

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070122\
 Data File : VY009411.D
 Acq On : 01 Jul 2022 08:25
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 01 15:31:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	130425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	203804	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	195065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105687	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	52456	50.214	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.420%	
35) Dibromofluoromethane	7.710	113	58197	51.883	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.760%	
50) Toluene-d8	10.179	98	183519	53.363	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.720%	
62) 4-Bromofluorobenzene	12.477	95	92678	56.821	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.640%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	47138	43.900	ug/l	97
3) Chloromethane	2.107	50	47498	40.655	ug/l	96
4) Vinyl Chloride	2.247	62	57899	42.840	ug/l	92
5) Bromomethane	2.637	94	40467	46.661	ug/l	96
6) Chloroethane	2.790	64	37064	51.434	ug/l	98
7) Trichlorofluoromethane	3.119	101	91334	50.936	ug/l	92
8) Diethyl Ether	3.521	74	32842	46.877	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.899	101	58669	45.645	ug/l	97
10) Methyl Iodide	4.082	142	68941	48.864	ug/l	92
11) Tert butyl alcohol	4.942	59	41446	245.953	ug/l	97
12) 1,1-Dichloroethene	3.869	96	53642	45.753	ug/l	81
13) Acrolein	3.716	56	23523	269.796	ug/l	97
14) Allyl chloride	4.472	41	93042	43.310	ug/l #	95
15) Acrylonitrile	5.155	53	109768	276.573	ug/l	98
16) Acetone	3.936	43	111083	323.779	ug/l	96
17) Carbon Disulfide	4.186	76	138182	42.370	ug/l	100
18) Methyl Acetate	4.472	43	51569	58.940	ug/l	94
19) Methyl tert-butyl Ether	5.210	73	185909	52.873	ug/l	99
20) Methylene Chloride	4.710	84	64921	40.048	ug/l	88
21) trans-1,2-Dichloroethene	5.210	96	66427	47.324	ug/l	86
22) Diisopropyl ether	6.106	45	252200	55.628	ug/l	98
23) Vinyl Acetate	6.051	43	843071	296.846	ug/l	97
24) 1,1-Dichloroethane	6.009	63	124978	49.030	ug/l	99
25) 2-Butanone	6.978	43	173133	318.308	ug/l	93
26) 2,2-Dichloropropane	6.972	77	118114	48.959	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	80215	49.190	ug/l	92
28) Bromochloromethane	7.326	49	60846	55.592	ug/l	94
29) Tetrahydrofuran	7.344	42	105809	303.424	ug/l	95
30) Chloroform	7.502	83	132339	50.515	ug/l	98
31) Cyclohexane	7.783	56	108315	46.098	ug/l	97
32) 1,1,1-Trichloroethane	7.697	97	116662	49.727	ug/l	98
36) 1,1-Dichloropropene	7.911	75	97952	49.943	ug/l	96
37) Ethyl Acetate	7.070	43	69755	59.974	ug/l	97
38) Carbon Tetrachloride	7.893	117	106799	52.097	ug/l	95
39) Methylcyclohexane	9.179	83	113435	48.869	ug/l	96
40) Benzene	8.155	78	294854	51.408	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	95113	144.749	ug/l	# 1
42) 1,2-Dichloroethane	8.234	62	89275	54.262	ug/l	92
43) Isopropyl Acetate	8.264	43	129292	60.546	ug/l	96
44) Trichloroethene	8.935	130	79847	50.104	ug/l	95
45) 1,2-Dichloropropane	9.215	63	77440	53.303	ug/l	96
46) Dibromomethane	9.301	93	45808	55.038	ug/l	97
47) Bromodichloromethane	9.490	83	104260	52.896	ug/l	97
48) Methyl methacrylate	9.289	41	56424	61.293	ug/l	92
49) 1,4-Dioxane	9.295	88	13644	1176.017	ug/l	# 93
51) 4-Methyl-2-Pentanone	10.069	43	360586	327.505	ug/l	94
52) Toluene	10.240	92	196184	54.215	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	115680	58.671	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	125791	53.434	ug/l	# 87
55) 1,1,2-Trichloroethane	10.642	97	66990	60.497	ug/l	97
56) Ethyl methacrylate	10.508	69	93744	66.324	ug/l	87
57) 1,3-Dichloropropane	10.788	76	110844	56.506	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	236767	302.548	ug/l	98
59) 2-Hexanone	10.831	43	263994	347.103	ug/l	91
60) Dibromochloromethane	10.983	129	80754	57.626	ug/l	98
61) 1,2-Dibromoethane	11.087	107	62908	56.586	ug/l	99
64) Tetrachloroethene	10.721	164	89878	49.492	ug/l	97
65) Chlorobenzene	11.514	112	214715	51.444	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	80676	52.695	ug/l	97
67) Ethyl Benzene	11.593	91	382761	52.863	ug/l	98
68) m/p-Xylenes	11.703	106	303981	104.993	ug/l	93
69) o-Xylene	12.026	106	144213	52.781	ug/l	93
70) Styrene	12.044	104	251731	55.607	ug/l	96
71) Bromoform	12.209	173	55547	57.742	ug/l	# 98
73) Isopropylbenzene	12.331	105	391562	50.160	ug/l	99
74) N-amyl acetate	12.142	43	118984	58.108	ug/l	# 91
75) 1,1,2,2-Tetrachloroethane	12.581	83	81487	53.888	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	111484	90.075	ug/l	# 100
77) Bromobenzene	12.605	156	92572	49.746	ug/l	97
78) n-propylbenzene	12.672	91	485553	51.133	ug/l	99
79) 2-Chlorotoluene	12.758	91	266973	49.809	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	329545	50.481	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	30538	54.935	ug/l	86
82) 4-Chlorotoluene	12.855	91	277902	49.892	ug/l	98
83) tert-Butylbenzene	13.075	119	285171	51.994	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	325924	52.539	ug/l	97
85) sec-Butylbenzene	13.251	105	432115	52.309	ug/l	98
86) p-Isopropyltoluene	13.367	119	357996	51.535	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	183750	49.981	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	185933	49.149	ug/l	98
89) n-Butylbenzene	13.696	91	338494	51.860	ug/l	99
90) Hexachloroethane	13.959	117	69474	50.443	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	167890	50.351	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13263	52.334	ug/l	76
93) 1,2,4-Trichlorobenzene	15.007	180	97644	49.332	ug/l	99
94) Hexachlorobutadiene	15.111	225	51037	45.932	ug/l	97
95) Naphthalene	15.239	128	206900	52.209	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	83300	48.442	ug/l	99

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ClientSampleId :
VSTDCCC050

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Quant Title : SW846 8260
QLast Update : Wed Jun 29 17:35:34 2022
Response via : Initial Calibration

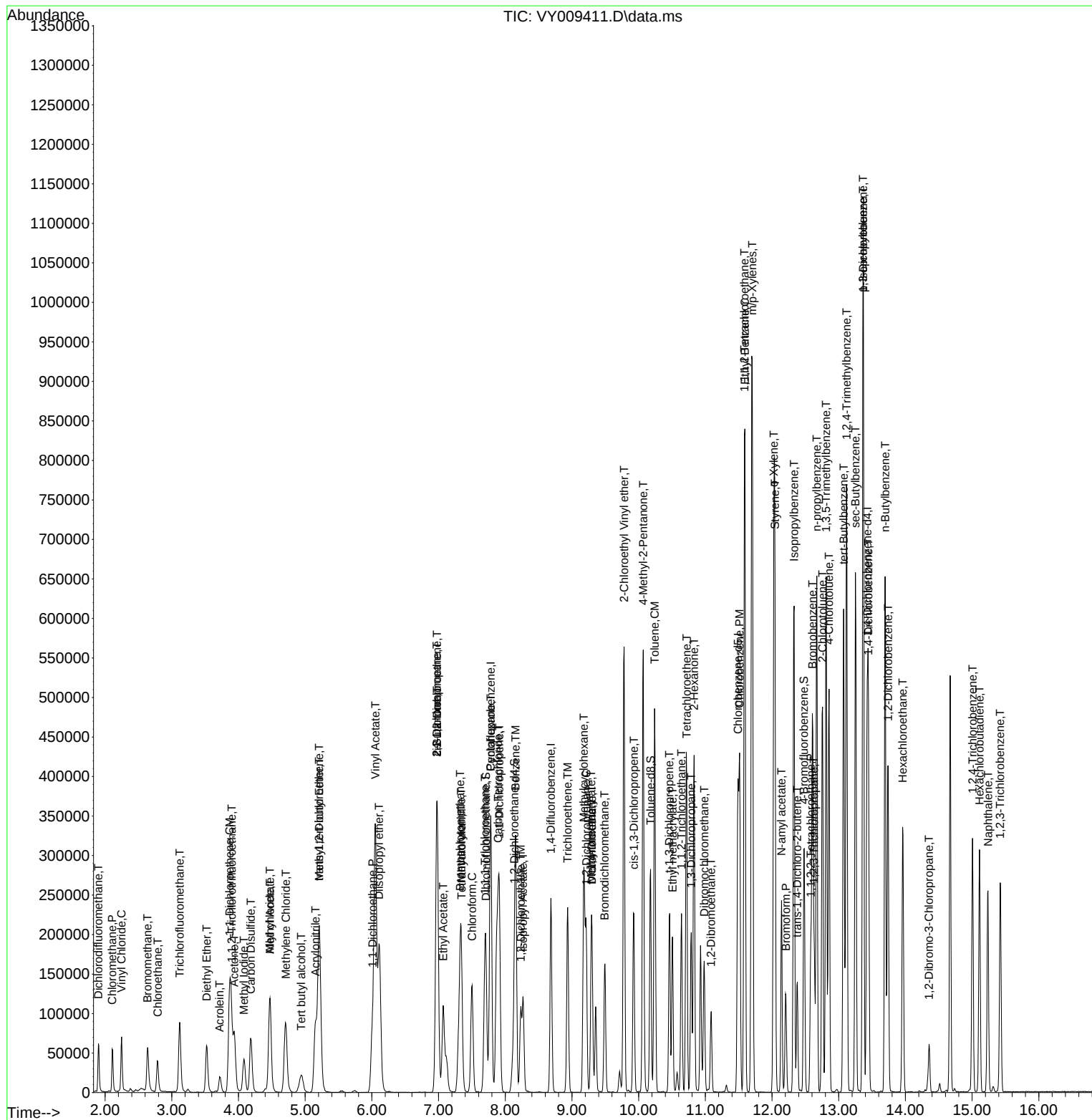
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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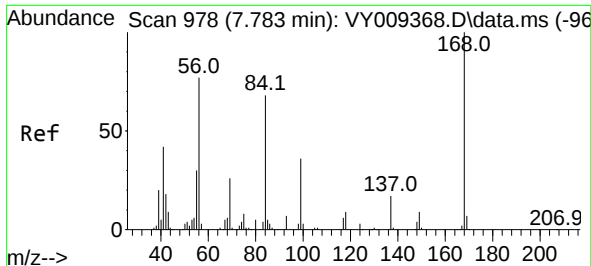
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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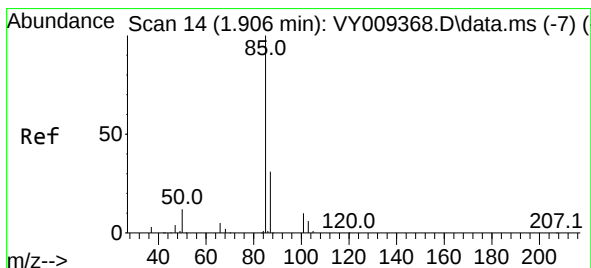
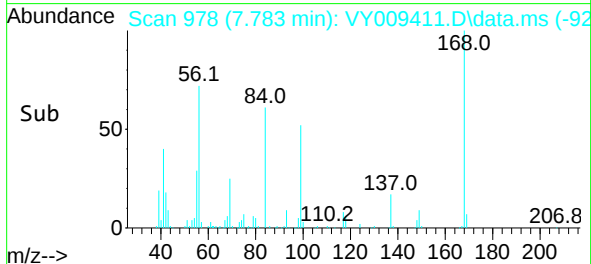
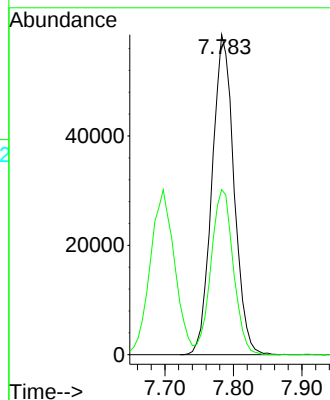
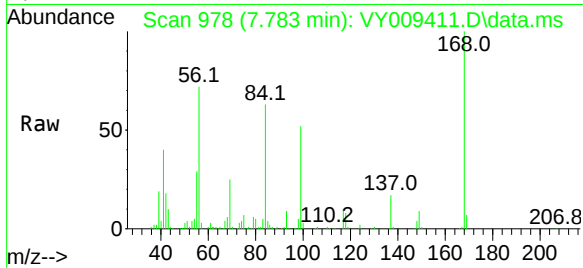




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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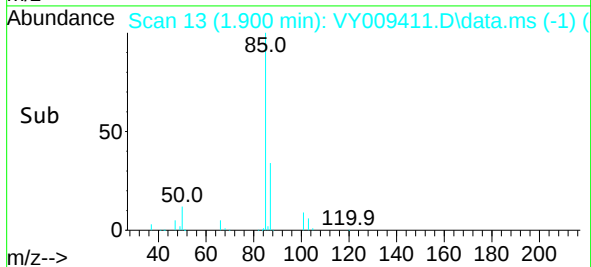
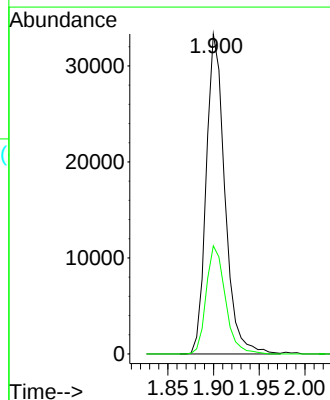
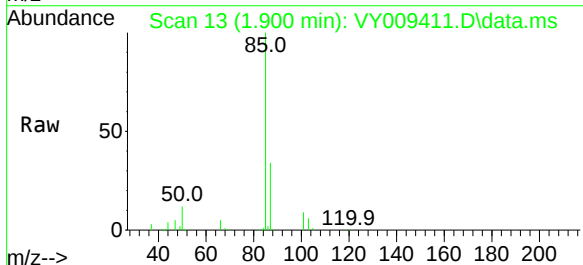
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

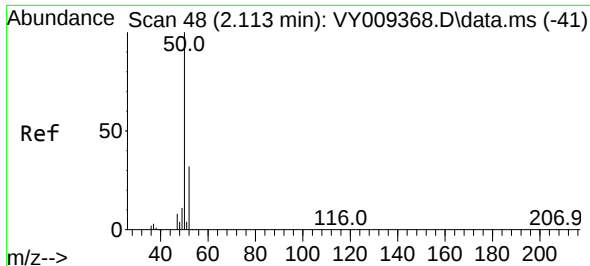
Tgt Ion:168 Resp: 130425
Ion Ratio Lower Upper
168 100
99 51.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 43.900 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

Tgt Ion: 85 Resp: 47138
Ion Ratio Lower Upper
85 100
87 33.8 16.1 48.2

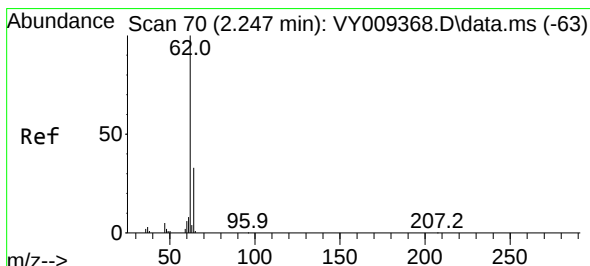
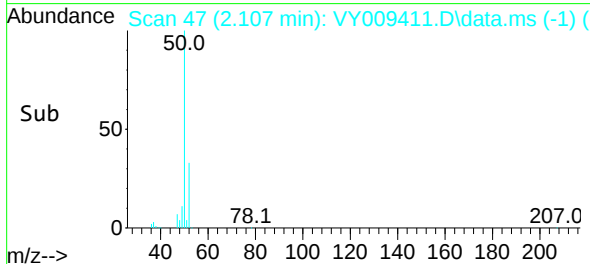
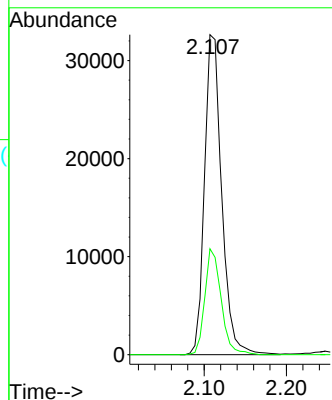
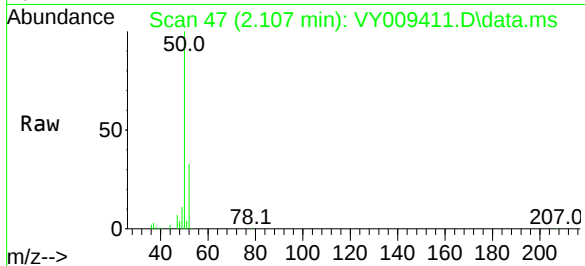




#3
Chloromethane
Concen: 40.655 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

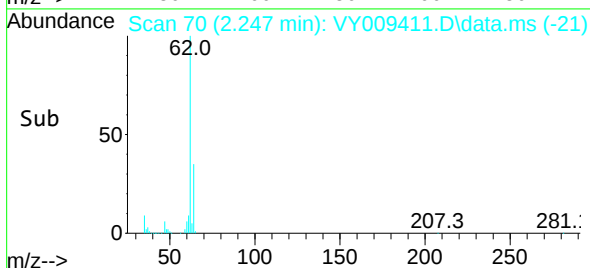
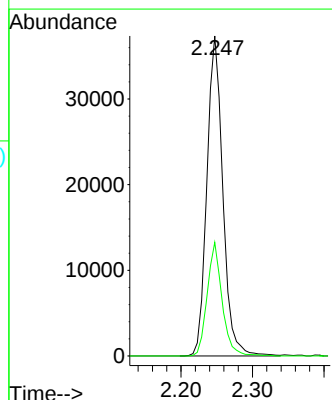
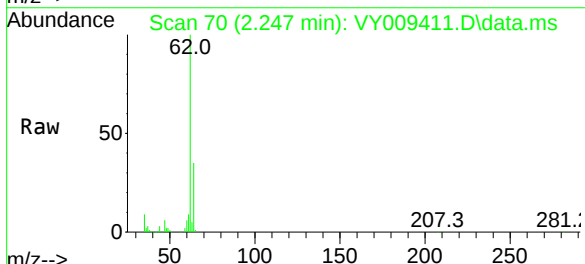
Instrument :
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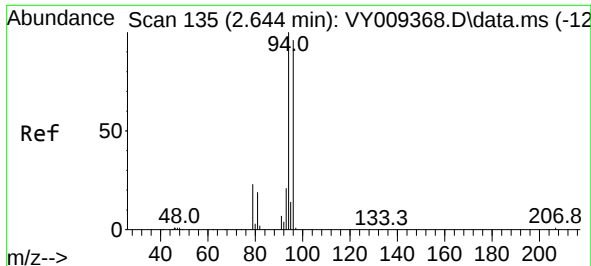
Tgt Ion: 50 Resp: 47498
Ion Ratio Lower Upper
50 100
52 33.1 24.6 37.0



#4
Vinyl Chloride
Concen: 42.840 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

Tgt Ion: 62 Resp: 57899
Ion Ratio Lower Upper
62 100
64 35.5 25.0 37.6

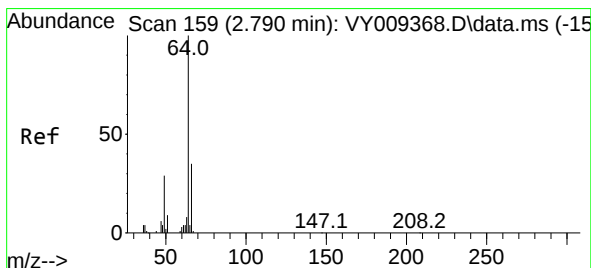
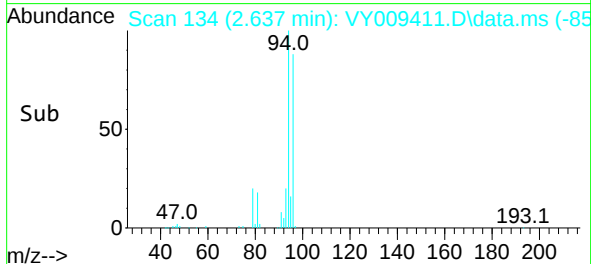
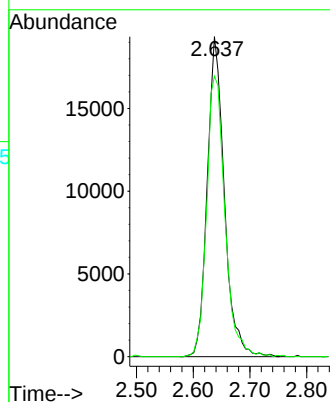
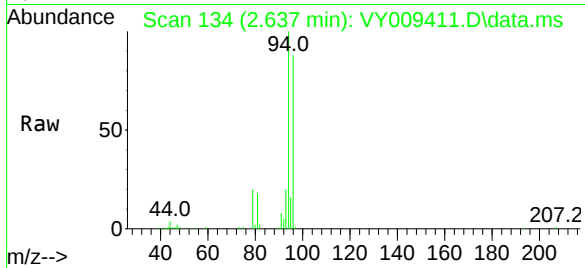




#5
Bromomethane
Concen: 46.661 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009411.D
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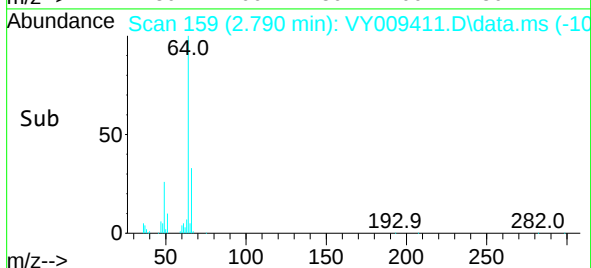
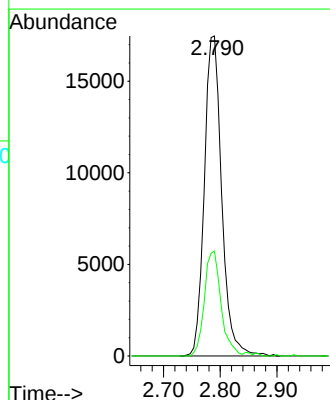
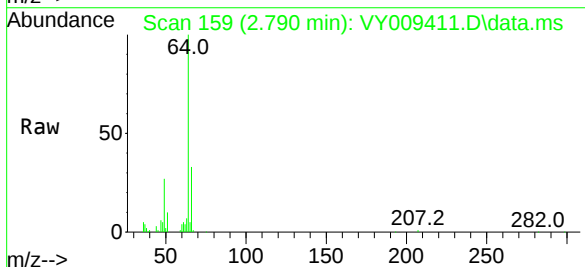
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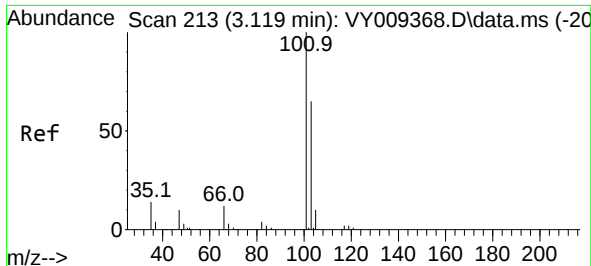
Tgt Ion: 94 Resp: 40467
Ion Ratio Lower Upper
94 100
96 87.6 73.5 110.3



#6
Chloroethane
Concen: 51.434 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

Tgt Ion: 64 Resp: 37064
Ion Ratio Lower Upper
64 100
66 32.8 25.4 38.0

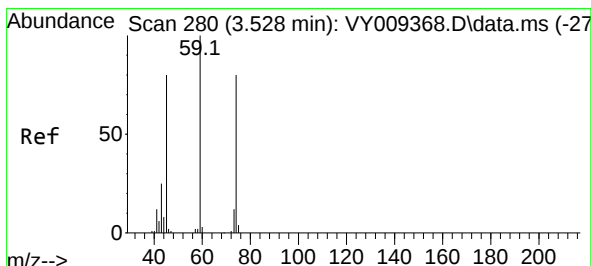
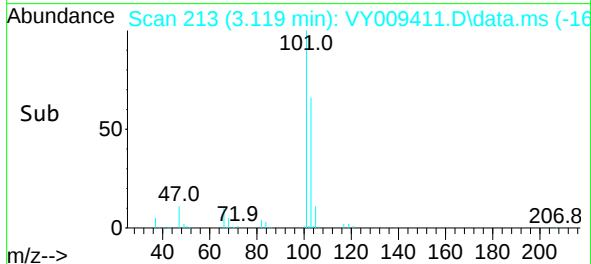
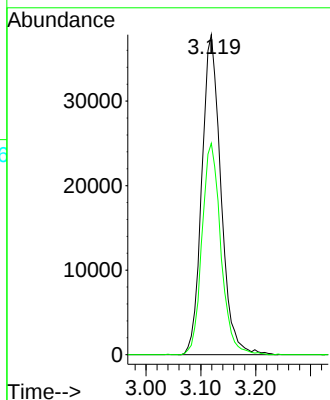
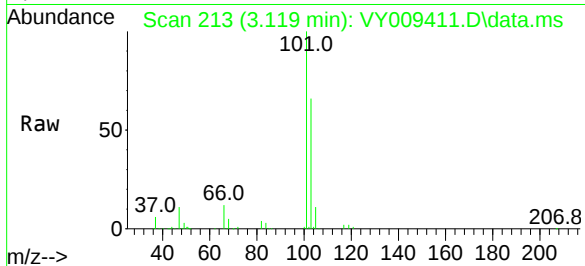




#7
Trichlorofluoromethane
Concen: 50.936 ug/l
RT: 3.119 min Scan# 213
Delta R.T. 0.000 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

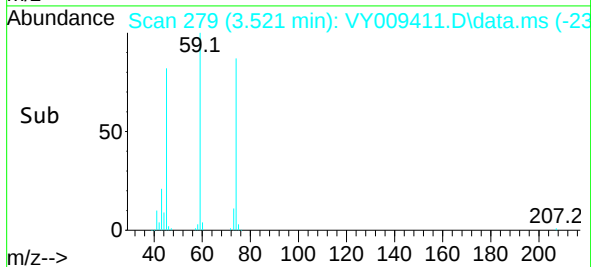
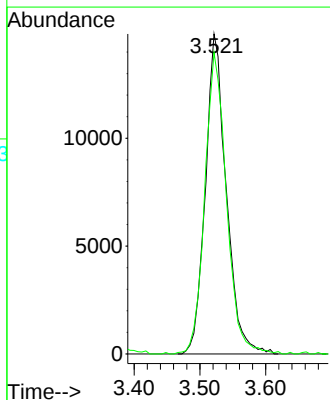
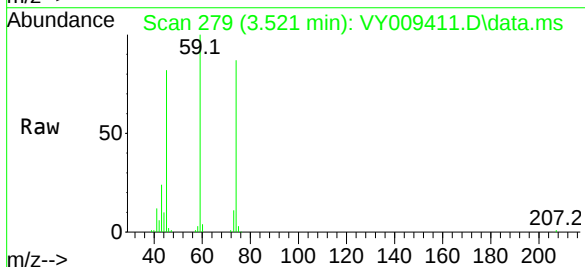
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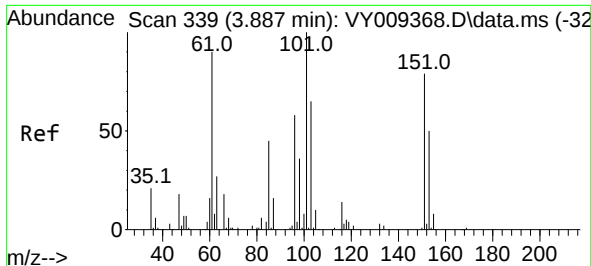
Tgt Ion:101 Resp: 91334
Ion Ratio Lower Upper
101 100
103 66.1 48.0 72.0



#8
Diethyl Ether
Concen: 46.877 ug/l
RT: 3.521 min Scan# 279
Delta R.T. 0.000 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

Tgt Ion: 74 Resp: 32842
Ion Ratio Lower Upper
74 100
45 97.4 55.1 165.5

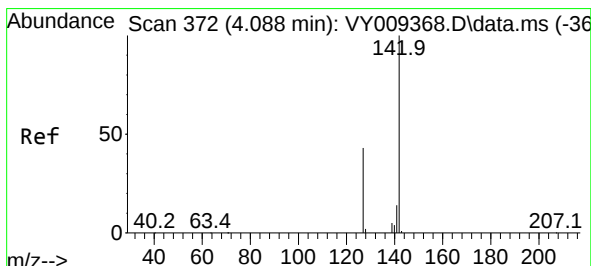
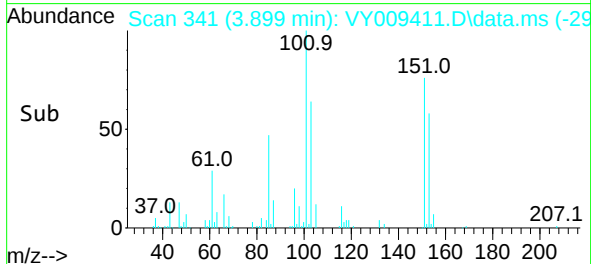
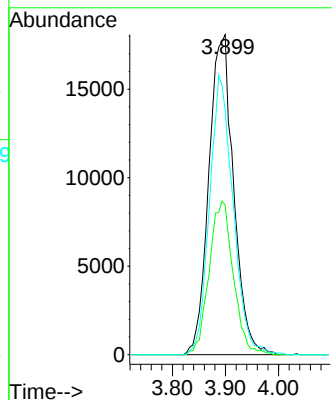
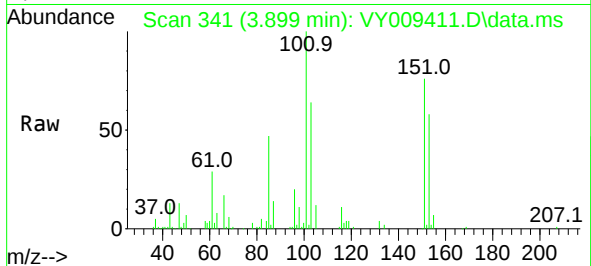




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.645 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

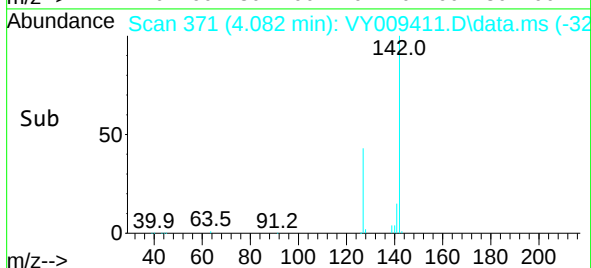
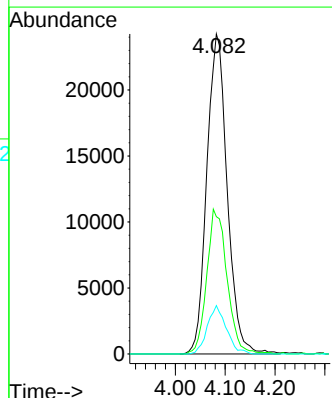
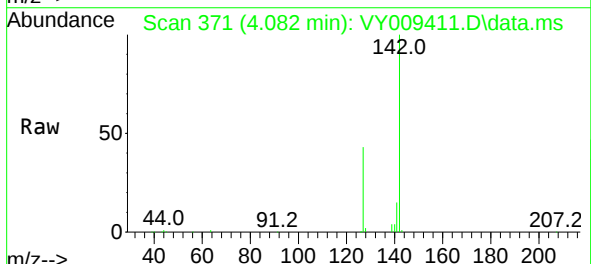
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

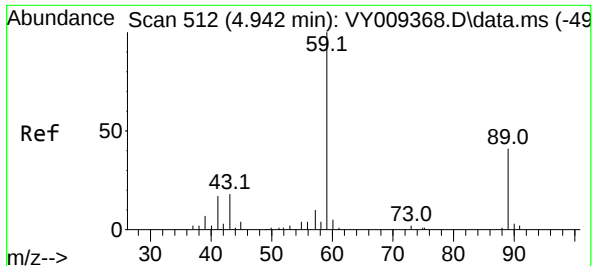
Tgt Ion:101 Resp: 58669
Ion Ratio Lower Upper
101 100
85 46.8 40.6 60.8
151 83.0 64.9 97.3



#10
Methyl Iodide
Concen: 48.864 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

Tgt Ion:142 Resp: 68941
Ion Ratio Lower Upper
142 100
127 44.9 41.5 62.3
141 14.1 11.9 17.9

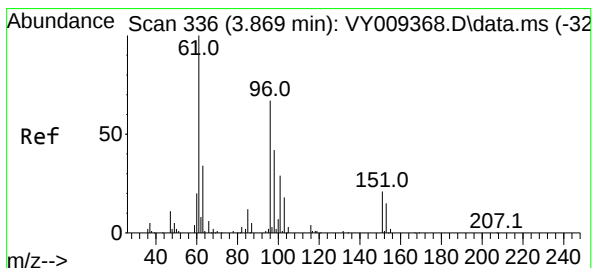
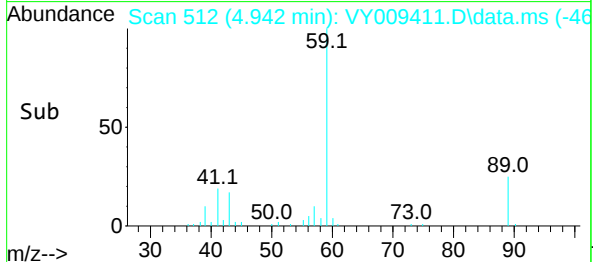
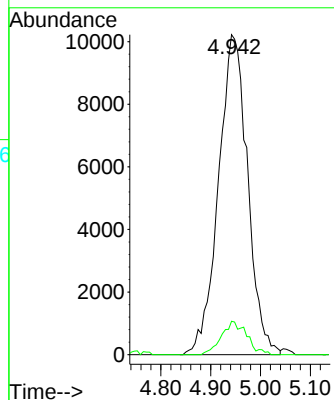
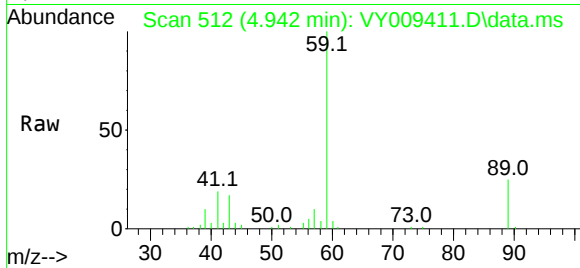




#11
Tert butyl alcohol
Concen: 245.953 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

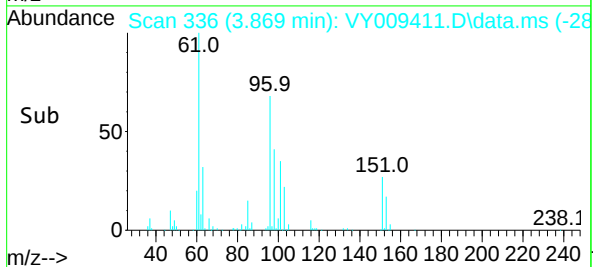
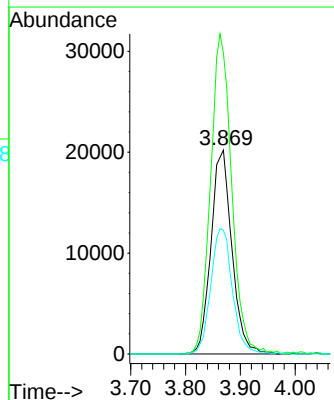
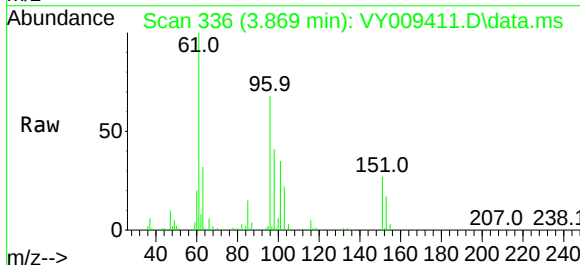
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

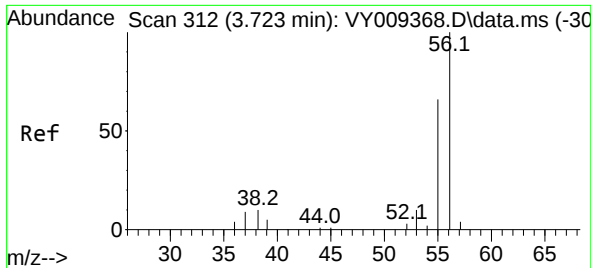
Tgt Ion: 59 Resp: 41446
Ion Ratio Lower Upper
59 100
57 9.1 6.4 9.6



#12
1,1-Dichloroethene
Concen: 45.753 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

Tgt Ion: 96 Resp: 53642
Ion Ratio Lower Upper
96 100
61 147.6 145.8 218.6
98 60.7 52.5 78.7

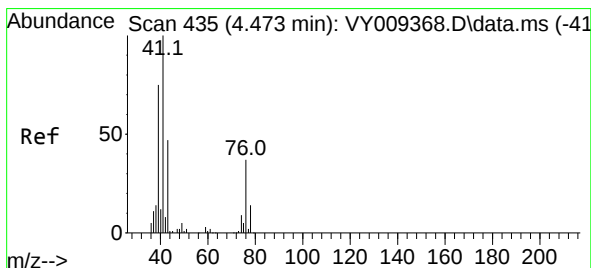
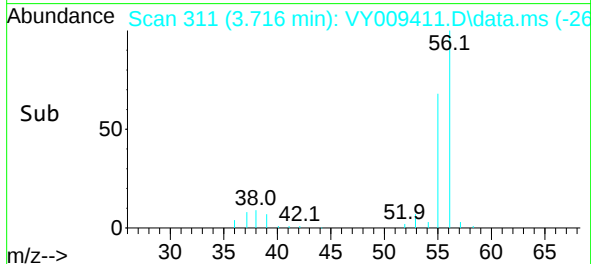
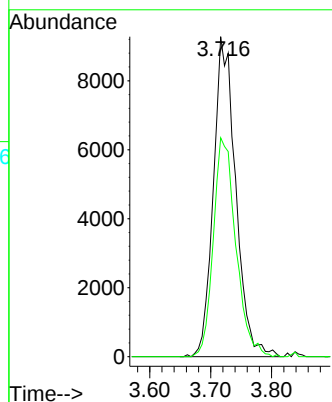
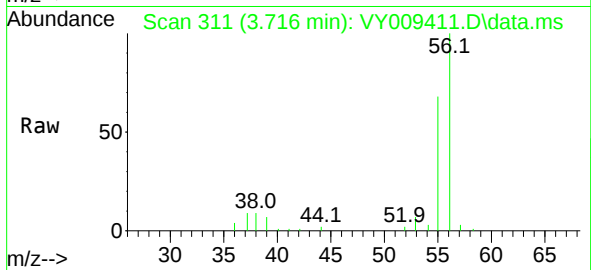




#13
Acrolein
Concen: 269.796 ug/l
RT: 3.716 min Scan# 311
Delta R.T. -0.007 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

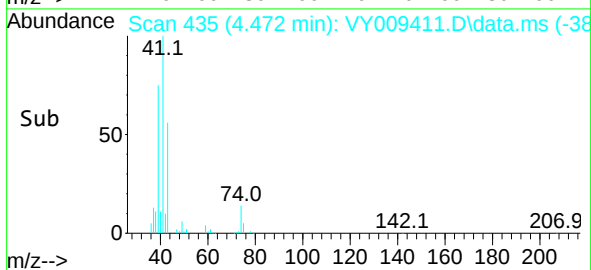
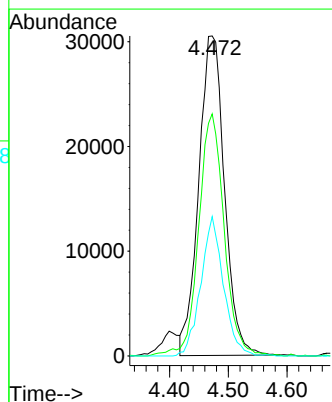
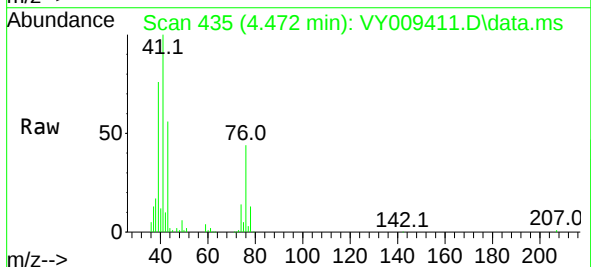
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

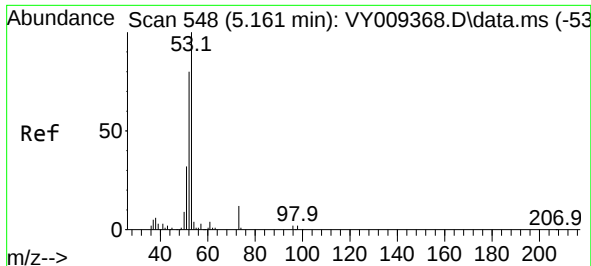
Tgt Ion: 56 Resp: 23523
Ion Ratio Lower Upper
56 100
55 69.3 57.6 86.4



#14
Allyl chloride
Concen: 43.310 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

Tgt Ion: 41 Resp: 93042
Ion Ratio Lower Upper
41 100
39 75.1 58.8 88.2
76 38.3 25.1 37.7#

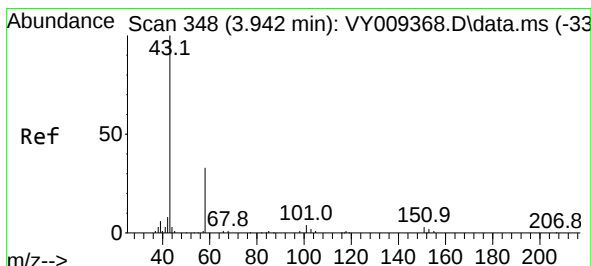
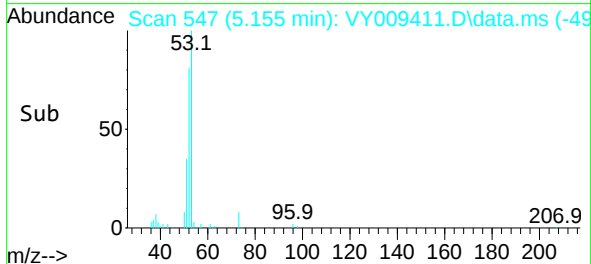
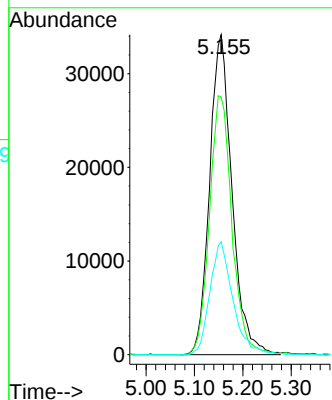
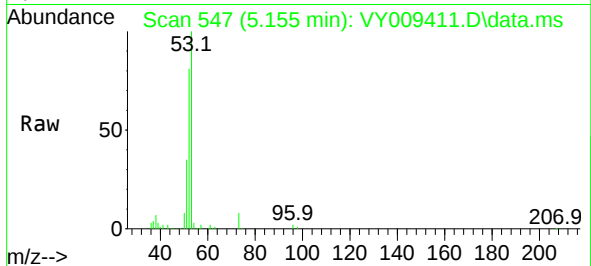




#15
Acrylonitrile
Concen: 276.573 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

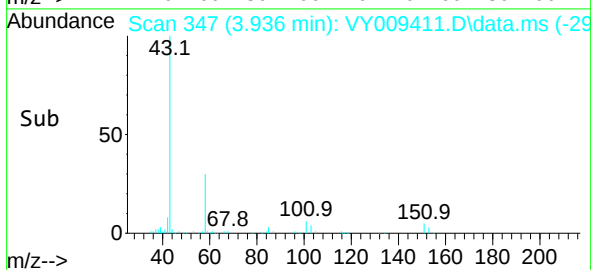
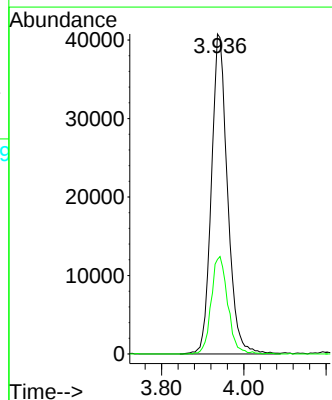
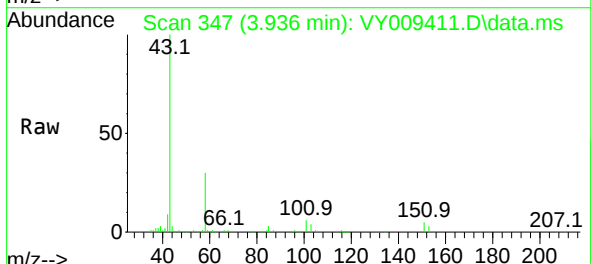
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

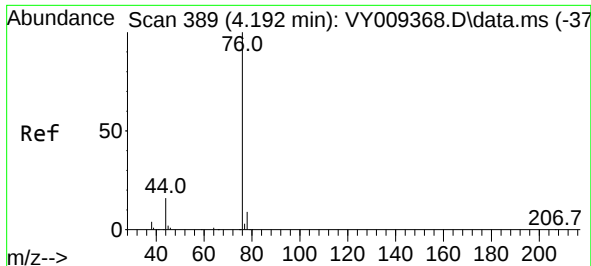
Tgt Ion: 53 Resp: 109768
Ion Ratio Lower Upper
53 100
52 81.2 67.0 100.4
51 36.4 29.8 44.6



#16
Acetone
Concen: 323.779 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

Tgt Ion: 43 Resp: 111083
Ion Ratio Lower Upper
43 100
58 29.5 22.0 33.0

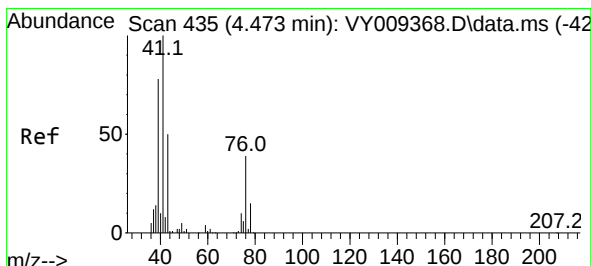
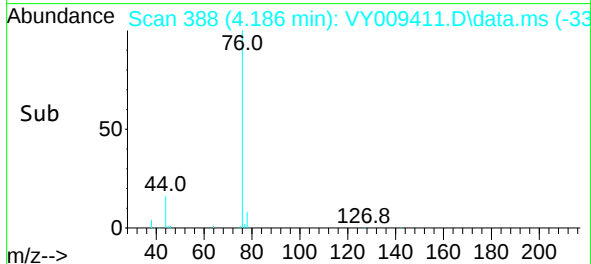
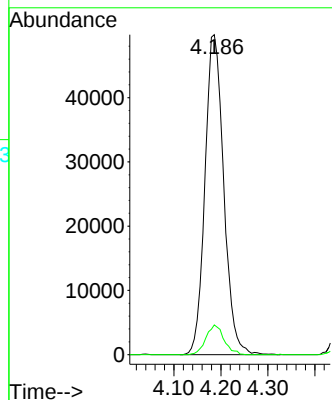
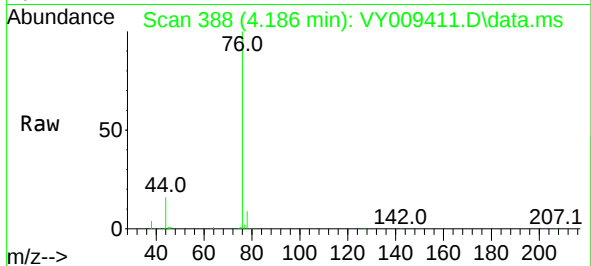




#17
Carbon Disulfide
Concen: 42.370 ug/l
RT: 4.186 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

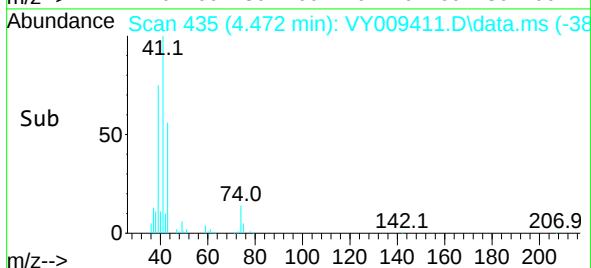
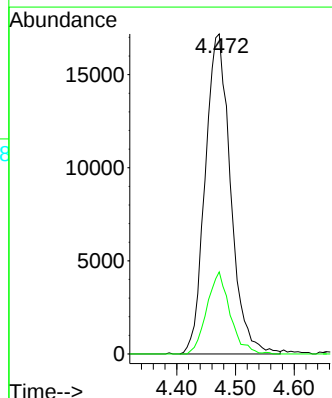
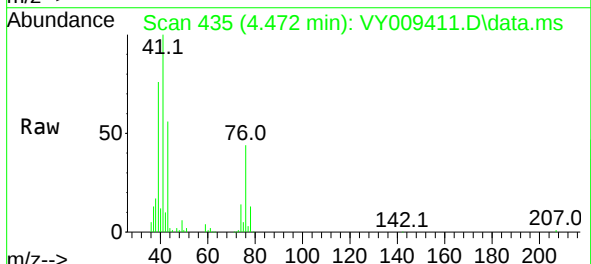
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

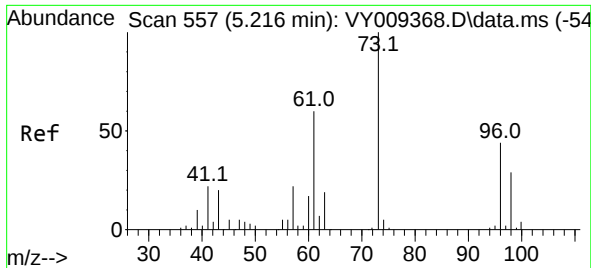
Tgt Ion: 76 Resp: 138182
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 58.940 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

Tgt Ion: 43 Resp: 51569
Ion Ratio Lower Upper
43 100
74 23.4 16.6 24.8

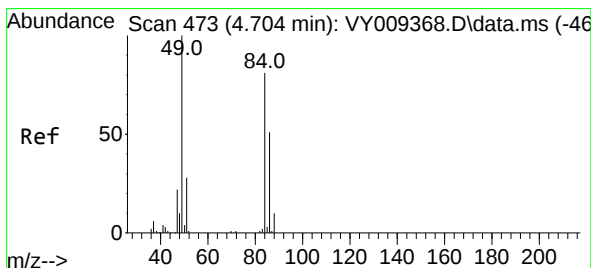
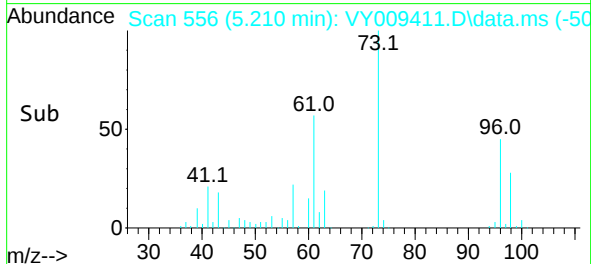
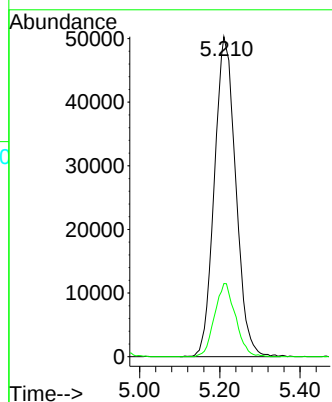
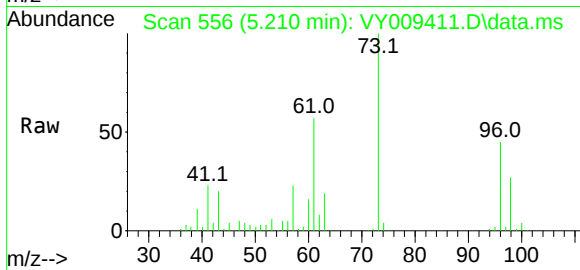




#19
Methyl tert-butyl Ether
Concen: 52.873 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

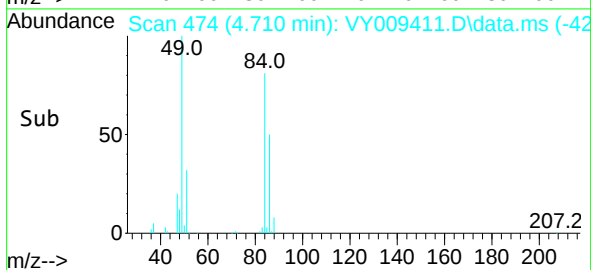
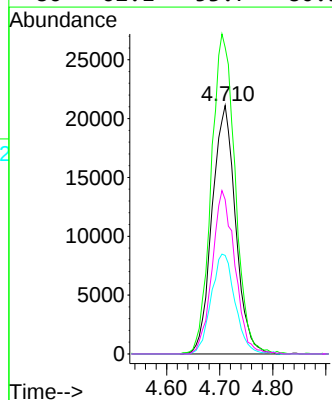
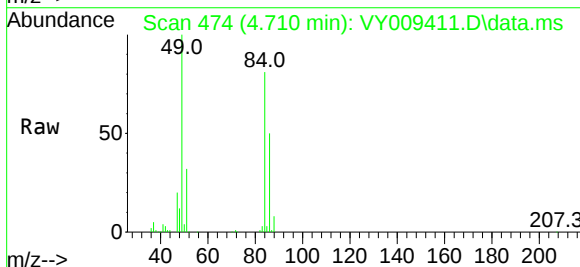
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

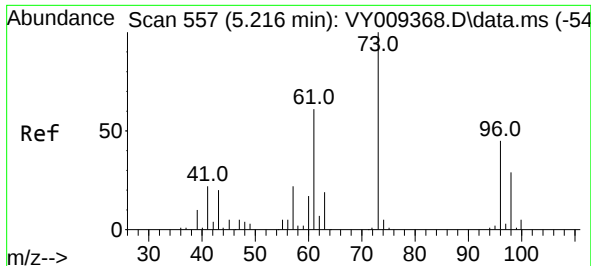
Tgt Ion: 73 Resp: 185909
Ion Ratio Lower Upper
73 100
57 22.9 18.6 27.8



#20
Methylene Chloride
Concen: 40.048 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

Tgt Ion: 84 Resp: 64921
Ion Ratio Lower Upper
84 100
49 123.4 114.4 171.6
51 39.7 35.3 52.9
86 62.1 53.7 80.5

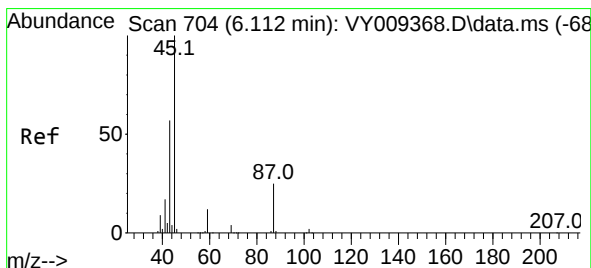
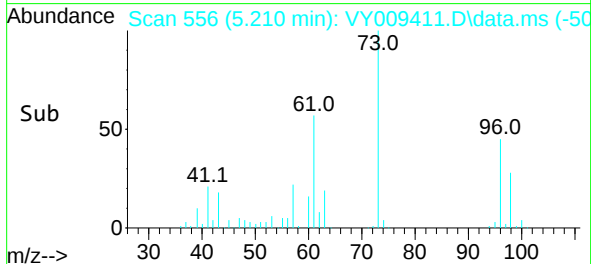
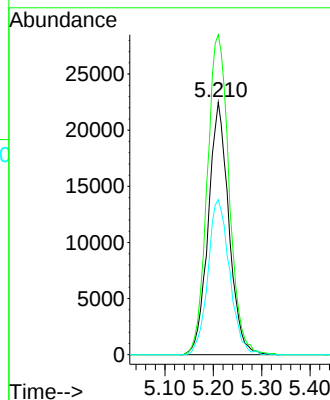
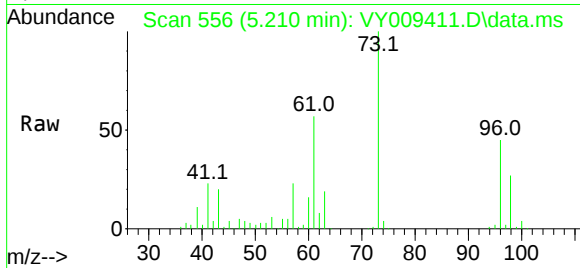




#21
trans-1,2-Dichloroethene
Concen: 47.324 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

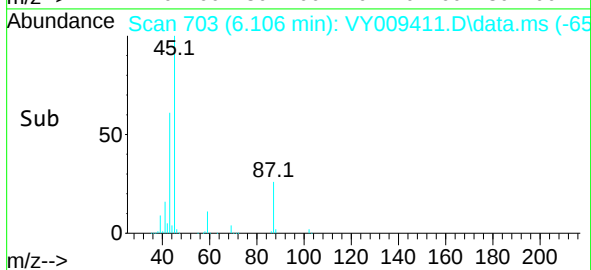
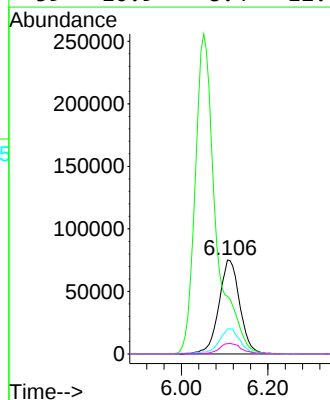
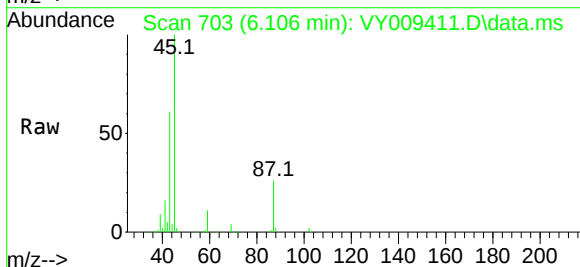
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

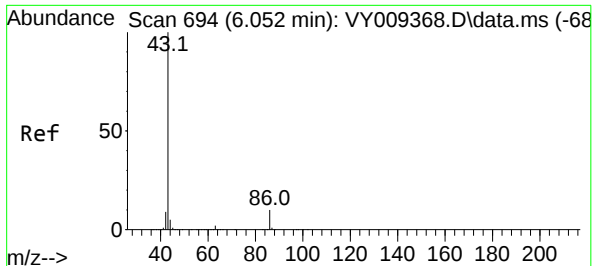
Tgt Ion: 96 Resp: 66427
Ion Ratio Lower Upper
96 100
61 126.7 120.5 180.7
98 61.4 49.8 74.8



#22
Diisopropyl ether
Concen: 55.628 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.006 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

Tgt Ion: 45 Resp: 252200
Ion Ratio Lower Upper
45 100
43 61.1 49.3 73.9
87 26.5 19.2 28.8
59 10.9 8.4 12.6

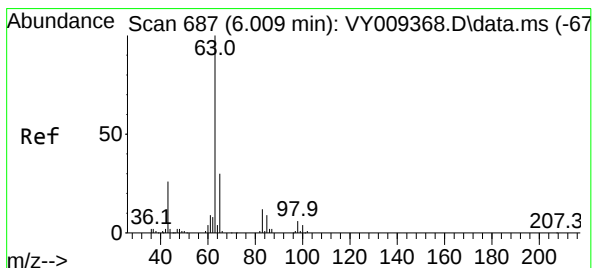
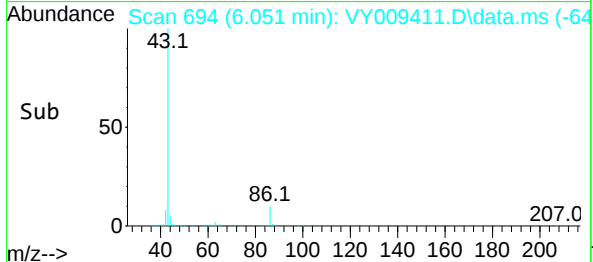
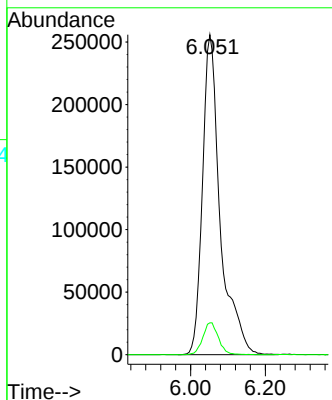
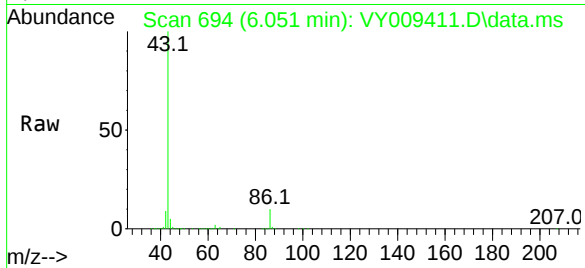




#23
 Vinyl Acetate
 Concen: 296.846 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY009411.D
 Acq: 01 Jul 2022 08:25

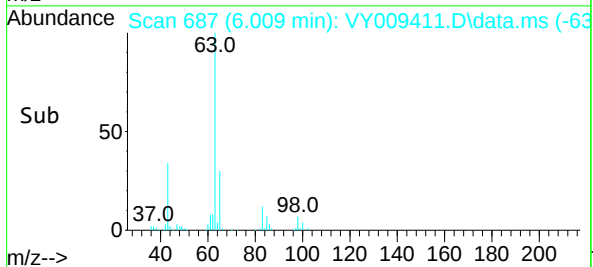
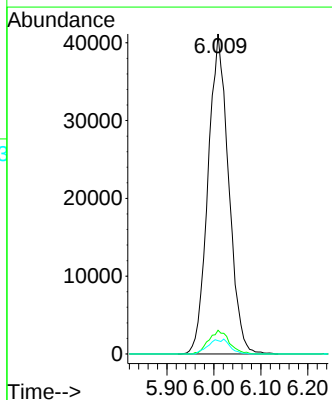
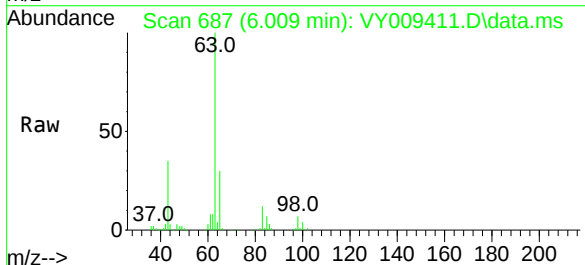
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

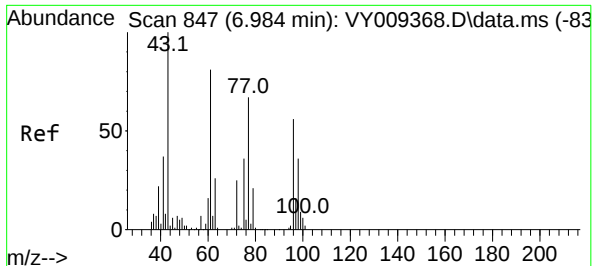
Tgt Ion: 43 Resp: 843071
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 49.030 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY009411.D
 Acq: 01 Jul 2022 08:25

Tgt Ion: 63 Resp: 124978
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.8
 100 4.2 2.0 5.8

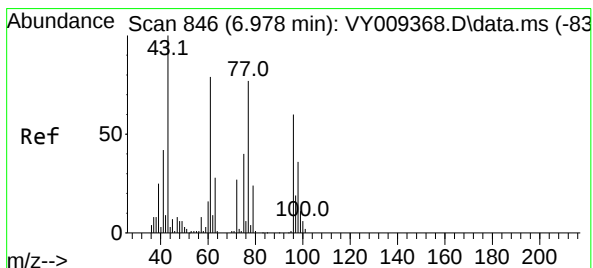
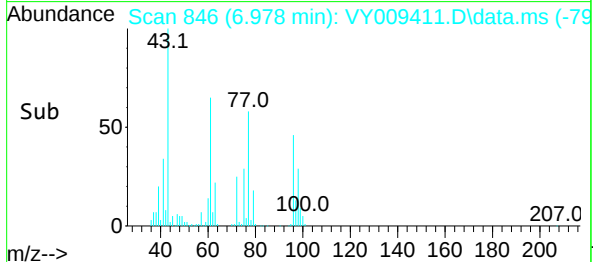
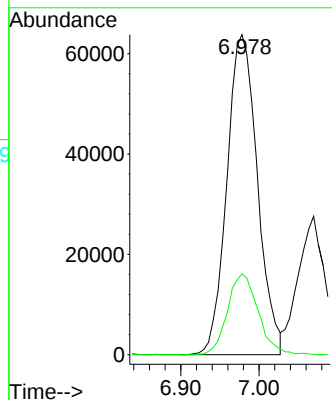
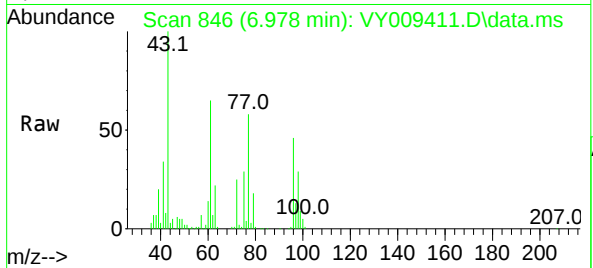




#25
2-Butanone
Concen: 318.308 ug/l
RT: 6.978 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

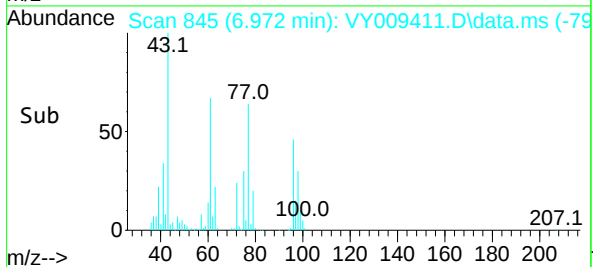
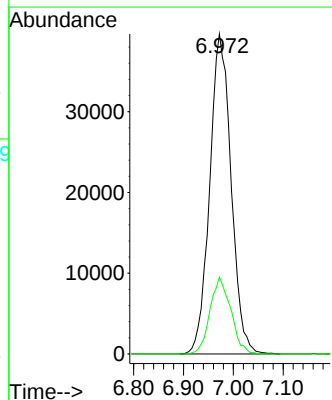
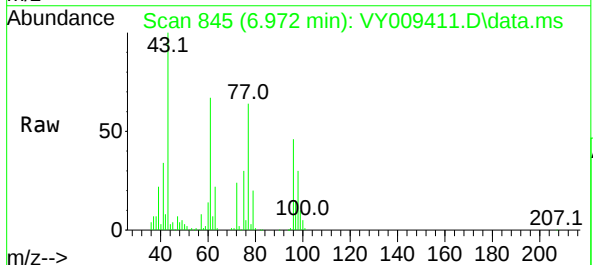
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

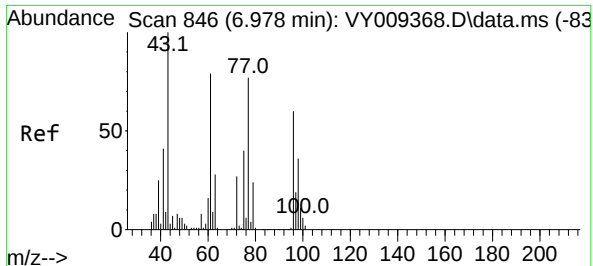
Tgt Ion: 43 Resp: 173133
Ion Ratio Lower Upper
43 100
72 25.3 17.7 26.5



#26
2,2-Dichloropropane
Concen: 48.959 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

Tgt Ion: 77 Resp: 118114
Ion Ratio Lower Upper
77 100
97 23.3 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 49.190 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009411.D

Acq: 01 Jul 2022 08:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

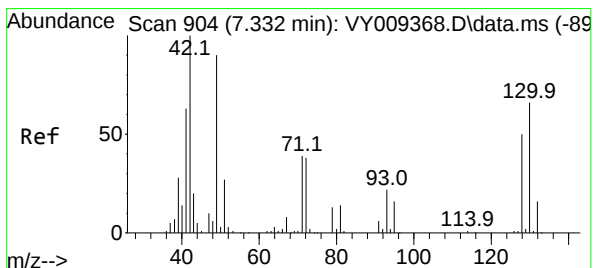
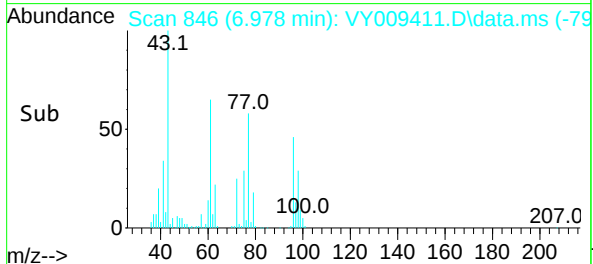
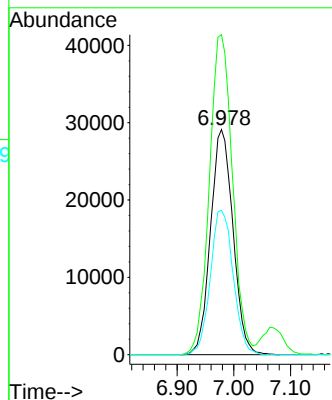
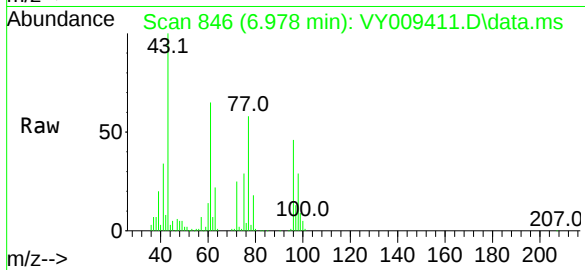
Tgt Ion: 96 Resp: 80215

Ion Ratio Lower Upper

96 100

61 146.0 0.0 319.8

98 65.4 0.0 127.0



#28

Bromochloromethane

Concen: 55.592 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.000 min

Lab File: VY009411.D

Acq: 01 Jul 2022 08:25

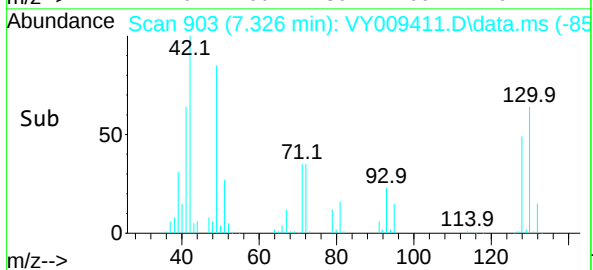
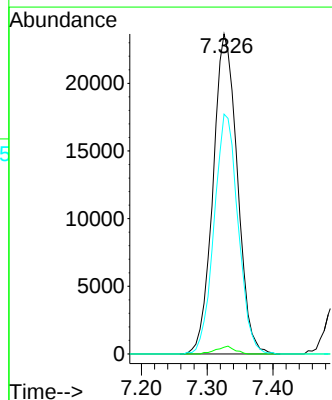
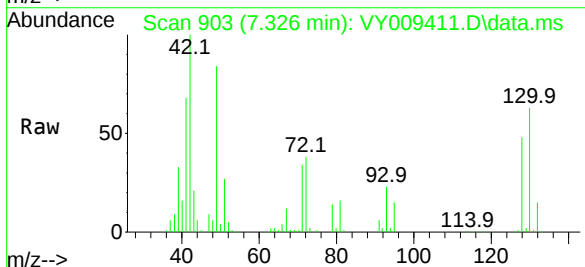
Tgt Ion: 49 Resp: 60846

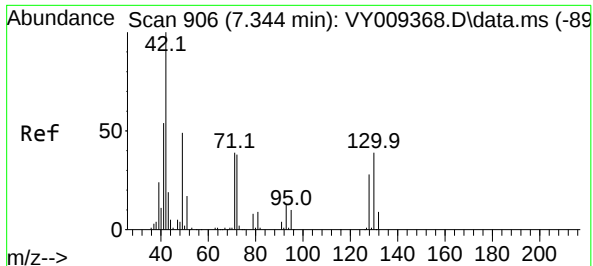
Ion Ratio Lower Upper

49 100

129 1.9 0.0 2.2

130 74.1 55.4 83.0





#29

Tetrahydrofuran

Concen: 303.424 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY009411.D

Acq: 01 Jul 2022 08:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

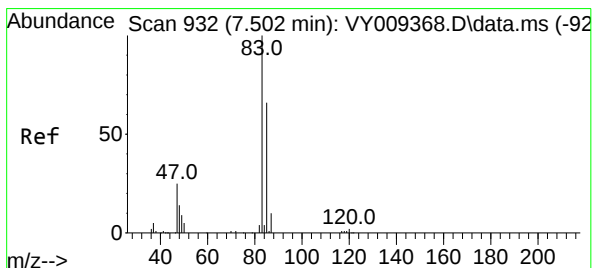
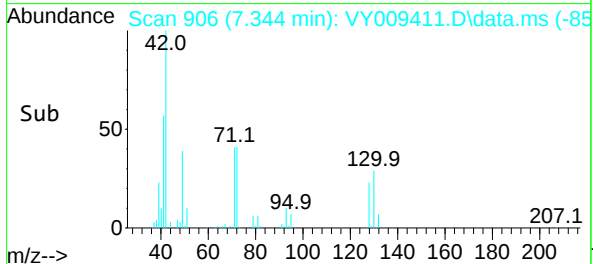
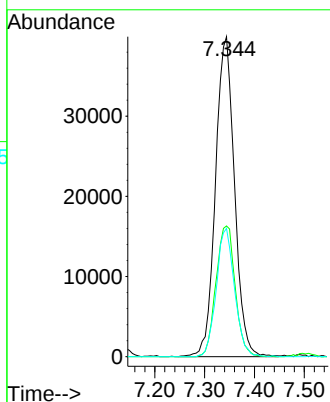
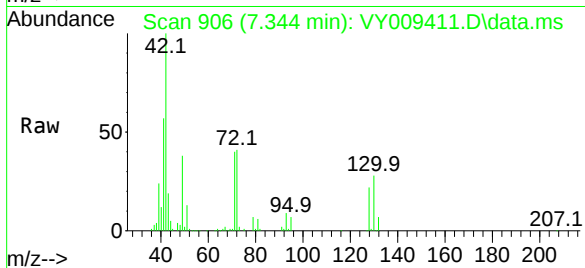
Tgt Ion: 42 Resp: 105809

Ion Ratio Lower Upper

42 100

72 41.3 30.3 45.5

71 38.5 29.0 43.4



#30

Chloroform

Concen: 50.515 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY009411.D

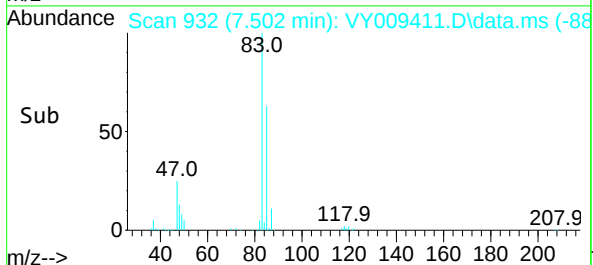
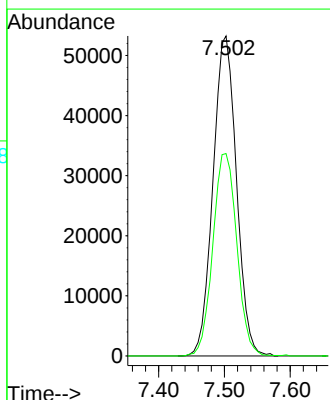
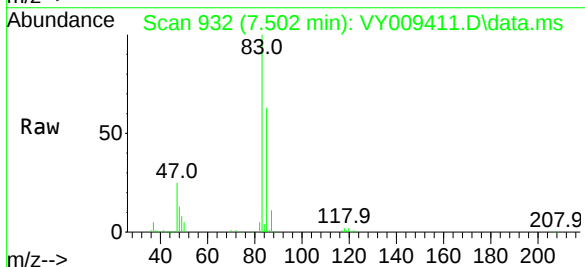
Acq: 01 Jul 2022 08:25

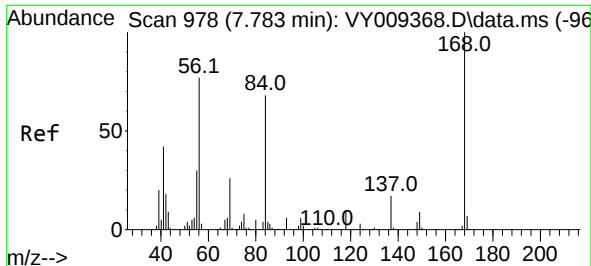
Tgt Ion: 83 Resp: 132339

Ion Ratio Lower Upper

83 100

85 63.3 51.8 77.6

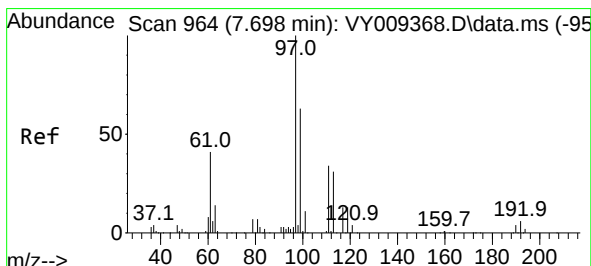
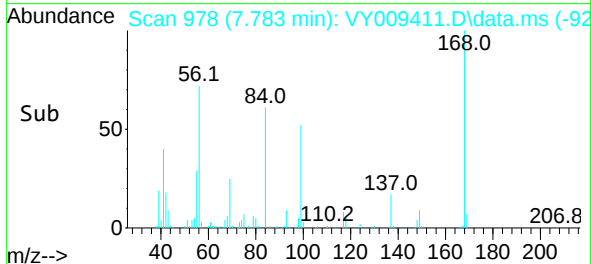
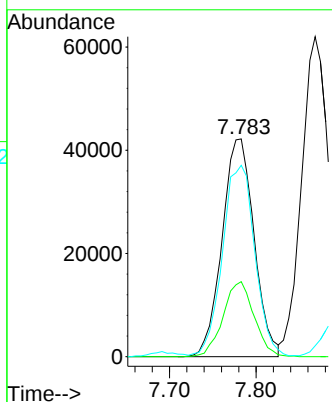
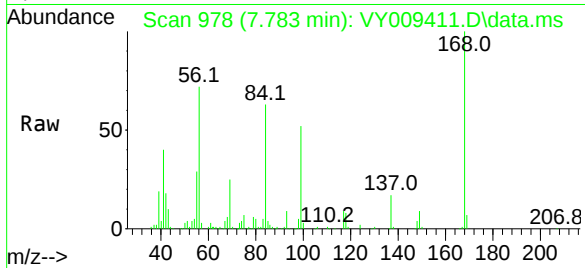




#31
Cyclohexane
Concen: 46.098 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

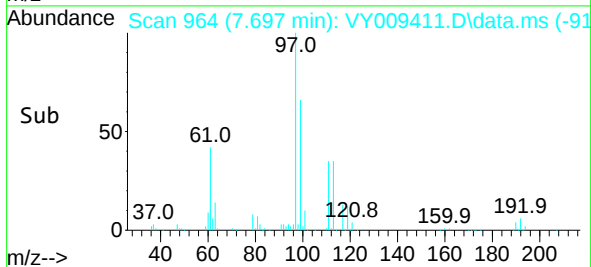
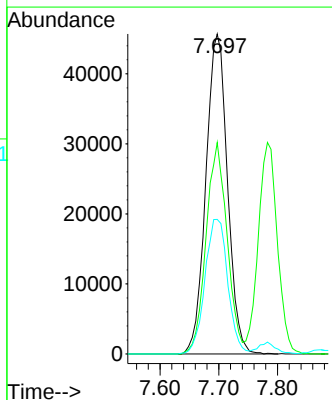
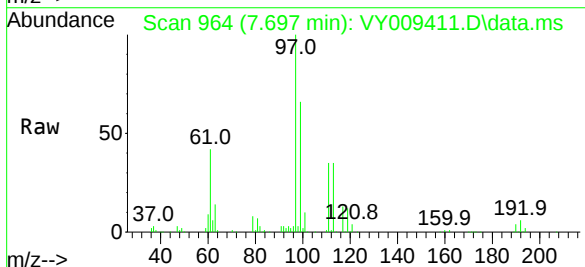
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

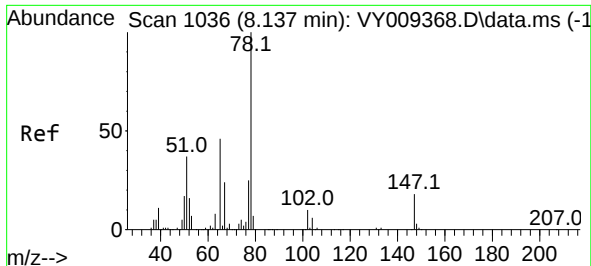
Tgt Ion: 56 Resp: 108315
Ion Ratio Lower Upper
56 100
69 34.2 26.7 40.1
84 86.7 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 49.727 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.001 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

Tgt Ion: 97 Resp: 116662
Ion Ratio Lower Upper
97 100
99 64.2 50.7 76.1
61 44.5 37.6 56.4

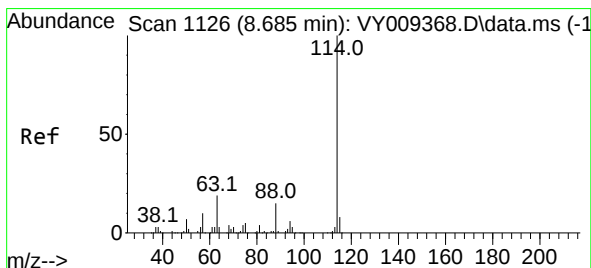
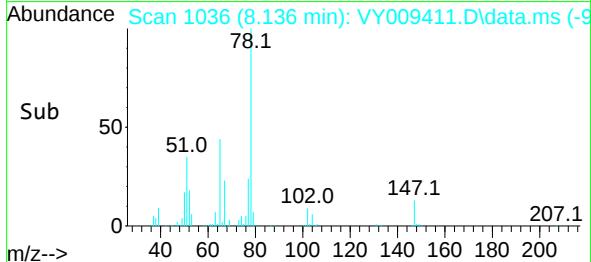
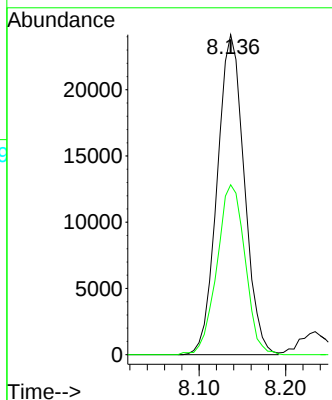
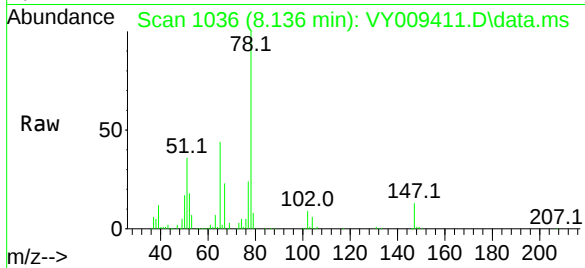




#33
 1,2-Dichloroethane-d4
 Concen: 50.214 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY009411.D
 Acq: 01 Jul 2022 08:25

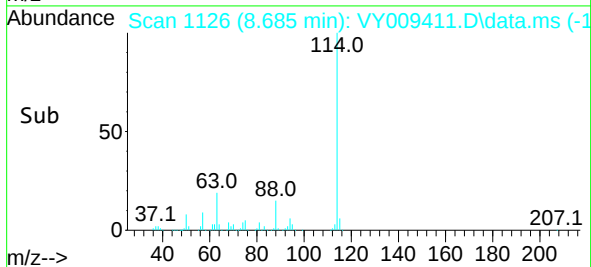
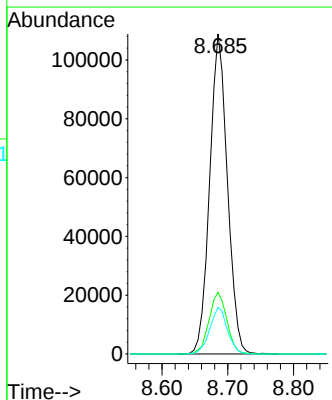
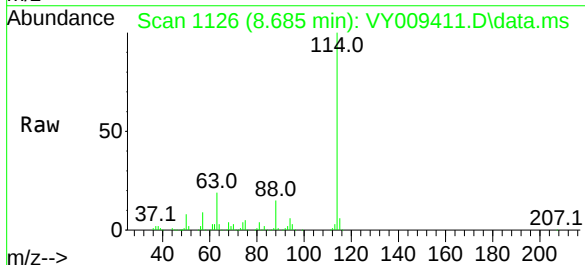
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

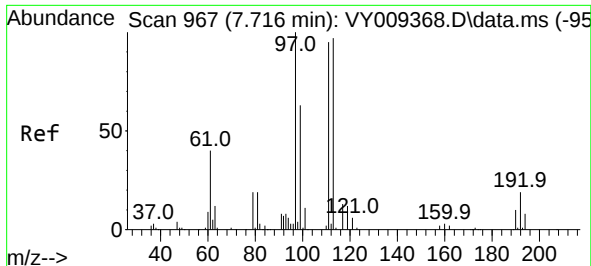
Tgt Ion: 65 Resp: 52456
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY009411.D
 Acq: 01 Jul 2022 08:25

Tgt Ion: 114 Resp: 203804
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 43.2
 88 14.6 0.0 31.8

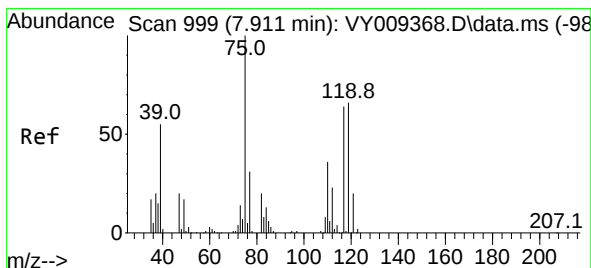
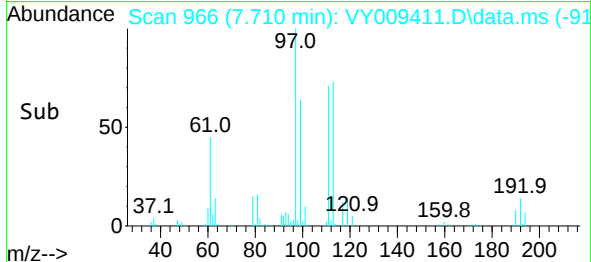
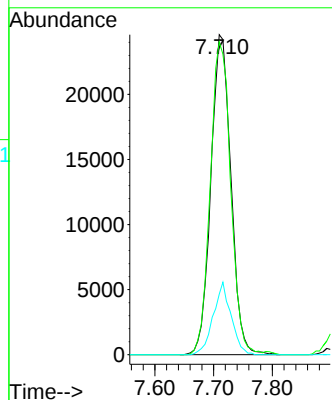
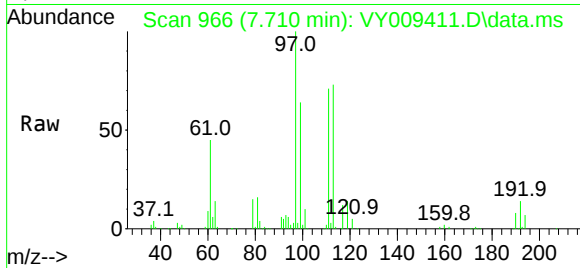




#35
Dibromofluoromethane
Concen: 51.883 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

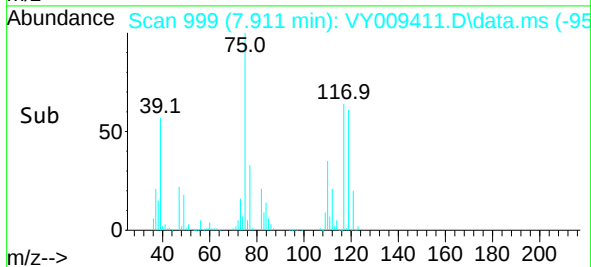
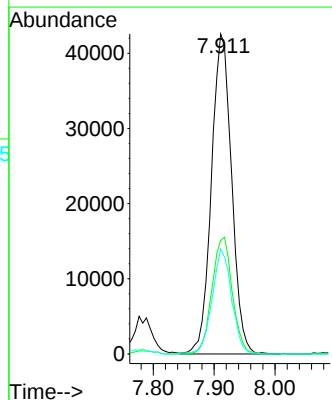
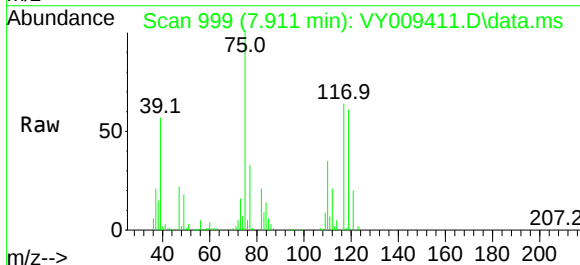
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

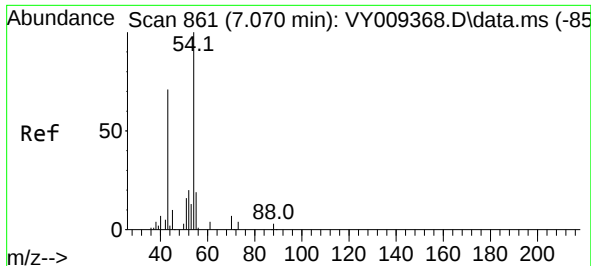
Tgt Ion:113 Resp: 58197
Ion Ratio Lower Upper
113 100
111 99.7 82.6 124.0
192 20.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 49.943 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

Tgt Ion: 75 Resp: 97952
Ion Ratio Lower Upper
75 100
110 36.6 17.1 51.2
77 31.8 24.4 36.6

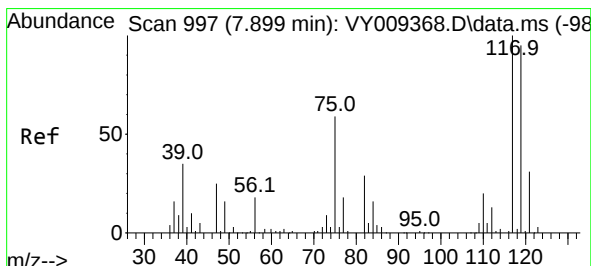
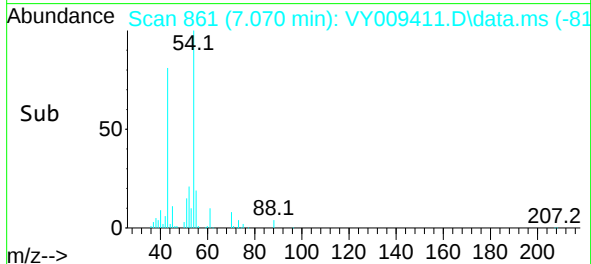
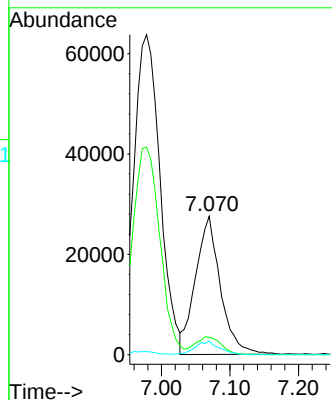
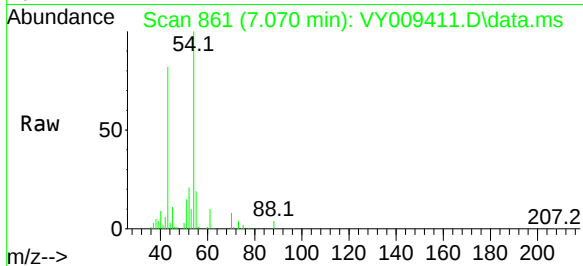




#37
Ethyl Acetate
Concen: 59.974 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

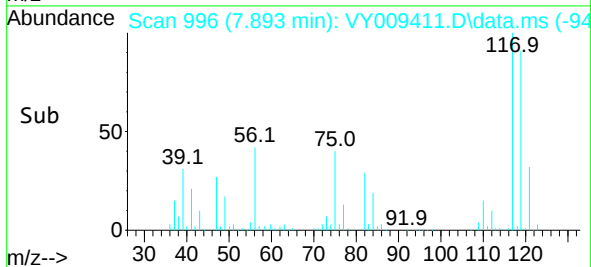
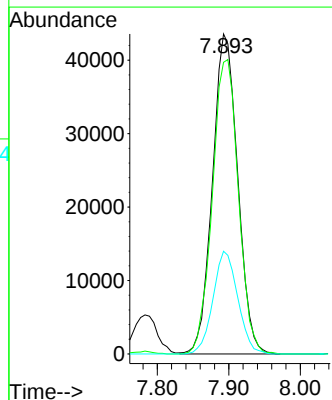
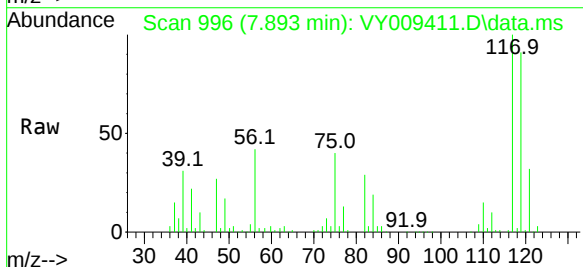
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

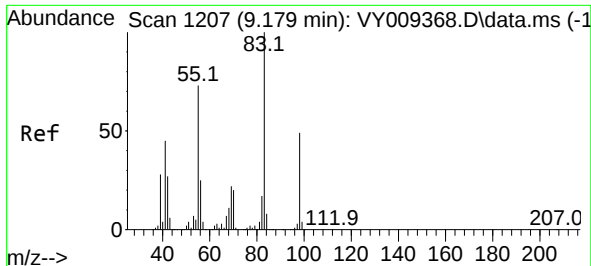
Tgt Ion: 43 Resp: 69755
Ion Ratio Lower Upper
43 100
61 13.8 9.7 14.5
70 9.3 7.1 10.7



#38
Carbon Tetrachloride
Concen: 52.097 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.000 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

Tgt Ion: 117 Resp: 106799
Ion Ratio Lower Upper
117 100
119 91.2 77.9 116.9
121 32.1 24.8 37.2





#39

Methylcyclohexane

Concen: 48.869 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009411.D

Acq: 01 Jul 2022 08:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

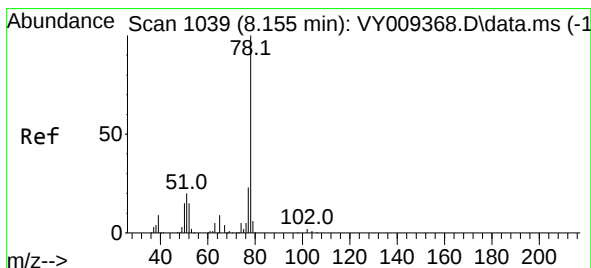
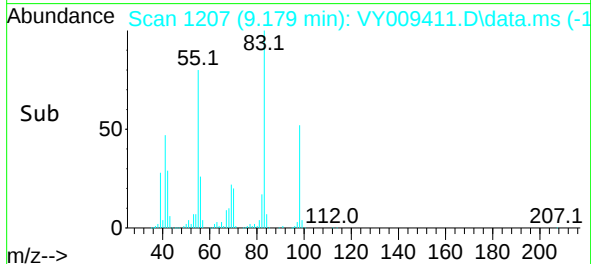
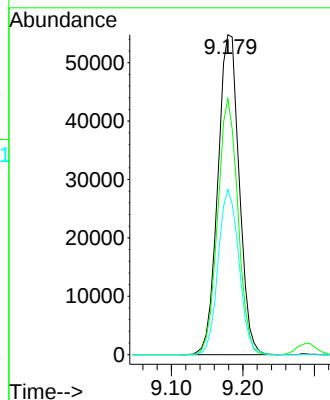
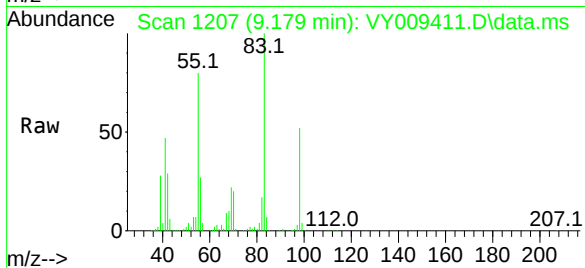
Tgt Ion: 83 Resp: 113435

Ion Ratio Lower Upper

83 100

55 80.0 66.5 99.7

98 51.7 37.9 56.9



#40

Benzene

Concen: 51.408 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY009411.D

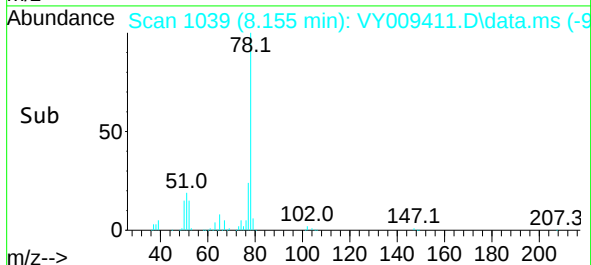
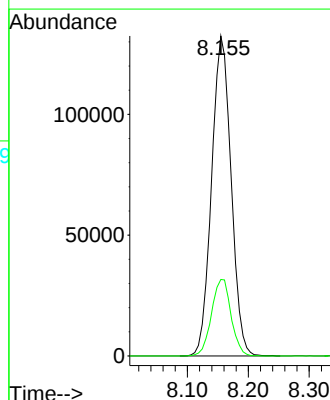
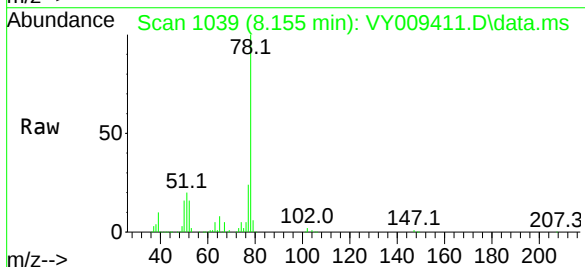
Acq: 01 Jul 2022 08:25

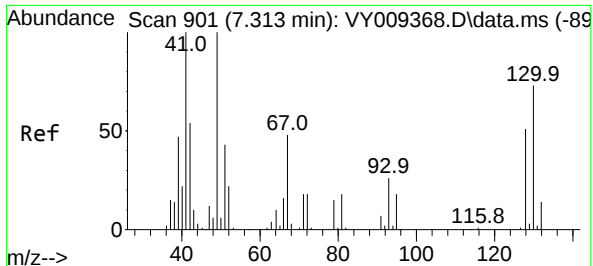
Tgt Ion: 78 Resp: 294854

Ion Ratio Lower Upper

78 100

77 23.9 20.4 30.6

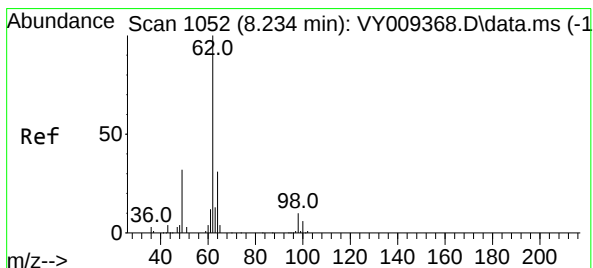
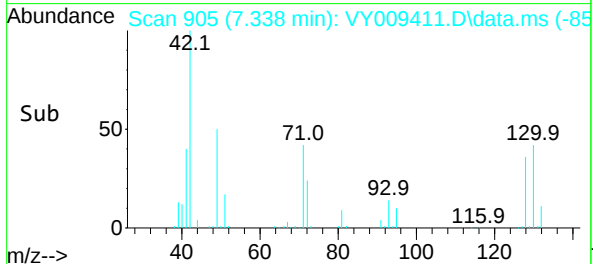
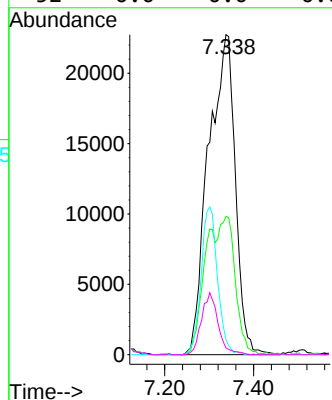
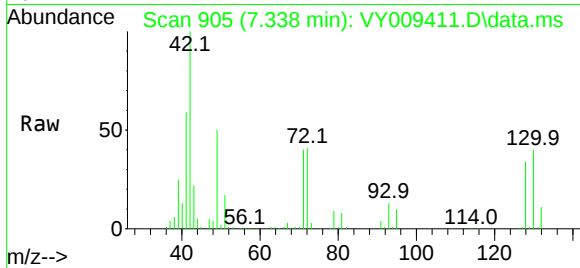




#41
Methacrylonitrile
Concen: 144.749 ug/l
RT: 7.338 min Scan# 901
Delta R.T. 0.037 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

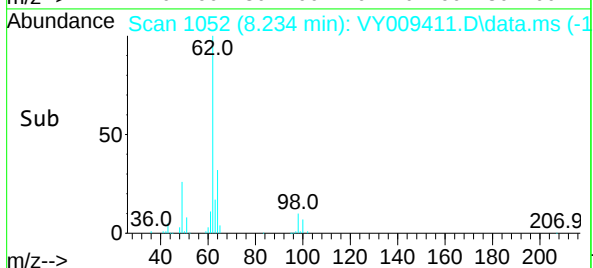
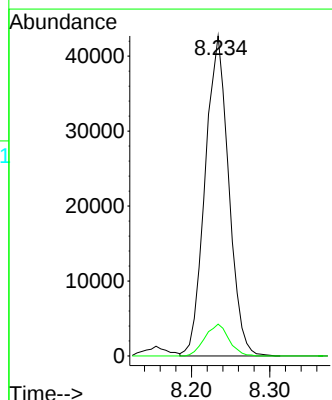
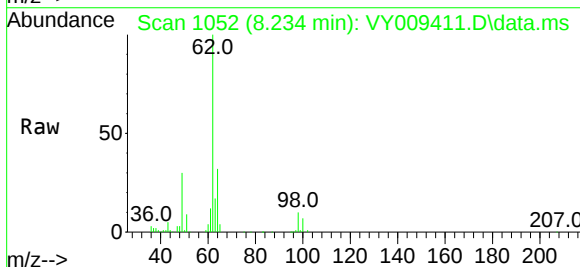
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

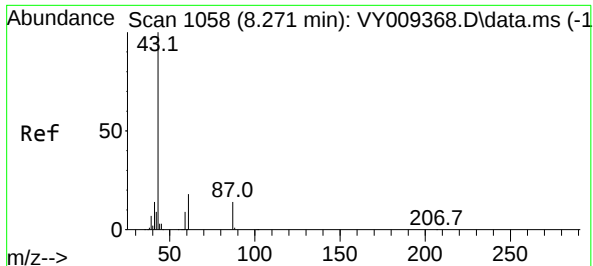
Tgt Ion: 41 Resp: 95113
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 54.262 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

Tgt Ion: 62 Resp: 89275
Ion Ratio Lower Upper
62 100
98 10.1 0.0 14.8





#43

Isopropyl Acetate

Concen: 60.546 ug/l

RT: 8.264 min Scan# 1105

Delta R.T. -0.007 min

Lab File: VY009411.D

Acq: 01 Jul 2022 08:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

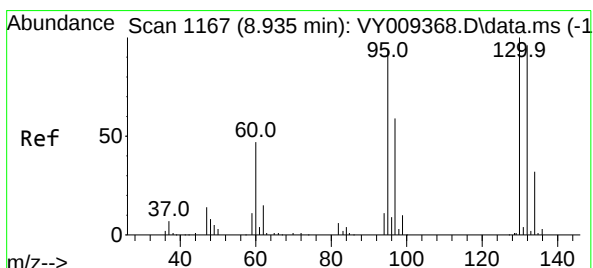
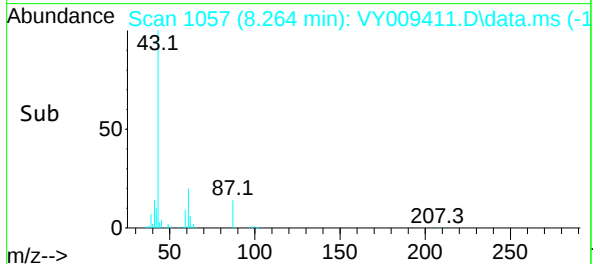
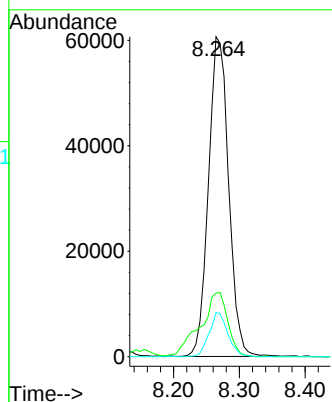
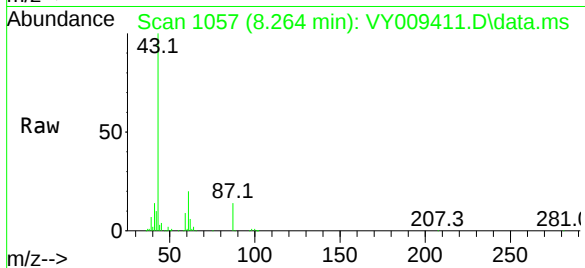
Tgt Ion: 43 Resp: 129292

Ion Ratio Lower Upper

43 100

61 27.4 20.2 30.2

87 12.8 8.9 13.3



#44

Trichloroethene

Concen: 50.104 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY009411.D

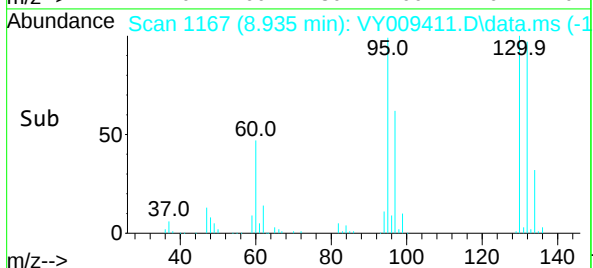
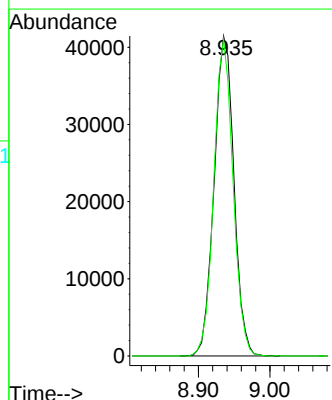
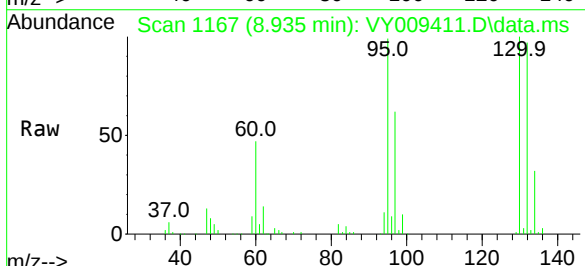
Acq: 01 Jul 2022 08:25

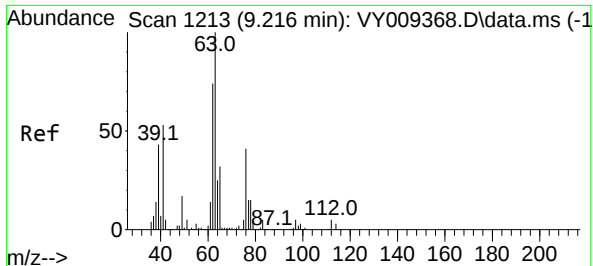
Tgt Ion: 130 Resp: 79847

Ion Ratio Lower Upper

130 100

95 99.0 0.0 188.2





#45

1,2-Dichloropropane

Concen: 53.303 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VY009411.D

Acq: 01 Jul 2022 08:25

Instrument :

MSVOA_Y

ClientSampleId :

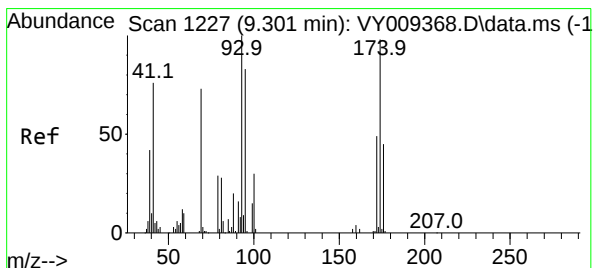
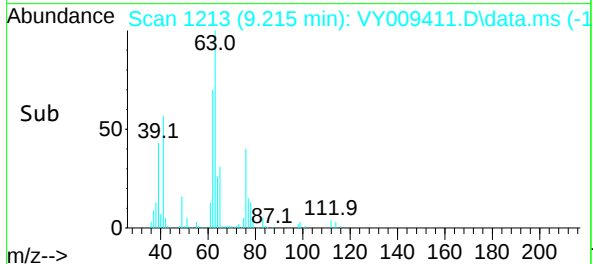
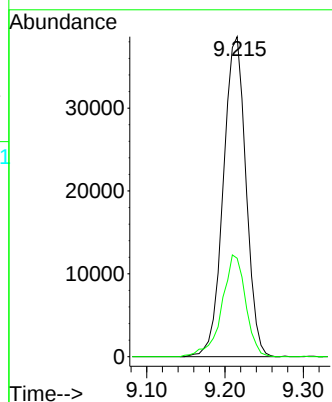
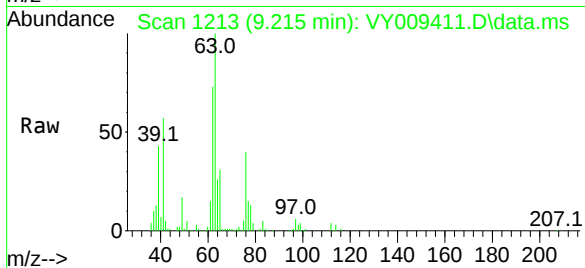
VSTDCCC050

Tgt Ion: 63 Resp: 77440

Ion Ratio Lower Upper

63 100

65 30.8 23.0 34.6



#46

Dibromomethane

Concen: 55.038 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009411.D

Acq: 01 Jul 2022 08:25

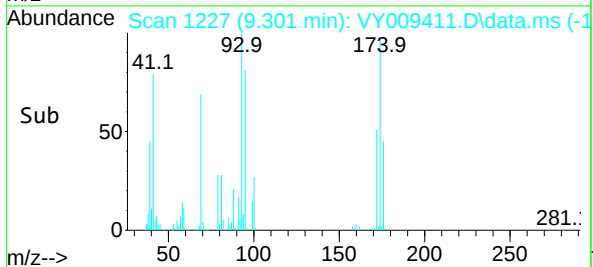
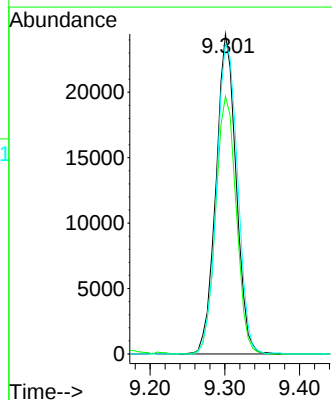
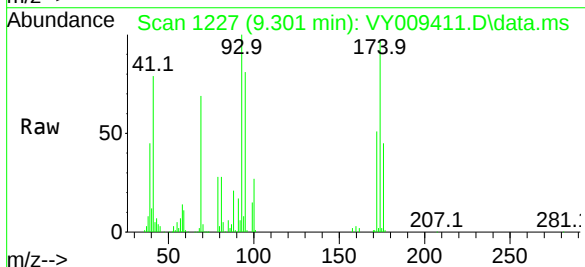
Tgt Ion: 93 Resp: 45808

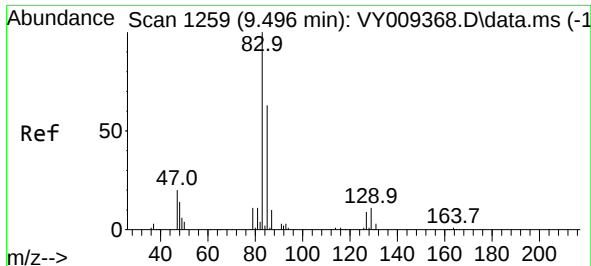
Ion Ratio Lower Upper

93 100

95 82.4 64.3 96.5

174 101.1 83.4 125.0

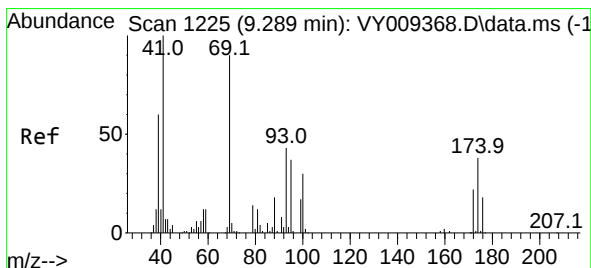
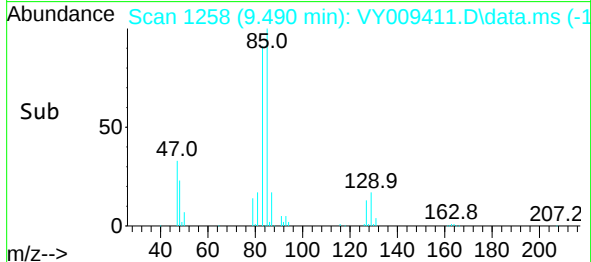
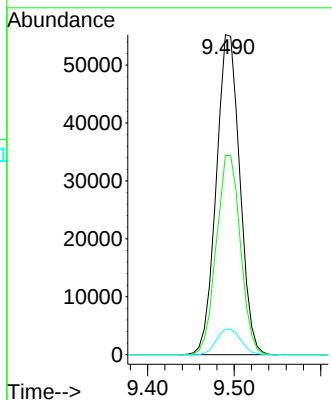
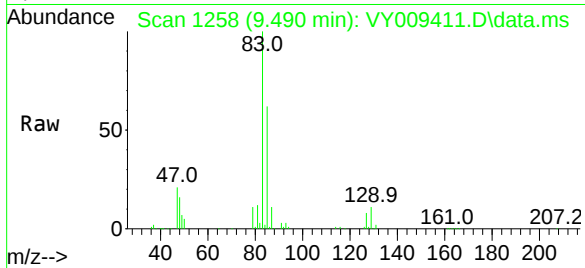




#47
Bromodichloromethane
Concen: 52.896 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

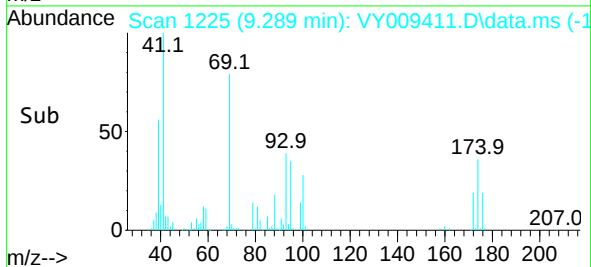
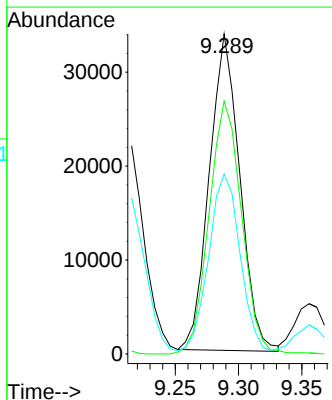
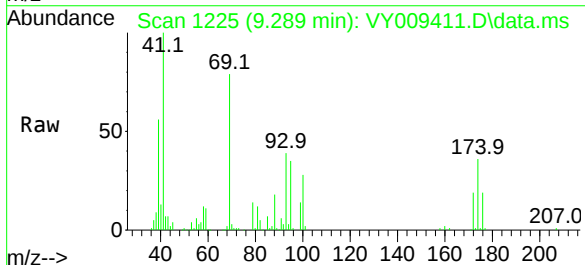
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

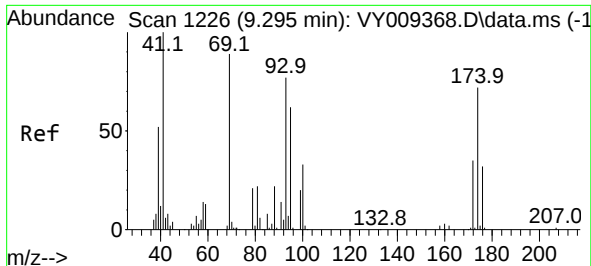
Tgt Ion: 83 Resp: 104260
Ion Ratio Lower Upper
83 100
85 62.2 51.9 77.9
127 8.0 6.6 10.0



#48
Methyl methacrylate
Concen: 61.293 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

Tgt Ion: 41 Resp: 56424
Ion Ratio Lower Upper
41 100
69 85.4 58.2 87.2
39 59.4 47.4 71.0





#49

1,4-Dioxane

Concen: 1176.017 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY009411.D

Acq: 01 Jul 2022 08:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

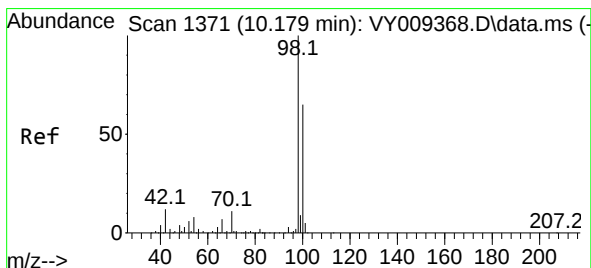
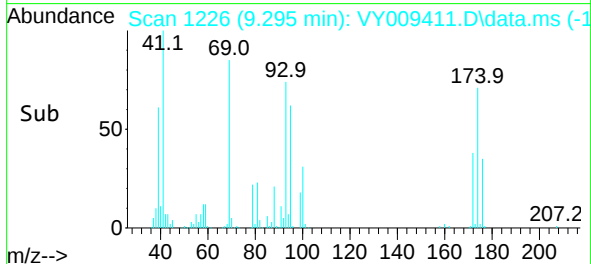
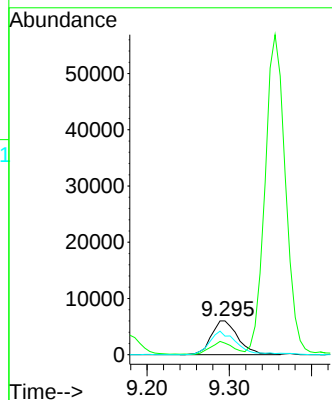
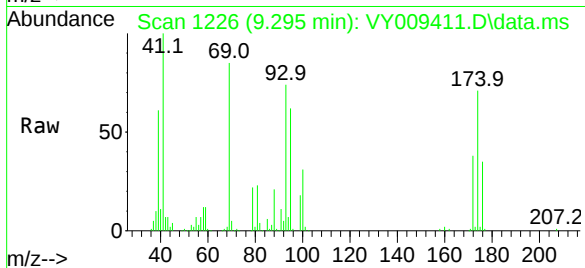
Tgt Ion: 88 Resp: 13644

Ion Ratio Lower Upper

88 100

43 32.7 32.8 49.2#

58 71.6 59.8 89.6



#50

Toluene-d8

Concen: 53.363 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY009411.D

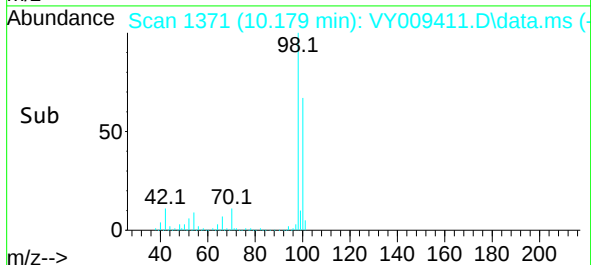
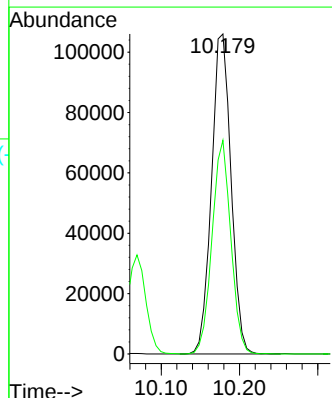
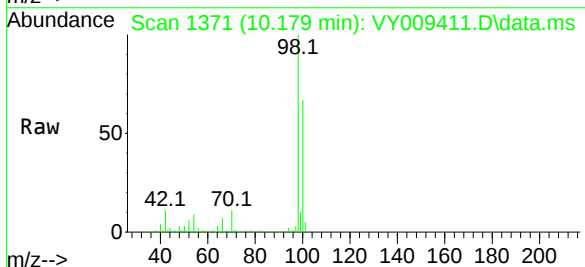
Acq: 01 Jul 2022 08:25

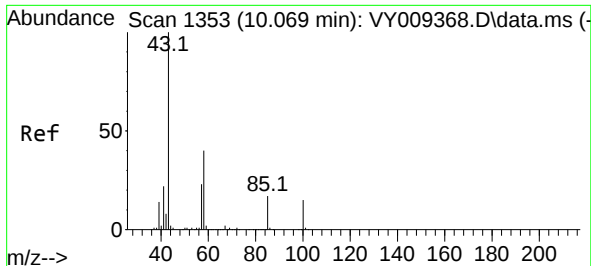
Tgt Ion: 98 Resp: 183519

Ion Ratio Lower Upper

98 100

100 64.2 50.2 75.2

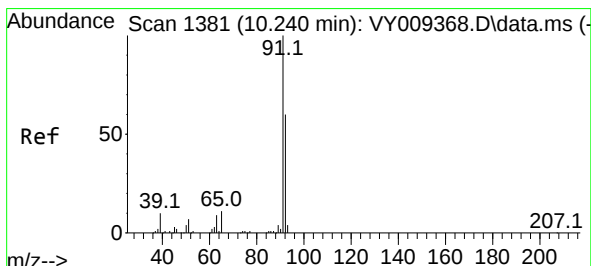
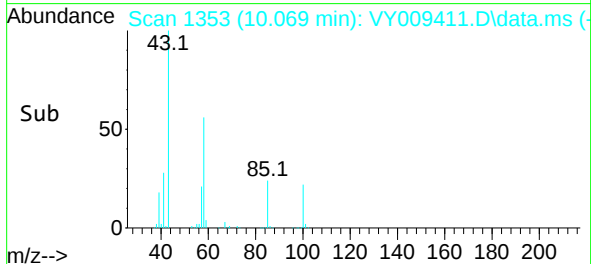
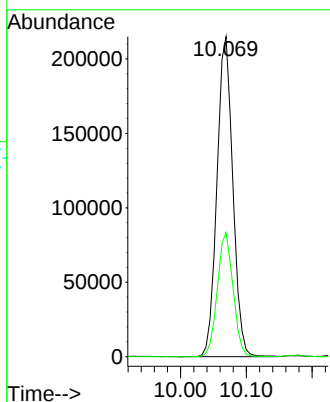
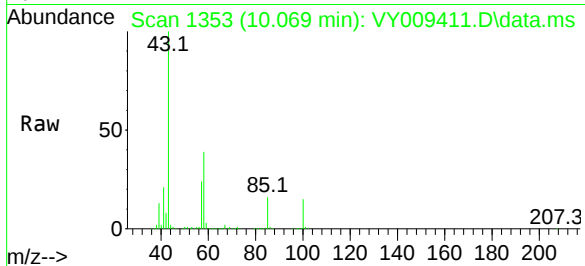




#51
4-Methyl-2-Pentanone
Concen: 327.505 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

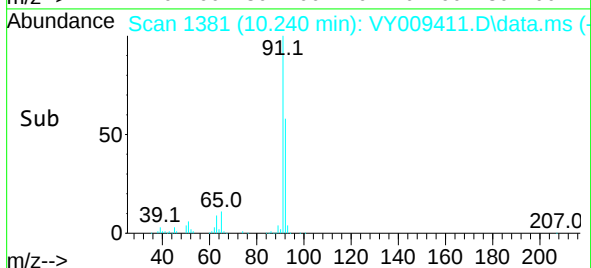
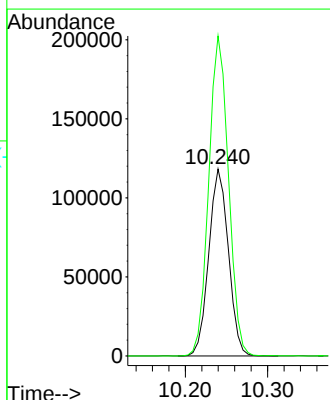
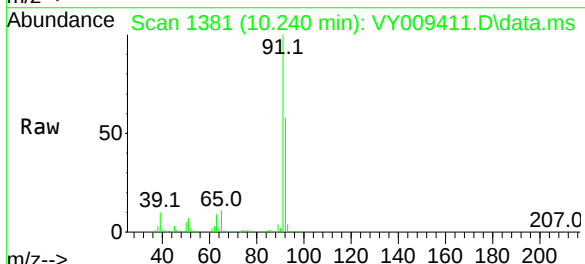
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

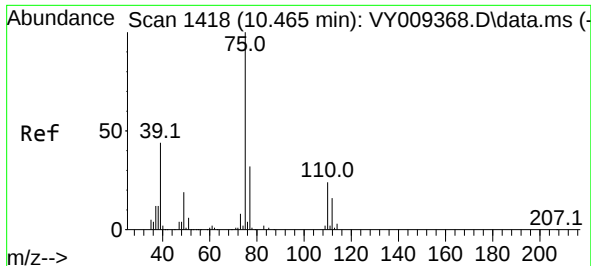
Tgt Ion: 43 Resp: 360586
Ion Ratio Lower Upper
43 100
58 38.4 28.1 42.1



#52
Toluene
Concen: 54.215 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

Tgt Ion: 92 Resp: 196184
Ion Ratio Lower Upper
92 100
91 172.3 142.6 213.8

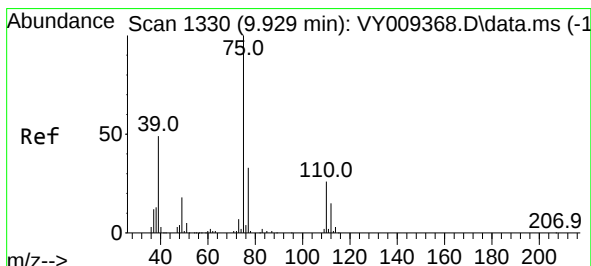
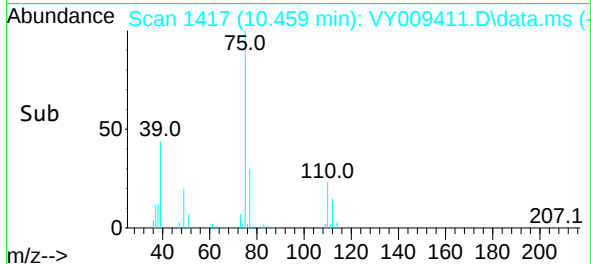
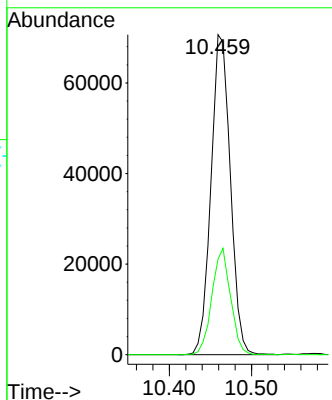
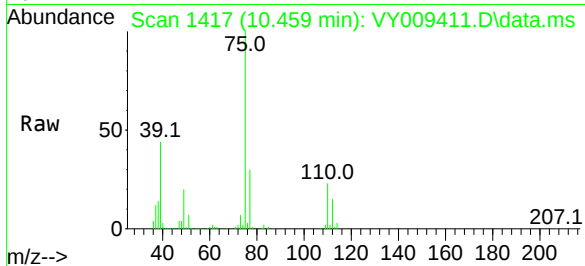




#53
 t-1,3-Dichloropropene
 Concen: 58.671 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. -0.006 min
 Lab File: VY009411.D
 Acq: 01 Jul 2022 08:25

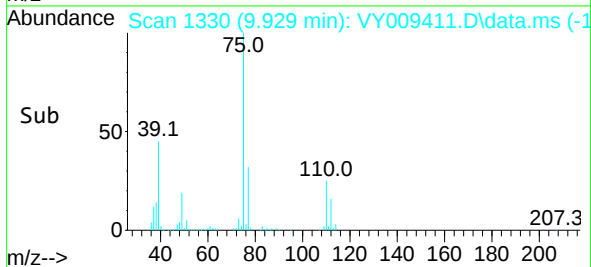
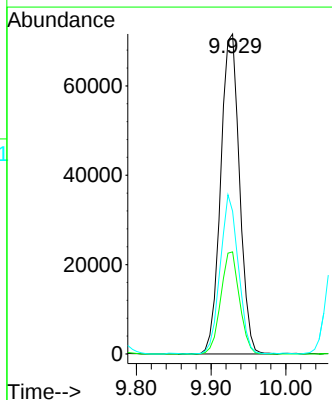
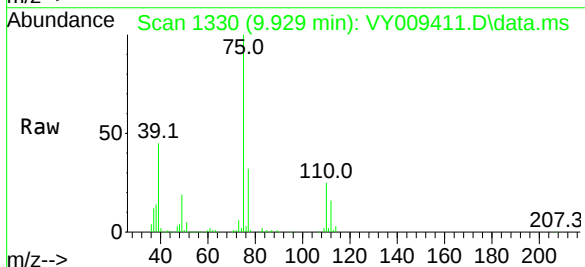
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

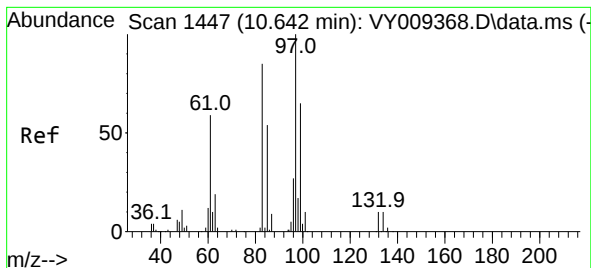
Tgt Ion: 75 Resp: 115680
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 53.434 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY009411.D
 Acq: 01 Jul 2022 08:25

Tgt Ion: 75 Resp: 125791
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.6 38.4
 39 44.5 47.6 71.4#

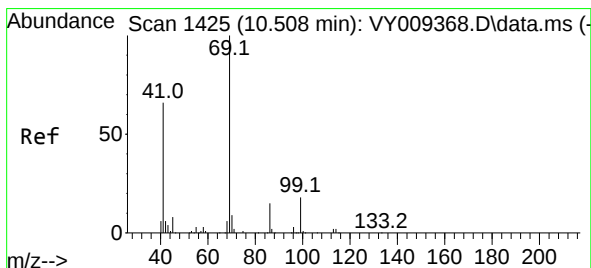
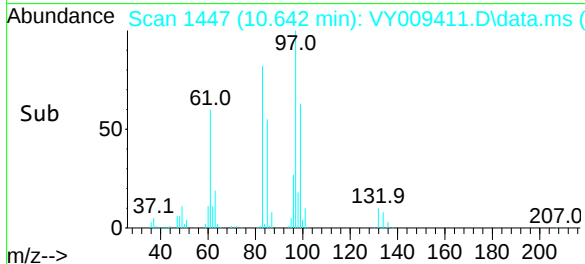
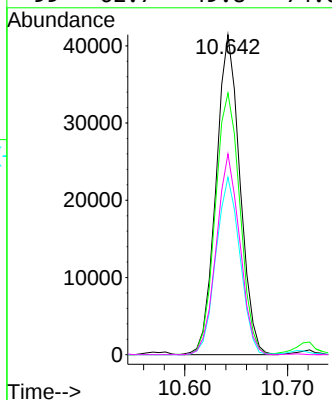
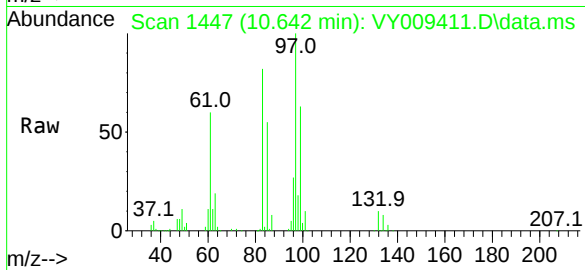




#55
1,1,2-Trichloroethane
Concen: 60.497 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

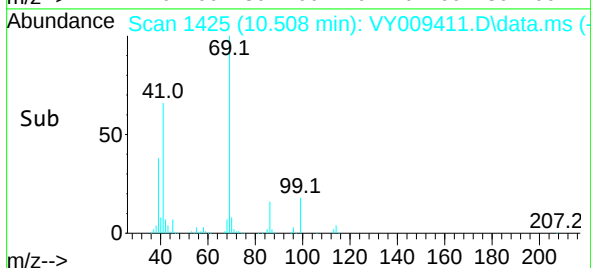
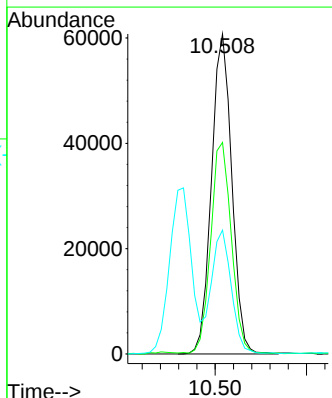
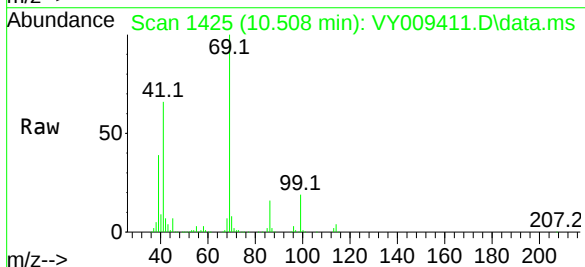
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

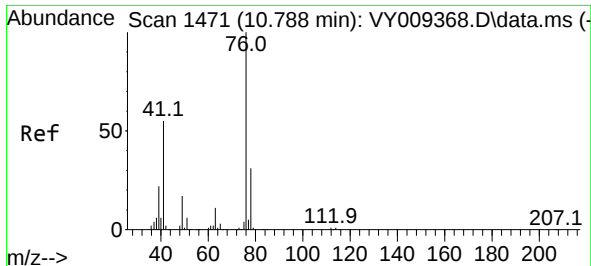
Tgt Ion: 97	Resp: 66990
Ion Ratio	Lower Upper
97 100	
83 81.6	69.8 104.8
85 55.5	44.3 66.5
99 62.7	49.8 74.6



#56
Ethyl methacrylate
Concen: 66.324 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

Tgt Ion: 69	Resp: 93744
Ion Ratio	Lower Upper
69 100	
41 66.9	63.4 95.0
39 38.1	35.8 53.8





#57

1,3-Dichloropropane

Concen: 56.506 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY009411.D

Acq: 01 Jul 2022 08:25

Instrument :

MSVOA_Y

ClientSampleId :

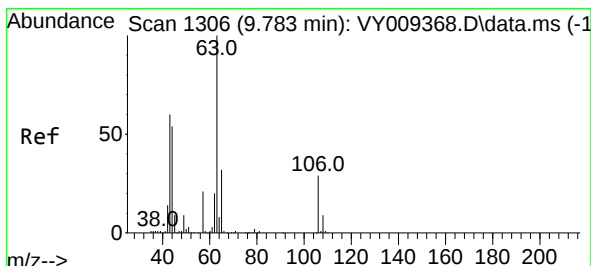
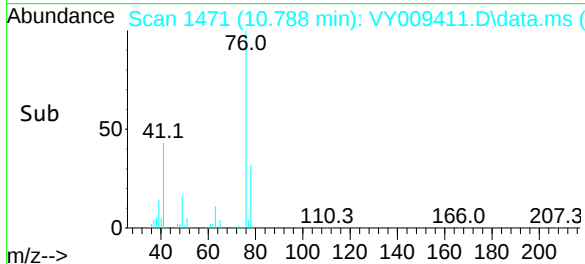
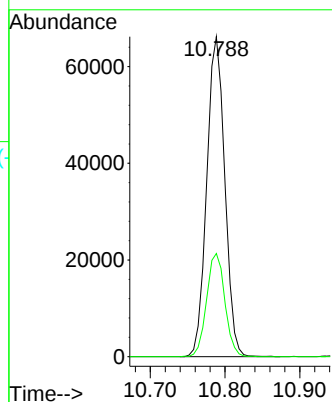
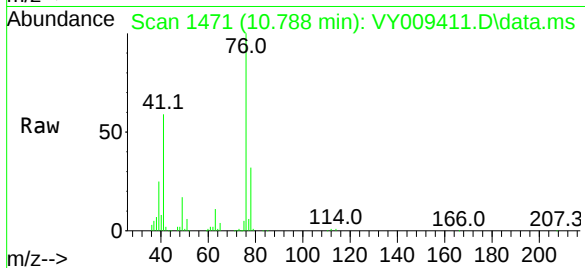
VSTDCCC050

Tgt Ion: 76 Resp: 110844

Ion Ratio Lower Upper

76 100

78 32.6 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 302.548 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY009411.D

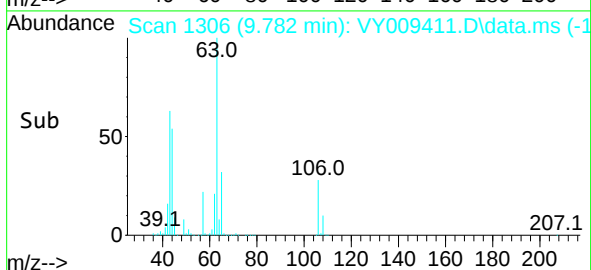
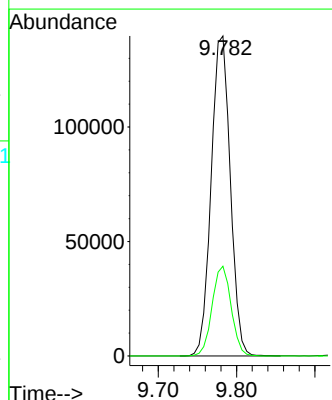
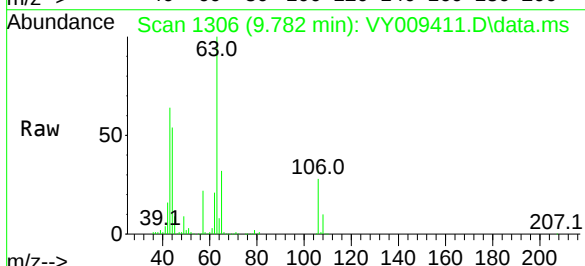
Acq: 01 Jul 2022 08:25

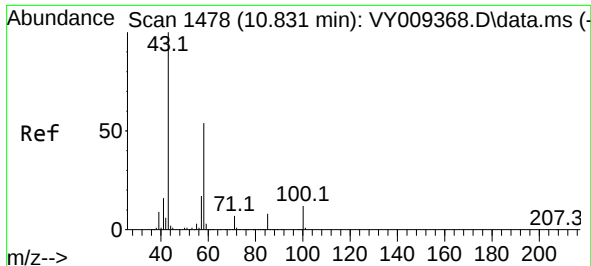
Tgt Ion: 63 Resp: 236767

Ion Ratio Lower Upper

63 100

106 27.9 21.5 32.3

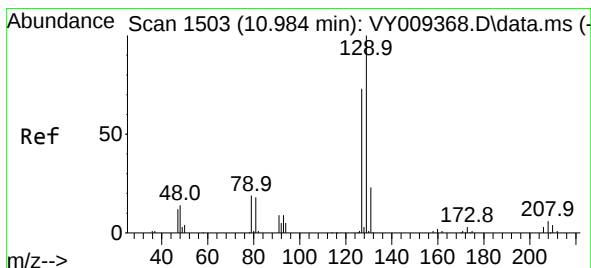
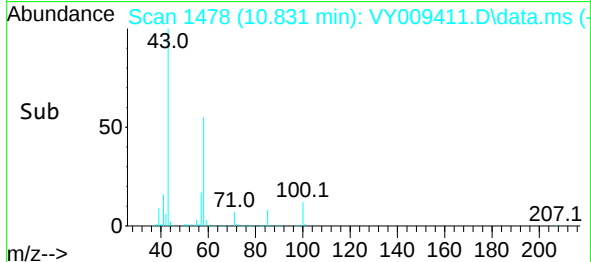
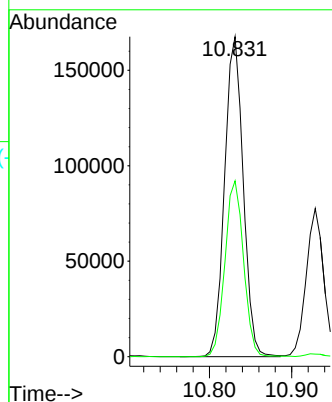
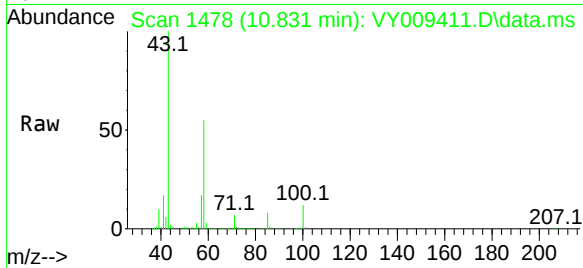




#59
2-Hexanone
Concen: 347.103 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

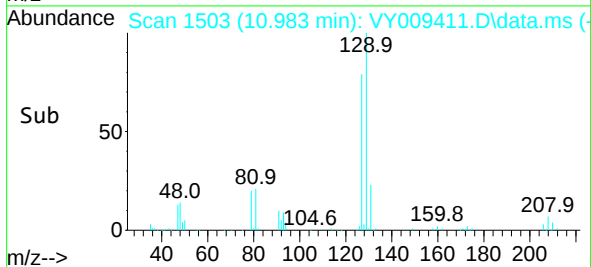
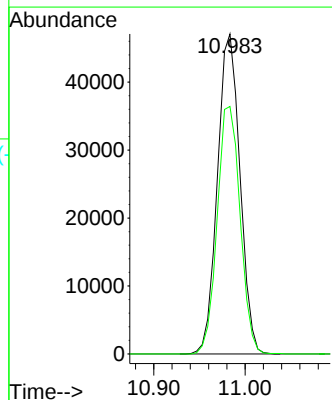
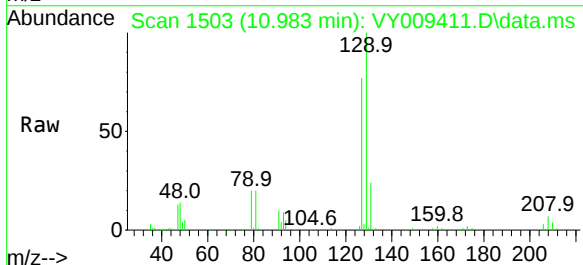
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

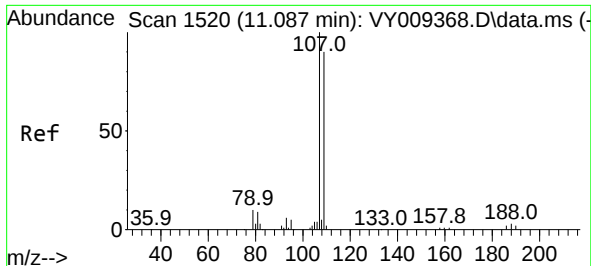
Tgt Ion: 43 Resp: 263994
Ion Ratio Lower Upper
43 100
58 55.0 24.4 73.4



#60
Dibromochloromethane
Concen: 57.626 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

Tgt Ion: 129 Resp: 80754
Ion Ratio Lower Upper
129 100
127 78.7 38.7 116.1

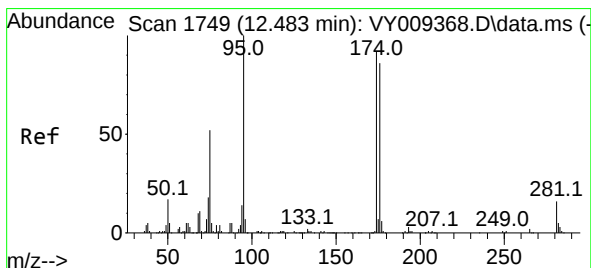
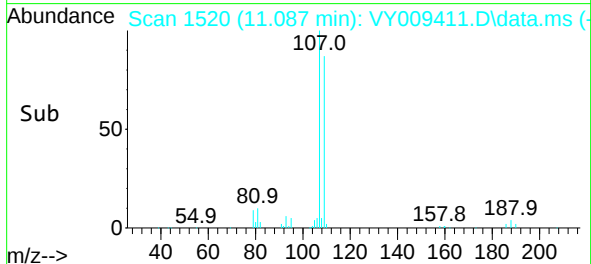
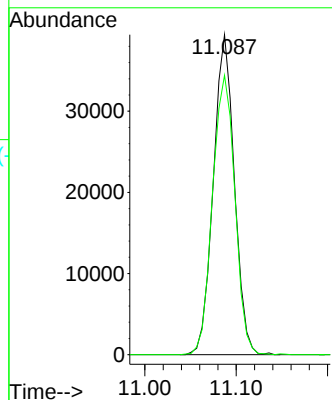
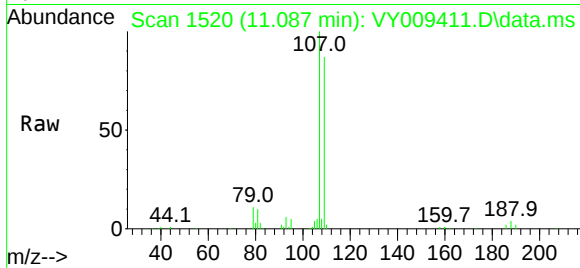




#61
1,2-Dibromoethane
Concen: 56.586 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

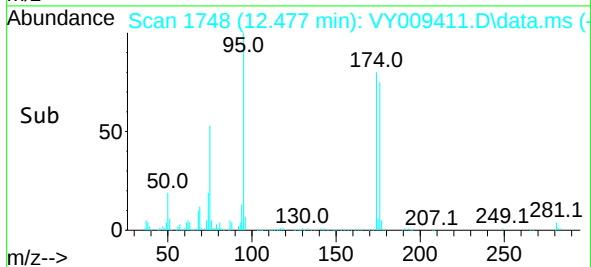
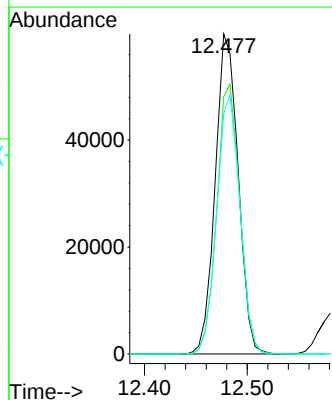
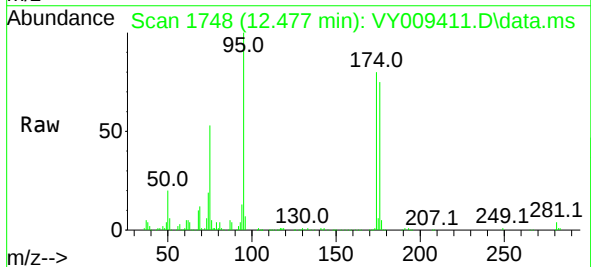
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

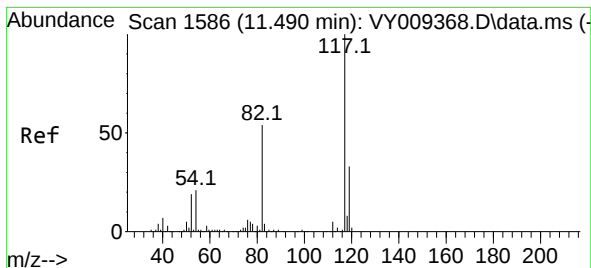
Tgt Ion:107 Resp: 62908
Ion Ratio Lower Upper
107 100
109 93.1 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 56.821 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

Tgt Ion: 95 Resp: 92678
Ion Ratio Lower Upper
95 100
174 84.5 0.0 177.0
176 82.0 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY009411.D

Acq: 01 Jul 2022 08:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

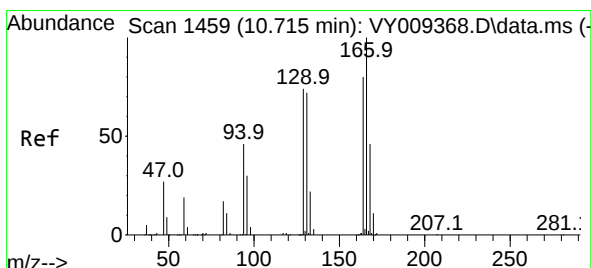
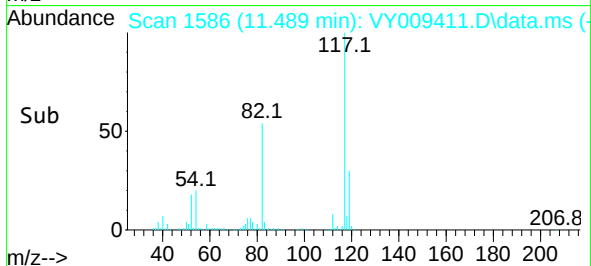
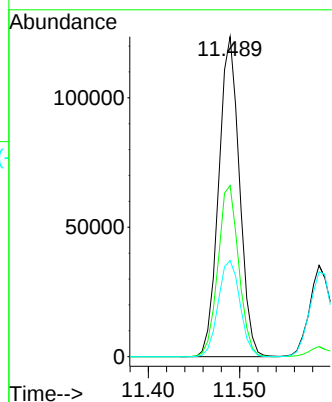
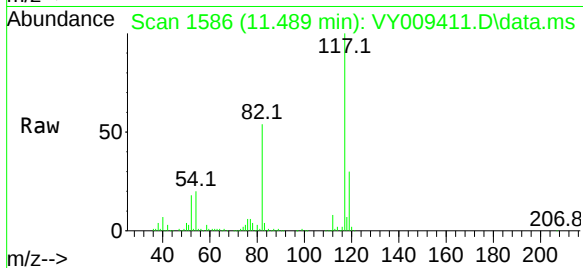
Tgt Ion:117 Resp: 195065

Ion Ratio Lower Upper

117 100

82 53.5 43.0 64.4

119 30.0 25.4 38.0



#64

Tetrachloroethene

Concen: 49.492 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY009411.D

Acq: 01 Jul 2022 08:25

Tgt Ion:164 Resp: 89878

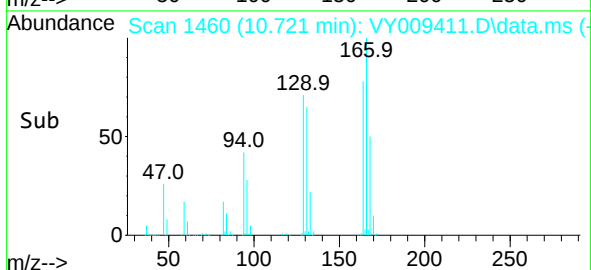
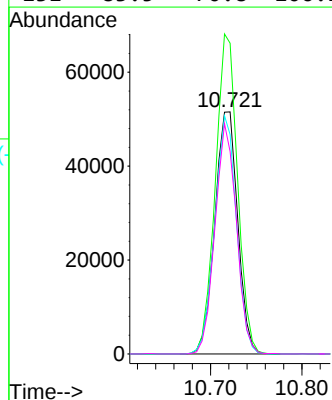
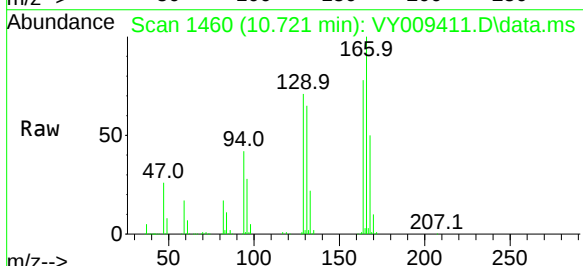
Ion Ratio Lower Upper

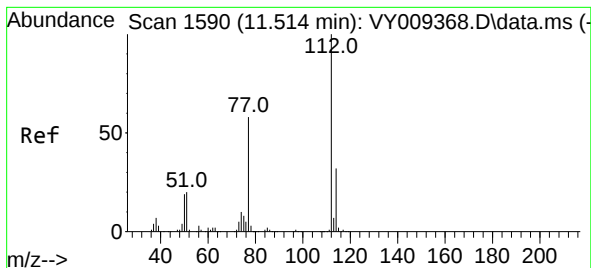
164 100

166 128.4 100.4 150.6

129 90.6 71.4 107.0

131 83.5 70.8 106.2





#65

Chlorobenzene

Concen: 51.444 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY009411.D

Acq: 01 Jul 2022 08:25

Instrument :

MSVOA_Y

ClientSampleId :

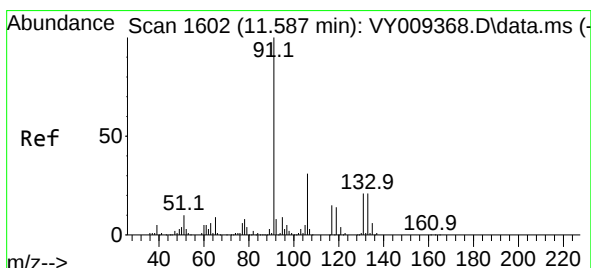
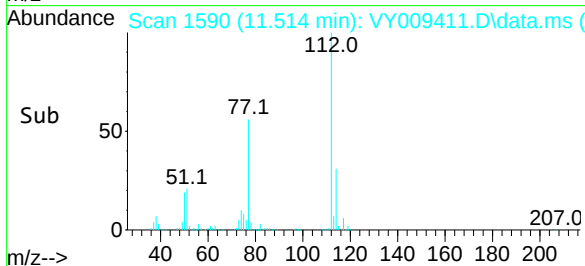
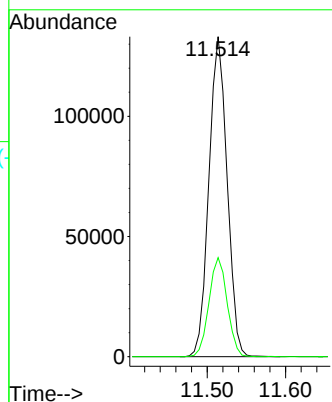
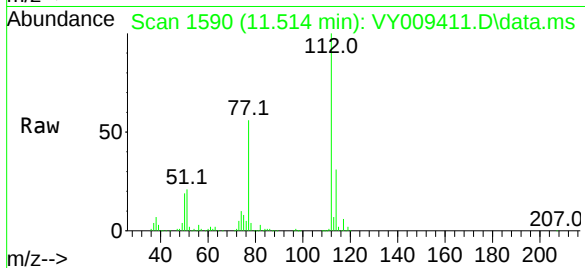
VSTDCCC050

Tgt Ion:112 Resp: 214715

Ion Ratio Lower Upper

112 100

114 31.0 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 52.695 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY009411.D

Acq: 01 Jul 2022 08:25

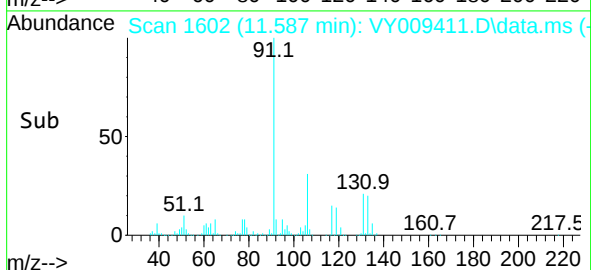
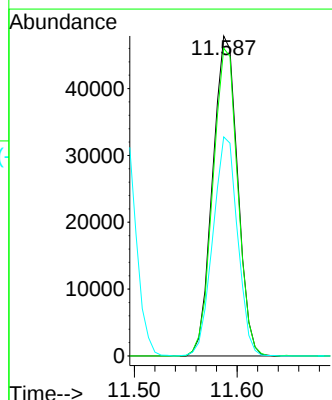
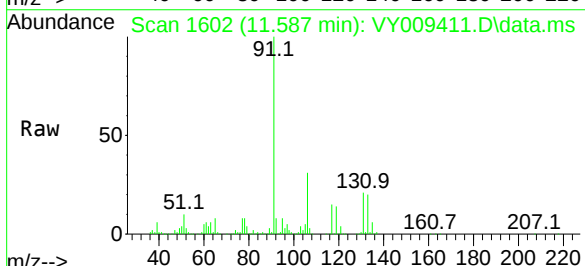
Tgt Ion:131 Resp: 80676

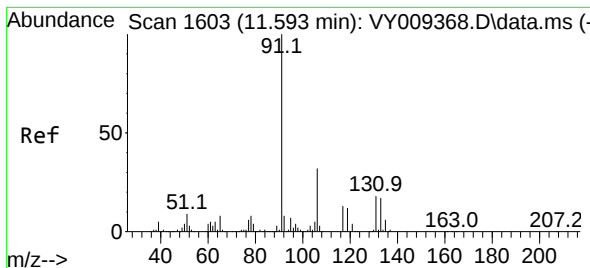
Ion Ratio Lower Upper

131 100

133 95.9 47.9 143.6

119 67.9 30.8 92.3





#67

Ethyl Benzene

Concen: 52.863 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY009411.D

Acq: 01 Jul 2022 08:25

Instrument :

MSVOA_Y

ClientSampleId :

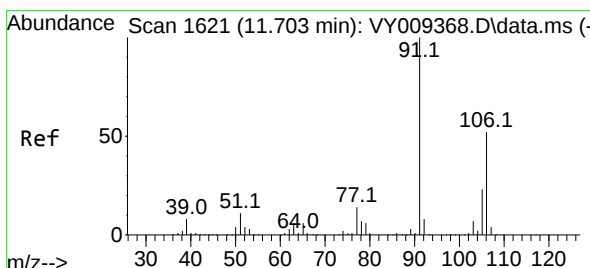
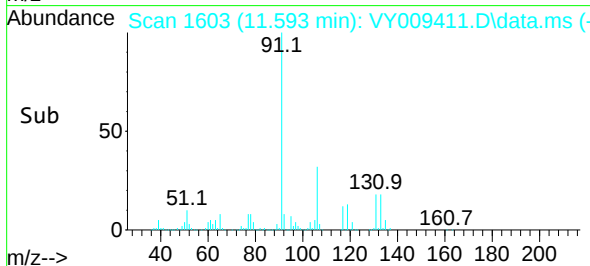
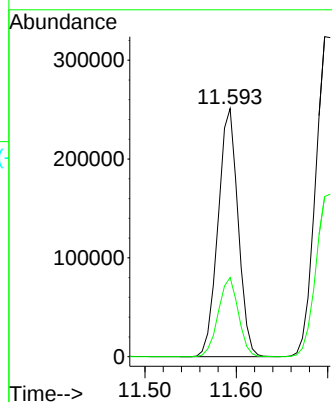
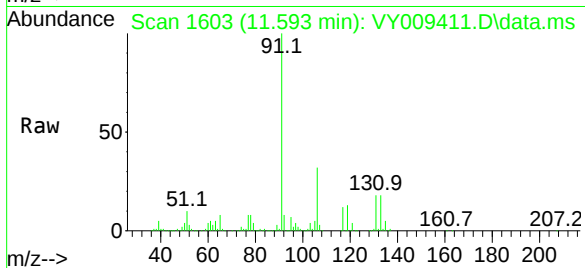
VSTDCCC050

Tgt Ion: 91 Resp: 382761

Ion Ratio Lower Upper

91 100

106 31.9 24.5 36.7



#68

m/p-Xylenes

Concen: 104.993 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY009411.D

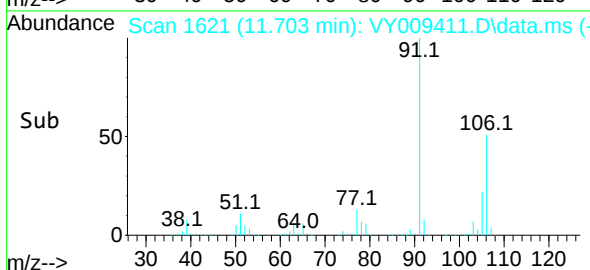
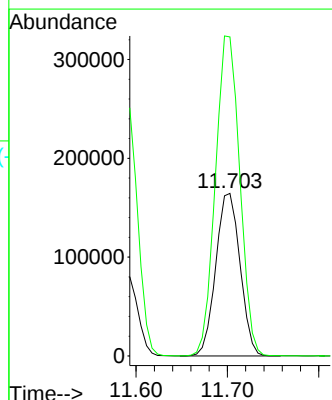
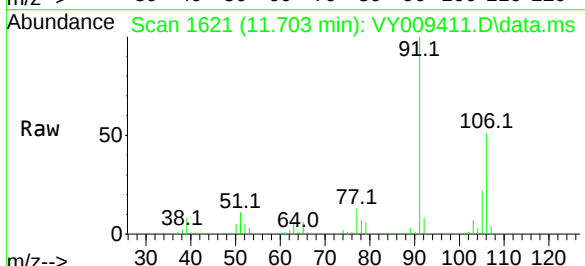
Acq: 01 Jul 2022 08:25

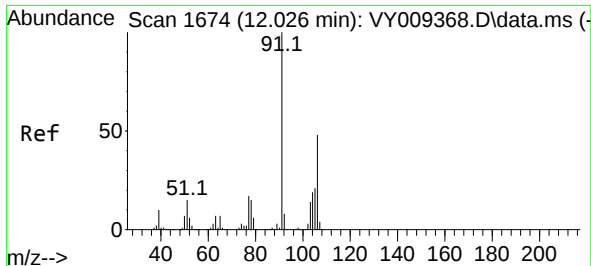
Tgt Ion: 106 Resp: 303981

Ion Ratio Lower Upper

106 100

91 197.8 166.6 249.8

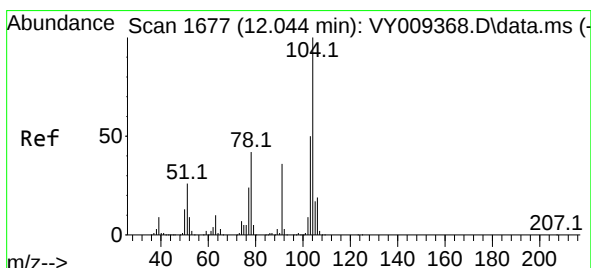
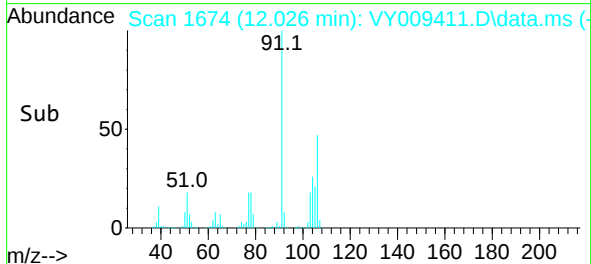
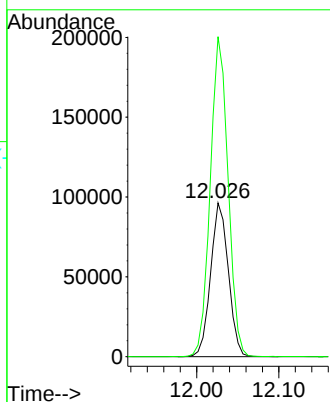
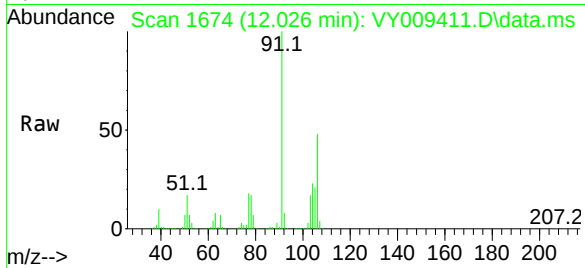




#69
o-Xylene
Concen: 52.781 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

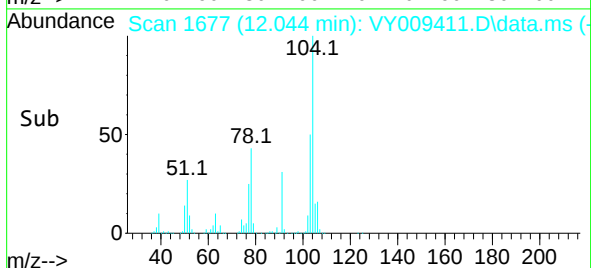
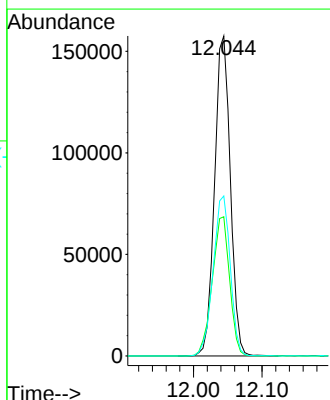
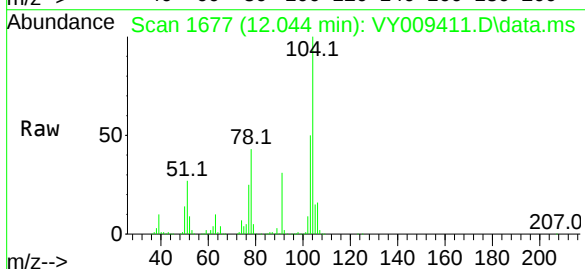
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

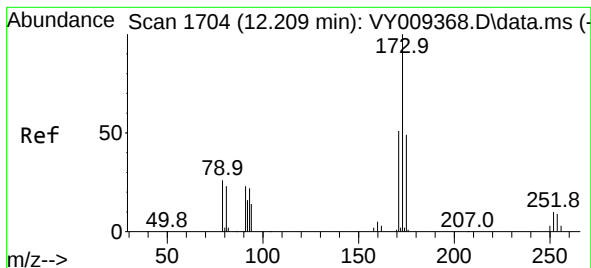
Tgt Ion:106 Resp: 144213
Ion Ratio Lower Upper
106 100
91 209.2 110.3 331.0



#70
Styrene
Concen: 55.607 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

Tgt Ion:104 Resp: 251731
Ion Ratio Lower Upper
104 100
78 47.9 42.4 63.6
103 54.3 44.4 66.6





#71

Bromoform

Concen: 57.742 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY009411.D

Acq: 01 Jul 2022 08:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

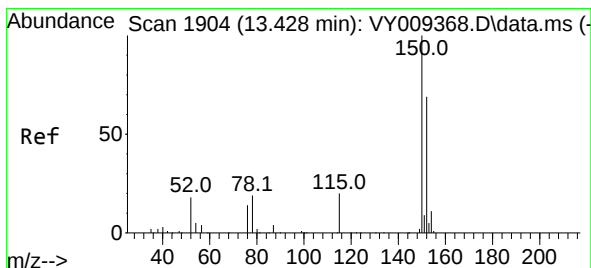
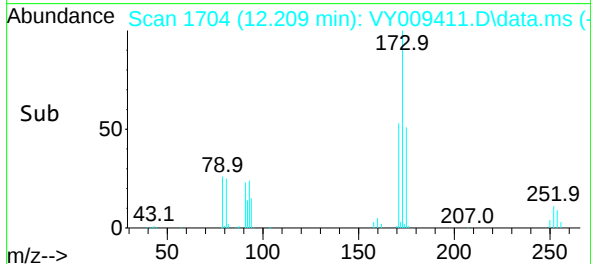
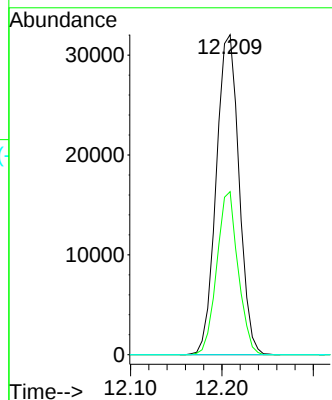
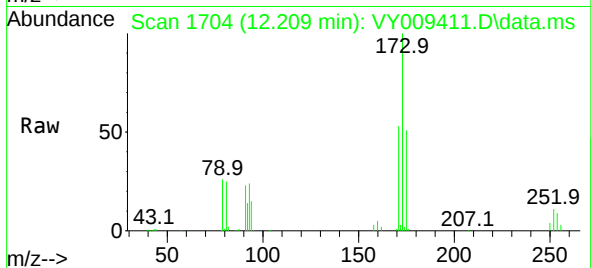
Tgt Ion:173 Resp: 55547

Ion Ratio Lower Upper

173 100

175 47.6 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY009411.D

Acq: 01 Jul 2022 08:25

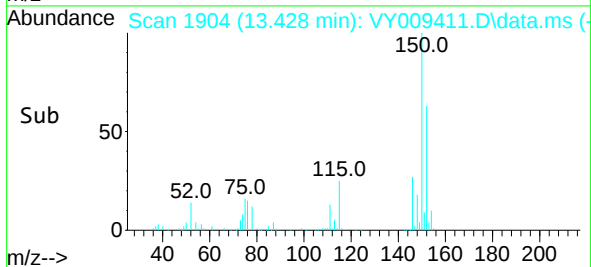
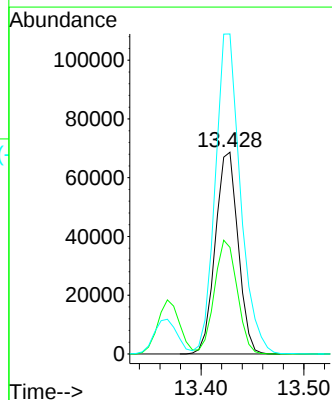
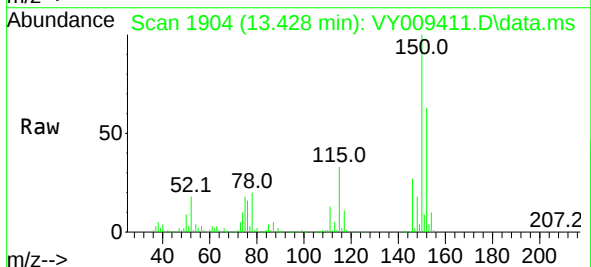
Tgt Ion:152 Resp: 105687

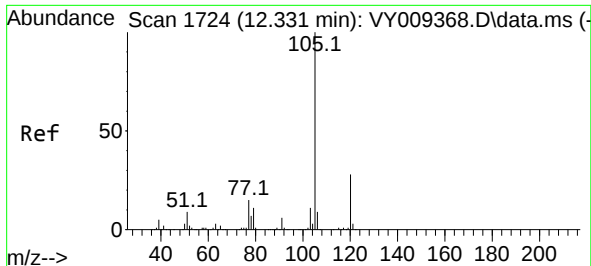
Ion Ratio Lower Upper

152 100

115 56.6 28.2 84.7

150 174.7 0.0 347.6

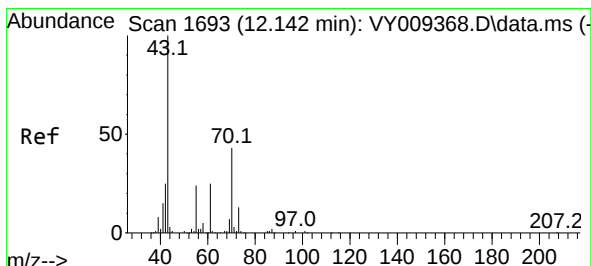
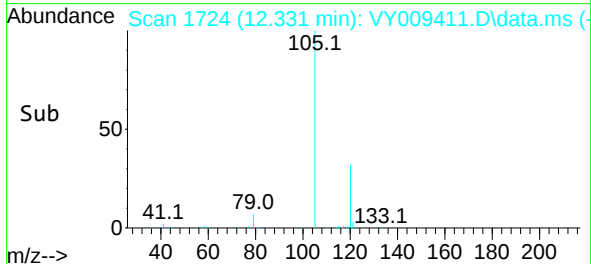
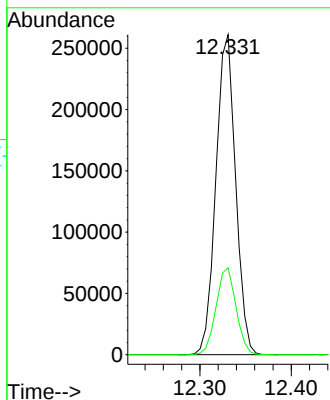
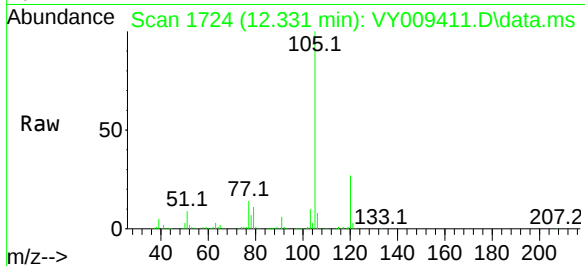




#73
Isopropylbenzene
Concen: 50.160 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

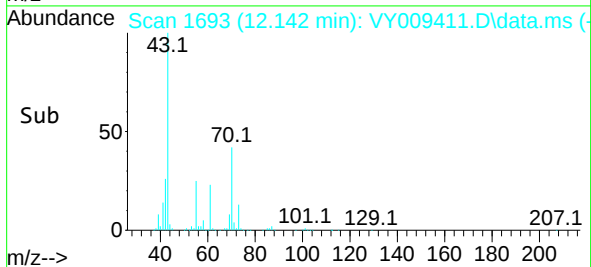
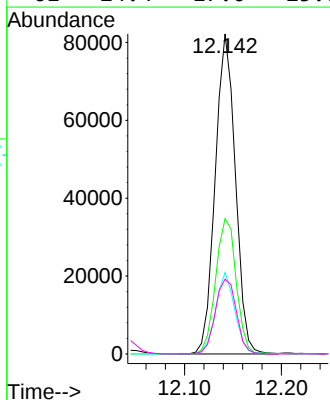
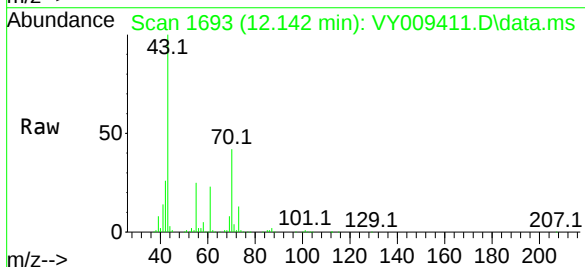
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

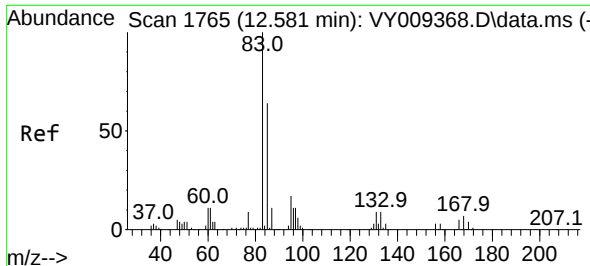
Tgt Ion:105 Resp: 391562
Ion Ratio Lower Upper
105 100
120 27.5 13.4 40.2



#74
N-ethyl acetate
Concen: 58.108 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

Tgt Ion: 43 Resp: 118984
Ion Ratio Lower Upper
43 100
70 43.1 28.7 43.1#
55 24.2 17.3 25.9
61 24.4 17.0 25.6

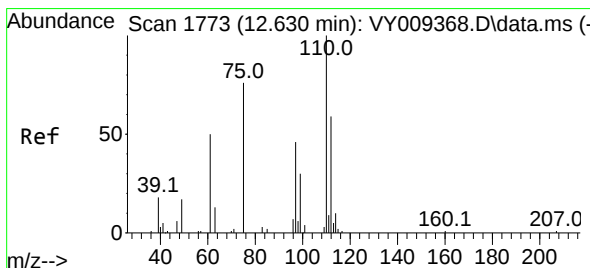
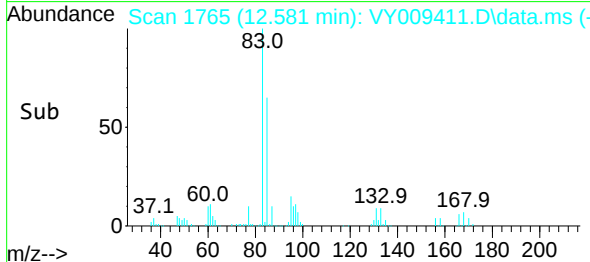
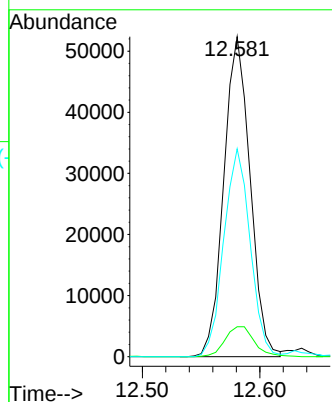
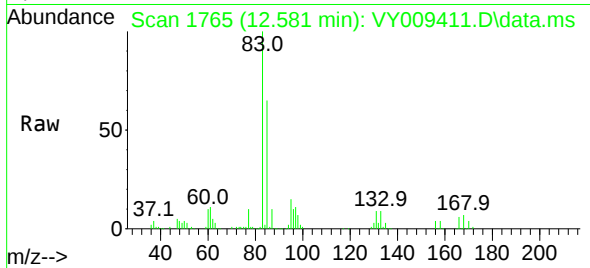




#75
1,1,2,2-Tetrachloroethane
Concen: 53.888 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

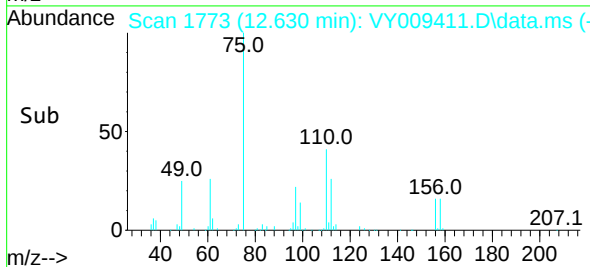
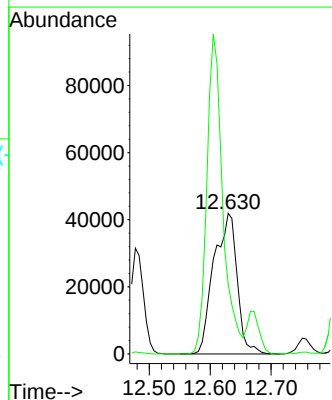
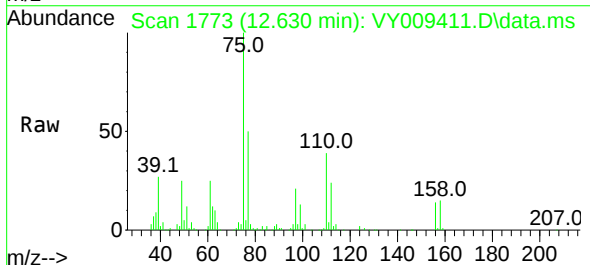
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

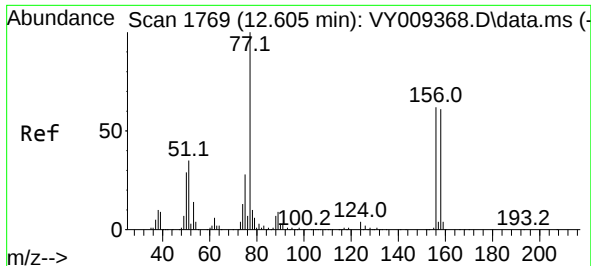
Tgt Ion: 83 Resp: 81487
Ion Ratio Lower Upper
83 100
131 10.5 5.6 16.8
85 65.1 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 90.075 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.001 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

Tgt Ion: 75 Resp: 111484
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

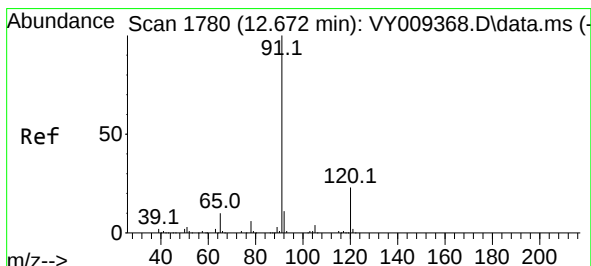
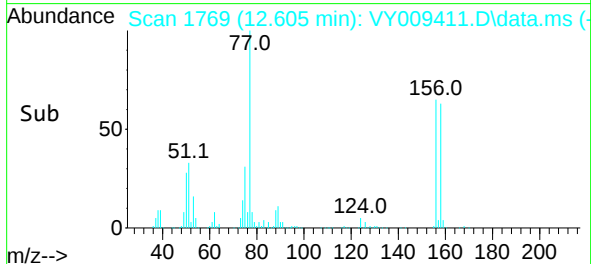
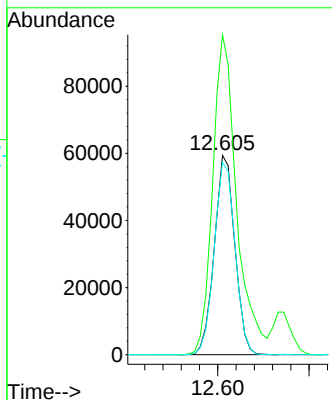
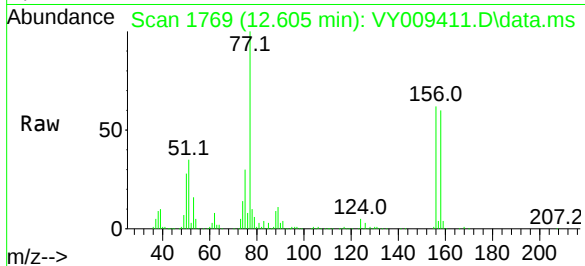




#77
Bromobenzene
Concen: 49.746 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

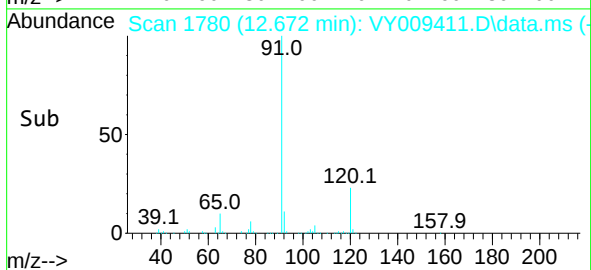
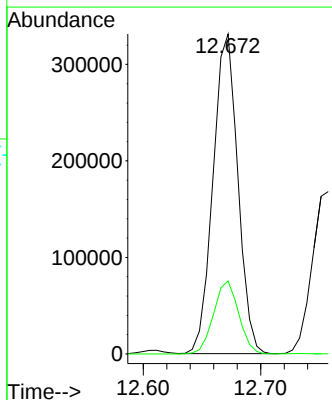
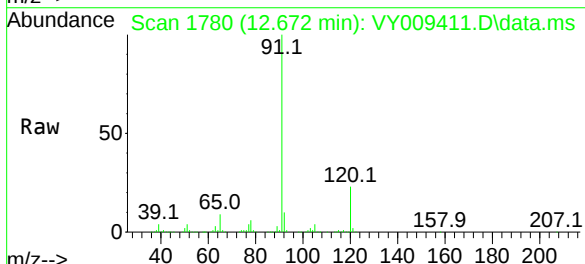
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

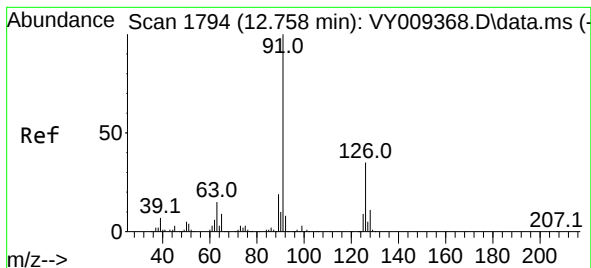
Tgt Ion:156 Resp: 92572
Ion Ratio Lower Upper
156 100
77 187.0 95.5 286.4
158 98.4 48.0 144.0



#78
n-propylbenzene
Concen: 51.133 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

Tgt Ion: 91 Resp: 485553
Ion Ratio Lower Upper
91 100
120 23.1 11.3 33.9





#79

2-Chlorotoluene

Concen: 49.809 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009411.D

Acq: 01 Jul 2022 08:25

Instrument :

MSVOA_Y

ClientSampleId :

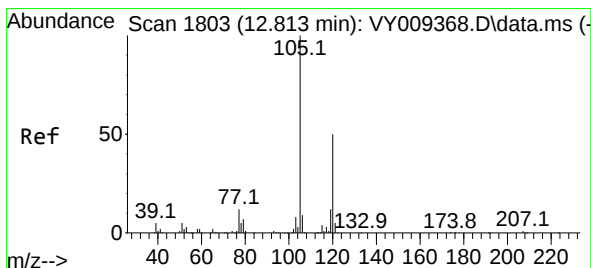
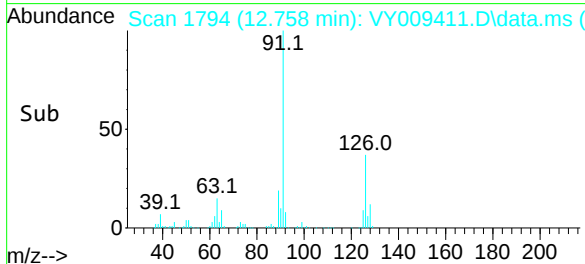
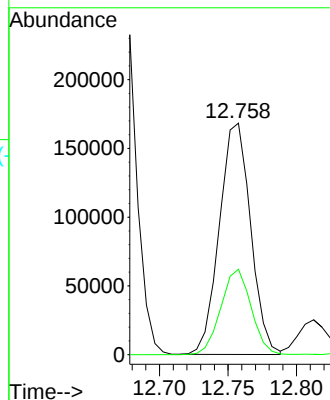
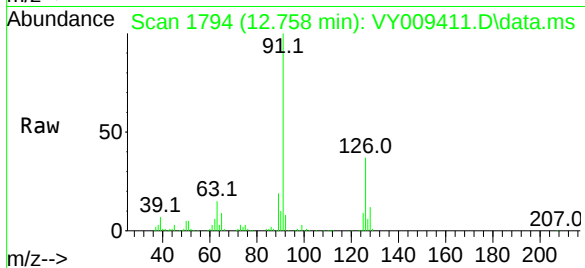
VSTDCCC050

Tgt Ion: 91 Resp: 266973

Ion Ratio Lower Upper

91 100

126 35.8 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 50.481 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY009411.D

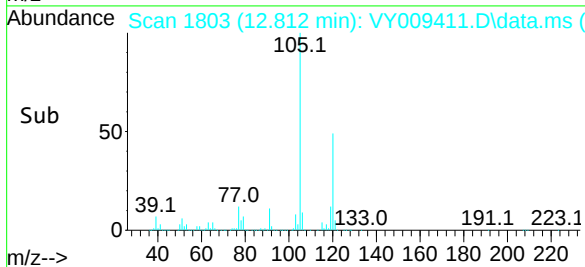
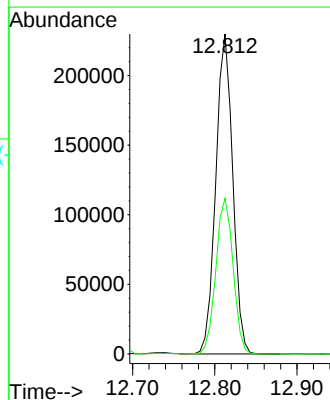
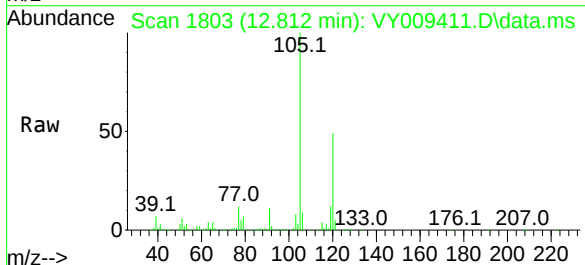
Acq: 01 Jul 2022 08:25

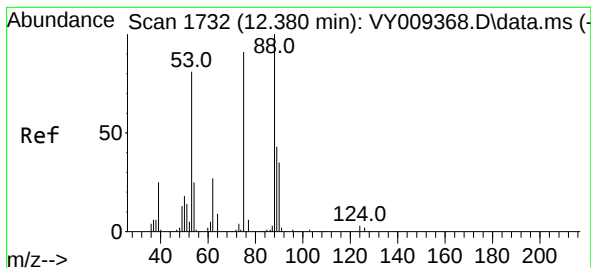
Tgt Ion: 105 Resp: 329545

Ion Ratio Lower Upper

105 100

120 49.5 24.4 73.4

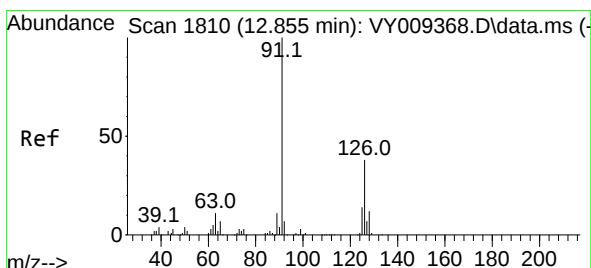
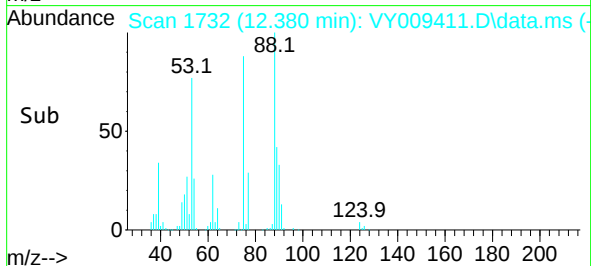
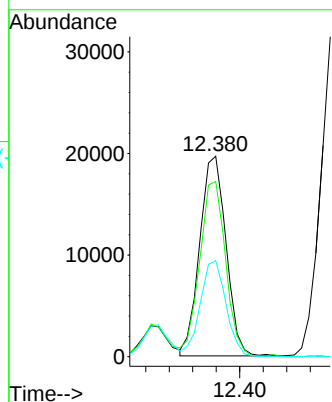
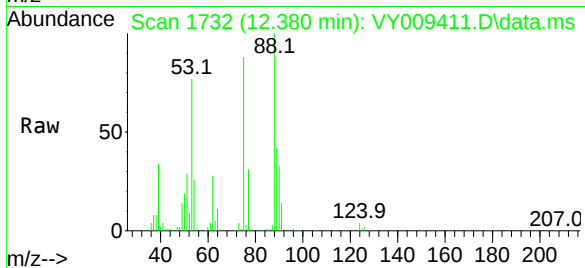




#81
trans-1,4-Dichloro-2-butene
Concen: 54.935 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

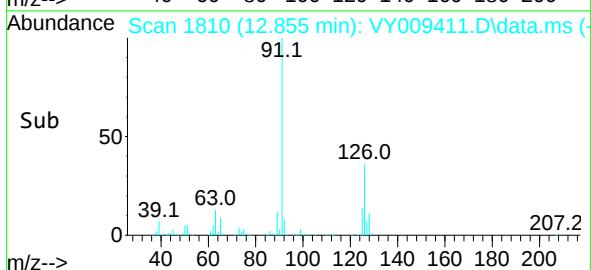
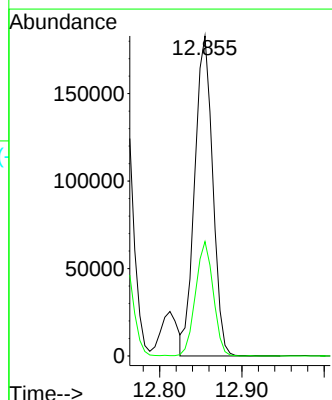
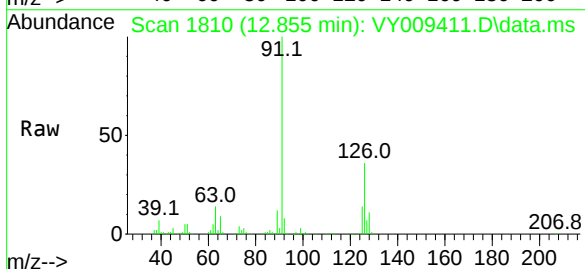
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

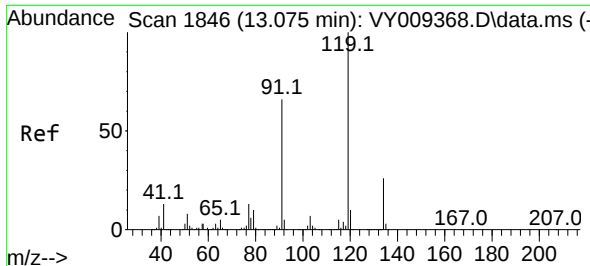
Tgt Ion: 75 Resp: 30538
Ion Ratio Lower Upper
75 100
53 85.9 85.3 127.9
89 47.1 37.0 55.4



#82
4-Chlorotoluene
Concen: 49.892 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

Tgt Ion: 91 Resp: 277902
Ion Ratio Lower Upper
91 100
126 35.1 17.0 51.0

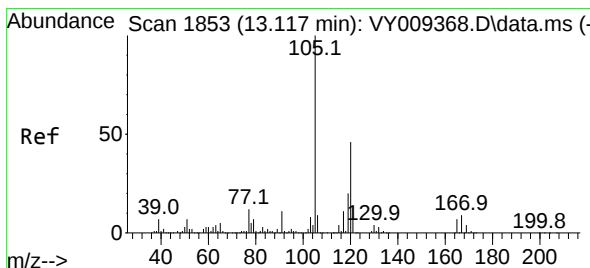
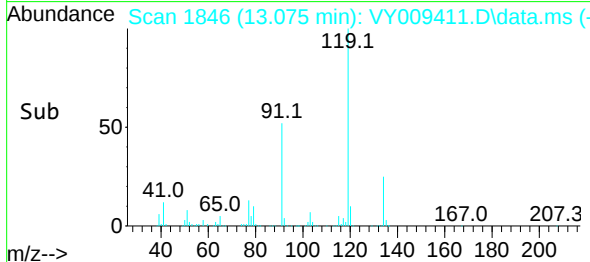
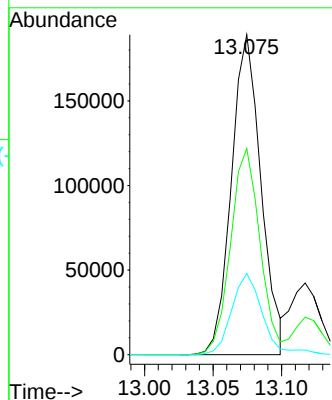
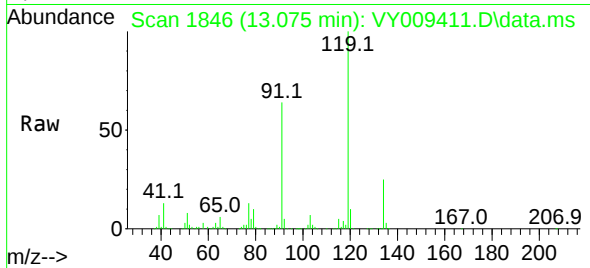




#83
tert-Butylbenzene
Concen: 51.994 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

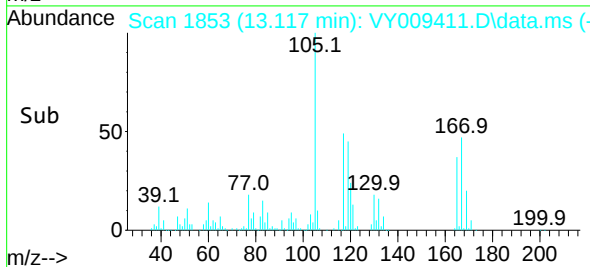
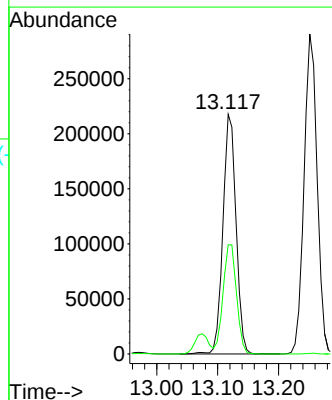
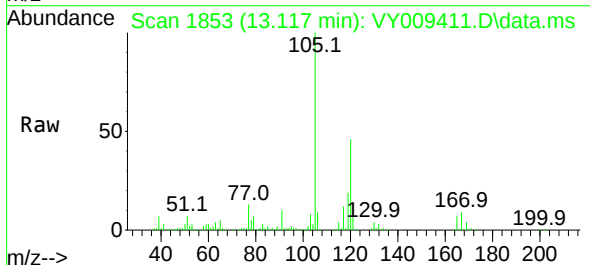
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

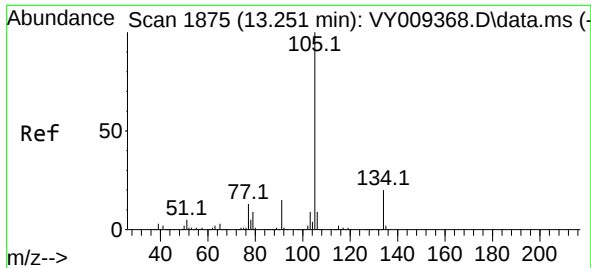
Tgt Ion:119 Resp: 285171
Ion Ratio Lower Upper
119 100
91 63.7 34.8 104.4
134 26.4 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 52.539 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009411.D
Acq: 01 Jul 2022 08:25

Tgt Ion:105 Resp: 325924
Ion Ratio Lower Upper
105 100
120 46.7 22.3 66.9

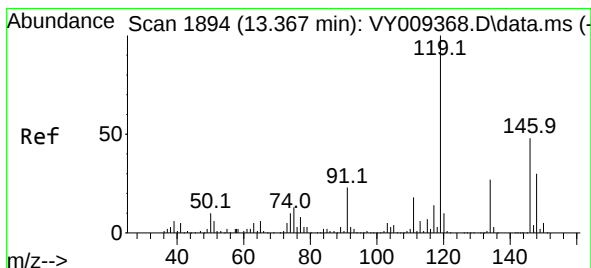
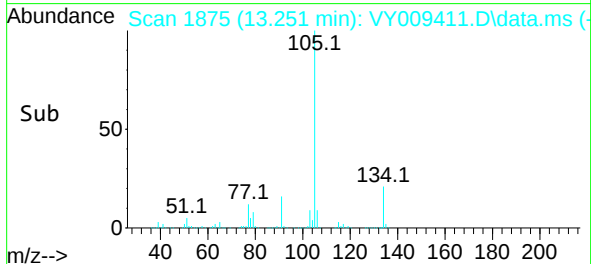
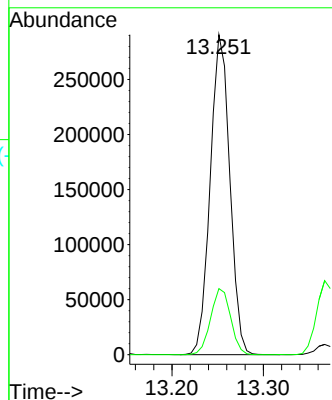
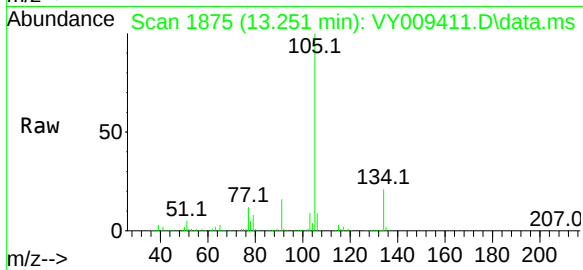




#85
 sec-Butylbenzene
 Concen: 52.309 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY009411.D
 Acq: 01 Jul 2022 08:25

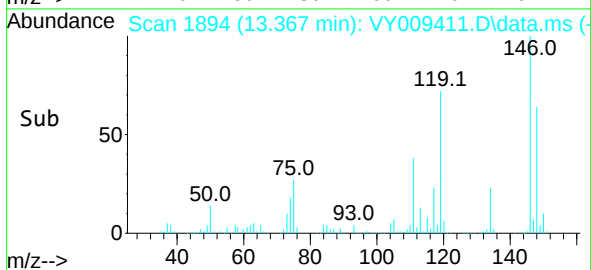
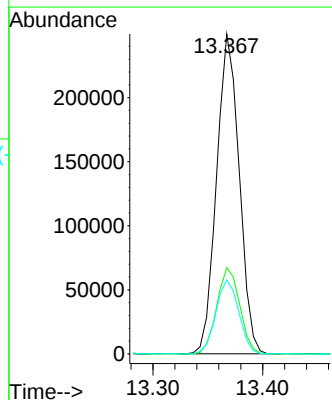
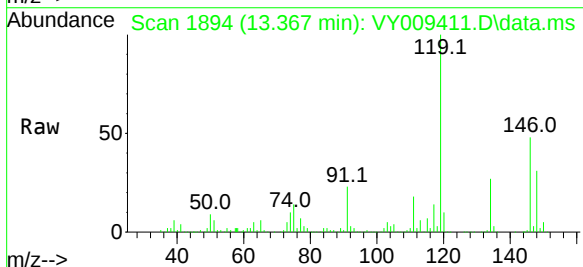
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

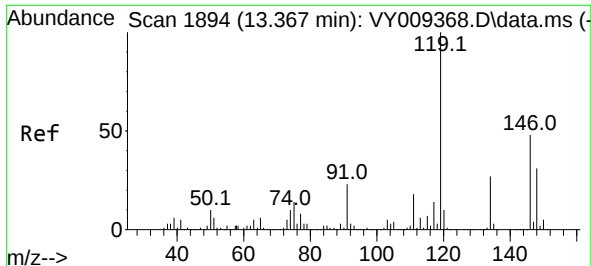
Tgt Ion:105 Resp: 432115
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 51.535 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY009411.D
 Acq: 01 Jul 2022 08:25

Tgt Ion:119 Resp: 357996
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.2 39.5
 91 23.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 49.981 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.006 min

Lab File: VY009411.D

Acq: 01 Jul 2022 08:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

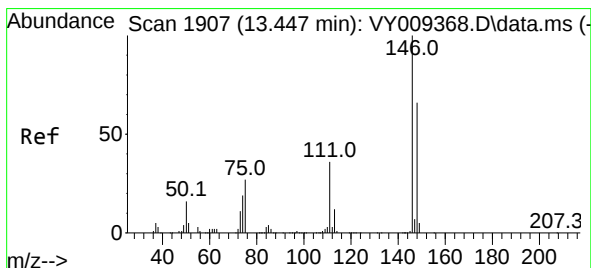
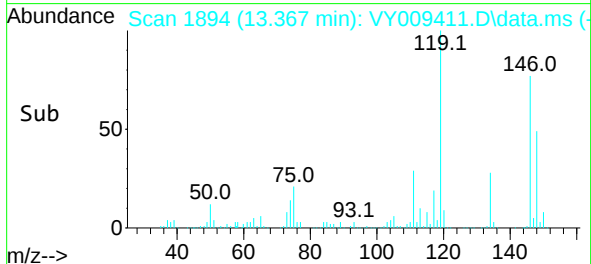
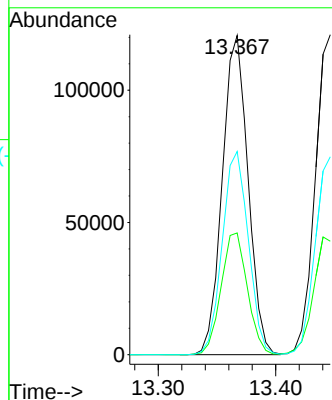
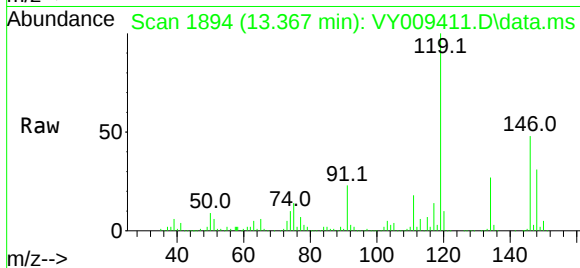
Tgt Ion:146 Resp: 183750

Ion Ratio Lower Upper

146 100

111 39.1 19.5 58.5

148 64.7 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 49.149 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY009411.D

Acq: 01 Jul 2022 08:25

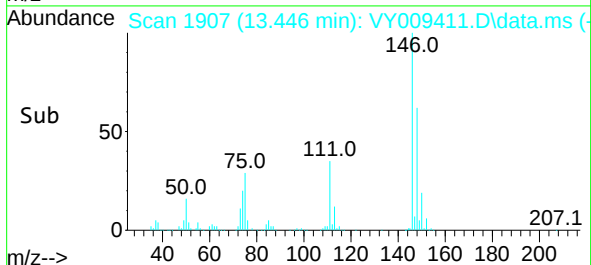
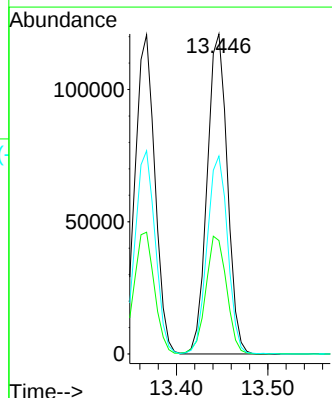
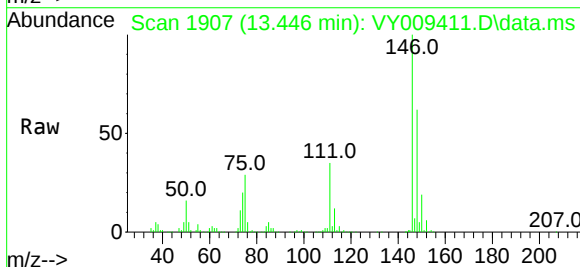
Tgt Ion:146 Resp: 185933

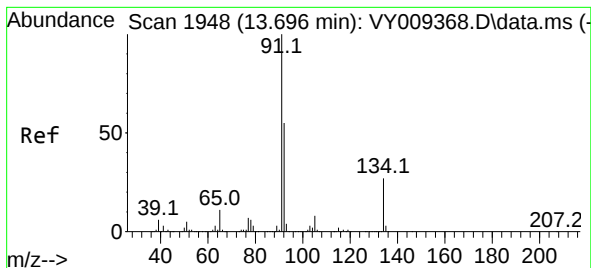
Ion Ratio Lower Upper

146 100

111 37.8 19.3 57.8

148 63.2 32.6 97.8





#89

n-Butylbenzene

Concen: 51.860 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY009411.D

Acq: 01 Jul 2022 08:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

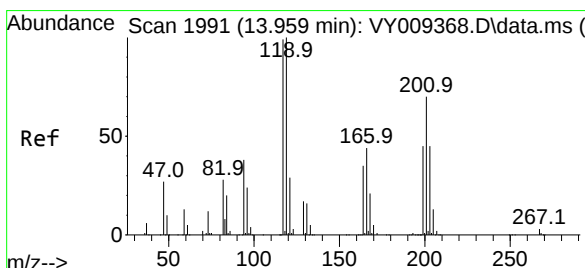
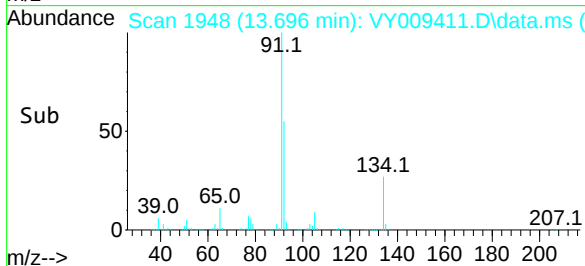
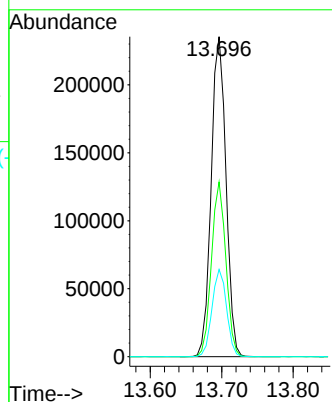
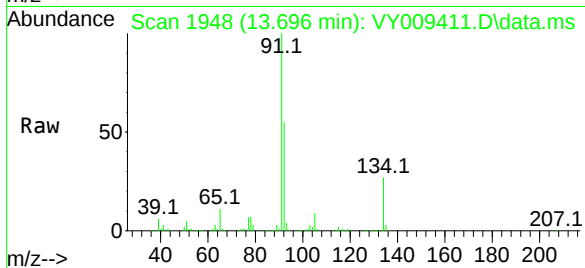
Tgt Ion: 91 Resp: 338494

Ion Ratio Lower Upper

91 100

92 53.1 26.3 78.9

134 26.8 13.0 38.9



#90

Hexachloroethane

Concen: 50.443 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY009411.D

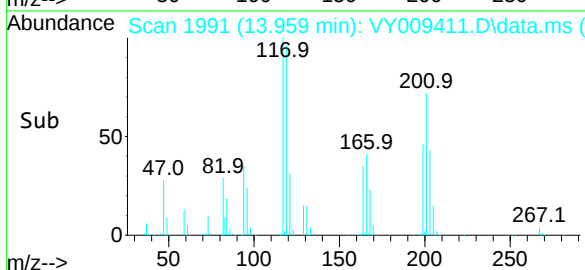
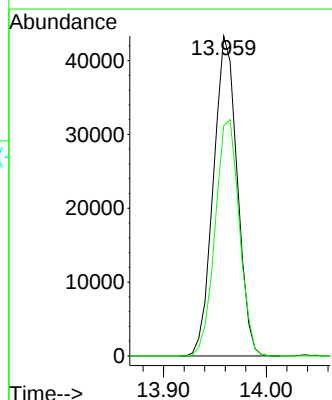
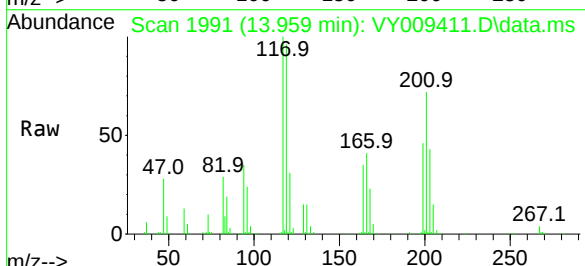
Acq: 01 Jul 2022 08:25

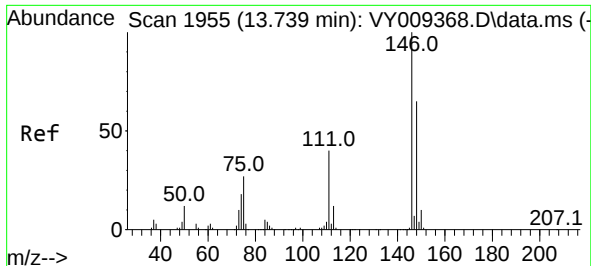
Tgt Ion: 117 Resp: 69474

Ion Ratio Lower Upper

117 100

201 75.2 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 50.351 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY009411.D

Acq: 01 Jul 2022 08:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

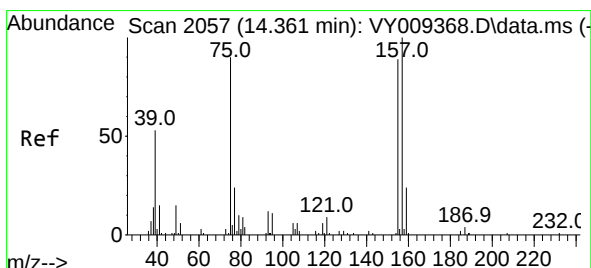
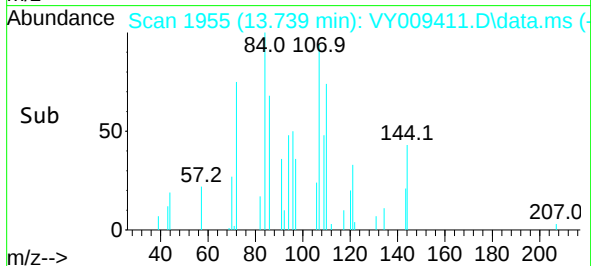
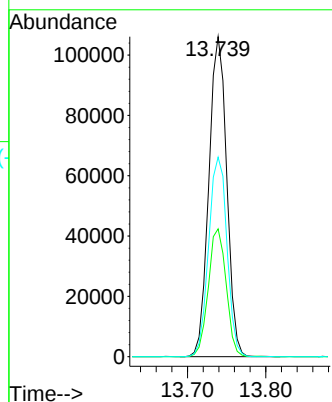
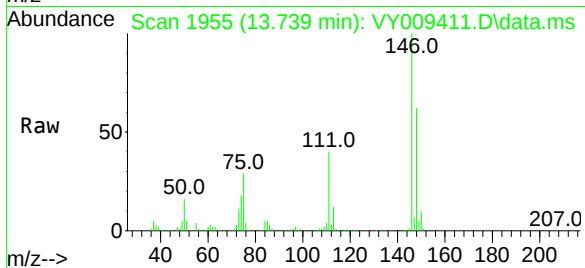
Tgt Ion:146 Resp: 167890

Ion Ratio Lower Upper

146 100

111 39.9 20.3 60.9

148 64.1 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.334 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY009411.D

Acq: 01 Jul 2022 08:25

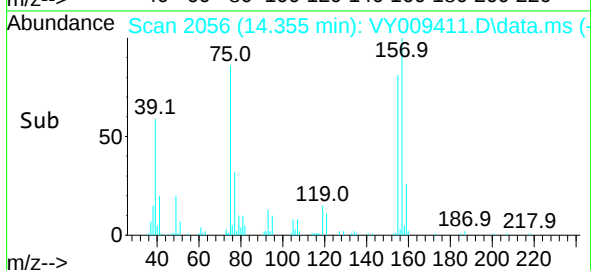
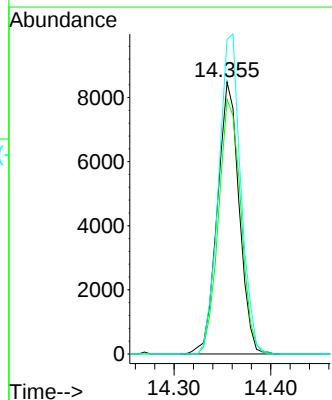
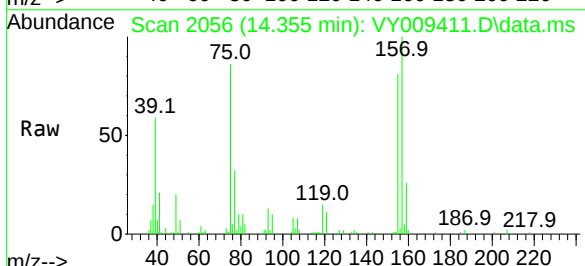
Tgt Ion: 75 Resp: 13263

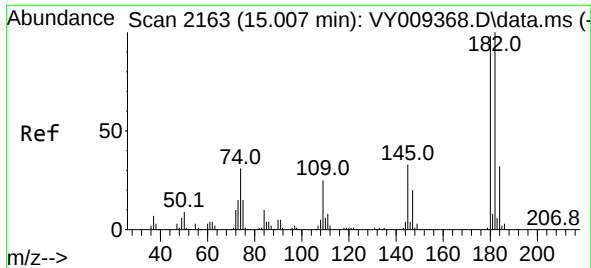
Ion Ratio Lower Upper

75 100

155 95.7 38.0 113.9

157 119.4 47.8 143.3

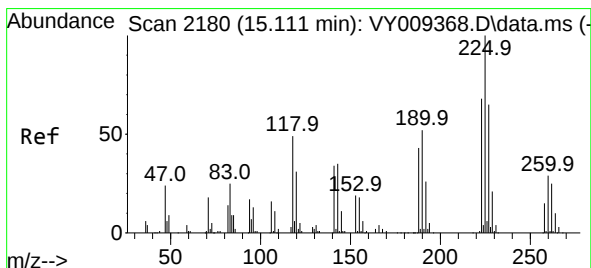
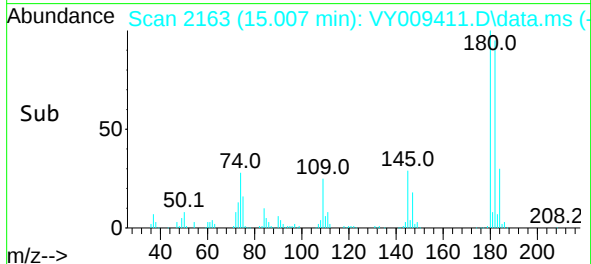
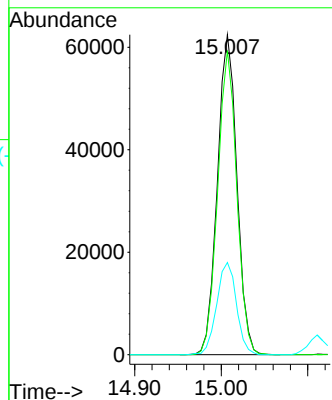
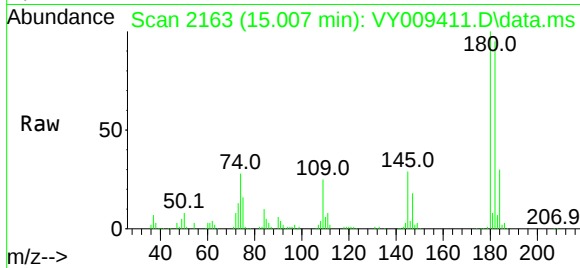




#93
 1,2,4-Trichlorobenzene
 Concen: 49.332 ug/l
 RT: 15.007 min Scan# 2163
 Delta R.T. 0.000 min
 Lab File: VY009411.D
 Acq: 01 Jul 2022 08:25

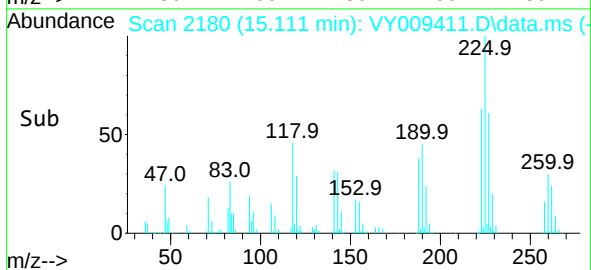
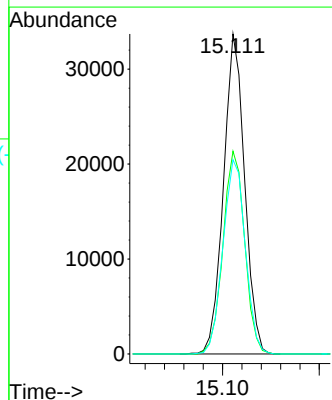
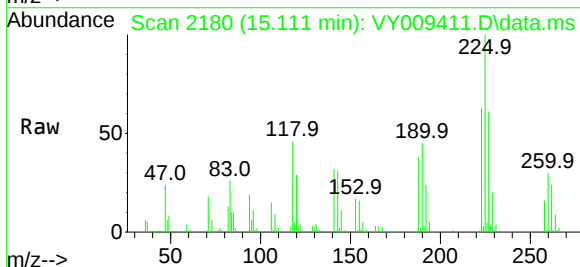
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

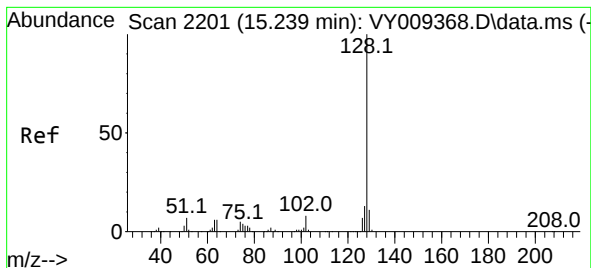
Tgt Ion:180 Resp: 97644
 Ion Ratio Lower Upper
 180 100
 182 93.2 47.3 141.9
 145 29.2 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 45.932 ug/l
 RT: 15.111 min Scan# 2180
 Delta R.T. -0.000 min
 Lab File: VY009411.D
 Acq: 01 Jul 2022 08:25

Tgt Ion:225 Resp: 51037
 Ion Ratio Lower Upper
 225 100
 223 65.0 30.8 92.3
 227 64.2 31.6 94.7





#95

Naphthalene

Concen: 52.209 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY009411.D

Acq: 01 Jul 2022 08:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

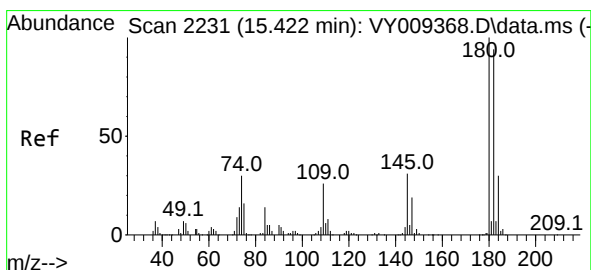
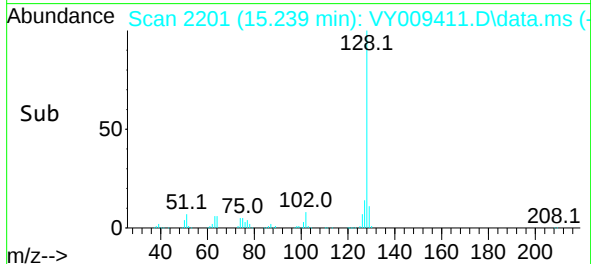
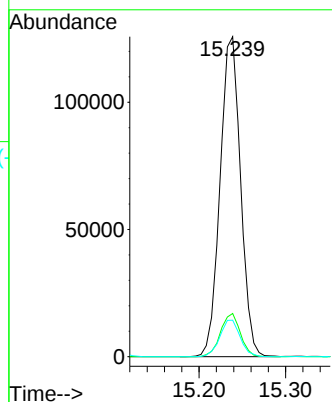
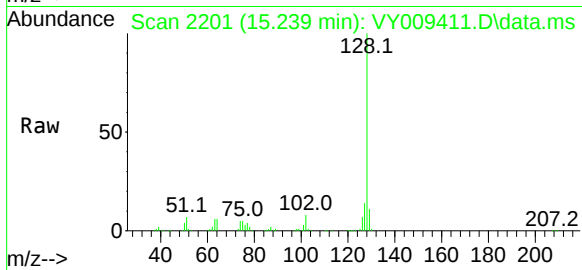
Tgt Ion:128 Resp: 206900

Ion Ratio Lower Upper

128 100

127 13.1 11.0 16.4

129 11.4 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 48.442 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY009411.D

Acq: 01 Jul 2022 08:25

Tgt Ion:180 Resp: 83300

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.9

145 31.4 15.3 45.9

