

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041522\
 Data File : VY008342.D
 Acq On : 15 Apr 2022 10:32
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 16 04:56:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	128666	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	233798	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	208160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	102264	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	55994	46.330	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.660%
35) Dibromofluoromethane	7.716	113	60901	45.099	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.200%
50) Toluene-d8	10.179	98	204169	44.186	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.380%
62) 4-Bromofluorobenzene	12.483	95	72553	41.746	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.500%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	47577	44.651	ug/l	100
3) Chloromethane	2.113	50	67795	56.977	ug/l	97
4) Vinyl Chloride	2.253	62	91568	49.955	ug/l	97
5) Bromomethane	2.650	94	78487	55.642	ug/l	96
6) Chloroethane	2.796	64	66929	52.132	ug/l	100
7) Trichlorofluoromethane	3.125	101	111512	51.127	ug/l	95
8) Diethyl Ether	3.527	74	40093	50.865	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.899	101	72082	50.878	ug/l	93
10) Methyl Iodide	4.088	142	85018	53.520	ug/l	89
11) Tert butyl alcohol	4.948	59	35562	275.231	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	64479	50.808	ug/l #	80
13) Acrolein	3.723	56	22913	225.218	ug/l	100
14) Allyl chloride	4.478	41	89879	54.267	ug/l #	91
15) Acrylonitrile	5.161	53	100959	261.873	ug/l	99
16) Acetone	3.942	43	80958	278.499	ug/l #	87
17) Carbon Disulfide	4.192	76	152641	45.592	ug/l	100
18) Methyl Acetate	4.478	43	41696	60.649	ug/l #	80
19) Methyl tert-butyl Ether	5.216	73	213123	54.418	ug/l	95
20) Methylene Chloride	4.716	84	81369	53.530	ug/l #	80
21) trans-1,2-Dichloroethene	5.216	96	79038	51.981	ug/l	85
22) Diisopropyl ether	6.118	45	219265	56.113	ug/l #	90
23) Vinyl Acetate	6.057	43	714249	282.098	ug/l #	85
24) 1,1-Dichloroethane	6.015	63	138925	55.387	ug/l	97
25) 2-Butanone	6.984	43	125543	276.193	ug/l #	76
26) 2,2-Dichloropropane	6.978	77	130822	56.636	ug/l	92
27) cis-1,2-Dichloroethene	6.984	96	98954	54.851	ug/l	81
28) Bromochloromethane	7.332	49	53876	56.038	ug/l #	71
29) Tetrahydrofuran	7.338	42	80231	273.386	ug/l #	73
30) Chloroform	7.502	83	157804	56.343	ug/l	99
31) Cyclohexane	7.783	56	102157	46.743	ug/l #	82
32) 1,1,1-Trichloroethane	7.697	97	137146	55.977	ug/l	95
36) 1,1-Dichloropropene	7.917	75	108341	50.243	ug/l	96
37) Ethyl Acetate	7.069	43	56597	50.902	ug/l #	90
38) Carbon Tetrachloride	7.899	117	119495	51.510	ug/l	98
39) Methylcyclohexane	9.179	83	132271	47.674	ug/l #	84
40) Benzene	8.161	78	330479	51.466	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	75407	121.228	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	95295	51.153	ug/l	90
43) Isopropyl Acetate	8.270	43	108598	52.627	ug/l #	85
44) Trichloroethene	8.935	130	93749	51.228	ug/l	98
45) 1,2-Dichloropropane	9.215	63	83229	53.058	ug/l	93
46) Dibromomethane	9.307	93	52794	50.850	ug/l	95
47) Bromodichloromethane	9.496	83	123797	53.020	ug/l	100
48) Methyl methacrylate	9.289	41	45897	52.321	ug/l #	73
49) 1,4-Dioxane	9.295	88	13233	987.671	ug/l #	80
51) 4-Methyl-2-Pentanone	10.069	43	285927	268.340	ug/l #	82
52) Toluene	10.240	92	219054	51.777	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	125696	52.823	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	141073	52.549	ug/l #	82
55) 1,1,2-Trichloroethane	10.642	97	76453	51.623	ug/l	95
56) Ethyl methacrylate	10.508	69	97265	53.568	ug/l #	74
57) 1,3-Dichloropropane	10.788	76	123037	51.734	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	150242	210.063	ug/l	91
59) 2-Hexanone	10.831	43	200647	273.662	ug/l	80
60) Dibromochloromethane	10.983	129	90426	52.270	ug/l	100
61) 1,2-Dibromoethane	11.087	107	72425	50.018	ug/l	100
64) Tetrachloroethene	10.721	164	74318	50.655	ug/l	96
65) Chlorobenzene	11.514	112	246218	54.543	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	94489	56.092	ug/l	97
67) Ethyl Benzene	11.593	91	429098	55.895	ug/l	98
68) m/p-Xylenes	11.703	106	341756	111.937	ug/l	90
69) o-Xylene	12.032	106	163583	55.212	ug/l	92
70) Styrene	12.044	104	283079	57.933	ug/l	94
71) Bromoform	12.209	173	55428	54.587	ug/l #	99
73) Isopropylbenzene	12.331	105	432004	56.819	ug/l	100
74) N-amyl acetate	12.142	43	96831	58.661	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.581	83	90508	56.258	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	111123	98.251	ug/l #	100
77) Bromobenzene	12.611	156	98850	53.056	ug/l	95
78) n-propylbenzene	12.672	91	511725	57.037	ug/l	98
79) 2-Chlorotoluene	12.757	91	286881	56.977	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	360483	57.821	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	30207	59.758	ug/l #	81
82) 4-Chlorotoluene	12.855	91	302486	58.460	ug/l	96
83) tert-Butylbenzene	13.075	119	323080	57.765	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	360257	58.390	ug/l	96
85) sec-Butylbenzene	13.251	105	478867	57.751	ug/l	99
86) p-Isopropyltoluene	13.373	119	405429	58.593	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	210238	56.976	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	205260	56.205	ug/l	98
89) n-Butylbenzene	13.696	91	358617	57.363	ug/l	99
90) Hexachloroethane	13.965	117	73018	56.460	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	183763	55.977	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12861	55.874	ug/l	74
93) 1,2,4-Trichlorobenzene	15.007	180	96361	49.627	ug/l	99
94) Hexachlorobutadiene	15.111	225	47630	48.318	ug/l	98
95) Naphthalene	15.239	128	212887	51.184	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	82059	48.294	ug/l	99

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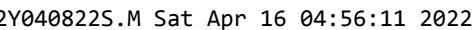
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

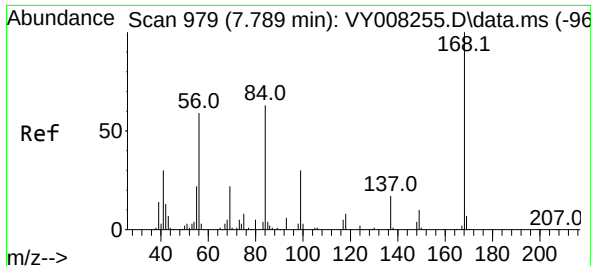
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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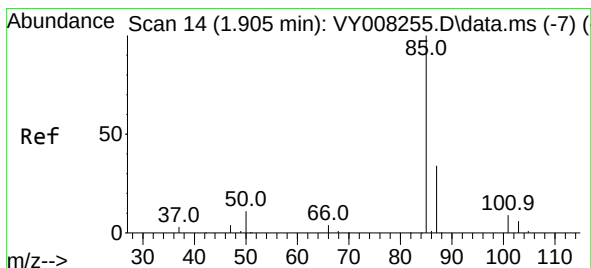
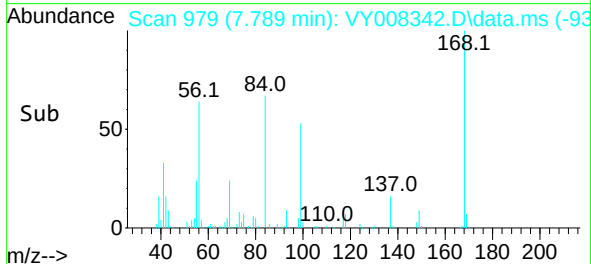
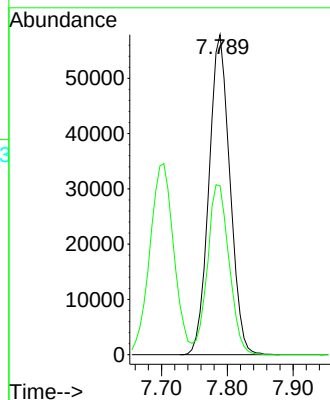
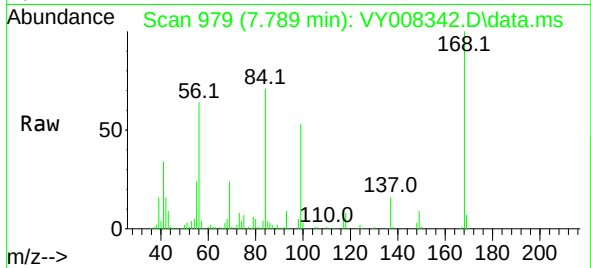




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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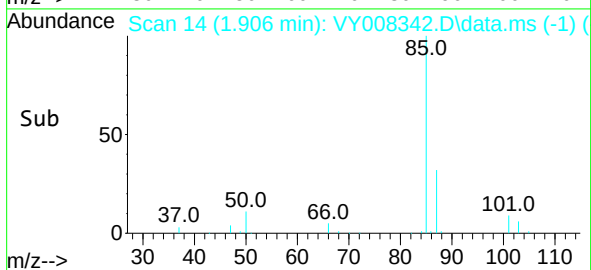
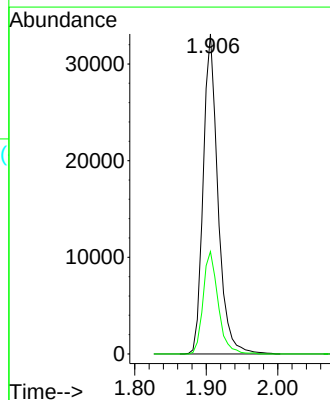
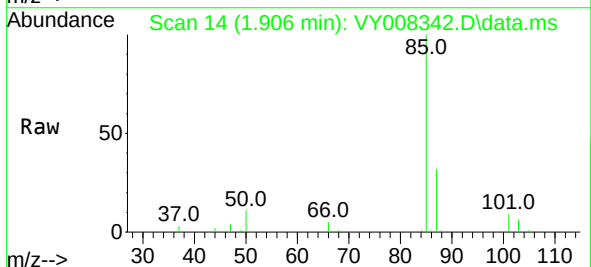
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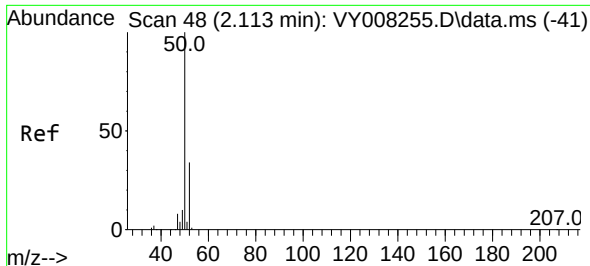
Tgt Ion:168 Resp: 128666
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 44.651 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.001 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

Tgt Ion: 85 Resp: 47577
Ion Ratio Lower Upper
85 100
87 32.0 16.1 48.2

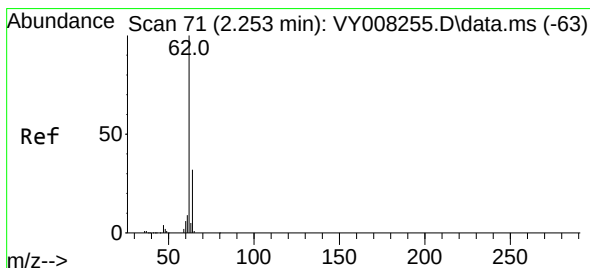
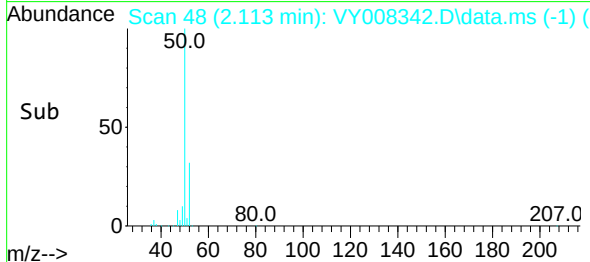
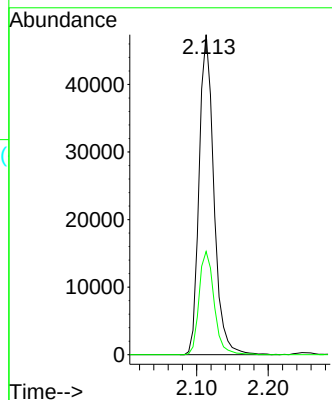
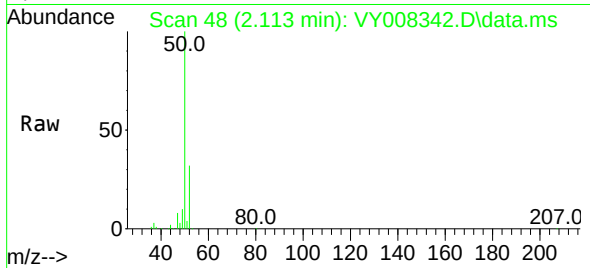




#3
Chloromethane
Concen: 56.977 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

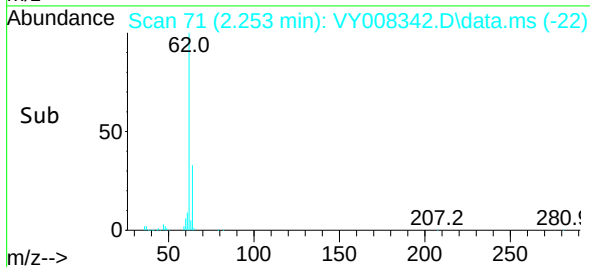
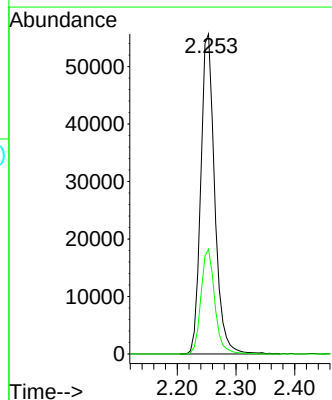
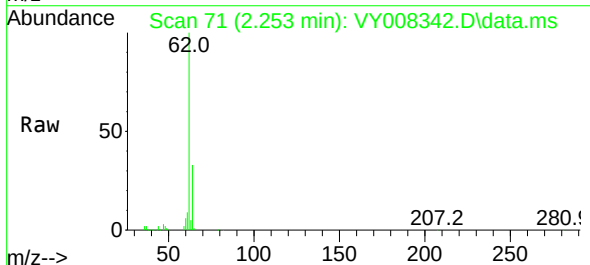
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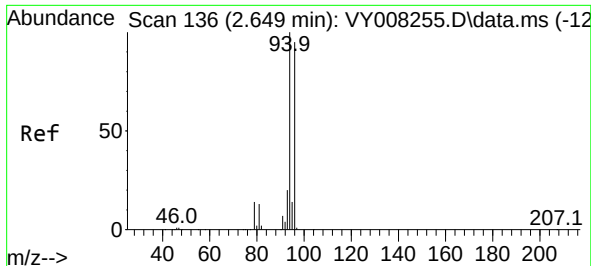
Tgt Ion: 50 Resp: 67795
Ion Ratio Lower Upper
50 100
52 32.2 24.6 37.0



#4
Vinyl Chloride
Concen: 49.955 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

Tgt Ion: 62 Resp: 91568
Ion Ratio Lower Upper
62 100
64 32.7 25.0 37.6

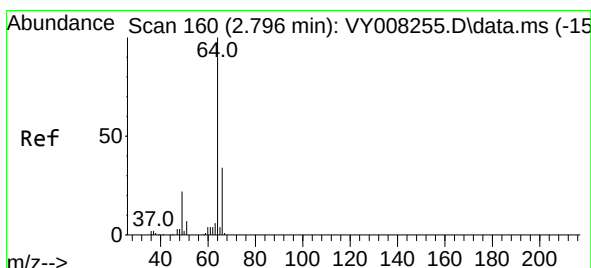
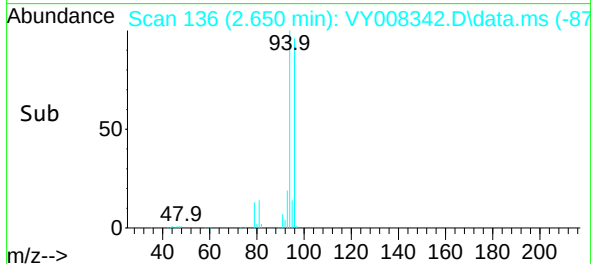
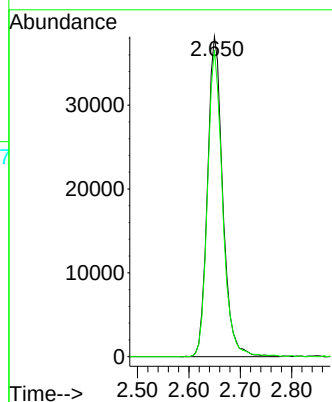
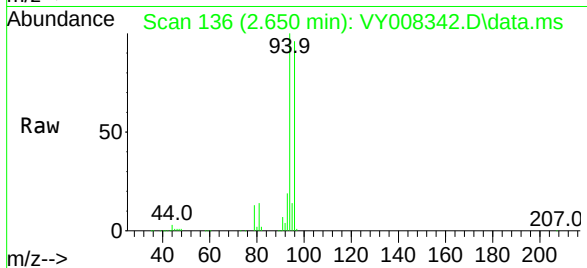




#5
Bromomethane
Concen: 55.642 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

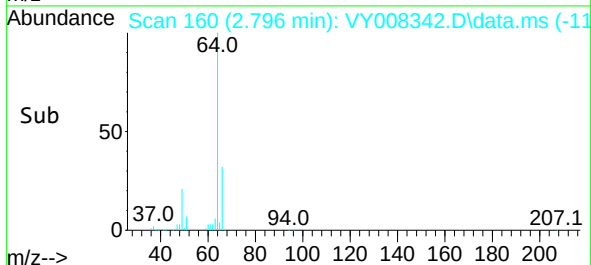
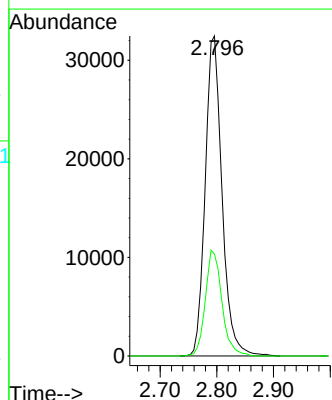
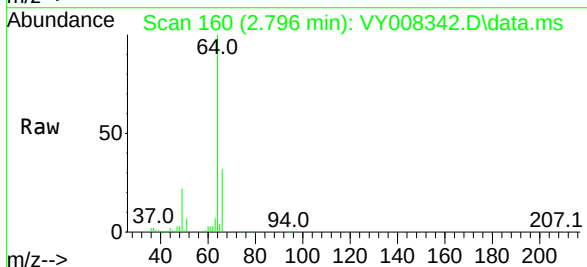
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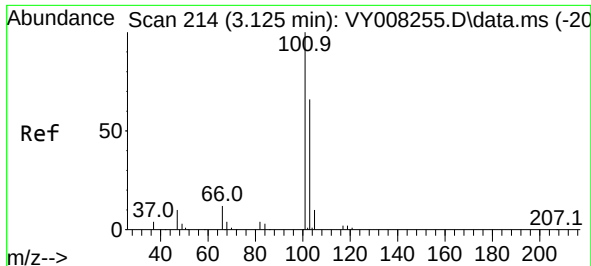
Tgt Ion: 94 Resp: 78487
Ion Ratio Lower Upper
94 100
96 95.7 73.5 110.3



#6
Chloroethane
Concen: 52.132 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

Tgt Ion: 64 Resp: 66929
Ion Ratio Lower Upper
64 100
66 31.9 25.4 38.0

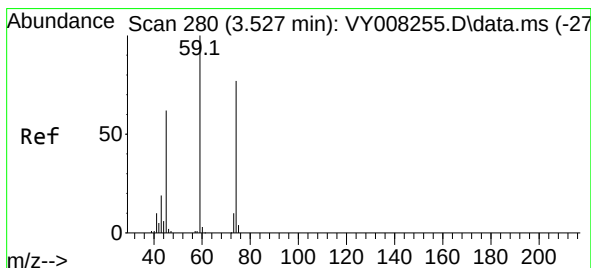
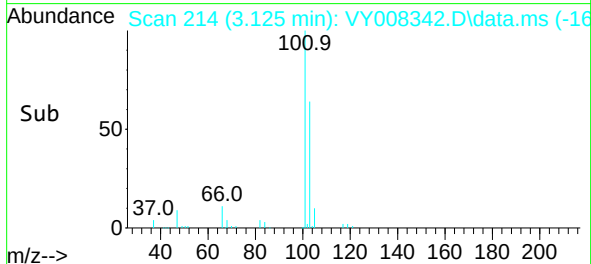
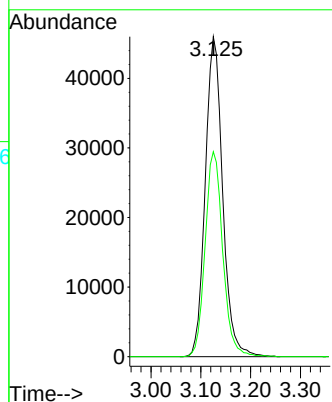
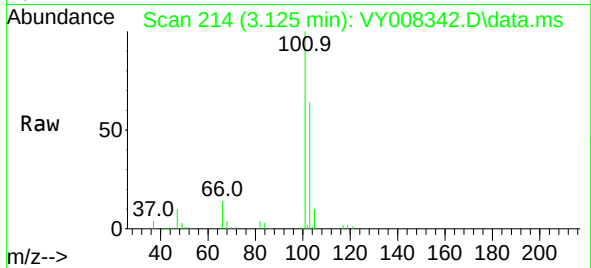




#7
 Trichlorofluoromethane
 Concen: 51.127 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
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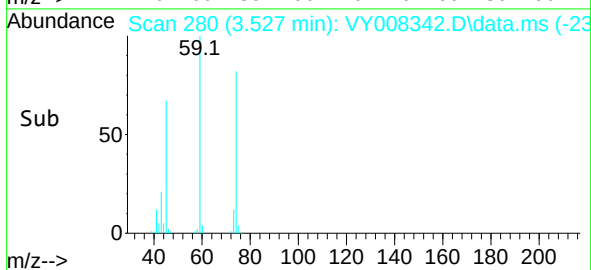
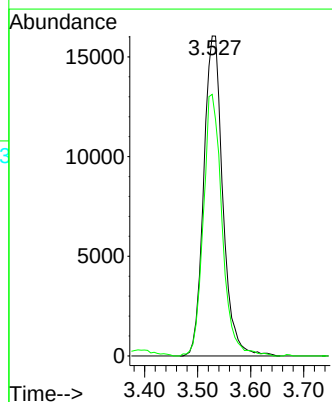
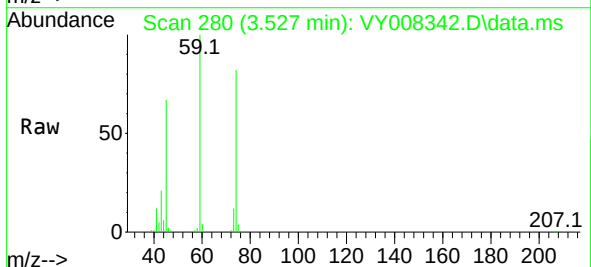
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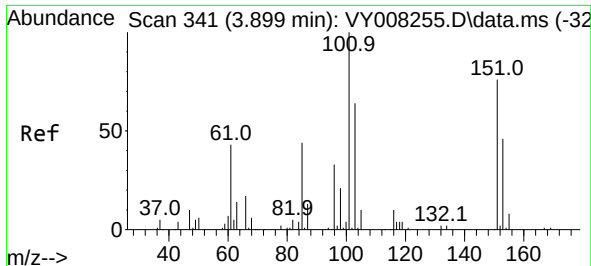
Tgt Ion:101 Resp: 111512
 Ion Ratio Lower Upper
 101 100
 103 64.0 48.0 72.0



#8
 Diethyl Ether
 Concen: 50.865 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY008342.D
 Acq: 15 Apr 2022 10:32

Tgt Ion: 74 Resp: 40093
 Ion Ratio Lower Upper
 74 100
 45 80.6 55.1 165.5

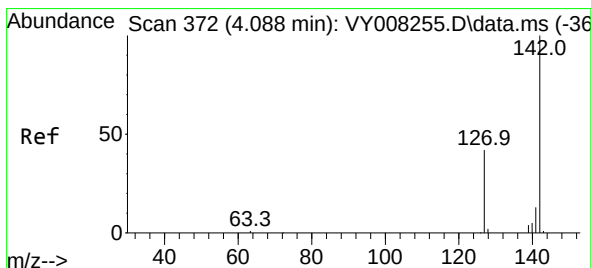
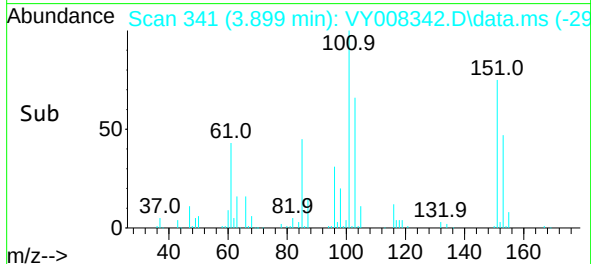
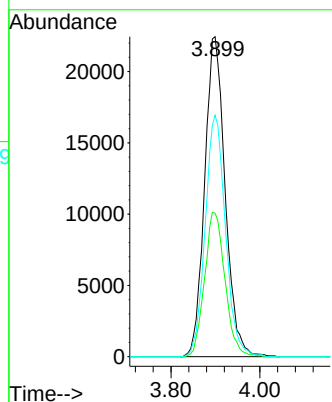
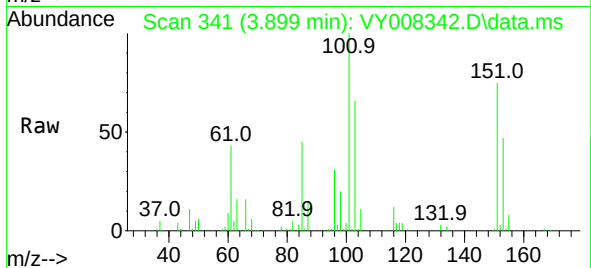




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.878 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY008342.D
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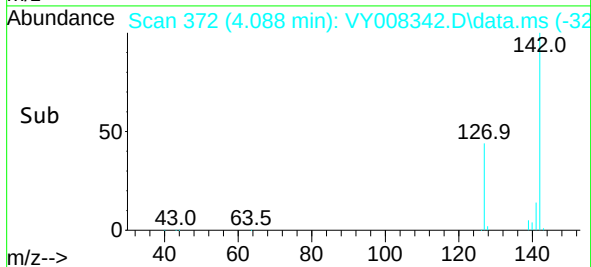
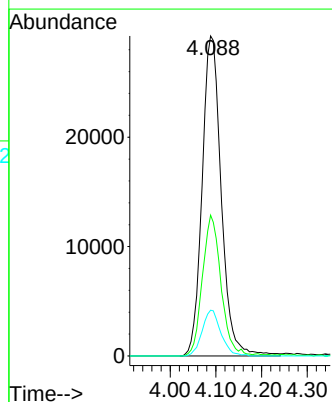
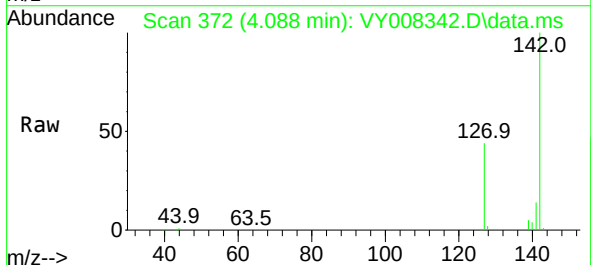
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

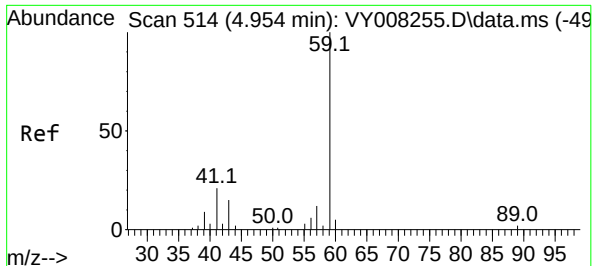
Tgt Ion:101 Resp: 72082
Ion Ratio Lower Upper
101 100
85 45.0 40.6 60.8
151 74.9 64.9 97.3



#10
Methyl Iodide
Concen: 53.520 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

Tgt Ion:142 Resp: 85018
Ion Ratio Lower Upper
142 100
127 42.7 41.5 62.3
141 14.0 11.9 17.9

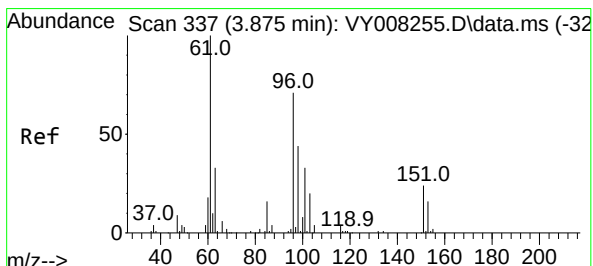
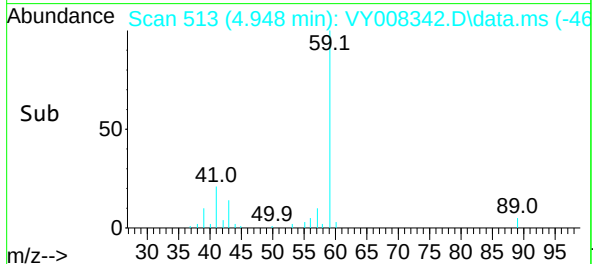
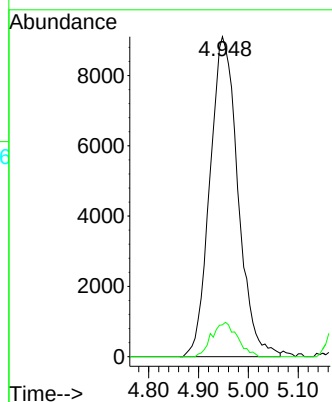
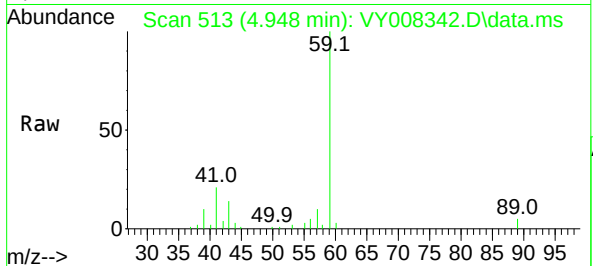




#11
Tert butyl alcohol
Concen: 275.231 ug/l
RT: 4.948 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

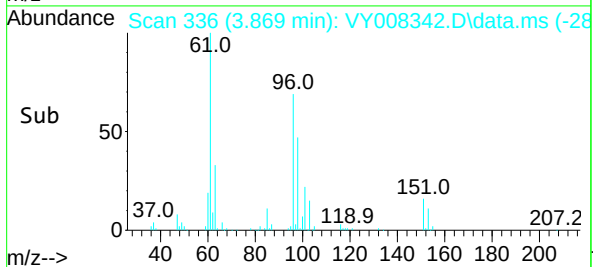
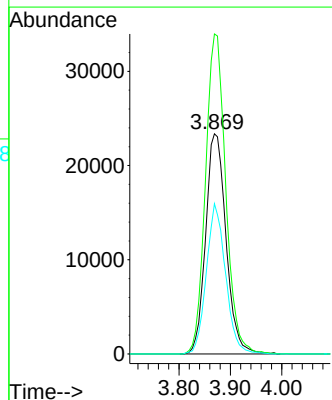
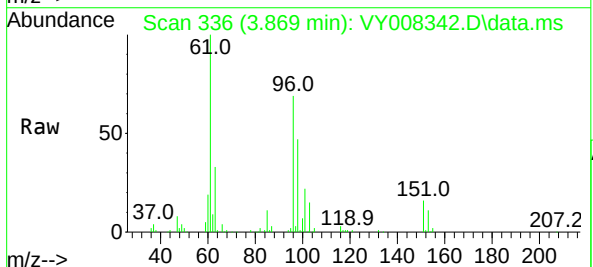
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

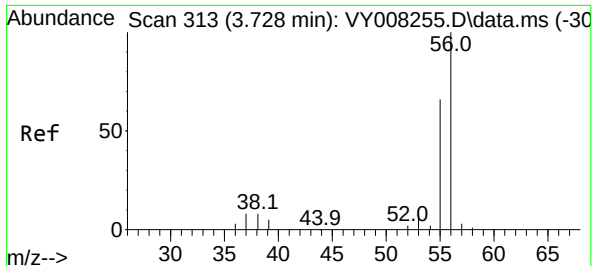
Tgt Ion: 59 Resp: 35562
Ion Ratio Lower Upper
59 100
57 9.8 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 50.808 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

Tgt Ion: 96 Resp: 64479
Ion Ratio Lower Upper
96 100
61 145.3 145.8 218.6#
98 68.2 52.5 78.7

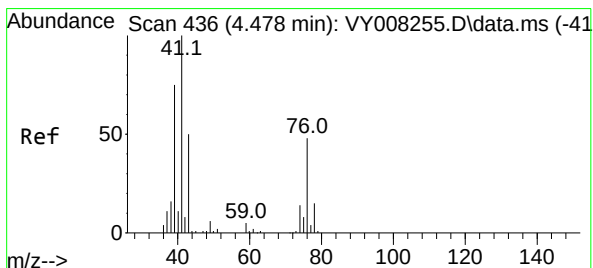
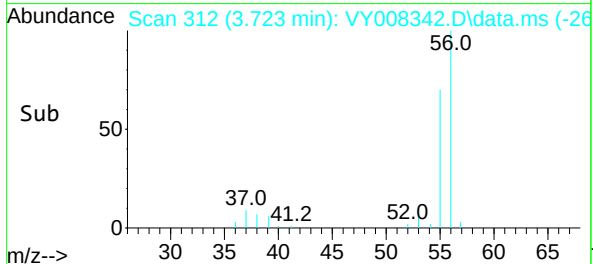
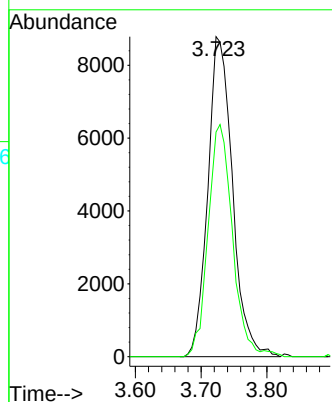
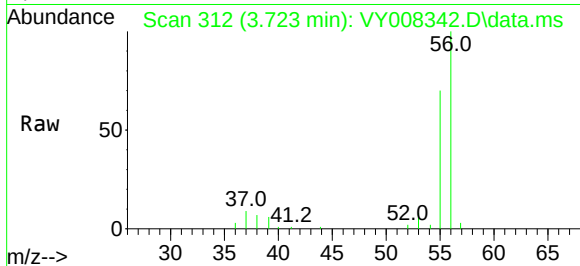




#13
Acrolein
Concen: 225.218 ug/l
RT: 3.723 min Scan# 313
Delta R.T. -0.005 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

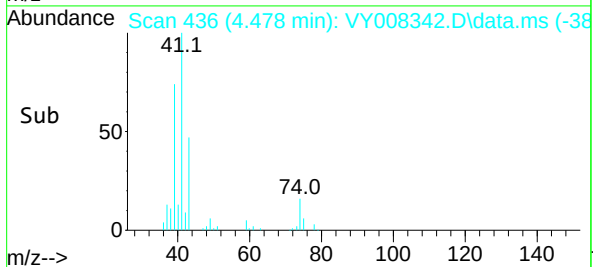
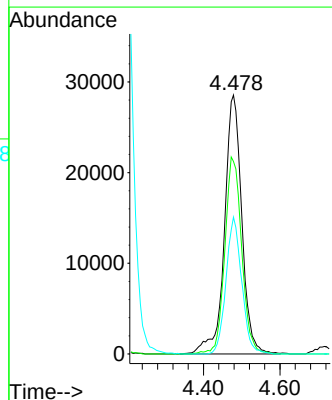
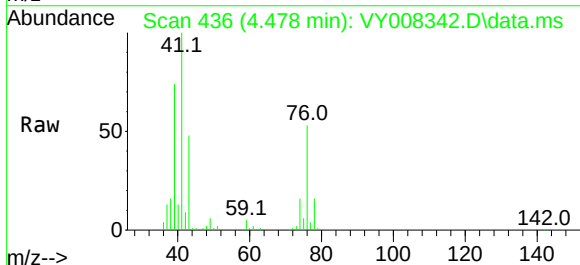
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

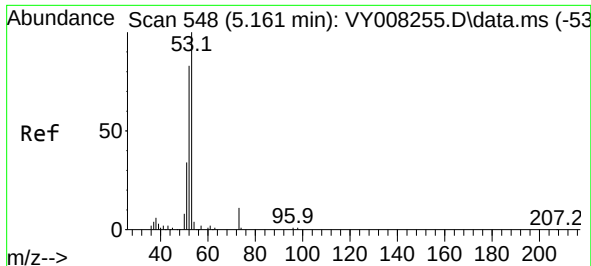
Tgt Ion: 56 Resp: 22913
Ion Ratio Lower Upper
56 100
55 71.9 57.6 86.4



#14
Allyl chloride
Concen: 54.267 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

Tgt Ion: 41 Resp: 89879
Ion Ratio Lower Upper
41 100
39 74.1 58.8 88.2
76 47.9 25.1 37.7#

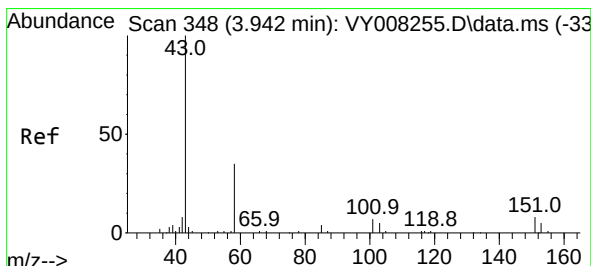
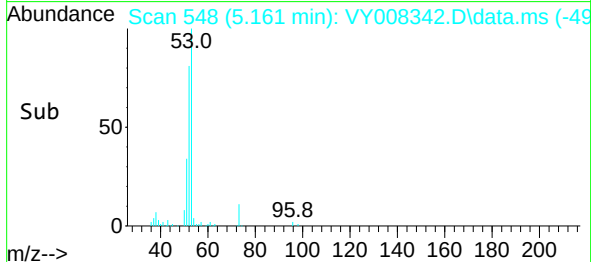
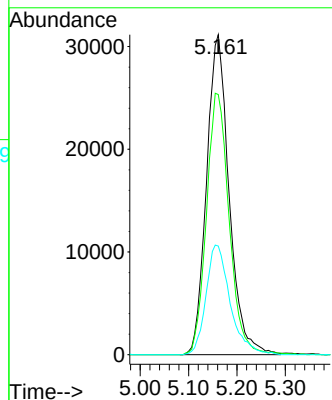
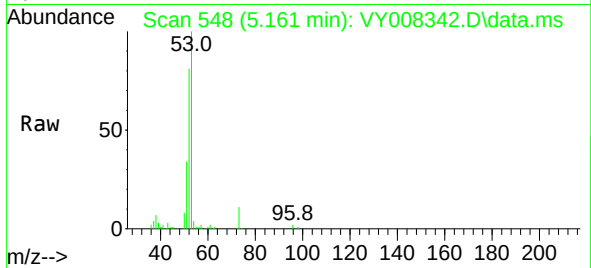




#15
Acrylonitrile
Concen: 261.873 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

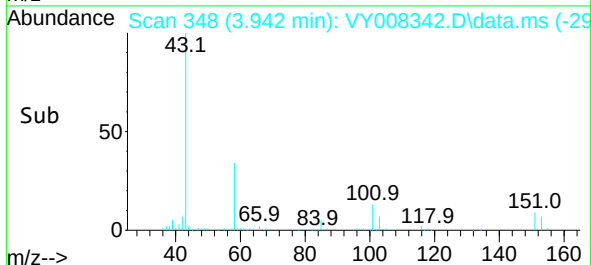
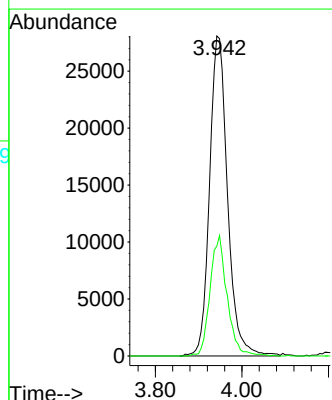
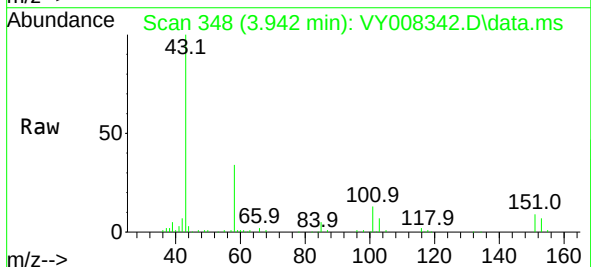
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

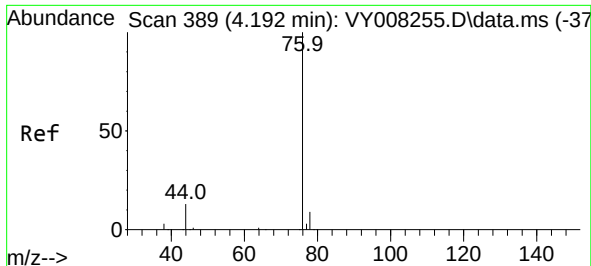
Tgt Ion: 53 Resp: 100959
Ion Ratio Lower Upper
53 100
52 82.4 67.0 100.4
51 36.7 29.8 44.6



#16
Acetone
Concen: 278.499 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

Tgt Ion: 43 Resp: 80958
Ion Ratio Lower Upper
43 100
58 34.3 22.0 33.0#

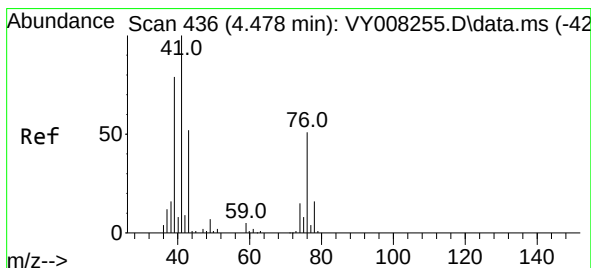
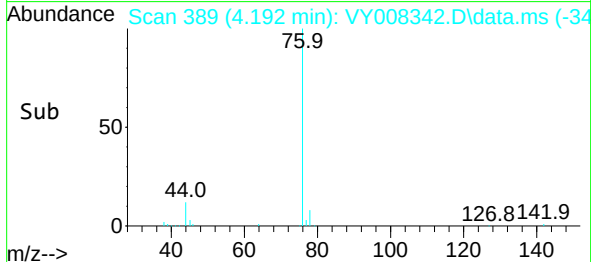
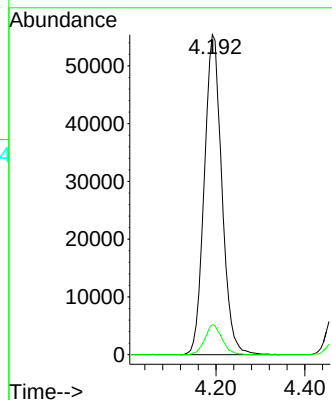
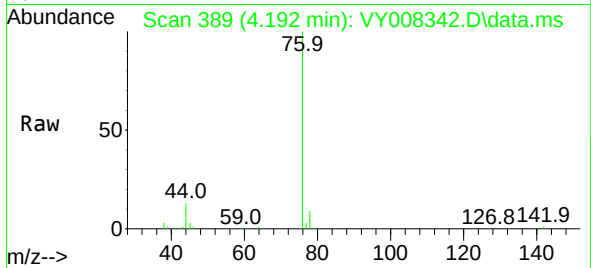




#17
Carbon Disulfide
Concen: 45.592 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

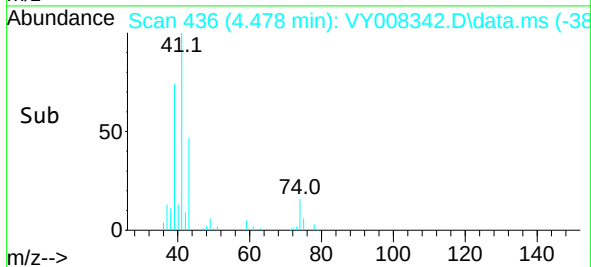
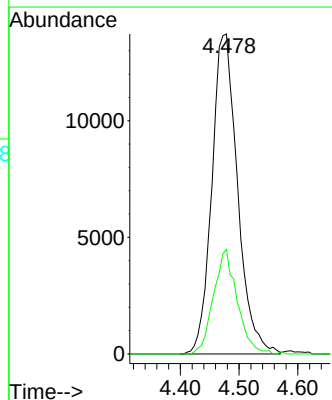
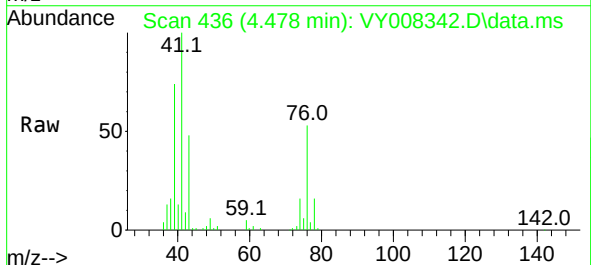
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

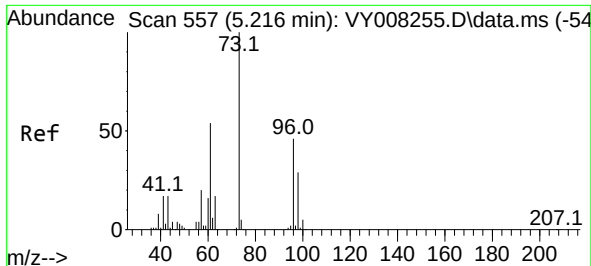
Tgt Ion: 76 Resp: 152641
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 60.649 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

Tgt Ion: 43 Resp: 41696
Ion Ratio Lower Upper
43 100
74 30.0 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 54.418 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY008342.D

Acq: 15 Apr 2022 10:32

Instrument :

MSVOA_Y

ClientSampleId :

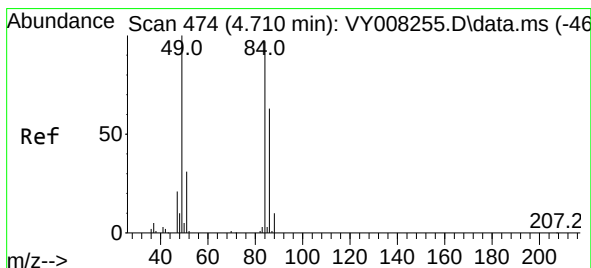
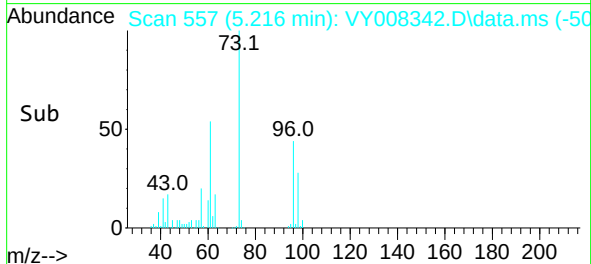
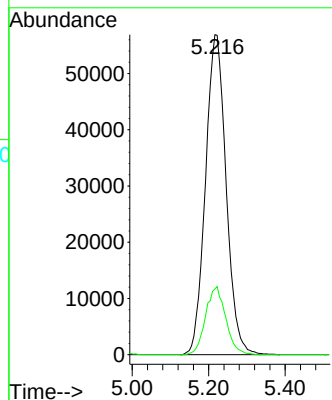
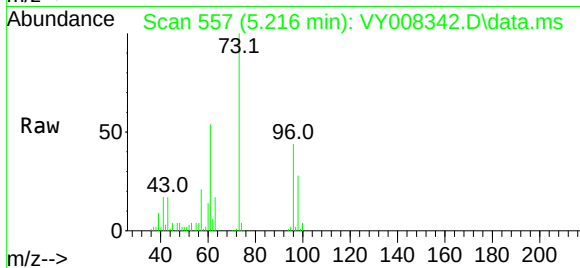
VSTDCCC050

Tgt Ion: 73 Resp: 213123

Ion Ratio Lower Upper

73 100

57 20.6 18.6 27.8



#20

Methylene Chloride

Concen: 53.530 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY008342.D

Acq: 15 Apr 2022 10:32

Tgt Ion: 84 Resp: 81369

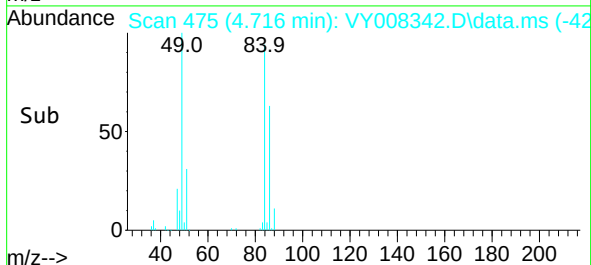
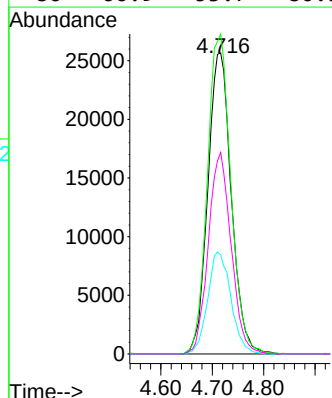
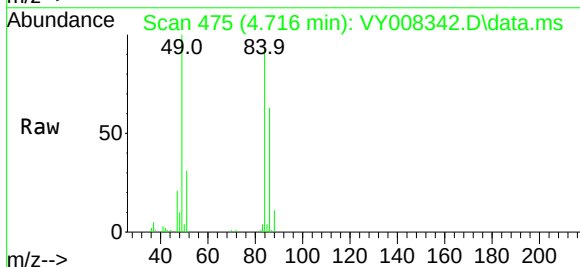
Ion Ratio Lower Upper

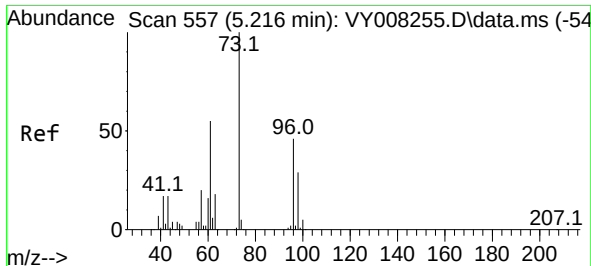
84 100

49 106.3 114.4 171.6#

51 33.0 35.3 52.9#

86 66.9 53.7 80.5

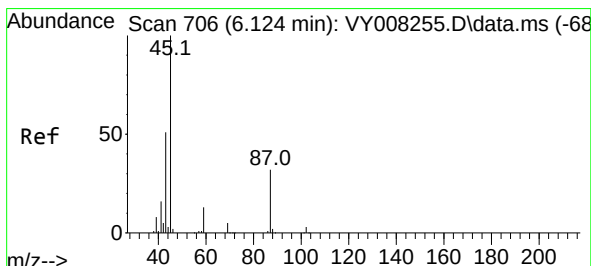
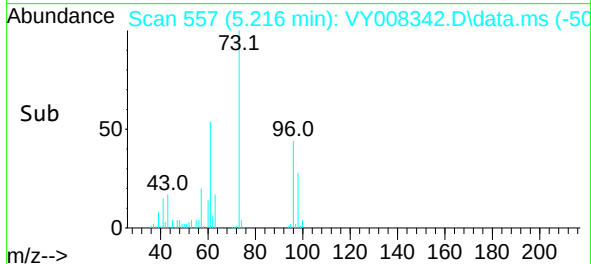
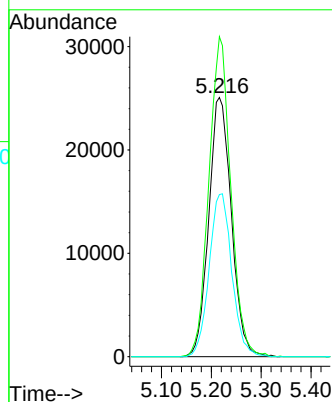
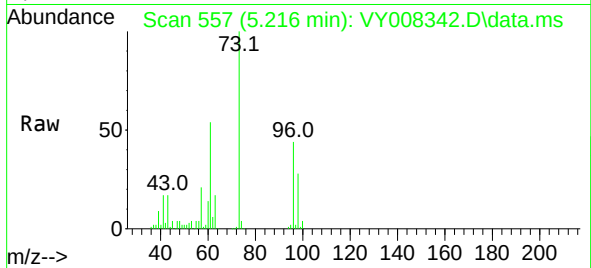




#21
trans-1,2-Dichloroethene
Concen: 51.981 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

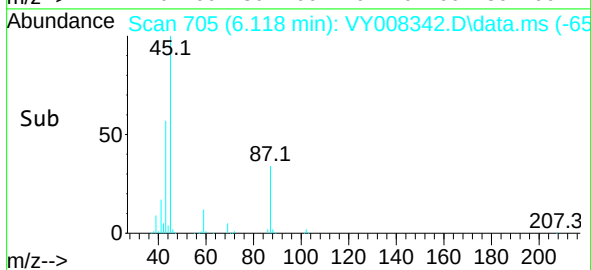
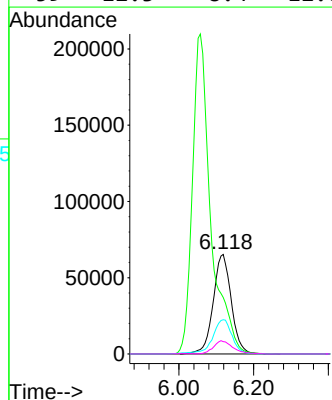
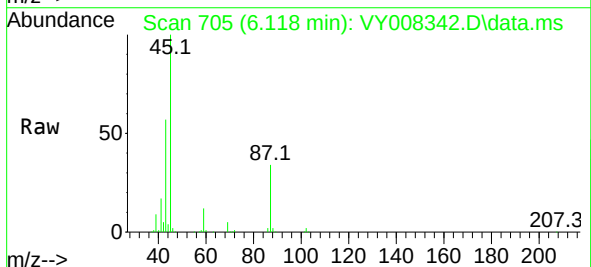
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

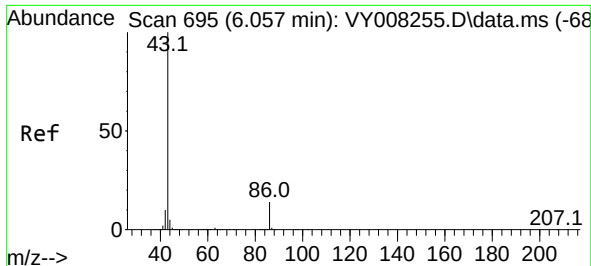
Tgt Ion: 96 Resp: 79038
Ion Ratio Lower Upper
96 100
61 123.4 120.5 180.7
98 62.5 49.8 74.8



#22
Diisopropyl ether
Concen: 56.113 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

Tgt Ion: 45 Resp: 219265
Ion Ratio Lower Upper
45 100
43 56.4 49.3 73.9
87 34.4 19.2 28.8#
59 12.3 8.4 12.6

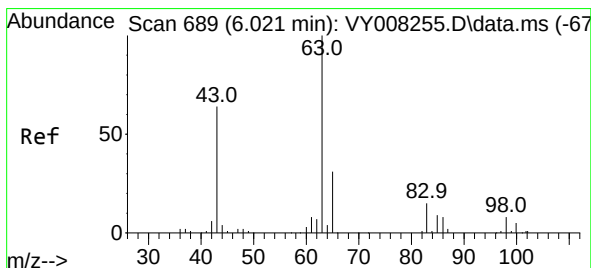
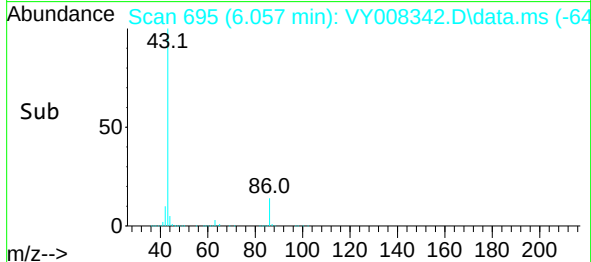
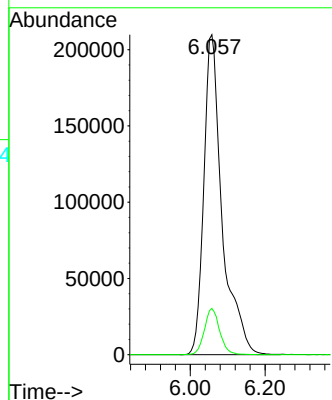
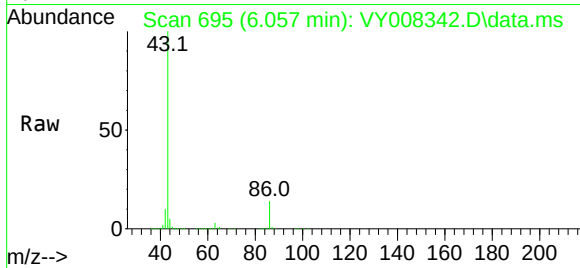




#23
 Vinyl Acetate
 Concen: 282.098 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY008342.D
 Acq: 15 Apr 2022 10:32

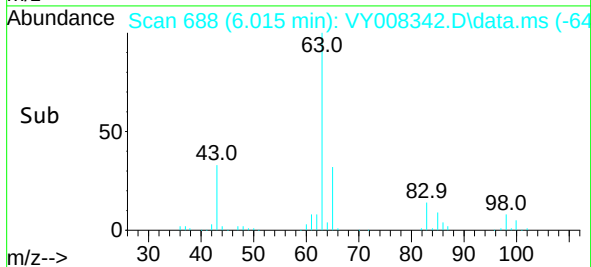
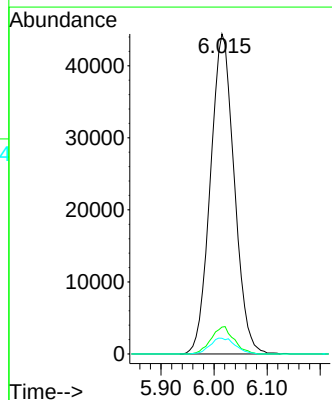
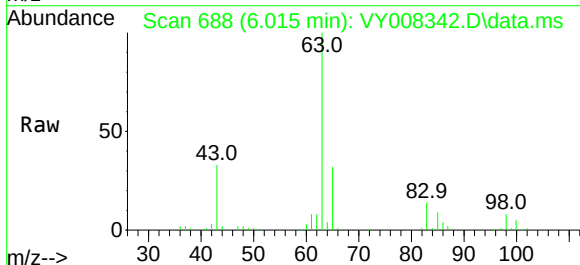
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

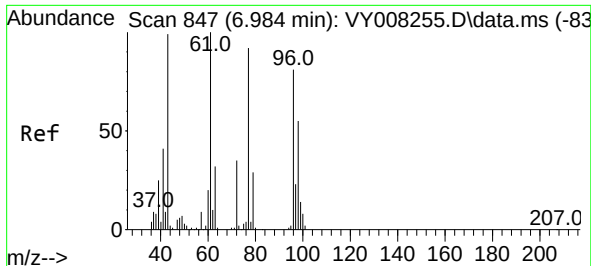
Tgt Ion: 43 Resp: 714249
 Ion Ratio Lower Upper
 43 100
 86 14.5 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 55.387 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY008342.D
 Acq: 15 Apr 2022 10:32

Tgt Ion: 63 Resp: 138925
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.6 10.8
 100 4.9 2.0 5.8





#25

2-Butanone

Concen: 276.193 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008342.D

Acq: 15 Apr 2022 10:32

Instrument :

MSVOA_Y

ClientSampleId :

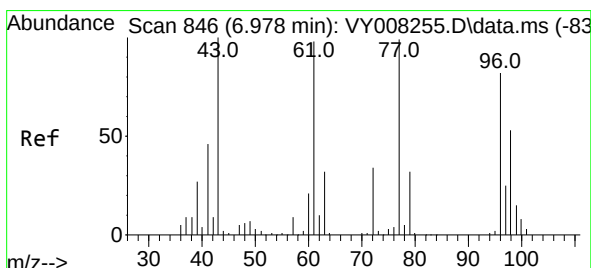
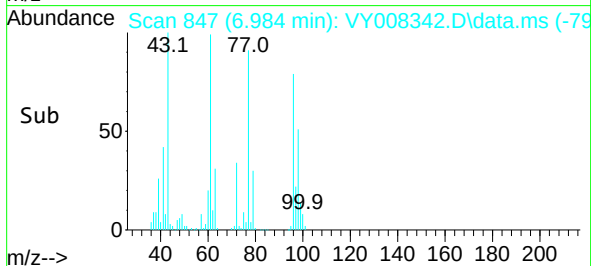
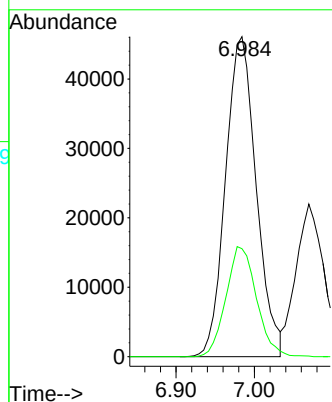
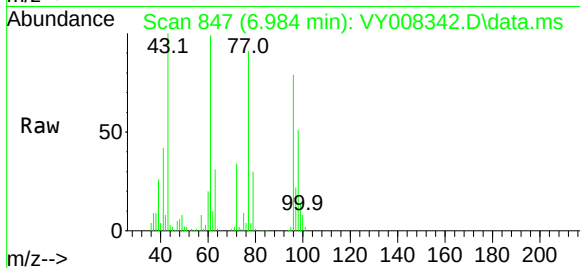
VSTDCCC050

Tgt Ion: 43 Resp: 125543

Ion Ratio Lower Upper

43 100

72 33.8 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 56.636 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY008342.D

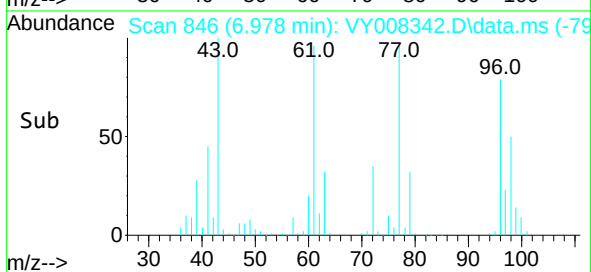
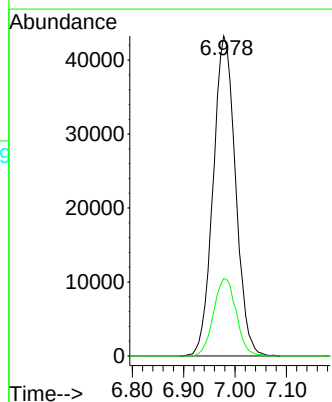
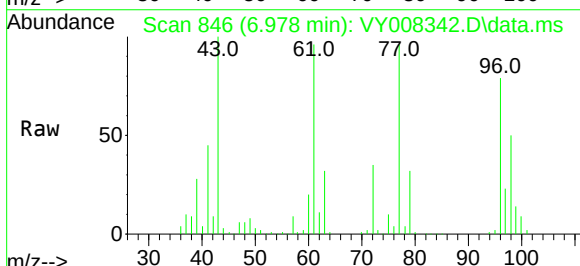
Acq: 15 Apr 2022 10:32

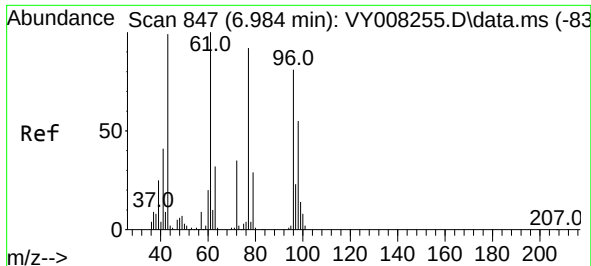
Tgt Ion: 77 Resp: 130822

Ion Ratio Lower Upper

77 100

97 24.5 10.4 31.4

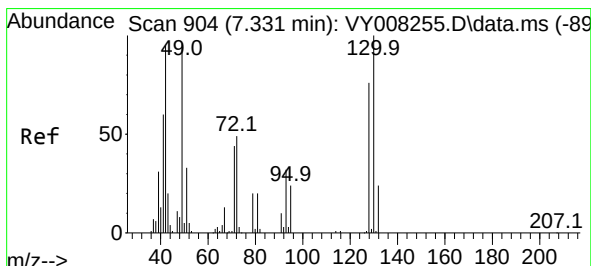
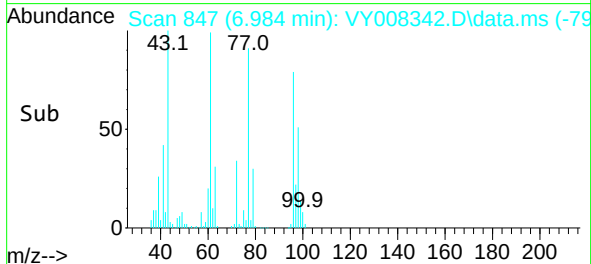
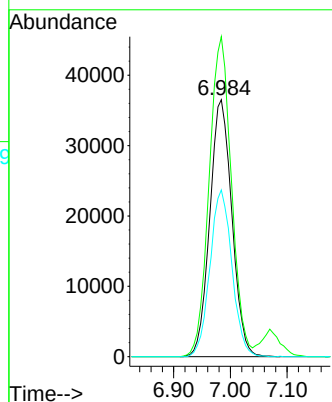
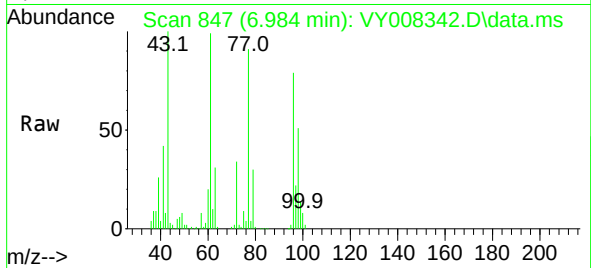




#27
 cis-1,2-Dichloroethene
 Concen: 54.851 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY008342.D
 Acq: 15 Apr 2022 10:32

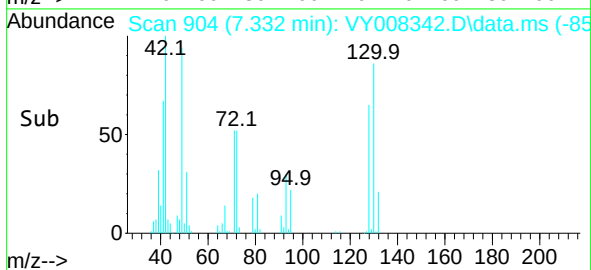
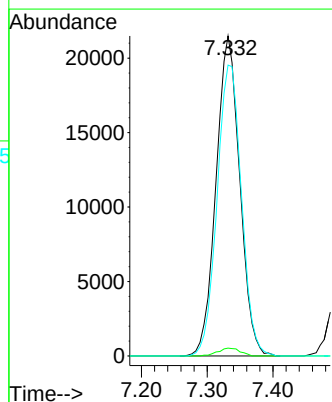
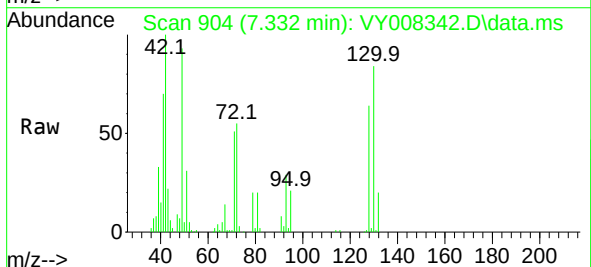
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

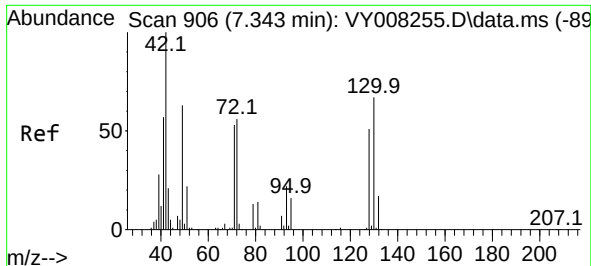
Tgt Ion: 96 Resp: 98954
 Ion Ratio Lower Upper
 96 100
 61 125.5 0.0 319.8
 98 64.4 0.0 127.0



#28
 Bromochloromethane
 Concen: 56.038 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.001 min
 Lab File: VY008342.D
 Acq: 15 Apr 2022 10:32

Tgt Ion: 49 Resp: 53876
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 2.2#
 130 93.5 55.4 83.0#





#29

Tetrahydrofuran

Concen: 273.386 ug/l

RT: 7.338 min Scan# 906

Delta R.T. -0.005 min

Lab File: VY008342.D

Acq: 15 Apr 2022 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

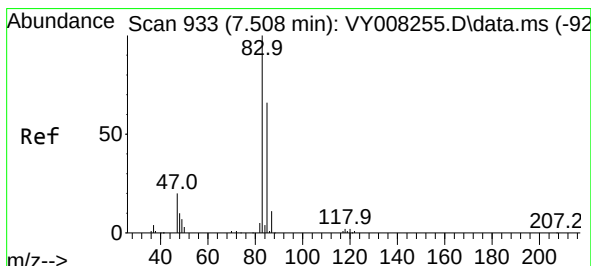
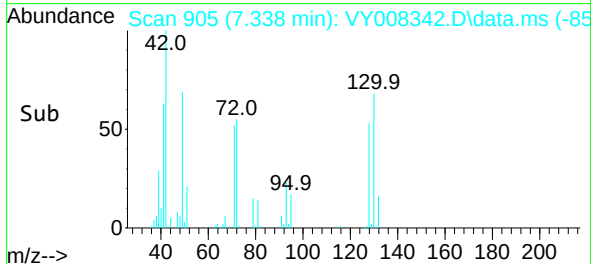
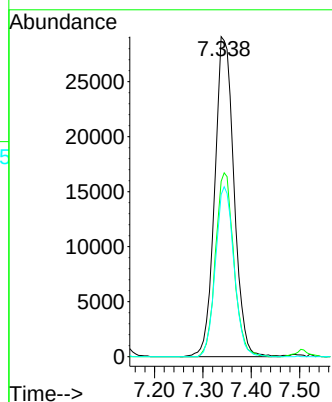
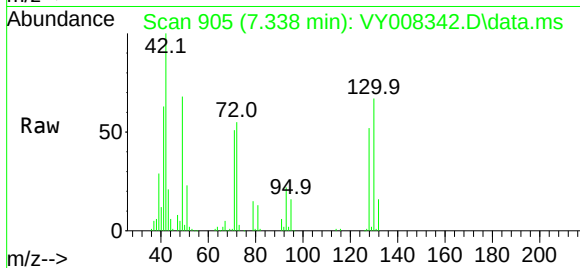
Tgt Ion: 42 Resp: 80231

Ion Ratio Lower Upper

42 100

72 54.6 30.3 45.5#

71 51.2 29.0 43.4#



#30

Chloroform

Concen: 56.343 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY008342.D

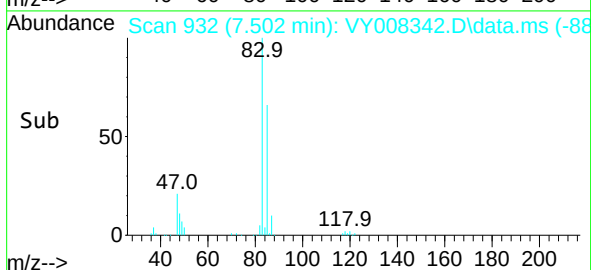
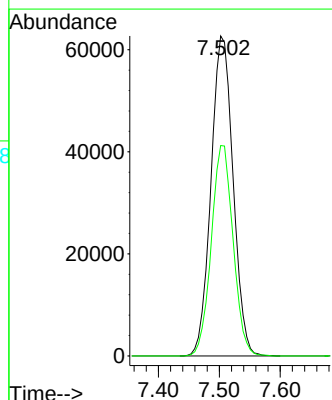
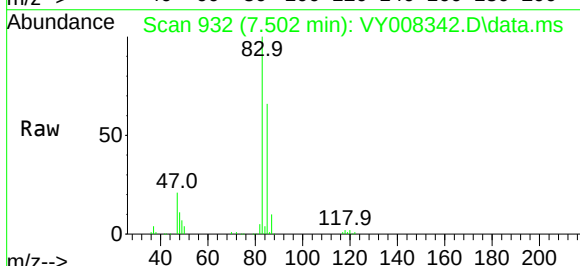
Acq: 15 Apr 2022 10:32

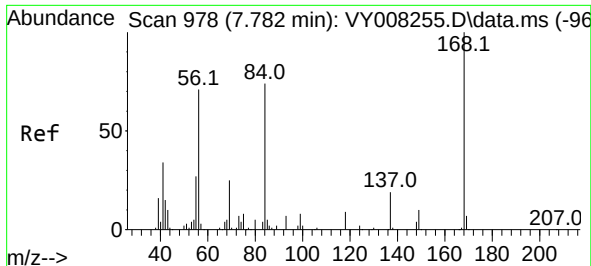
Tgt Ion: 83 Resp: 157804

Ion Ratio Lower Upper

83 100

85 65.8 51.8 77.6

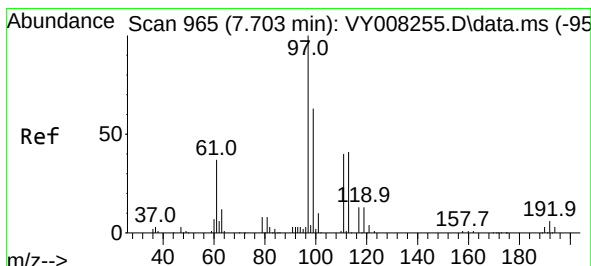
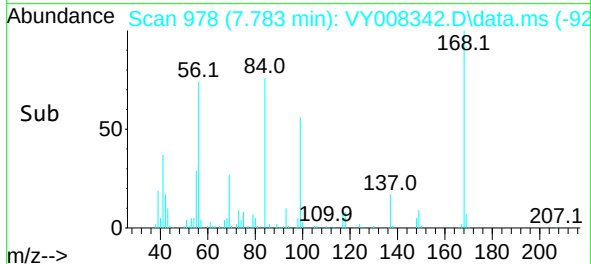
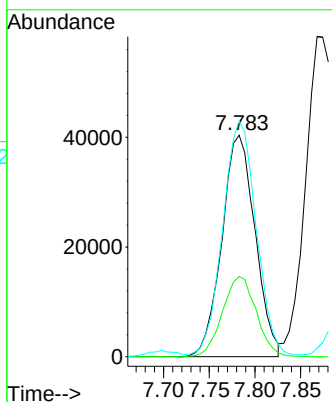
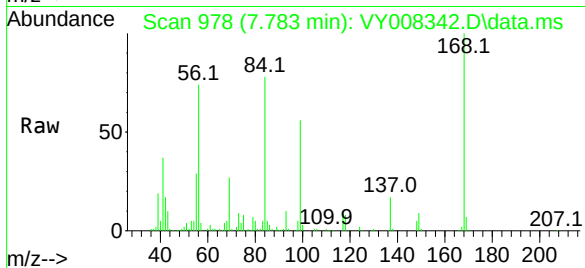




#31
Cyclohexane
Concen: 46.743 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

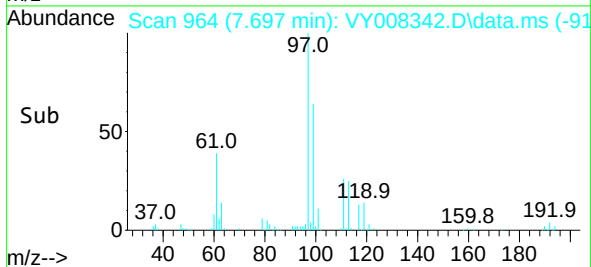
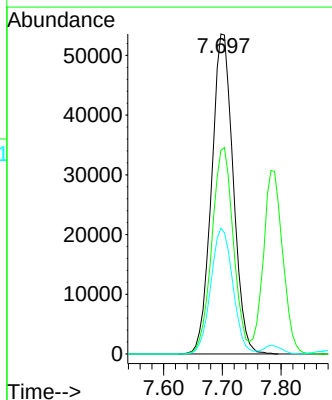
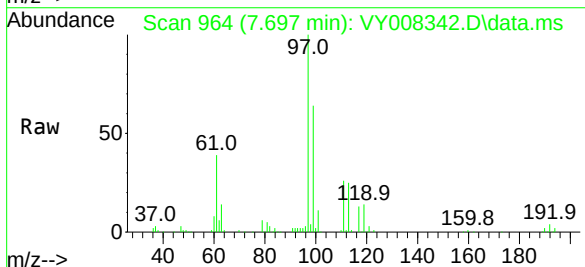
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

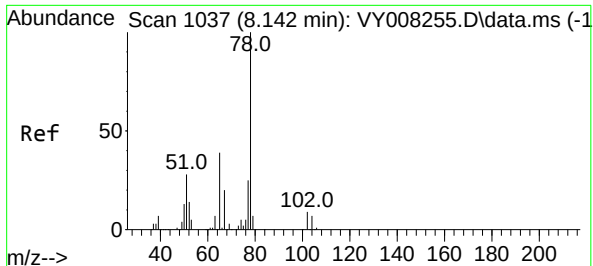
Tgt Ion: 56 Resp: 102157
Ion Ratio Lower Upper
56 100
69 36.2 26.7 40.1
84 104.4 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 55.977 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

Tgt Ion: 97 Resp: 137146
Ion Ratio Lower Upper
97 100
99 64.4 50.7 76.1
61 39.9 37.6 56.4

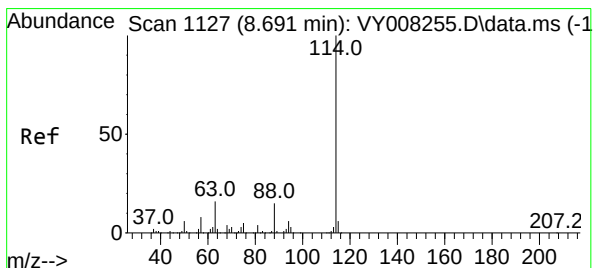
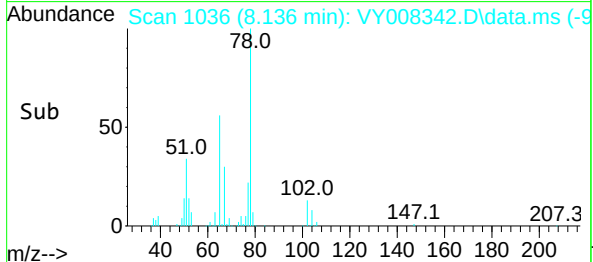
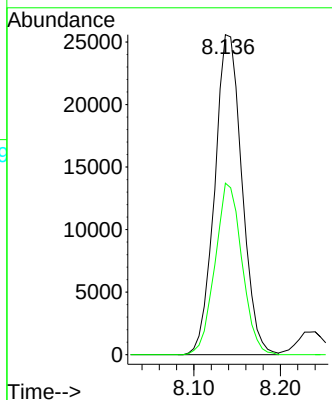
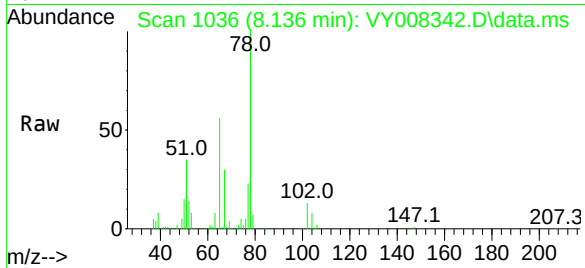




#33
 1,2-Dichloroethane-d4
 Concen: 46.330 ug/l
 RT: 8.136 min Scan# 1037
 Delta R.T. -0.006 min
 Lab File: VY008342.D
 Acq: 15 Apr 2022 10:32

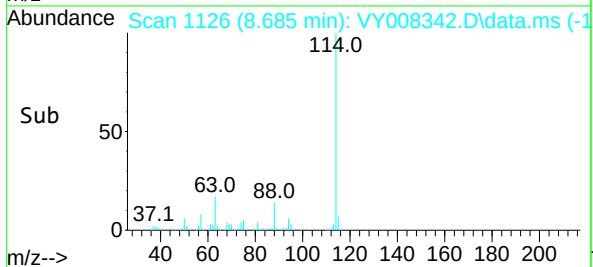
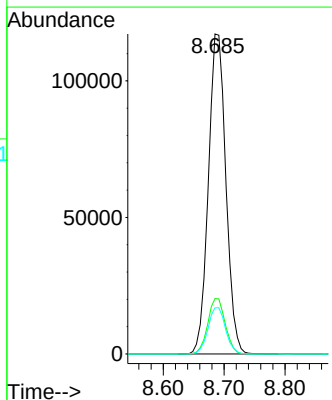
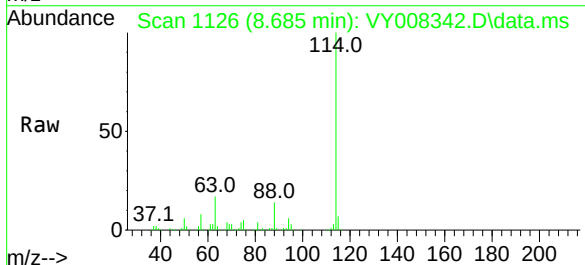
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

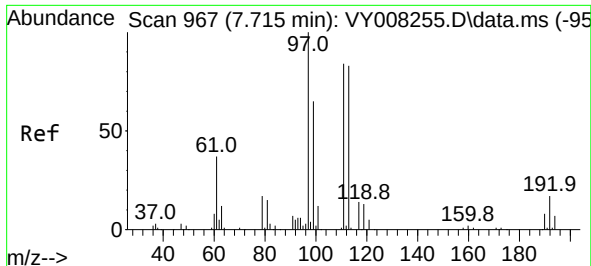
Tgt Ion: 65 Resp: 55994
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY008342.D
 Acq: 15 Apr 2022 10:32

Tgt Ion: 114 Resp: 233798
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 43.2
 88 14.4 0.0 31.8

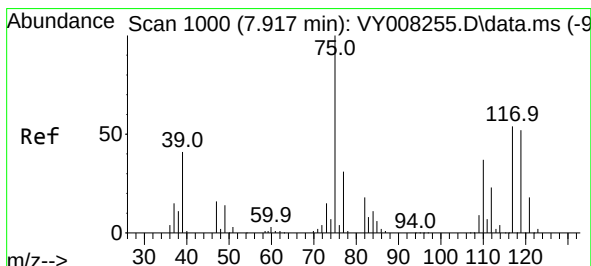
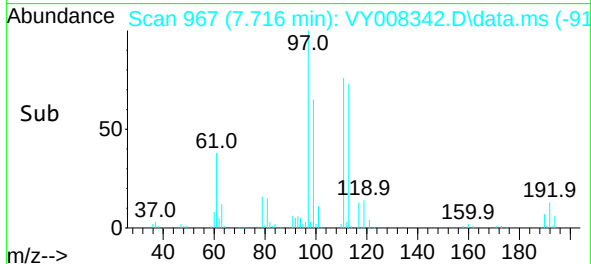
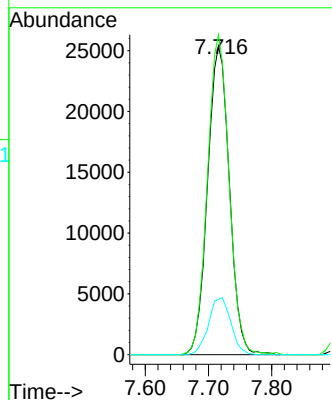
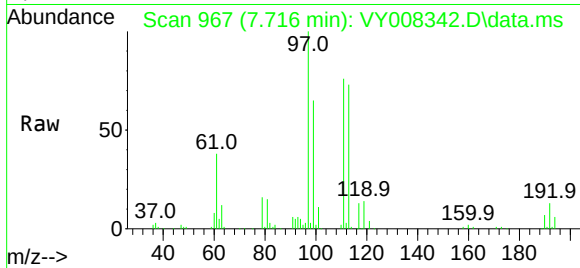




#35
Dibromofluoromethane
Concen: 45.099 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.001 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

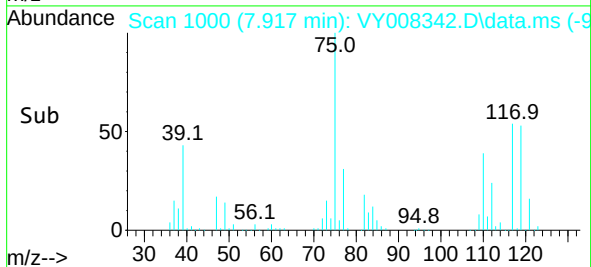
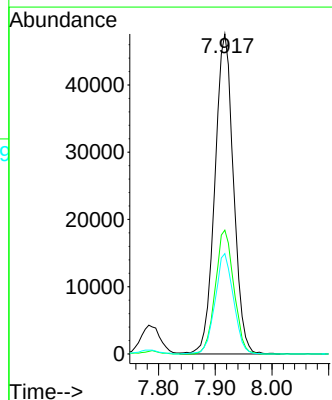
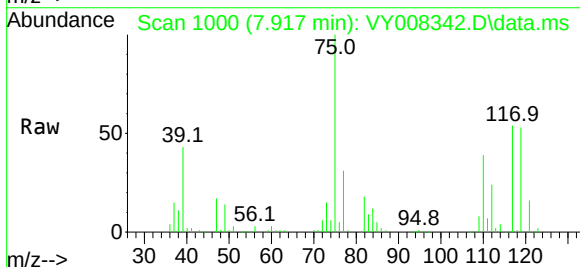
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

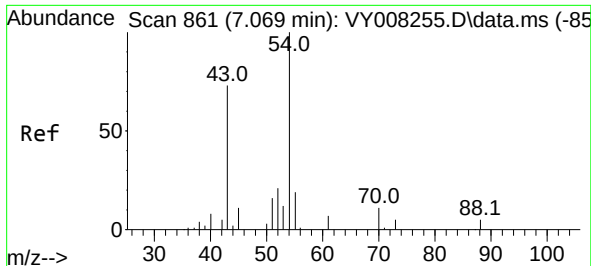
Tgt Ion:113 Resp: 60901
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 18.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 50.243 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

Tgt Ion: 75 Resp: 108341
Ion Ratio Lower Upper
75 100
110 38.4 17.1 51.2
77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 50.902 ug/l

RT: 7.069 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY008342.D

Acq: 15 Apr 2022 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

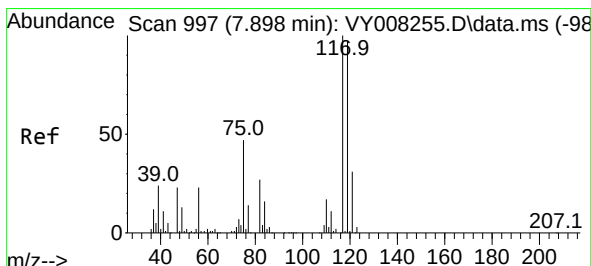
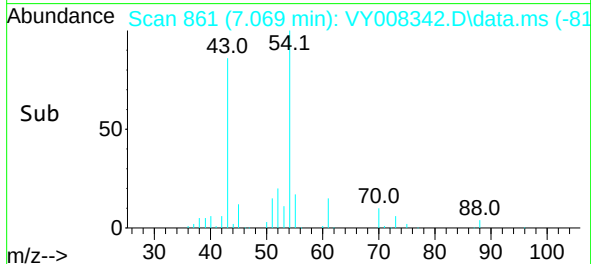
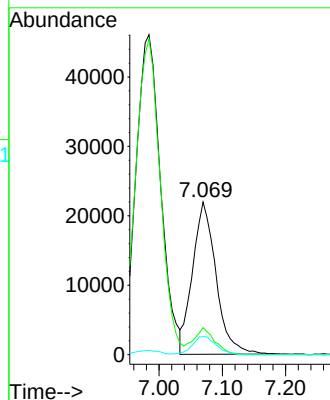
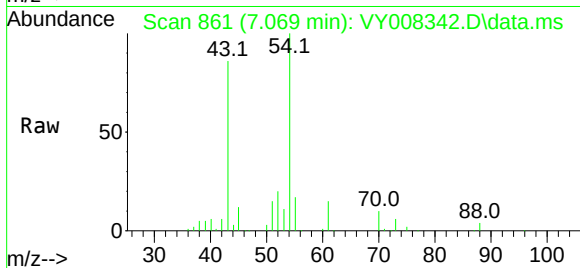
Tgt Ion: 43 Resp: 56597

Ion Ratio Lower Upper

43 100

61 16.0 9.7 14.5#

70 12.1 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 51.510 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.001 min

Lab File: VY008342.D

Acq: 15 Apr 2022 10:32

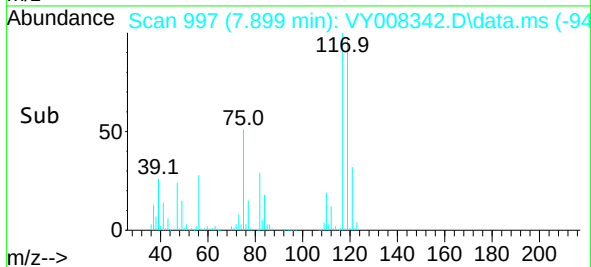
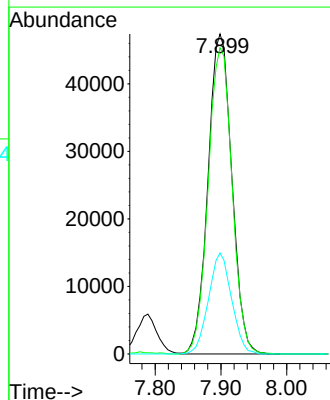
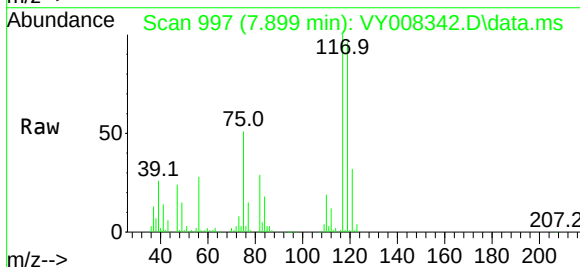
Tgt Ion: 117 Resp: 119495

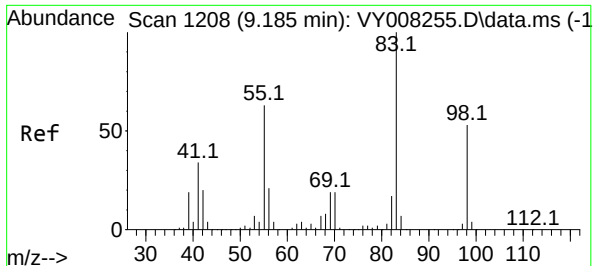
Ion Ratio Lower Upper

117 100

119 95.7 77.9 116.9

121 31.5 24.8 37.2





#39

Methylcyclohexane

Concen: 47.674 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY008342.D

Acq: 15 Apr 2022 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

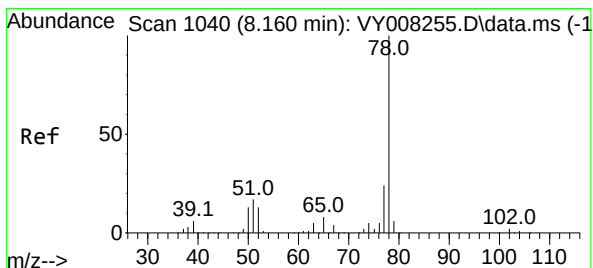
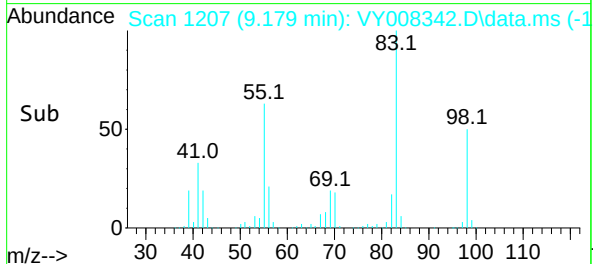
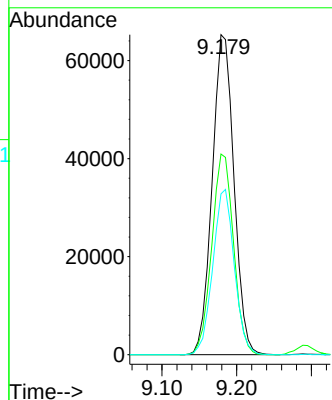
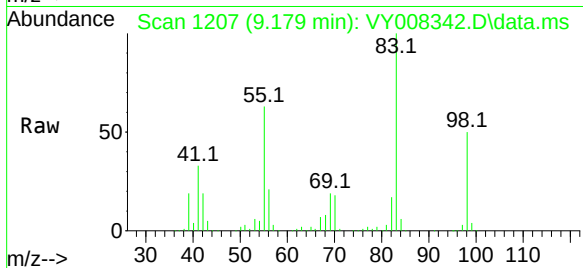
Tgt Ion: 83 Resp: 132271

Ion Ratio Lower Upper

83 100

55 62.7 66.5 99.7#

98 50.3 37.9 56.9



#40

Benzene

Concen: 51.466 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VY008342.D

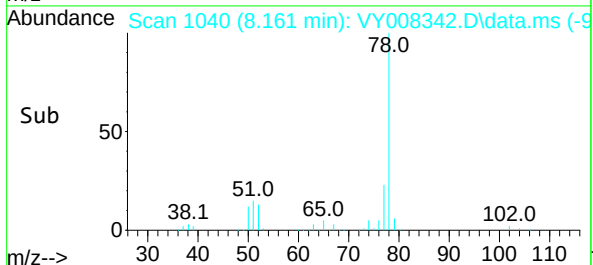
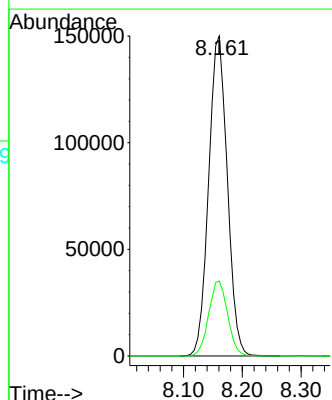
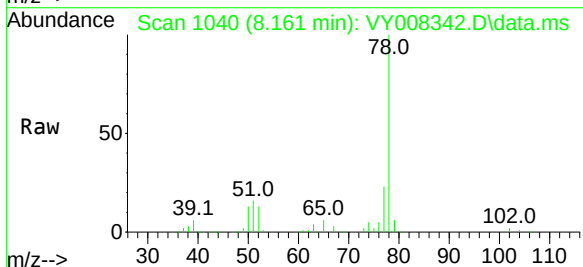
Acq: 15 Apr 2022 10:32

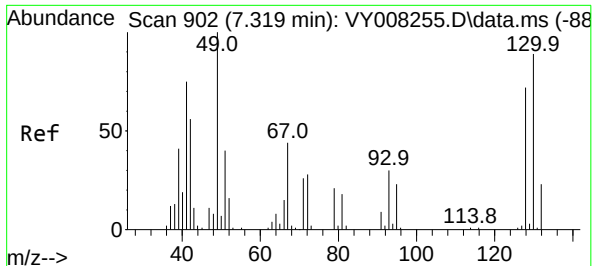
Tgt Ion: 78 Resp: 330479

Ion Ratio Lower Upper

78 100

77 23.4 20.4 30.6

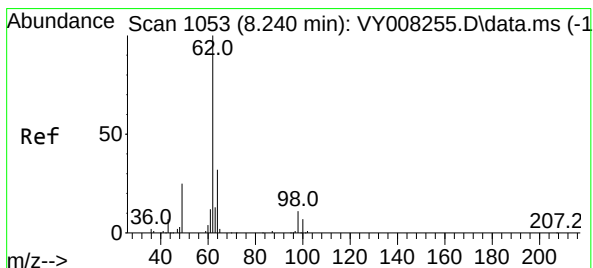
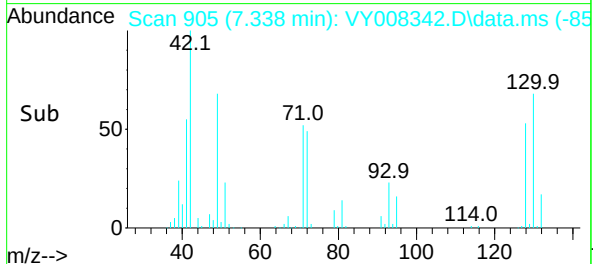
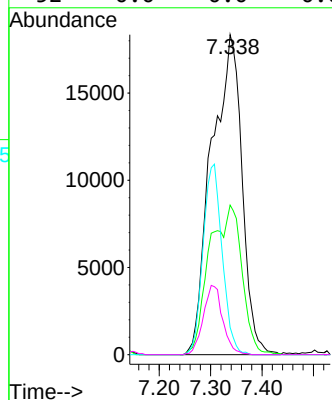
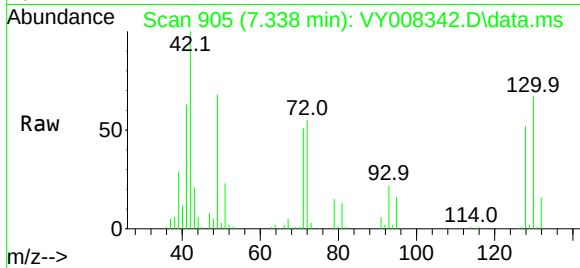




#41
Methacrylonitrile
Concen: 121.228 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.019 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

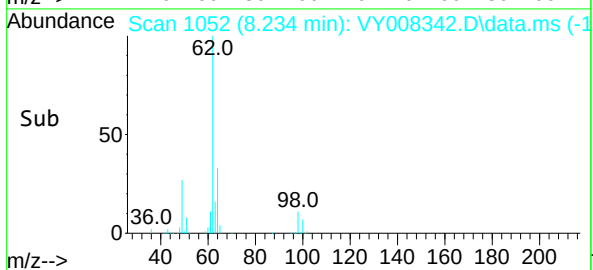
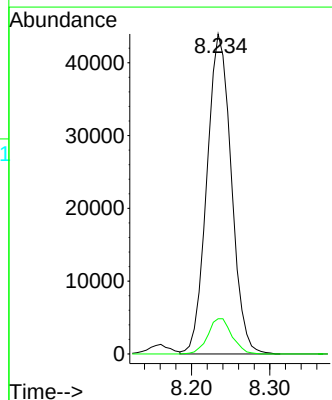
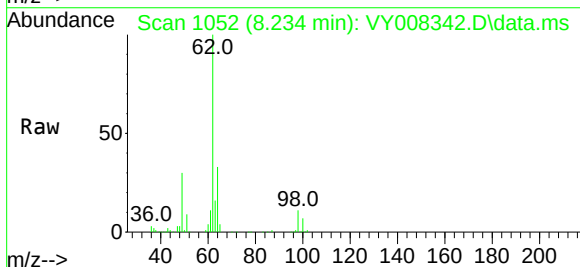
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

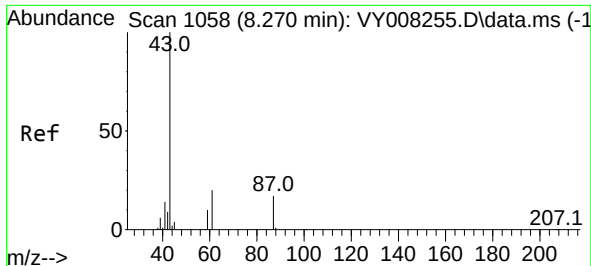
Tgt Ion: 41 Resp: 75407
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 51.153 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

Tgt Ion: 62 Resp: 95295
Ion Ratio Lower Upper
62 100
98 10.9 0.0 14.8





#43

Isopropyl Acetate

Concen: 52.627 ug/l

RT: 8.270 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VY008342.D

Acq: 15 Apr 2022 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

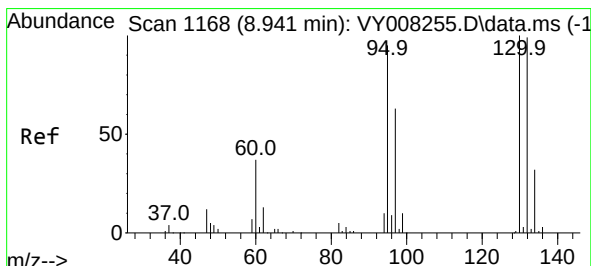
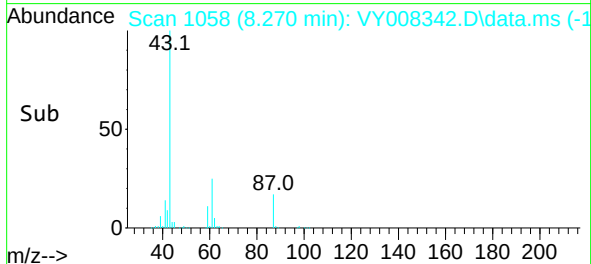
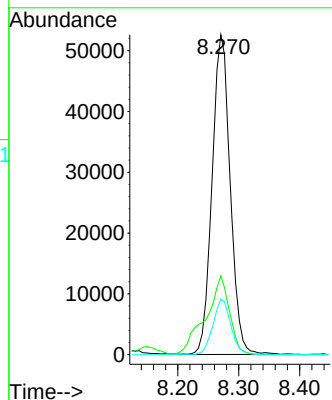
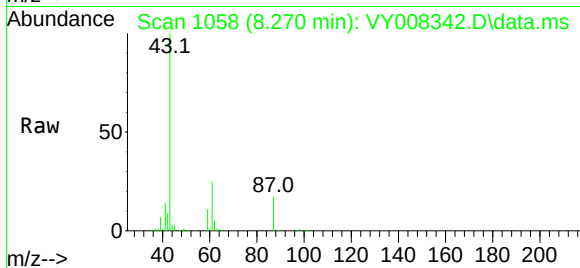
Tgt Ion: 43 Resp: 108598

Ion Ratio Lower Upper

43 100

61 32.6 20.2 30.2#

87 17.2 8.9 13.3#



#44

Trichloroethene

Concen: 51.228 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. -0.006 min

Lab File: VY008342.D

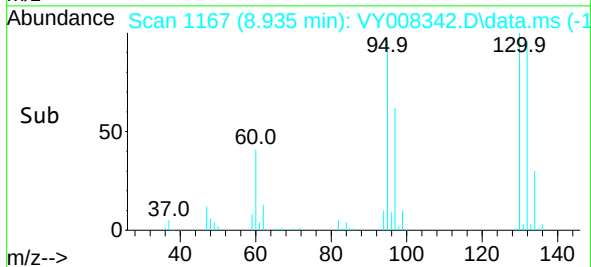
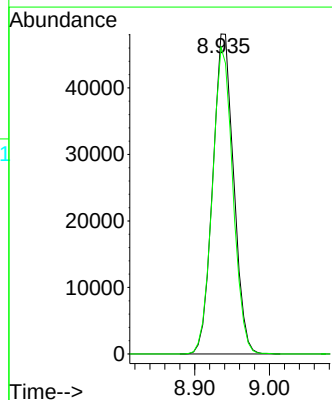
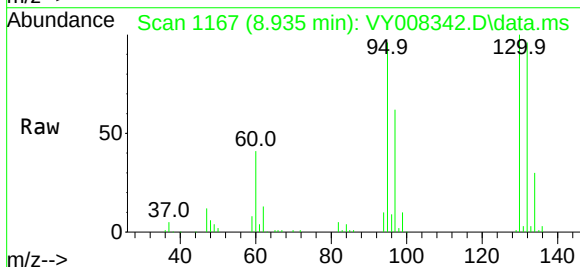
Acq: 15 Apr 2022 10:32

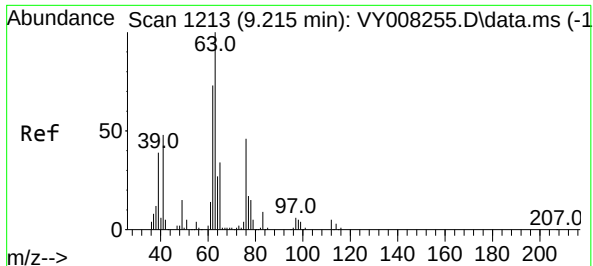
Tgt Ion:130 Resp: 93749

Ion Ratio Lower Upper

130 100

95 95.9 0.0 188.2





#45

1,2-Dichloropropane

Concen: 53.058 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY008342.D

Acq: 15 Apr 2022 10:32

Instrument :

MSVOA_Y

ClientSampleId :

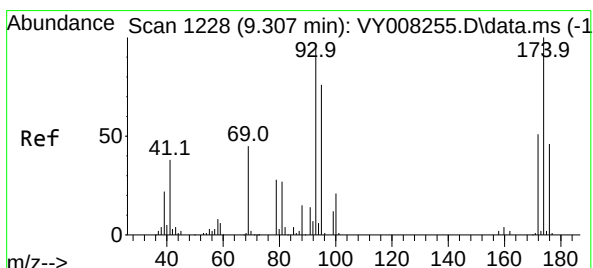
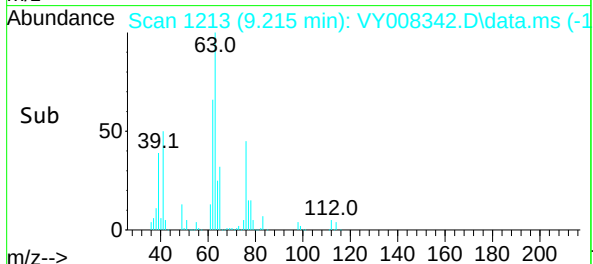
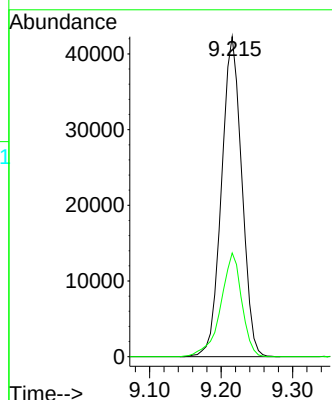
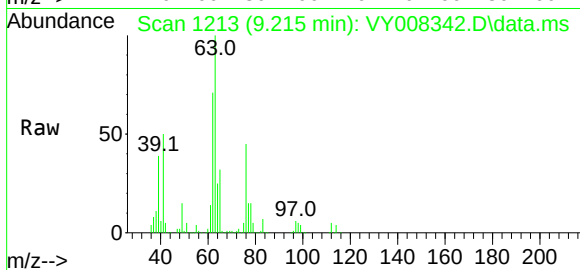
VSTDCCC050

Tgt Ion: 63 Resp: 83229

Ion Ratio Lower Upper

63 100

65 32.4 23.0 34.6



#46

Dibromomethane

Concen: 50.850 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY008342.D

Acq: 15 Apr 2022 10:32

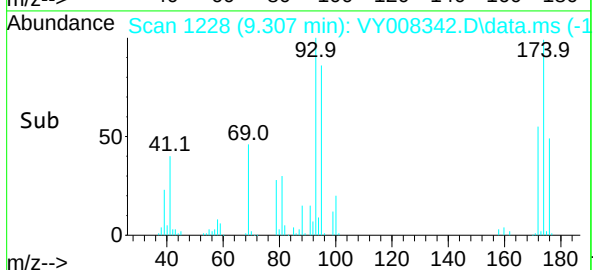
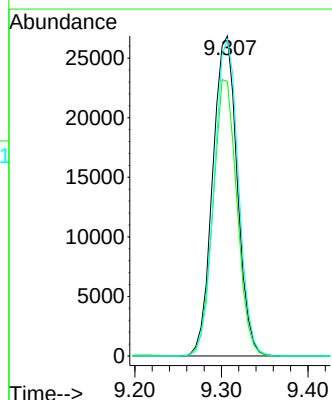
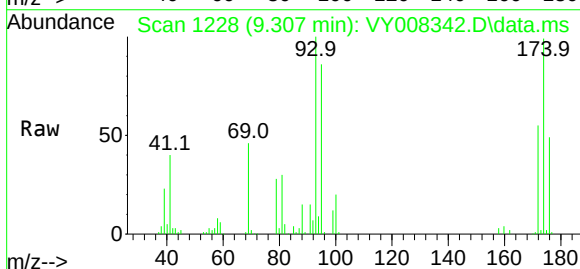
Tgt Ion: 93 Resp: 52794

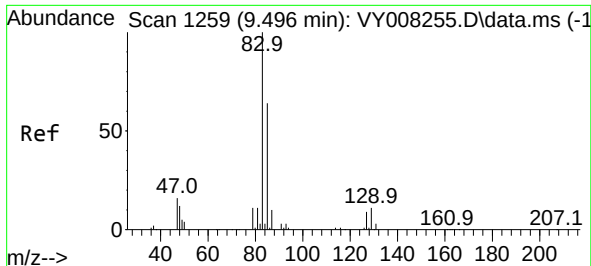
Ion Ratio Lower Upper

93 100

95 84.2 64.3 96.5

174 97.8 83.4 125.0

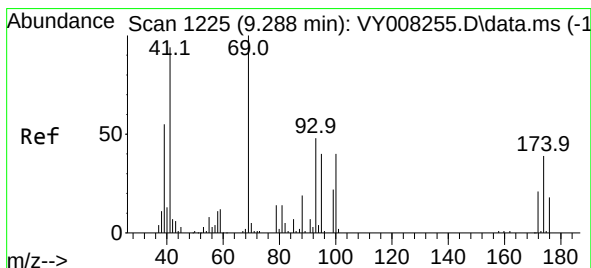
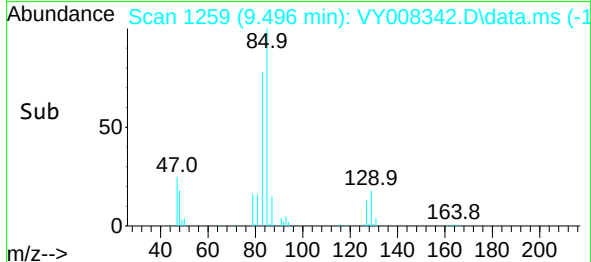
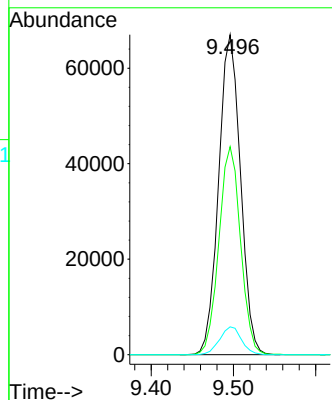
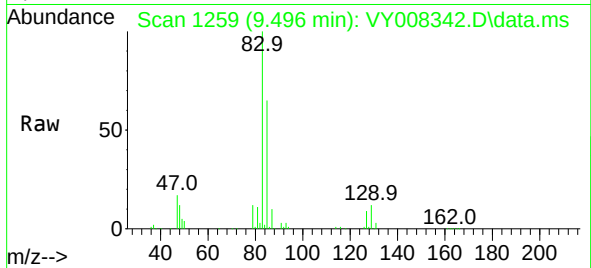




#47
Bromodichloromethane
Concen: 53.020 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

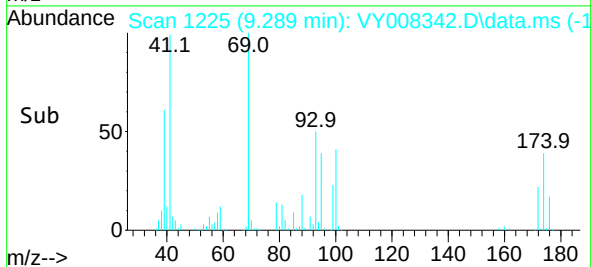
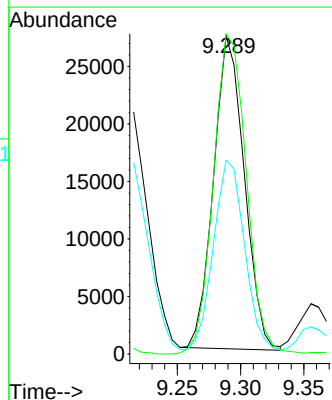
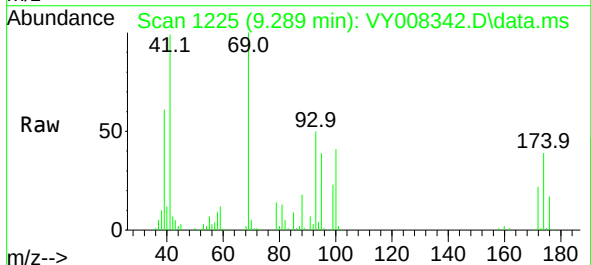
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

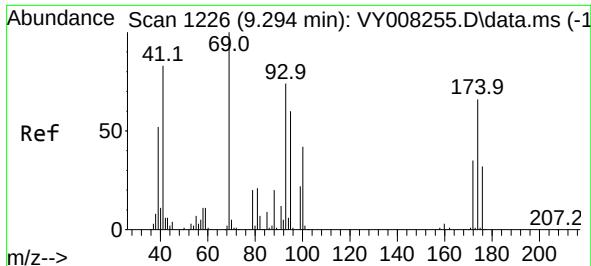
Tgt Ion: 83 Resp: 123797
Ion Ratio Lower Upper
83 100
85 65.0 51.9 77.9
127 8.7 6.6 10.0



#48
Methyl methacrylate
Concen: 52.321 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.001 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

Tgt Ion: 41 Resp: 45897
Ion Ratio Lower Upper
41 100
69 109.6 58.2 87.2#
39 64.4 47.4 71.0





#49

1,4-Dioxane

Concen: 987.671 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.001 min

Lab File: VY008342.D

Acq: 15 Apr 2022 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

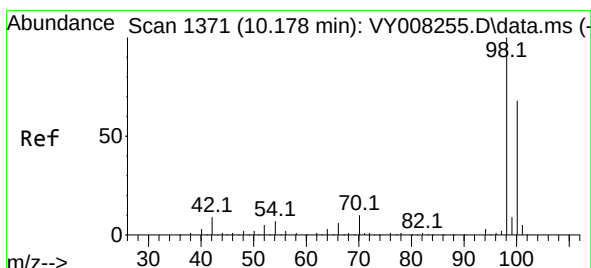
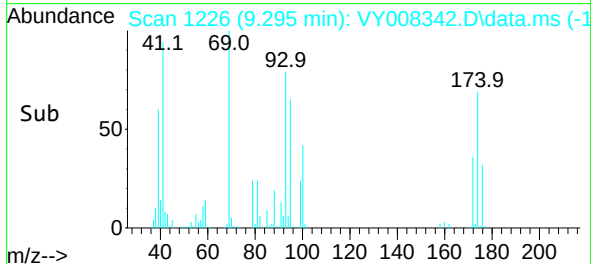
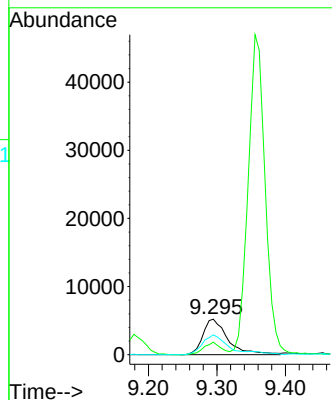
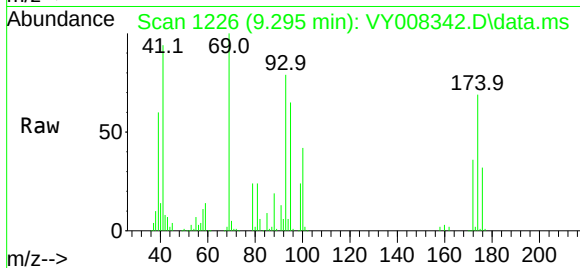
Tgt Ion: 88 Resp: 13233

Ion Ratio Lower Upper

88 100

43 25.0 32.8 49.2#

58 60.1 59.8 89.6



#50

Toluene-d8

Concen: 44.186 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY008342.D

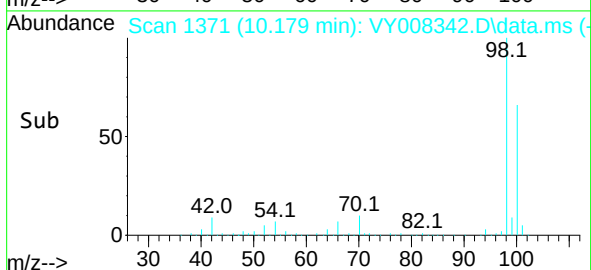
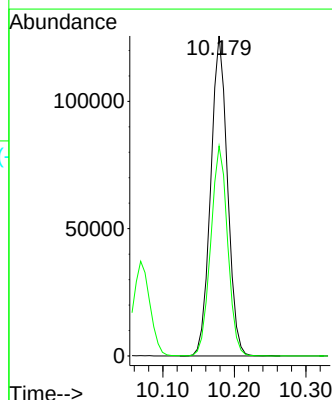
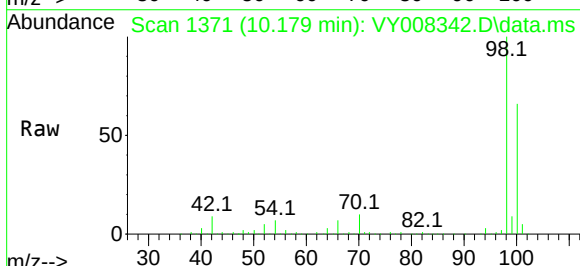
Acq: 15 Apr 2022 10:32

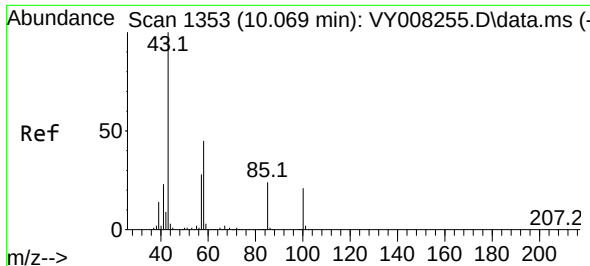
Tgt Ion: 98 Resp: 204169

Ion Ratio Lower Upper

98 100

100 66.3 50.2 75.2

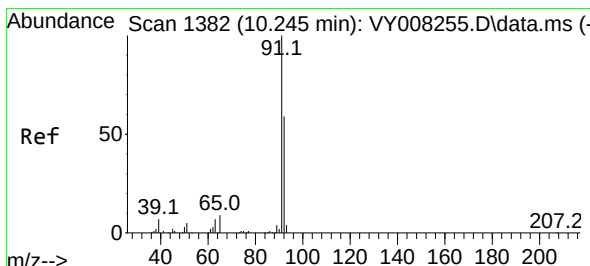
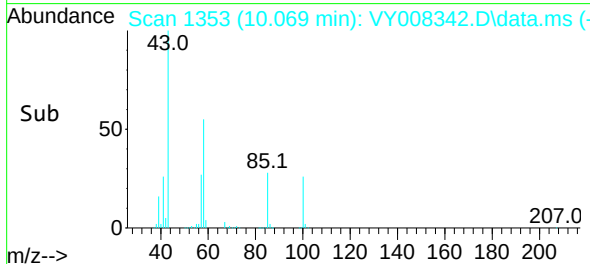
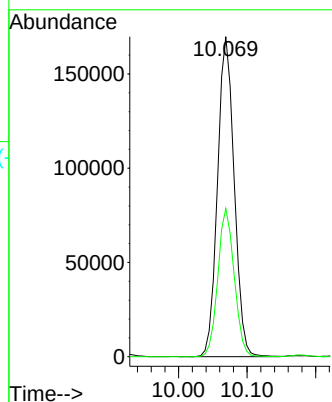
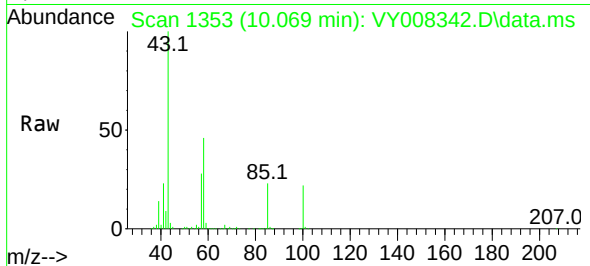




#51
4-Methyl-2-Pentanone
Concen: 268.340 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

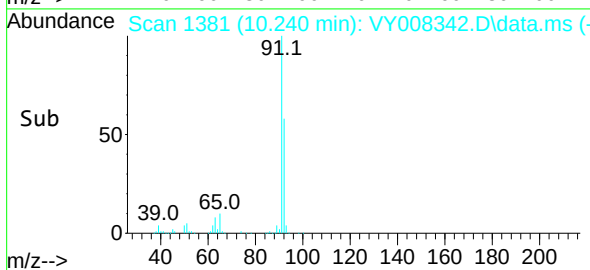
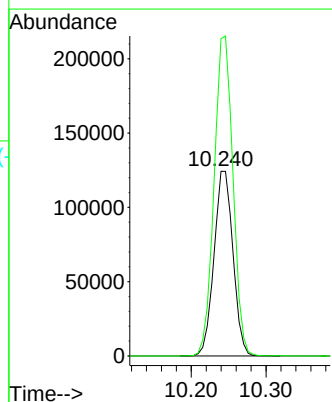
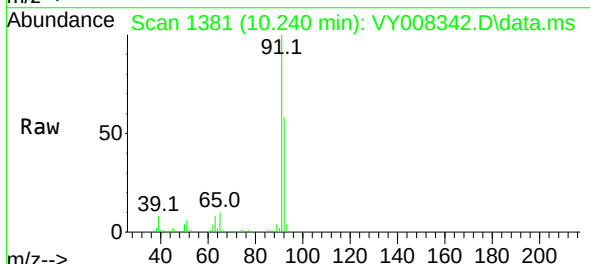
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

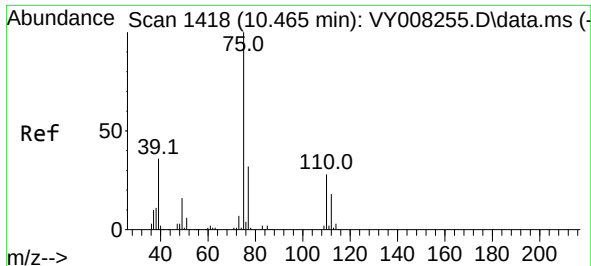
Tgt Ion: 43 Resp: 285927
Ion Ratio Lower Upper
43 100
58 45.4 28.1 42.1#



#52
Toluene
Concen: 51.777 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.005 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

Tgt Ion: 92 Resp: 219054
Ion Ratio Lower Upper
92 100
91 172.4 142.6 213.8

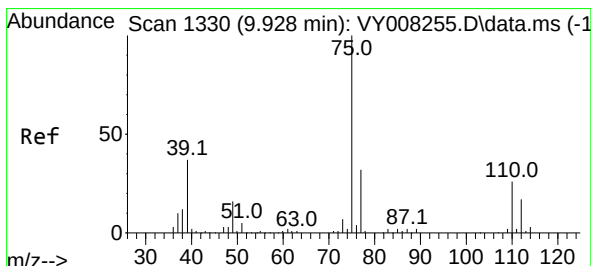
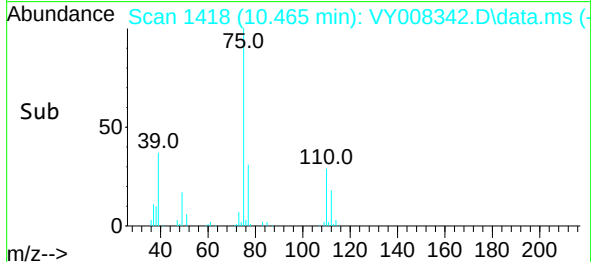
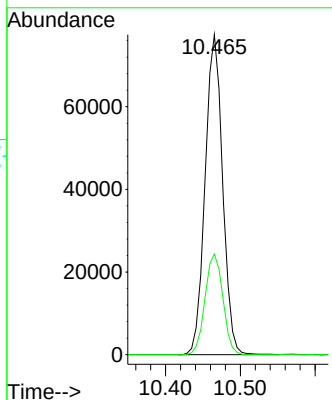
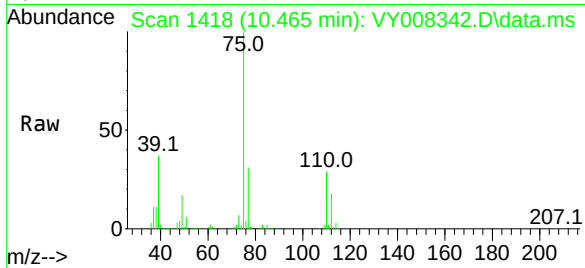




#53
t-1,3-Dichloropropene
Concen: 52.823 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

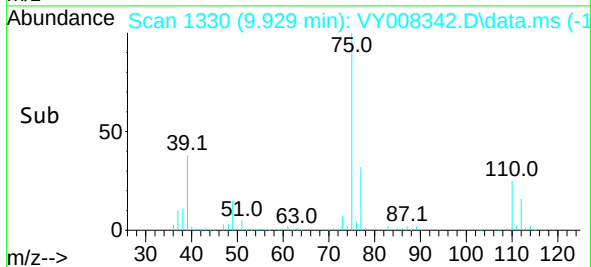
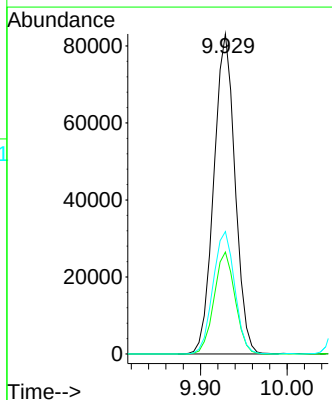
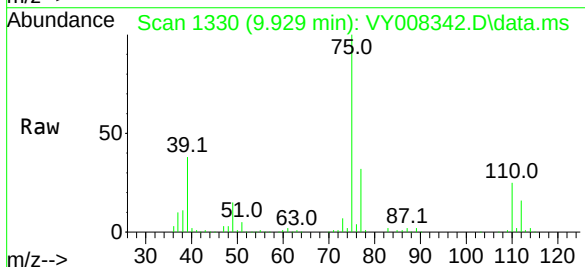
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

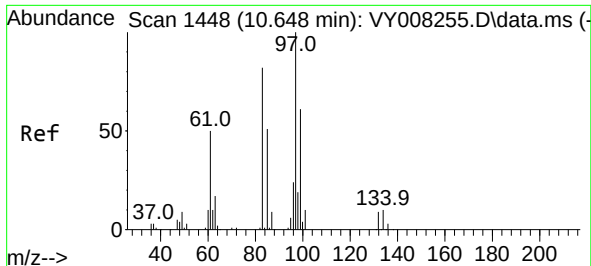
Tgt Ion: 75 Resp: 125696
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 52.549 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.001 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

Tgt Ion: 75 Resp: 141073
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4
39 38.2 47.6 71.4#

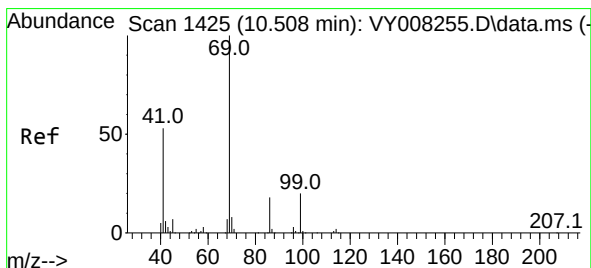
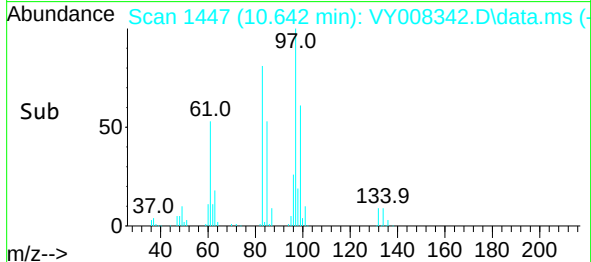
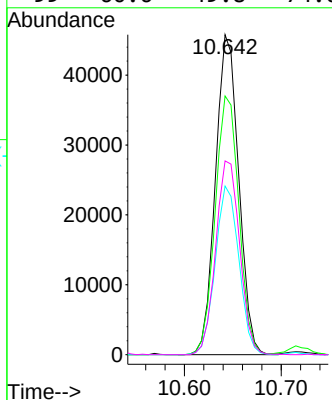
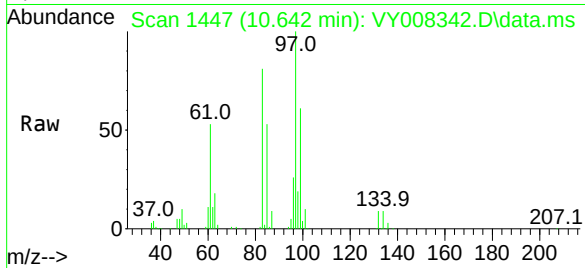




#55
1,1,2-Trichloroethane
Concen: 51.623 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

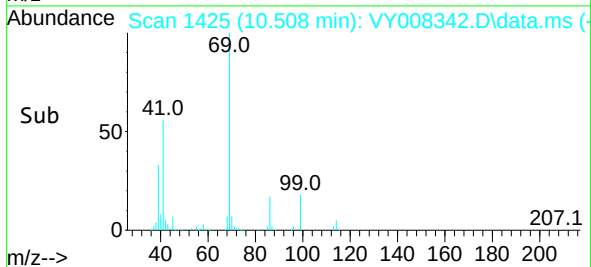
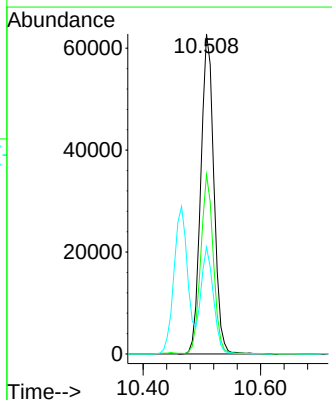
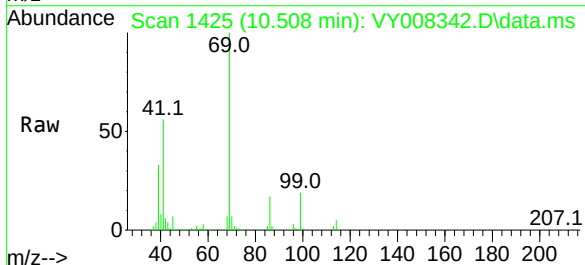
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

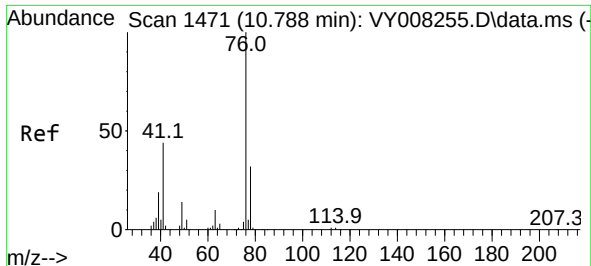
Tgt Ion:	97	Resp:	76453
Ion	Ratio	Lower	Upper
97	100		
83	80.8	69.8	104.8
85	52.7	44.3	66.5
99	60.6	49.8	74.6



#56
Ethyl methacrylate
Concen: 53.568 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

Tgt Ion:	69	Resp:	97265
Ion	Ratio	Lower	Upper
69	100		
41	54.4	63.4	95.0#
39	30.9	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 51.734 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008342.D

Acq: 15 Apr 2022 10:32

Instrument :

MSVOA_Y

ClientSampleId :

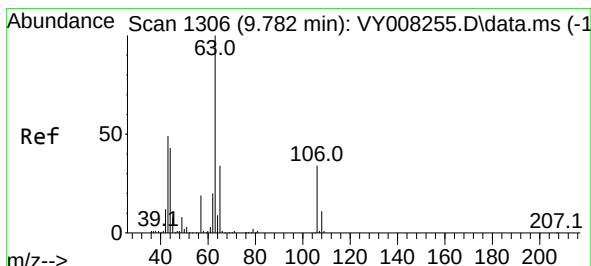
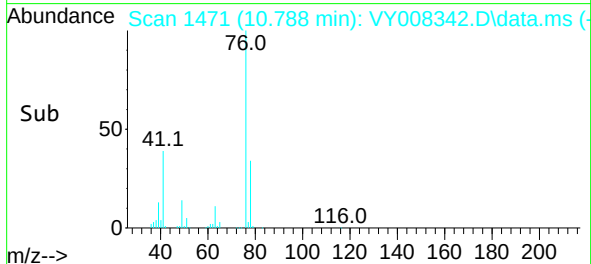
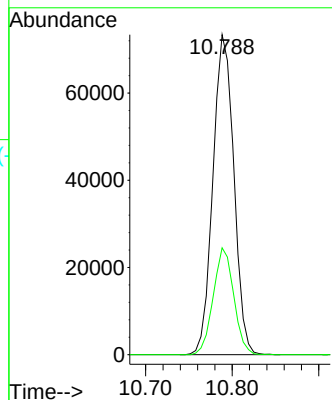
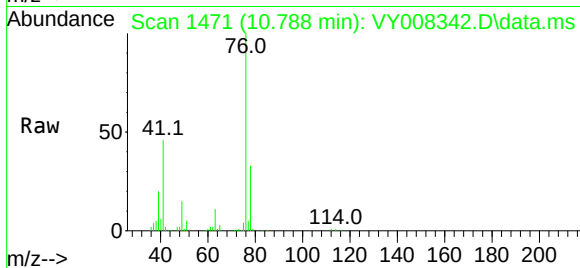
VSTDCCC050

Tgt Ion: 76 Resp: 123037

Ion Ratio Lower Upper

76 100

78 32.8 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 210.063 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008342.D

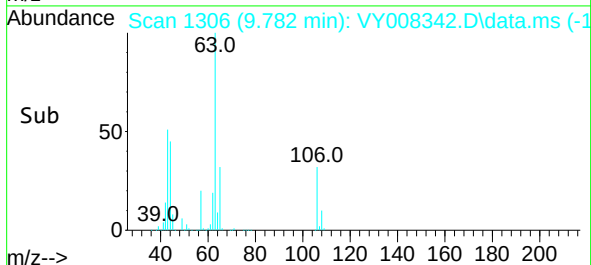
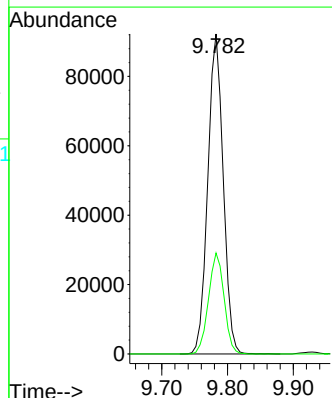
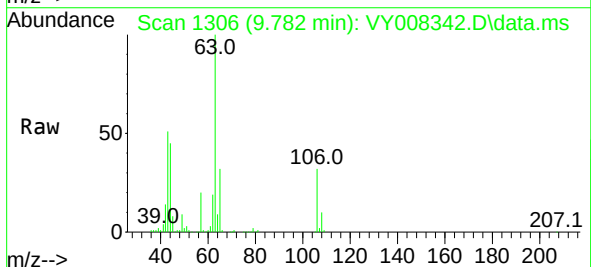
Acq: 15 Apr 2022 10:32

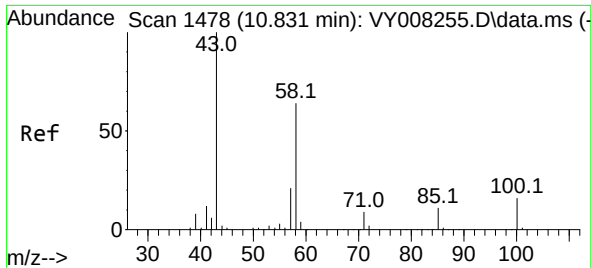
Tgt Ion: 63 Resp: 150242

Ion Ratio Lower Upper

63 100

106 31.8 21.5 32.3

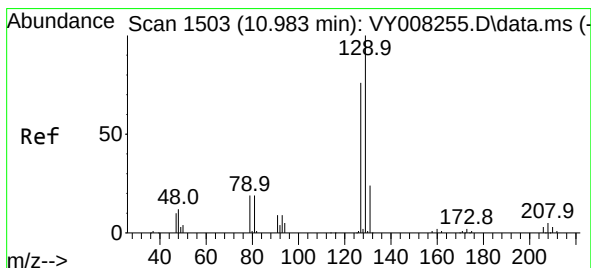
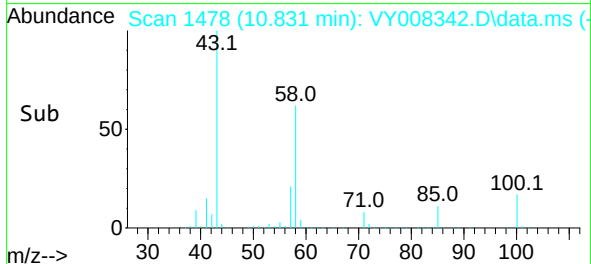
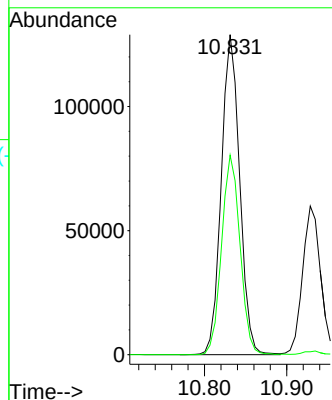
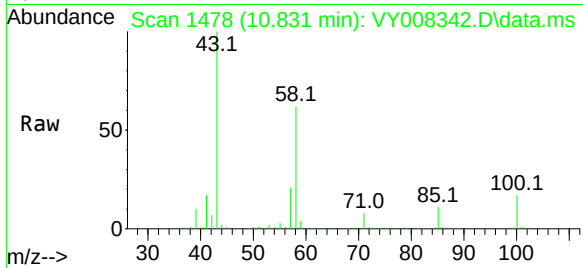




#59
2-Hexanone
Concen: 273.662 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

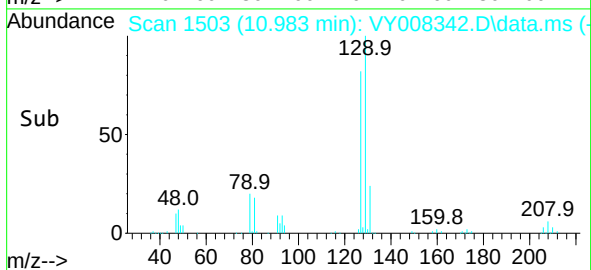
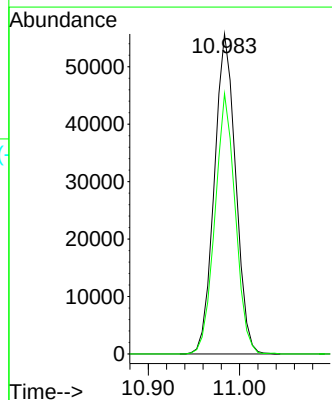
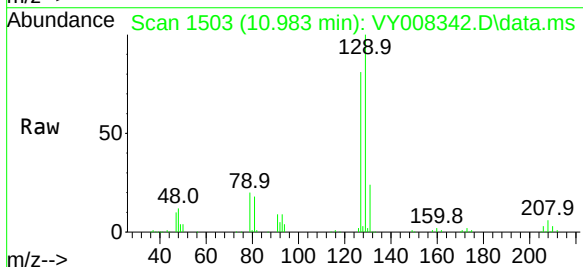
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

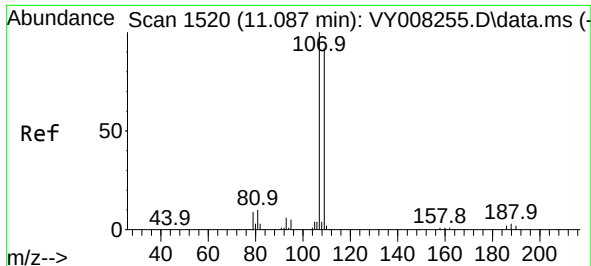
Tgt Ion: 43 Resp: 200647
Ion Ratio Lower Upper
43 100
58 62.5 24.4 73.4



#60
Dibromochloromethane
Concen: 52.270 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

Tgt Ion: 129 Resp: 90426
Ion Ratio Lower Upper
129 100
127 77.8 38.7 116.1

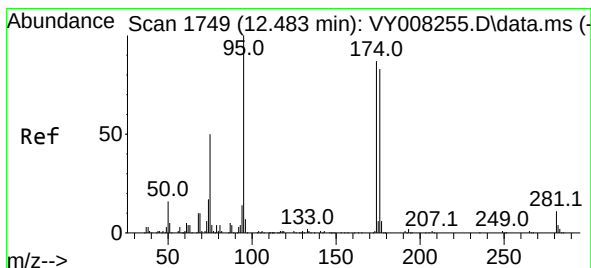
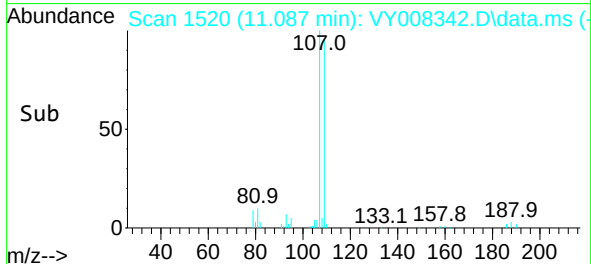
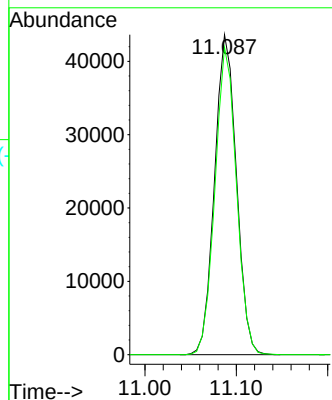
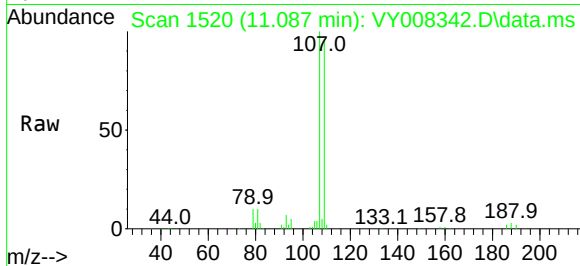




#61
1,2-Dibromoethane
Concen: 50.018 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

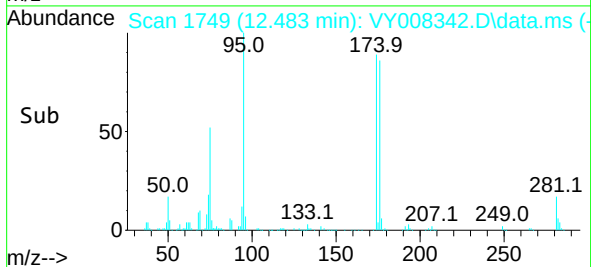
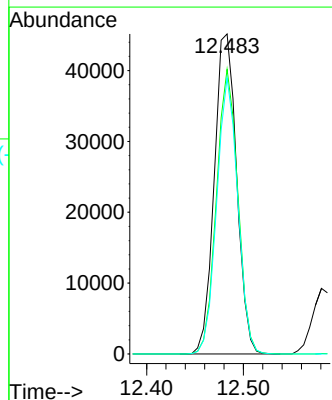
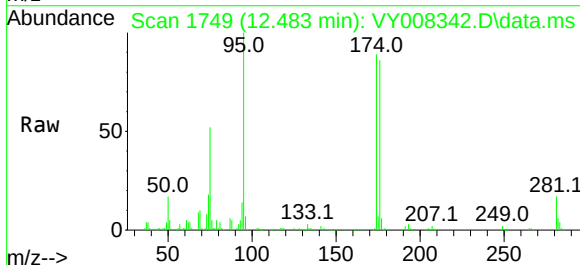
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

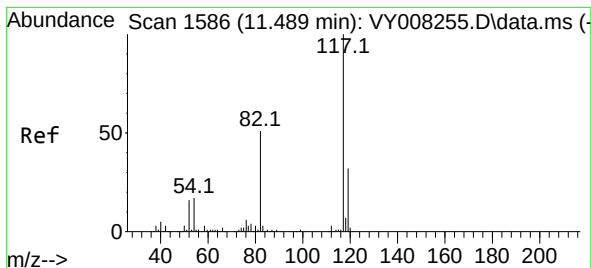
Tgt Ion:107 Resp: 72425
Ion Ratio Lower Upper
107 100
109 94.5 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 41.746 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

Tgt Ion: 95 Resp: 72553
Ion Ratio Lower Upper
95 100
174 84.7 0.0 177.0
176 81.0 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008342.D

Acq: 15 Apr 2022 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

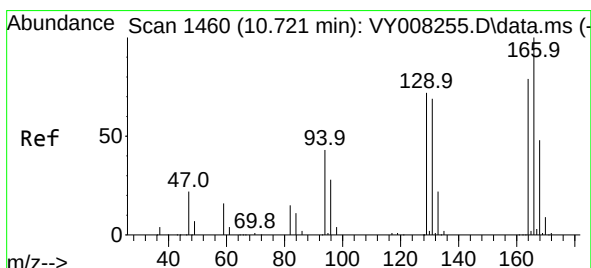
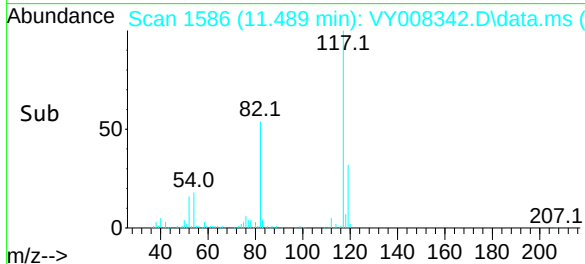
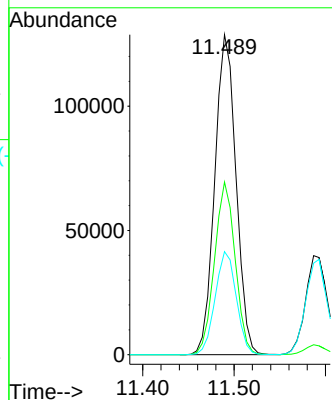
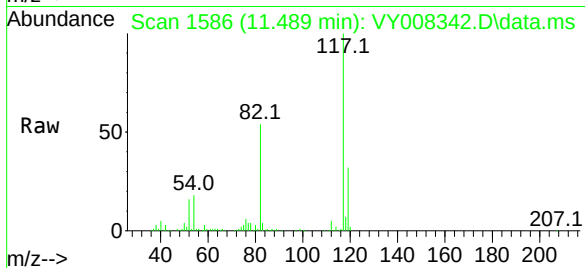
Tgt Ion:117 Resp: 208160

Ion Ratio Lower Upper

117 100

82 54.0 43.0 64.4

119 32.2 25.4 38.0



#64

Tetrachloroethene

Concen: 50.655 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY008342.D

Acq: 15 Apr 2022 10:32

Tgt Ion:164 Resp: 74318

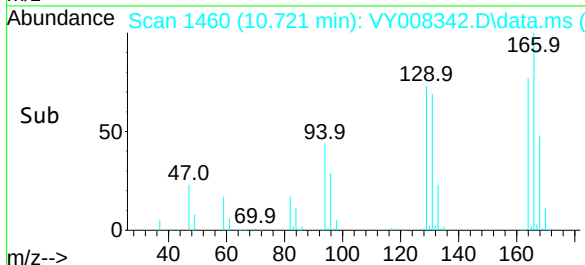
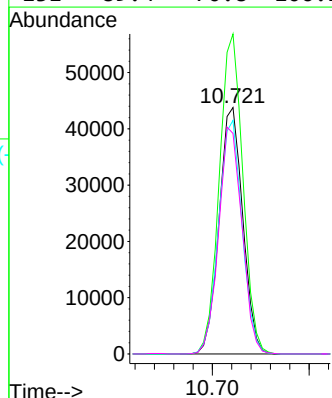
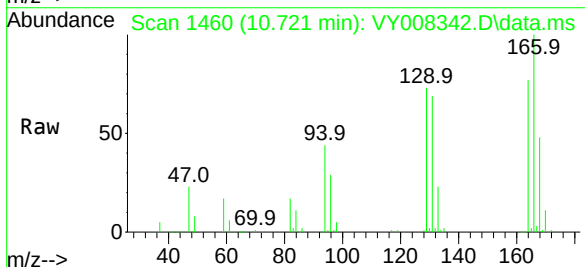
Ion Ratio Lower Upper

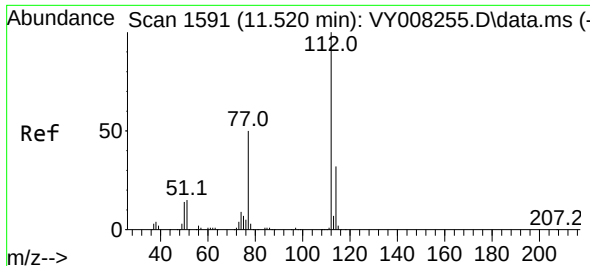
164 100

166 129.8 100.4 150.6

129 94.8 71.4 107.0

131 89.4 70.8 106.2

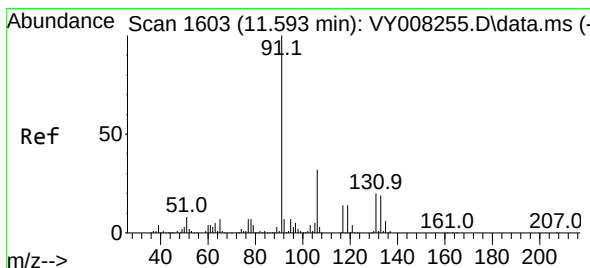
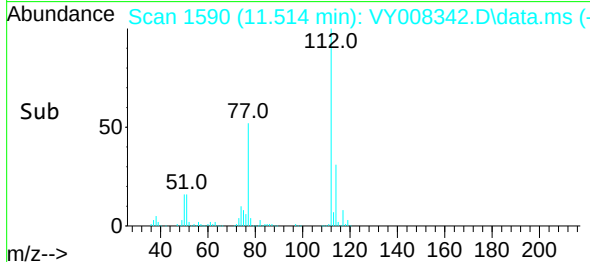
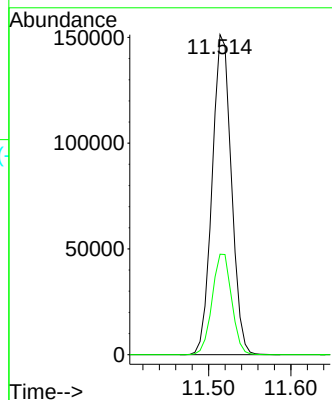
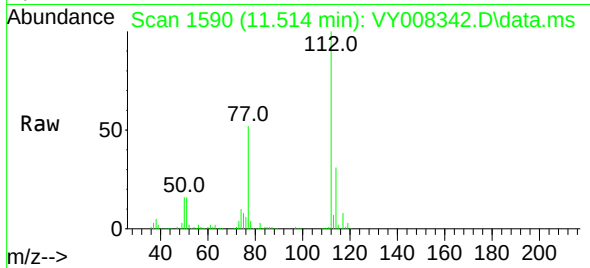




#65
Chlorobenzene
Concen: 54.543 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

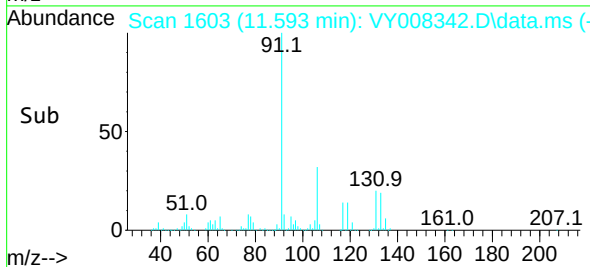
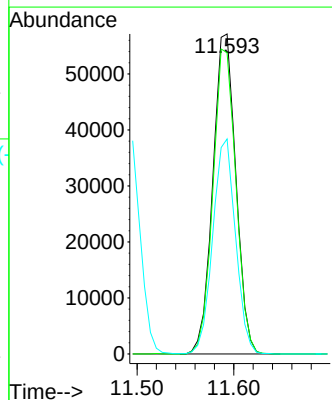
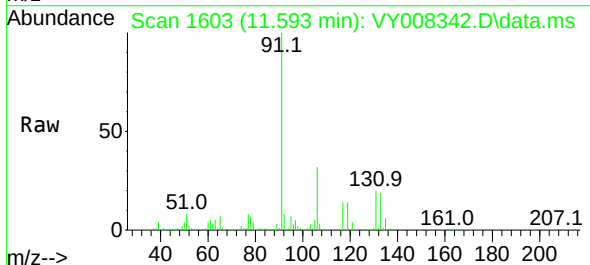
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

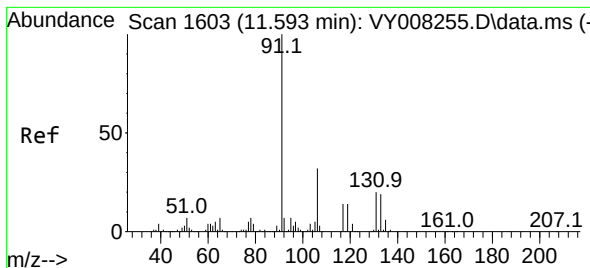
Tgt Ion:112 Resp: 246218
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 56.092 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

Tgt Ion:131 Resp: 94489
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.6
119 66.5 30.8 92.3





#67

Ethyl Benzene

Concen: 55.895 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008342.D

Acq: 15 Apr 2022 10:32

Instrument :

MSVOA_Y

ClientSampleId :

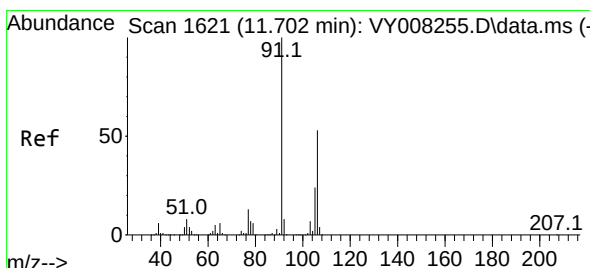
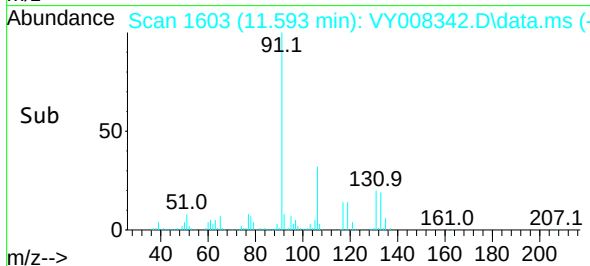
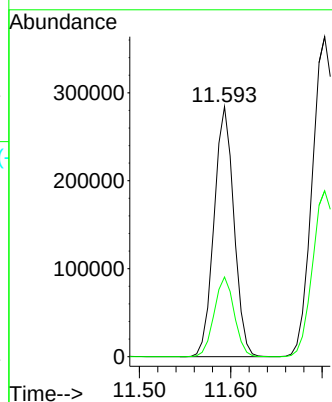
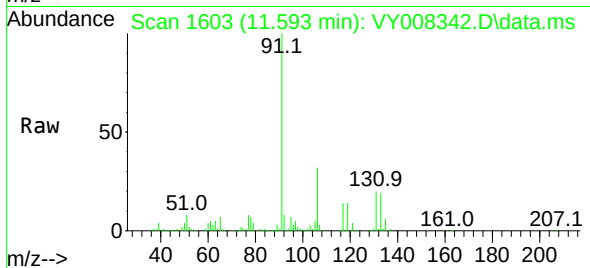
VSTDCCC050

Tgt Ion: 91 Resp: 429098

Ion Ratio Lower Upper

91 100

106 31.9 24.5 36.7



#68

m/p-Xylenes

Concen: 111.937 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.001 min

Lab File: VY008342.D

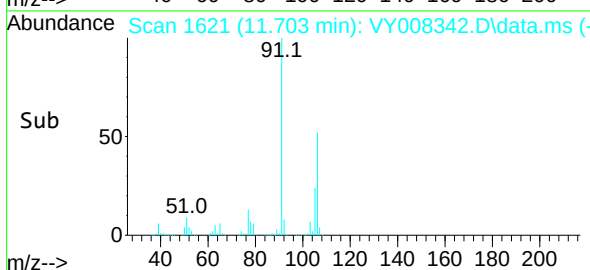
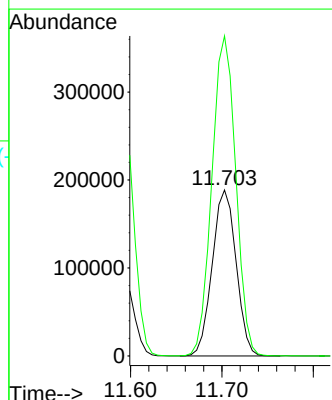
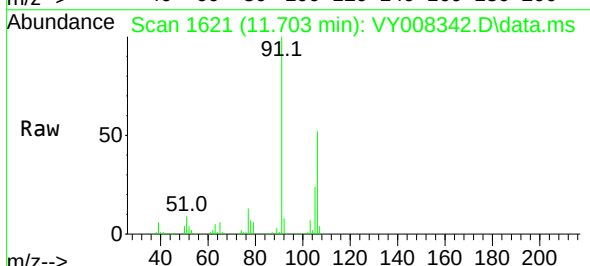
Acq: 15 Apr 2022 10:32

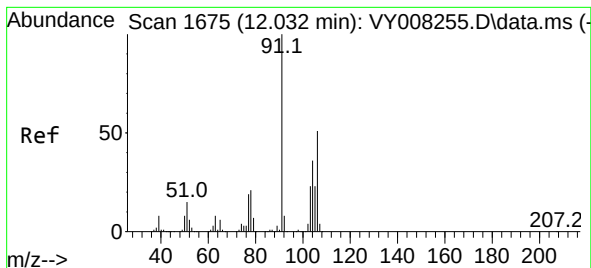
Tgt Ion: 106 Resp: 341756

Ion Ratio Lower Upper

106 100

91 193.3 166.6 249.8





#69

o-Xylene

Concen: 55.212 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008342.D

Acq: 15 Apr 2022 10:32

Instrument :

MSVOA_Y

ClientSampleId :

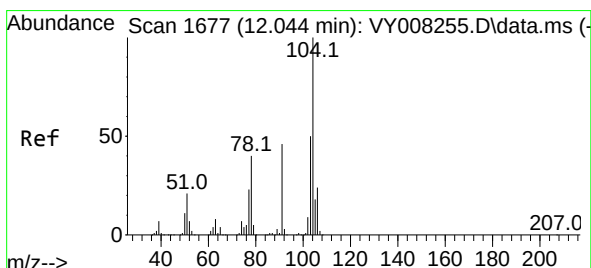
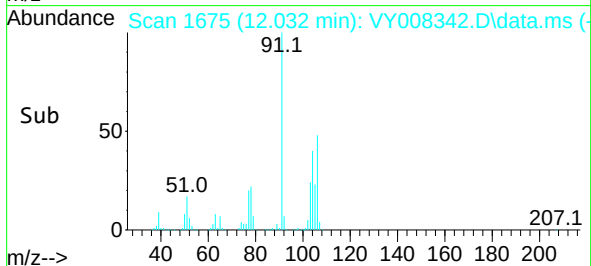
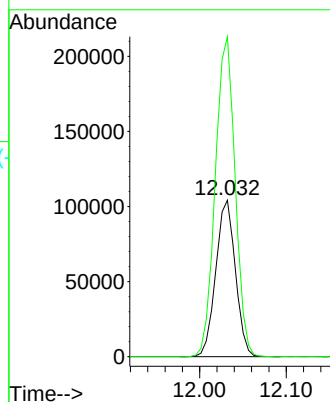
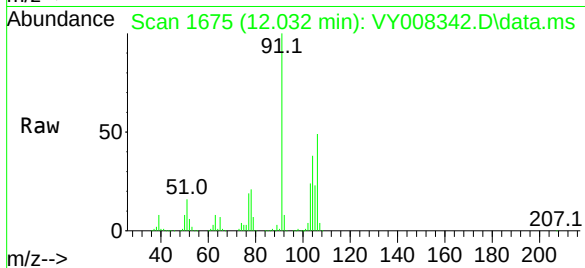
VSTDCCC050

Tgt Ion:106 Resp: 163583

Ion Ratio Lower Upper

106 100

91 207.1 110.3 331.0



#70

Styrene

Concen: 57.933 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY008342.D

Acq: 15 Apr 2022 10:32

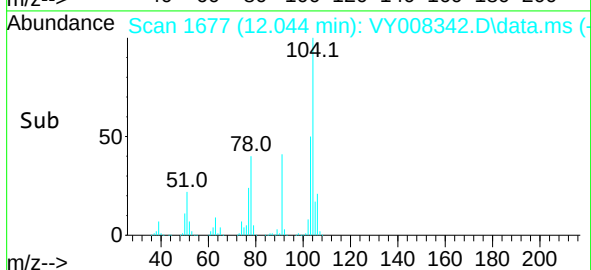
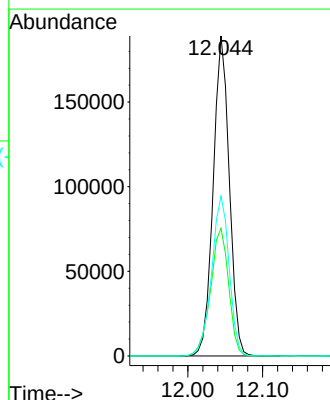
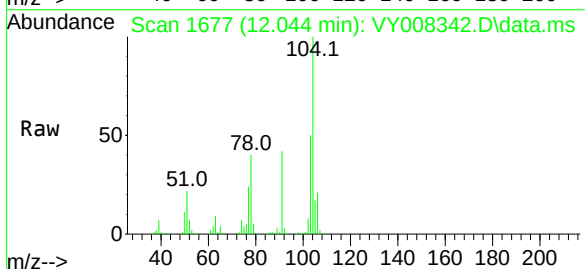
Tgt Ion:104 Resp: 283079

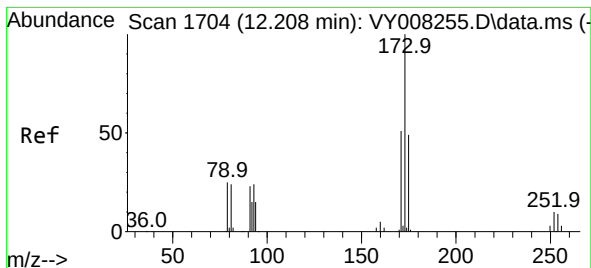
Ion Ratio Lower Upper

104 100

78 44.8 42.4 63.6

103 54.4 44.4 66.6





#71

Bromoform

Concen: 54.587 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY008342.D

Acq: 15 Apr 2022 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

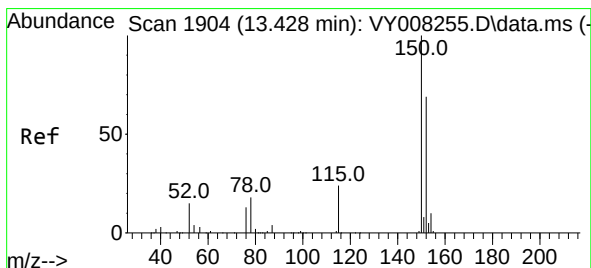
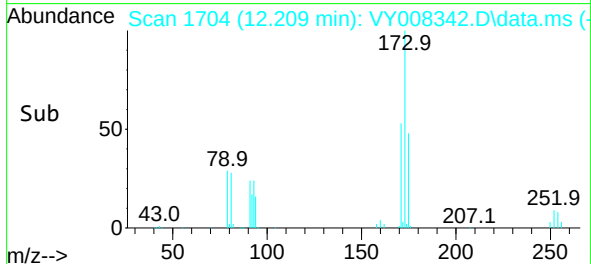
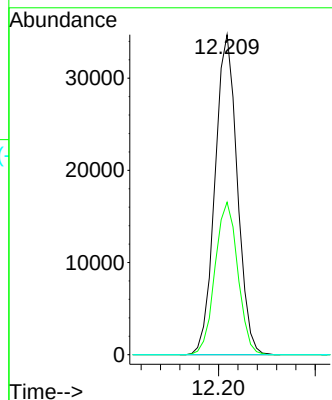
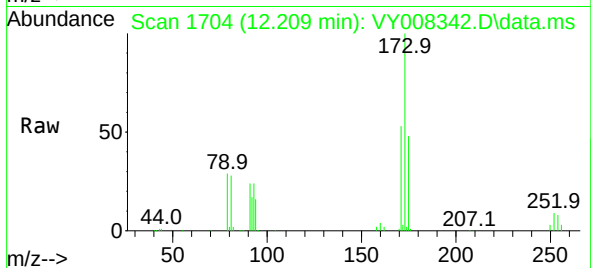
Tgt Ion:173 Resp: 55428

Ion Ratio Lower Upper

173 100

175 48.7 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. 0.000 min

Lab File: VY008342.D

Acq: 15 Apr 2022 10:32

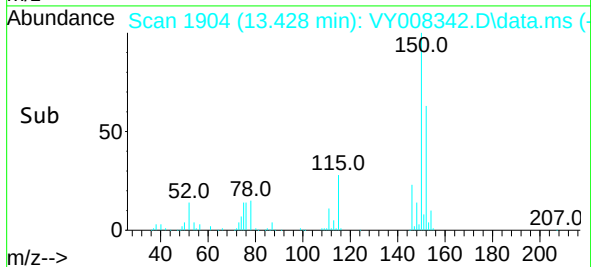
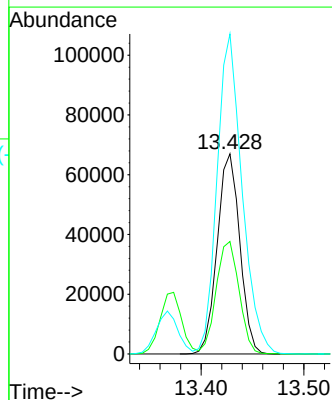
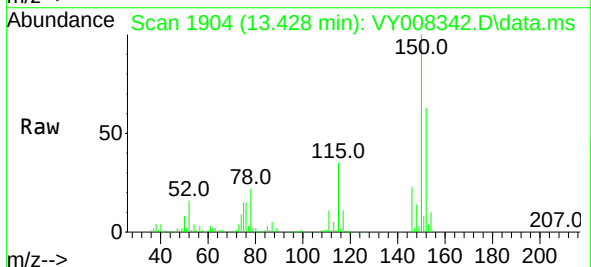
Tgt Ion:152 Resp: 102264

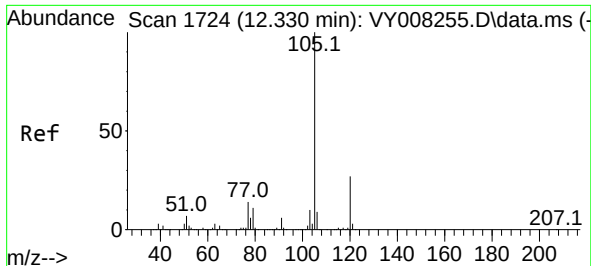
Ion Ratio Lower Upper

152 100

115 57.2 28.2 84.7

150 177.0 0.0 347.6

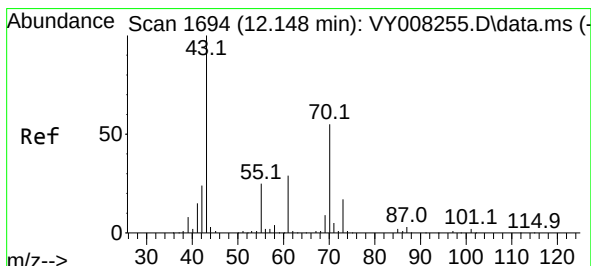
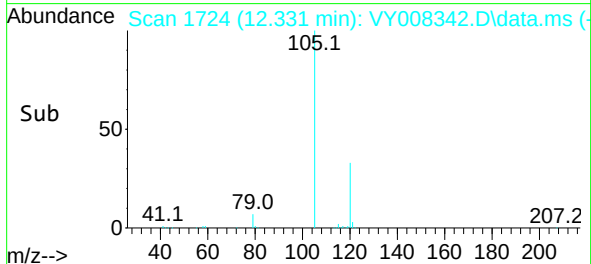
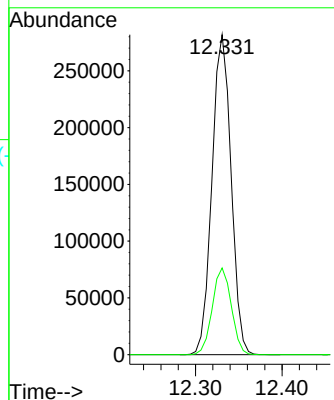
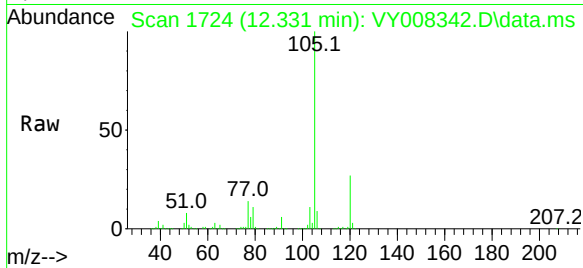




#73
Isopropylbenzene
Concen: 56.819 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

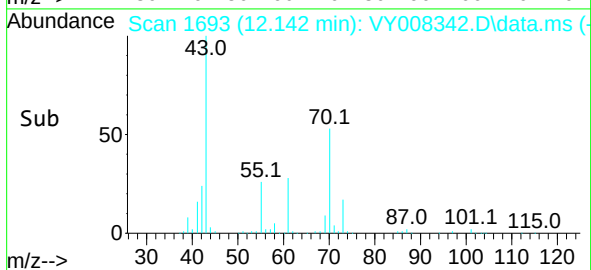
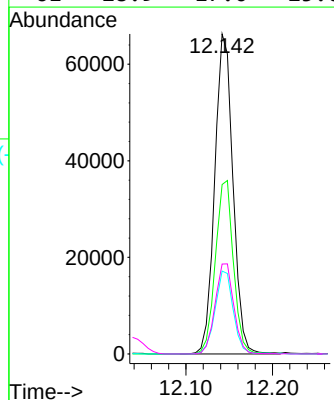
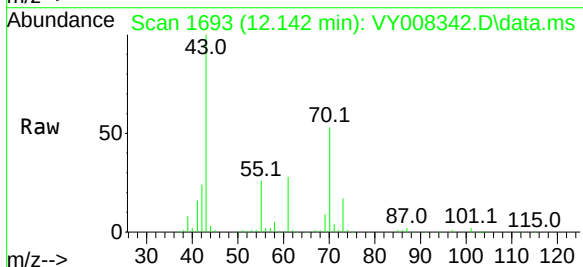
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

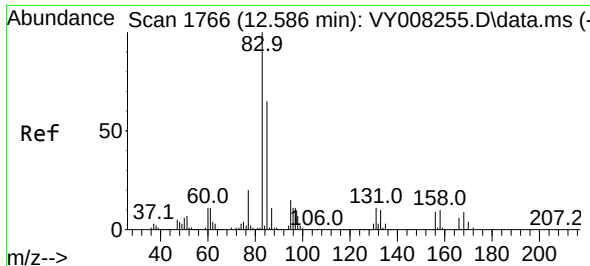
Tgt Ion:105 Resp: 432004
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2



#74
N-ethyl acetate
Concen: 58.661 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

Tgt Ion: 43 Resp: 96831
Ion Ratio Lower Upper
43 100
70 53.7 28.7 43.1#
55 26.0 17.3 25.9#
61 28.9 17.0 25.6#

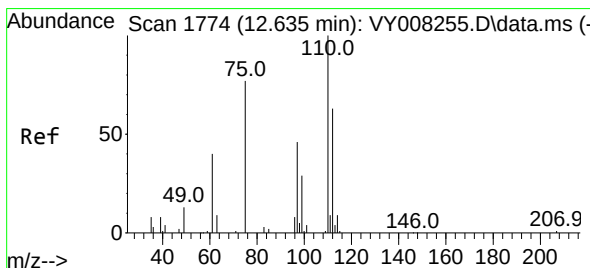
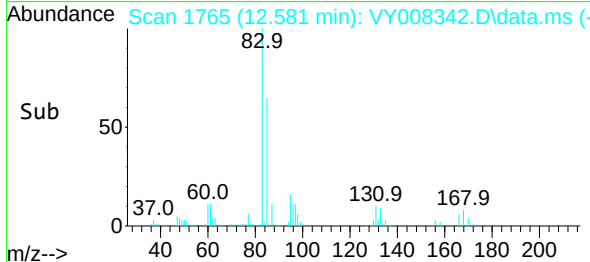
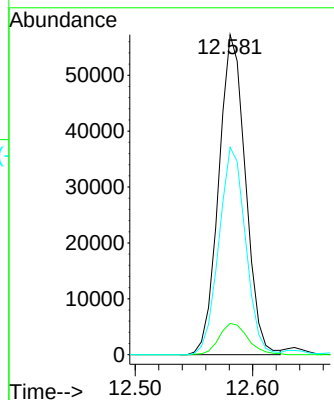
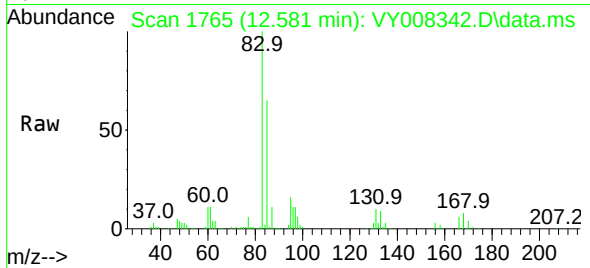




#75
 1,1,2,2-Tetrachloroethane
 Concen: 56.258 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.005 min
 Lab File: VY008342.D
 Acq: 15 Apr 2022 10:32

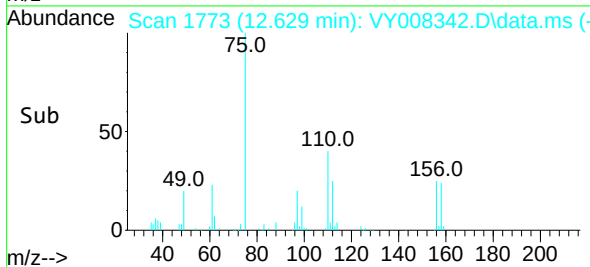
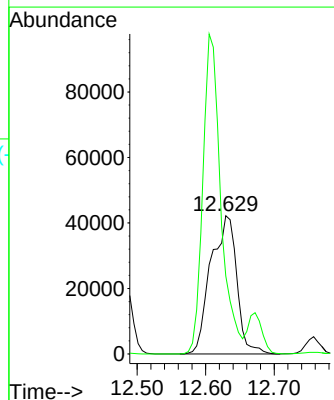
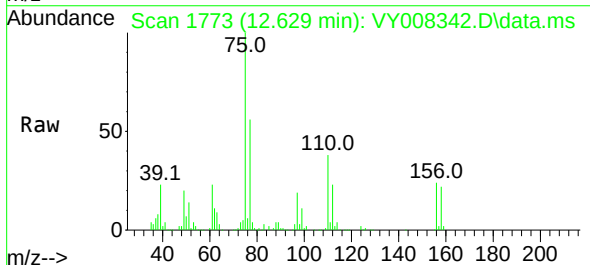
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

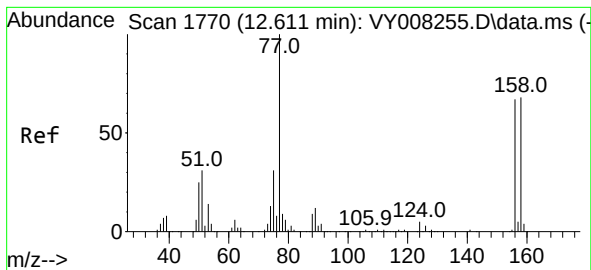
Tgt Ion: 83 Resp: 90508
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.6 16.8
 85 64.6 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 98.251 ug/l
 RT: 12.629 min Scan# 1773
 Delta R.T. -0.006 min
 Lab File: VY008342.D
 Acq: 15 Apr 2022 10:32

Tgt Ion: 75 Resp: 111123
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.056 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY008342.D

Acq: 15 Apr 2022 10:32

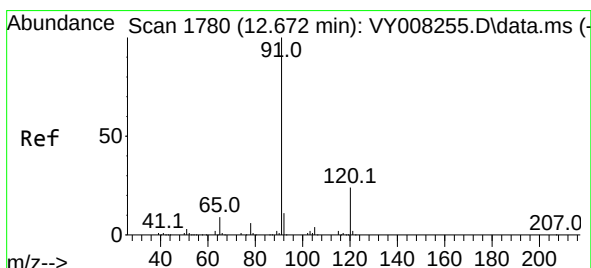
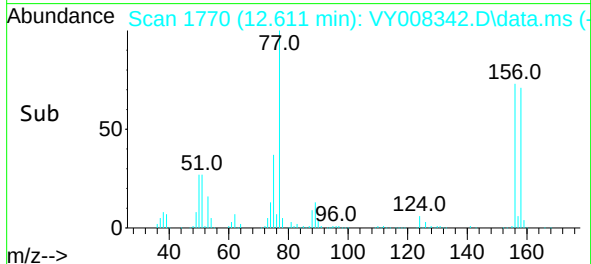
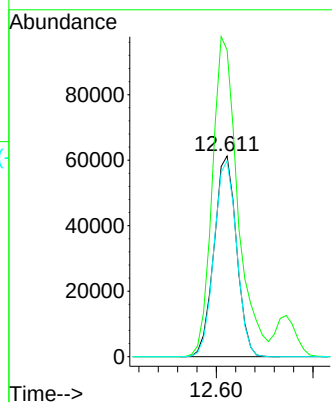
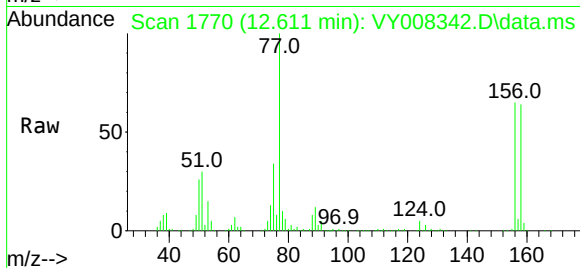
Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:	156	Resp:	98850
Ion	Ratio	Lower	Upper
156	100		
77	180.8	95.5	286.4
158	97.8	48.0	144.0



#78

n-propylbenzene

Concen: 57.037 ug/l

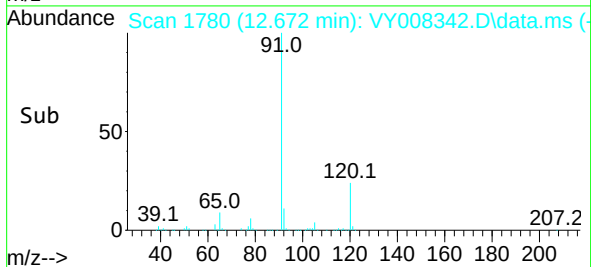
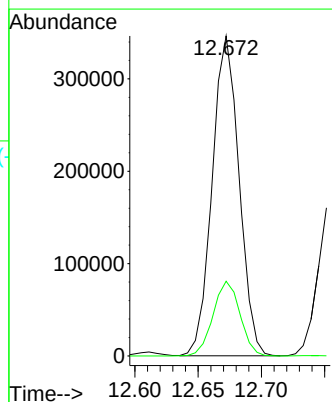
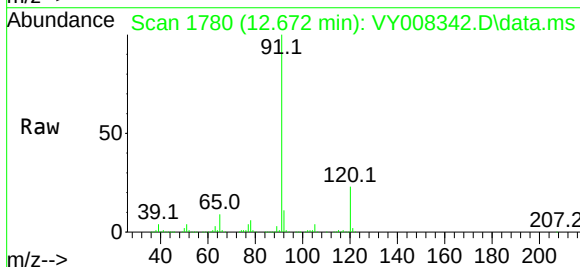
RT: 12.672 min Scan# 1780

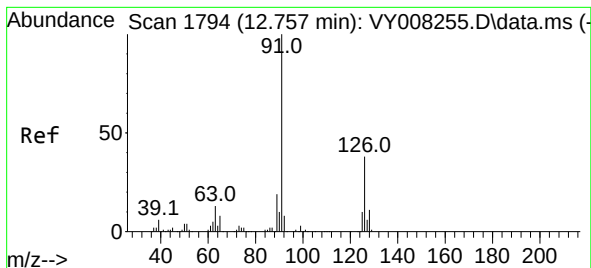
Delta R.T. 0.000 min

Lab File: VY008342.D

Acq: 15 Apr 2022 10:32

Tgt Ion:	91	Resp:	511725
Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.3	33.9





#79

2-Chlorotoluene

Concen: 56.977 ug/l

RT: 12.757 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008342.D

Acq: 15 Apr 2022 10:32

Instrument :

MSVOA_Y

ClientSampleId :

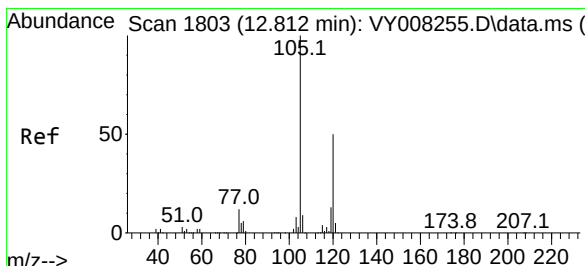
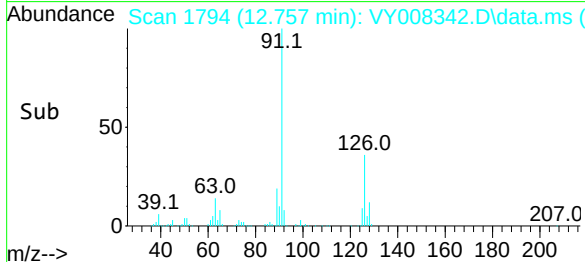
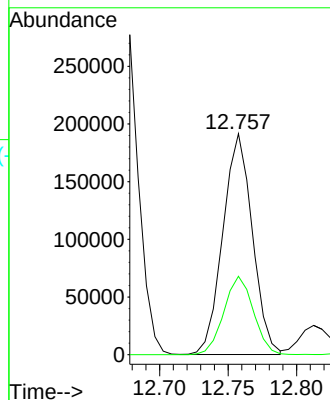
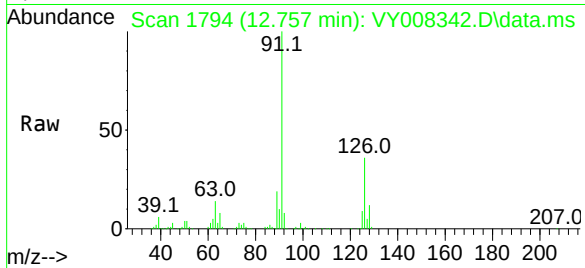
VSTDCCC050

Tgt Ion: 91 Resp: 286881

Ion Ratio Lower Upper

91 100

126 35.6 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 57.821 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY008342.D

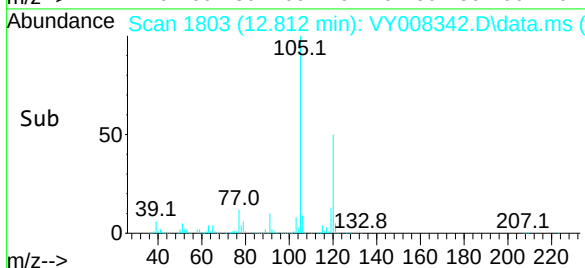
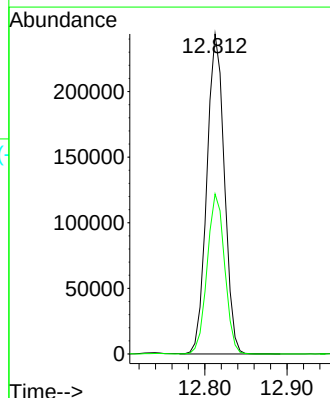
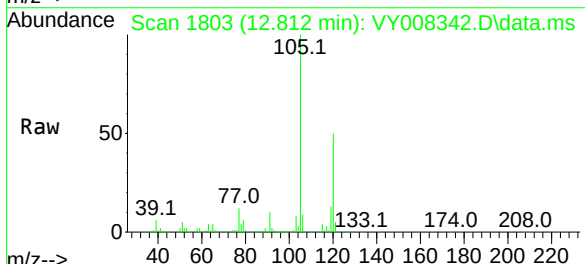
Acq: 15 Apr 2022 10:32

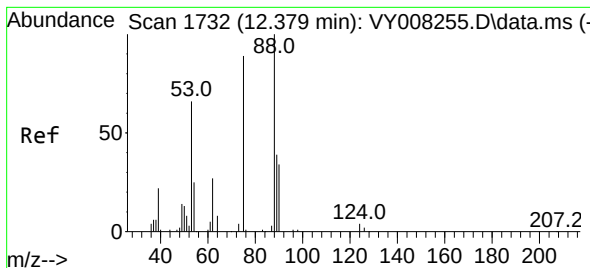
Tgt Ion: 105 Resp: 360483

Ion Ratio Lower Upper

105 100

120 50.0 24.4 73.4

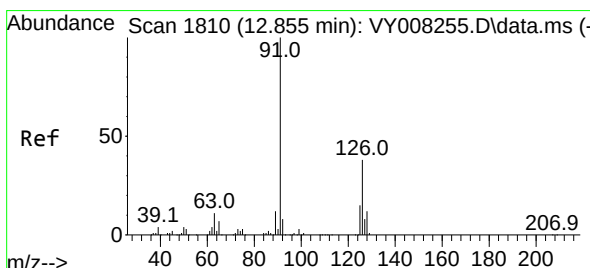
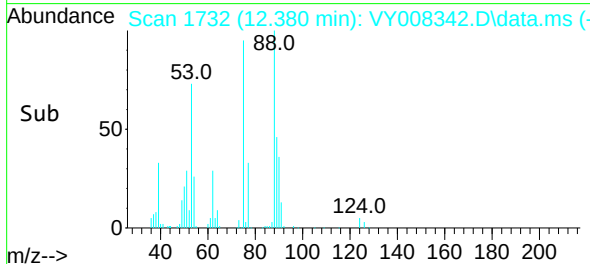
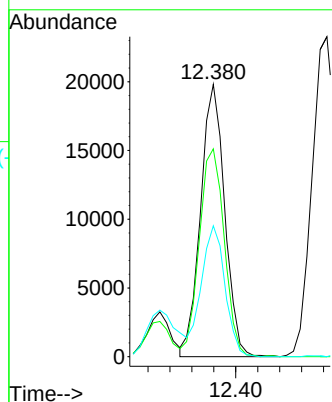
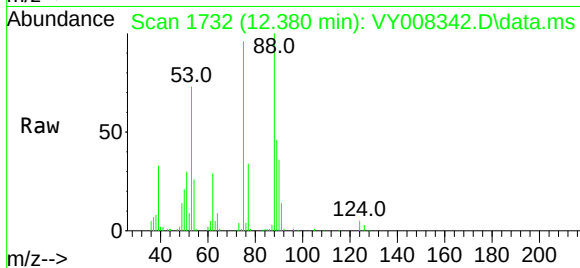




#81
trans-1,4-Dichloro-2-butene
Concen: 59.758 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

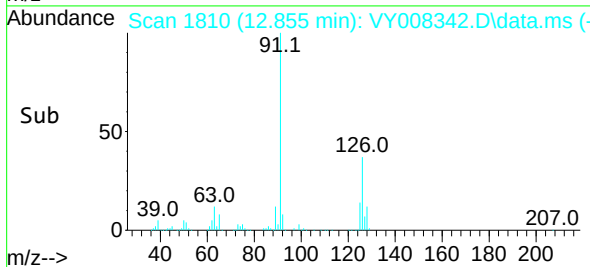
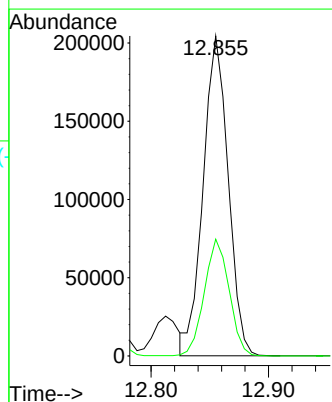
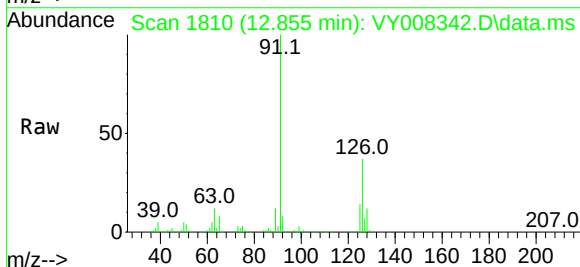
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

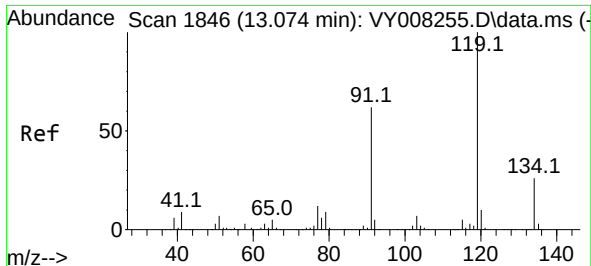
Tgt Ion: 75 Resp: 30207
Ion Ratio Lower Upper
75 100
53 79.1 85.3 127.9#
89 47.3 37.0 55.4



#82
4-Chlorotoluene
Concen: 58.460 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

Tgt Ion: 91 Resp: 302486
Ion Ratio Lower Upper
91 100
126 36.3 17.0 51.0

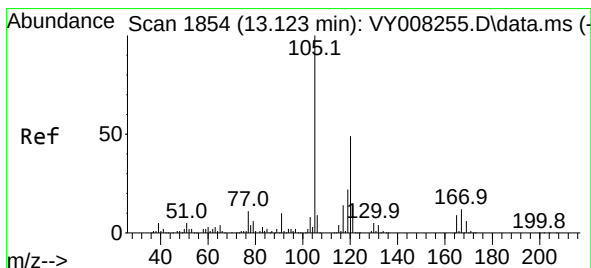
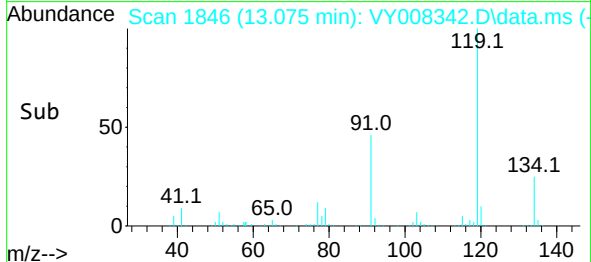
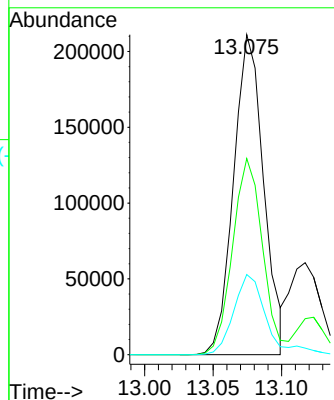
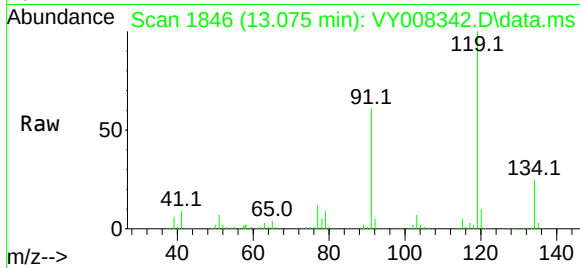




#83
tert-Butylbenzene
Concen: 57.765 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.001 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

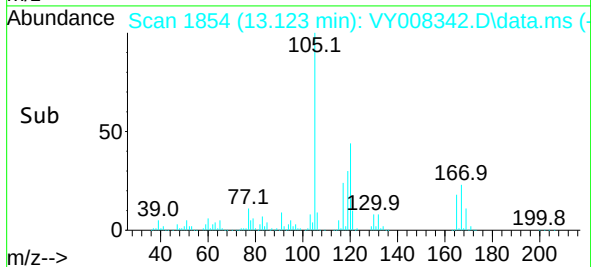
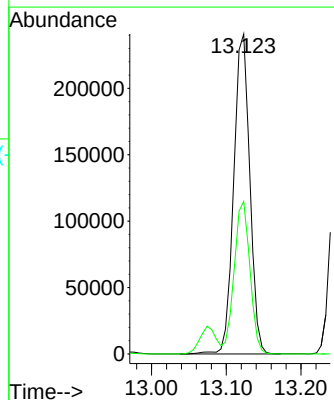
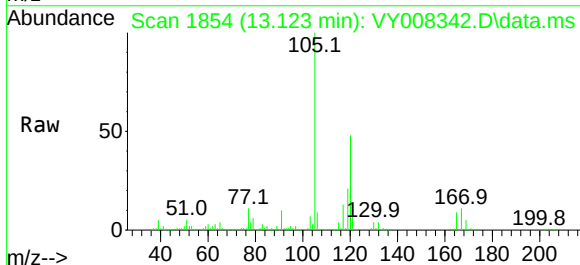
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

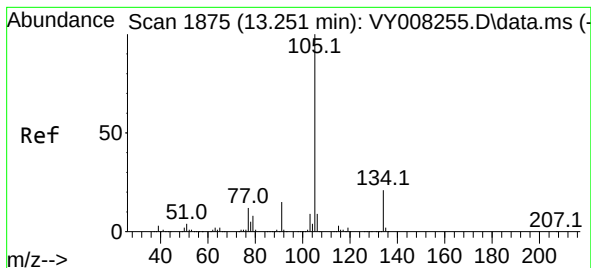
Tgt Ion:119 Resp: 323080
Ion Ratio Lower Upper
119 100
91 61.5 34.8 104.4
134 27.1 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 58.390 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

Tgt Ion:105 Resp: 360257
Ion Ratio Lower Upper
105 100
120 47.0 22.3 66.9





#85

sec-Butylbenzene

Concen: 57.751 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY008342.D

Acq: 15 Apr 2022 10:32

Instrument :

MSVOA_Y

ClientSampleId :

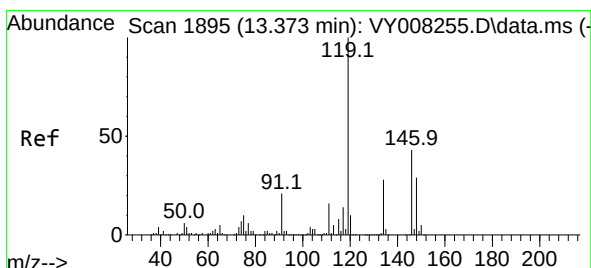
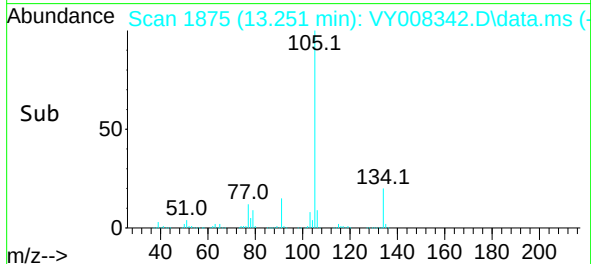
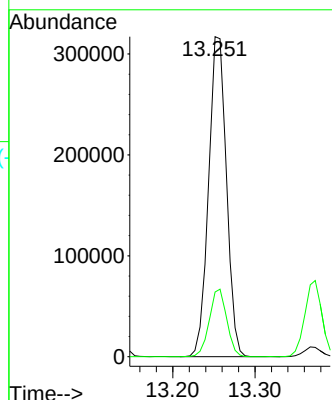
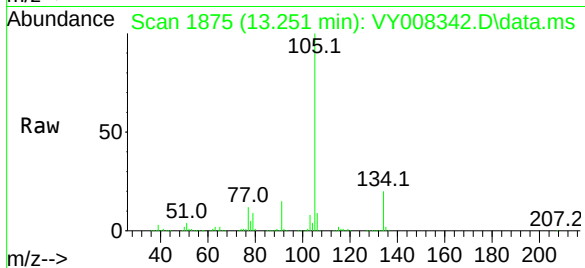
VSTDCCC050

Tgt Ion:105 Resp: 478867

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.4



#86

p-Isopropyltoluene

Concen: 58.593 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY008342.D

Acq: 15 Apr 2022 10:32

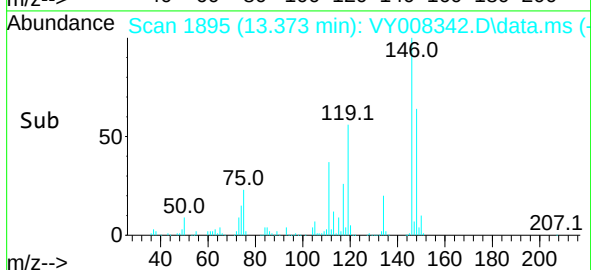
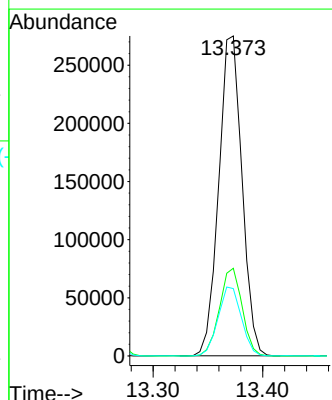
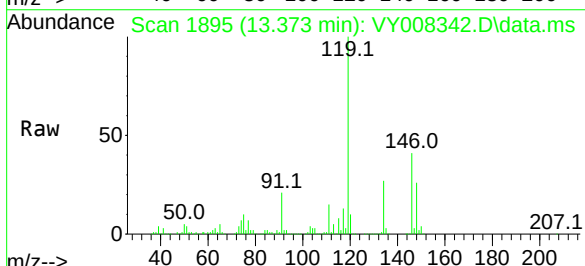
Tgt Ion:119 Resp: 405429

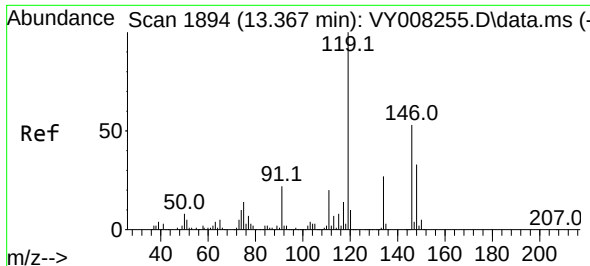
Ion Ratio Lower Upper

119 100

134 26.8 13.2 39.5

91 21.7 12.4 37.2

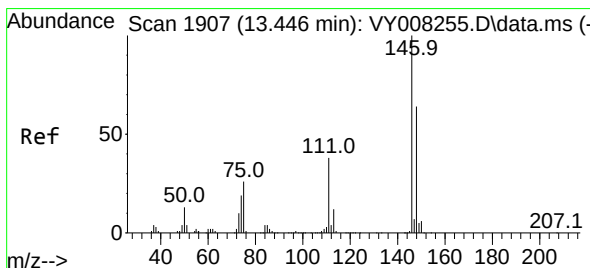
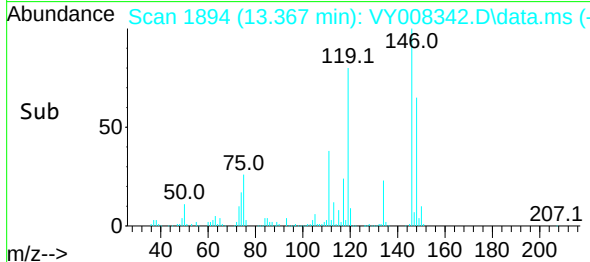
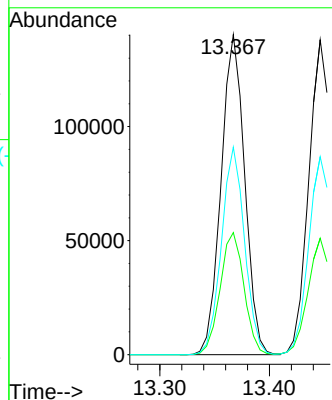
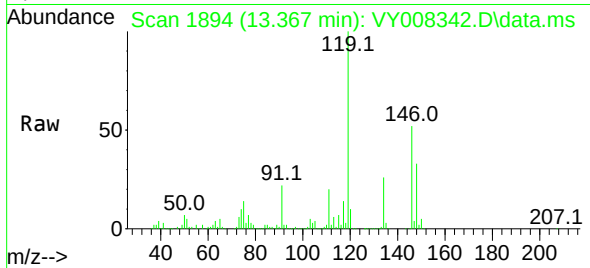




#87
1,3-Dichlorobenzene
Concen: 56.976 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

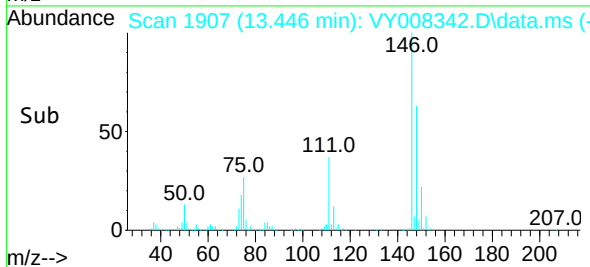
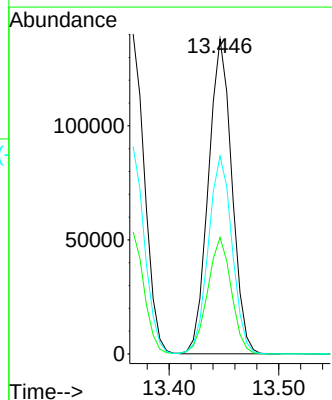
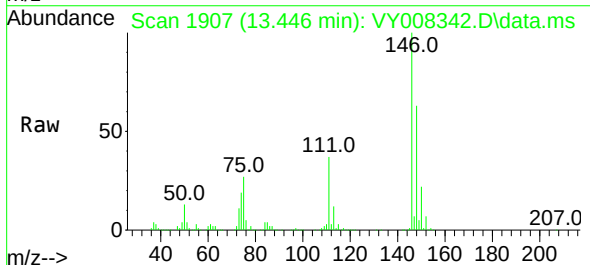
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

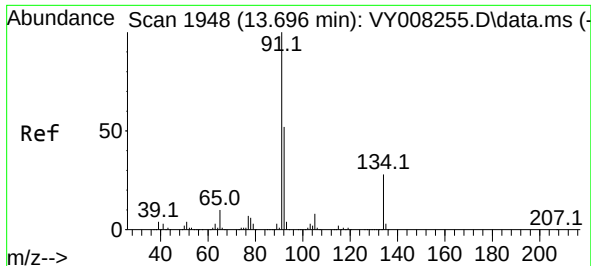
Tgt Ion:146 Resp: 210238
Ion Ratio Lower Upper
146 100
111 38.7 19.5 58.5
148 63.6 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 56.205 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

Tgt Ion:146 Resp: 205260
Ion Ratio Lower Upper
146 100
111 37.4 19.3 57.8
148 63.8 32.6 97.8

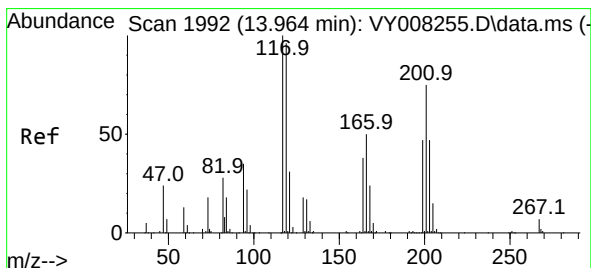
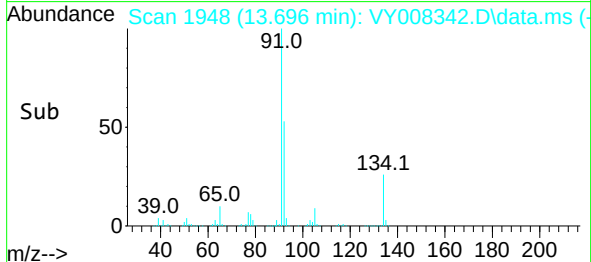
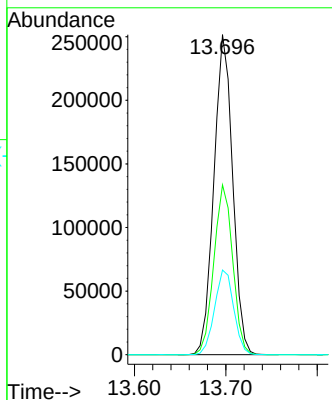
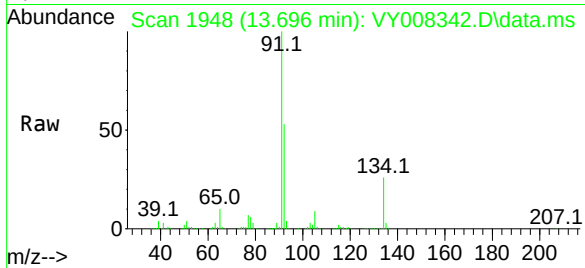




#89
n-Butylbenzene
Concen: 57.363 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

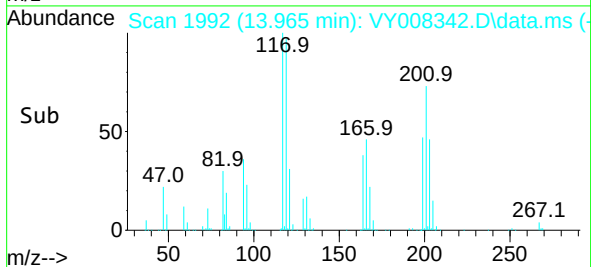
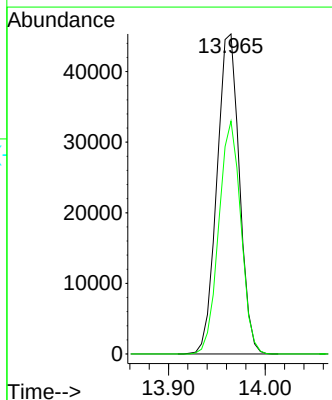
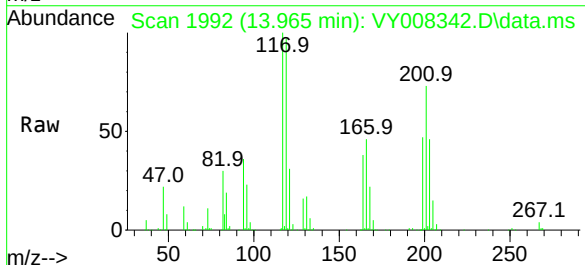
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

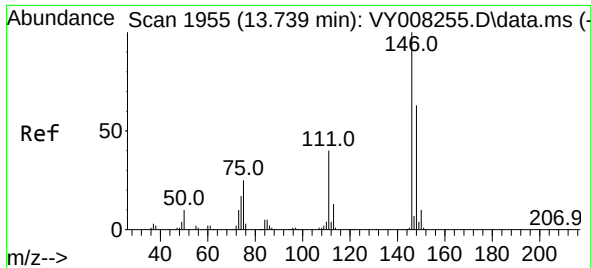
Tgt Ion: 91 Resp: 358617
Ion Ratio Lower Upper
91 100
92 53.2 26.3 78.9
134 27.0 13.0 38.9



#90
Hexachloroethane
Concen: 56.460 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.001 min
Lab File: VY008342.D
Acq: 15 Apr 2022 10:32

Tgt Ion: 117 Resp: 73018
Ion Ratio Lower Upper
117 100
201 71.6 43.0 128.8

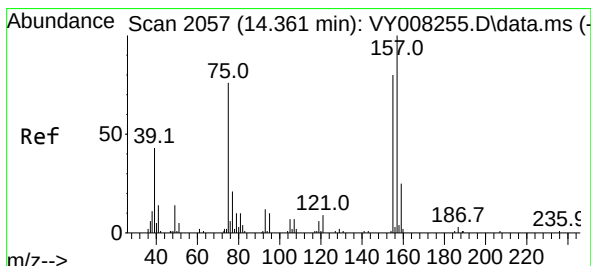
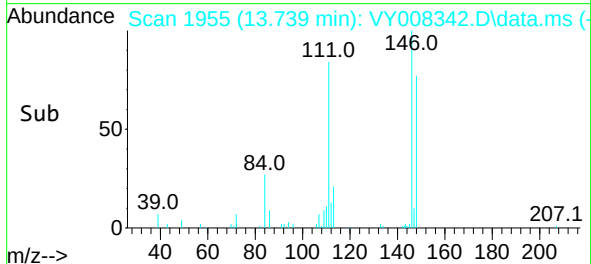
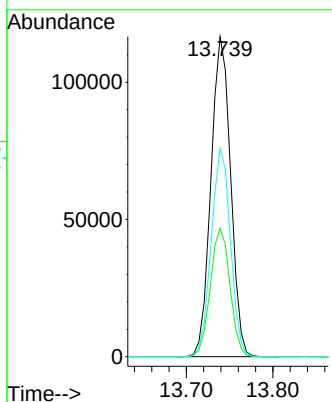
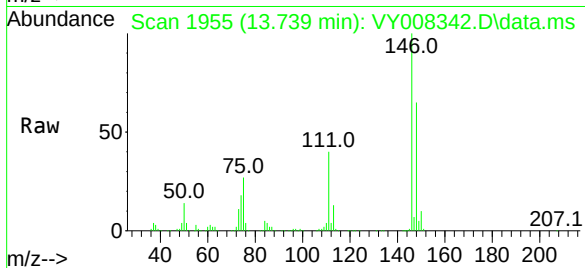




#91
 1,2-Dichlorobenzene
 Concen: 55.977 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY008342.D
 Acq: 15 Apr 2022 10:32

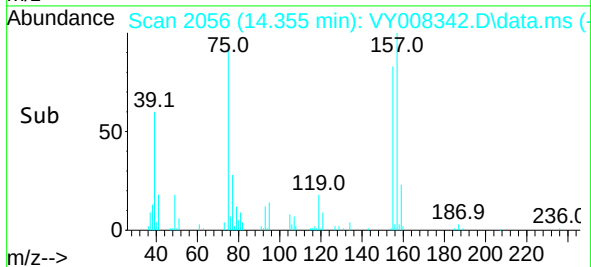
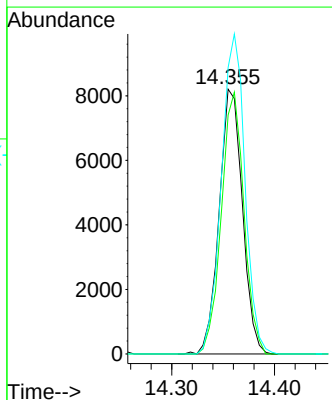
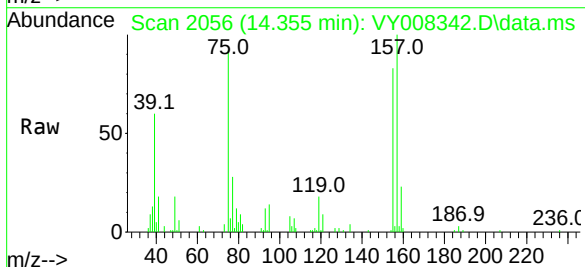
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

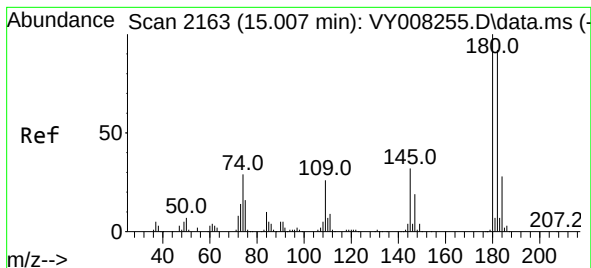
Tgt Ion:	146	Resp:	183763
Ion Ratio	Lower	Upper	
146	100		
111	40.0	20.3	60.9
148	63.8	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.874 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.006 min
 Lab File: VY008342.D
 Acq: 15 Apr 2022 10:32

Tgt Ion:	75	Resp:	12861
Ion Ratio	Lower	Upper	
75	100		
155	96.3	38.0	113.9
157	122.8	47.8	143.3





#93

1,2,4-Trichlorobenzene

Concen: 49.627 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY008342.D

Acq: 15 Apr 2022 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

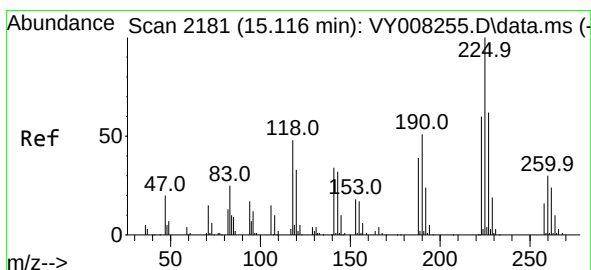
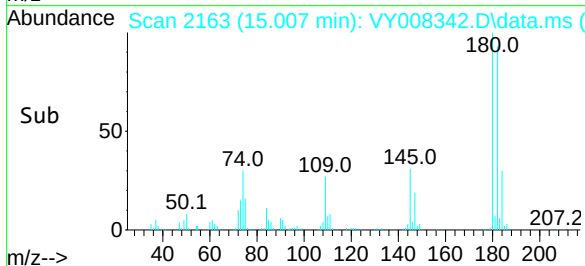
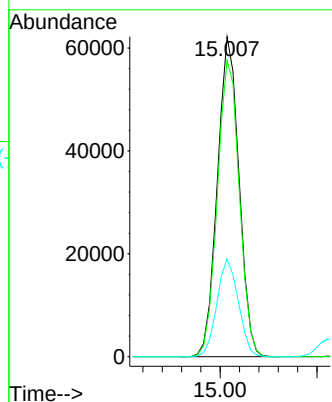
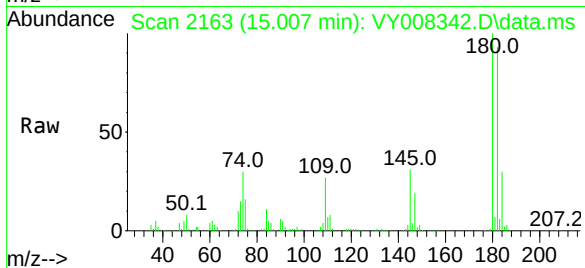
Tgt Ion:180 Resp: 96361

Ion Ratio Lower Upper

180 100

182 93.6 47.3 141.9

145 30.2 14.6 43.8



#94

Hexachlorobutadiene

Concen: 48.318 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.005 min

Lab File: VY008342.D

Acq: 15 Apr 2022 10:32

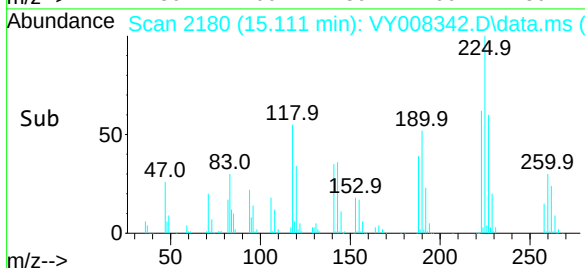
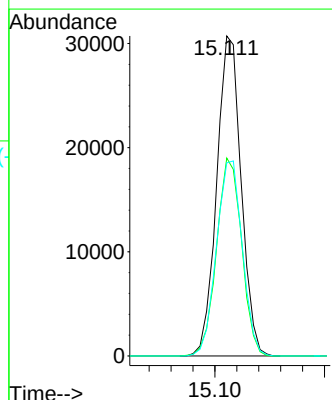
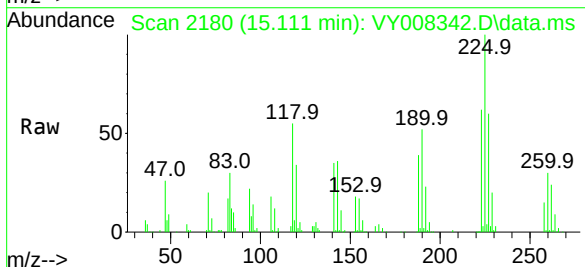
Tgt Ion:225 Resp: 47630

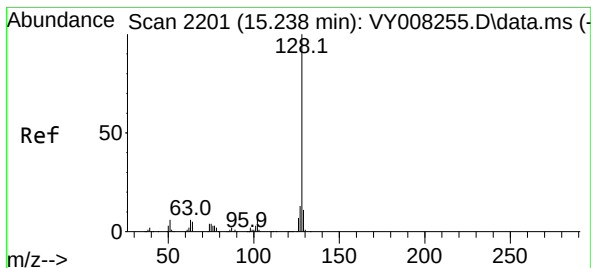
Ion Ratio Lower Upper

225 100

223 63.2 30.8 92.3

227 64.4 31.6 94.7





#95

Naphthalene

Concen: 51.184 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.001 min

Lab File: VY008342.D

Acq: 15 Apr 2022 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

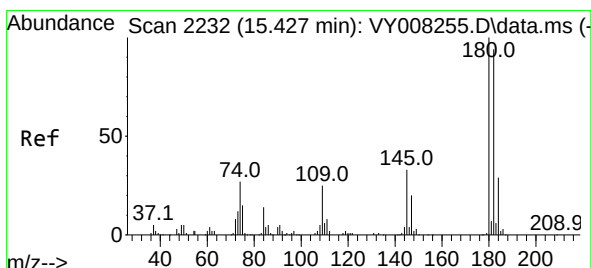
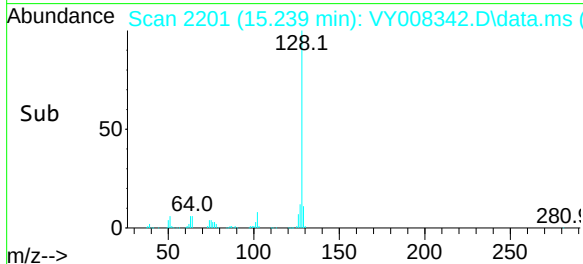
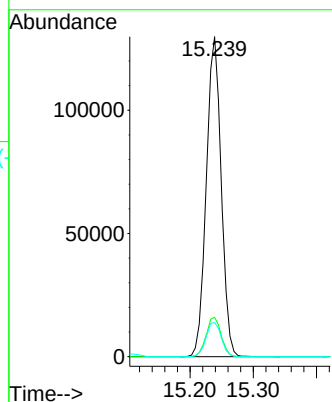
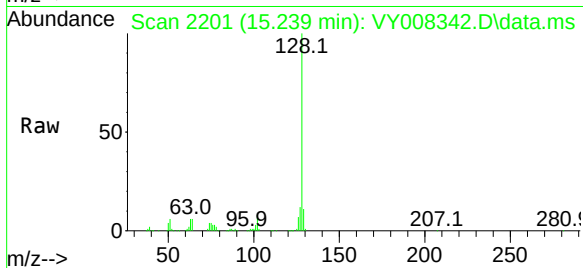
Tgt Ion:128 Resp: 212887

Ion Ratio Lower Upper

128 100

127 12.5 11.0 16.4

129 10.9 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 48.294 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.001 min

Lab File: VY008342.D

Acq: 15 Apr 2022 10:32

Tgt Ion:180 Resp: 82059

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.9

145 32.1 15.3 45.9

