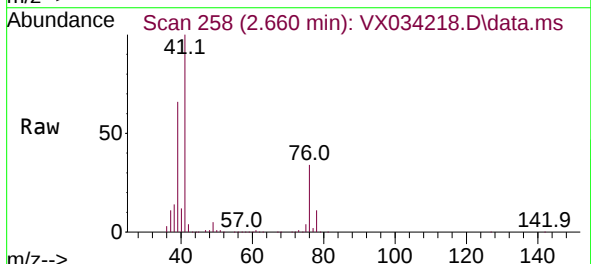
Tgt Ion: 56 Resp: 104338
Ion Ratio Lower Upper
56 100
55 70.6 56.3 84.5

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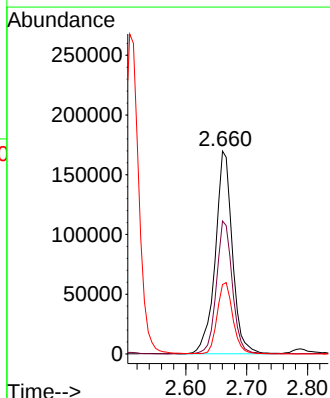
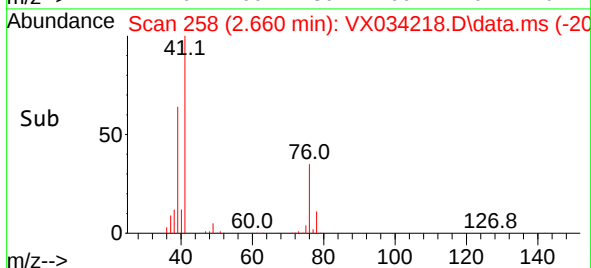
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

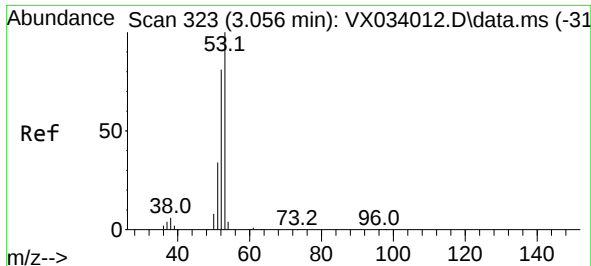


#14
Allyl chloride
Concen: 43.216 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34



Tgt Ion: 41 Resp: 330698
Ion Ratio Lower Upper
41 100
39 60.8 59.0 88.4
76 32.1 24.6 37.0





#15

Acrylonitrile

Concen: 238.359 ug/l

RT: 3.063 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX034218.D

Acq: 22 Feb 2023 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 53 Resp: 52239

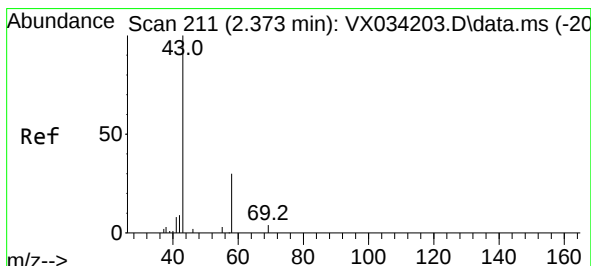
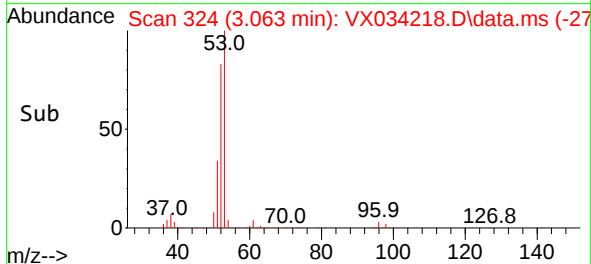
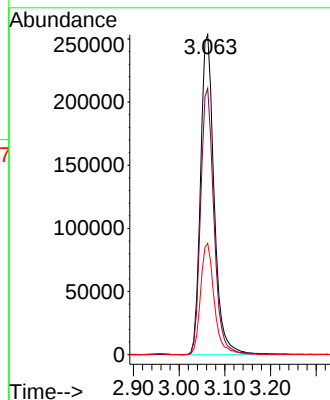
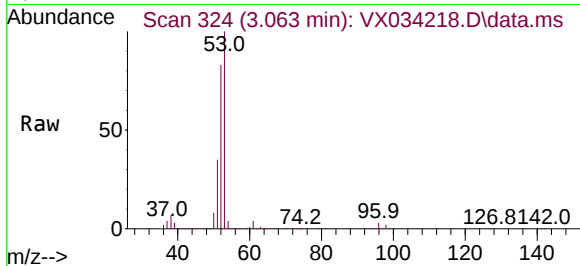
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.7	98.5
51	35.2	29.0	43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#16

Acetone

Concen: 214.323 ug/l

RT: 2.374 min Scan# 211

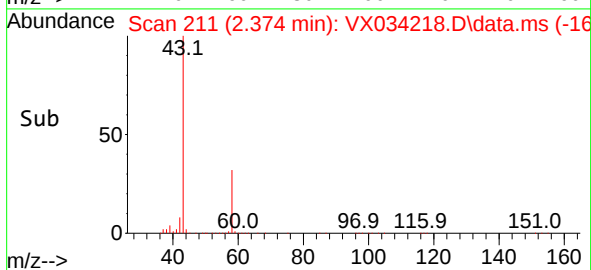
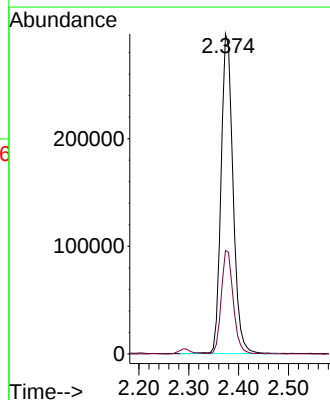
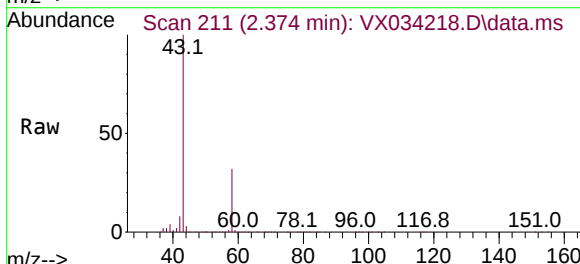
Delta R.T. 0.000 min

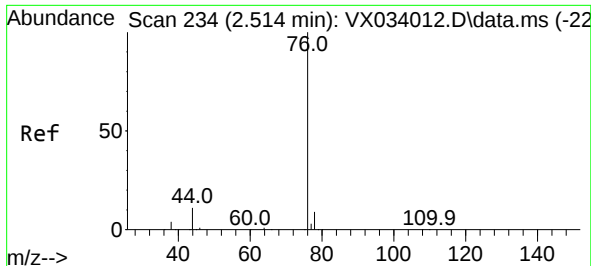
Lab File: VX034218.D

Acq: 22 Feb 2023 10:34

Tgt Ion: 43 Resp: 496598

Ion	Ratio	Lower	Upper
43	100		
58	32.4	22.6	33.8





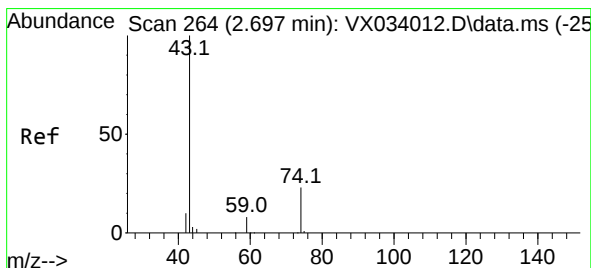
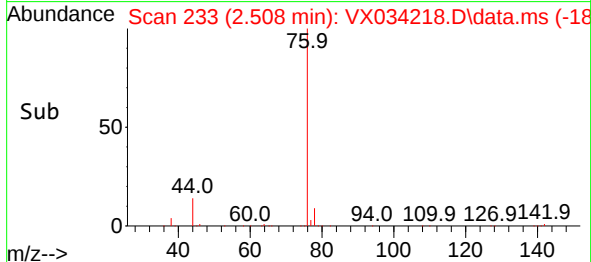
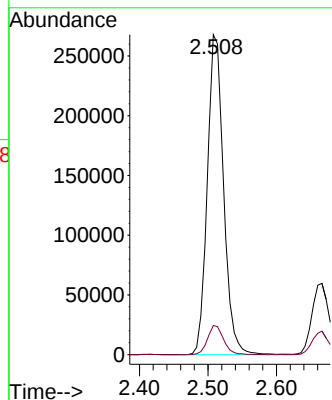
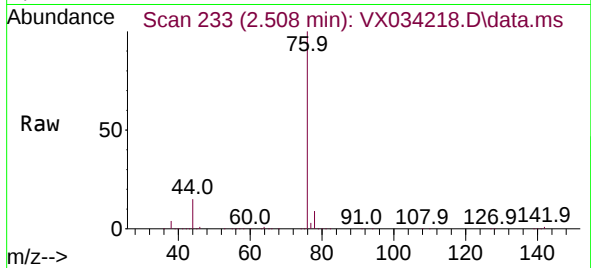
#17
Carbon Disulfide
Concen: 42.750 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 443380
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

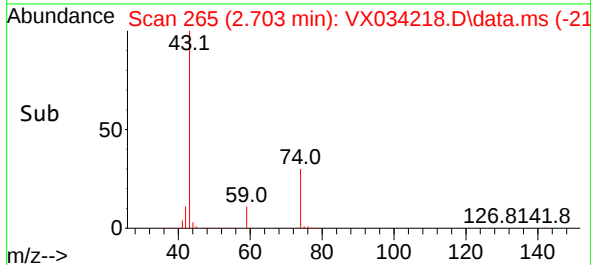
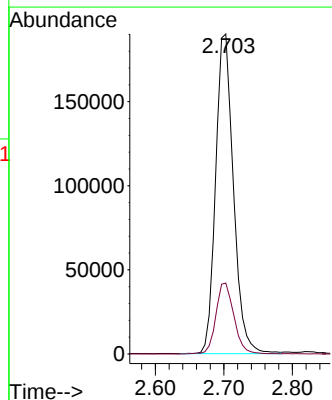
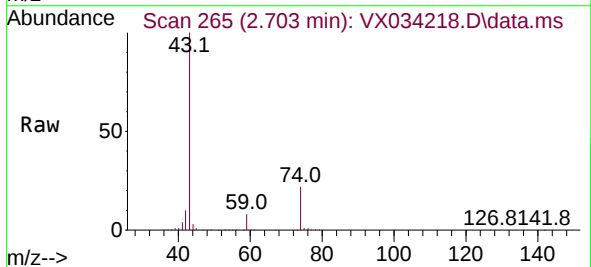
Manual Integrations
APPROVED

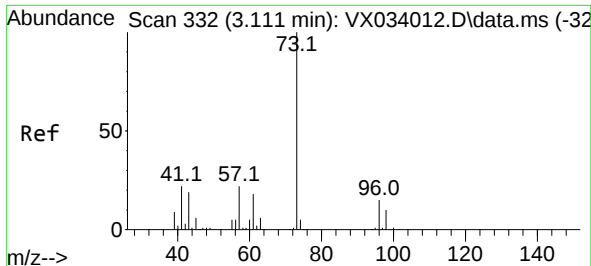
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#18
Methyl Acetate
Concen: 47.840 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

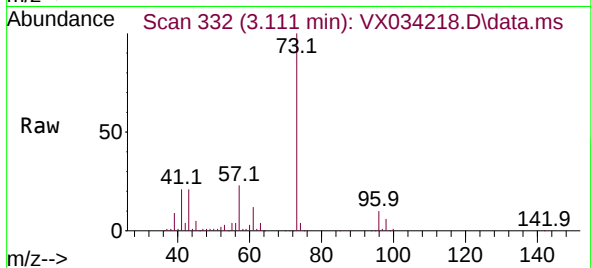
Tgt Ion: 43 Resp: 342992
Ion Ratio Lower Upper
43 100
74 22.5 18.2 27.4





#19
Methyl tert-butyl Ether
Concen: 47.438 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

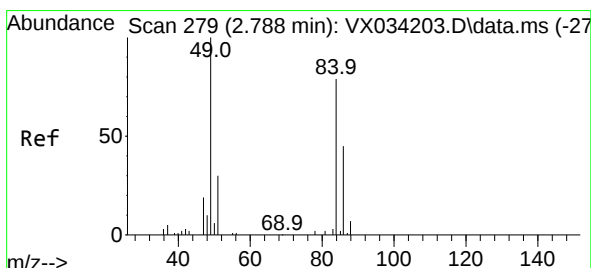
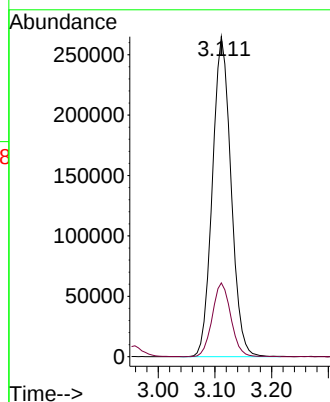
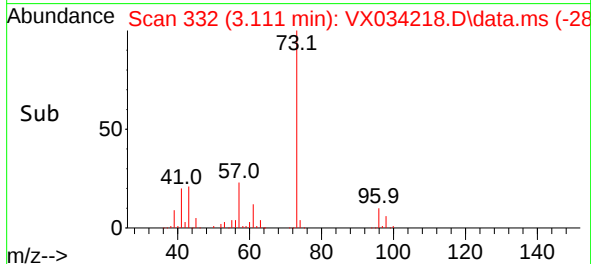
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 603979
Ion Ratio Lower Upper
73 100
57 23.1 17.4 26.0

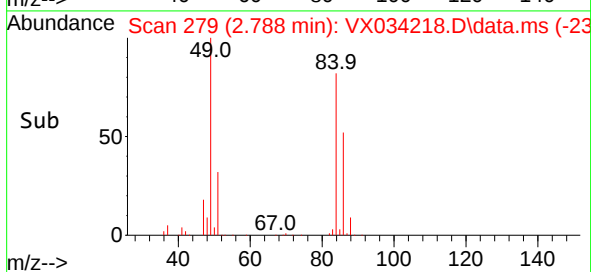
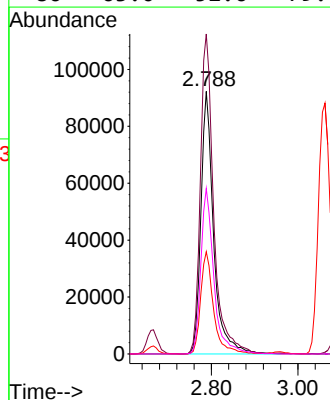
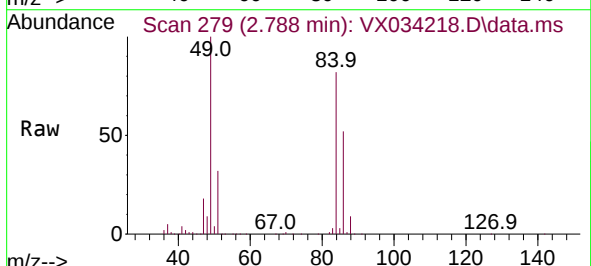
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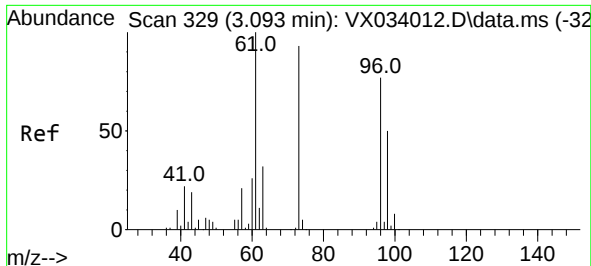
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#20
Methylene Chloride
Concen: 45.058 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

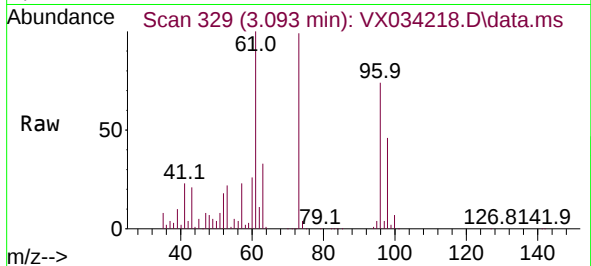
Tgt Ion: 84 Resp: 188115
Ion Ratio Lower Upper
84 100
49 121.8 101.1 151.7
51 39.0 31.0 46.6
86 63.0 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 46.657 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

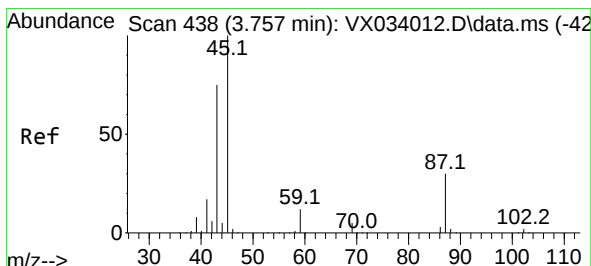
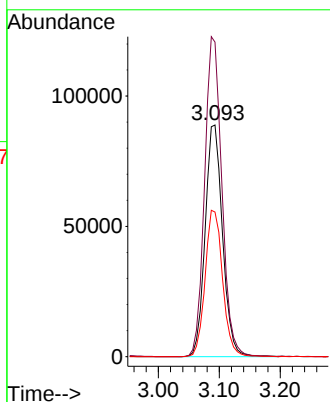
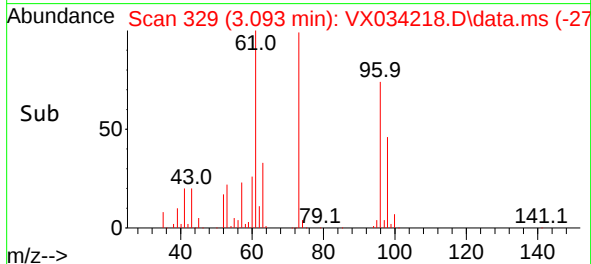
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 17636
Ion Ratio Lower Upper
96 100
61 135.8 106.7 160.1
98 62.4 50.0 75.0

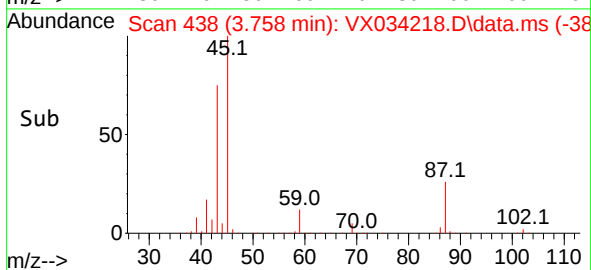
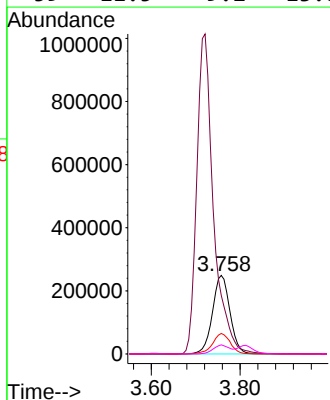
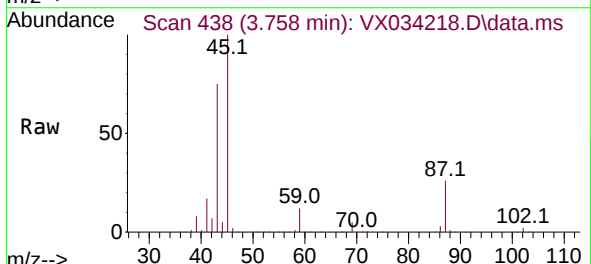
Manual Integrations
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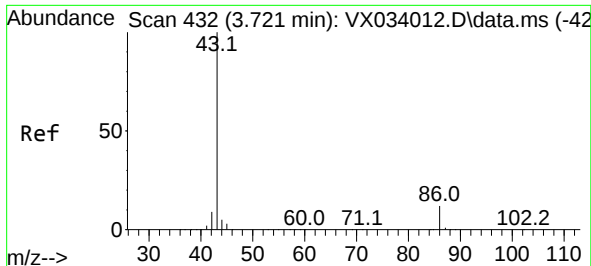
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#22
Diisopropyl ether
Concen: 50.539 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

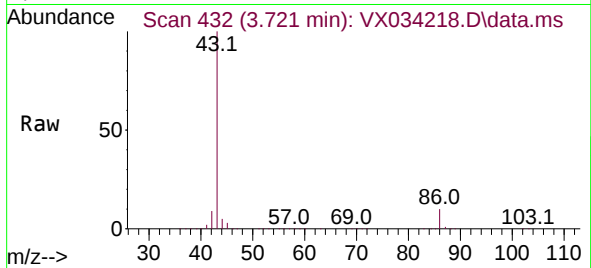
Tgt Ion: 45 Resp: 678000
Ion Ratio Lower Upper
45 100
43 74.8 64.6 97.0
87 26.1 21.9 32.9
59 11.5 9.2 13.8





#23
 Vinyl Acetate
 Concen: 246.595 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX034218.D
 Acq: 22 Feb 2023 10:34

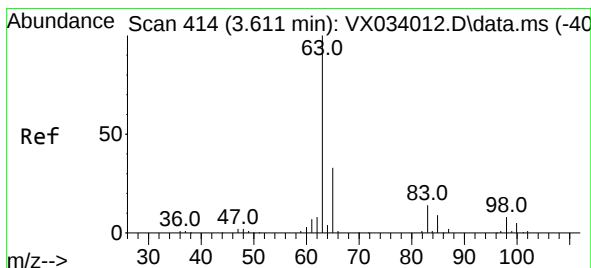
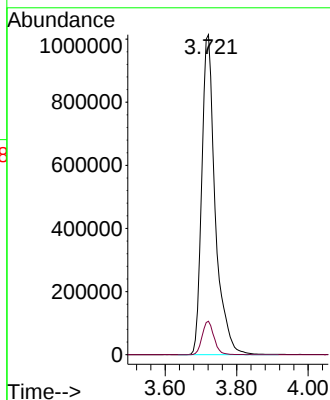
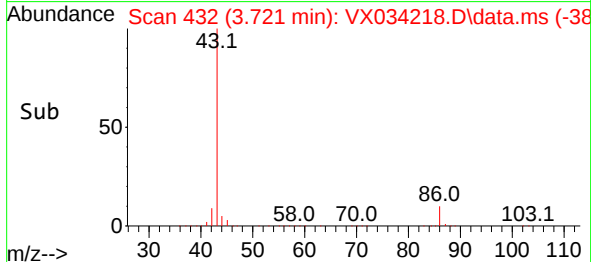
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



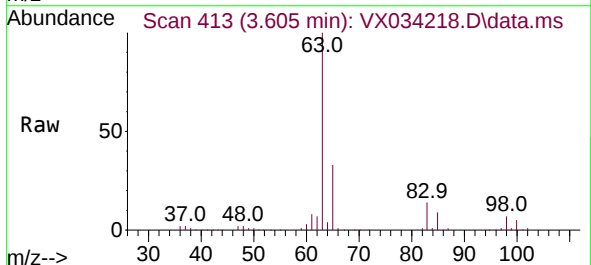
Tgt Ion: 43 Resp: 265045
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.4 12.6

Manual Integrations
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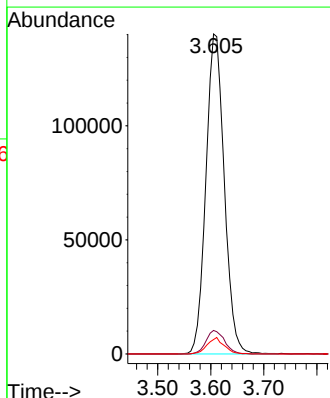
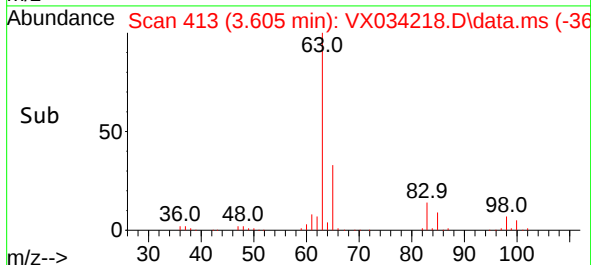
Reviewed By :John Carlone 02/23/2023
 Supervised By :Mahesh Dadoda 02/23/2023

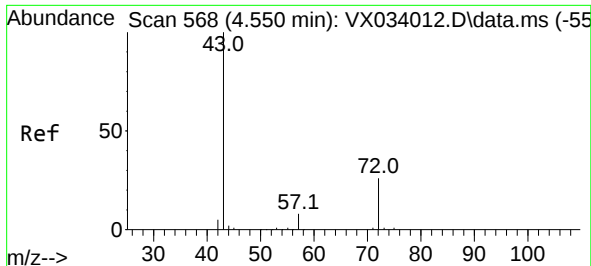


#24
 1,1-Dichloroethane
 Concen: 45.877 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX034218.D
 Acq: 22 Feb 2023 10:34



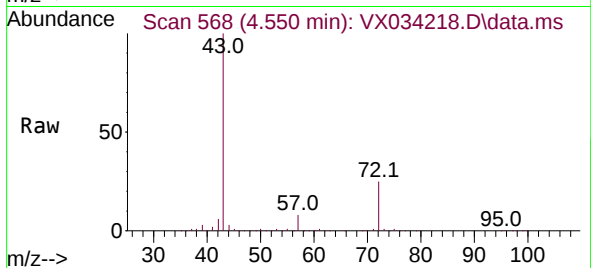
Tgt Ion: 63 Resp: 337875
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.8 11.2
 100 4.5 2.4 7.2





#25
2-Butanone
Concen: 229.251 ug/l
RT: 4.550 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

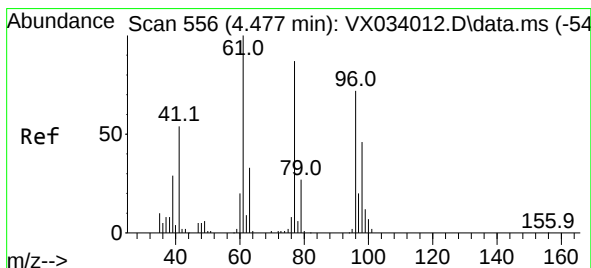
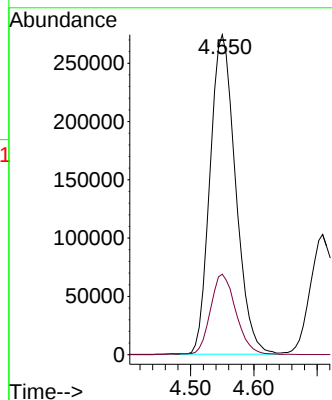
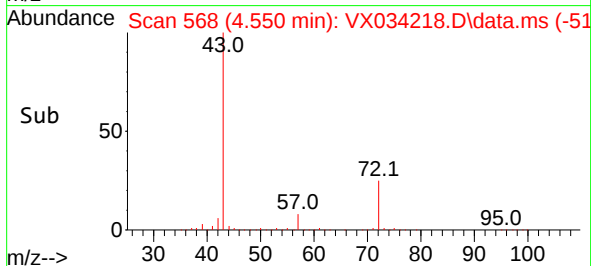
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 76858
Ion Ratio Lower Upper
43 100
72 25.1 19.4 29.2

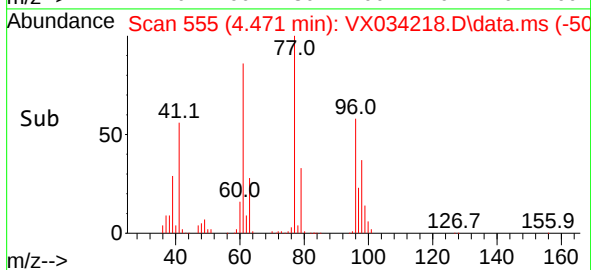
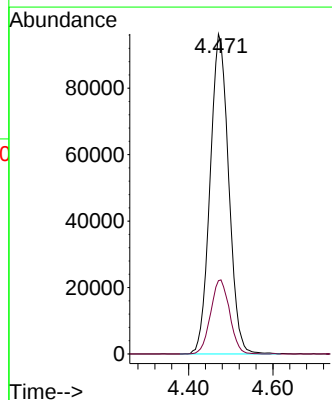
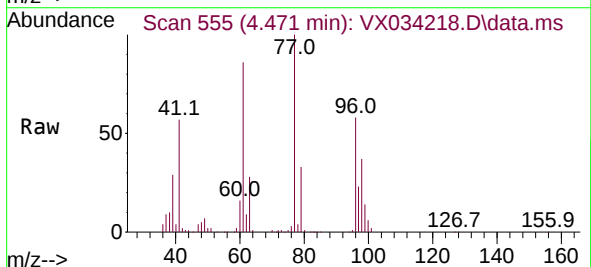
Manual Integrations
APPROVED

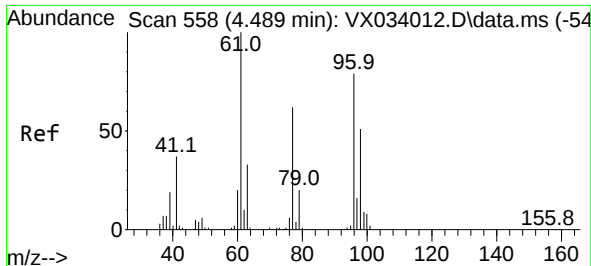
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#26
2,2-Dichloropropane
Concen: 44.172 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

Tgt Ion: 77 Resp: 294697
Ion Ratio Lower Upper
77 100
97 23.6 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 47.734 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX034218.D

Acq: 22 Feb 2023 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 21366

Ion Ratio Lower Upper

96 100

61 145.4 0.0 277.6

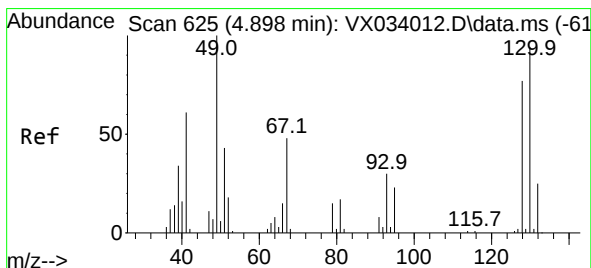
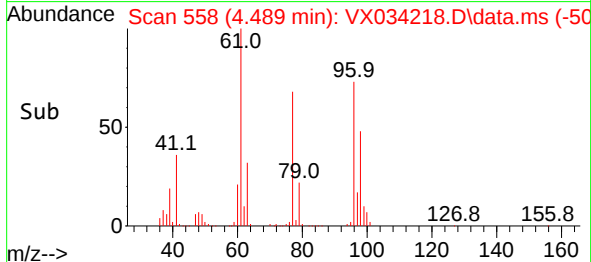
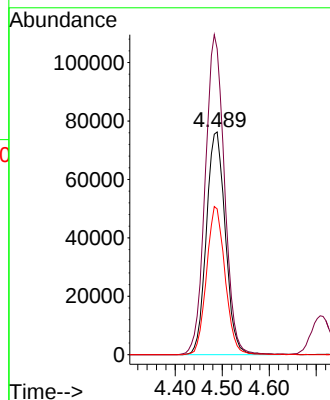
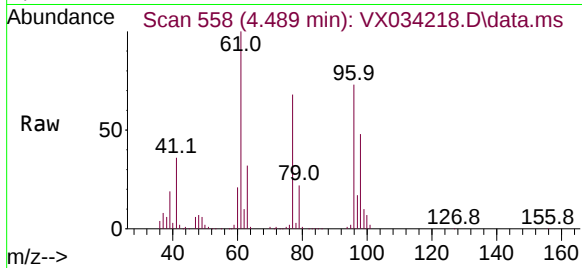
98 65.0 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#28

Bromochloromethane

Concen: 47.211 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX034218.D

Acq: 22 Feb 2023 10:34

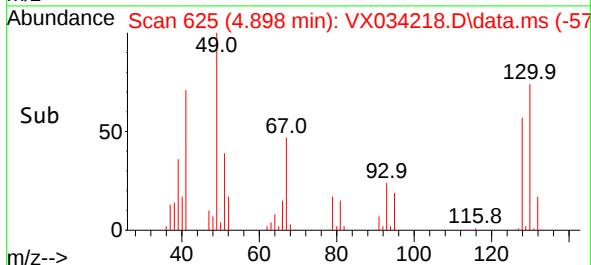
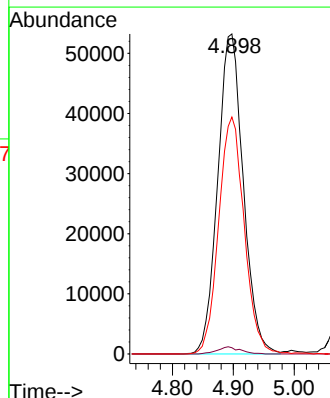
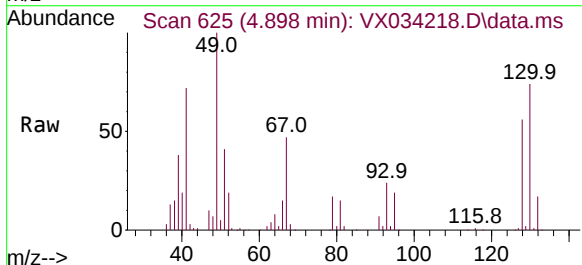
Tgt Ion: 49 Resp: 155105

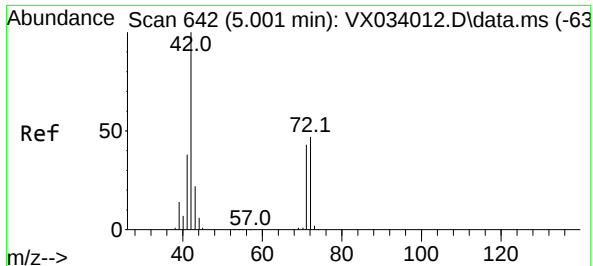
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 74.0 68.5 102.7





#29

Tetrahydrofuran

Concen: 238.369 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX034218.D

Acq: 22 Feb 2023 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 48751

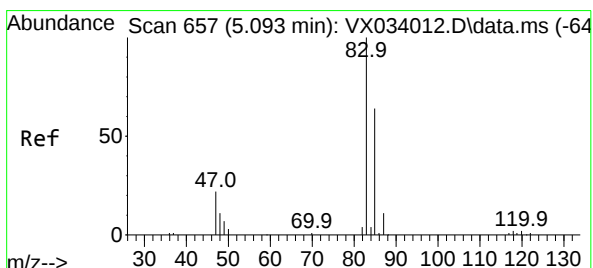
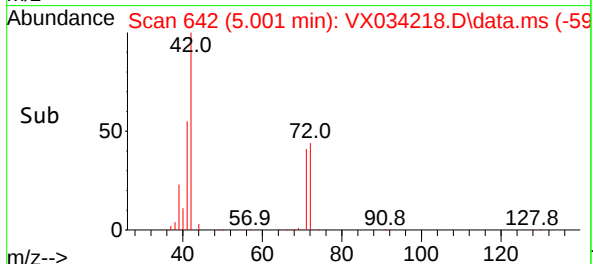
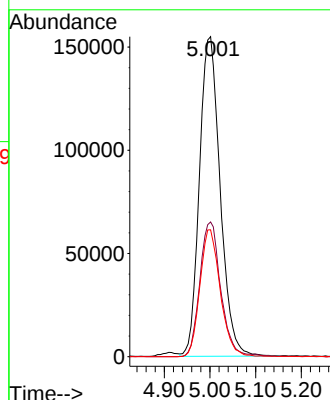
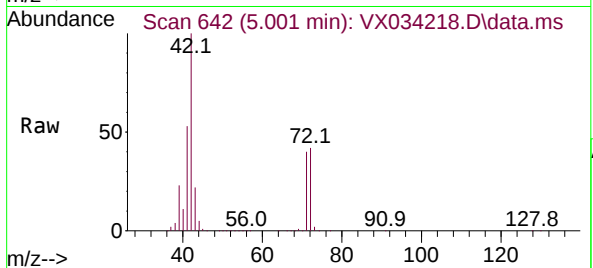
Ion	Ratio	Lower	Upper
42	100		
72	42.7	34.8	52.2
71	39.2	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#30

Chloroform

Concen: 48.257 ug/l

RT: 5.093 min Scan# 657

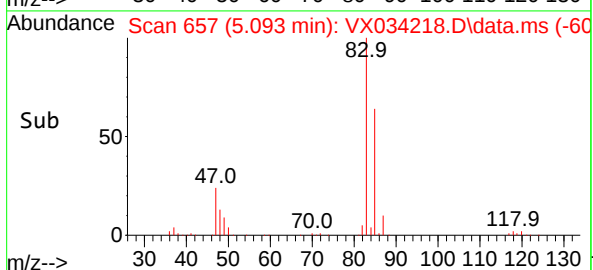
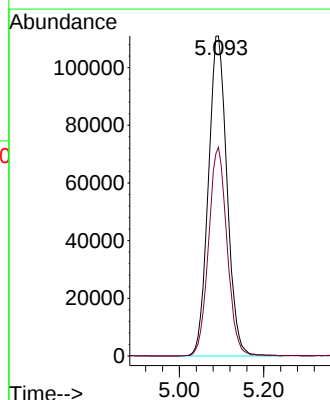
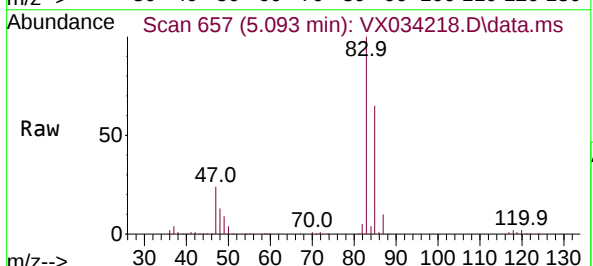
Delta R.T. 0.000 min

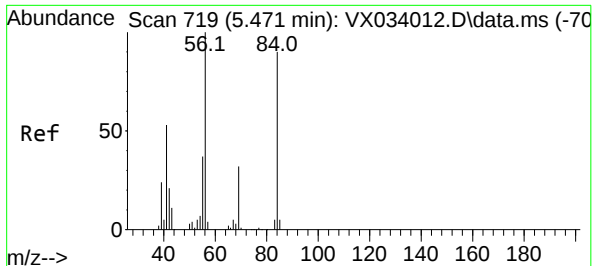
Lab File: VX034218.D

Acq: 22 Feb 2023 10:34

Tgt Ion: 83 Resp: 341267

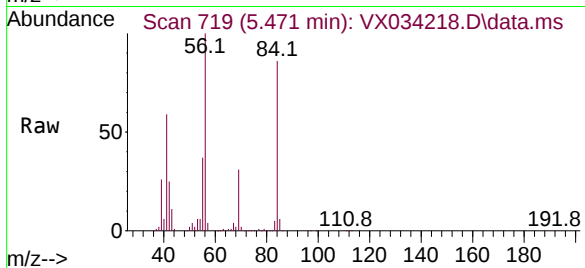
Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.1	78.1





#31
Cyclohexane
Concen: 46.966 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

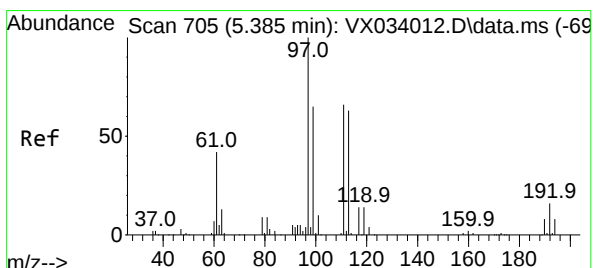
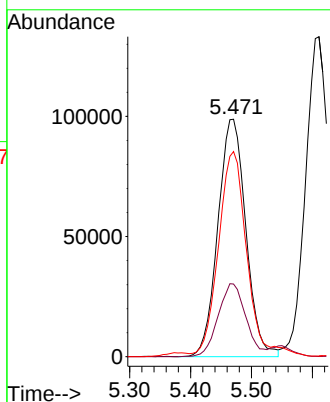
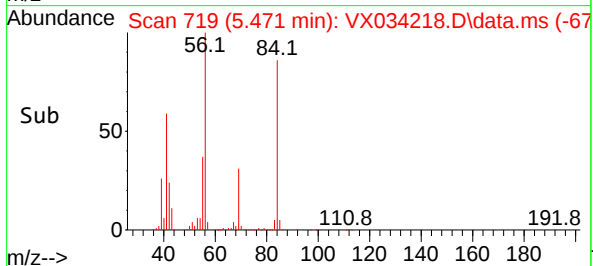
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



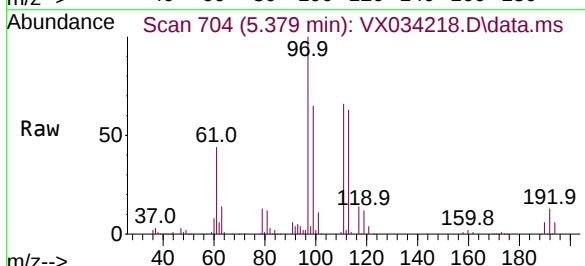
Tgt Ion: 56 Resp: 314964
Ion Ratio Lower Upper
56 100
69 30.6 24.6 37.0
84 84.9 71.0 106.6

Manual Integrations
APPROVED

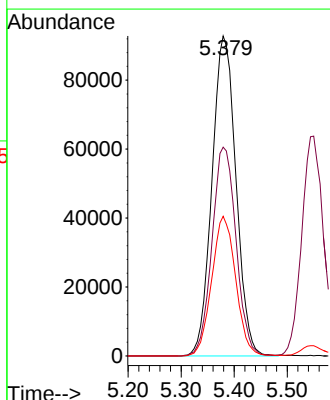
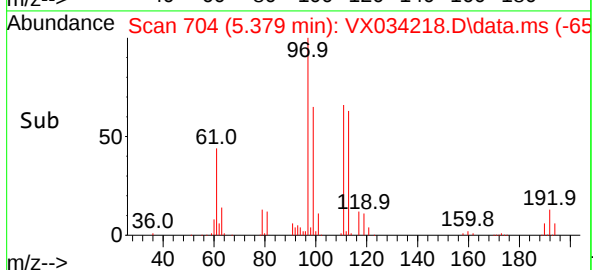
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

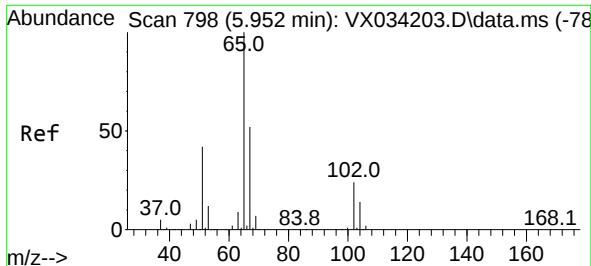


#32
1,1,1-Trichloroethane
Concen: 46.028 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34



Tgt Ion: 97 Resp: 291791
Ion Ratio Lower Upper
97 100
99 65.5 52.3 78.5
61 43.6 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 45.829 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX034218.D

Acq: 22 Feb 2023 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 205852

Ion Ratio Lower Upper

65 100

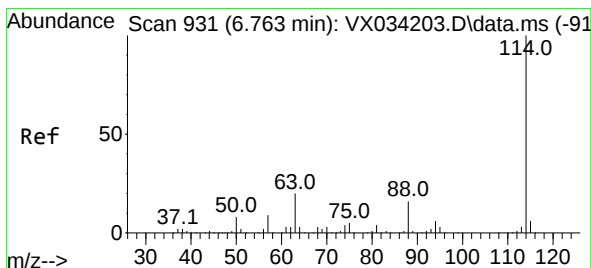
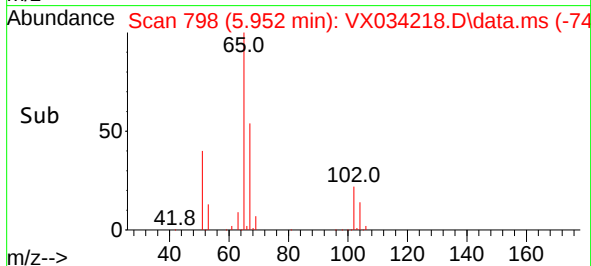
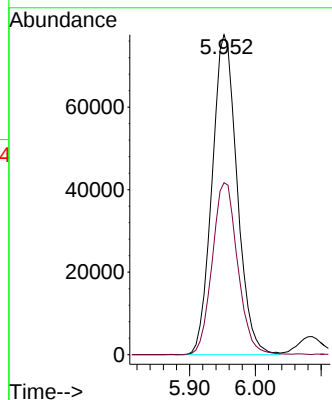
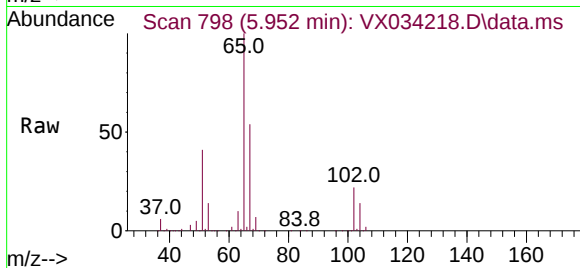
67 54.5 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034218.D

Acq: 22 Feb 2023 10:34

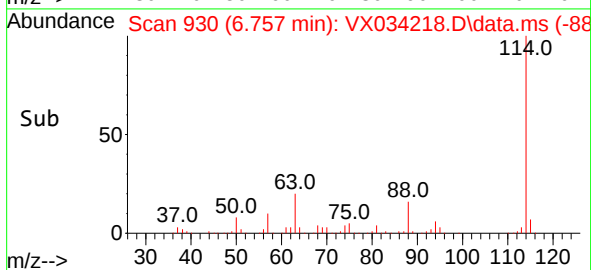
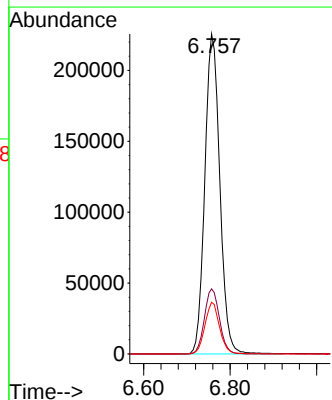
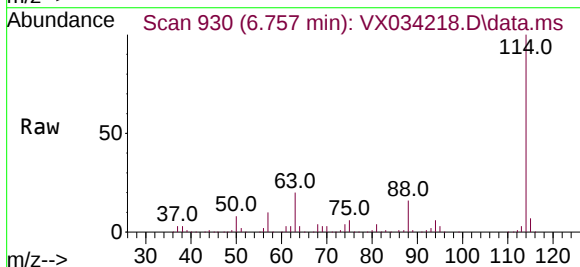
Tgt Ion:114 Resp: 542757

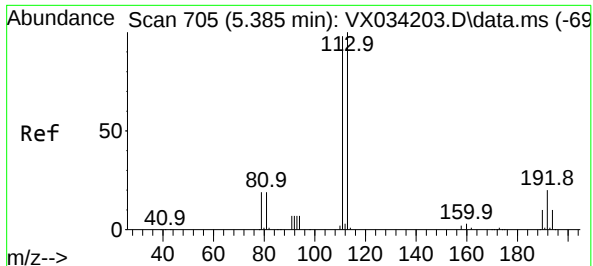
Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

88 16.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.307 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX034218.D

Acq: 22 Feb 2023 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 17424

Ion Ratio Lower Upper

113 100

111 104.1 83.0 124.6

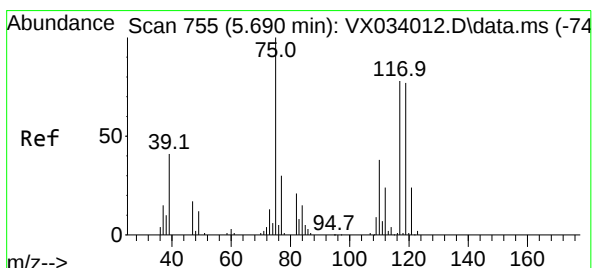
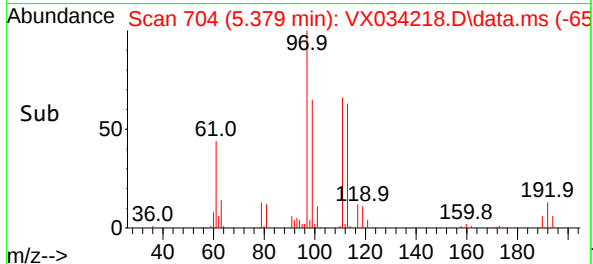
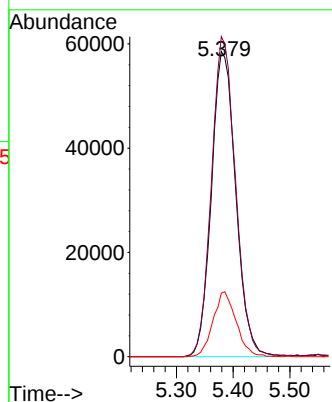
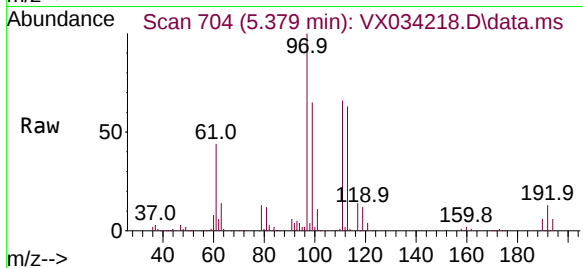
192 20.2 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#36

1,1-Dichloropropene

Concen: 48.316 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX034218.D

Acq: 22 Feb 2023 10:34

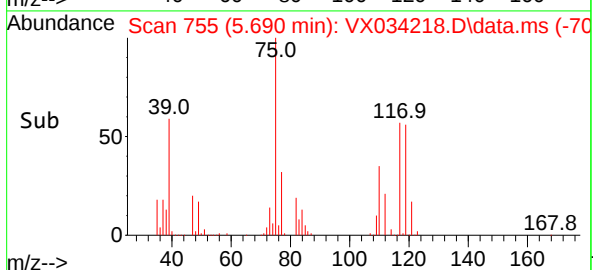
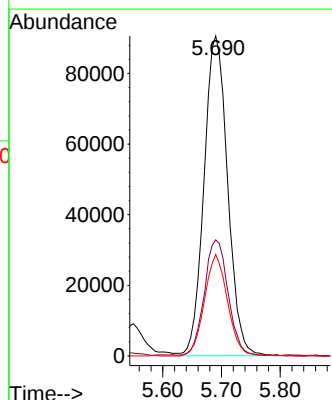
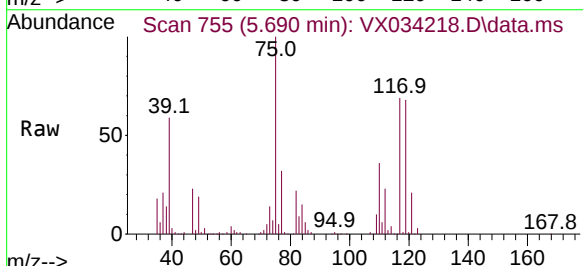
Tgt Ion: 75 Resp: 252513

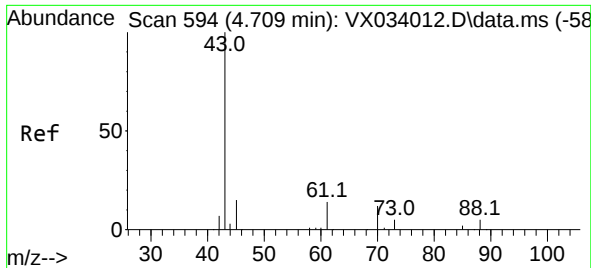
Ion Ratio Lower Upper

75 100

110 36.8 18.8 56.4

77 31.1 25.1 37.7





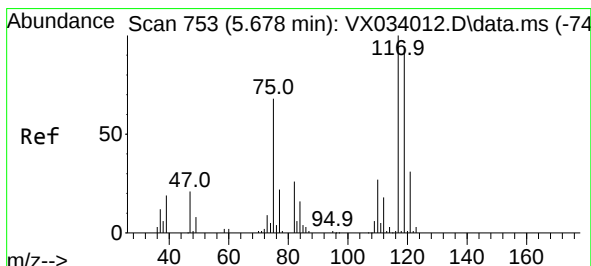
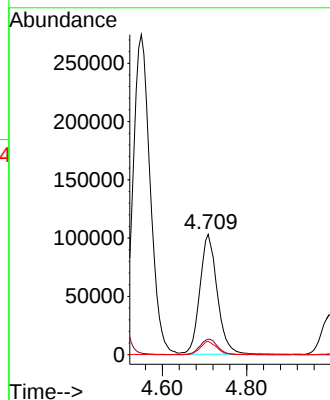
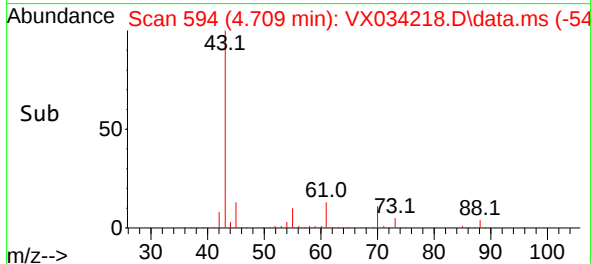
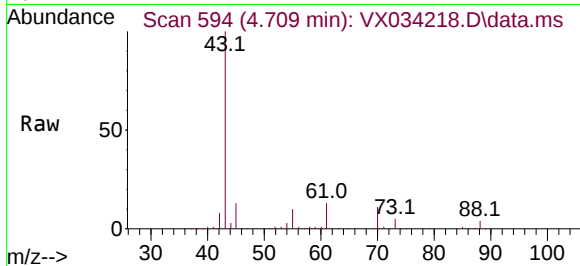
#37
Ethyl Acetate
Concen: 50.558 ug/l
RT: 4.709 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 29530
Ion Ratio Lower Upper
43 100
61 12.9 11.1 16.7
70 10.6 8.5 12.7

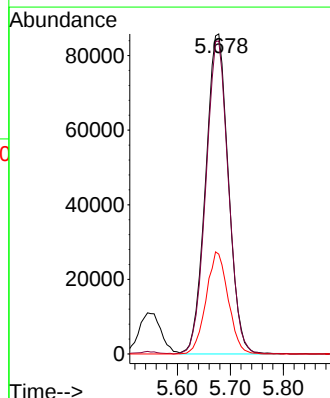
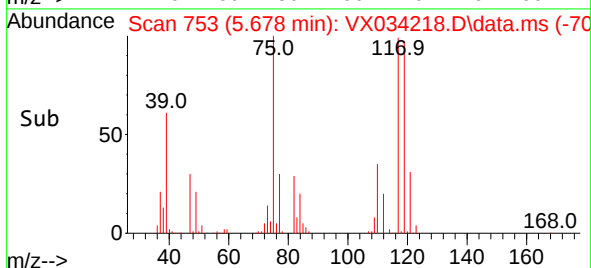
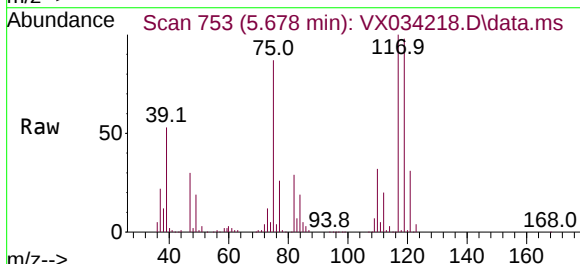
Manual Integrations
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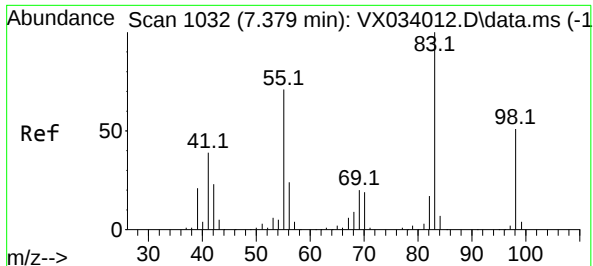
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#38
Carbon Tetrachloride
Concen: 47.721 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

Tgt Ion:117 Resp: 256642
Ion Ratio Lower Upper
117 100
119 97.7 78.0 117.0
121 31.2 24.4 36.6





#39

Methylcyclohexane

Concen: 48.373 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034218.D

Acq: 22 Feb 2023 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 32533

Ion Ratio Lower Upper

83 100

55 78.0 61.8 92.6

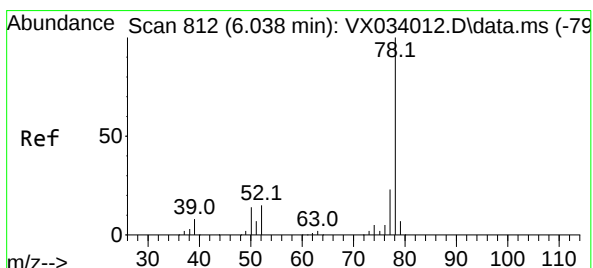
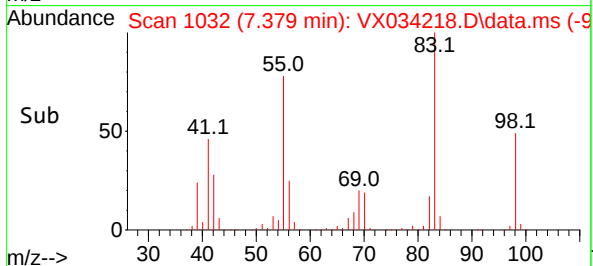
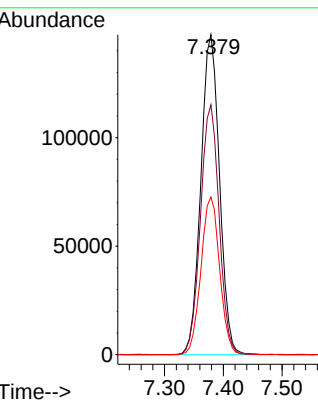
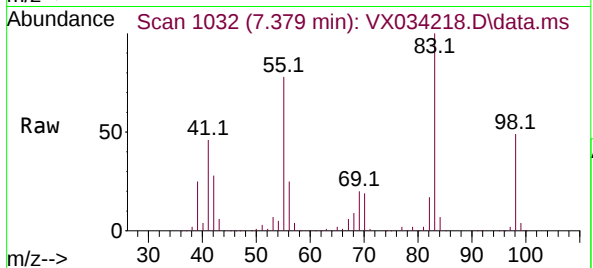
98 49.2 39.3 58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#40

Benzene

Concen: 49.132 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX034218.D

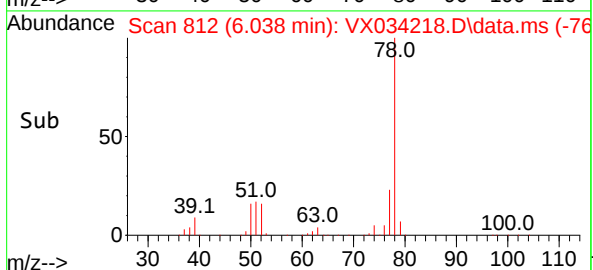
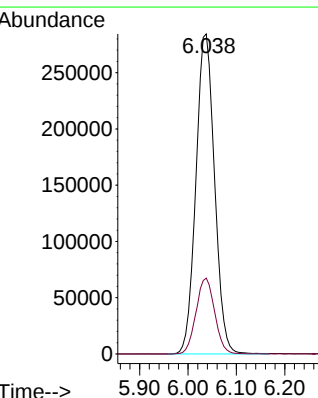
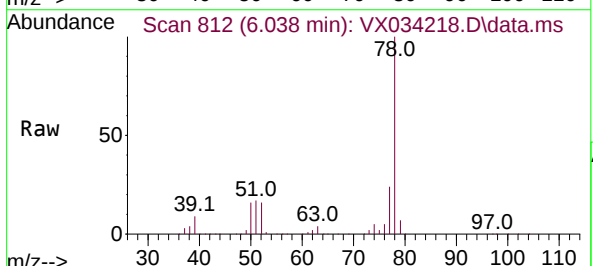
Acq: 22 Feb 2023 10:34

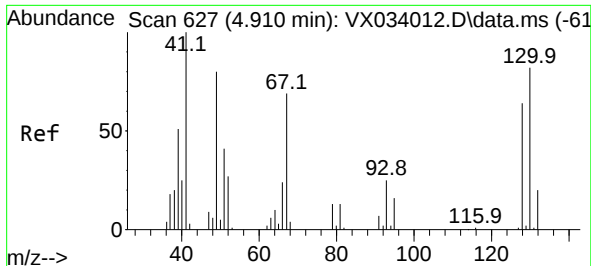
Tgt Ion: 78 Resp: 760947

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.4





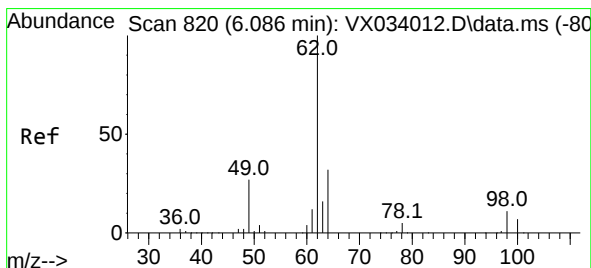
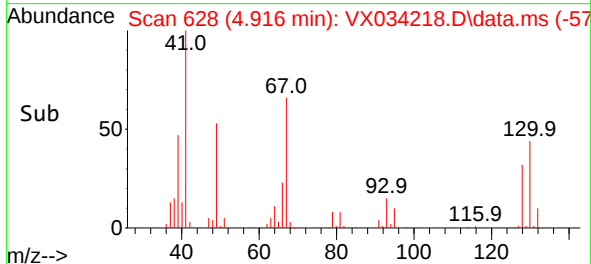
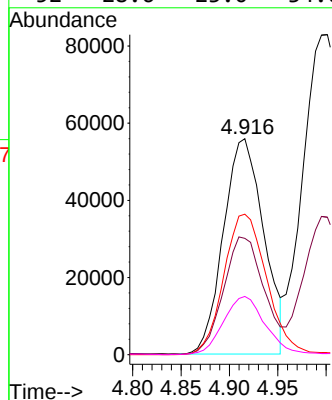
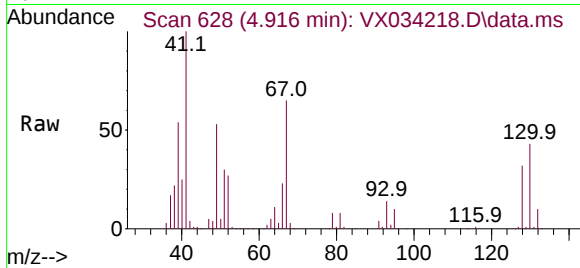
#41
Methacrylonitrile
Concen: 49.774 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 16197
Ion Ratio Lower Upper
41 100
39 56.0 43.8 65.6
67 70.0 54.8 82.2
52 28.6 23.0 34.6

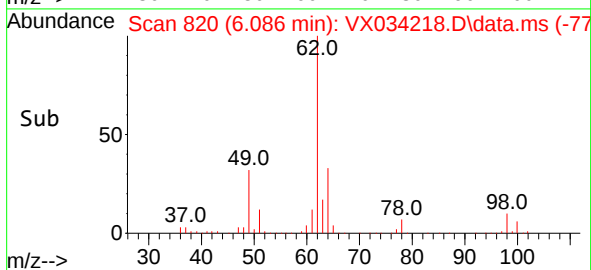
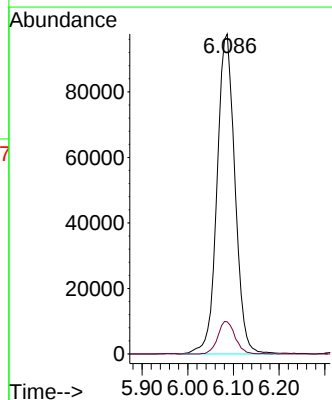
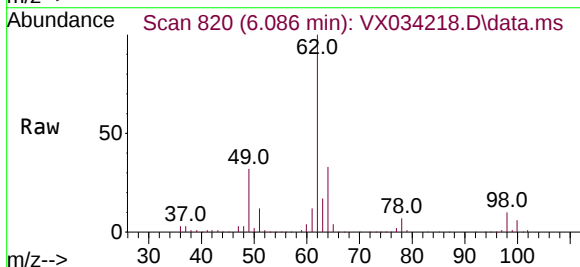
Manual Integrations
APPROVED

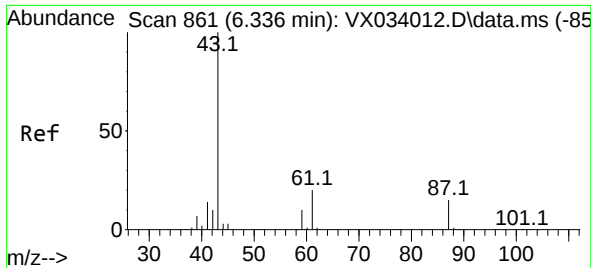
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#42
1,2-Dichloroethane
Concen: 48.806 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

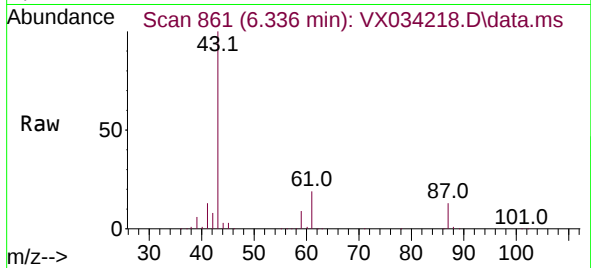
Tgt Ion: 62 Resp: 265855
Ion Ratio Lower Upper
62 100
98 9.8 0.0 20.2





#43
Isopropyl Acetate
Concen: 49.482 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

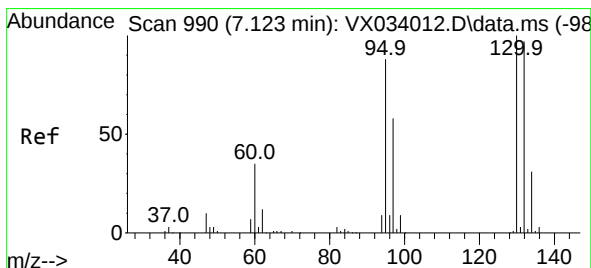
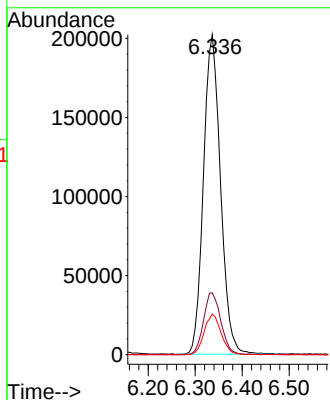
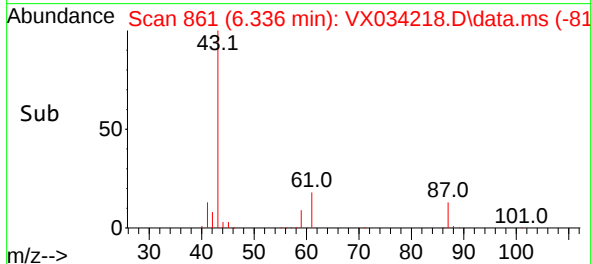
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 510010
Ion Ratio Lower Upper
43 100
61 19.7 15.7 23.5
87 12.6 10.6 15.8

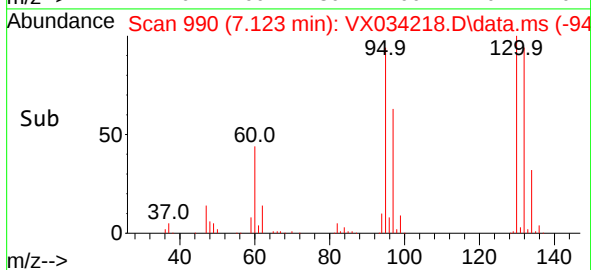
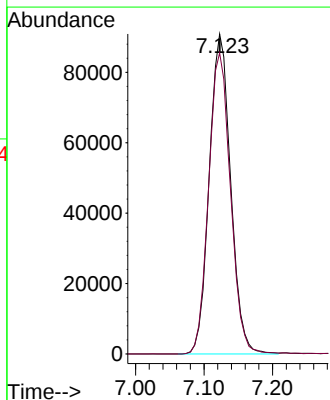
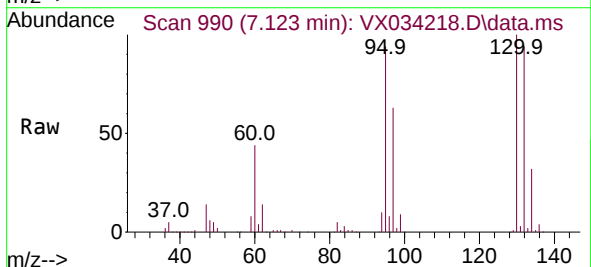
Manual Integrations
APPROVED

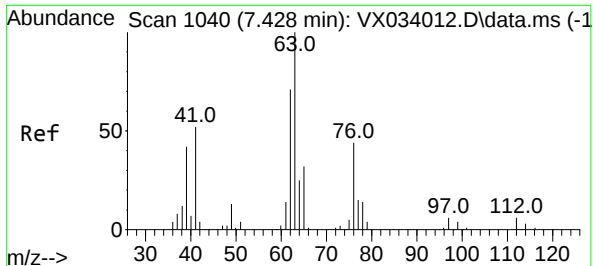
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#44
Trichloroethene
Concen: 49.641 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

Tgt Ion:130 Resp: 197300
Ion Ratio Lower Upper
130 100
95 94.1 0.0 182.6





#45

1,2-Dichloropropane

Concen: 49.498 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034218.D

Acq: 22 Feb 2023 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 204079

Ion Ratio Lower Upper

63 100

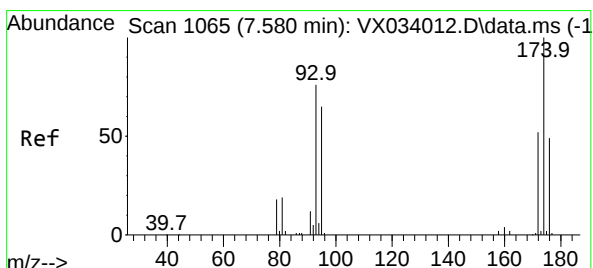
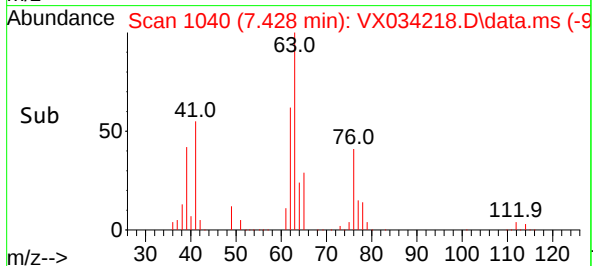
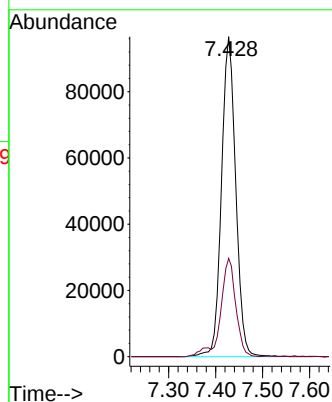
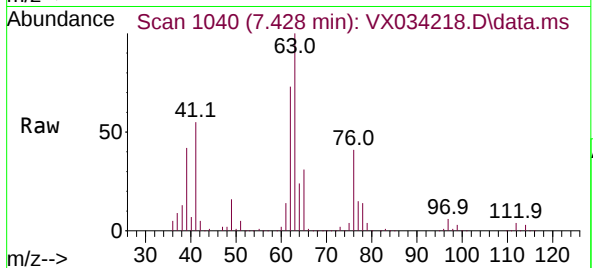
65 30.7 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#46

Dibromomethane

Concen: 50.185 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX034218.D

Acq: 22 Feb 2023 10:34

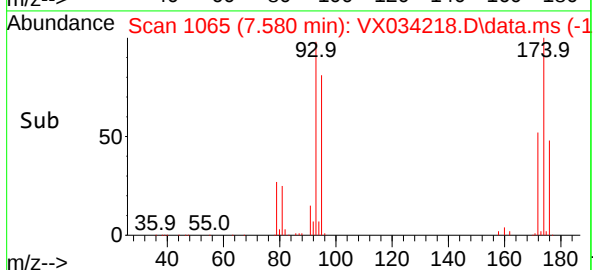
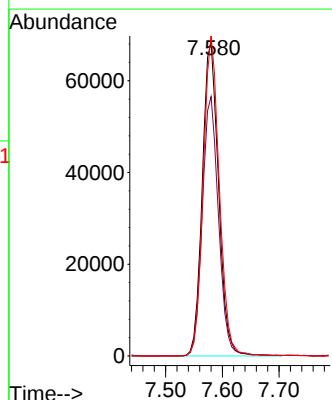
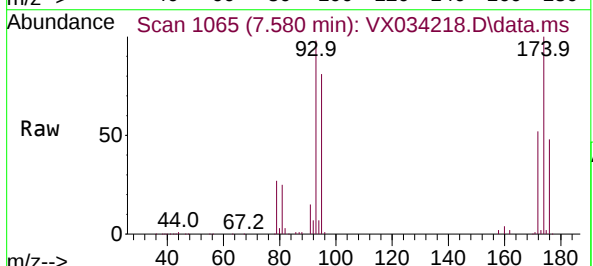
Tgt Ion: 93 Resp: 136173

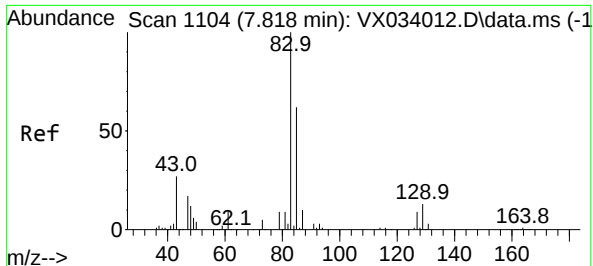
Ion Ratio Lower Upper

93 100

95 82.5 67.6 101.4

174 100.7 97.4 146.0





#47

Bromodichloromethane

Concen: 49.327 ug/l

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX034218.D

Acq: 22 Feb 2023 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 274679

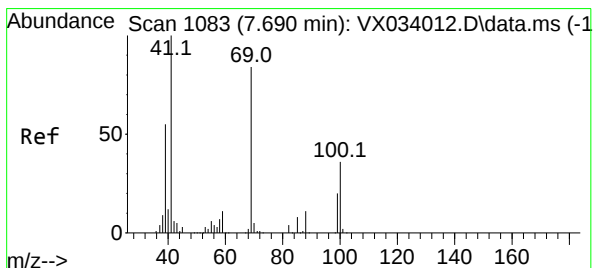
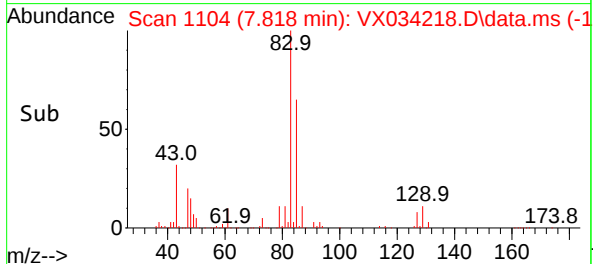
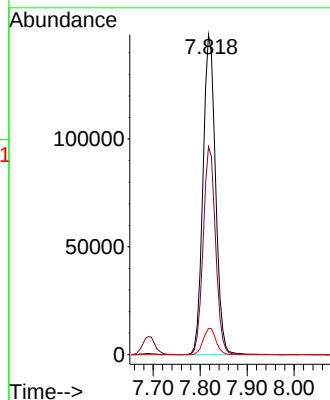
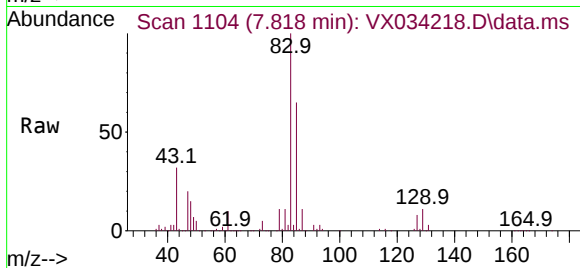
Ion	Ratio	Lower	Upper
83	100		
85	65.0	49.8	74.6
127	8.2	7.0	10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#48

Methyl methacrylate

Concen: 49.195 ug/l

RT: 7.690 min Scan# 1083

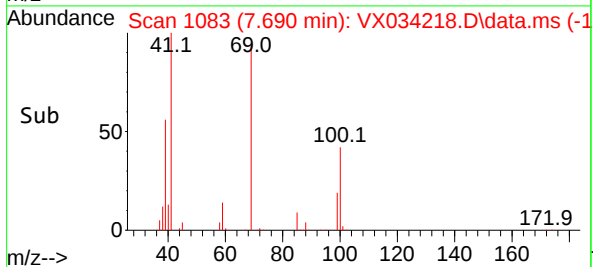
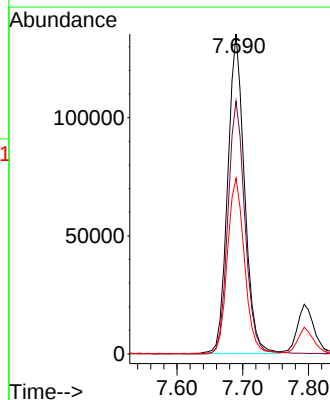
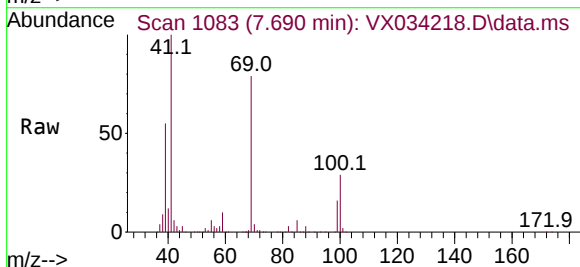
Delta R.T. 0.000 min

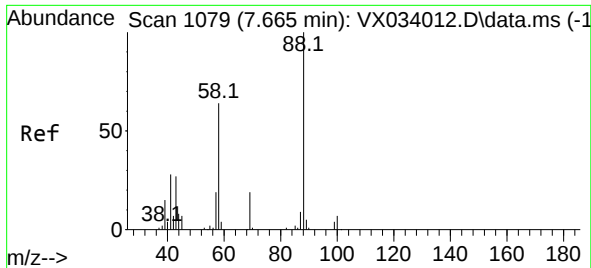
Lab File: VX034218.D

Acq: 22 Feb 2023 10:34

Tgt Ion: 41 Resp: 240668

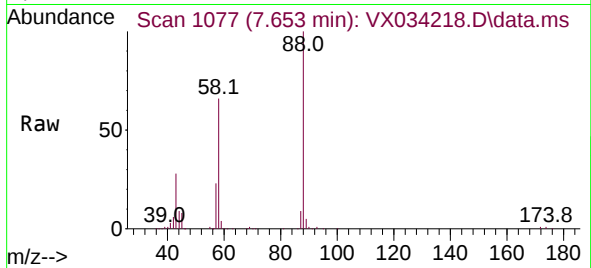
Ion	Ratio	Lower	Upper
41	100		
69	80.4	63.1	94.7
39	55.8	43.2	64.8





#49
1,4-Dioxane
Concen: 953.561 ug/l
RT: 7.653 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

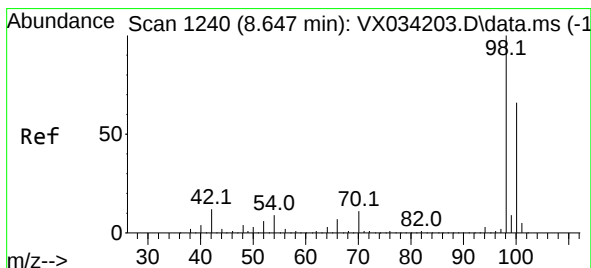
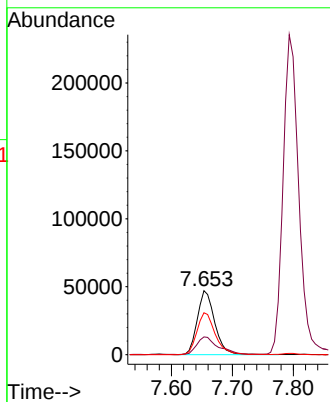
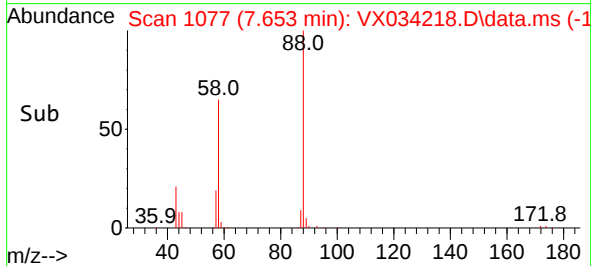
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 93045
Ion Ratio Lower Upper
88 100
43 33.7 0.0 0.0
58 69.1 56.5 84.7

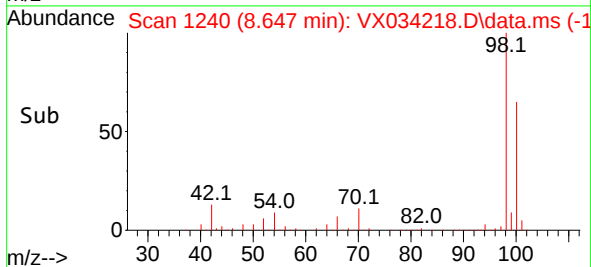
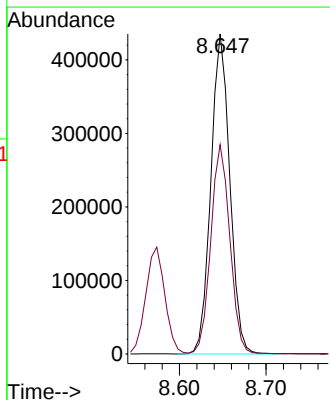
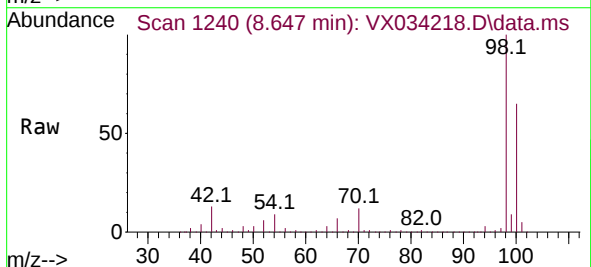
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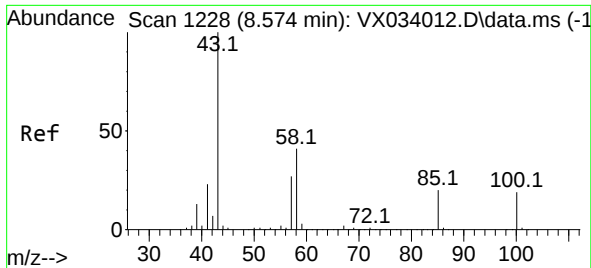
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#50
Toluene-d8
Concen: 52.042 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

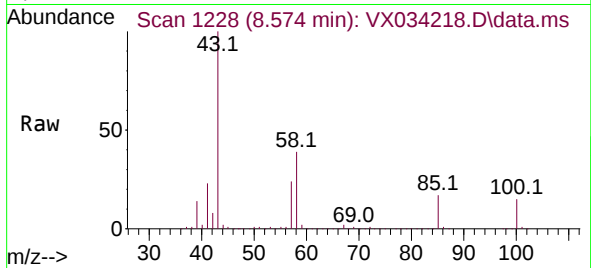
Tgt Ion: 98 Resp: 660299
Ion Ratio Lower Upper
98 100
100 66.0 53.6 80.4





#51
4-Methyl-2-Pentanone
Concen: 265.525 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

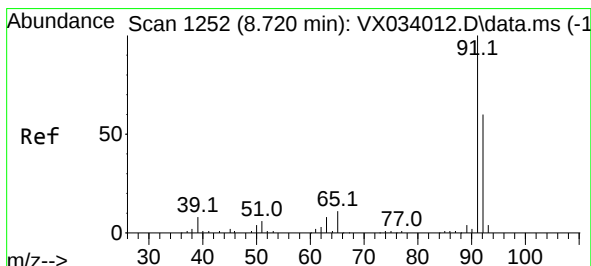
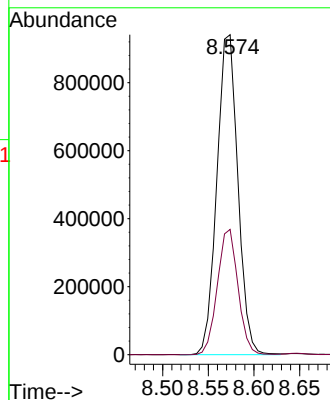
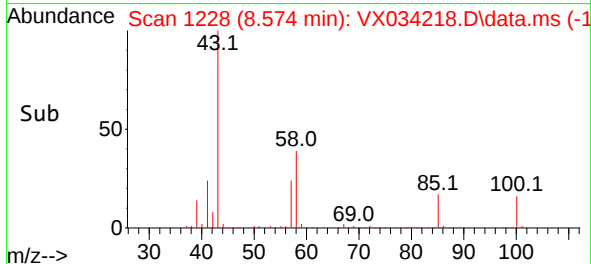
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



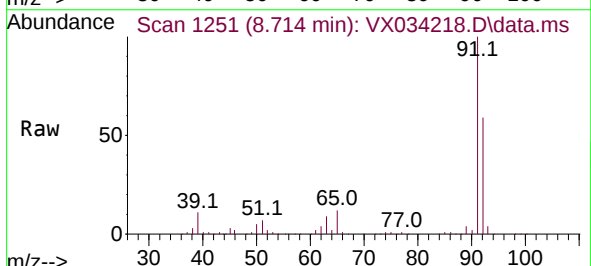
Tgt Ion: 43 Resp: 1505728
Ion Ratio Lower Upper
43 100
58 38.5 31.2 46.8

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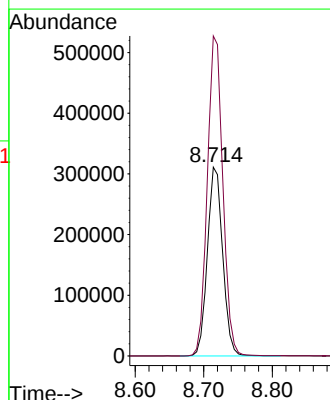
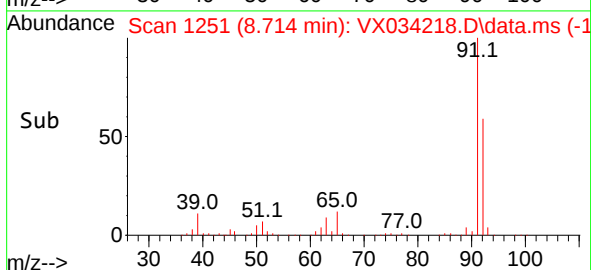
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

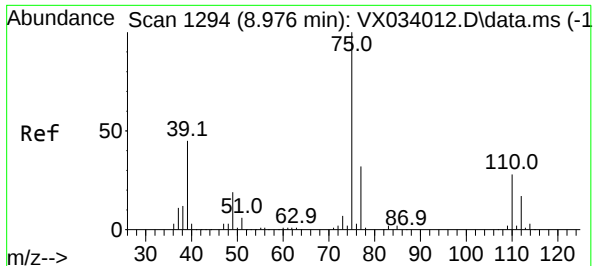


#52
Toluene
Concen: 51.560 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34



Tgt Ion: 92 Resp: 483864
Ion Ratio Lower Upper
92 100
91 172.0 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 51.098 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX034218.D

Acq: 22 Feb 2023 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 32752

Ion Ratio Lower Upper

75 100

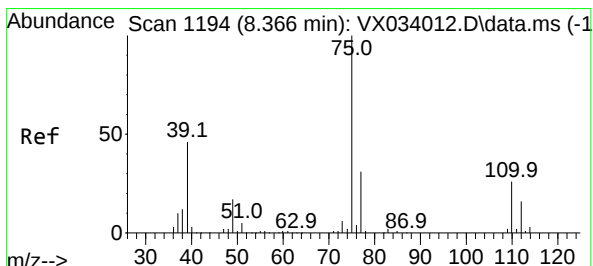
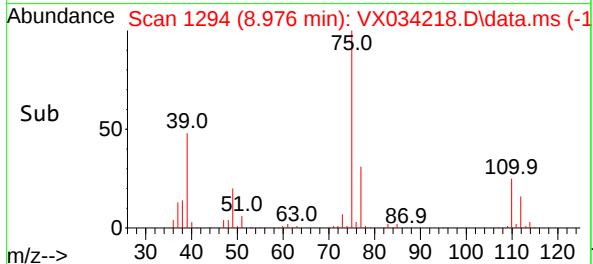
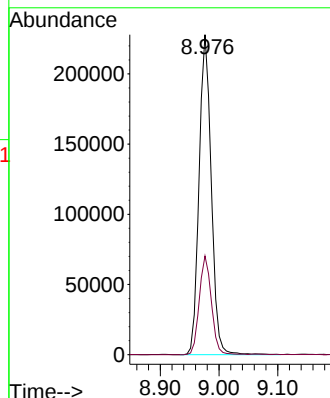
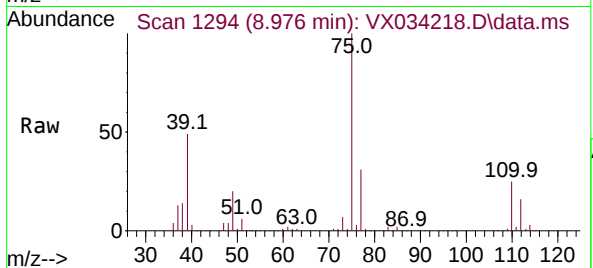
77 30.9 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#54

cis-1,3-Dichloropropene

Concen: 49.335 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX034218.D

Acq: 22 Feb 2023 10:34

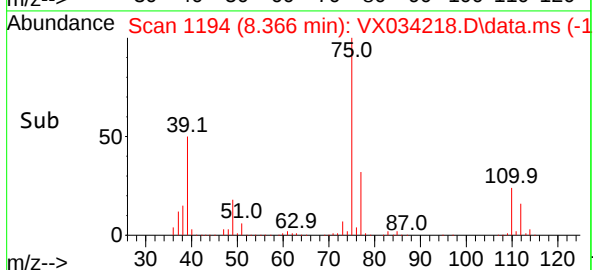
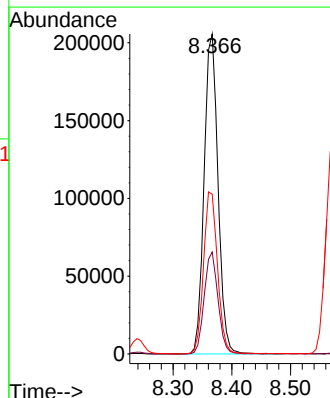
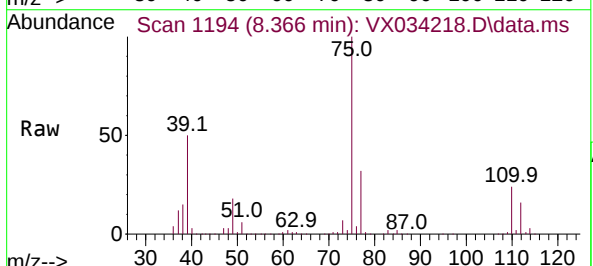
Tgt Ion: 75 Resp: 338535

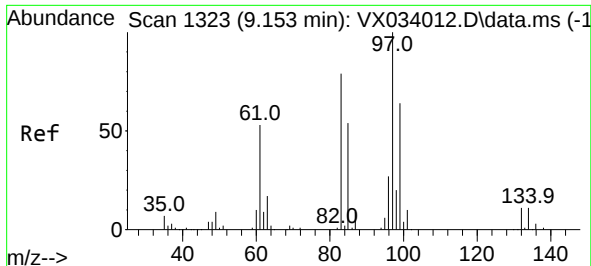
Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.6

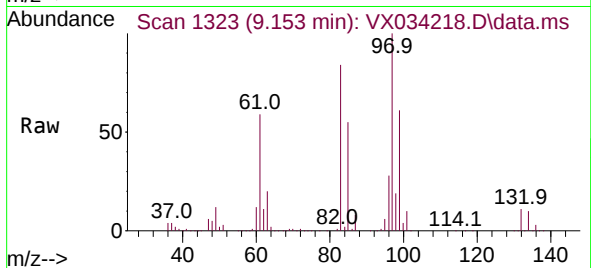
39 49.9 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 52.785 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

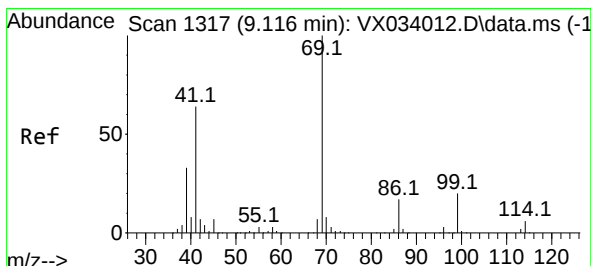
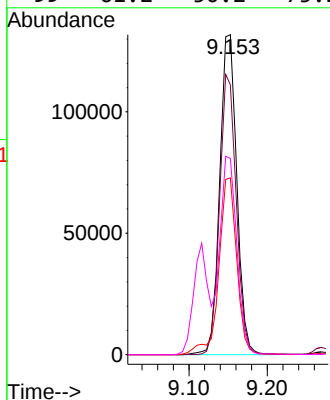
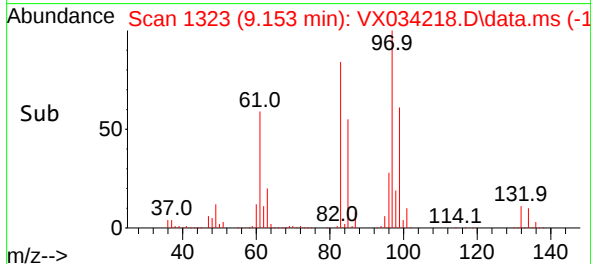


Tgt Ion: 97 Resp: 19994

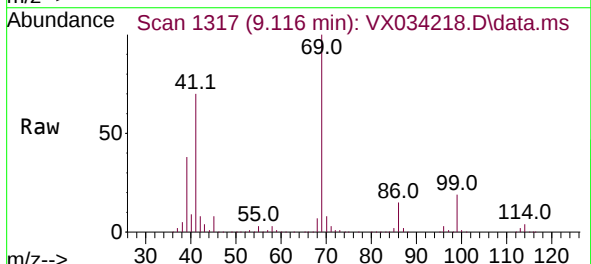
Ion	Ratio	Lower	Upper
97	100		
83	84.3	67.4	101.0
85	55.3	43.2	64.8
99	61.2	50.2	75.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

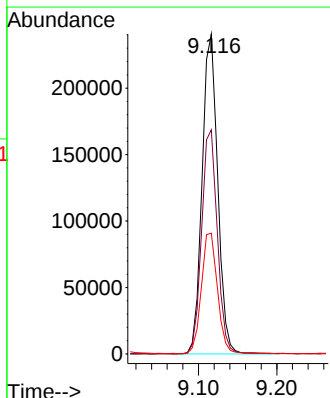
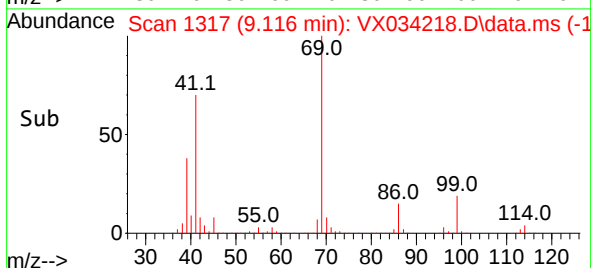


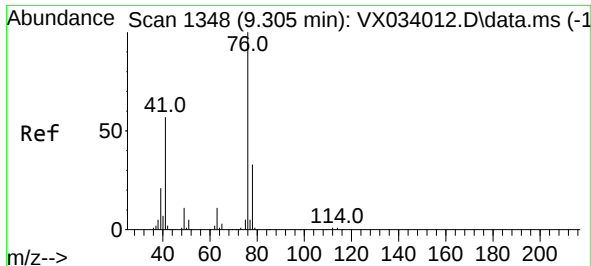
#56
Ethyl methacrylate
Concen: 52.027 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34



Tgt Ion: 69 Resp: 333390

Ion	Ratio	Lower	Upper
69	100		
41	70.5	55.1	82.7
39	38.7	28.5	42.7





#57

1,3-Dichloropropane

Concen: 51.908 ug/l

RT: 9.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034218.D

Acq: 22 Feb 2023 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 342100

Ion Ratio Lower Upper

76 100

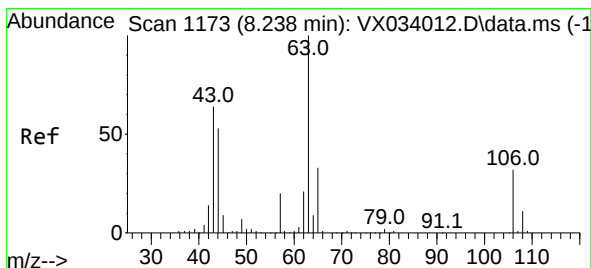
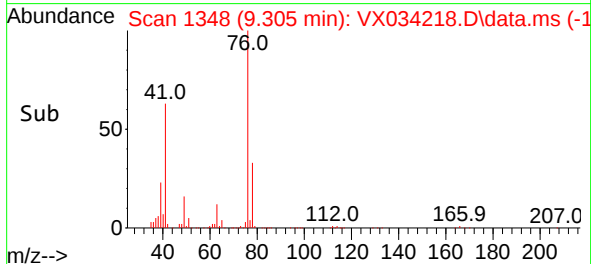
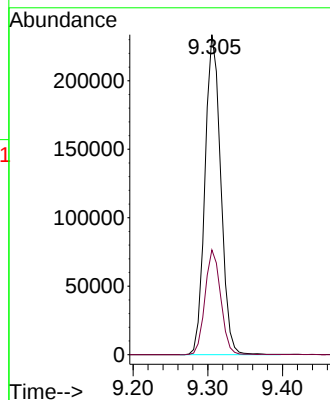
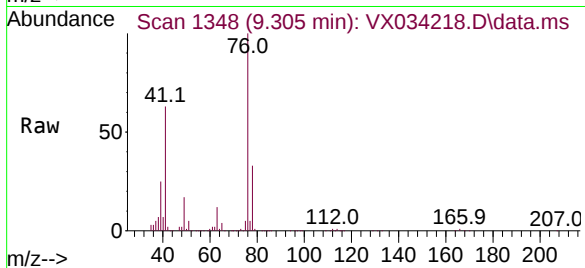
78 32.6 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#58

2-Chloroethyl Vinyl ether

Concen: 253.596 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX034218.D

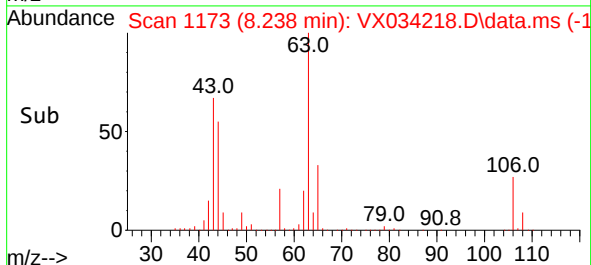
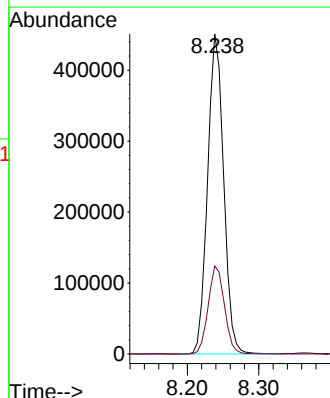
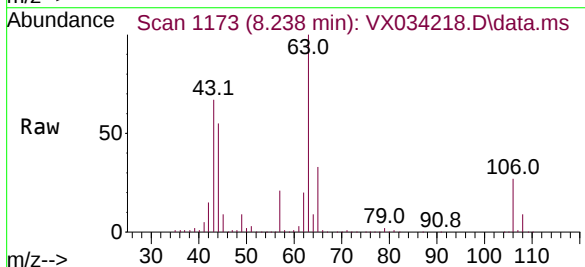
Acq: 22 Feb 2023 10:34

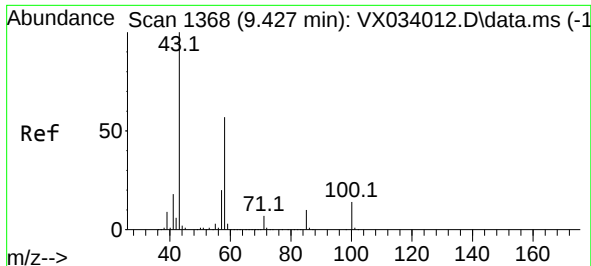
Tgt Ion: 63 Resp: 703954

Ion Ratio Lower Upper

63 100

106 27.8 24.5 36.7





#59

2-Hexanone

Concen: 269.364 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX034218.D

Acq: 22 Feb 2023 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1164110

Ion Ratio Lower Upper

43 100

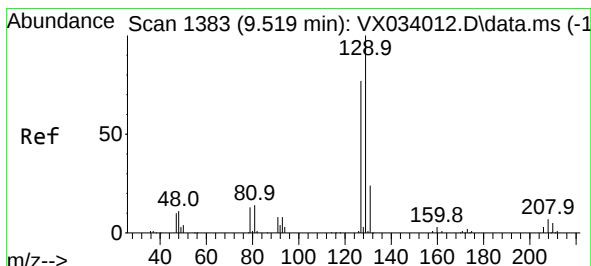
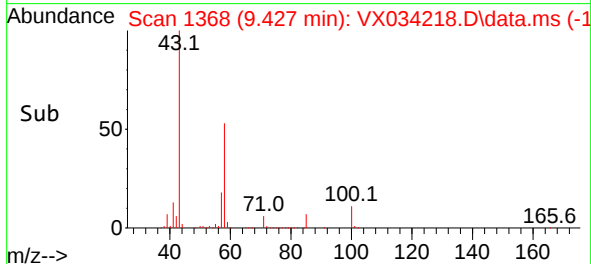
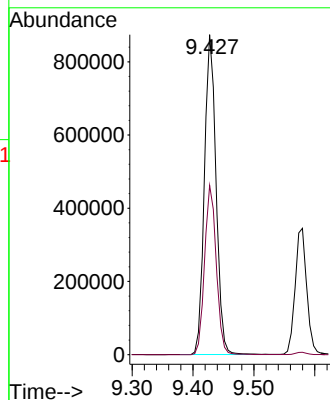
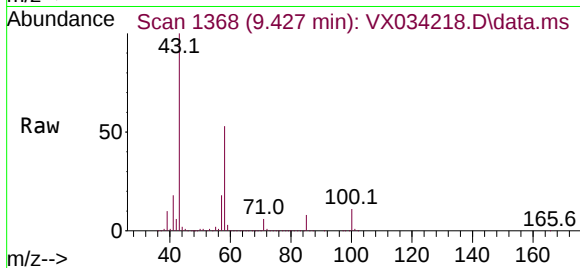
58 53.2 27.4 82.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#60

Dibromochloromethane

Concen: 53.025 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX034218.D

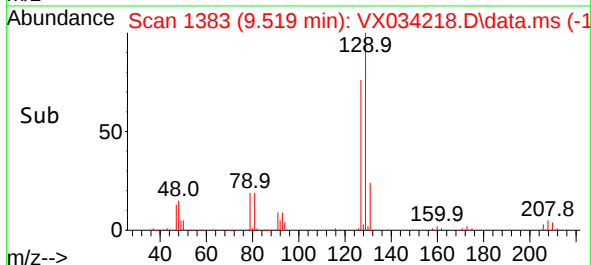
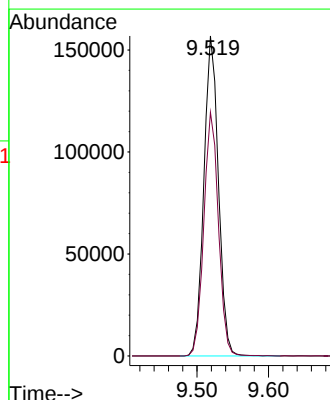
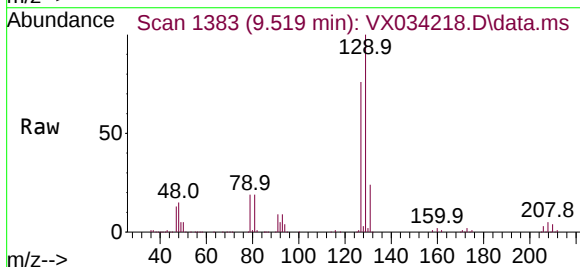
Acq: 22 Feb 2023 10:34

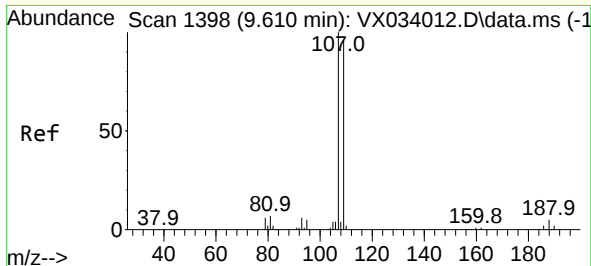
Tgt Ion:129 Resp: 221937

Ion Ratio Lower Upper

129 100

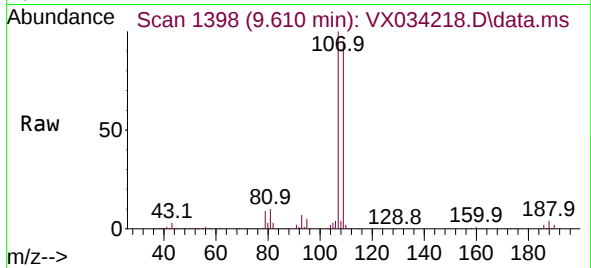
127 76.4 38.8 116.3





#61
1,2-Dibromoethane
Concen: 52.293 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

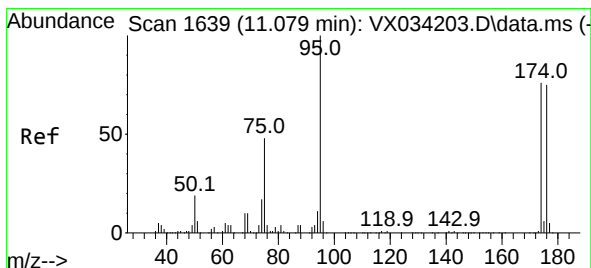
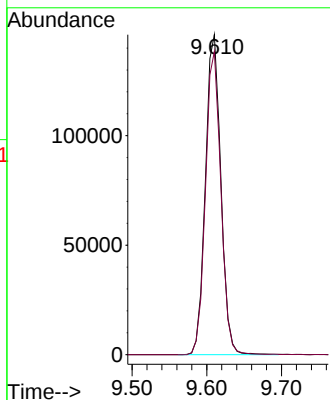
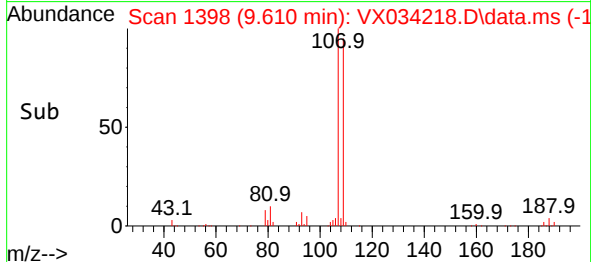
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



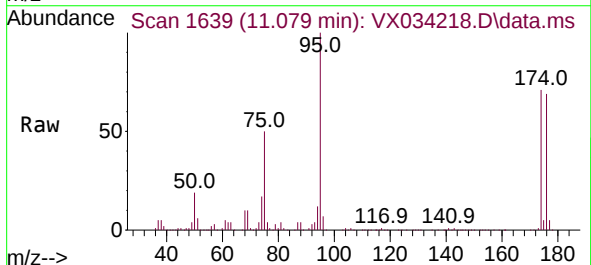
Tgt Ion:107 Resp: 209495
Ion Ratio Lower Upper
107 100
109 94.7 74.2 111.2

Manual Integrations
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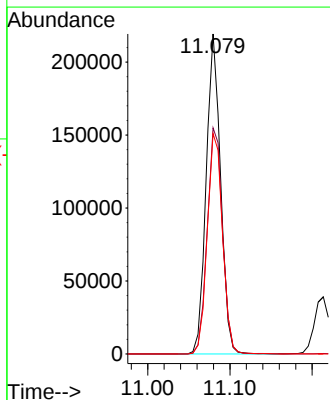
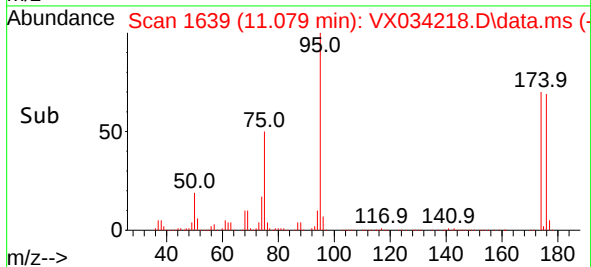
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

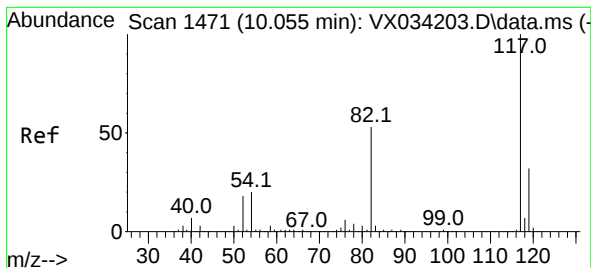


#62
4-Bromofluorobenzene
Concen: 54.847 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34



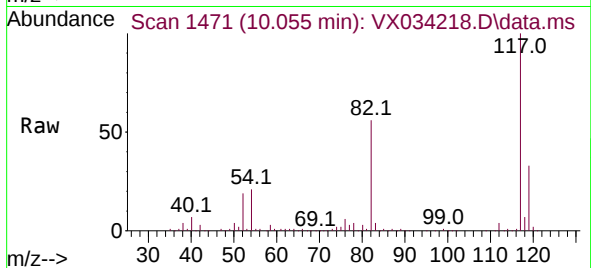
Tgt Ion: 95 Resp: 266181
Ion Ratio Lower Upper
95 100
174 75.1 0.0 184.4
176 73.0 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

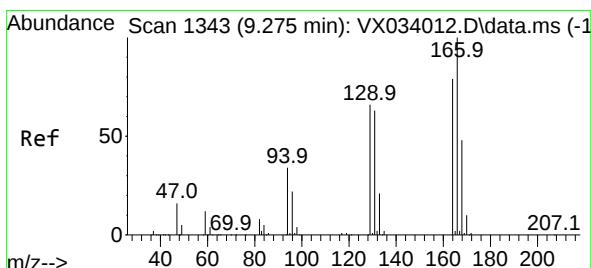
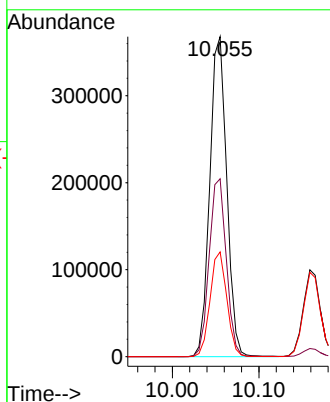
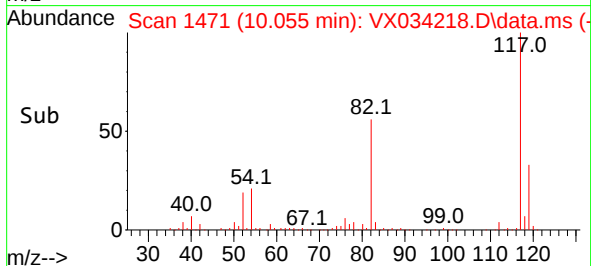
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 499552
Ion Ratio Lower Upper
117 100
82 55.6 40.6 60.8
119 32.7 25.6 38.4

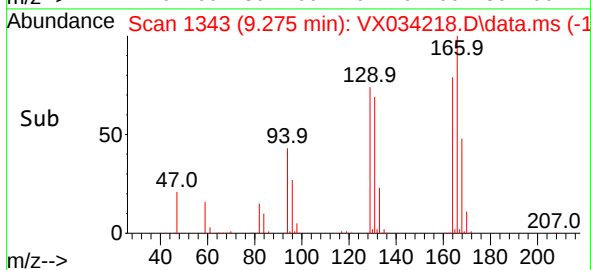
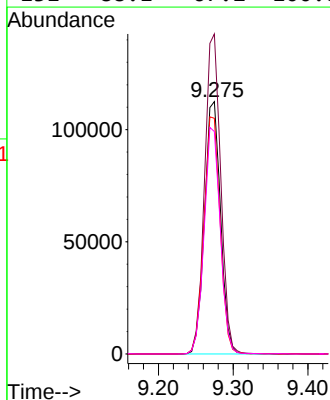
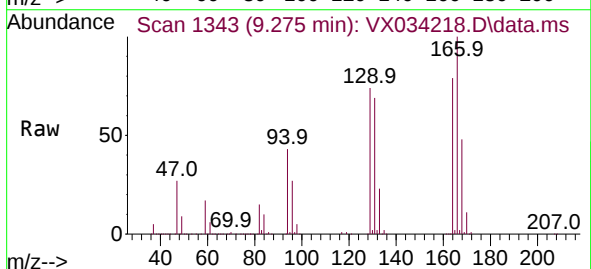
Manual Integrations
APPROVED

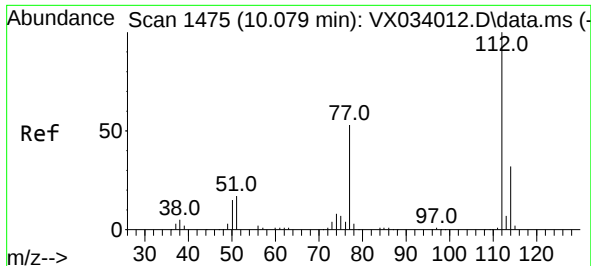
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#64
Tetrachloroethene
Concen: 47.642 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

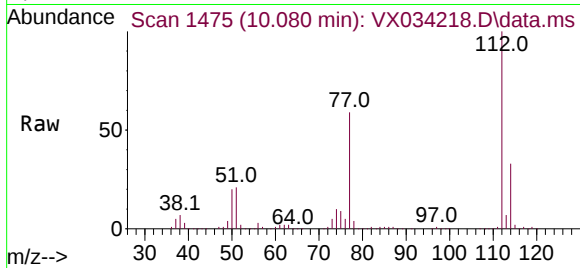
Tgt Ion:164 Resp: 167974
Ion Ratio Lower Upper
164 100
166 126.8 100.2 150.2
129 93.4 69.2 103.8
131 88.1 67.2 100.8





#65
Chlorobenzene
Concen: 50.067 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

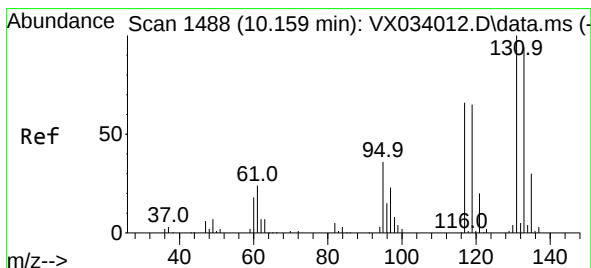
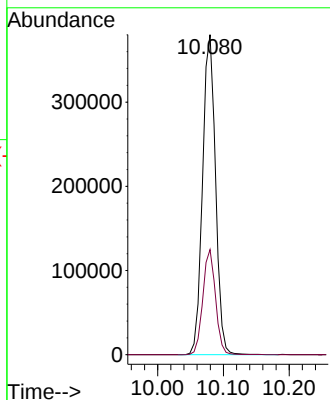
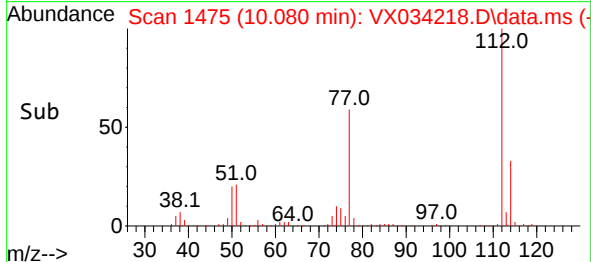
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 521350
Ion Ratio Lower Upper
112 100
114 32.9 26.2 39.4

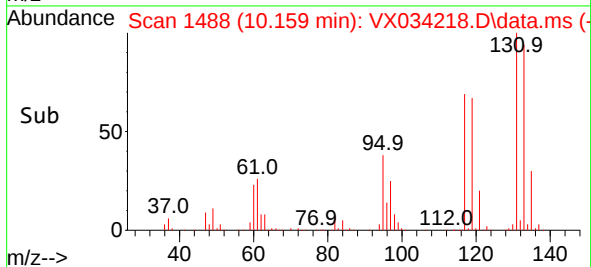
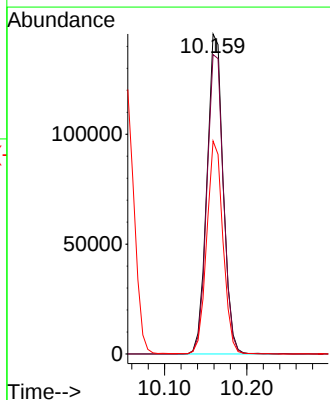
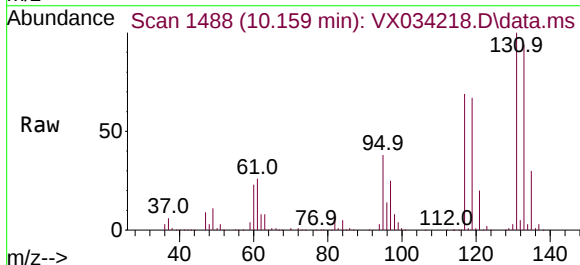
Manual Integrations
APPROVED

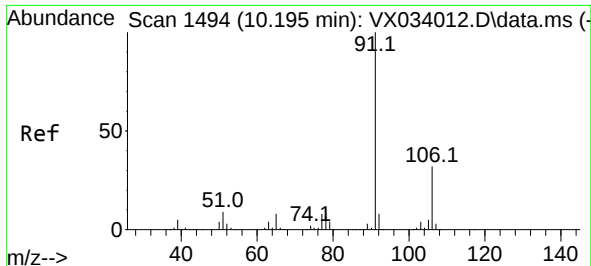
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 49.609 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

Tgt Ion:131 Resp: 199983
Ion Ratio Lower Upper
131 100
133 95.1 48.4 145.0
119 66.3 31.9 95.7





#67

Ethyl Benzene

Concen: 50.264 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX034218.D

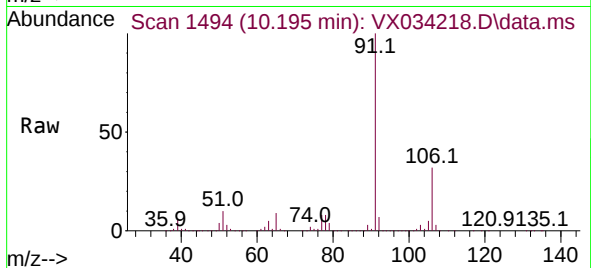
Acq: 22 Feb 2023 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 91 Resp: 940330

Ion Ratio Lower Upper

91 100

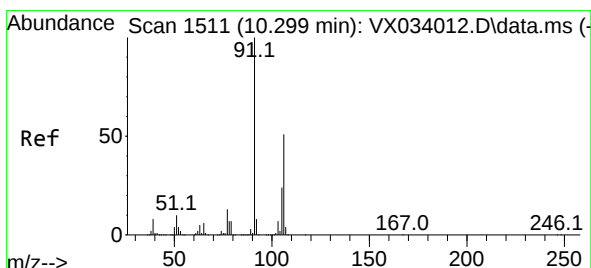
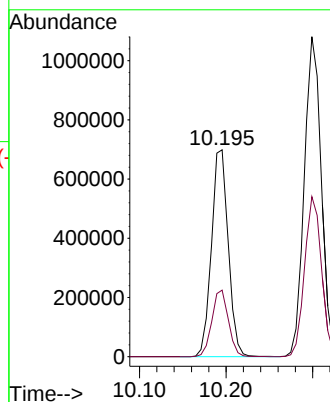
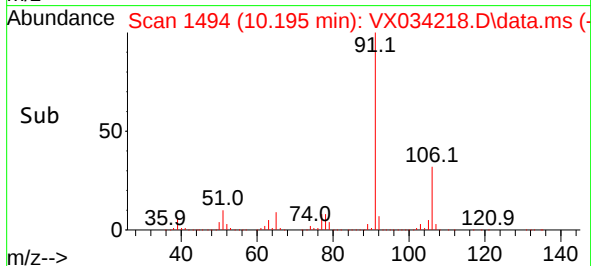
106 32.2 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#68

m/p-Xylenes

Concen: 102.745 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX034218.D

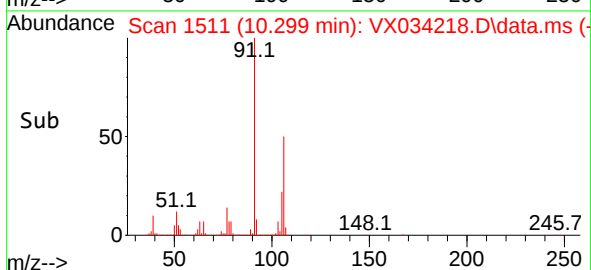
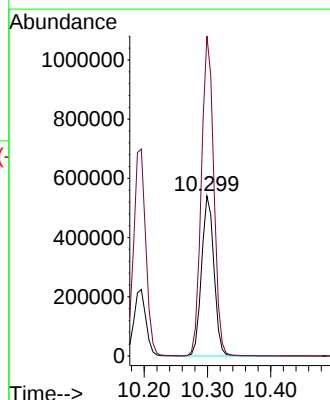
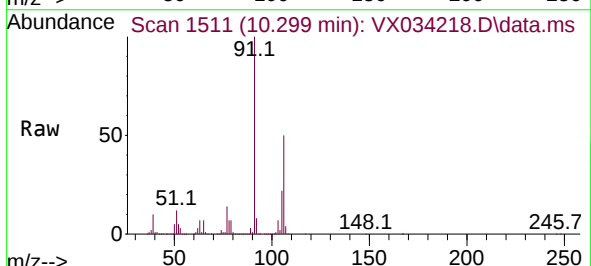
Acq: 22 Feb 2023 10:34

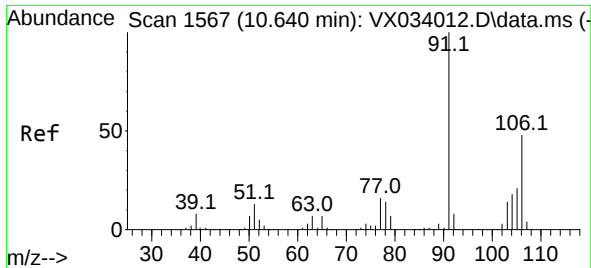
Tgt Ion:106 Resp: 735575

Ion Ratio Lower Upper

106 100

91 201.3 156.4 234.6





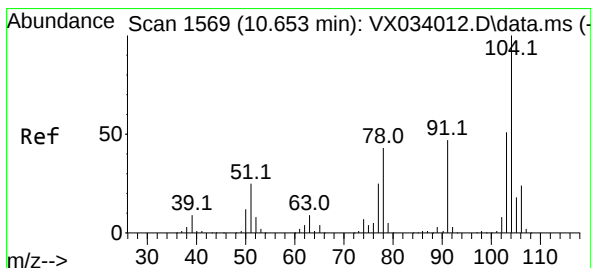
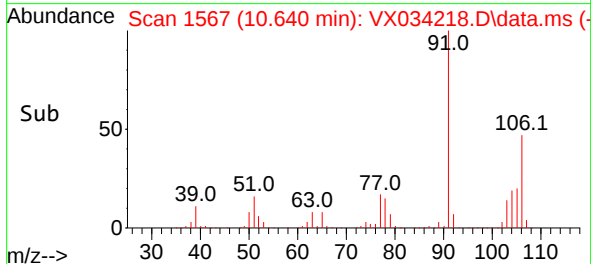
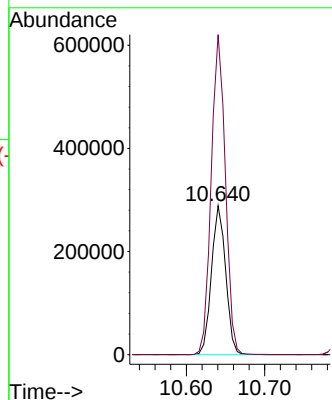
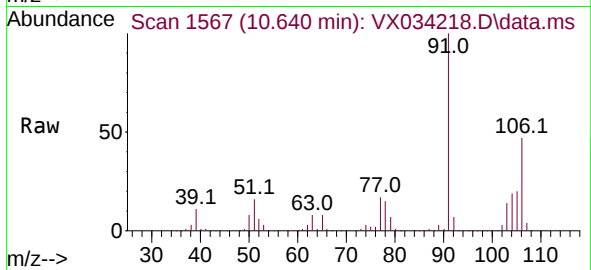
#69
o-Xylene
Concen: 50.879 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 362634
Ion Ratio Lower Upper
106 100
91 214.2 103.1 309.3

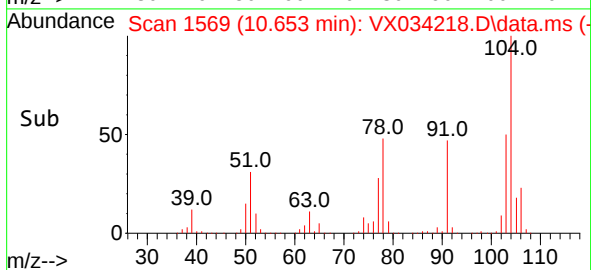
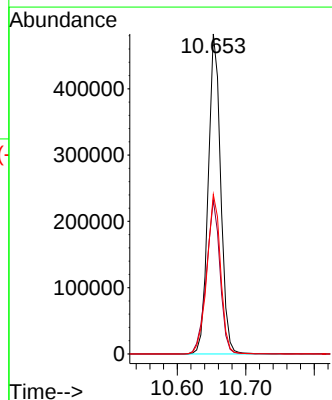
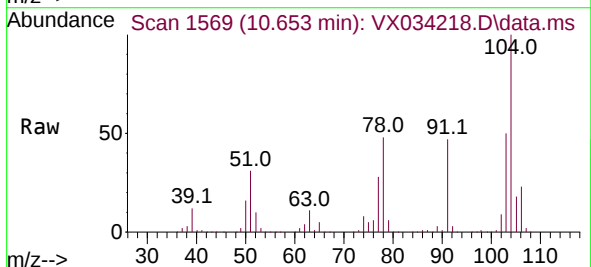
Manual Integrations
APPROVED

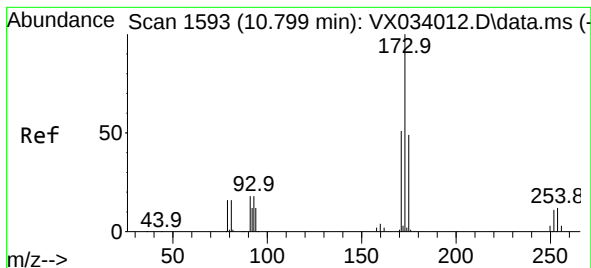
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#70
Styrene
Concen: 52.731 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

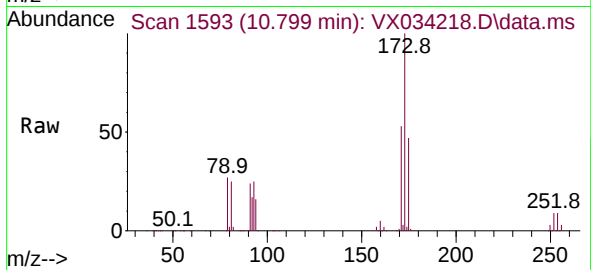
Tgt Ion:104 Resp: 611245
Ion Ratio Lower Upper
104 100
78 52.6 37.5 56.3
103 54.6 43.3 64.9





#71
Bromoform
Concen: 51.050 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

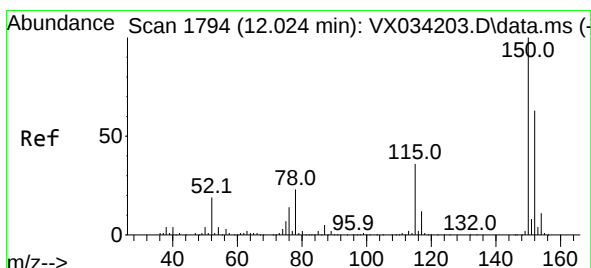
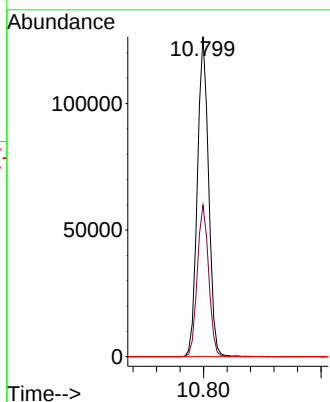
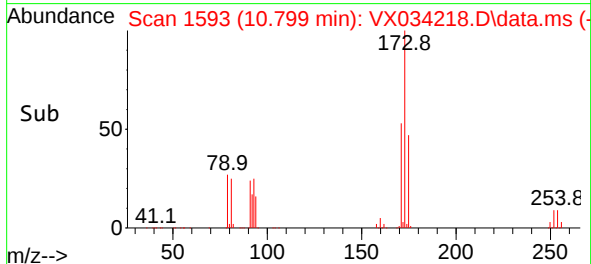
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



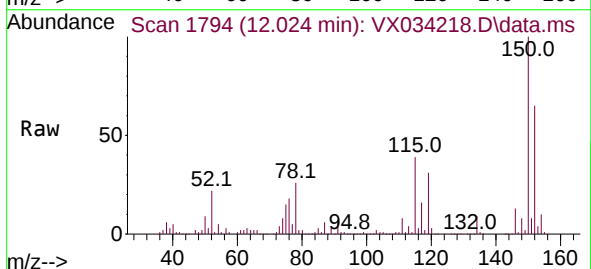
Tgt Ion:173 Resp: 167979
Ion Ratio Lower Upper
173 100
175 48.2 24.1 72.3
254 0.1 0.1 0.1

Manual Integrations
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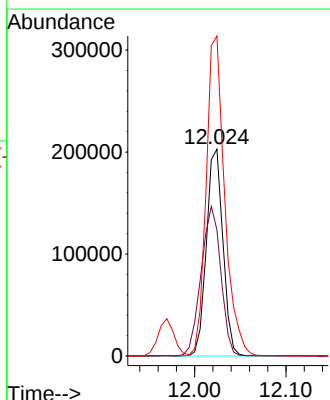
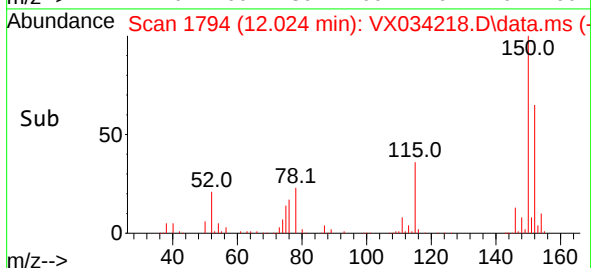
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

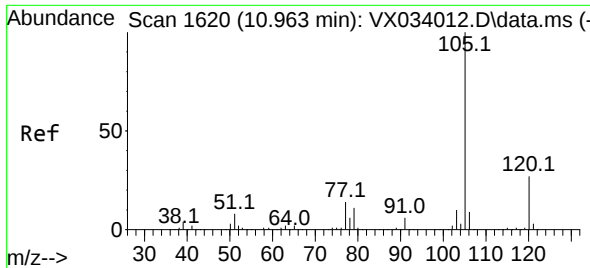


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34



Tgt Ion:152 Resp: 253863
Ion Ratio Lower Upper
152 100
115 86.3 38.7 116.1
150 173.4 0.0 348.2





#73
Isopropylbenzene
Concen: 48.935 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

Instrument :

MSVOA_X

ClientSampleId :

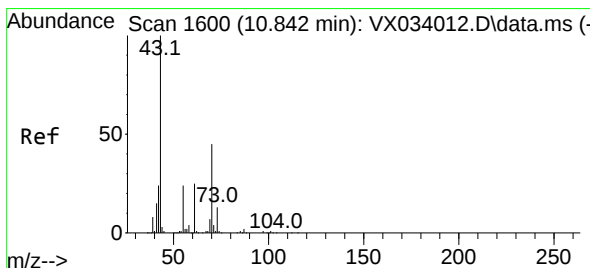
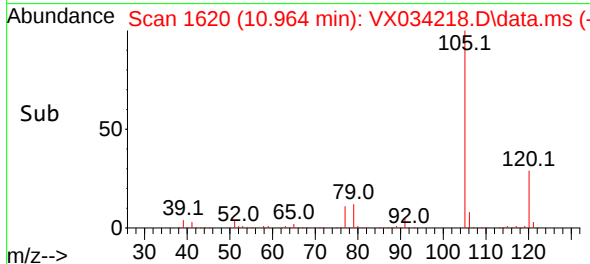
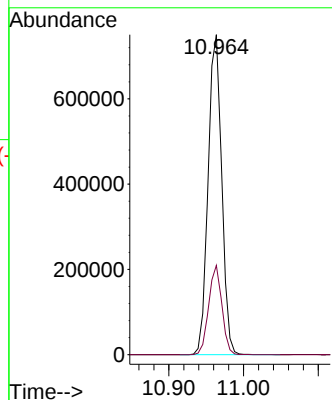
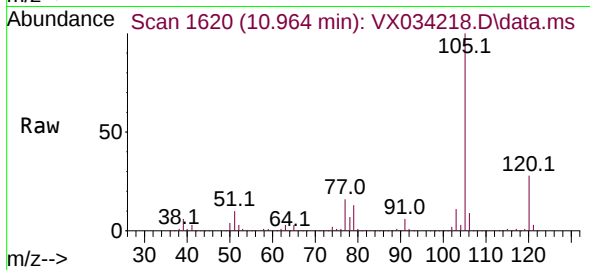
VSTDCCC050

Tgt Ion:105 Resp: 946770
Ion Ratio Lower Upper
105 100
120 27.1 13.6 40.8

Manual Integrations

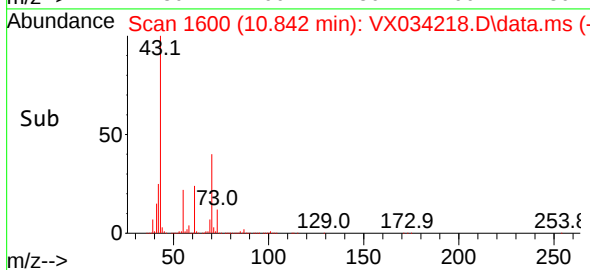
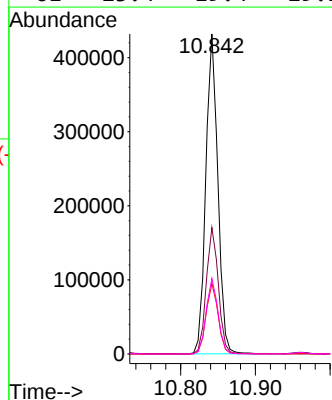
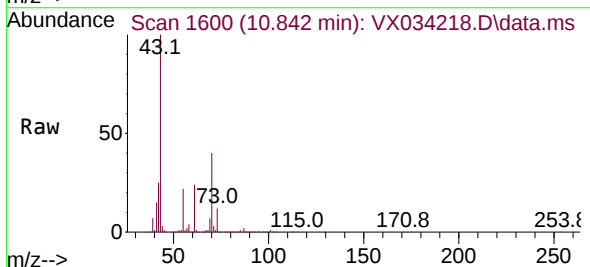
APPROVED

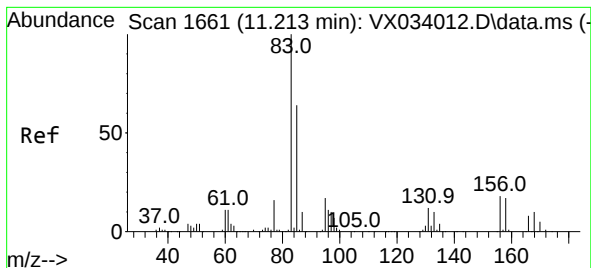
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#74
N-ethyl acetate
Concen: 49.609 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

Tgt Ion: 43 Resp: 482205
Ion Ratio Lower Upper
43 100
70 39.7 34.8 52.2
55 22.1 19.4 29.0
61 23.4 19.4 29.2





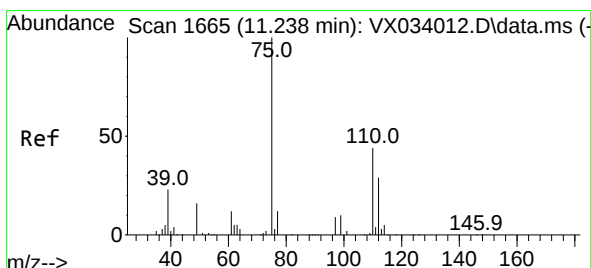
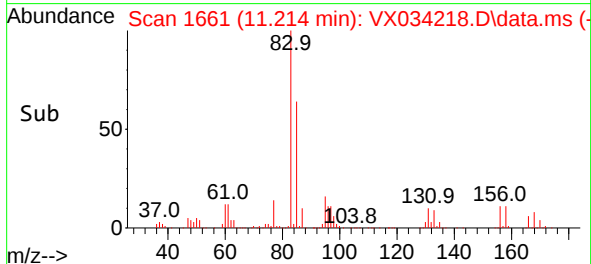
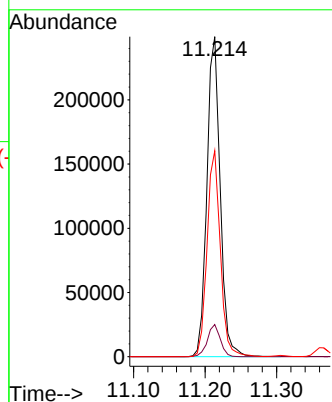
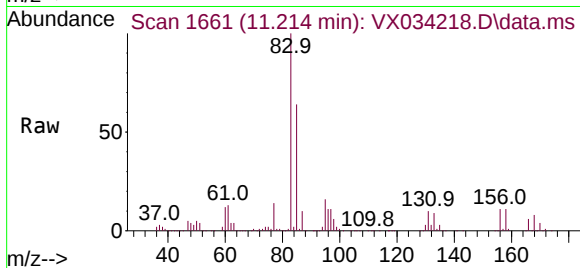
#75
1,1,2,2-Tetrachloroethane
Concen: 48.626 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 32177
Ion Ratio Lower Upper
83 100
131 9.7 5.5 16.7
85 64.2 32.3 96.9

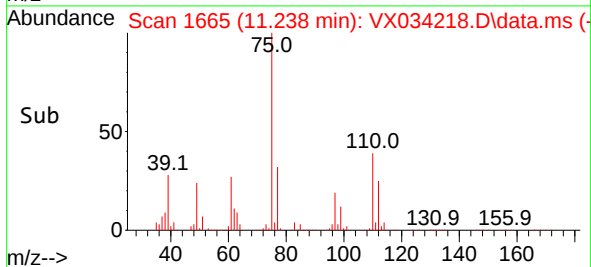
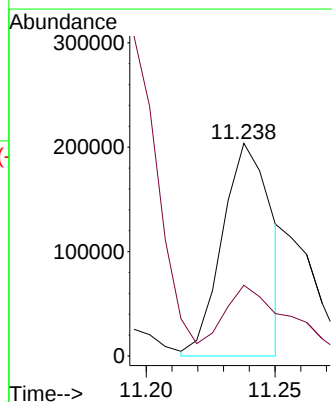
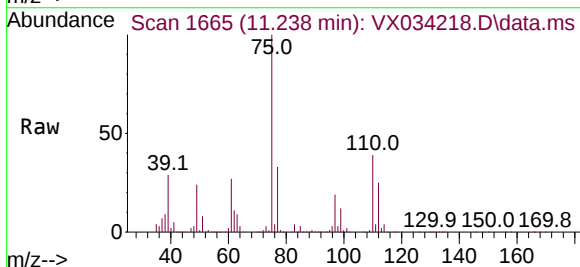
Manual Integrations
APPROVED

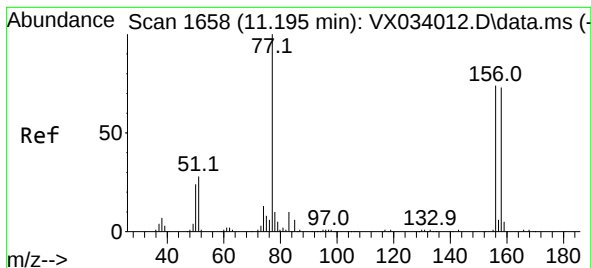
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#76
1,2,3-Trichloropropane
Concen: 42.071 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

Tgt Ion: 75 Resp: 268744
Ion Ratio Lower Upper
75 100
77 44.5 21.8 65.4





#77

Bromobenzene

Concen: 49.148 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX034218.D

Acq: 22 Feb 2023 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

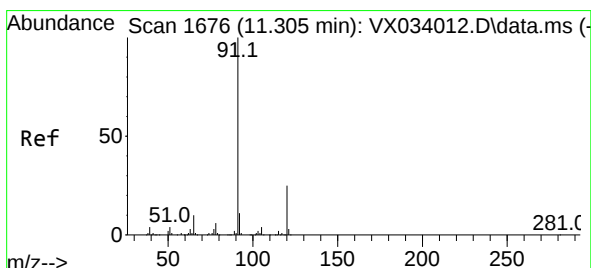
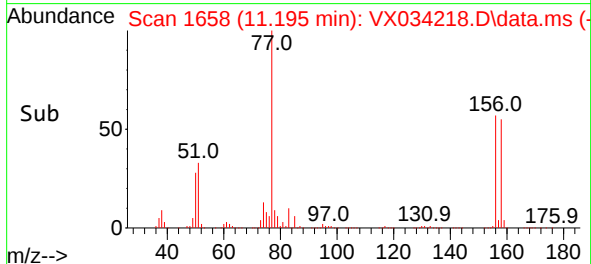
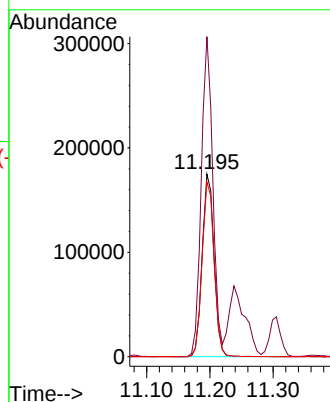
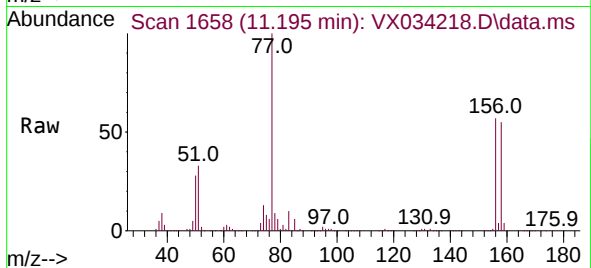
Tgt Ion:156 Resp: 228833
 Ion Ratio Lower Upper
 156 100
 77 170.2 68.1 204.3
 158 96.7 48.0 144.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#78

n-propylbenzene

Concen: 49.975 ug/l

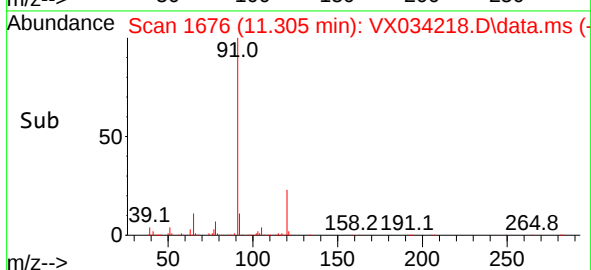
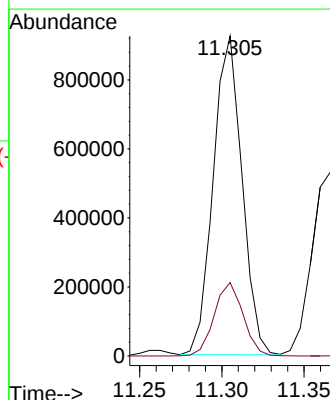
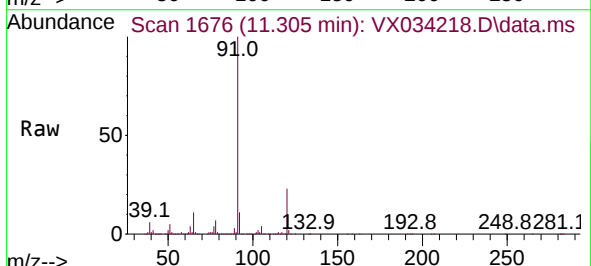
RT: 11.305 min Scan# 1676

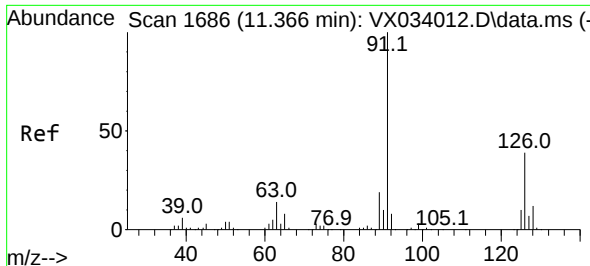
Delta R.T. 0.000 min

Lab File: VX034218.D

Acq: 22 Feb 2023 10:34

Tgt Ion: 91 Resp: 1124524
 Ion Ratio Lower Upper
 91 100
 120 23.1 12.3 36.8





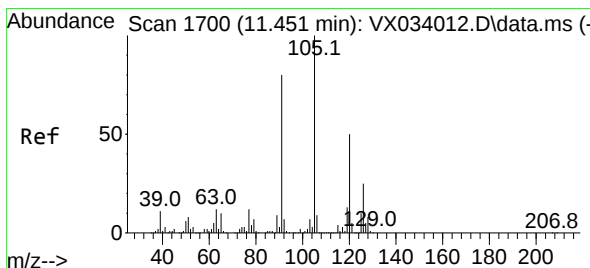
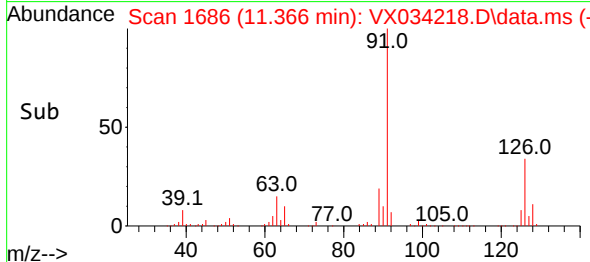
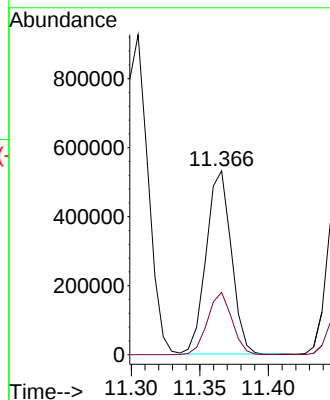
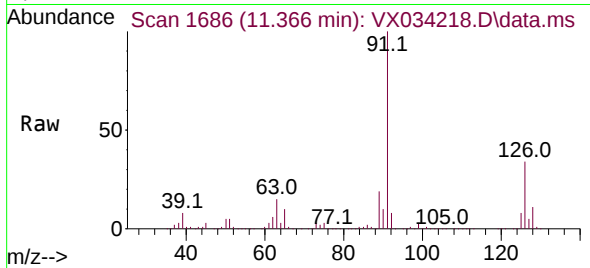
#79
2-Chlorotoluene
Concen: 49.084 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 67723
Ion Ratio Lower Upper
91 100
126 33.1 18.1 54.1

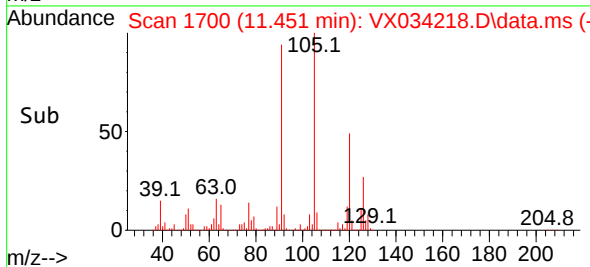
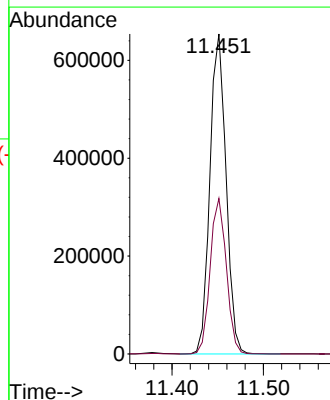
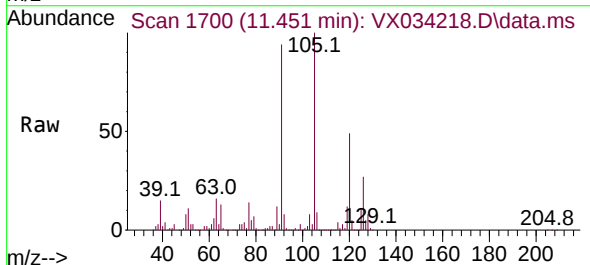
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.119 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

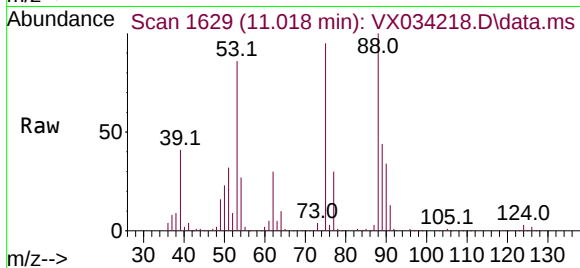
Tgt Ion:105 Resp: 799001
Ion Ratio Lower Upper
105 100
120 48.7 25.6 76.8





#81
trans-1,4-Dichloro-2-butene
Concen: 46.843 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

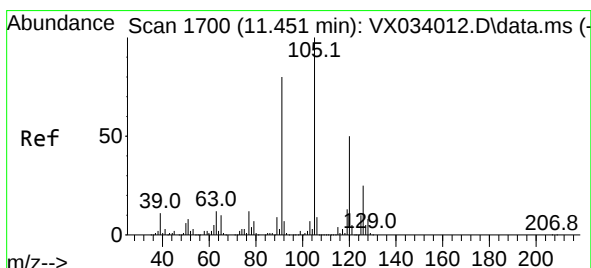
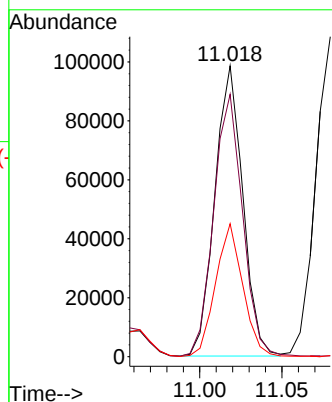
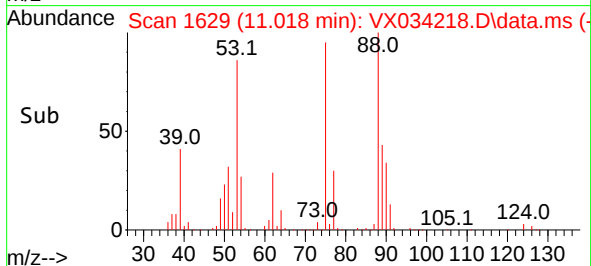
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 11648
Ion Ratio Lower Upper
75 100
53 93.2 83.0 124.6
89 44.5 37.7 56.5

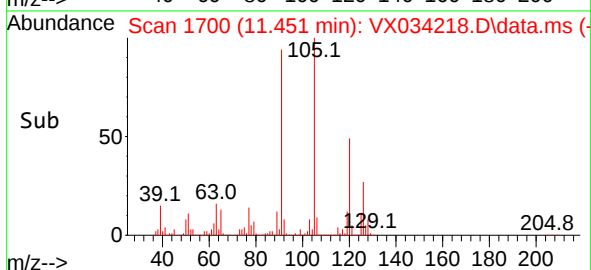
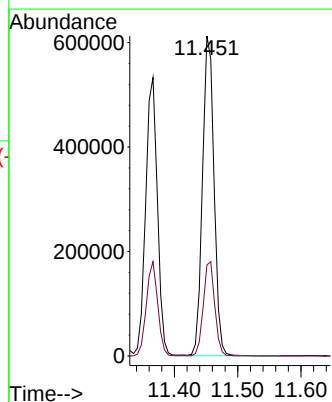
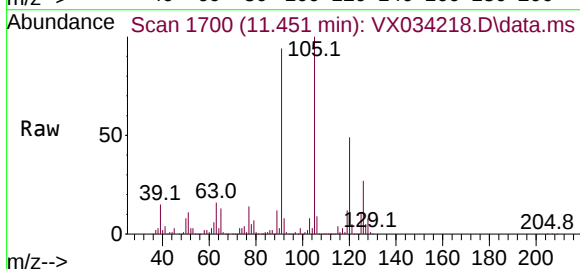
Manual Integrations
APPROVED

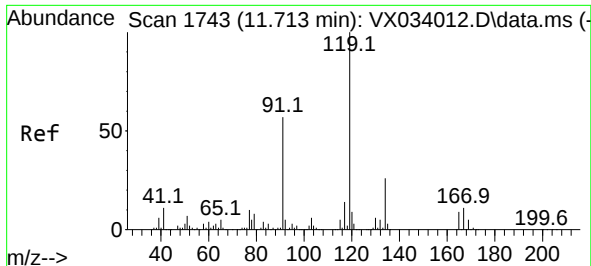
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#82
4-Chlorotoluene
Concen: 49.664 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

Tgt Ion: 91 Resp: 780467
Ion Ratio Lower Upper
91 100
126 29.3 15.8 47.4





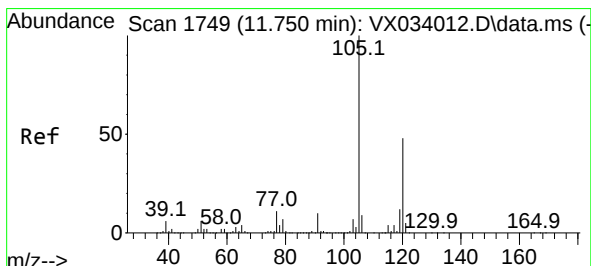
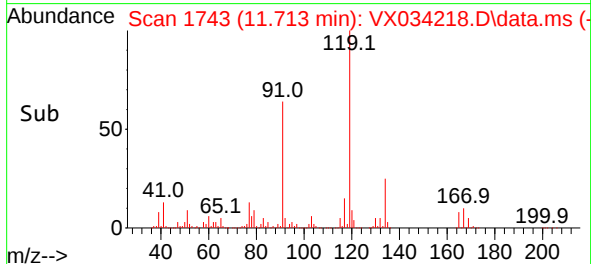
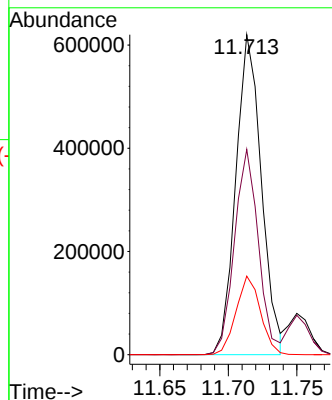
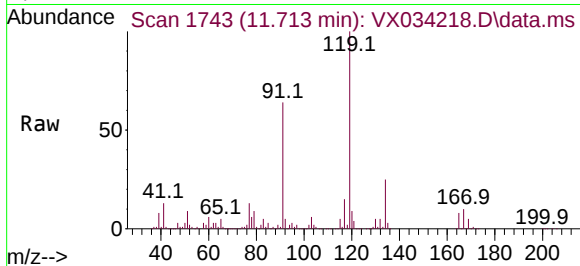
#83
tert-Butylbenzene
Concen: 48.303 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 804719
Ion Ratio Lower Upper
119 100
91 60.3 26.9 80.7
134 23.5 12.3 36.8

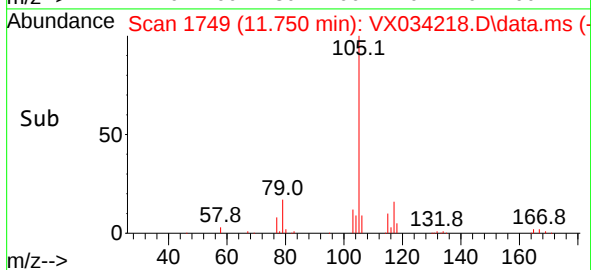
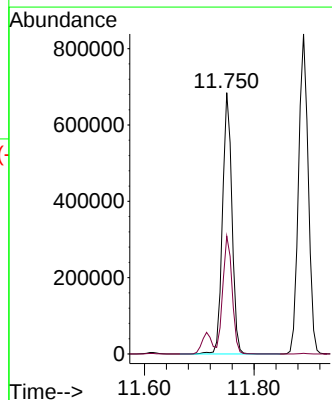
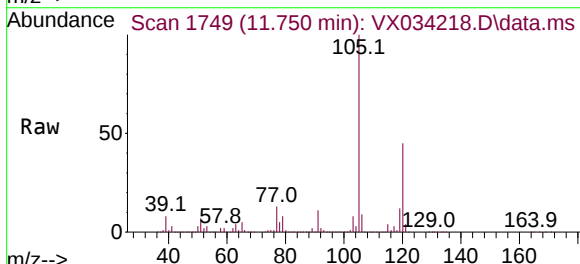
Manual Integrations
APPROVED

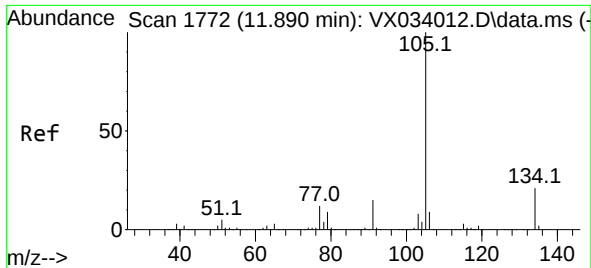
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#84
1,2,4-Trimethylbenzene
Concen: 49.625 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

Tgt Ion:105 Resp: 816195
Ion Ratio Lower Upper
105 100
120 44.5 23.4 70.2





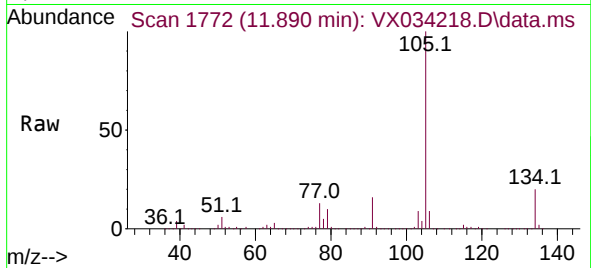
#85
 sec-Butylbenzene
 Concen: 50.481 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034218.D
 Acq: 22 Feb 2023 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



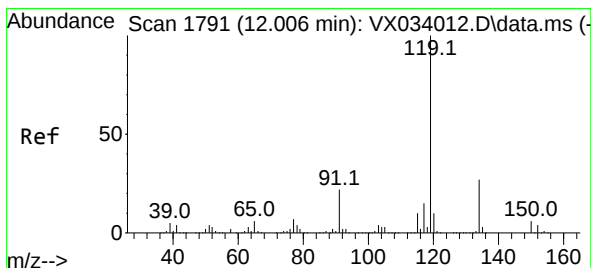
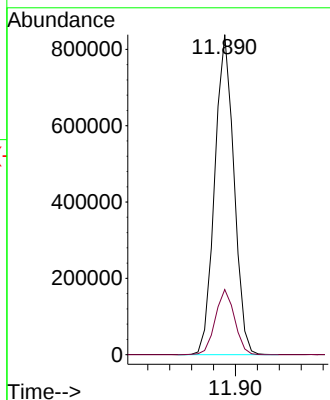
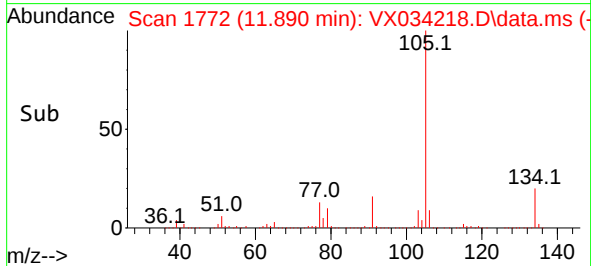
Tgt Ion:105 Resp: 1021289
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.8 32.3

Manual Integrations

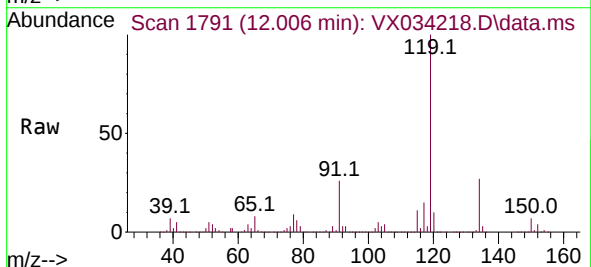
APPROVED

Reviewed By :John Carlone 02/23/2023

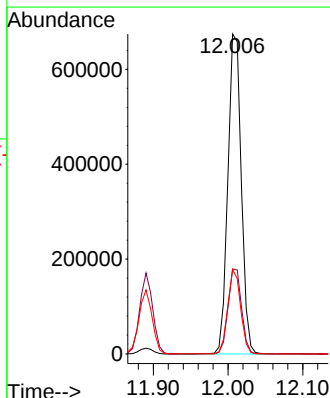
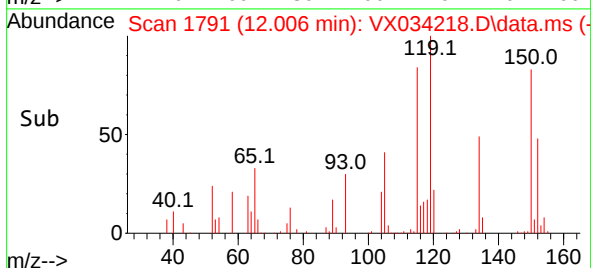
Supervised By :Mahesh Dadoda 02/23/2023

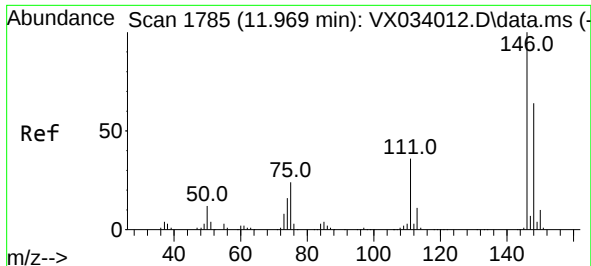


#86
 p-Isopropyltoluene
 Concen: 50.344 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX034218.D
 Acq: 22 Feb 2023 10:34



Tgt Ion:119 Resp: 842935
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.6 40.8
 91 25.3 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 50.366 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034218.D

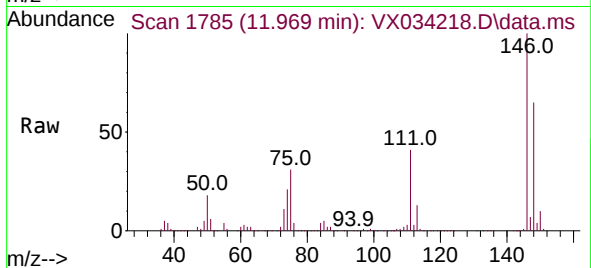
Acq: 22 Feb 2023 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion:146 Resp: 439794

Ion Ratio Lower Upper

146 100

111 41.3 18.6 55.6

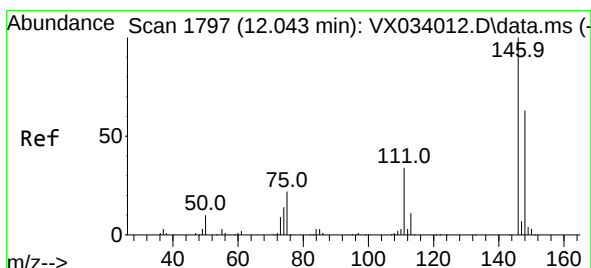
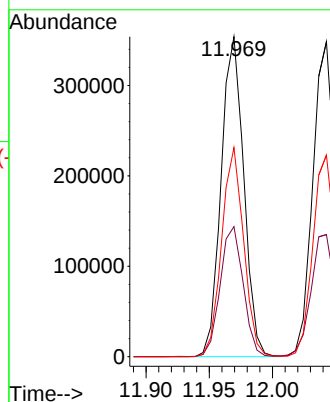
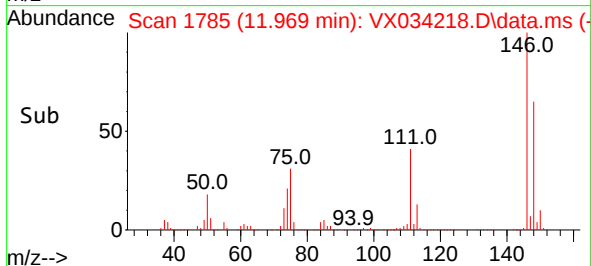
148 63.5 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#88

1,4-Dichlorobenzene

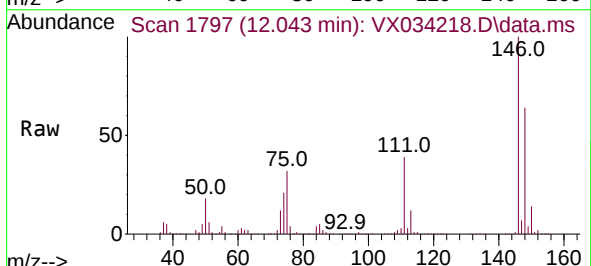
Concen: 49.683 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX034218.D

Acq: 22 Feb 2023 10:34



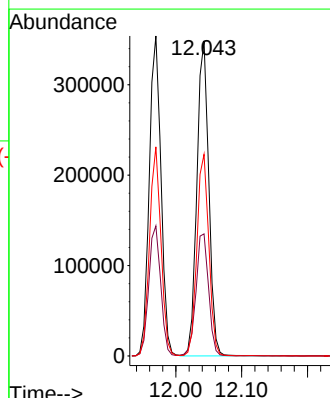
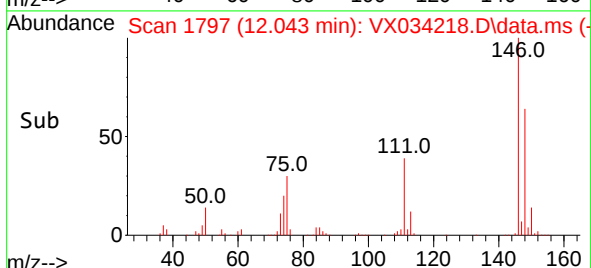
Tgt Ion:146 Resp: 437579

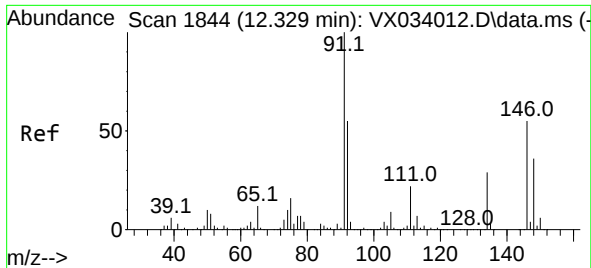
Ion Ratio Lower Upper

146 100

111 40.9 17.8 53.4

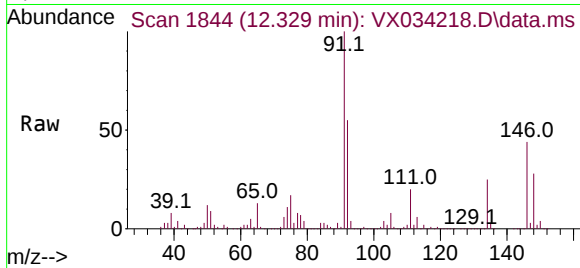
148 63.8 32.1 96.3





#89
n-Butylbenzene
Concen: 51.336 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

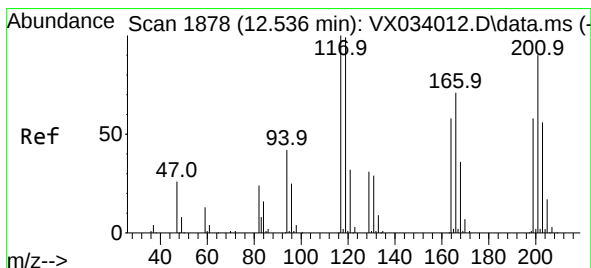
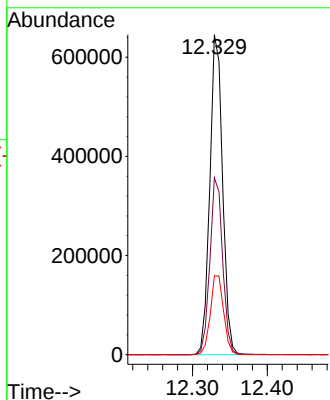
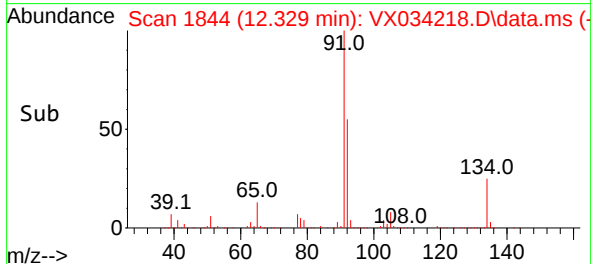
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 76555
Ion Ratio Lower Upper
91 100
92 55.2 27.5 82.5
134 25.8 14.3 42.9

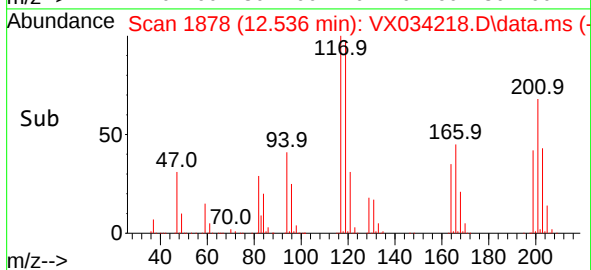
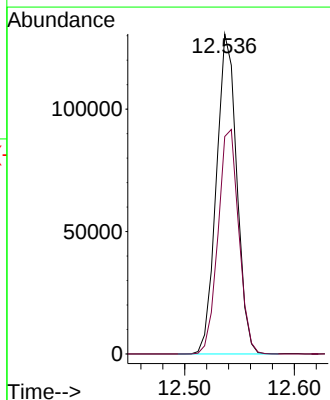
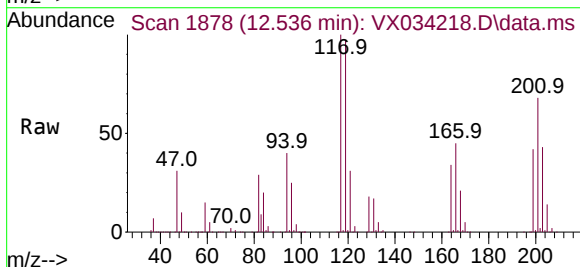
Manual Integrations
APPROVED

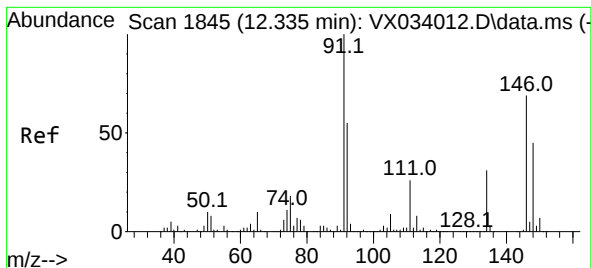
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#90
Hexachloroethane
Concen: 48.363 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

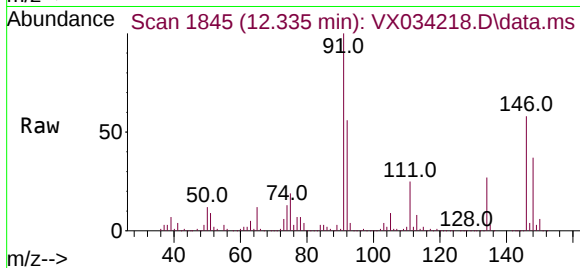
Tgt Ion:117 Resp: 169308
Ion Ratio Lower Upper
117 100
201 71.3 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 49.905 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

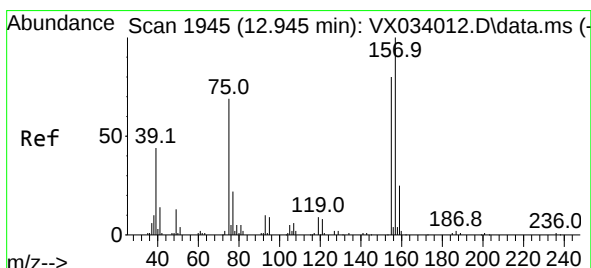
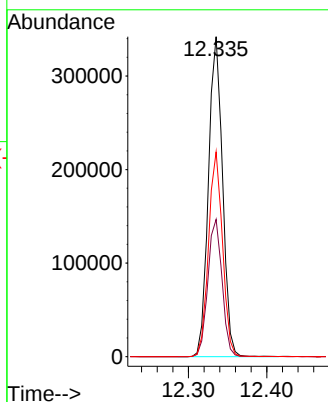
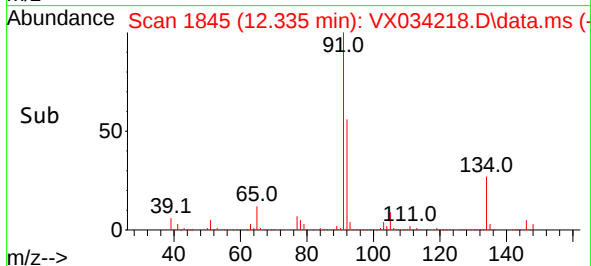
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



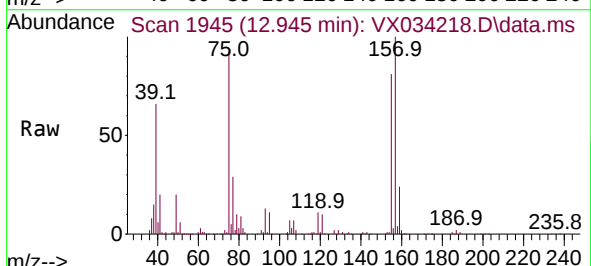
Tgt Ion:146 Resp: 426362
Ion Ratio Lower Upper
146 100
111 43.3 19.3 57.8
148 63.3 32.3 96.9

Manual Integrations
APPROVED

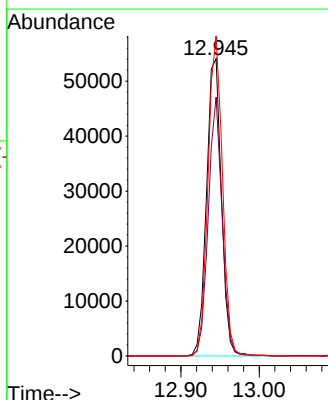
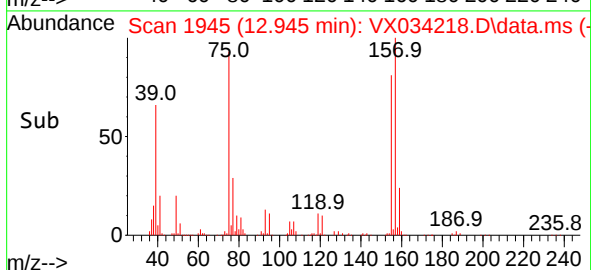
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

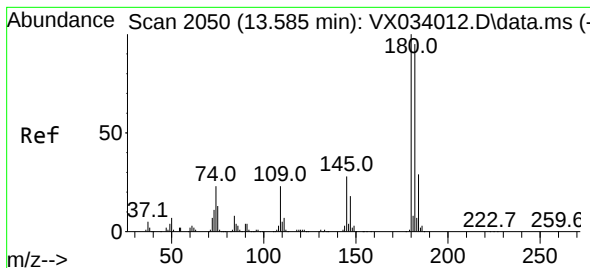


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.114 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34



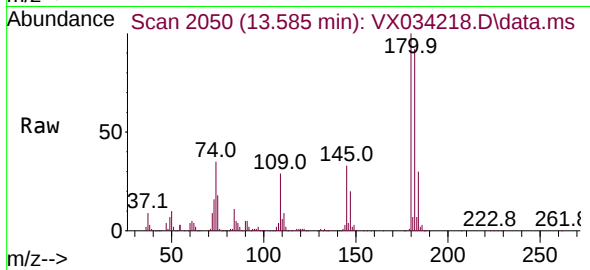
Tgt Ion: 75 Resp: 71190
Ion Ratio Lower Upper
75 100
155 81.2 51.7 155.1
157 104.8 67.5 202.3





#93
1,2,4-Trichlorobenzene
Concen: 49.592 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

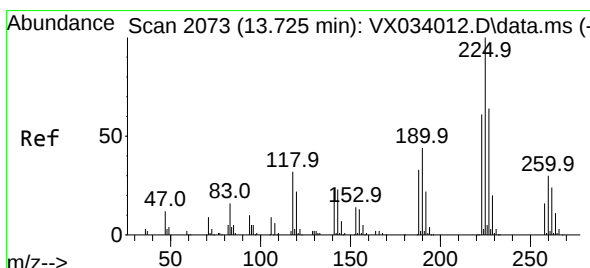
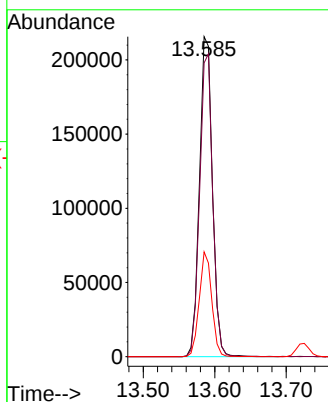
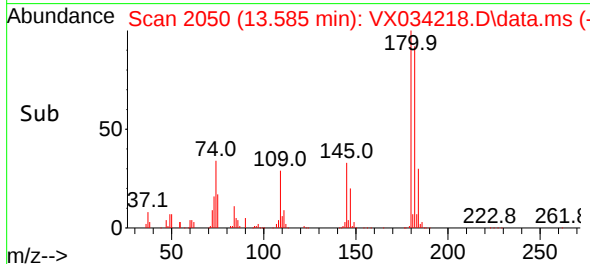
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



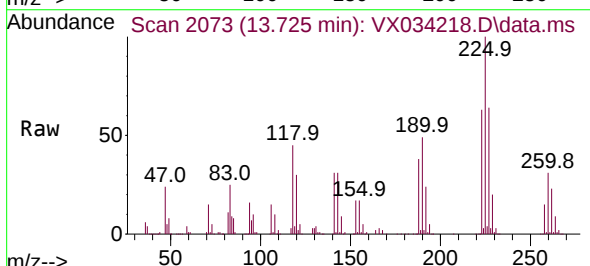
Tgt Ion:180 Resp: 272014
Ion Ratio Lower Upper
180 100
182 94.9 47.9 143.6
145 31.6 14.1 42.2

Manual Integrations
APPROVED

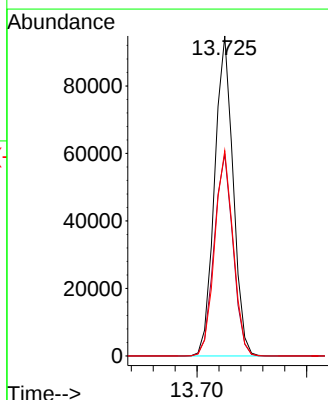
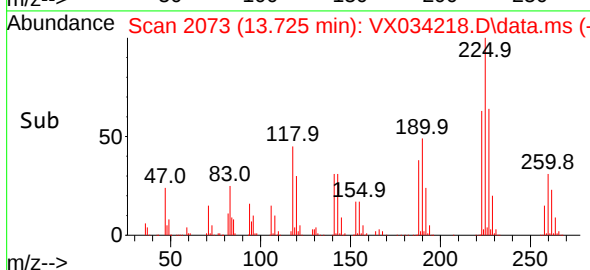
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

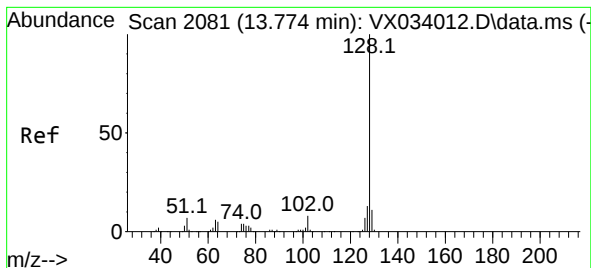


#94
Hexachlorobutadiene
Concen: 48.941 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34



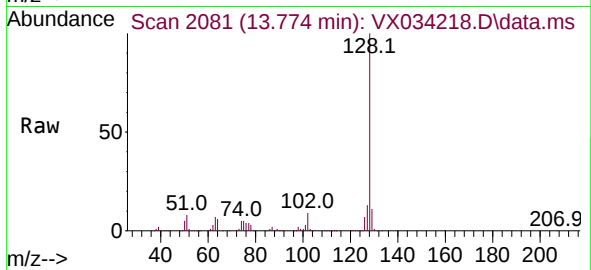
Tgt Ion:225 Resp: 111282
Ion Ratio Lower Upper
225 100
223 64.0 31.3 93.9
227 63.9 32.3 96.9





#95
Naphthalene
Concen: 48.360 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

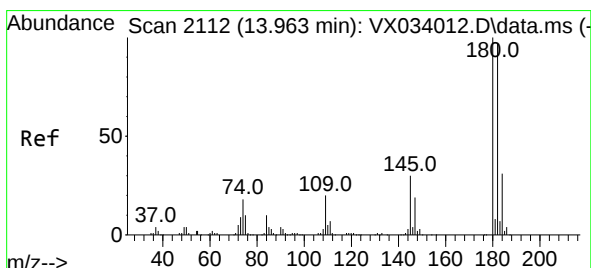
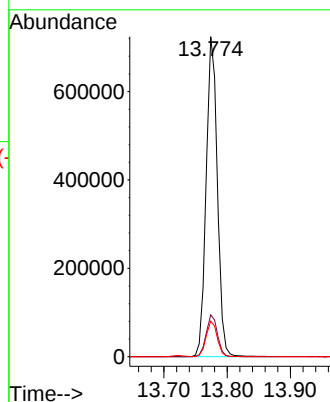
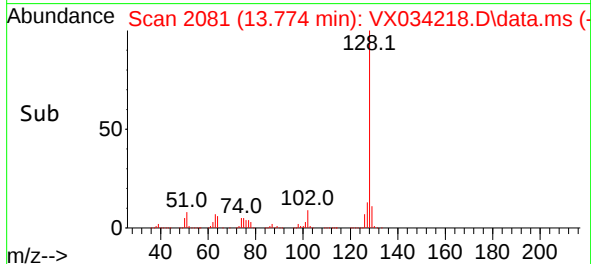
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 893572
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#96
1,2,3-Trichlorobenzene
Concen: 49.540 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034218.D
Acq: 22 Feb 2023 10:34

Tgt Ion:180 Resp: 269764
Ion Ratio Lower Upper
180 100
182 95.3 47.6 142.9
145 33.2 15.1 45.3

