

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061623\
 Data File : VX036181.D
 Acq On : 16 Jun 2023 13:37
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 16 14:55:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 14:52:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	173193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	319576	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	298775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	147979	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	168824	53.341	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.680%	
35) Dibromofluoromethane	5.385	113	113113	52.196	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.400%	
50) Toluene-d8	8.647	98	413972	52.223	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.440%	
62) 4-Bromofluorobenzene	11.079	95	171276	53.526	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.060%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	106005	49.864	ug/l	100
3) Chloromethane	1.294	50	113335	50.389	ug/l	99
4) Vinyl Chloride	1.374	62	108413	50.596	ug/l	100
5) Bromomethane	1.617	94	66275	50.317	ug/l	98
6) Chloroethane	1.691	64	73234	52.822	ug/l	98
7) Trichlorofluoromethane	1.886	101	178027	51.340	ug/l	99
8) Diethyl Ether	2.130	74	66851	51.795	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	100389	50.765	ug/l	97
10) Methyl Iodide	2.453	142	112979	55.409	ug/l	99
11) Tert butyl alcohol	2.995	59	116097	239.859	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	95110	50.862	ug/l	100
13) Acrolein	2.239	56	134100	249.563	ug/l	100
14) Allyl chloride	2.666	41	203003	53.653	ug/l	97
15) Acrylonitrile	3.062	53	324530	262.187	ug/l	100
16) Acetone	2.392	43	322841	269.871	ug/l	99
17) Carbon Disulfide	2.514	76	243450	52.671	ug/l	99
18) Methyl Acetate	2.703	43	264612	53.059	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	386746	52.832	ug/l	99
20) Methylene Chloride	2.788	84	116992	49.106	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	105857	50.951	ug/l	95
22) Diisopropyl ether	3.757	45	402882	53.509	ug/l	95
23) Vinyl Acetate	3.721	43	1486962	278.650	ug/l	99
24) 1,1-Dichloroethane	3.611	63	217710	52.334	ug/l	99
25) 2-Butanone	4.556	43	481706	261.700	ug/l	99
26) 2,2-Dichloropropane	4.477	77	173166	53.529	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	124392	52.358	ug/l	97
28) Bromochloromethane	4.897	49	115826	53.411	ug/l	95
29) Tetrahydrofuran	5.007	42	309991	265.158	ug/l	98
30) Chloroform	5.092	83	227553	51.939	ug/l	95
31) Cyclohexane	5.477	56	174389	51.362	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	198609	53.470	ug/l	98
36) 1,1-Dichloropropene	5.696	75	162963	51.050	ug/l	97
37) Ethyl Acetate	4.715	43	189998	51.086	ug/l	99
38) Carbon Tetrachloride	5.672	117	163517	52.693	ug/l	94
39) Methylcyclohexane	7.379	83	175512	51.050	ug/l	97
40) Benzene	6.037	78	465642	51.871	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	109544	53.423	ug/l	98
42) 1,2-Dichloroethane	6.086	62	210412	52.029	ug/l	100
43) Isopropyl Acetate	6.336	43	310047	54.472	ug/l	99
44) Trichloroethene	7.123	130	115659	51.558	ug/l	93
45) 1,2-Dichloropropane	7.434	63	125835	52.725	ug/l	100
46) Dibromomethane	7.580	93	89543	52.667	ug/l	99
47) Bromodichloromethane	7.824	83	176283	54.008	ug/l	98
48) Methyl methacrylate	7.690	41	157972	54.096	ug/l	98
49) 1,4-Dioxane	7.696	88	55378	1132.641	ug/l #	99
51) 4-Methyl-2-Pentanone	8.574	43	973525	270.878	ug/l	99
52) Toluene	8.720	92	299436	53.277	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	189354	49.230	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	202108	50.204	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	122978	53.002	ug/l	96
56) Ethyl methacrylate	9.116	69	196272	49.944	ug/l	95
57) 1,3-Dichloropropane	9.311	76	218615	52.963	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	520951	269.663	ug/l	99
59) 2-Hexanone	9.427	43	746112	279.243	ug/l	98
60) Dibromochloromethane	9.525	129	124560	55.001	ug/l	98
61) 1,2-Dibromoethane	9.610	107	130385	53.894	ug/l	99
64) Tetrachloroethene	9.275	164	94899	51.052	ug/l	99
65) Chlorobenzene	10.079	112	316449	51.113	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	115541	54.079	ug/l	99
67) Ethyl Benzene	10.195	91	587192	53.106	ug/l	99
68) m/p-Xylenes	10.299	106	442447	106.061	ug/l	98
69) o-Xylene	10.640	106	219065	53.226	ug/l	98
70) Styrene	10.652	104	371794	54.214	ug/l	98
71) Bromoform	10.799	173	81528	48.862	ug/l #	99
73) Isopropylbenzene	10.963	105	572311	52.121	ug/l	100
74) N-amyl acetate	10.841	43	271473	54.712	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	195890	52.101	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	221955	60.359	ug/l	89
77) Bromobenzene	11.195	156	130265	50.636	ug/l	94
78) n-propylbenzene	11.305	91	677065	52.416	ug/l	98
79) 2-Chlorotoluene	11.366	91	415172	51.100	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	492428	52.667	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	54620	48.326	ug/l	95
82) 4-Chlorotoluene	11.451	91	488053	51.556	ug/l	98
83) tert-Butylbenzene	11.713	119	465283	52.345	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	499188	53.526	ug/l	99
85) sec-Butylbenzene	11.890	105	577585	52.186	ug/l	100
86) p-Isopropyltoluene	12.006	119	493016	52.945	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	249842	50.925	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	252747	51.063	ug/l	99
89) n-Butylbenzene	12.329	91	439334	52.867	ug/l	99
90) Hexachloroethane	12.536	117	77667	47.048	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	250349	51.992	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	45174	54.474	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	137571	50.401	ug/l	99
94) Hexachlorobutadiene	13.725	225	51001	47.266	ug/l	98
95) Naphthalene	13.774	128	501903	53.309	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	138471	50.590	ug/l	98

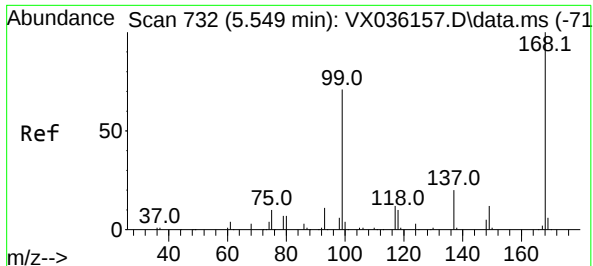
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ClientSampleId :
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Response via : Initial Calibration

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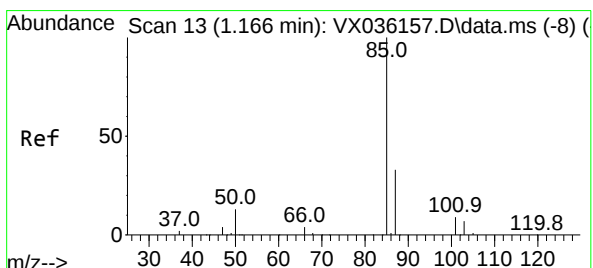
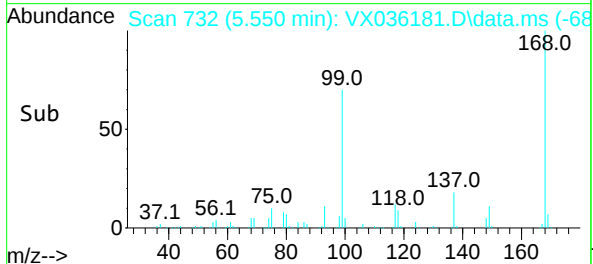
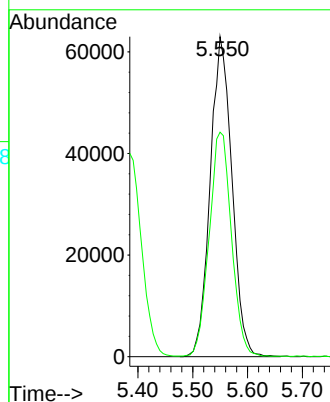
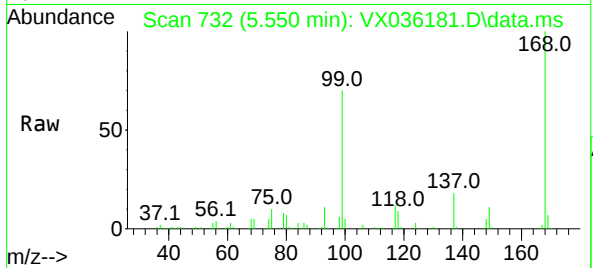
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
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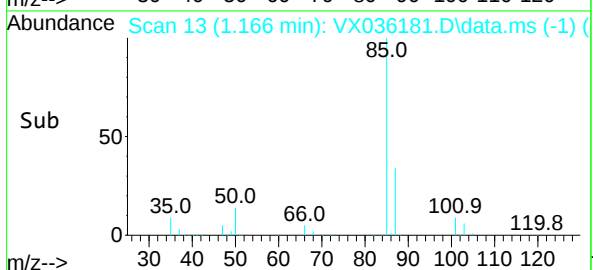
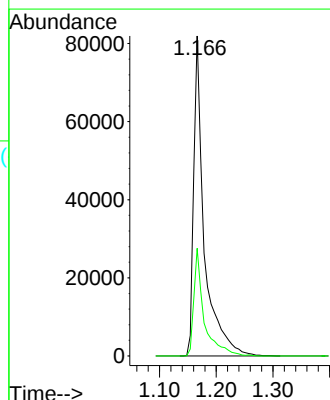
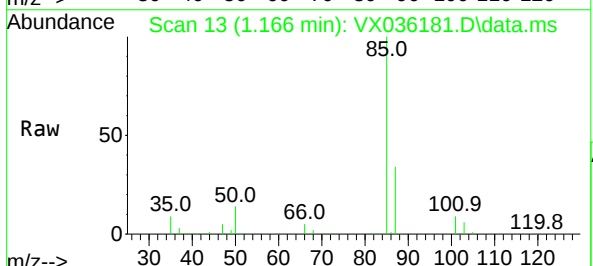
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ClientSampleId :
VSTDICCC050

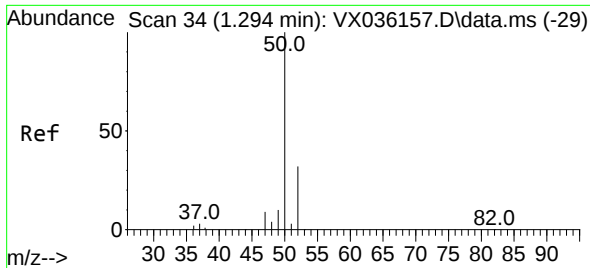
Tgt Ion:168 Resp: 173193
Ion Ratio Lower Upper
168 100
99 70.0 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 49.864 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

Tgt Ion: 85 Resp: 106005
Ion Ratio Lower Upper
85 100
87 33.7 16.7 50.1

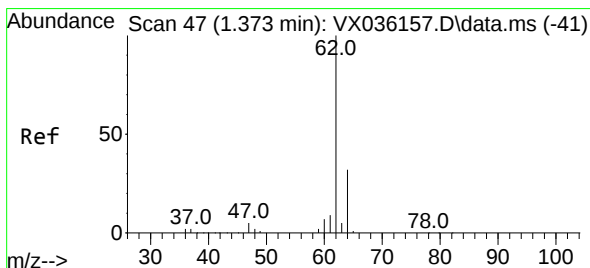
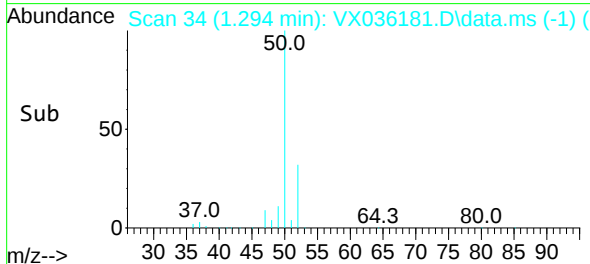
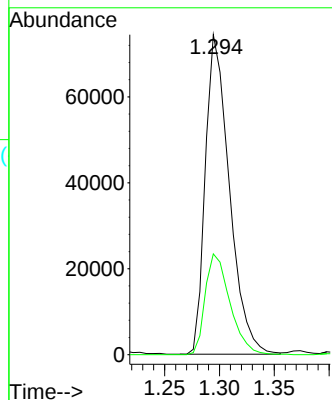
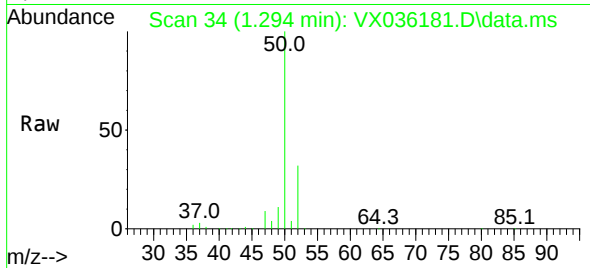




#3
Chloromethane
Concen: 50.389 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

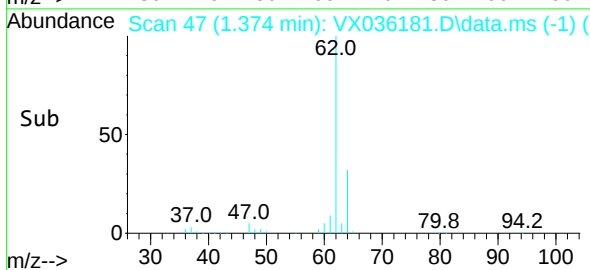
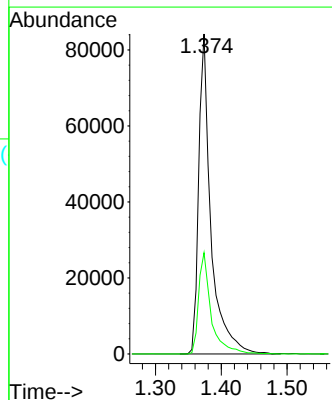
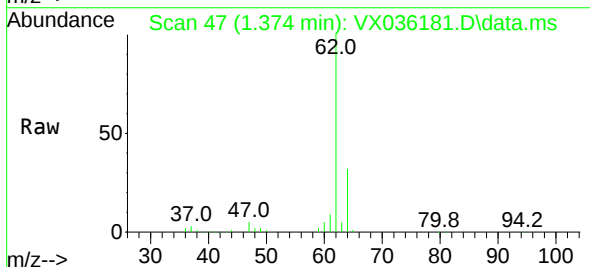
Instrument :
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ClientSampleId :
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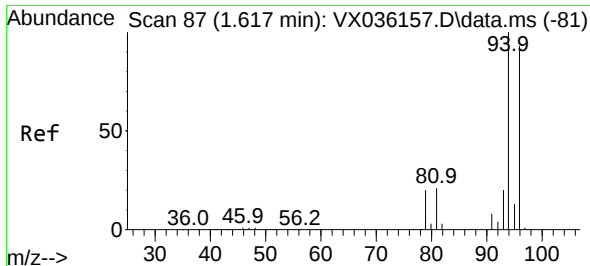
Tgt Ion: 50 Resp: 113335
Ion Ratio Lower Upper
50 100
52 31.6 25.5 38.3



#4
Vinyl Chloride
Concen: 50.596 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

Tgt Ion: 62 Resp: 108413
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0

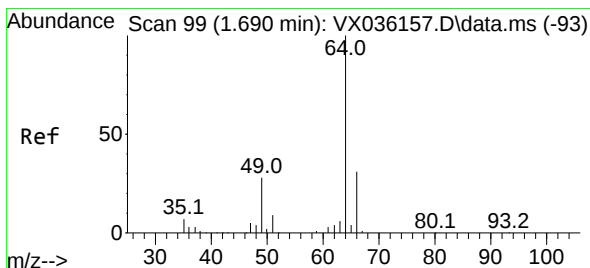
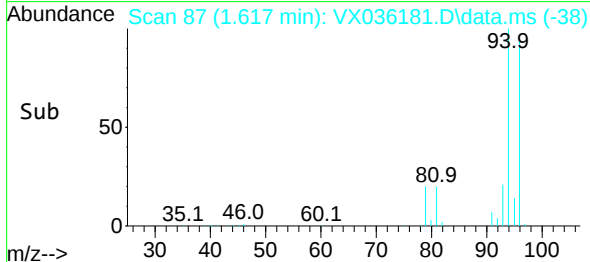
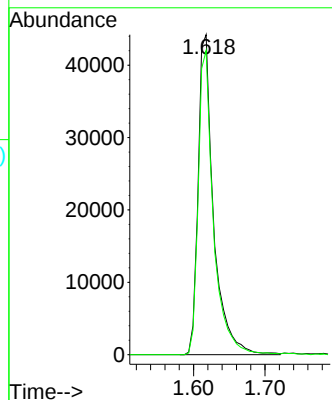
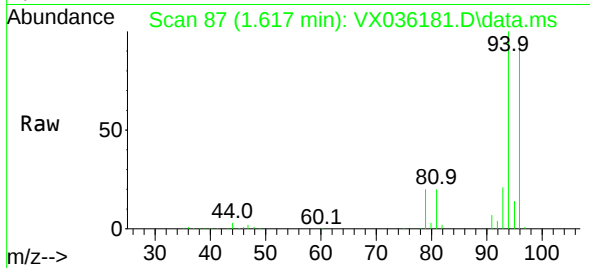




#5
Bromomethane
Concen: 50.317 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

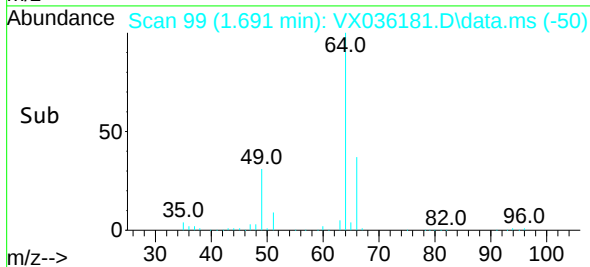
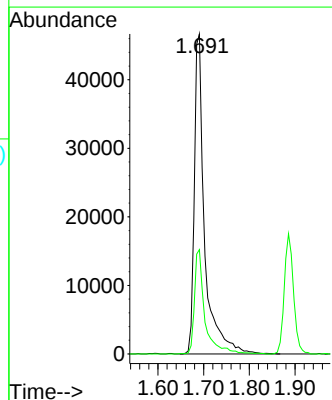
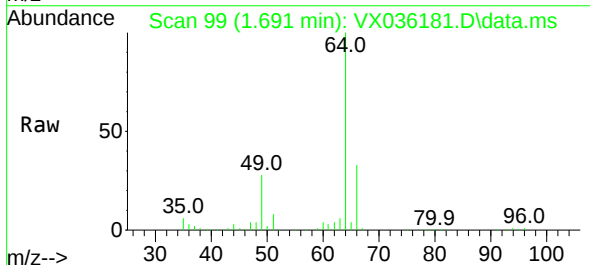
Instrument :
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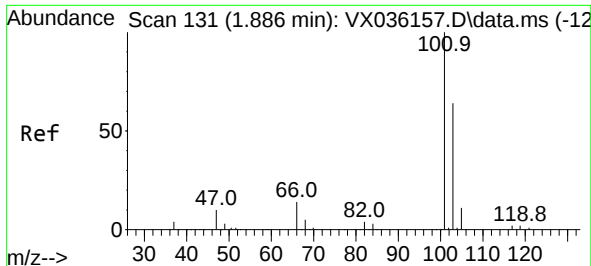
Tgt Ion: 94 Resp: 66275
Ion Ratio Lower Upper
94 100
96 95.1 74.6 111.8



#6
Chloroethane
Concen: 52.822 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.001 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

Tgt Ion: 64 Resp: 73234
Ion Ratio Lower Upper
64 100
66 32.5 25.1 37.7

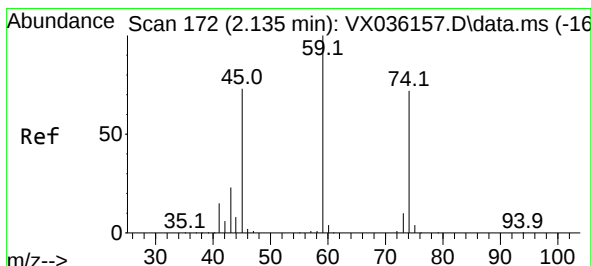
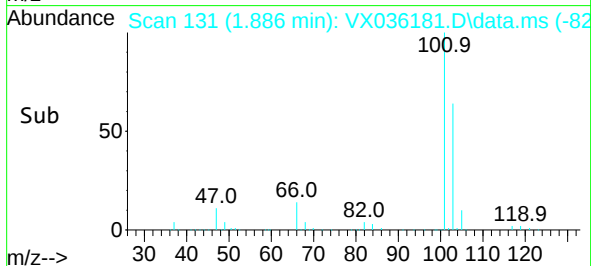
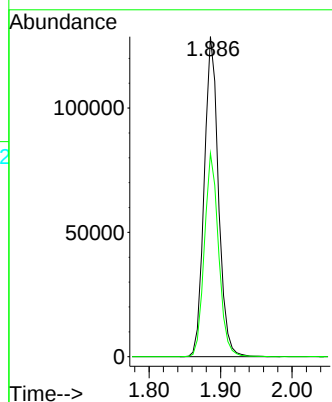
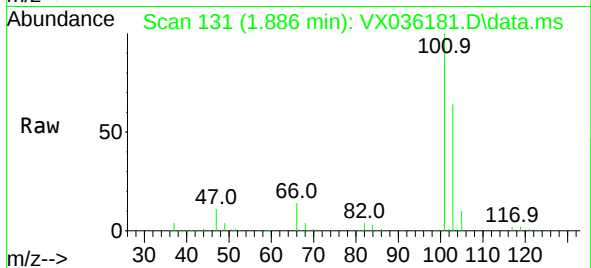




#7
 Trichlorofluoromethane
 Concen: 51.340 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX036181.D
 Acq: 16 Jun 2023 13:37

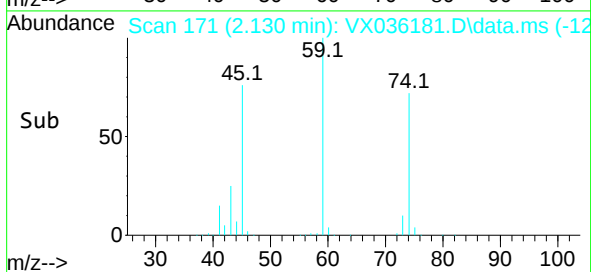
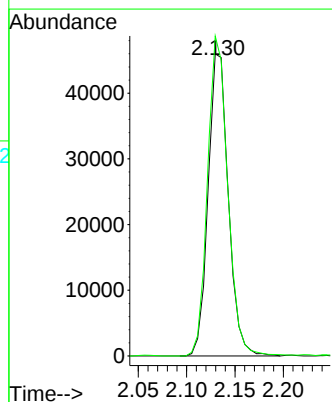
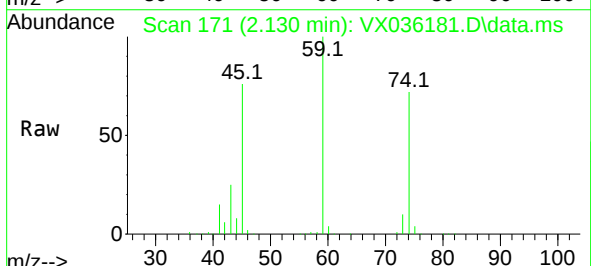
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 ClientSampleId :
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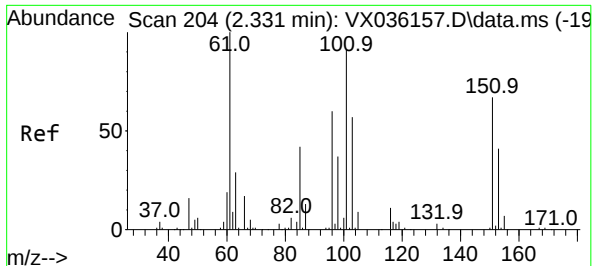
Tgt Ion:101 Resp: 178027
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.4 77.2



#8
 Diethyl Ether
 Concen: 51.795 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.005 min
 Lab File: VX036181.D
 Acq: 16 Jun 2023 13:37

Tgt Ion: 74 Resp: 66851
 Ion Ratio Lower Upper
 74 100
 45 106.0 53.3 159.8

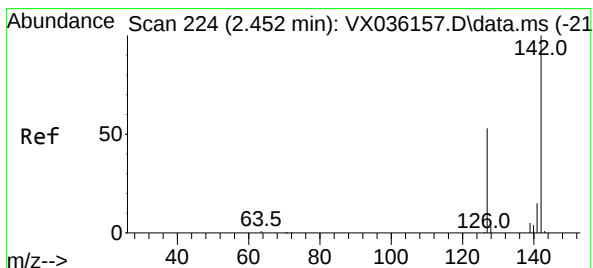
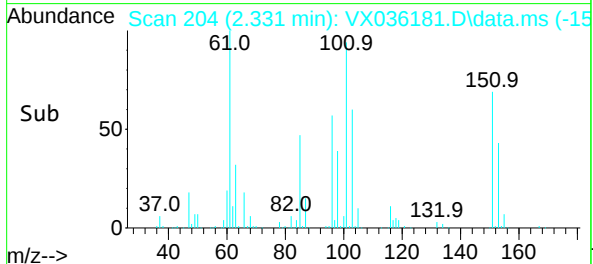
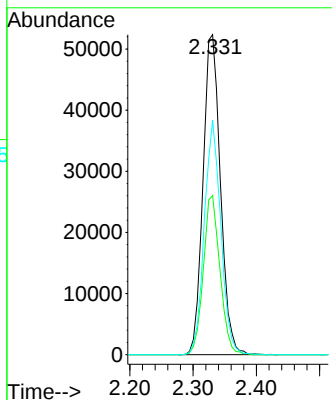
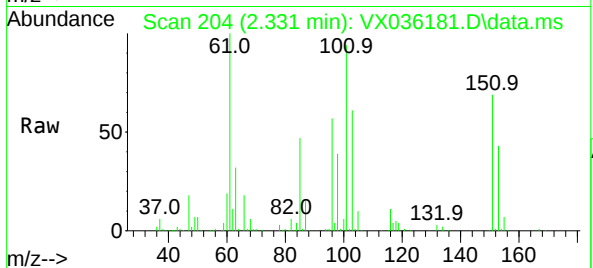




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.765 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
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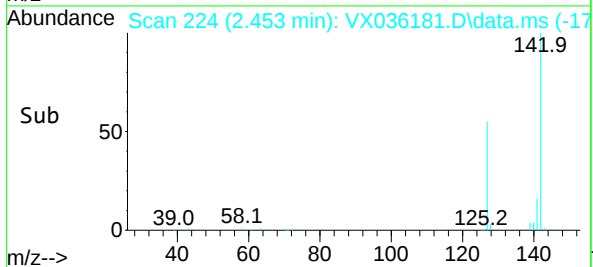
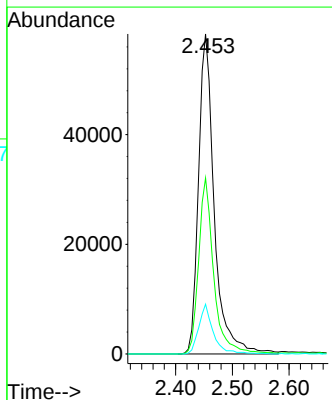
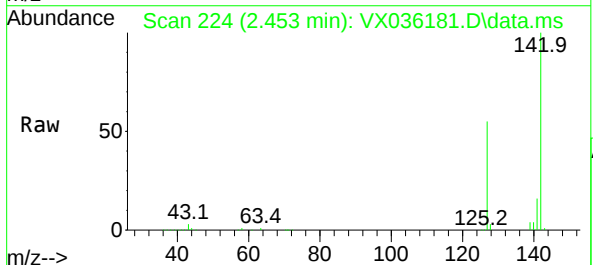
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

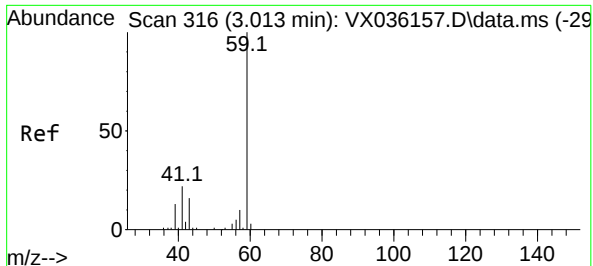
Tgt Ion:101 Resp: 100389
 Ion Ratio Lower Upper
 101 100
 85 47.4 37.0 55.6
 151 69.5 58.6 87.8



#10
 Methyl Iodide
 Concen: 55.409 ug/l
 RT: 2.453 min Scan# 224
 Delta R.T. 0.001 min
 Lab File: VX036181.D
 Acq: 16 Jun 2023 13:37

Tgt Ion:142 Resp: 112979
 Ion Ratio Lower Upper
 142 100
 127 52.7 41.6 62.4
 141 14.4 11.6 17.4

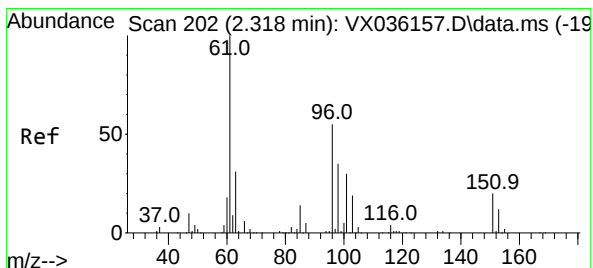
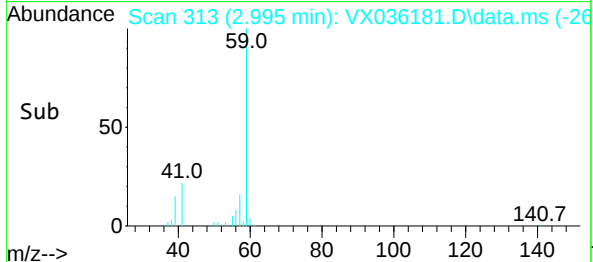
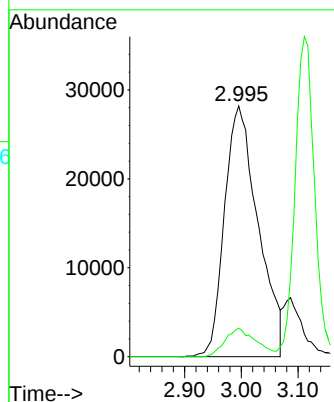
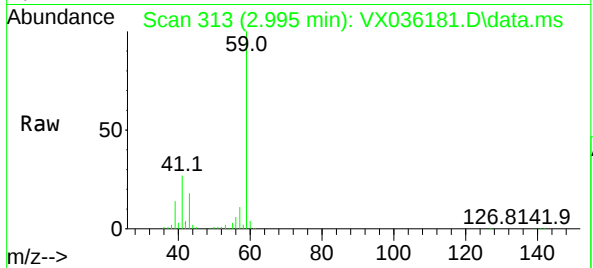




#11
Tert butyl alcohol
Concen: 239.859 ug/l
RT: 2.995 min Scan# 316
Delta R.T. -0.018 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

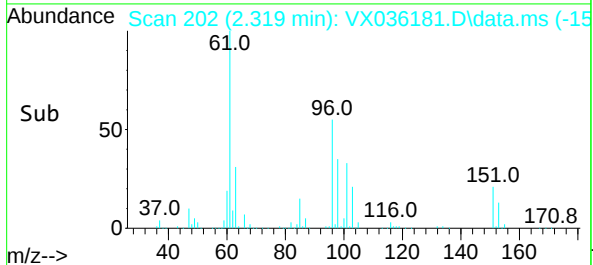
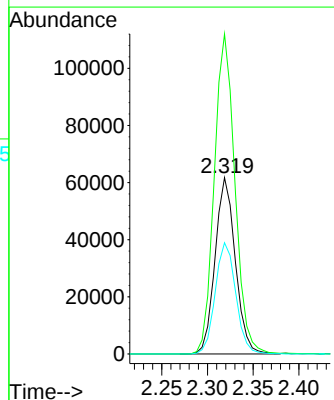
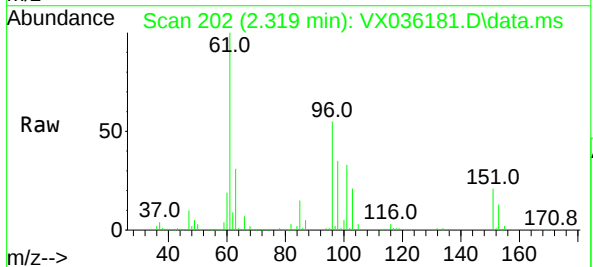
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

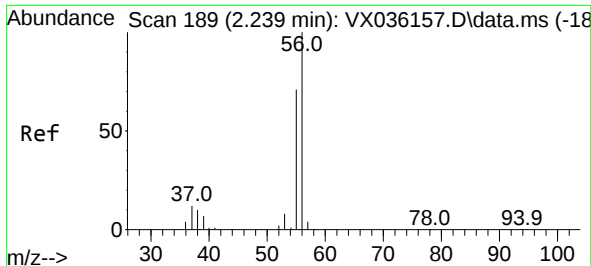
Tgt Ion: 59 Resp: 116097
Ion Ratio Lower Upper
59 100
57 10.5 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 50.862 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

Tgt Ion: 96 Resp: 95110
Ion Ratio Lower Upper
96 100
61 181.5 144.6 216.8
98 63.1 50.4 75.6

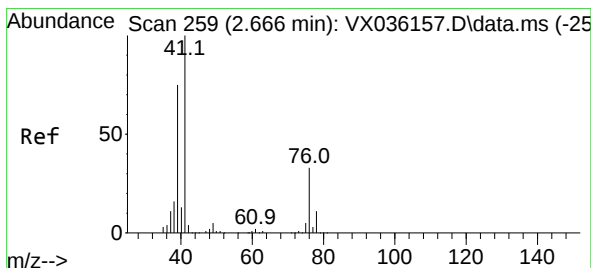
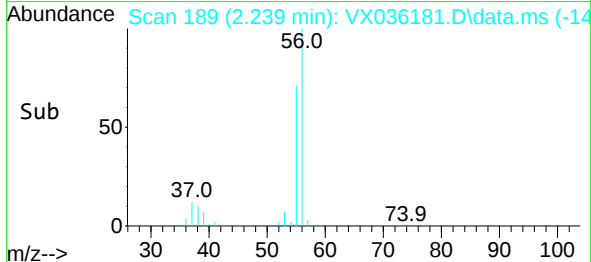
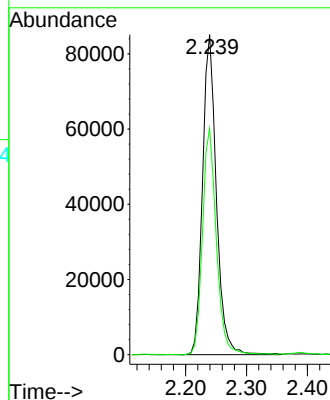
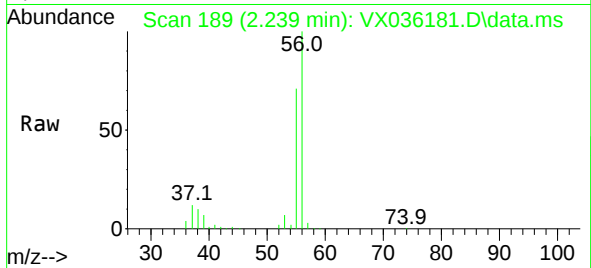




#13
Acrolein
Concen: 249.563 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

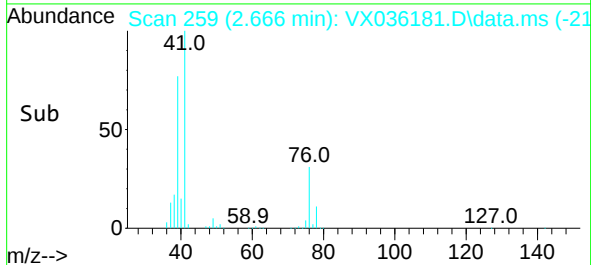
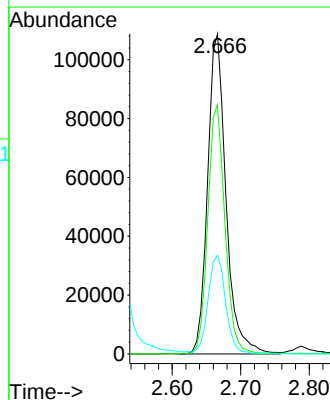
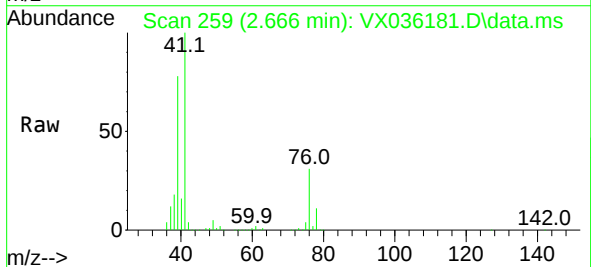
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

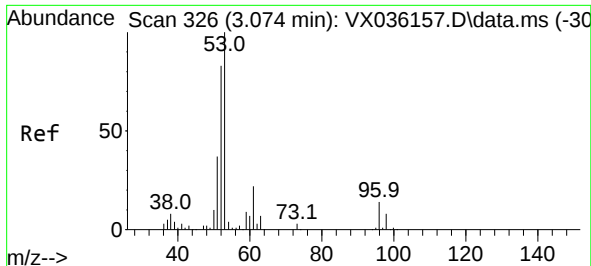
Tgt Ion: 56 Resp: 134100
Ion Ratio Lower Upper
56 100
55 71.1 57.1 85.7



#14
Allyl chloride
Concen: 53.653 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

Tgt Ion: 41 Resp: 203003
Ion Ratio Lower Upper
41 100
39 73.0 55.8 83.6
76 29.2 24.3 36.5

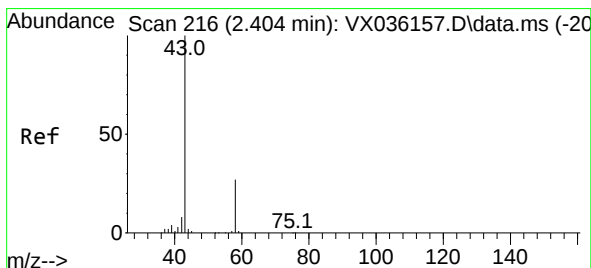
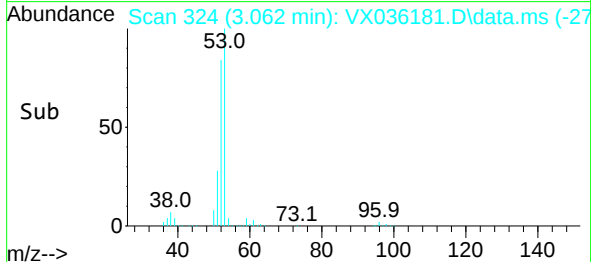
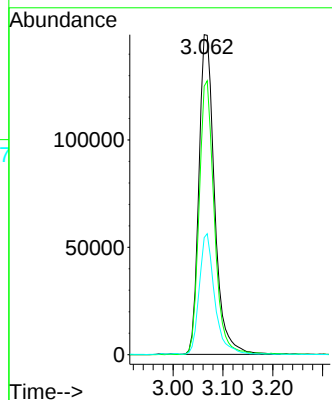
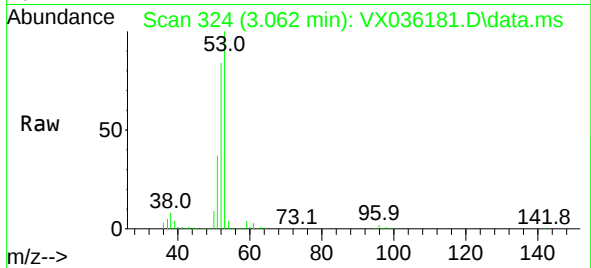




#15
Acrylonitrile
Concen: 262.187 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

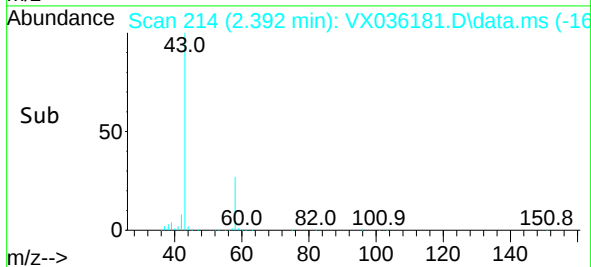
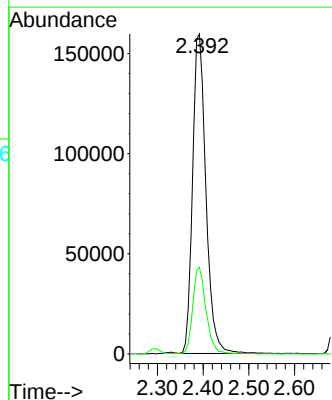
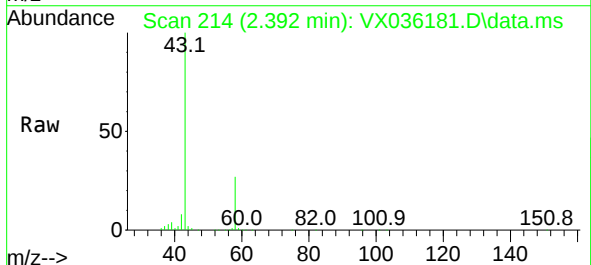
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

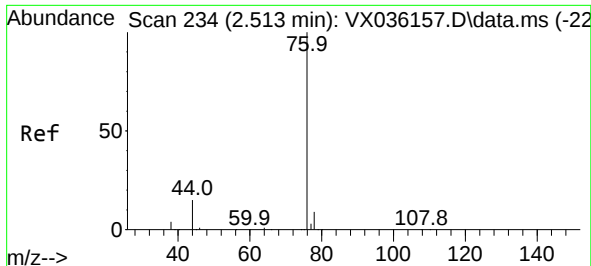
Tgt Ion: 53 Resp: 324530
Ion Ratio Lower Upper
53 100
52 82.8 66.0 99.0
51 36.9 29.8 44.6



#16
Acetone
Concen: 269.871 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

Tgt Ion: 43 Resp: 322841
Ion Ratio Lower Upper
43 100
58 27.1 21.9 32.9

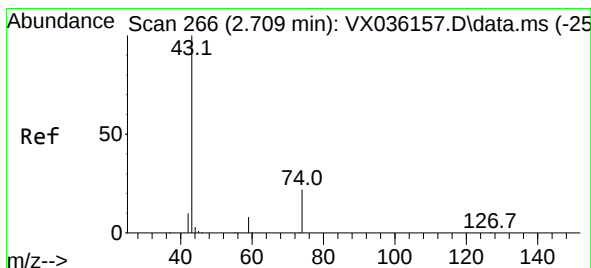
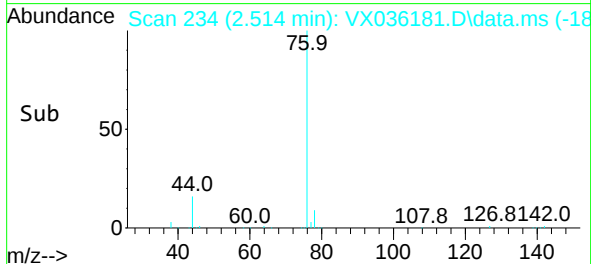
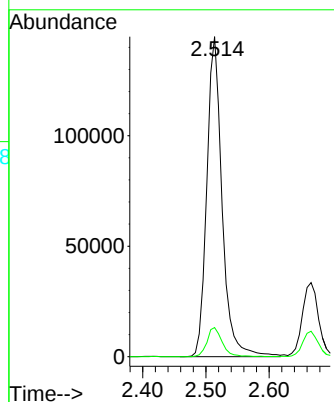
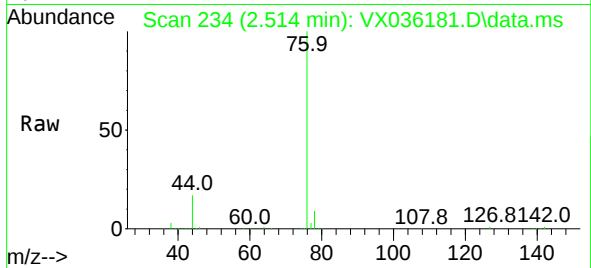




#17
Carbon Disulfide
Concen: 52.671 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

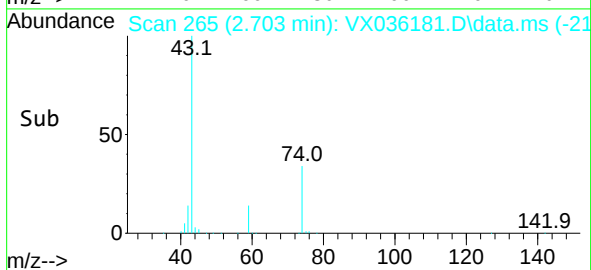
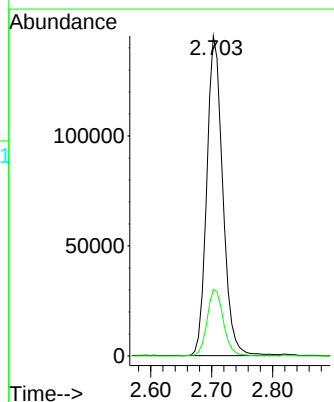
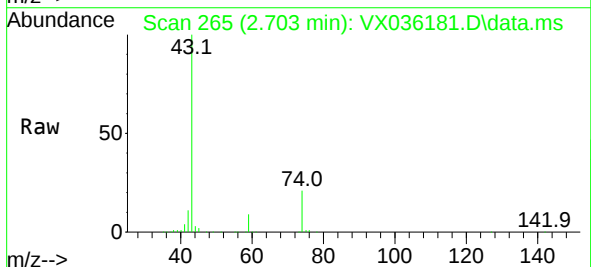
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

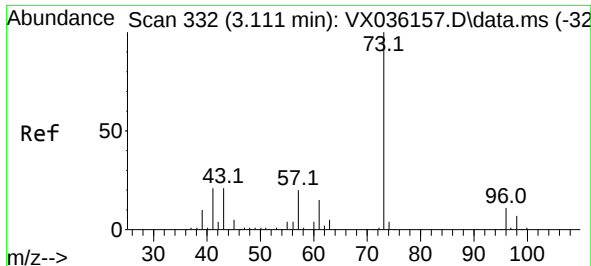
Tgt Ion: 76 Resp: 243450
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#18
Methyl Acetate
Concen: 53.059 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

Tgt Ion: 43 Resp: 264612
Ion Ratio Lower Upper
43 100
74 21.5 17.8 26.8

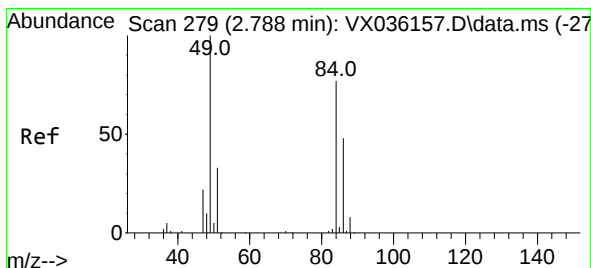
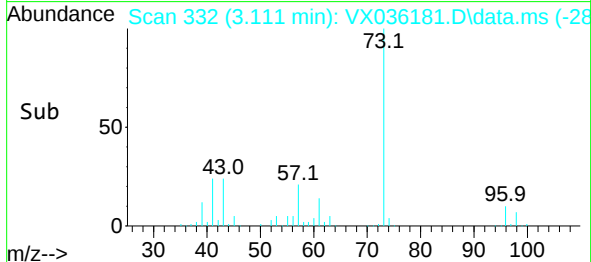
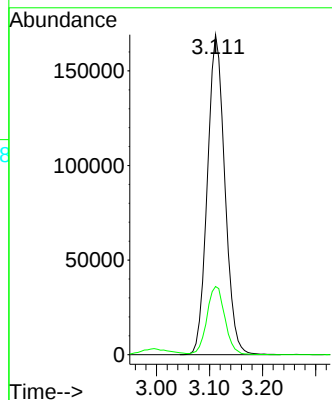
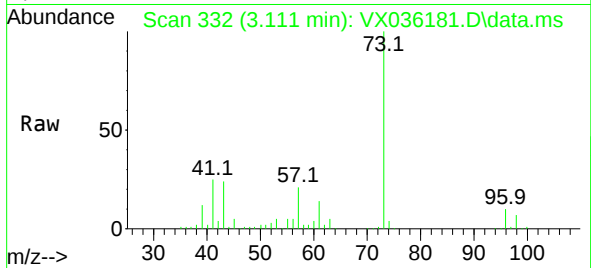




#19
Methyl tert-butyl Ether
Concen: 52.832 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

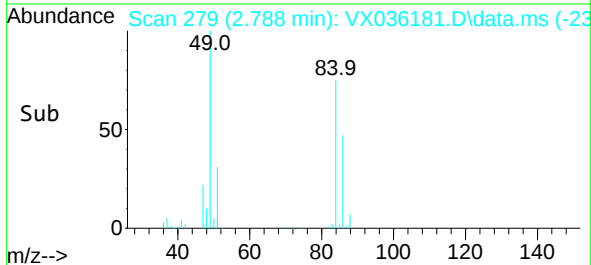
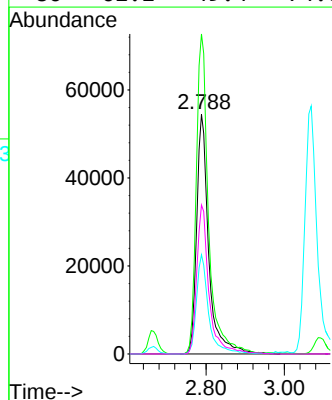
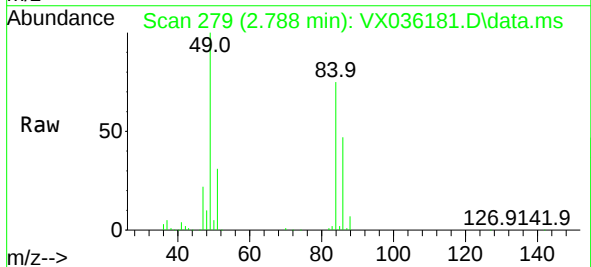
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

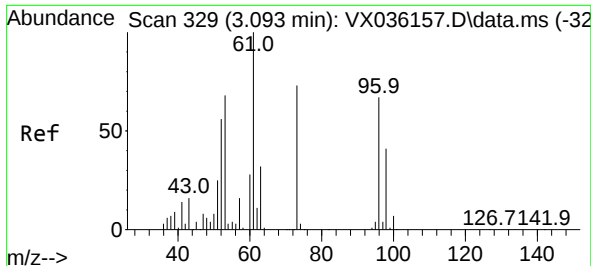
Tgt Ion: 73 Resp: 386746
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9



#20
Methylene Chloride
Concen: 49.106 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

Tgt Ion: 84 Resp: 116992
Ion Ratio Lower Upper
84 100
49 133.5 103.6 155.4
51 41.4 33.8 50.6
86 62.2 49.4 74.0

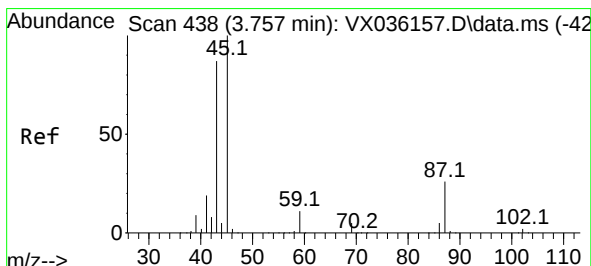
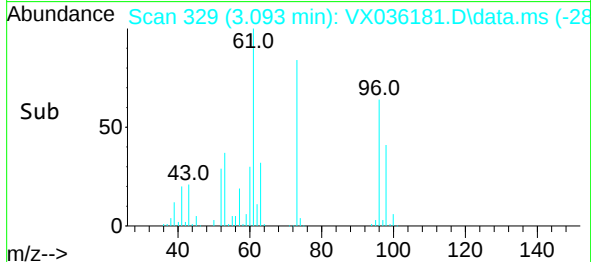
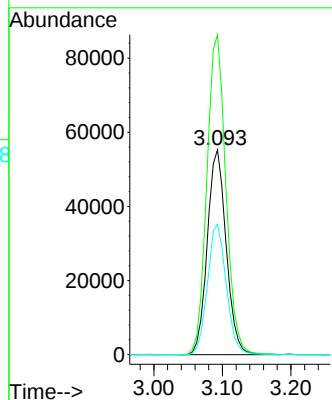
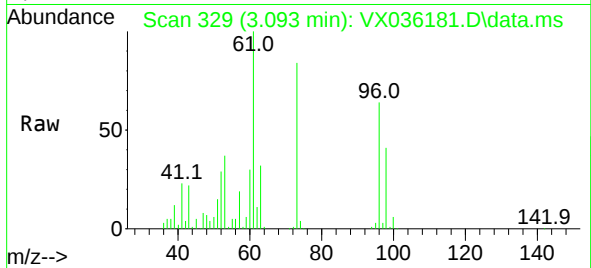




#21
trans-1,2-Dichloroethene
Concen: 50.951 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

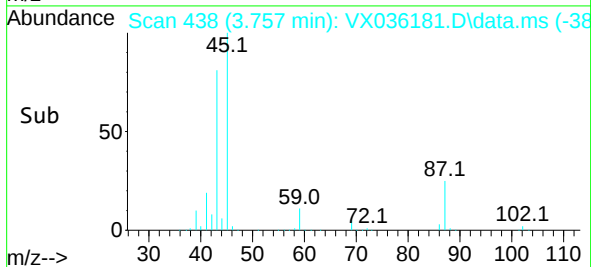
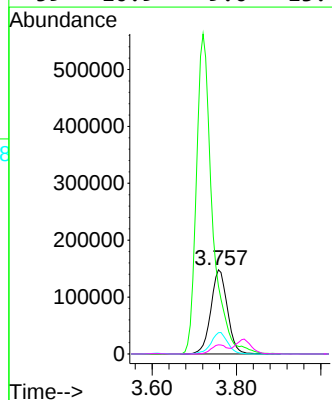
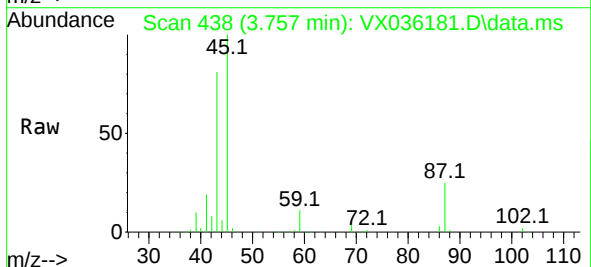
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

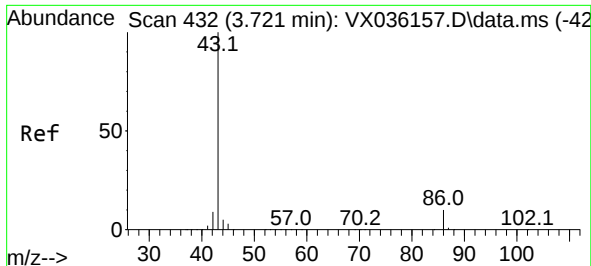
Tgt Ion: 96 Resp: 105857
Ion Ratio Lower Upper
96 100
61 156.1 119.2 178.8
98 63.6 48.7 73.1



#22
Diisopropyl ether
Concen: 53.509 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

Tgt Ion: 45 Resp: 402882
Ion Ratio Lower Upper
45 100
43 80.7 69.7 104.5
87 25.4 20.8 31.2
59 10.9 9.0 13.4

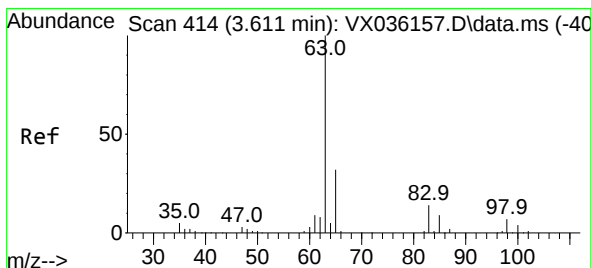
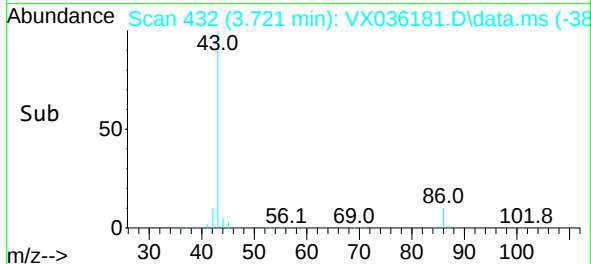
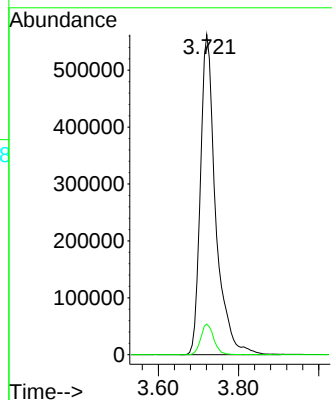
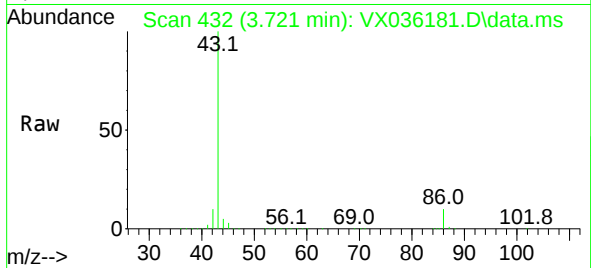




#23
Vinyl Acetate
Concen: 278.650 ug/l
RT: 3.721 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

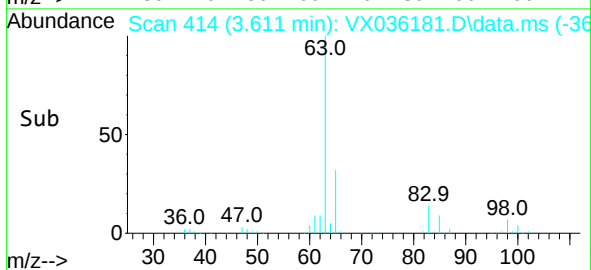
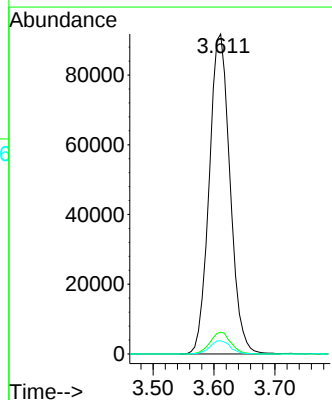
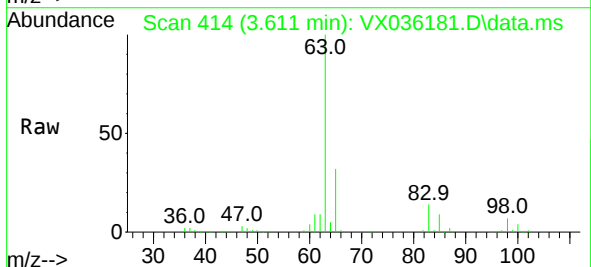
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

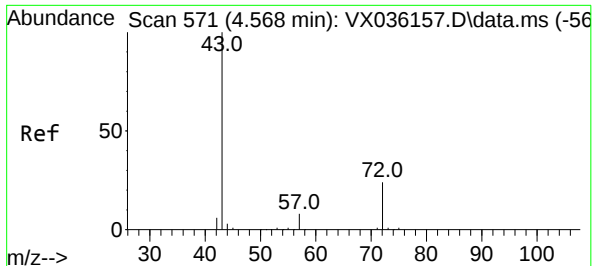
Tgt Ion: 43 Resp: 1486962
Ion Ratio Lower Upper
43 100
86 9.6 7.8 11.8



#24
1,1-Dichloroethane
Concen: 52.334 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

Tgt Ion: 63 Resp: 217710
Ion Ratio Lower Upper
63 100
98 6.8 3.3 9.8
100 4.1 2.1 6.5

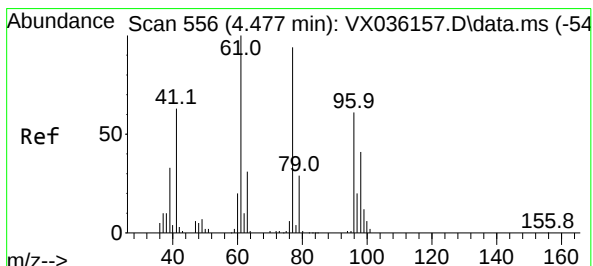
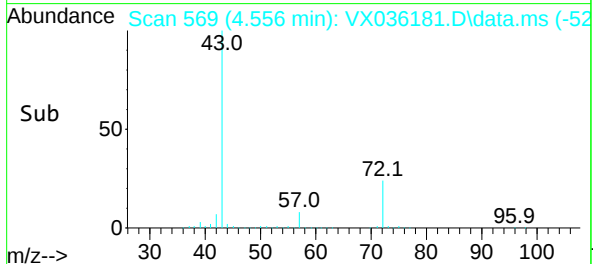
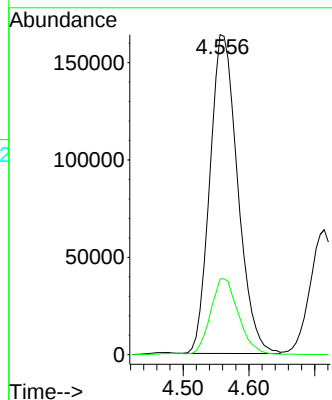
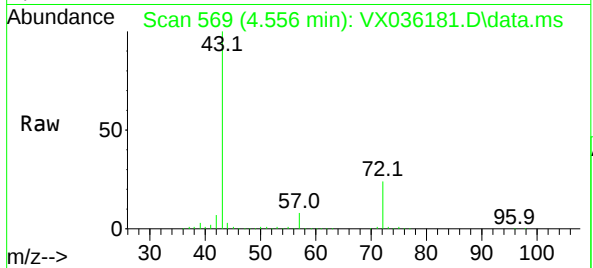




#25
2-Butanone
Concen: 261.700 ug/l
RT: 4.556 min Scan# 571
Delta R.T. -0.012 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

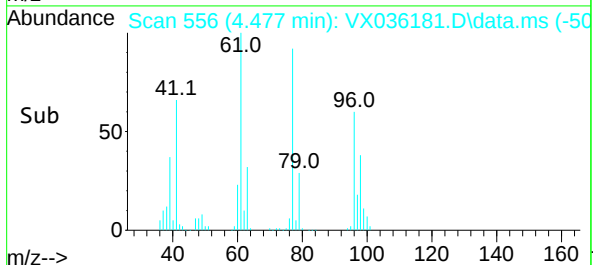
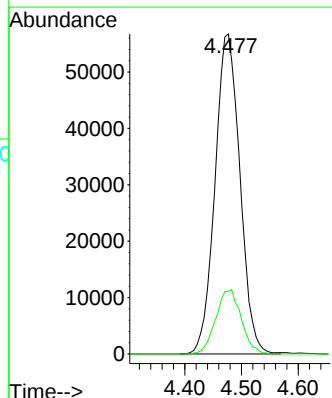
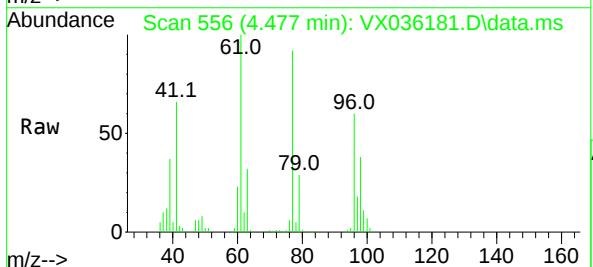
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

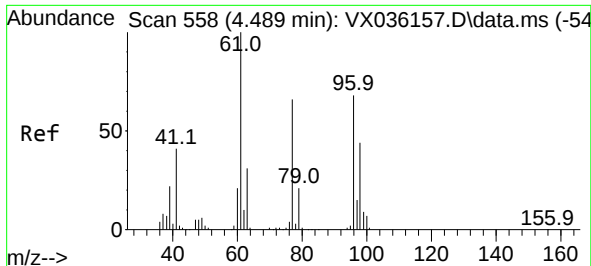
Tgt Ion: 43 Resp: 481706
Ion Ratio Lower Upper
43 100
72 23.6 19.4 29.2



#26
2,2-Dichloropropane
Concen: 53.529 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

Tgt Ion: 77 Resp: 173166
Ion Ratio Lower Upper
77 100
97 20.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 52.358 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX036181.D

Acq: 16 Jun 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

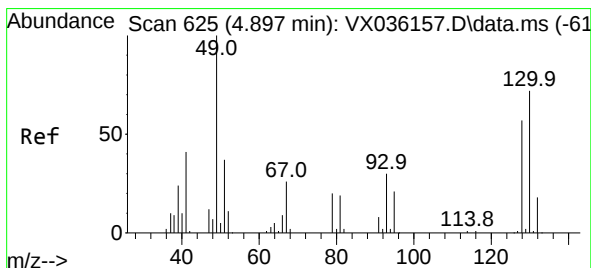
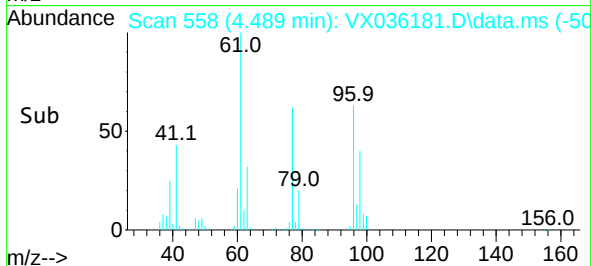
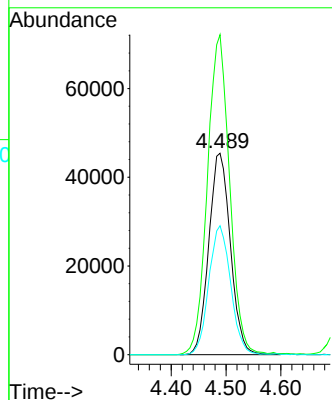
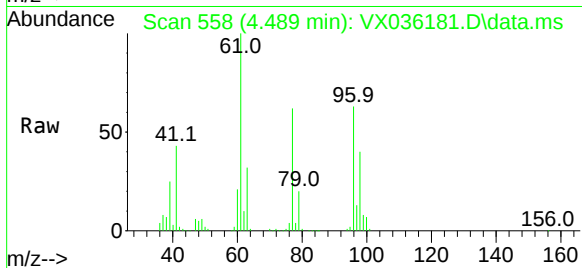
Tgt Ion: 96 Resp: 124392

Ion Ratio Lower Upper

96 100

61 162.5 0.0 312.2

98 64.6 0.0 129.0



#28

Bromochloromethane

Concen: 53.411 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX036181.D

Acq: 16 Jun 2023 13:37

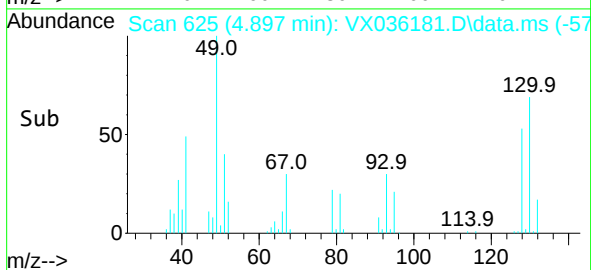
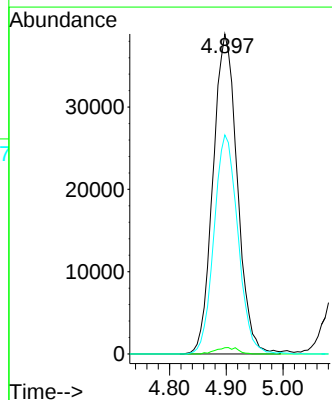
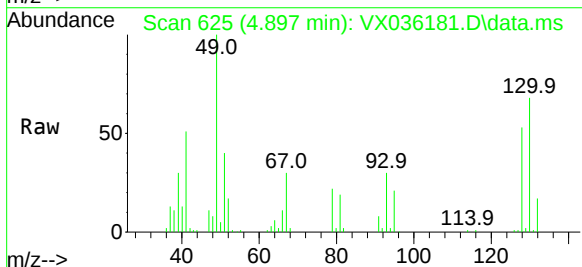
Tgt Ion: 49 Resp: 115826

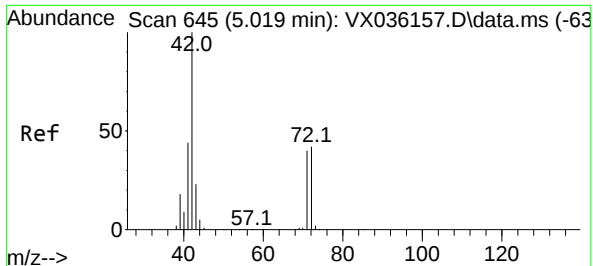
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 67.5 57.5 86.3





#29

Tetrahydrofuran

Concen: 265.158 ug/l

RT: 5.007 min Scan# 645

Delta R.T. -0.012 min

Lab File: VX036181.D

Acq: 16 Jun 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

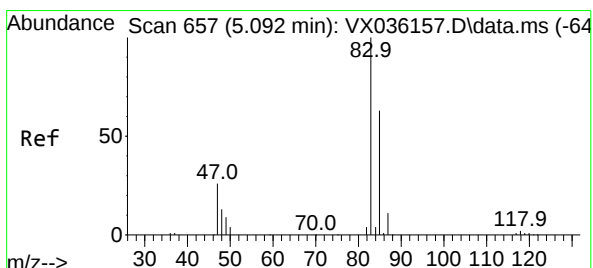
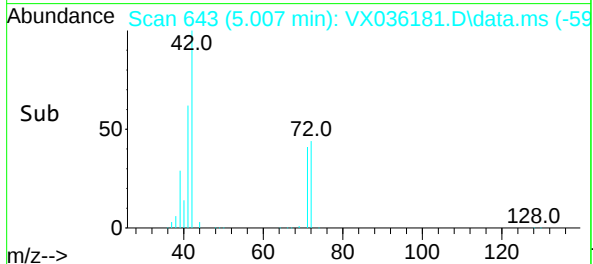
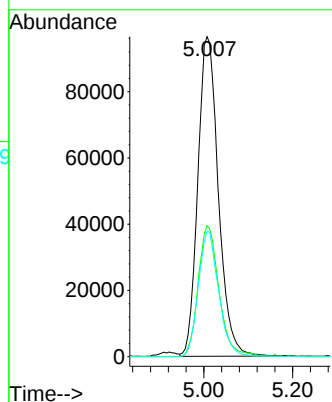
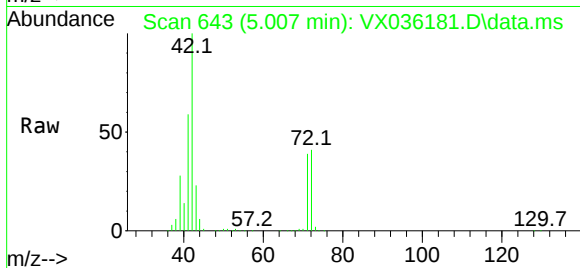
Tgt Ion: 42 Resp: 309991

Ion Ratio Lower Upper

42 100

72 41.6 34.2 51.4

71 38.8 32.2 48.2



#30

Chloroform

Concen: 51.939 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX036181.D

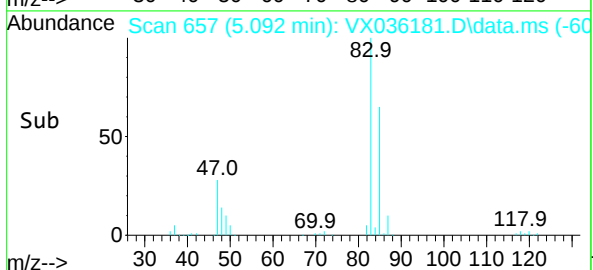
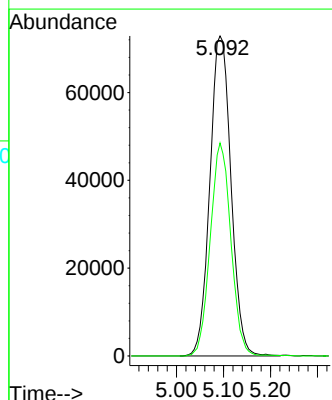
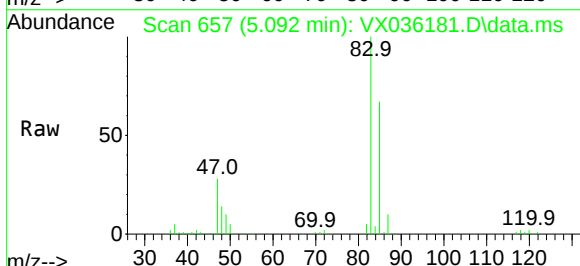
Acq: 16 Jun 2023 13:37

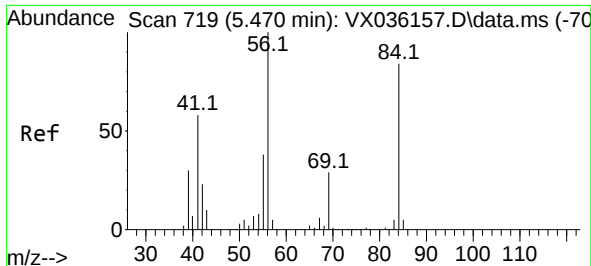
Tgt Ion: 83 Resp: 227553

Ion Ratio Lower Upper

83 100

85 66.5 50.3 75.5

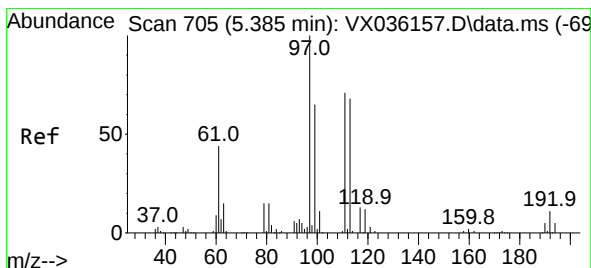
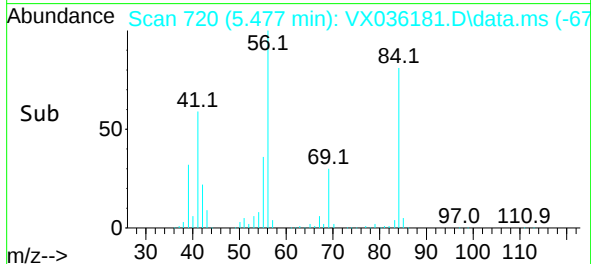
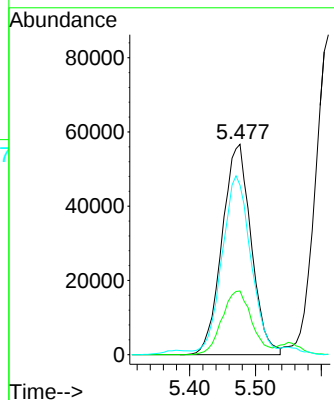
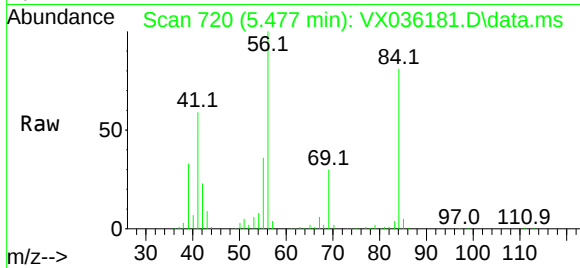




#31
Cyclohexane
Concen: 51.362 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

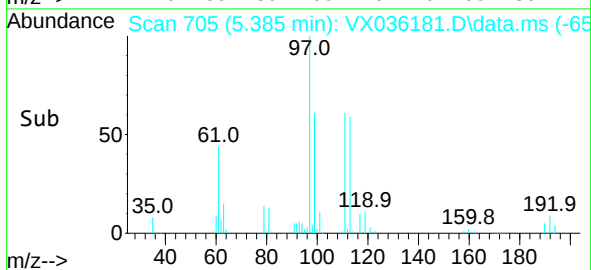
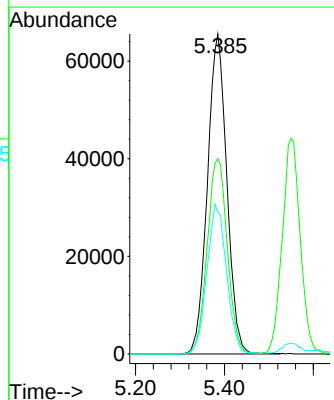
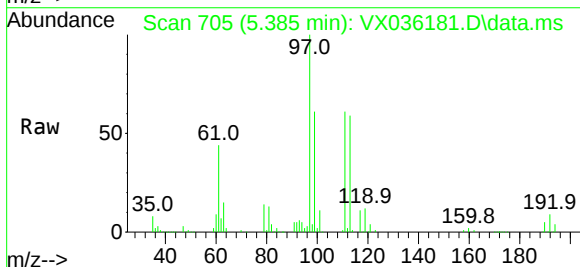
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

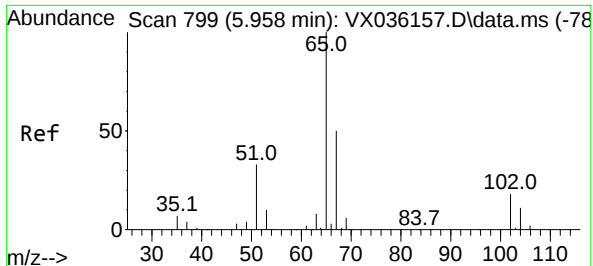
Tgt Ion: 56 Resp: 174389
Ion Ratio Lower Upper
56 100
69 30.2 23.4 35.2
84 78.4 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 53.470 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

Tgt Ion: 97 Resp: 198609
Ion Ratio Lower Upper
97 100
99 63.3 51.1 76.7
61 47.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 53.341 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX036181.D

Acq: 16 Jun 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

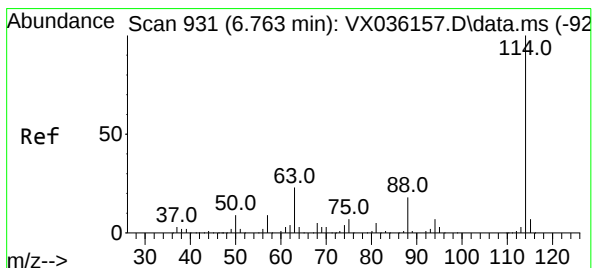
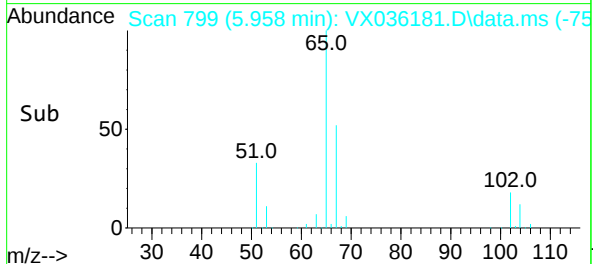
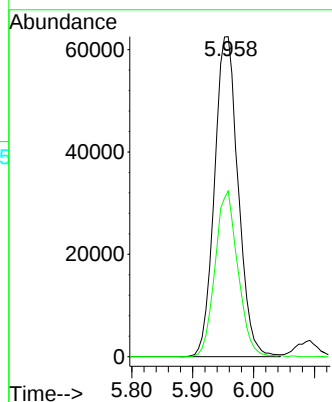
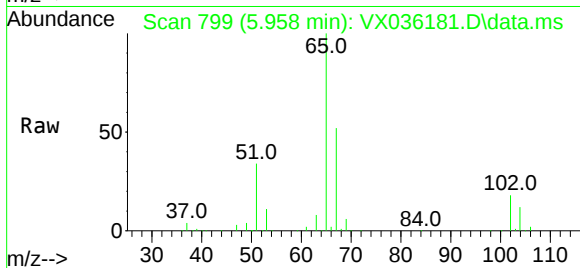
VSTDICCC050

Tgt Ion: 65 Resp: 168824

Ion Ratio Lower Upper

65 100

67 49.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX036181.D

Acq: 16 Jun 2023 13:37

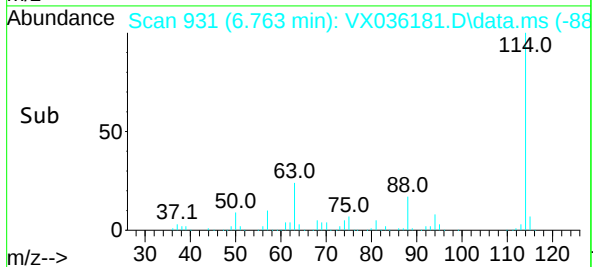
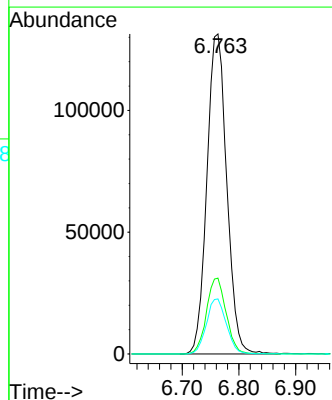
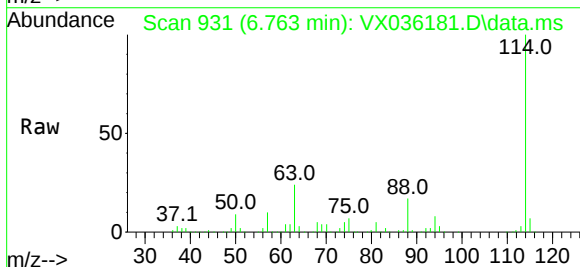
Tgt Ion: 114 Resp: 319576

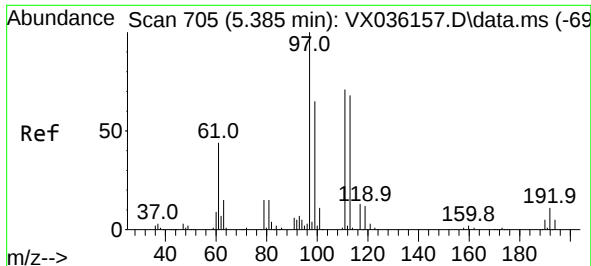
Ion Ratio Lower Upper

114 100

63 23.7 0.0 45.0

88 17.2 0.0 36.6

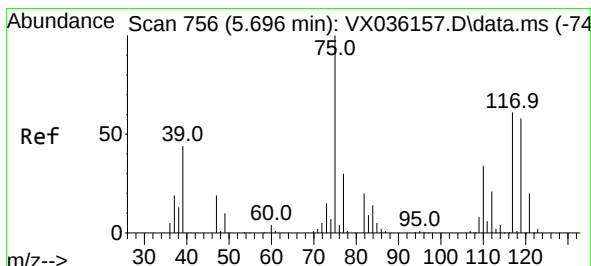
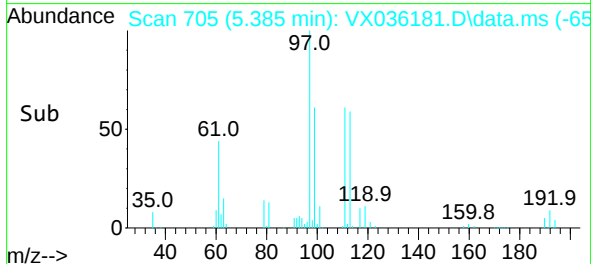
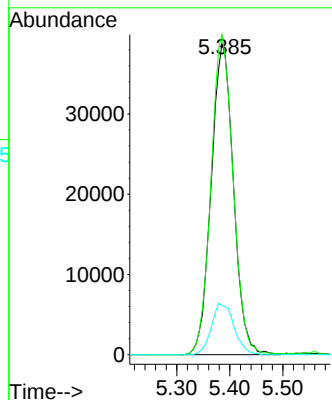
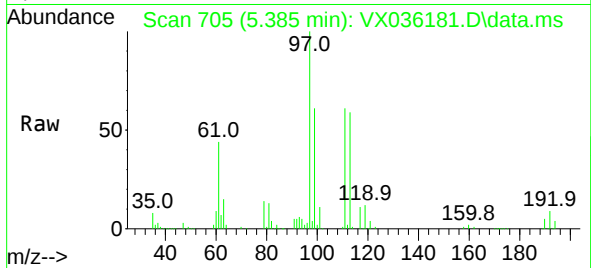




#35
Dibromofluoromethane
Concen: 52.196 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

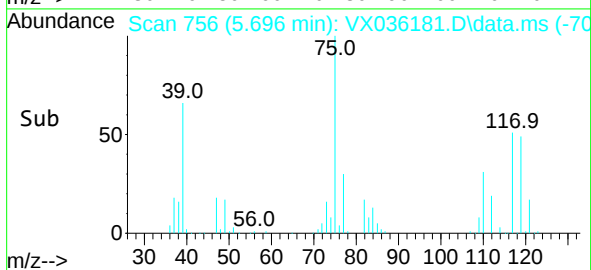
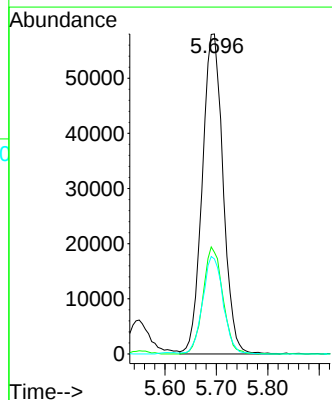
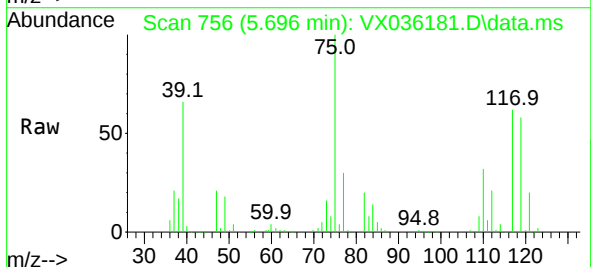
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

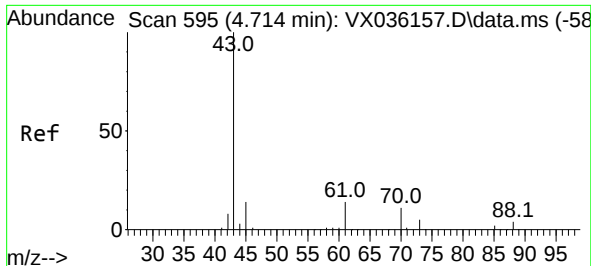
Tgt Ion:113 Resp: 113113
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 16.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 51.050 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

Tgt Ion: 75 Resp: 162963
Ion Ratio Lower Upper
75 100
110 31.7 17.0 50.9
77 30.0 24.7 37.1





#37

Ethyl Acetate

Concen: 51.086 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX036181.D

Acq: 16 Jun 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

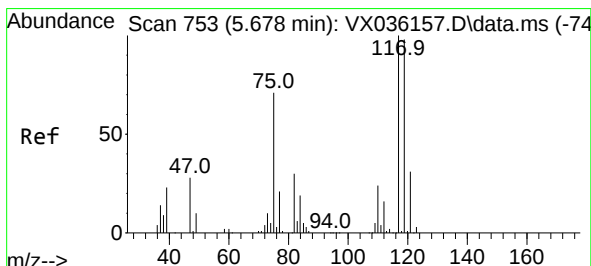
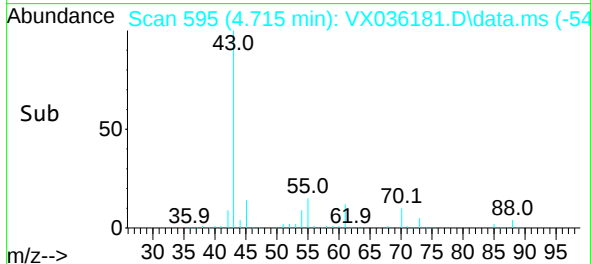
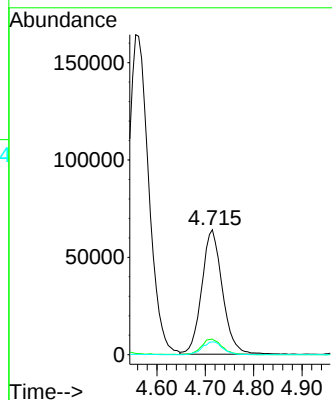
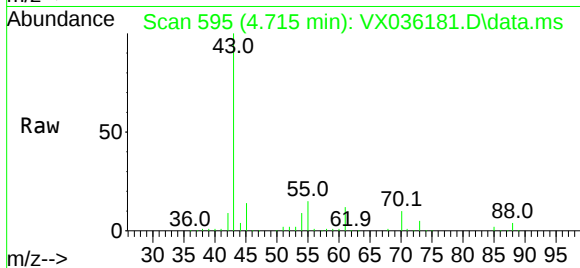
Tgt Ion: 43 Resp: 189998

Ion Ratio Lower Upper

43 100

61 12.5 10.6 16.0

70 10.1 8.3 12.5



#38

Carbon Tetrachloride

Concen: 52.693 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.006 min

Lab File: VX036181.D

Acq: 16 Jun 2023 13:37

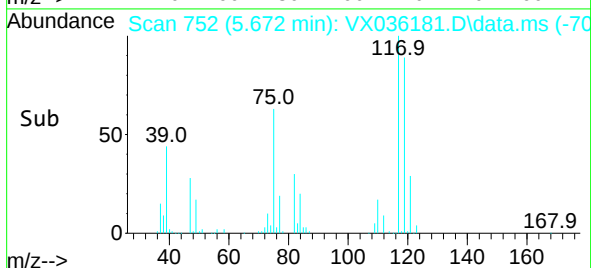
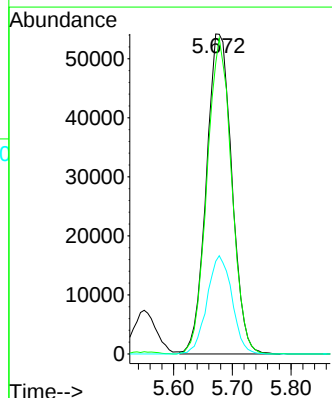
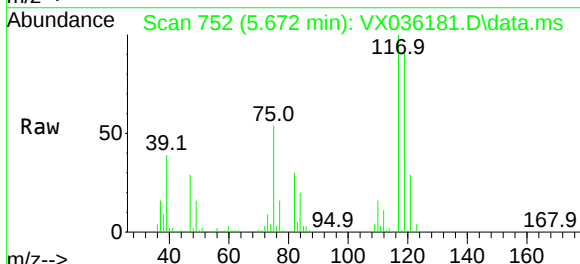
Tgt Ion: 117 Resp: 163517

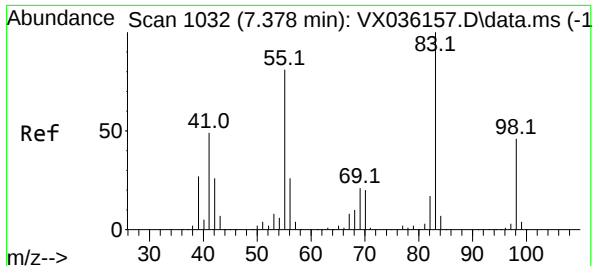
Ion Ratio Lower Upper

117 100

119 90.7 78.2 117.2

121 28.9 24.4 36.6





#39

Methylcyclohexane

Concen: 51.050 ug/l

RT: 7.379 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX036181.D

Acq: 16 Jun 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

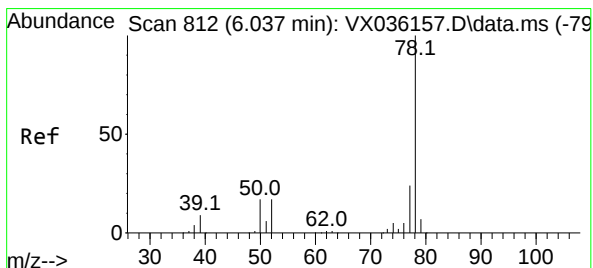
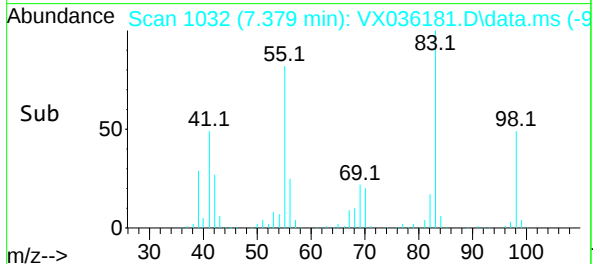
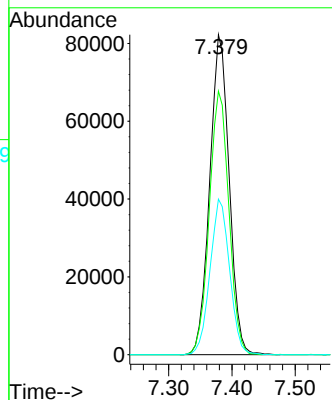
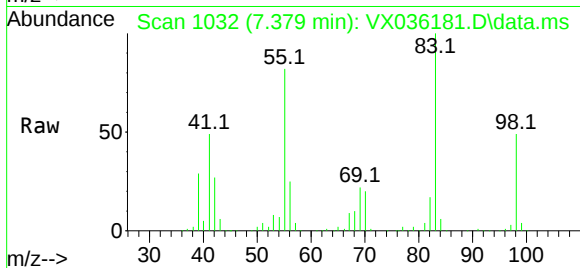
Tgt Ion: 83 Resp: 175512

Ion Ratio Lower Upper

83 100

55 82.4 64.6 97.0

98 48.6 36.7 55.1



#40

Benzene

Concen: 51.871 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX036181.D

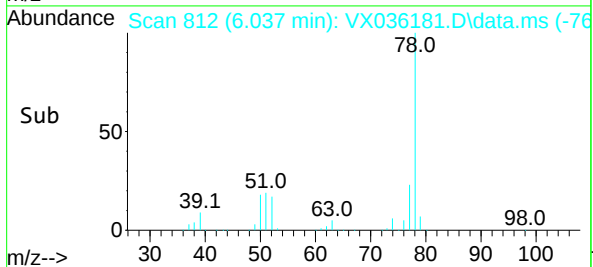
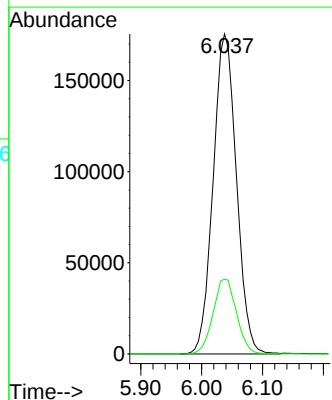
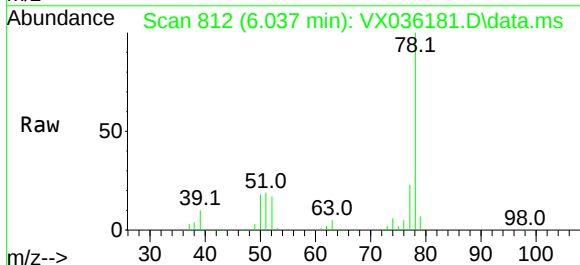
Acq: 16 Jun 2023 13:37

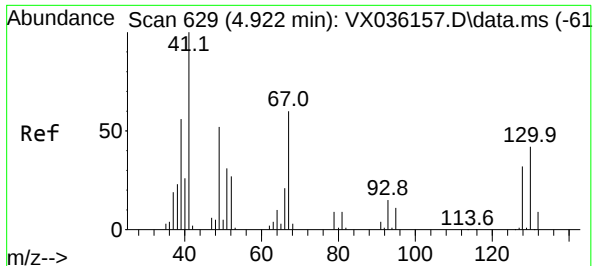
Tgt Ion: 78 Resp: 465642

Ion Ratio Lower Upper

78 100

77 23.4 19.3 28.9



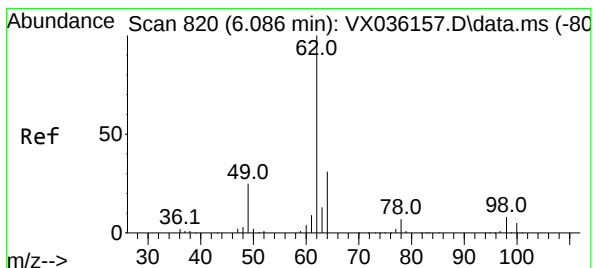
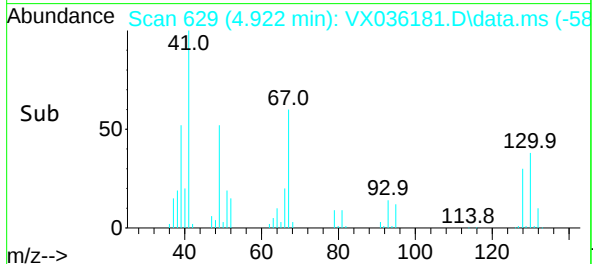
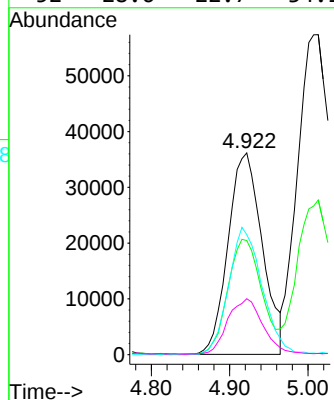
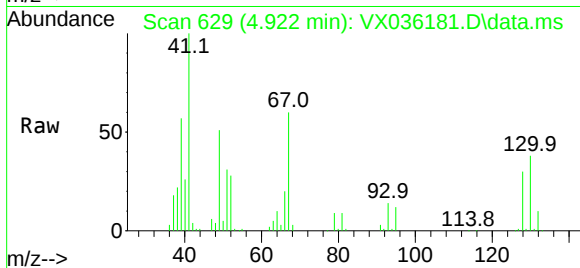


#41
Methacrylonitrile
Concen: 53.423 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 109544

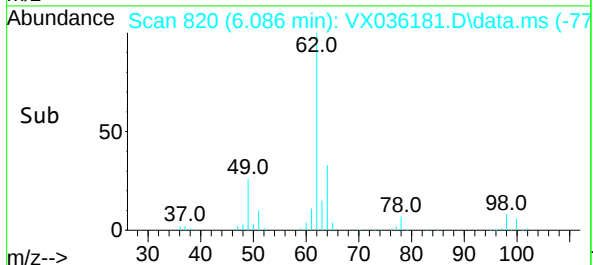
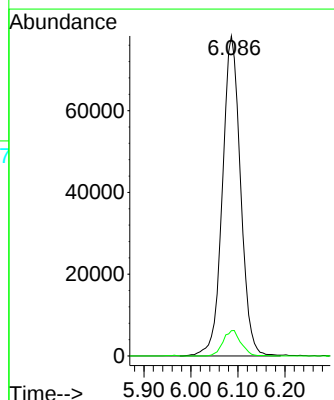
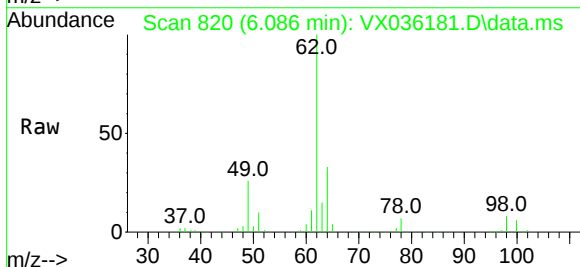
Ion	Ratio	Lower	Upper
41	100		
39	56.3	45.2	67.8
67	62.2	52.6	78.8
52	28.6	22.7	34.1

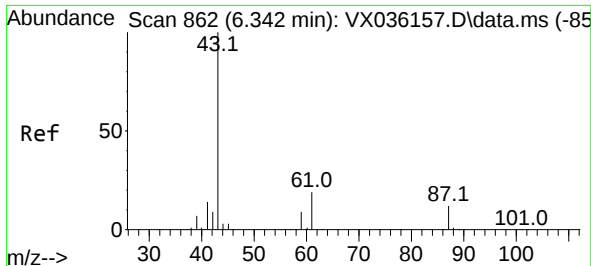


#42
1,2-Dichloroethane
Concen: 52.029 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

Tgt Ion: 62 Resp: 210412

Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	16.0





#43

Isopropyl Acetate

Concen: 54.472 ug/l

RT: 6.336 min Scan# 81

Delta R.T. -0.006 min

Lab File: VX036181.D

Acq: 16 Jun 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

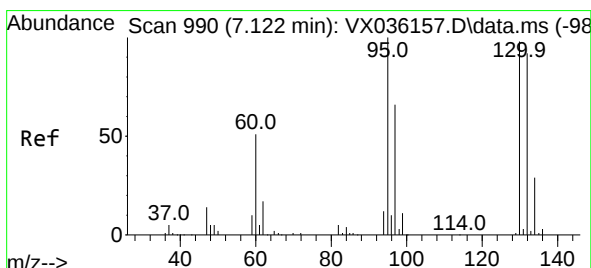
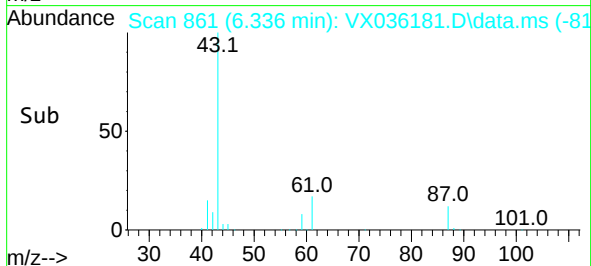
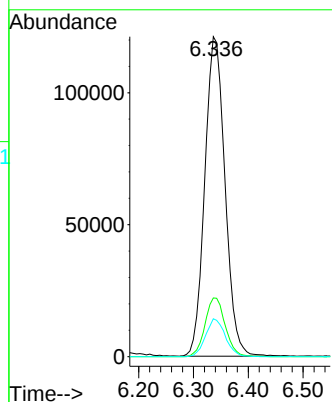
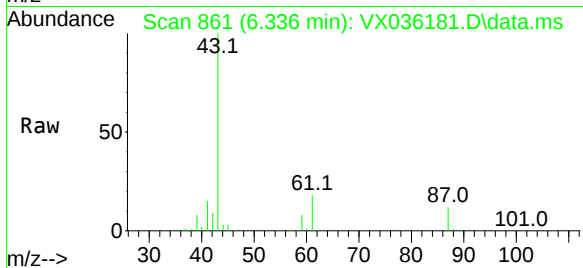
Tgt Ion: 43 Resp: 310047

Ion Ratio Lower Upper

43 100

61 18.4 15.2 22.8

87 11.6 9.8 14.6



#44

Trichloroethene

Concen: 51.558 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.001 min

Lab File: VX036181.D

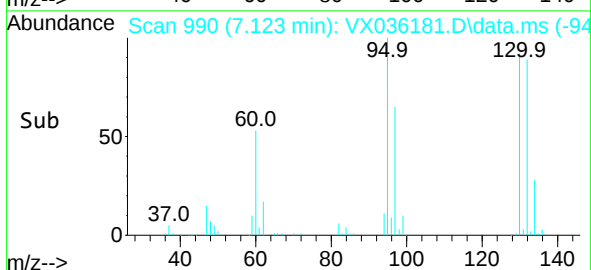
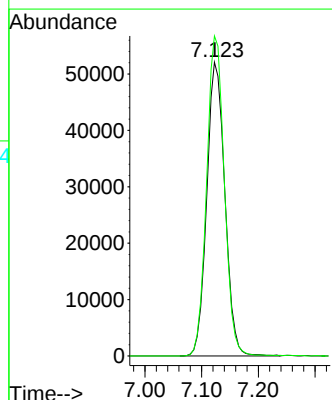
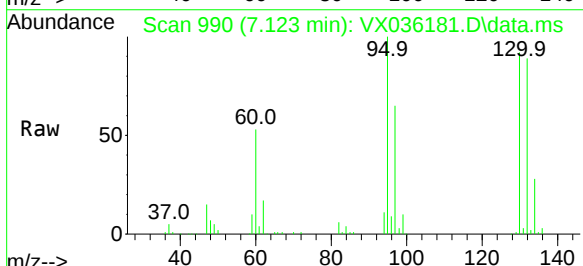
Acq: 16 Jun 2023 13:37

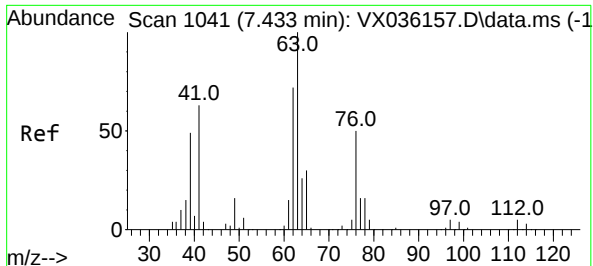
Tgt Ion:130 Resp: 115659

Ion Ratio Lower Upper

130 100

95 108.9 0.0 204.4





#45

1,2-Dichloropropane

Concen: 52.725 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.001 min

Lab File: VX036181.D

Acq: 16 Jun 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

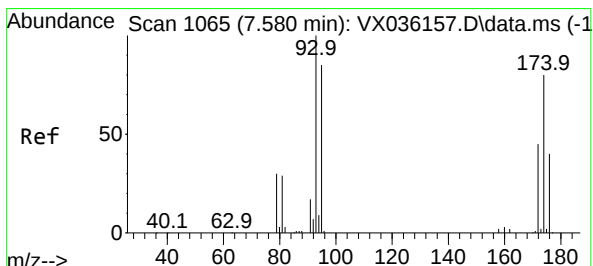
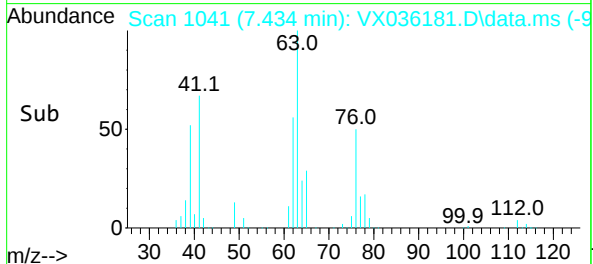
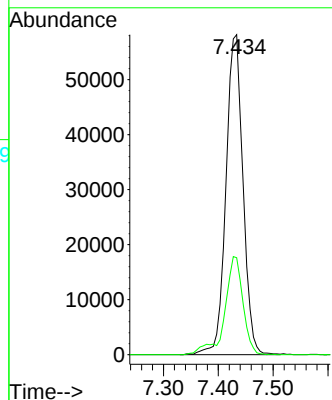
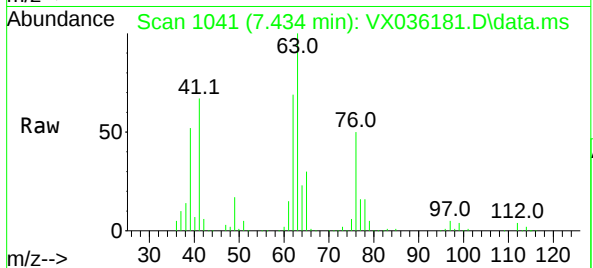
VSTDICCC050

Tgt Ion: 63 Resp: 125835

Ion Ratio Lower Upper

63 100

65 30.3 24.3 36.5



#46

Dibromomethane

Concen: 52.667 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX036181.D

Acq: 16 Jun 2023 13:37

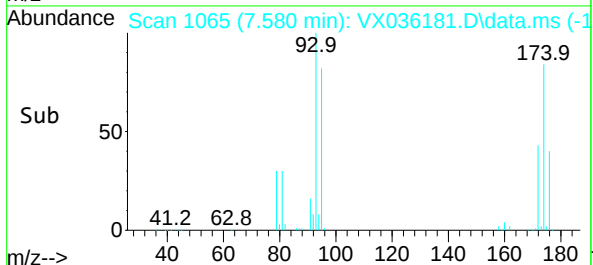
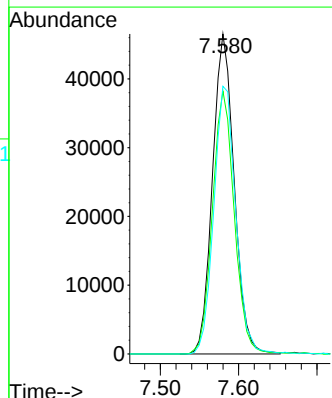
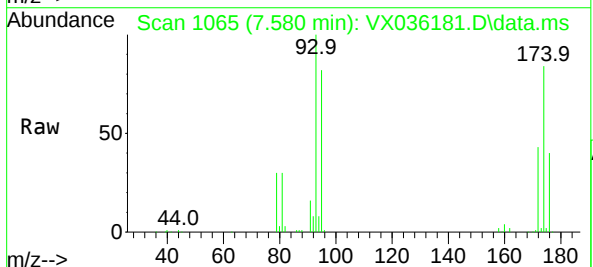
Tgt Ion: 93 Resp: 89543

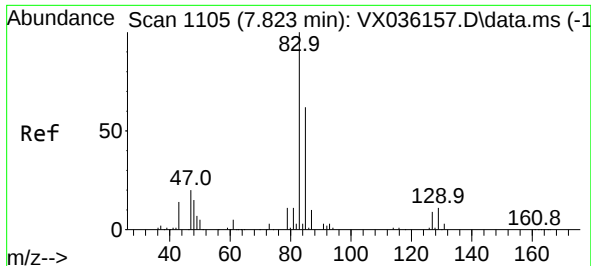
Ion Ratio Lower Upper

93 100

95 82.9 66.6 100.0

174 85.2 69.4 104.0

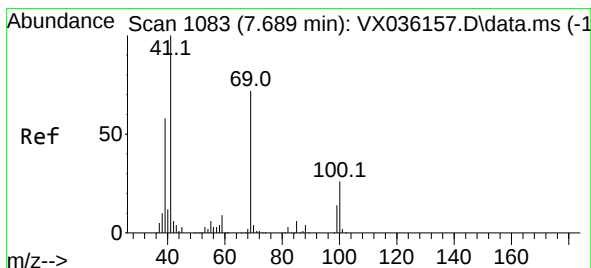
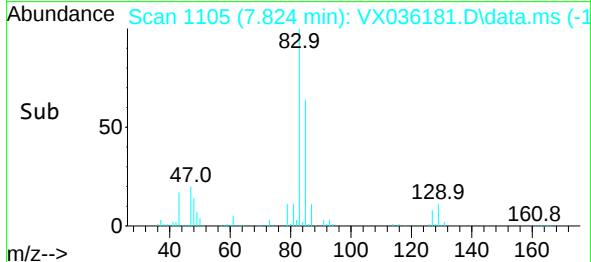
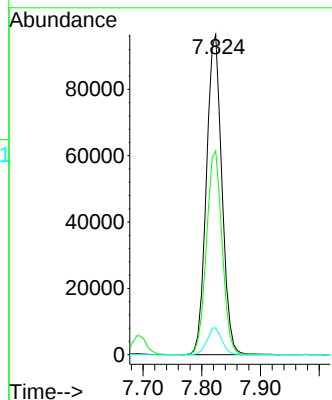
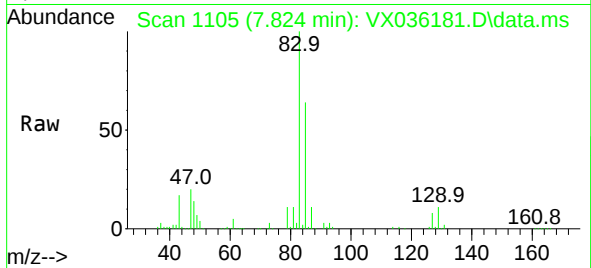




#47
Bromodichloromethane
Concen: 54.008 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

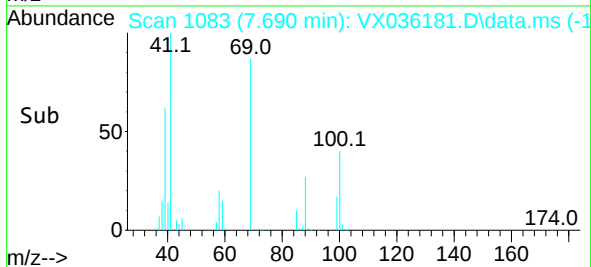
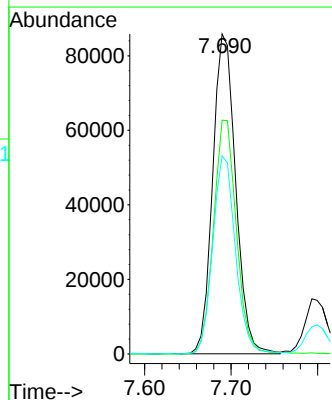
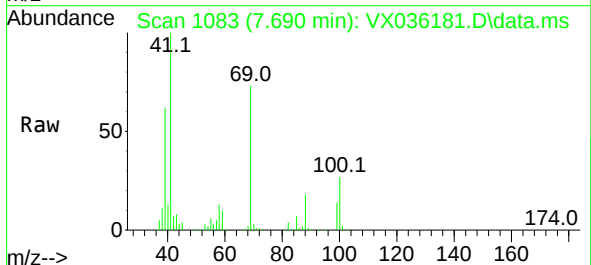
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

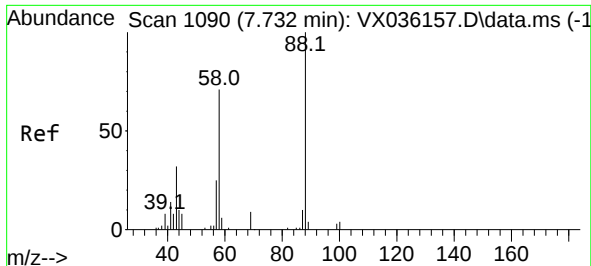
Tgt Ion: 83 Resp: 176283
Ion Ratio Lower Upper
83 100
85 63.7 49.8 74.6
127 8.4 7.1 10.7



#48
Methyl methacrylate
Concen: 54.096 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

Tgt Ion: 41 Resp: 157972
Ion Ratio Lower Upper
41 100
69 73.0 59.2 88.8
39 61.6 47.7 71.5





#49

1,4-Dioxane

Concen: 1132.641 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. -0.036 min

Lab File: VX036181.D

Acq: 16 Jun 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

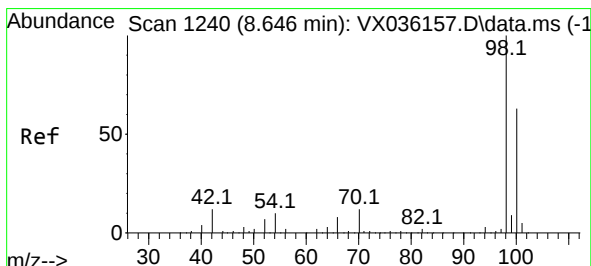
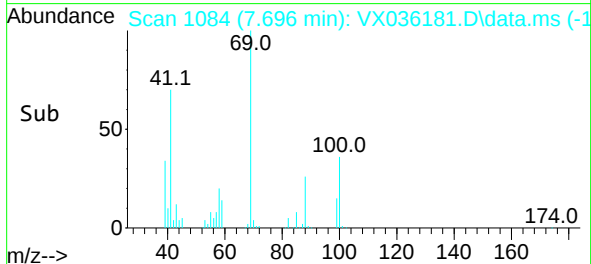
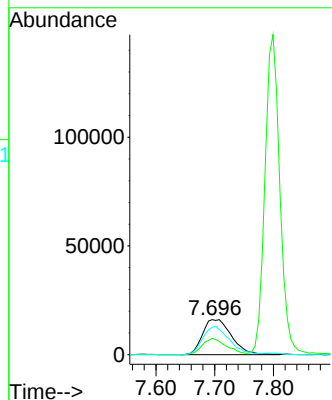
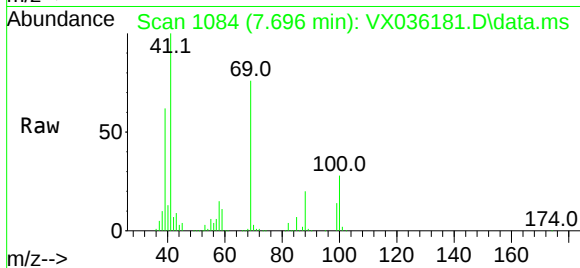
Tgt Ion: 88 Resp: 55378

Ion Ratio Lower Upper

88 100

43 39.3 0.0 0.0#

58 73.9 60.1 90.1



#50

Toluene-d8

Concen: 52.223 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX036181.D

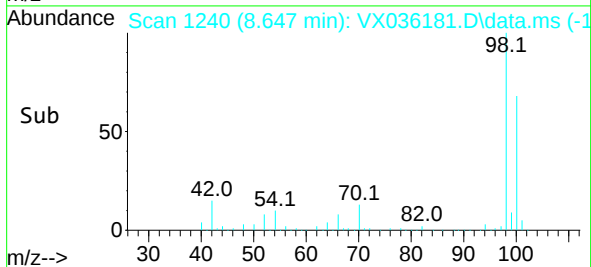
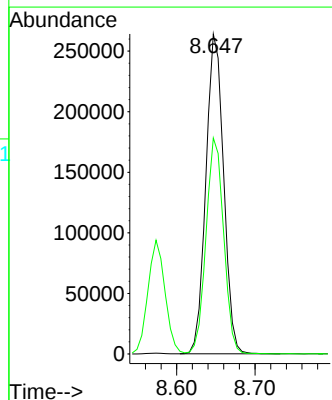
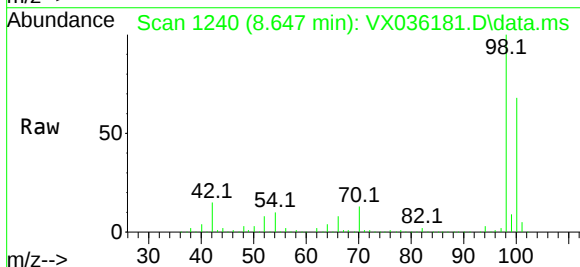
Acq: 16 Jun 2023 13:37

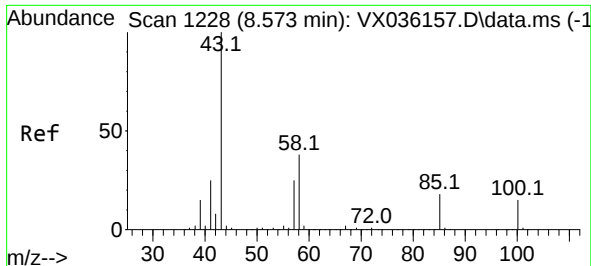
Tgt Ion: 98 Resp: 413972

Ion Ratio Lower Upper

98 100

100 67.2 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 270.878 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.001 min

Lab File: VX036181.D

Acq: 16 Jun 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

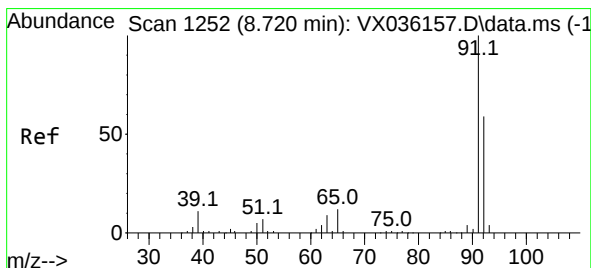
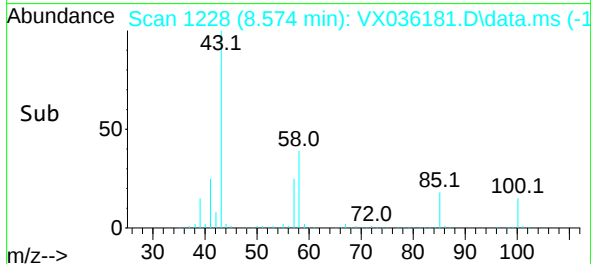
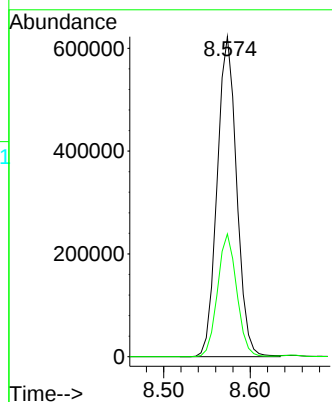
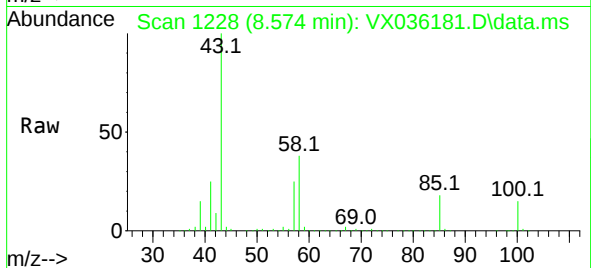
VSTDICCC050

Tgt Ion: 43 Resp: 973525

Ion Ratio Lower Upper

43 100

58 37.6 30.4 45.6



#52

Toluene

Concen: 53.277 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX036181.D

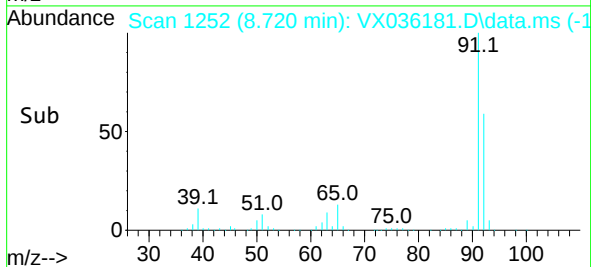
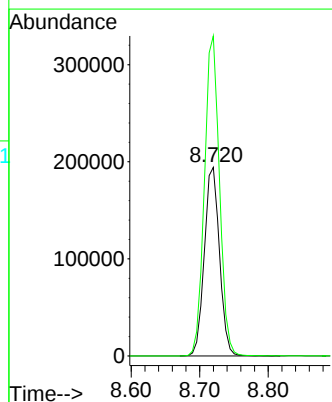
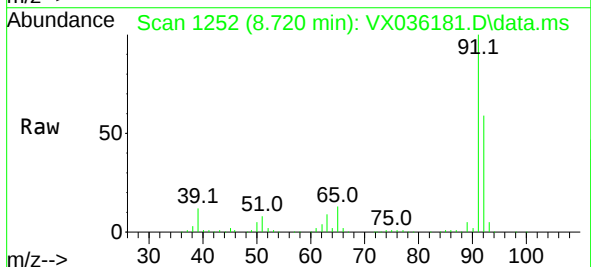
Acq: 16 Jun 2023 13:37

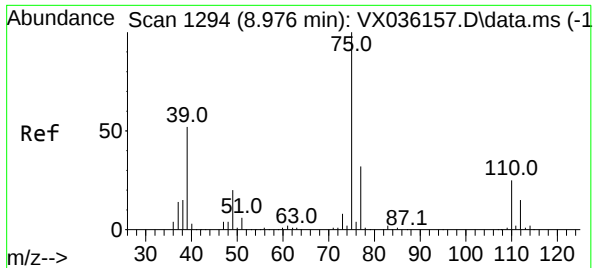
Tgt Ion: 92 Resp: 299436

Ion Ratio Lower Upper

92 100

91 168.5 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 49.230 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX036181.D

Acq: 16 Jun 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

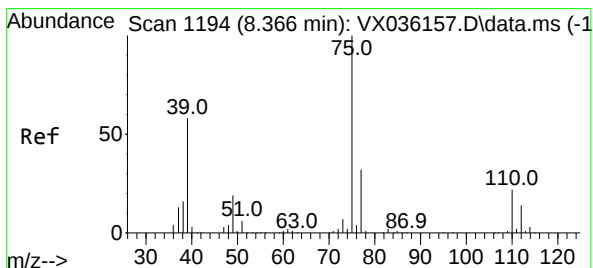
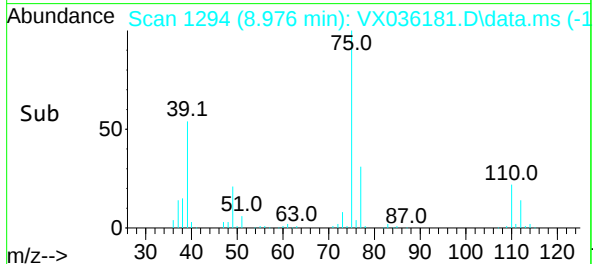
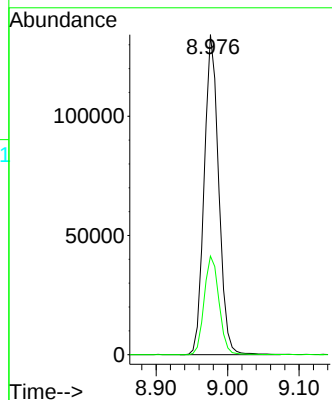
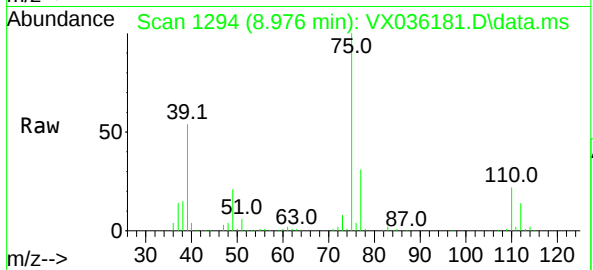
VSTDICCC050

Tgt Ion: 75 Resp: 189354

Ion Ratio Lower Upper

75 100

77 30.8 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 50.204 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036181.D

Acq: 16 Jun 2023 13:37

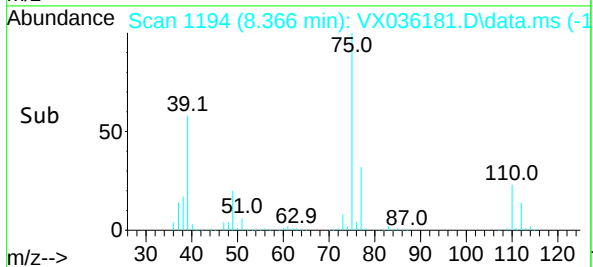
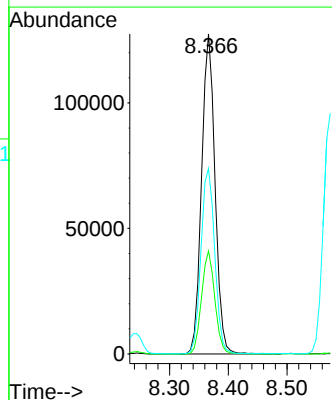
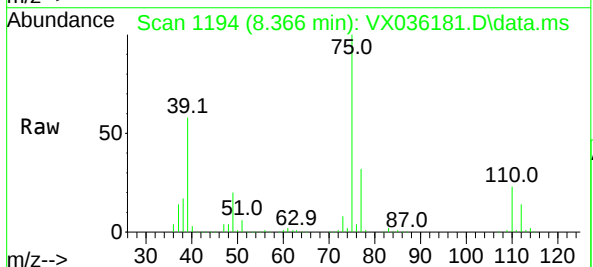
Tgt Ion: 75 Resp: 202108

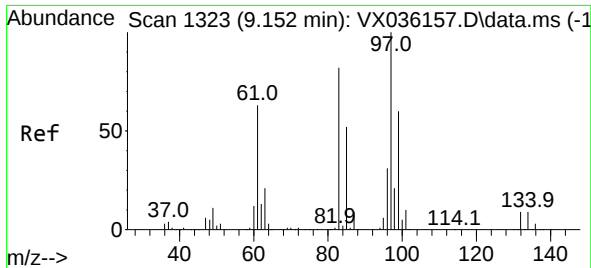
Ion Ratio Lower Upper

75 100

77 32.2 25.3 37.9

39 57.9 46.7 70.1



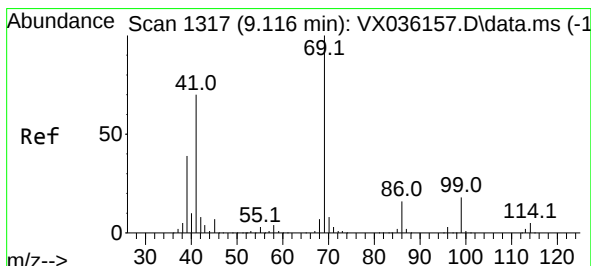
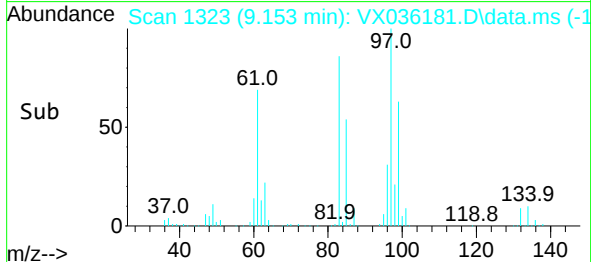
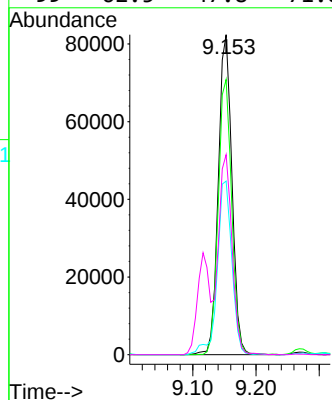
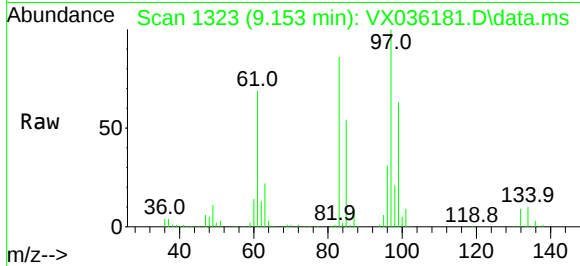


#55
1,1,2-Trichloroethane
Concen: 53.002 ug/l
RT: 9.153 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 97 Resp: 122978

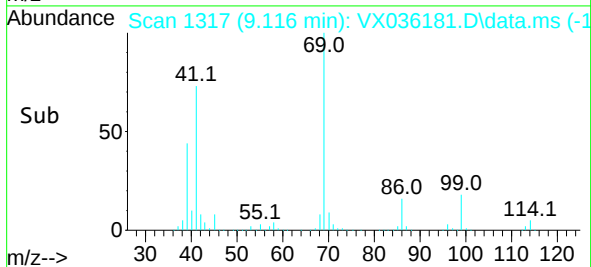
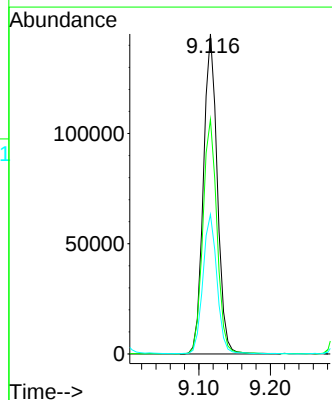
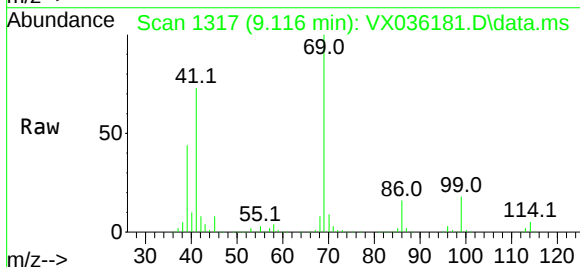
Ion	Ratio	Lower	Upper
97	100		
83	86.0	65.8	98.8
85	54.3	41.6	62.4
99	62.5	47.8	71.8

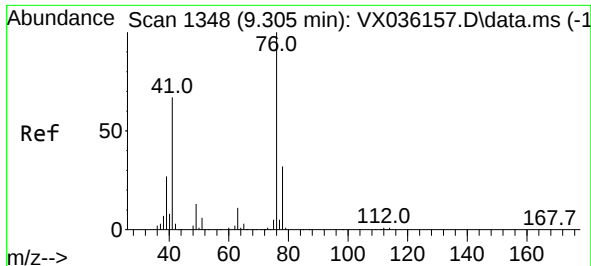


#56
Ethyl methacrylate
Concen: 49.944 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

Tgt Ion: 69 Resp: 196272

Ion	Ratio	Lower	Upper
69	100		
41	74.2	56.8	85.2
39	43.8	32.0	48.0





#57

1,3-Dichloropropane

Concen: 52.963 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX036181.D

Acq: 16 Jun 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

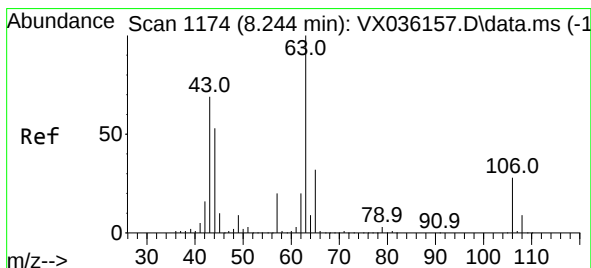
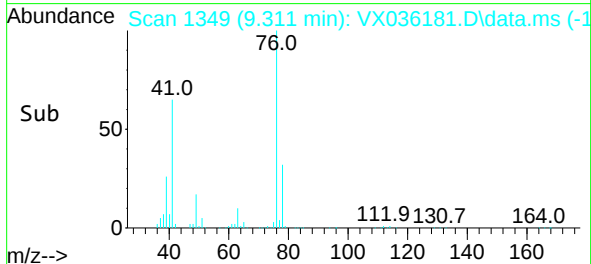
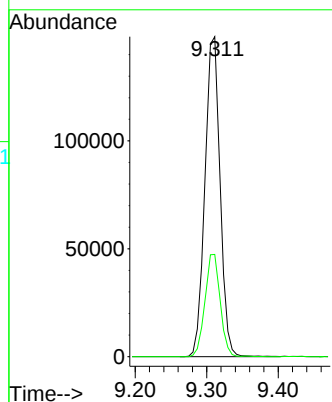
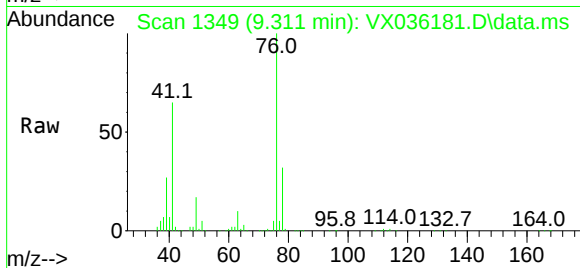
VSTDICCC050

Tgt Ion: 76 Resp: 218615

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 269.663 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX036181.D

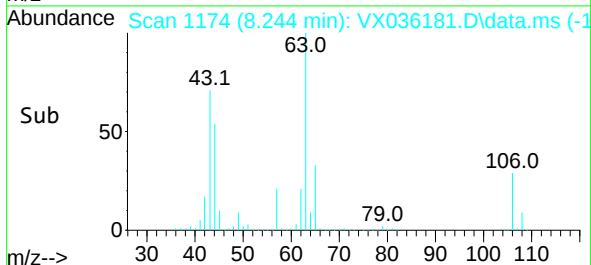
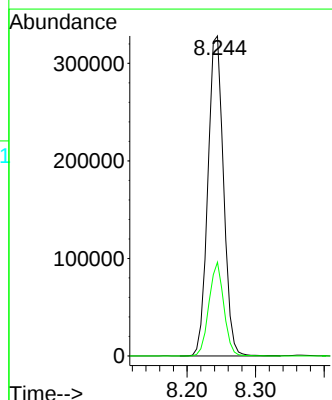
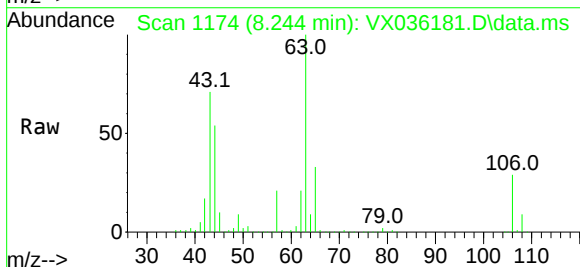
Acq: 16 Jun 2023 13:37

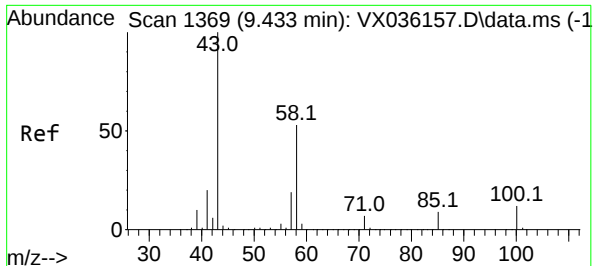
Tgt Ion: 63 Resp: 520951

Ion Ratio Lower Upper

63 100

106 27.7 22.5 33.7





#59

2-Hexanone

Concen: 279.243 ug/l

RT: 9.427 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX036181.D

Acq: 16 Jun 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

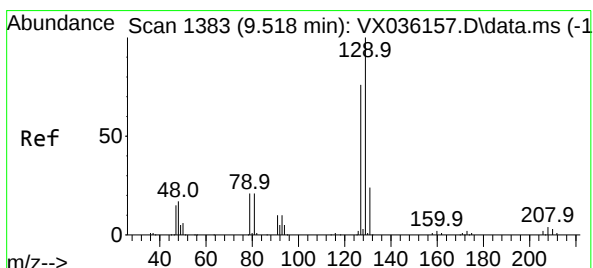
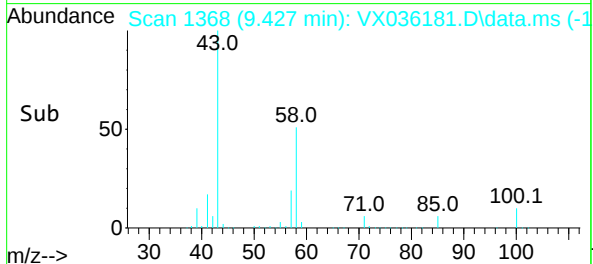
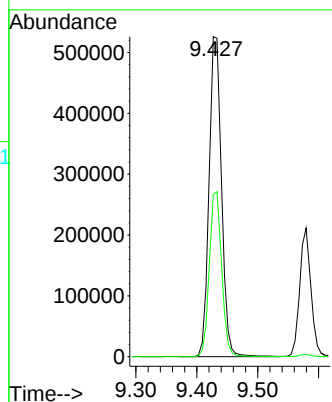
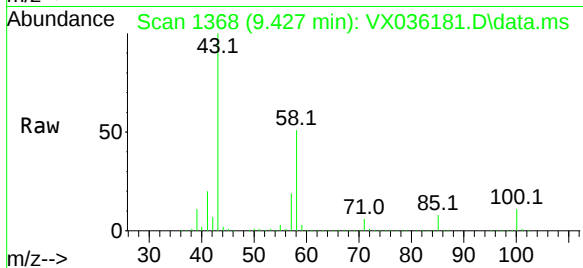
VSTDICCC050

Tgt Ion: 43 Resp: 746112

Ion Ratio Lower Upper

43 100

58 51.2 26.2 78.5



#60

Dibromochloromethane

Concen: 55.001 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.007 min

Lab File: VX036181.D

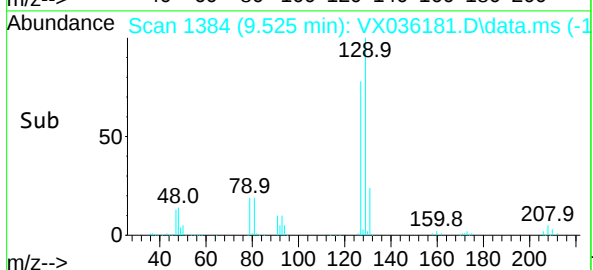
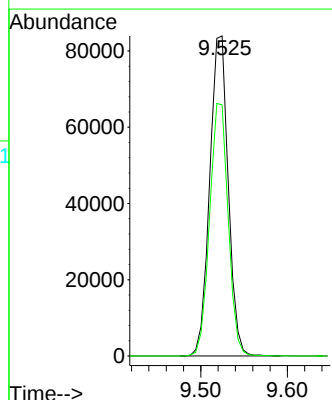
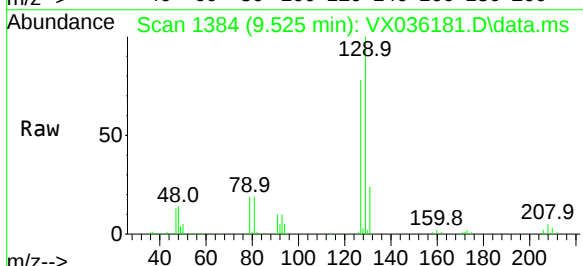
Acq: 16 Jun 2023 13:37

Tgt Ion:129 Resp: 124560

Ion Ratio Lower Upper

129 100

127 79.1 38.8 116.4

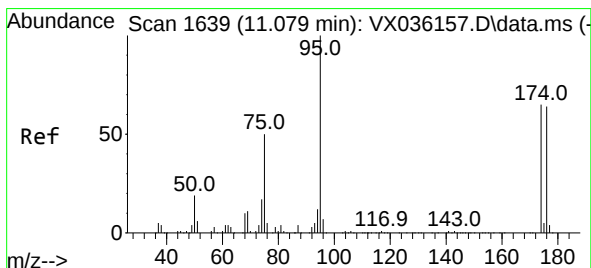
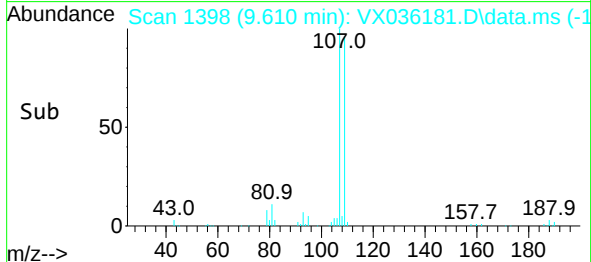
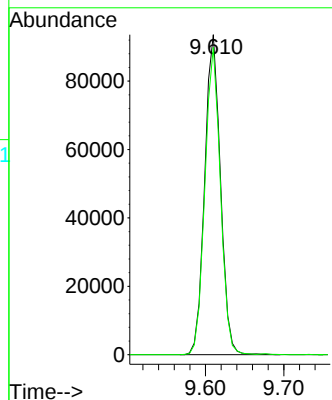
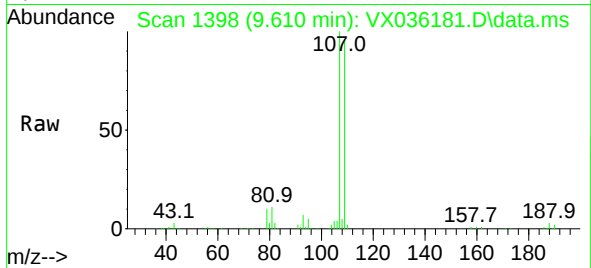




#61
1,2-Dibromoethane
Concen: 53.894 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

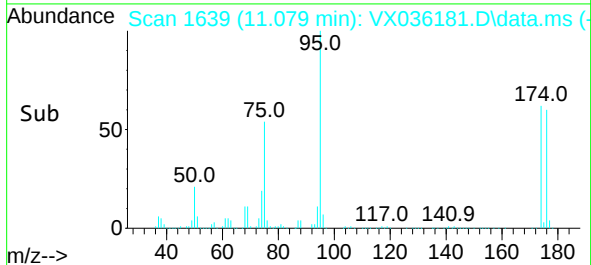
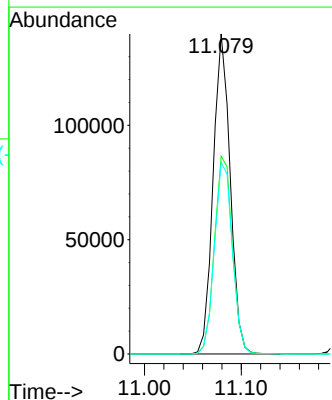
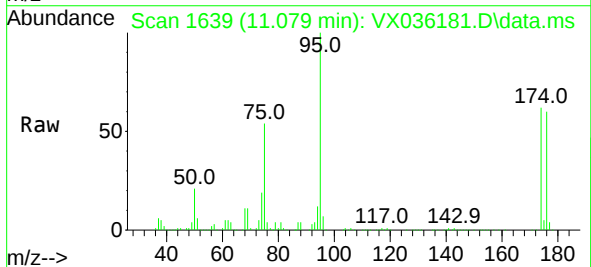
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

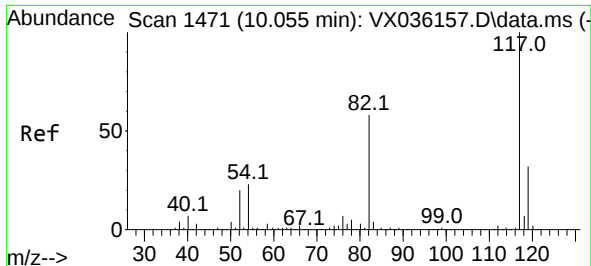
Tgt Ion:107 Resp: 130385
Ion Ratio Lower Upper
107 100
109 94.5 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 53.526 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

Tgt Ion: 95 Resp: 171276
Ion Ratio Lower Upper
95 100
174 65.0 0.0 135.6
176 63.2 0.0 131.0

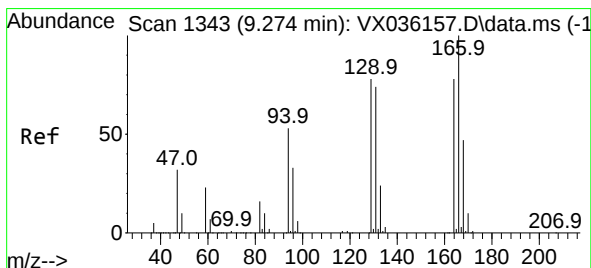
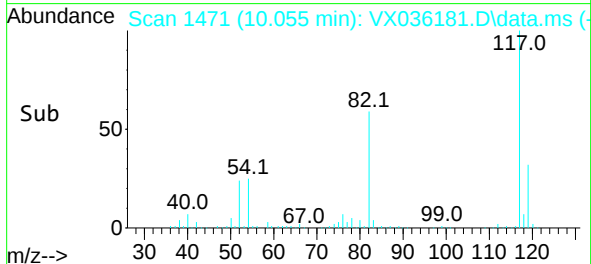
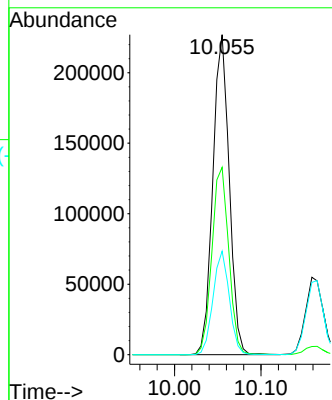
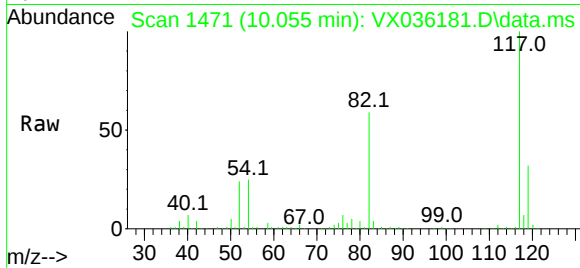




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

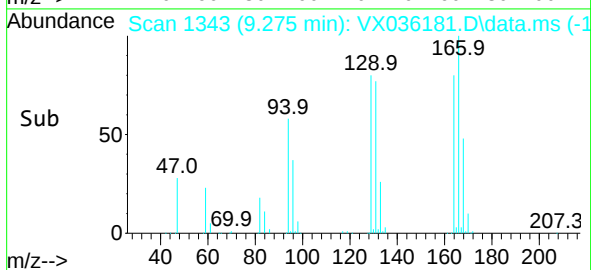
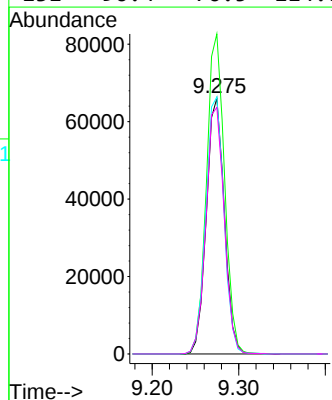
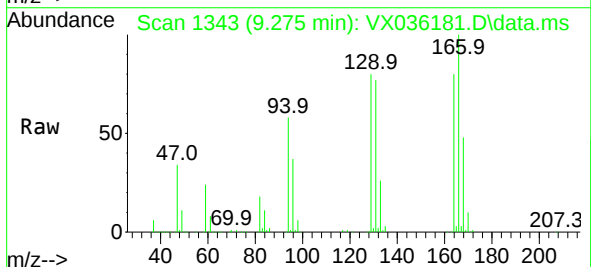
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

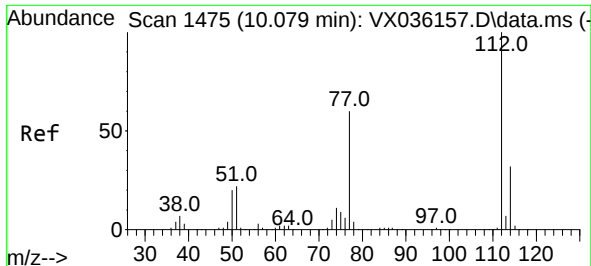
Tgt Ion:117 Resp: 298775
Ion Ratio Lower Upper
117 100
82 58.5 46.2 69.4
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 51.052 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

Tgt Ion:164 Resp: 94899
Ion Ratio Lower Upper
164 100
166 125.1 102.7 154.1
129 100.5 80.4 120.6
131 96.4 76.5 114.7

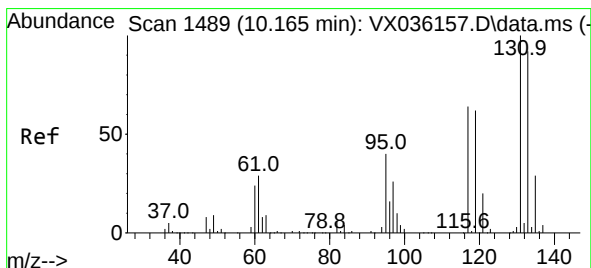
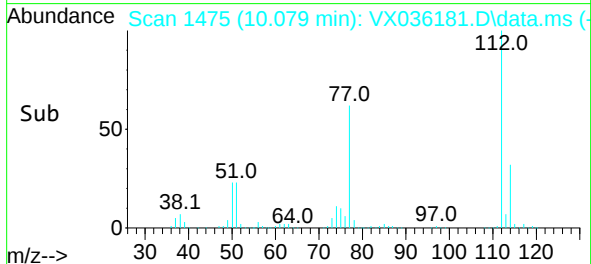
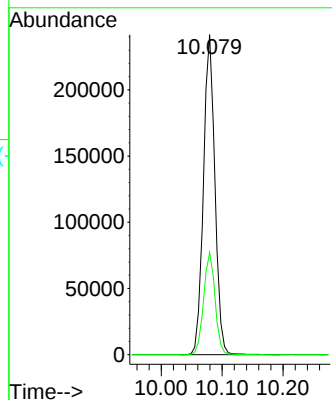
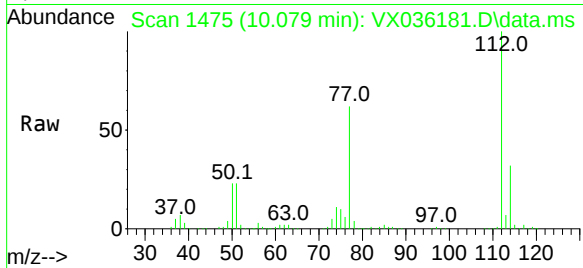




#65
Chlorobenzene
Concen: 51.113 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

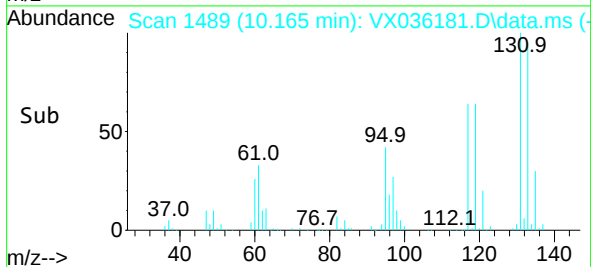
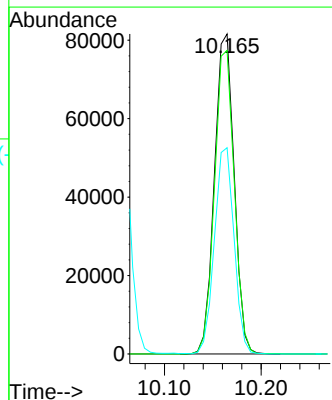
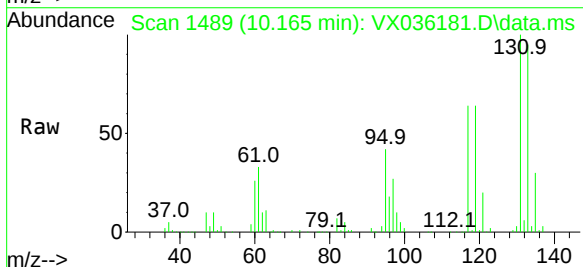
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

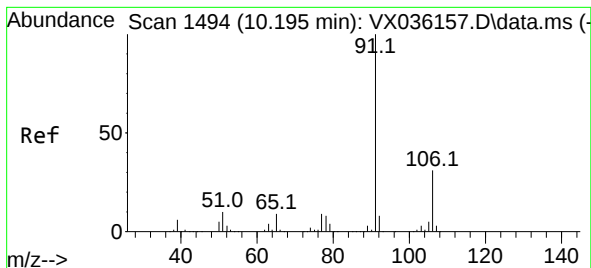
Tgt Ion:112 Resp: 316449
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 54.079 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

Tgt Ion:131 Resp: 115541
Ion Ratio Lower Upper
131 100
133 95.3 47.1 141.4
119 64.3 32.2 96.6





#67

Ethyl Benzene

Concen: 53.106 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX036181.D

Acq: 16 Jun 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

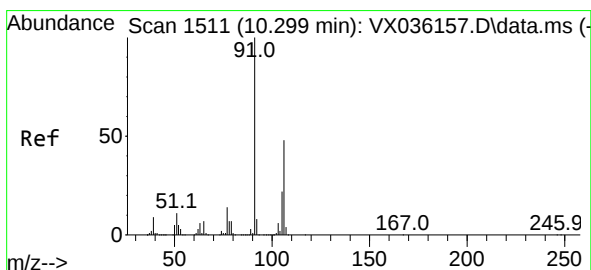
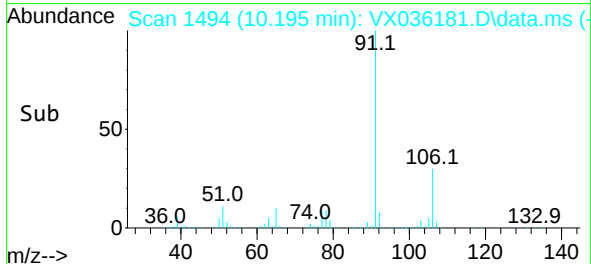
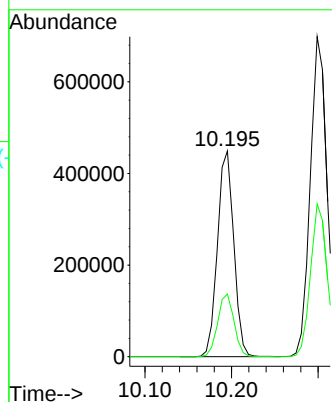
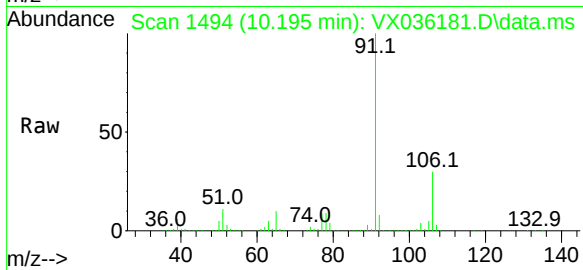
VSTDICCC050

Tgt Ion: 91 Resp: 587192

Ion Ratio Lower Upper

91 100

106 30.5 24.9 37.3



#68

m/p-Xylenes

Concen: 106.061 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX036181.D

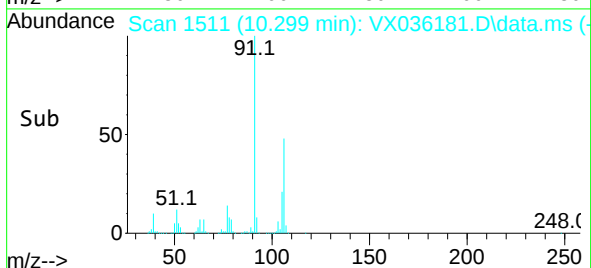
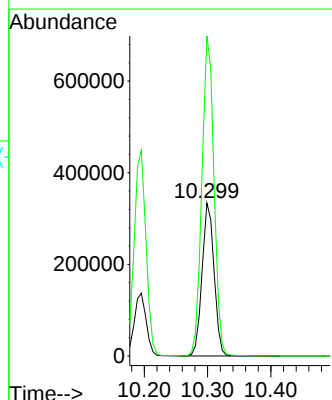
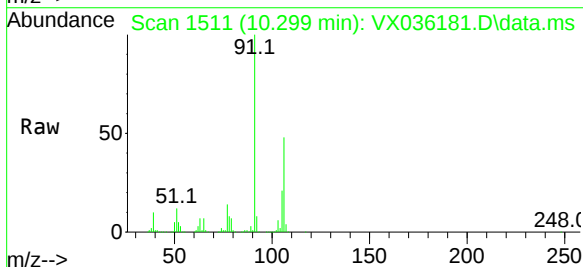
Acq: 16 Jun 2023 13:37

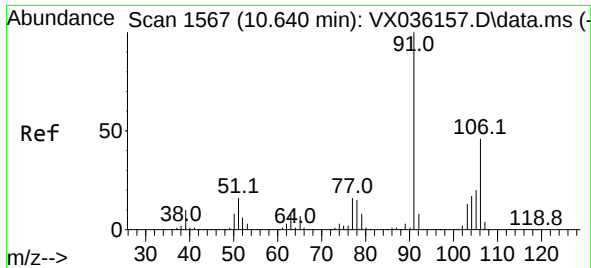
Tgt Ion: 106 Resp: 442447

Ion Ratio Lower Upper

106 100

91 210.3 165.5 248.3

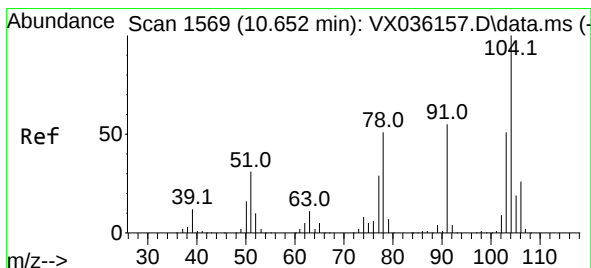
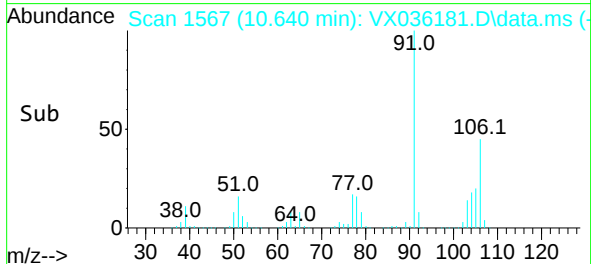
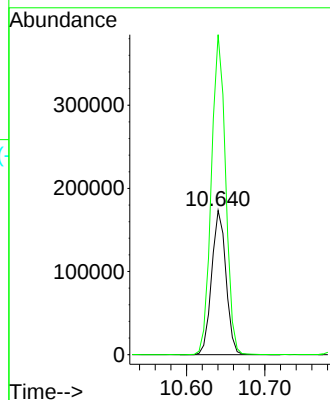
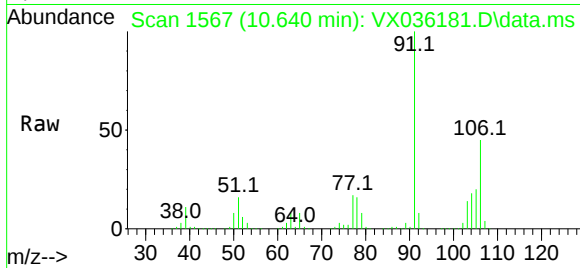




#69
o-Xylene
Concen: 53.226 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

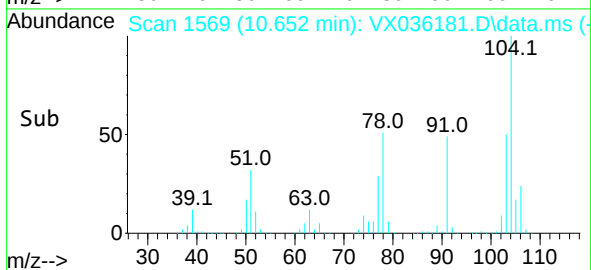
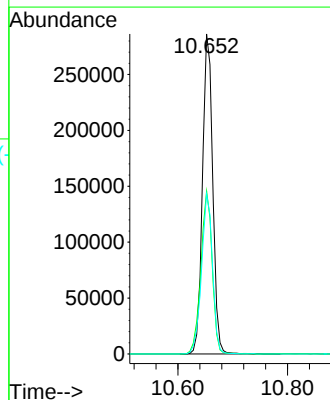
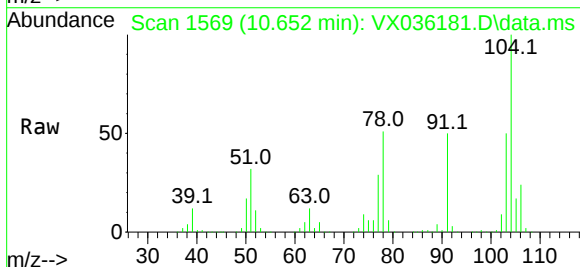
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

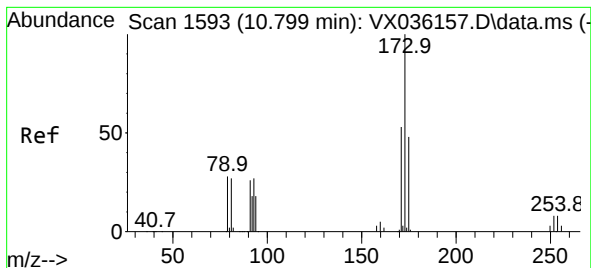
Tgt Ion:106 Resp: 219065
Ion Ratio Lower Upper
106 100
91 221.2 108.9 326.8



#70
Styrene
Concen: 54.214 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

Tgt Ion:104 Resp: 371794
Ion Ratio Lower Upper
104 100
78 56.1 43.6 65.4
103 53.9 43.6 65.4





#71

Bromoform

Concen: 48.862 ug/l

RT: 10.799 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX036181.D

Acq: 16 Jun 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

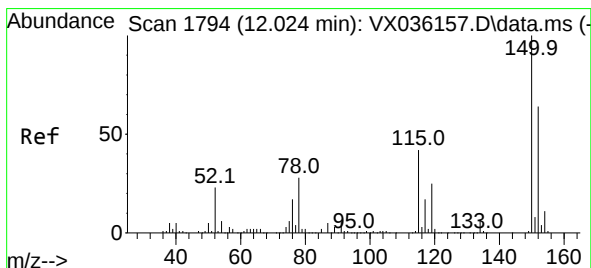
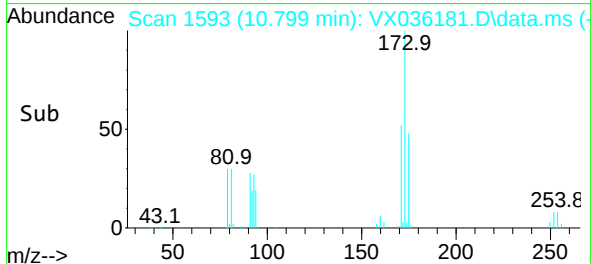
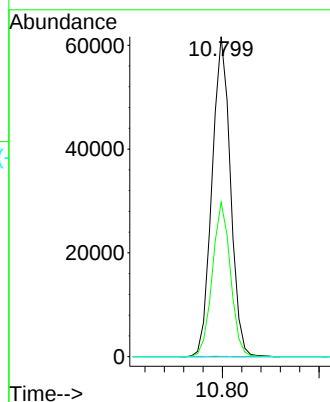
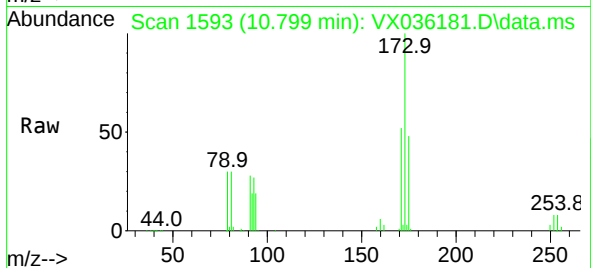
Tgt Ion:173 Resp: 81528

Ion Ratio Lower Upper

173 100

175 47.4 24.1 72.4

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX036181.D

Acq: 16 Jun 2023 13:37

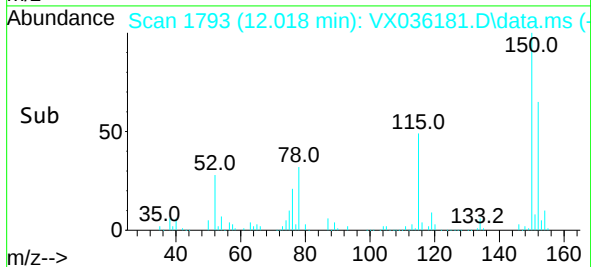
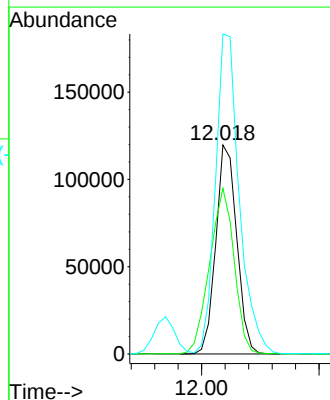
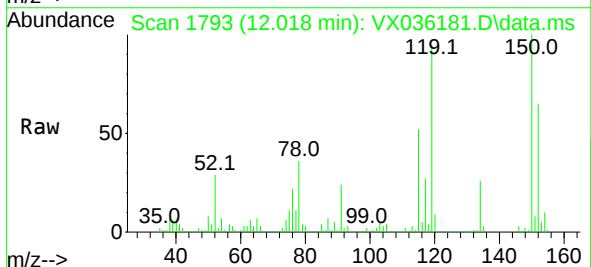
Tgt Ion:152 Resp: 147979

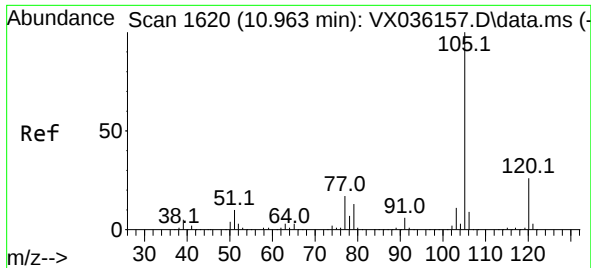
Ion Ratio Lower Upper

152 100

115 93.2 43.3 129.9

150 174.2 0.0 345.0

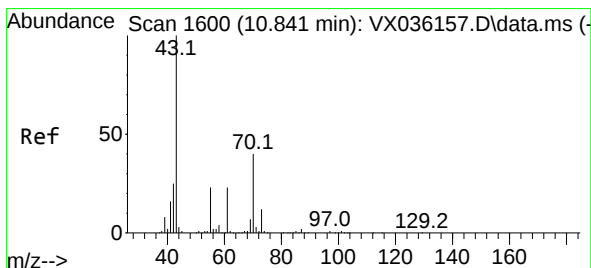
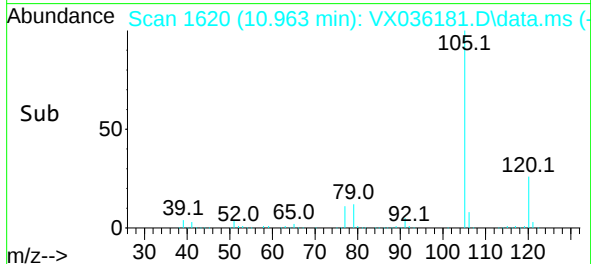
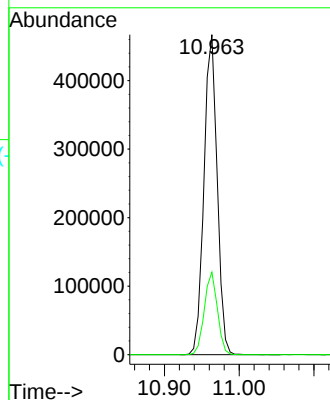
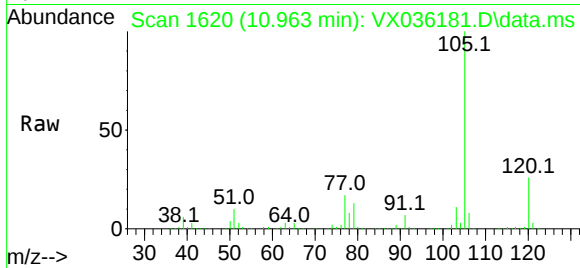




#73
Isopropylbenzene
Concen: 52.121 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

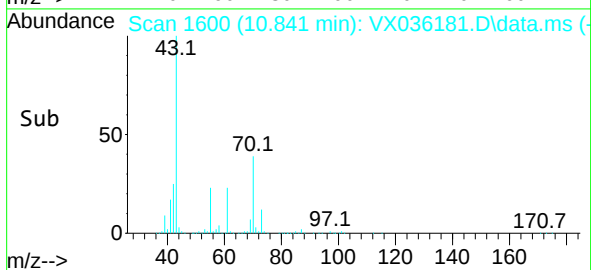
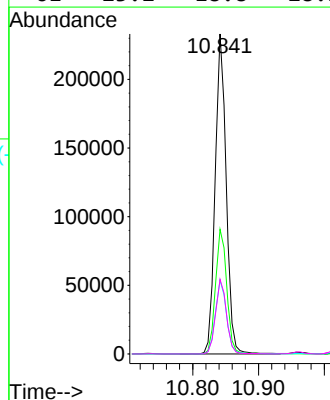
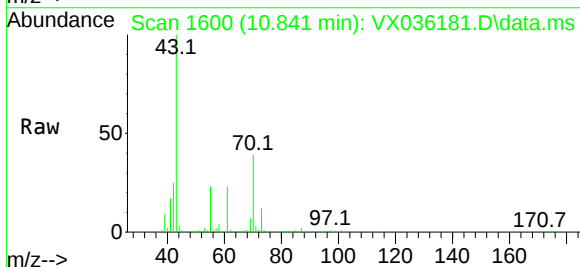
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

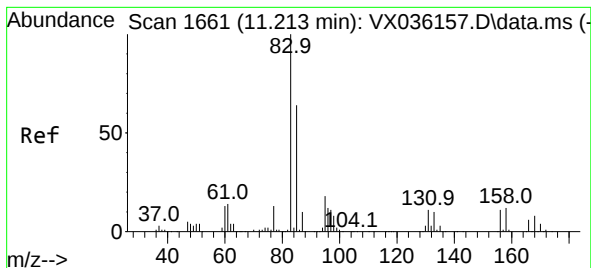
Tgt Ion:105 Resp: 572311
Ion Ratio Lower Upper
105 100
120 25.5 12.9 38.6



#74
N-ethyl acetate
Concen: 54.712 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

Tgt Ion: 43 Resp: 271473
Ion Ratio Lower Upper
43 100
70 40.0 32.9 49.3
55 23.4 19.3 28.9
61 23.2 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 52.101 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX036181.D

Acq: 16 Jun 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

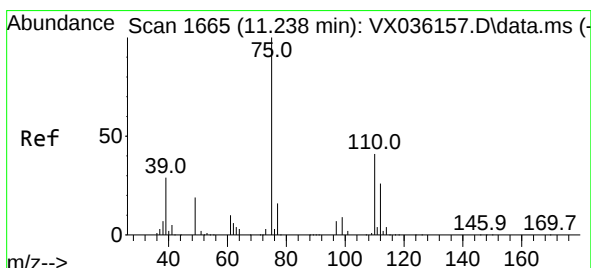
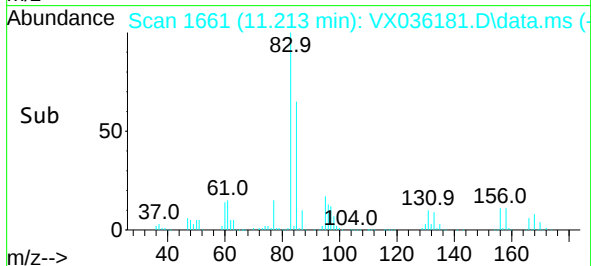
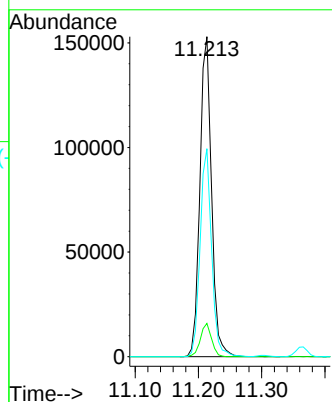
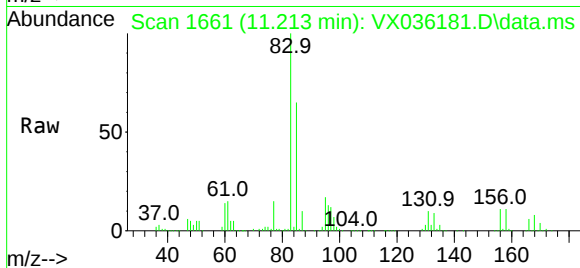
Tgt Ion: 83 Resp: 195890

Ion Ratio Lower Upper

83 100

131 10.0 5.3 15.8

85 64.4 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 60.359 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX036181.D

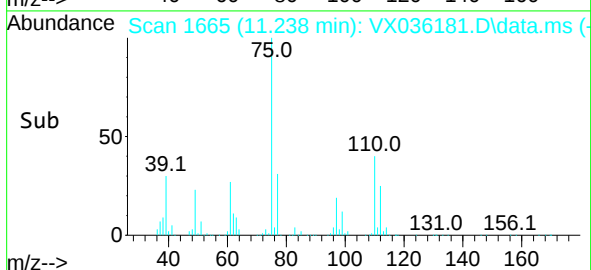
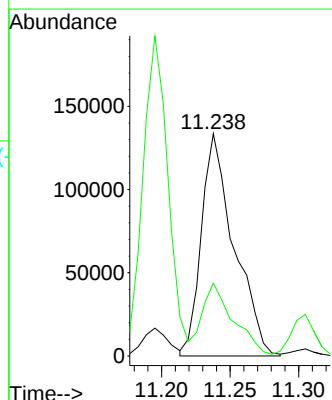
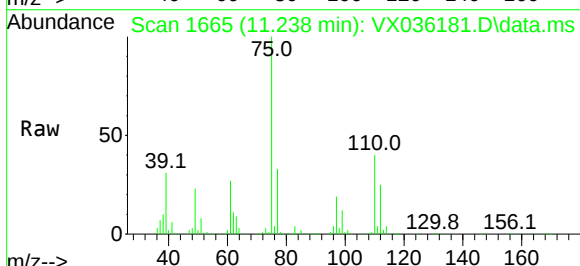
Acq: 16 Jun 2023 13:37

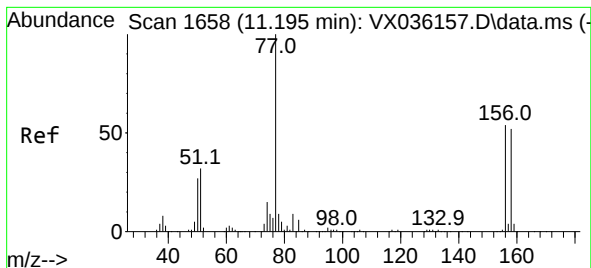
Tgt Ion: 75 Resp: 221955

Ion Ratio Lower Upper

75 100

77 31.5 19.1 57.5





#77

Bromobenzene

Concen: 50.636 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036181.D

Acq: 16 Jun 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

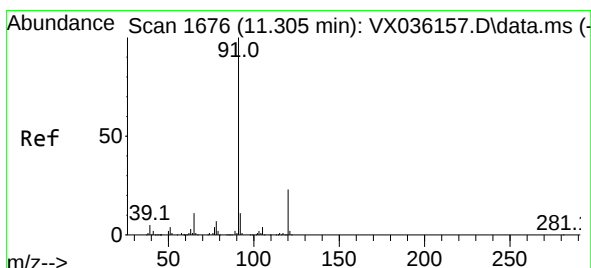
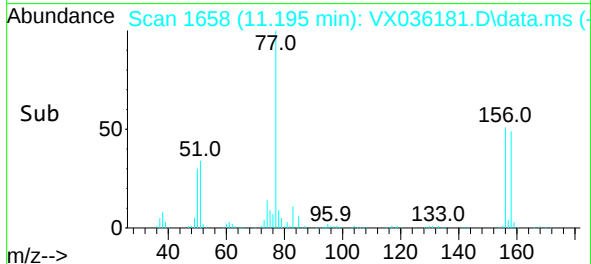
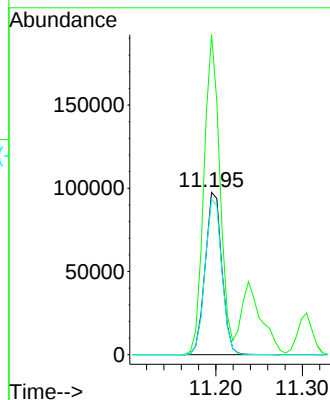
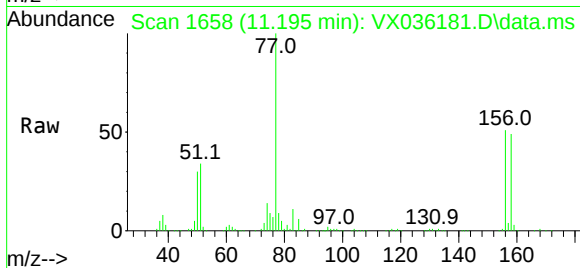
Tgt Ion:156 Resp: 130265

Ion Ratio Lower Upper

156 100

77 189.2 88.4 265.3

158 96.8 48.0 144.0



#78

n-propylbenzene

Concen: 52.416 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX036181.D

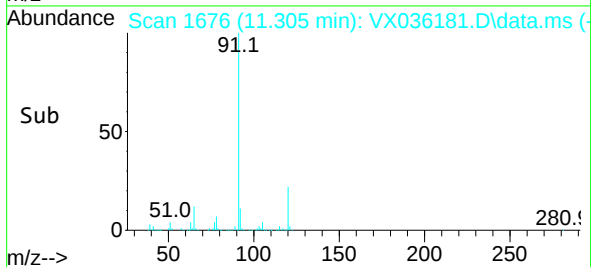
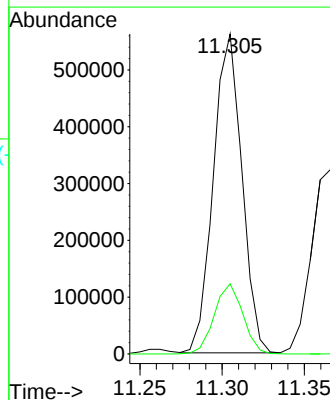
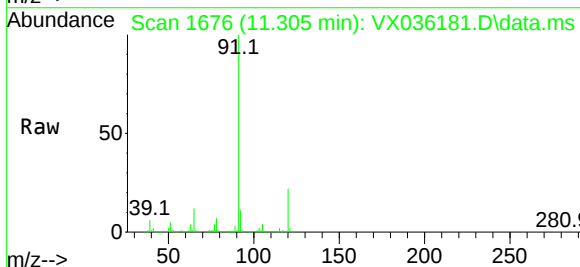
Acq: 16 Jun 2023 13:37

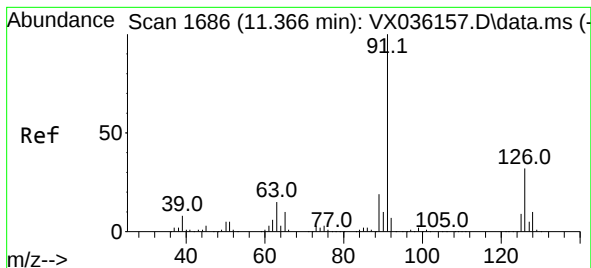
Tgt Ion: 91 Resp: 677065

Ion Ratio Lower Upper

91 100

120 22.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 51.100 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX036181.D

Acq: 16 Jun 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

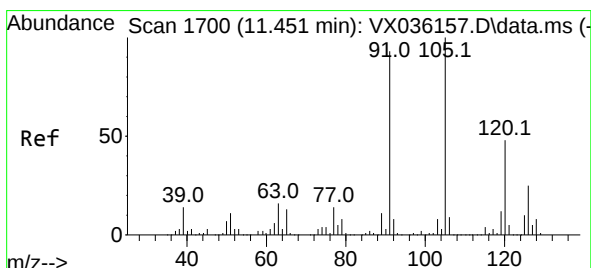
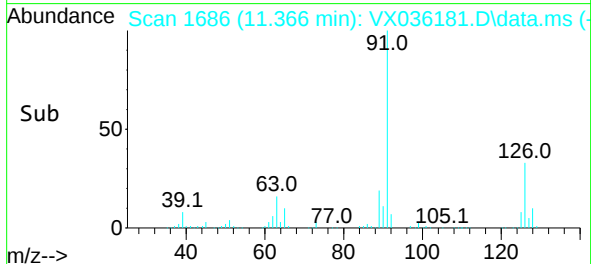
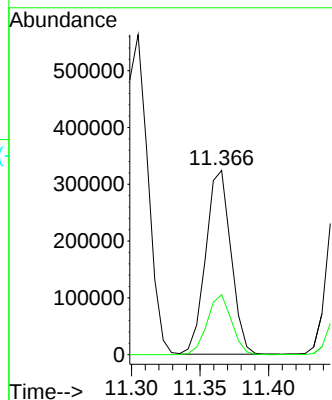
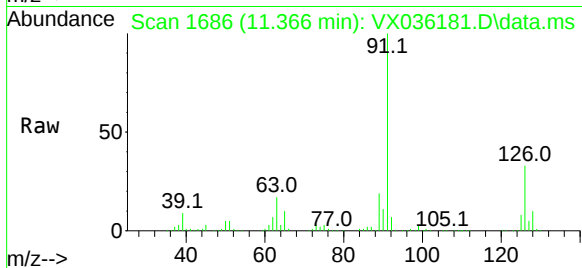
VSTDICCC050

Tgt Ion: 91 Resp: 415172

Ion Ratio Lower Upper

91 100

126 31.5 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 52.667 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX036181.D

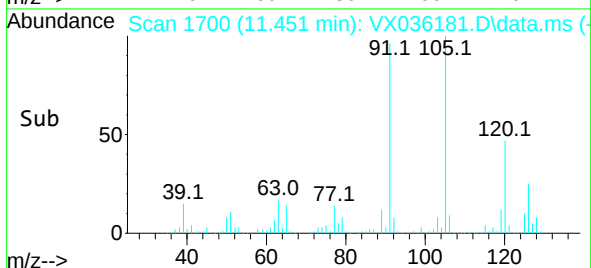
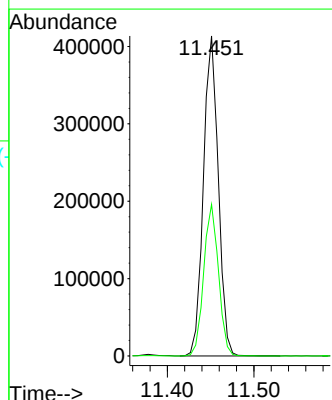
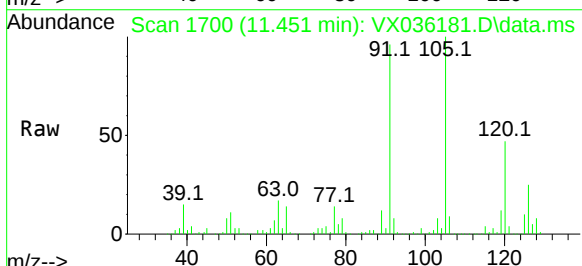
Acq: 16 Jun 2023 13:37

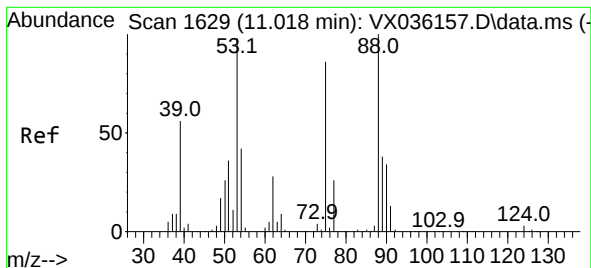
Tgt Ion: 105 Resp: 492428

Ion Ratio Lower Upper

105 100

120 47.0 24.1 72.3

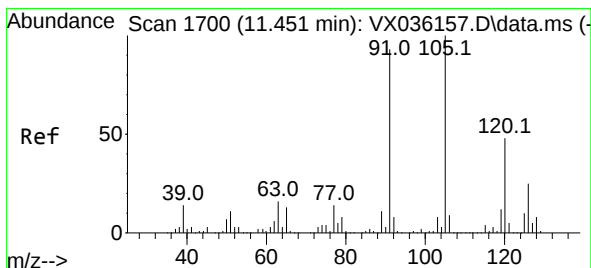
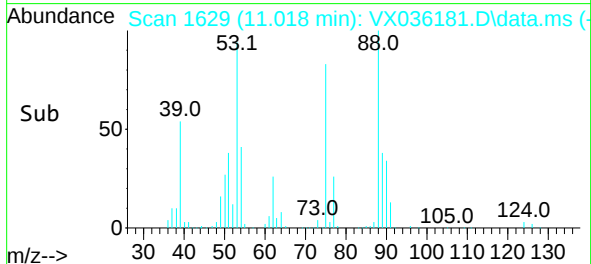
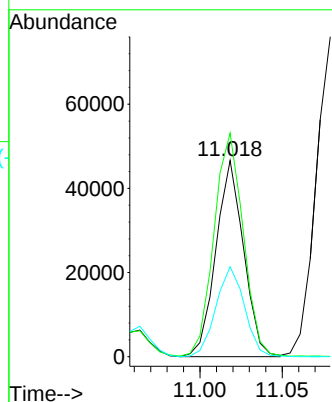
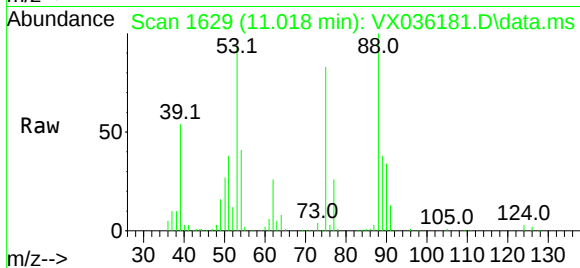




#81
trans-1,4-Dichloro-2-butene
Concen: 48.326 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

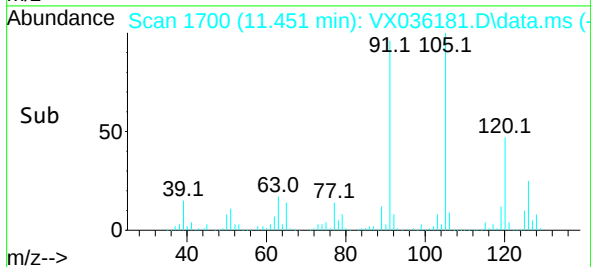
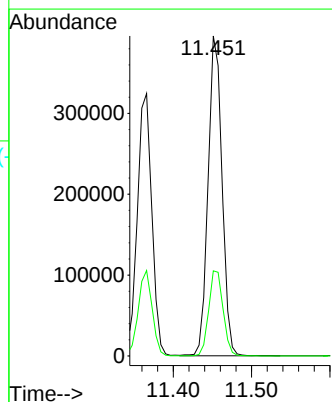
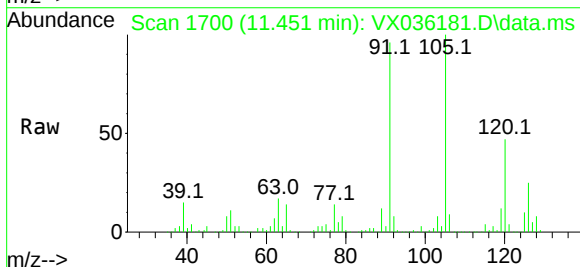
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

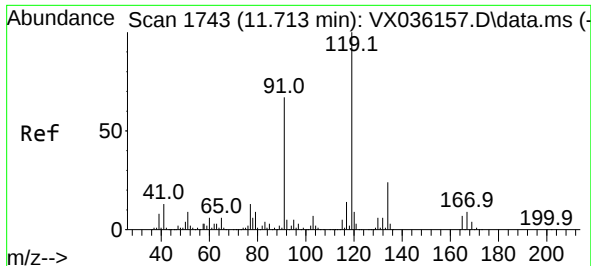
Tgt Ion: 75 Resp: 54620
Ion Ratio Lower Upper
75 100
53 119.9 90.5 135.7
89 47.1 36.9 55.3



#82
4-Chlorotoluene
Concen: 51.556 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

Tgt Ion: 91 Resp: 488053
Ion Ratio Lower Upper
91 100
126 27.5 14.2 42.6

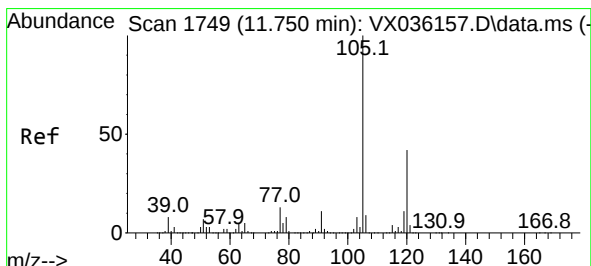
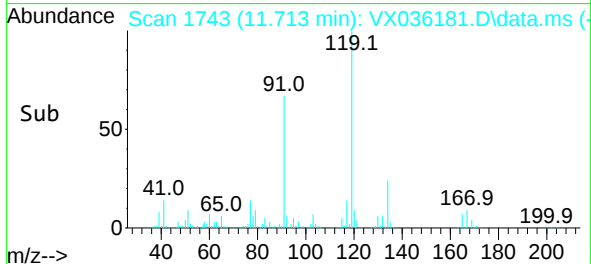
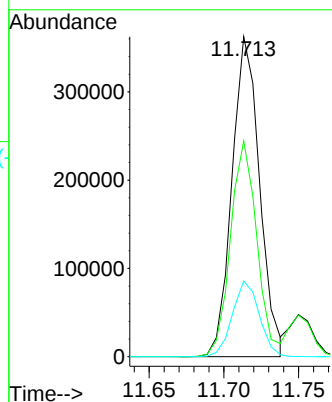
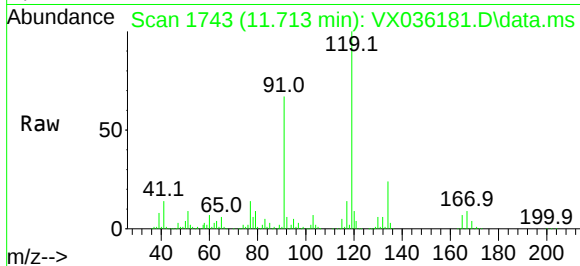




#83
 tert-Butylbenzene
 Concen: 52.345 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: VX036181.D
 Acq: 16 Jun 2023 13:37

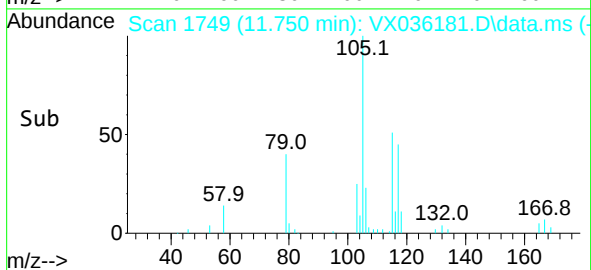
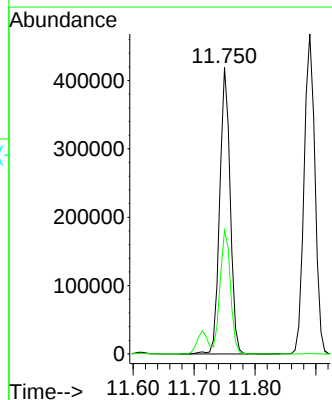
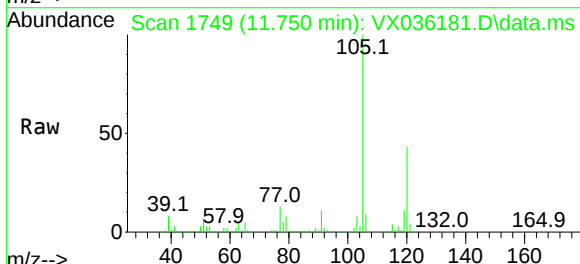
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

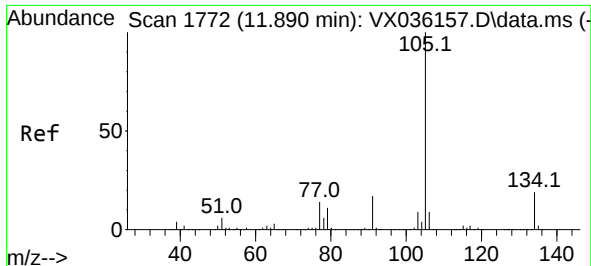
Tgt Ion:119 Resp: 465283
 Ion Ratio Lower Upper
 119 100
 91 64.4 31.2 93.6
 134 23.0 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 53.526 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX036181.D
 Acq: 16 Jun 2023 13:37

Tgt Ion:105 Resp: 499188
 Ion Ratio Lower Upper
 105 100
 120 42.8 21.2 63.6

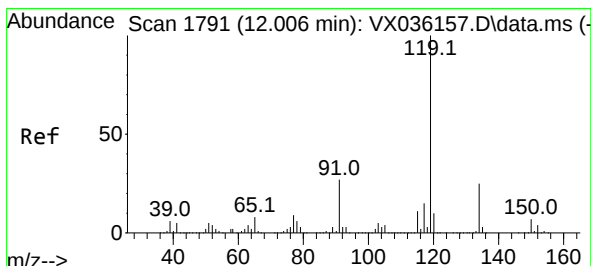
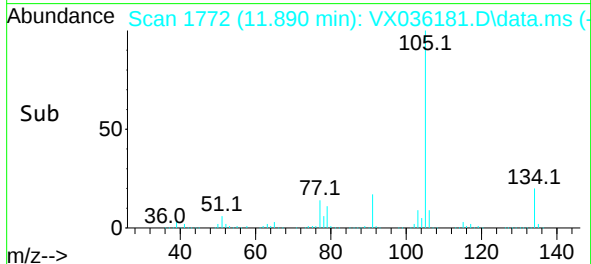
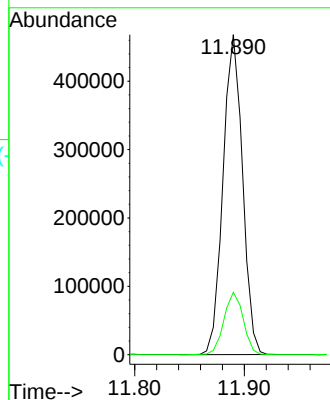
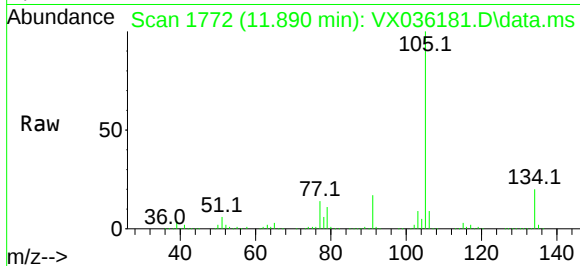




#85
 sec-Butylbenzene
 Concen: 52.186 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036181.D
 Acq: 16 Jun 2023 13:37

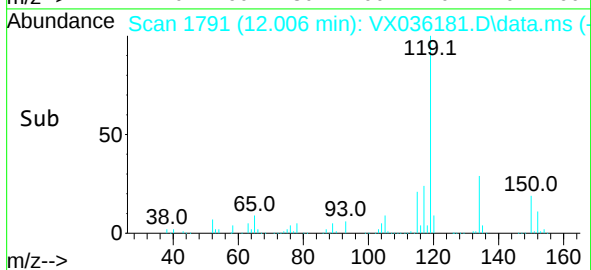
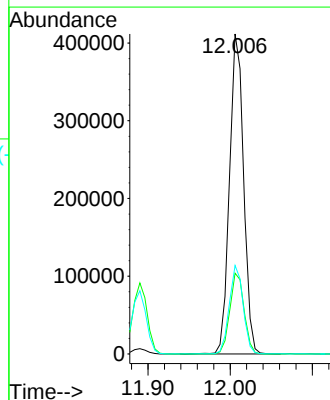
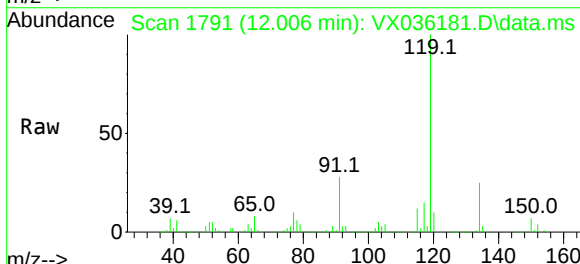
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

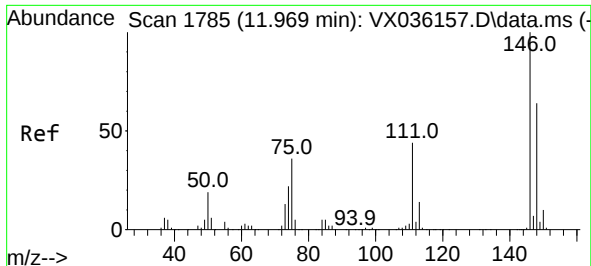
Tgt Ion:105 Resp: 577585
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 52.945 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX036181.D
 Acq: 16 Jun 2023 13:37

Tgt Ion:119 Resp: 493016
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 27.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 50.925 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036181.D

Acq: 16 Jun 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

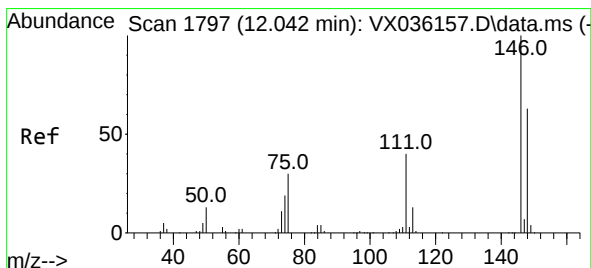
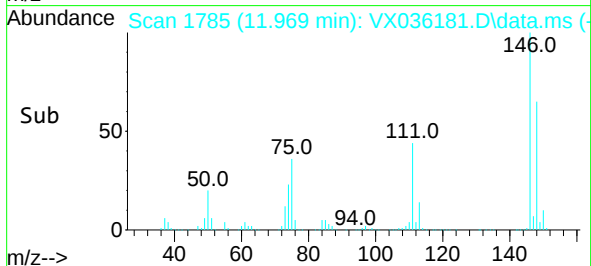
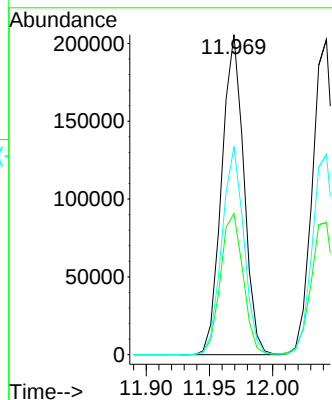
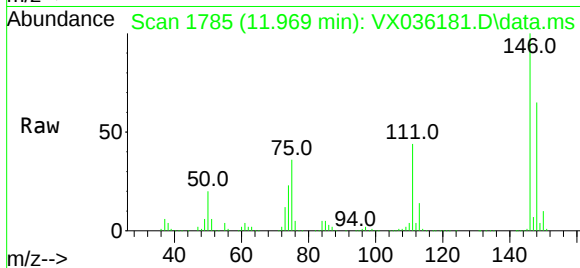
Tgt Ion:146 Resp: 249842

Ion Ratio Lower Upper

146 100

111 45.3 22.1 66.1

148 64.6 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 51.063 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX036181.D

Acq: 16 Jun 2023 13:37

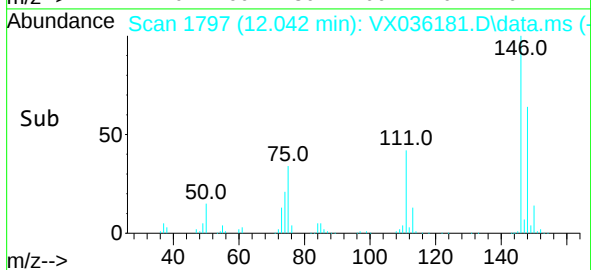
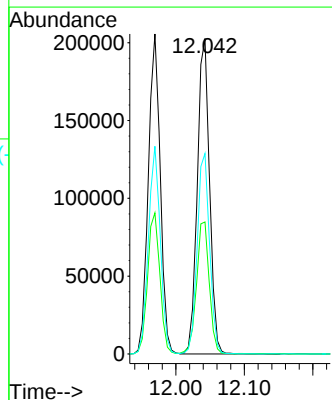
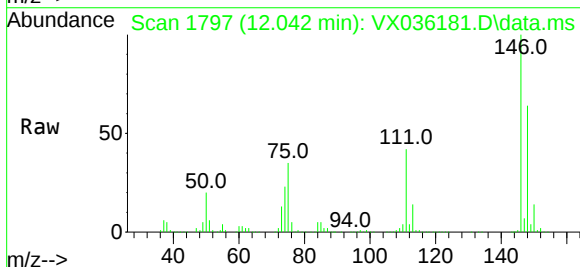
Tgt Ion:146 Resp: 252747

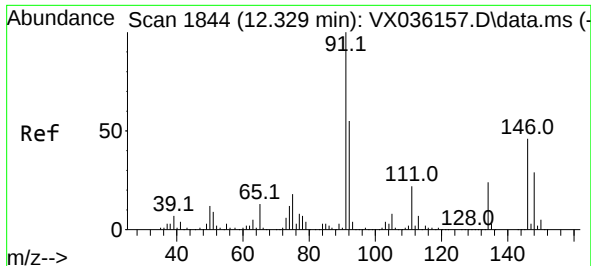
Ion Ratio Lower Upper

146 100

111 43.6 21.3 63.7

148 64.2 31.8 95.4





#89

n-Butylbenzene

Concen: 52.867 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX036181.D

Acq: 16 Jun 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

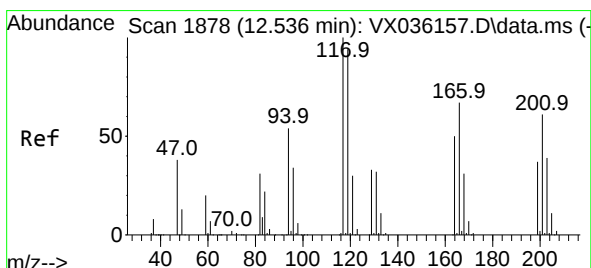
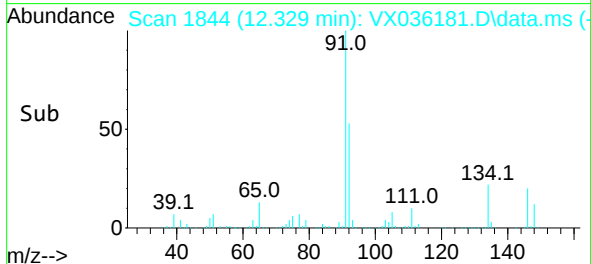
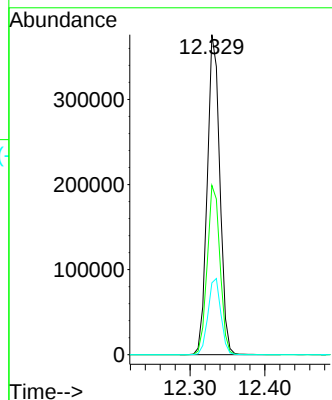
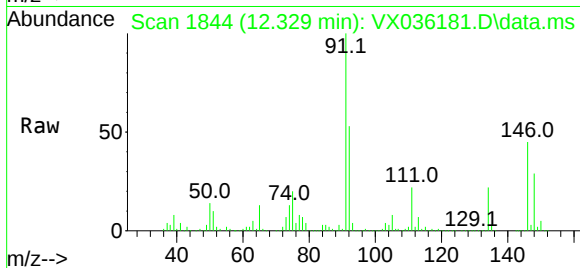
Tgt Ion: 91 Resp: 439334

Ion Ratio Lower Upper

91 100

92 53.8 27.4 82.0

134 24.3 12.6 37.8



#90

Hexachloroethane

Concen: 47.048 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX036181.D

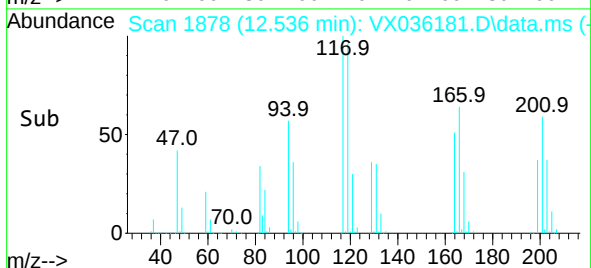
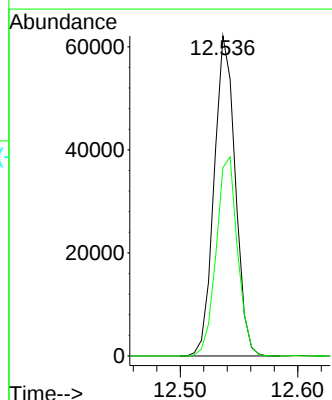
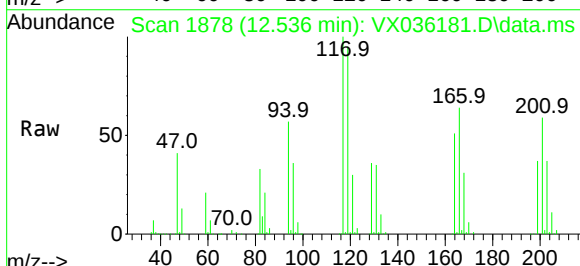
Acq: 16 Jun 2023 13:37

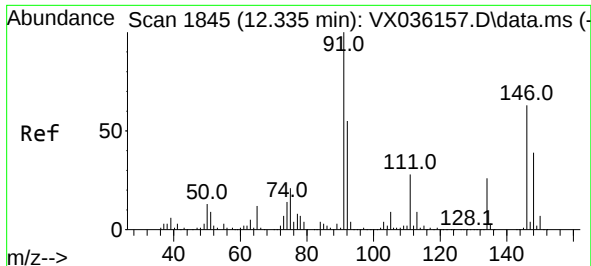
Tgt Ion: 117 Resp: 77667

Ion Ratio Lower Upper

117 100

201 62.9 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 51.992 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX036181.D

Acq: 16 Jun 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

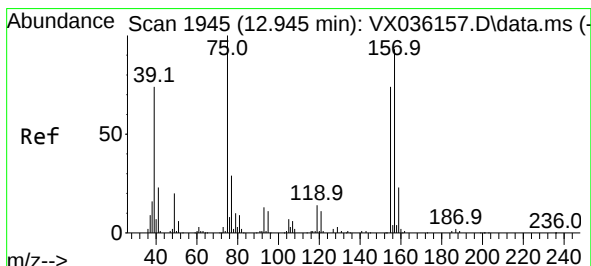
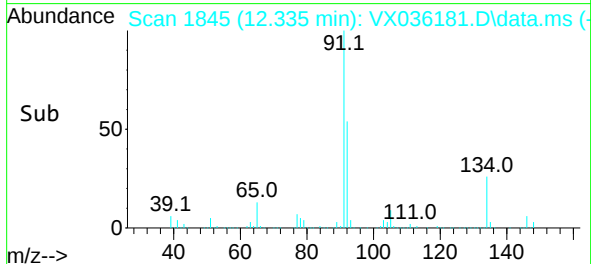
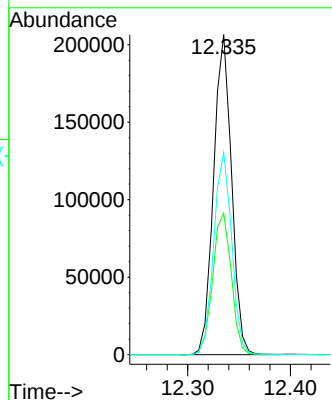
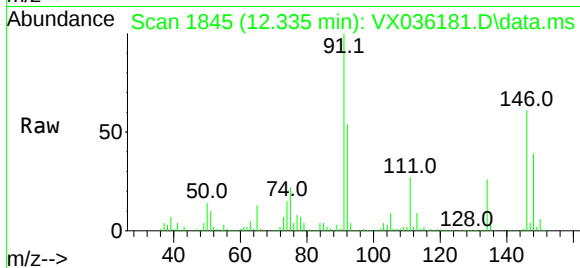
Tgt Ion:146 Resp: 250349

Ion Ratio Lower Upper

146 100

111 45.8 22.4 67.0

148 63.4 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.474 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX036181.D

Acq: 16 Jun 2023 13:37

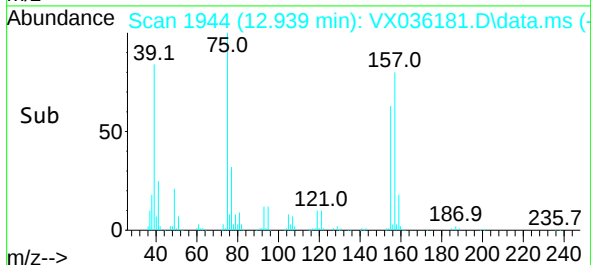
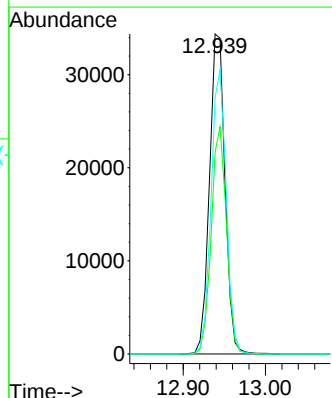
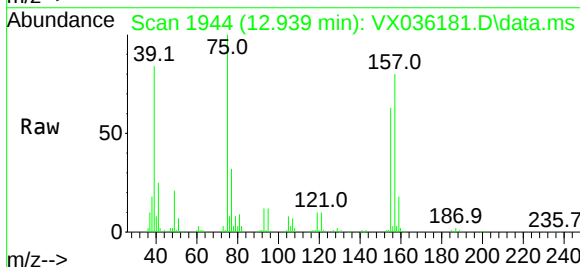
Tgt Ion: 75 Resp: 45174

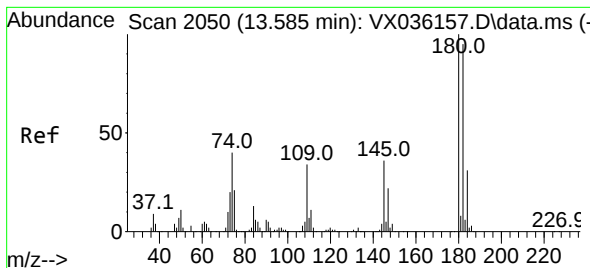
Ion Ratio Lower Upper

75 100

155 69.2 36.1 108.5

157 86.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 50.401 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036181.D

Acq: 16 Jun 2023 13:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

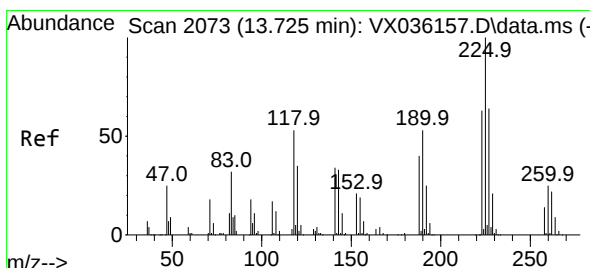
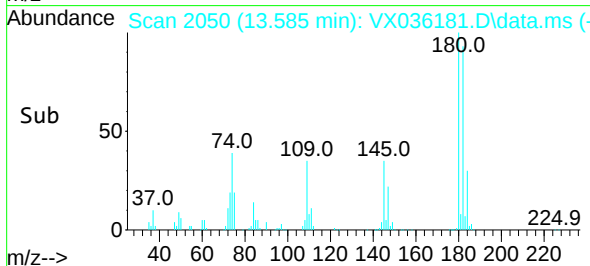
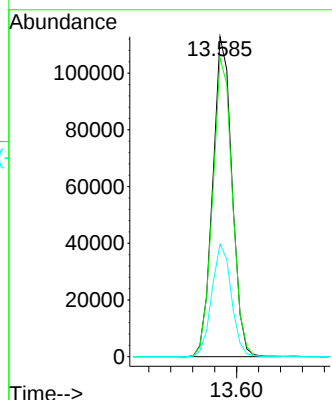
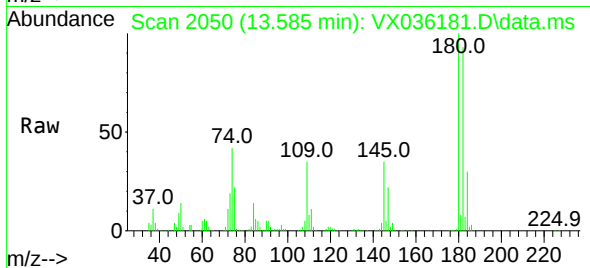
Tgt Ion:180 Resp: 137571

Ion Ratio Lower Upper

180 100

182 95.2 48.3 144.8

145 35.7 18.0 54.0



#94

Hexachlorobutadiene

Concen: 47.266 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX036181.D

Acq: 16 Jun 2023 13:37

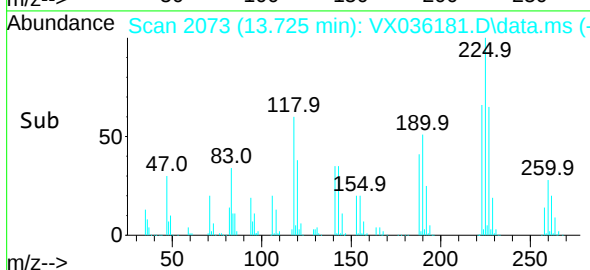
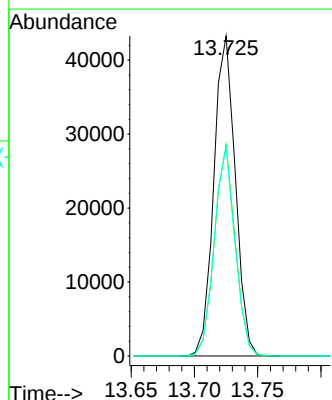
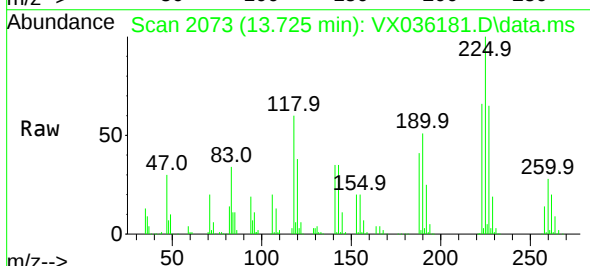
Tgt Ion:225 Resp: 51001

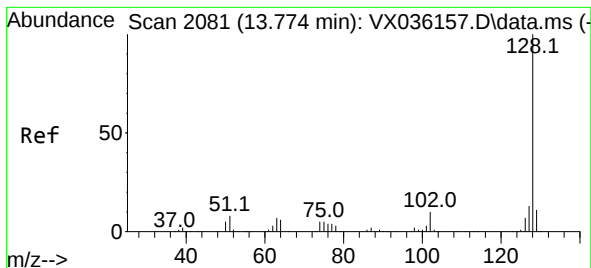
Ion Ratio Lower Upper

225 100

223 63.6 31.1 93.2

227 63.3 32.5 97.5

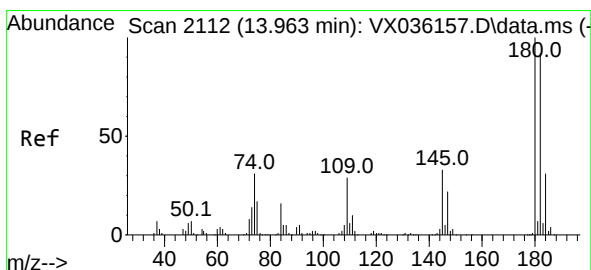
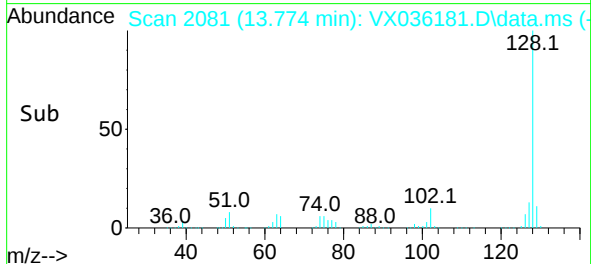
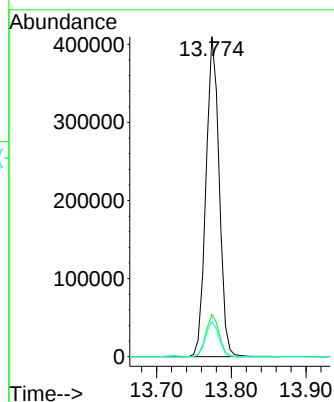
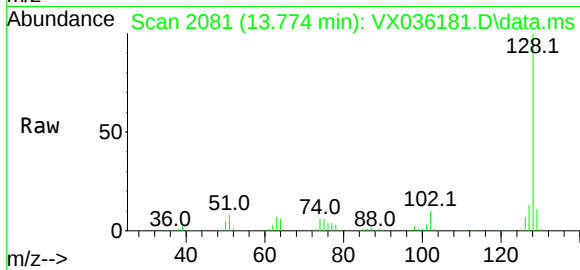




#95
Naphthalene
Concen: 53.309 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 501903
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.590 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX036181.D
Acq: 16 Jun 2023 13:37

Tgt Ion:180 Resp: 138471
Ion Ratio Lower Upper
180 100
182 95.4 46.9 140.6
145 37.6 17.8 53.5

