

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070522\
 Data File : VY009443.D
 Acq On : 05 Jul 2022 17:27
 Operator : KP/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jul 06 04:52:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	170935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	272782	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	255700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	129208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	66326	48.444	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.880%
35) Dibromofluoromethane	7.709	113	73695	49.087	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.180%
50) Toluene-d8	10.172	98	223891	48.639	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	97.280%
62) 4-Bromofluorobenzene	12.477	95	112190	51.390	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	102.780%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	54882	38.999	ug/l	96
3) Chloromethane	2.107	50	60588	39.569	ug/l	94
4) Vinyl Chloride	2.241	62	71882	40.581	ug/l	97
5) Bromomethane	2.637	94	45845	40.334	ug/l	95
6) Chloroethane	2.777	64	42803	45.321	ug/l	99
7) Trichlorofluoromethane	3.113	101	104202	44.341	ug/l	97
8) Diethyl Ether	3.521	74	43221	47.071	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.881	101	74255	44.080	ug/l	96
10) Methyl Iodide	4.076	142	88658	47.947	ug/l	91
11) Tert butyl alcohol	4.942	59	53006	238.449	ug/l #	95
12) 1,1-Dichloroethene	3.856	96	68615	44.654	ug/l	86
13) Acrolein	3.722	56	20858	182.534	ug/l	100
14) Allyl chloride	4.466	41	126726	45.009	ug/l	94
15) Acrylonitrile	5.149	53	124885	240.090	ug/l	98
16) Acetone	3.942	43	97133	216.022	ug/l	95
17) Carbon Disulfide	4.180	76	165362	38.687	ug/l	100
18) Methyl Acetate	4.466	43	58863	50.680	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	228136	49.506	ug/l	100
20) Methylene Chloride	4.698	84	86921	41.094	ug/l	93
21) trans-1,2-Dichloroethene	5.204	96	79418	43.170	ug/l	93
22) Diisopropyl ether	6.106	45	293409	49.380	ug/l	94
23) Vinyl Acetate	6.051	43	948959	254.944	ug/l	96
24) 1,1-Dichloroethane	6.002	63	152292	45.587	ug/l	98
25) 2-Butanone	6.978	43	171056	239.958	ug/l	94
26) 2,2-Dichloropropane	6.972	77	141138	44.638	ug/l	95
27) cis-1,2-Dichloroethene	6.972	96	99490	46.551	ug/l	92
28) Bromochloromethane	7.325	49	74403	51.868	ug/l	87
29) Tetrahydrofuran	7.338	42	114520	250.576	ug/l	92
30) Chloroform	7.496	83	162326	47.277	ug/l	99
31) Cyclohexane	7.777	56	128447	41.711	ug/l	97
32) 1,1,1-Trichloroethane	7.691	97	141307	45.957	ug/l	96
36) 1,1-Dichloropropene	7.911	75	117800	44.875	ug/l	97
37) Ethyl Acetate	7.063	43	75971	48.801	ug/l #	94
38) Carbon Tetrachloride	7.892	117	126107	45.961	ug/l	99
39) Methylcyclohexane	9.179	83	138718	44.649	ug/l	91
40) Benzene	8.155	78	350807	45.697	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	104996	119.384	ug/l #	1
42) 1,2-Dichloroethane	8.228	62	104534	47.470	ug/l	90
43) Isopropyl Acetate	8.264	43	144830	50.672	ug/l	94
44) Trichloroethene	8.929	130	99278	46.544	ug/l	99
45) 1,2-Dichloropropane	9.209	63	93502	48.084	ug/l	97
46) Dibromomethane	9.295	93	52513	47.139	ug/l	96
47) Bromodichloromethane	9.490	83	126504	47.952	ug/l	99
48) Methyl methacrylate	9.288	41	63134	51.239	ug/l #	88
49) 1,4-Dioxane	9.288	88	15799	1017.416	ug/l	94
51) 4-Methyl-2-Pentanone	10.063	43	378063	256.549	ug/l	92
52) Toluene	10.239	92	227225	46.914	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	134870	51.107	ug/l	99
54) cis-1,3-Dichloropropene	9.922	75	153076	48.582	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	77628	52.377	ug/l	97
56) Ethyl methacrylate	10.502	69	107639	56.897	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	130346	49.645	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	301913	288.239	ug/l	97
59) 2-Hexanone	10.825	43	257383	252.837	ug/l	90
60) Dibromochloromethane	10.977	129	94989	50.643	ug/l	99
61) 1,2-Dibromoethane	11.081	107	74765	50.246	ug/l	100
64) Tetrachloroethene	10.715	164	110719	46.510	ug/l	98
65) Chlorobenzene	11.508	112	252621	46.173	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	95960	47.815	ug/l	97
67) Ethyl Benzene	11.587	91	445260	46.912	ug/l	98
68) m/p-Xylenes	11.697	106	346194	91.218	ug/l	93
69) o-Xylene	12.026	106	167724	46.829	ug/l	94
70) Styrene	12.038	104	283966	47.853	ug/l	96
71) Bromoform	12.203	173	62242	49.359	ug/l #	99
73) Isopropylbenzene	12.324	105	446877	46.825	ug/l	99
74) N-amyl acetate	12.135	43	122510	48.938	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.574	83	85426	46.209	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	118430	78.268	ug/l #	100
77) Bromobenzene	12.605	156	107569	47.283	ug/l	93
78) n-propylbenzene	12.666	91	537690	46.316	ug/l	98
79) 2-Chlorotoluene	12.751	91	300751	45.896	ug/l	96
80) 1,3,5-Trimethylbenzene	12.806	105	368894	46.222	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	31853	46.870	ug/l	88
82) 4-Chlorotoluene	12.849	91	308249	45.266	ug/l	96
83) tert-Butylbenzene	13.068	119	338455	50.475	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	368309	48.564	ug/l	98
85) sec-Butylbenzene	13.251	105	487745	48.295	ug/l	99
86) p-Isopropyltoluene	13.367	119	405137	47.704	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	210241	46.776	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	207593	44.885	ug/l	99
89) n-Butylbenzene	13.690	91	379749	47.590	ug/l	98
90) Hexachloroethane	13.958	117	79714	47.342	ug/l	88
91) 1,2-Dichlorobenzene	13.733	146	189776	46.554	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	15283	49.327	ug/l	76
93) 1,2,4-Trichlorobenzene	15.001	180	117200	48.434	ug/l	99
94) Hexachlorobutadiene	15.111	225	64071	47.166	ug/l	99
95) Naphthalene	15.233	128	255370	52.709	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	101485	48.274	ug/l	98

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ClientSampleId :
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QLast Update : Wed Jun 29 17:35:34 2022
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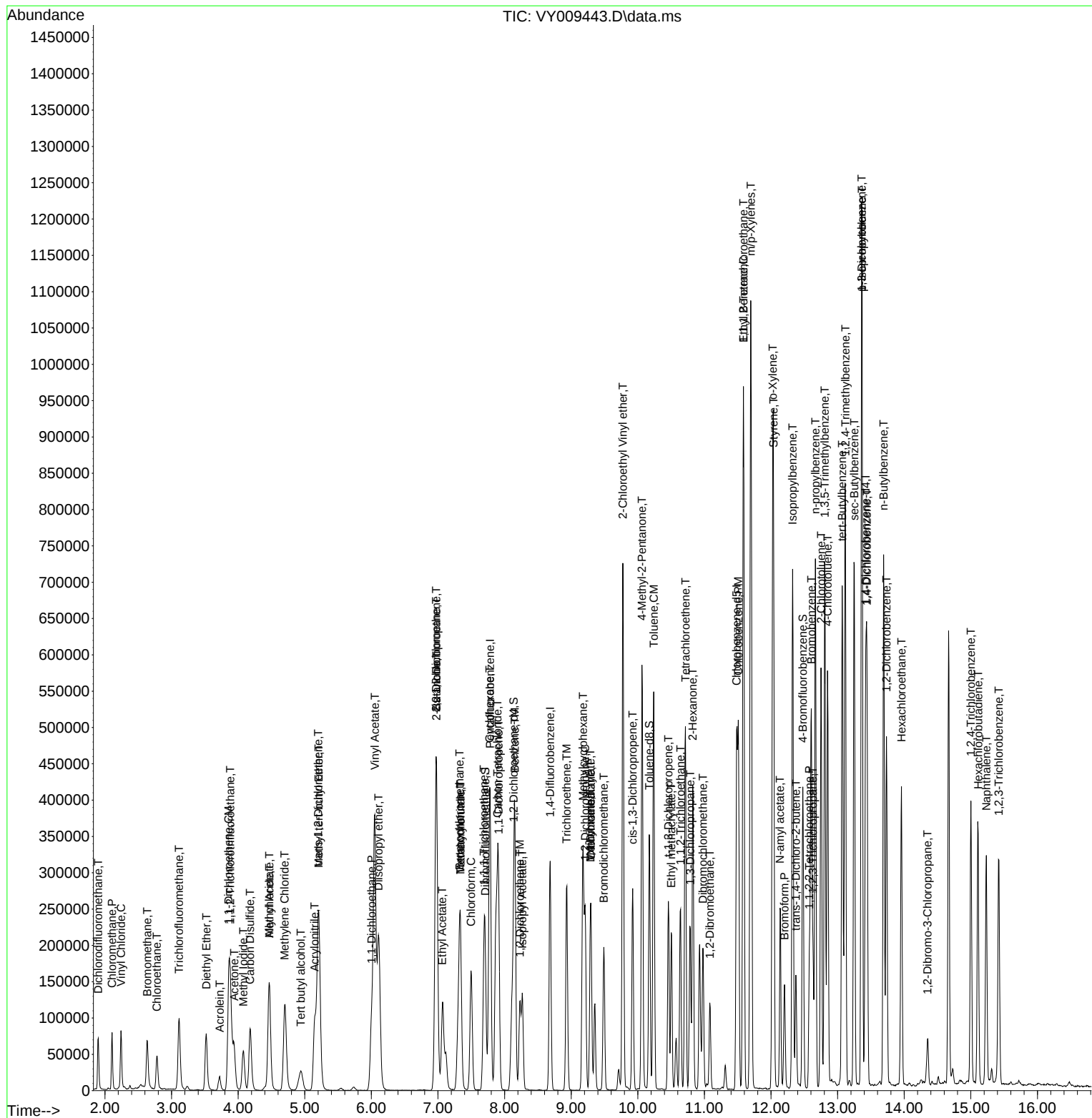
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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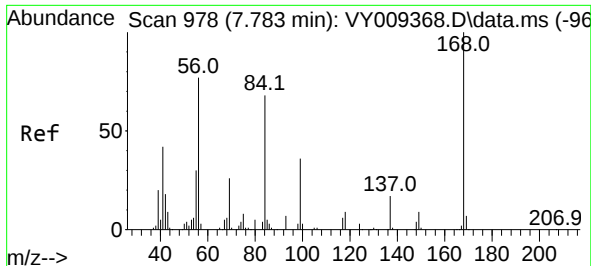
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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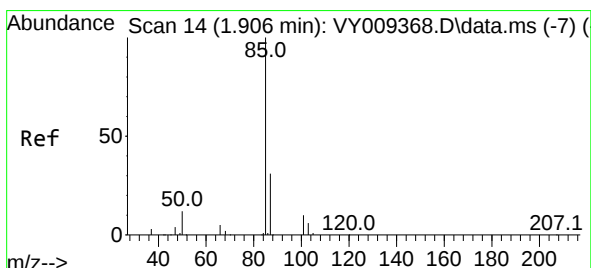
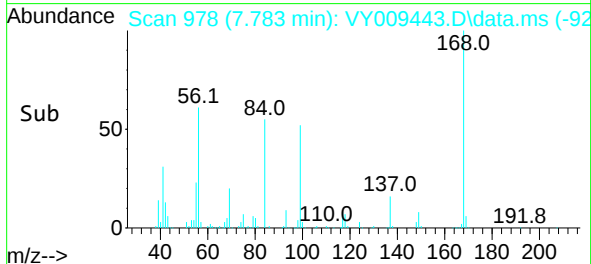
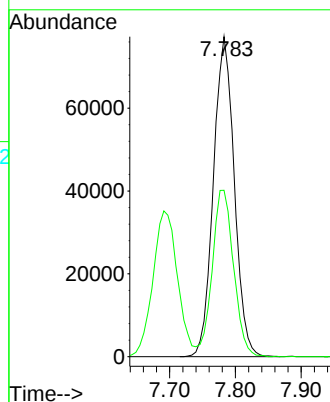
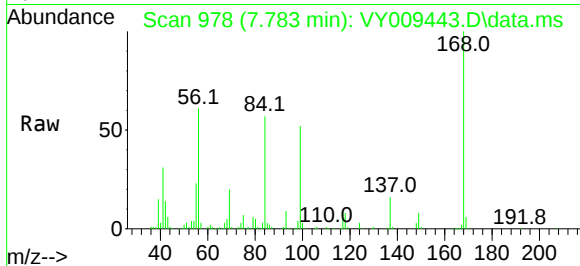




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009443.D
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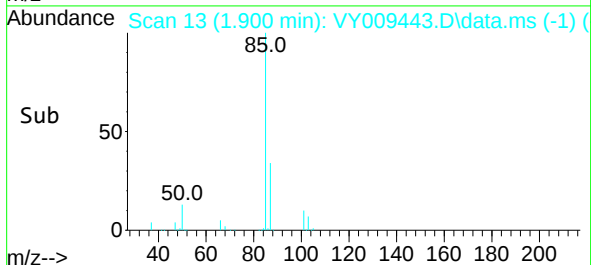
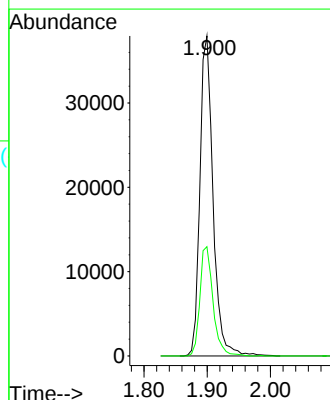
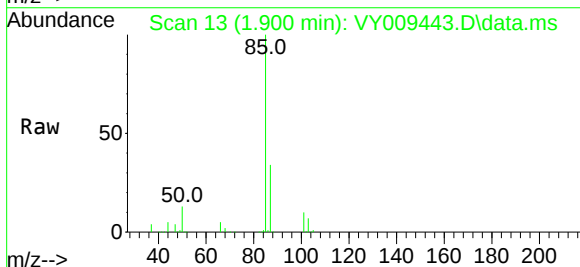
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

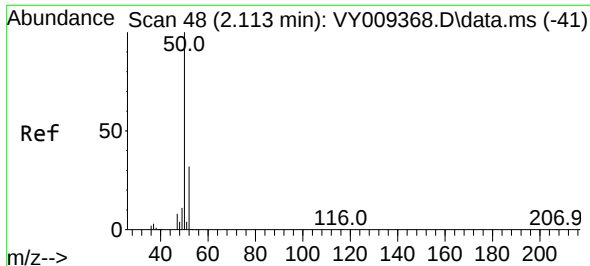
Tgt Ion:168 Resp: 170935
Ion Ratio Lower Upper
168 100
99 52.0 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 38.999 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

Tgt Ion: 85 Resp: 54882
Ion Ratio Lower Upper
85 100
87 34.1 16.1 48.2

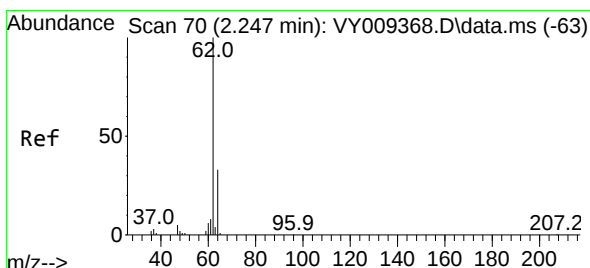
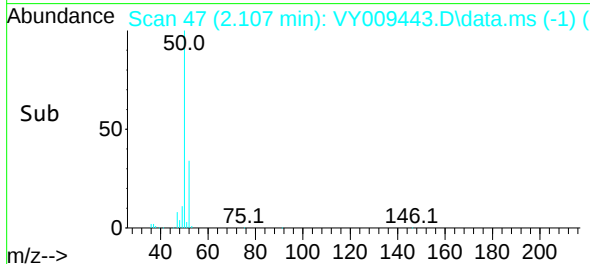
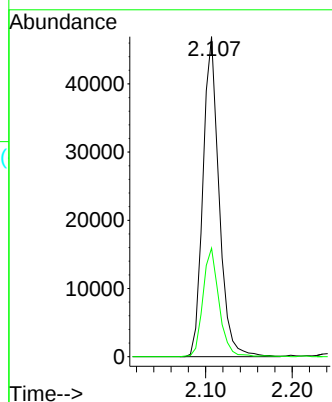
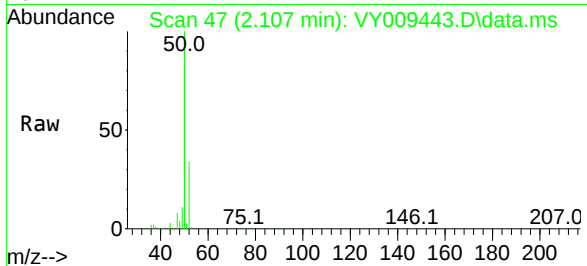




#3
Chloromethane
Concen: 39.569 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

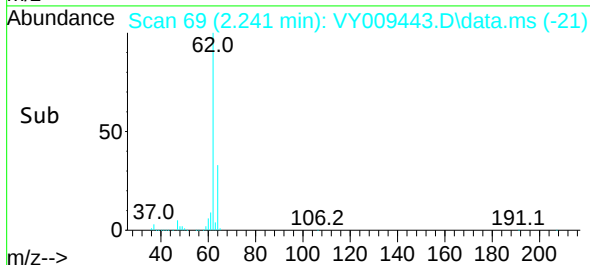
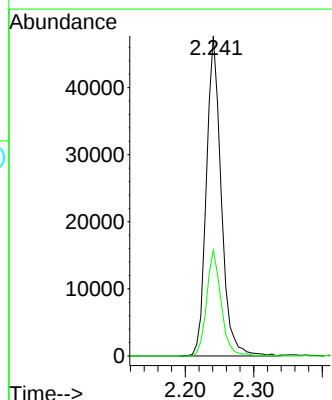
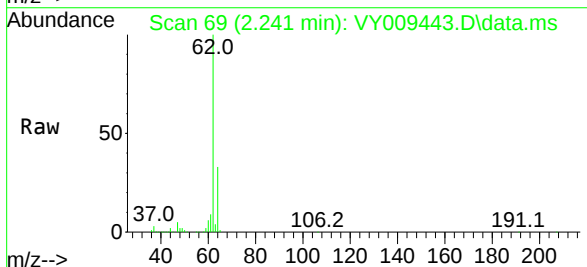
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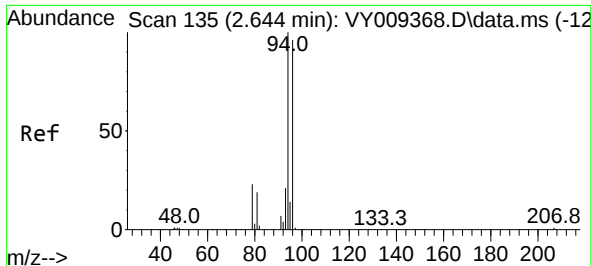
Tgt Ion: 50 Resp: 60588
Ion Ratio Lower Upper
50 100
52 33.9 24.6 37.0



#4
Vinyl Chloride
Concen: 40.581 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

Tgt Ion: 62 Resp: 71882
Ion Ratio Lower Upper
62 100
64 33.1 25.0 37.6

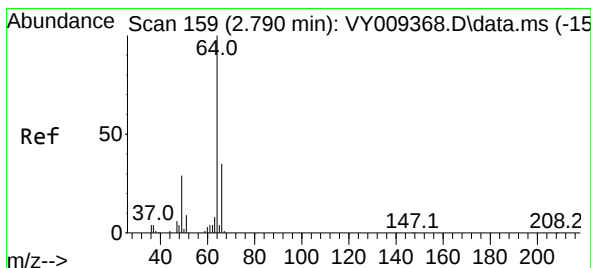
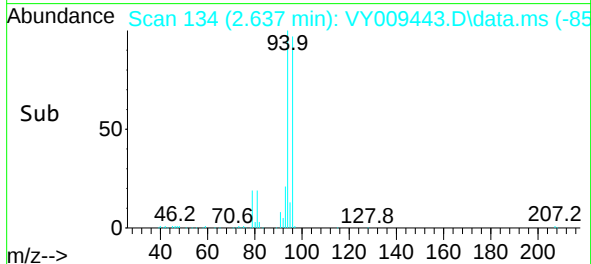
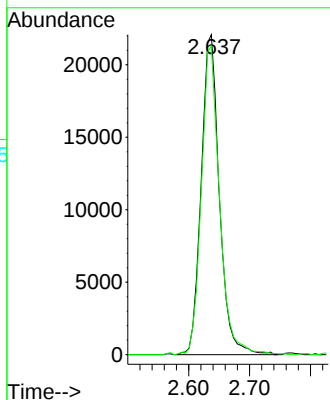
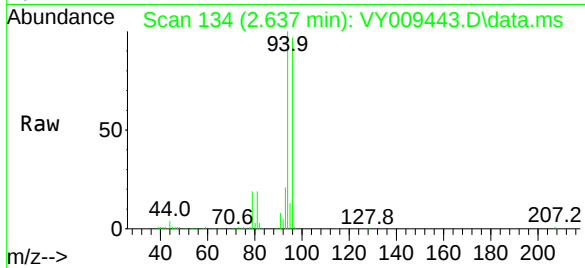




#5
Bromomethane
Concen: 40.334 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009443.D
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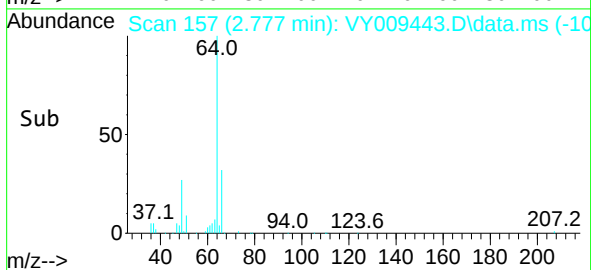
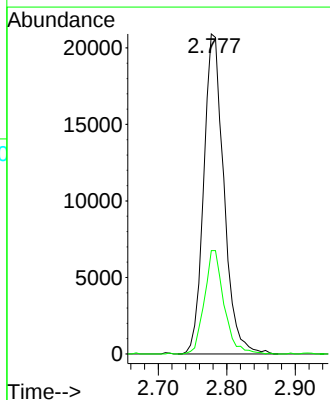
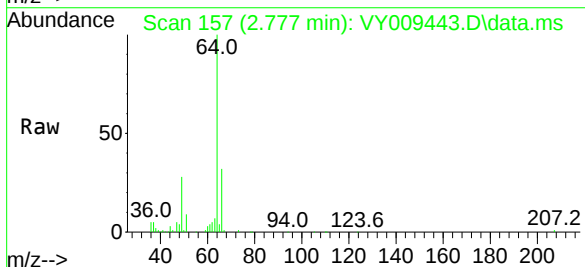
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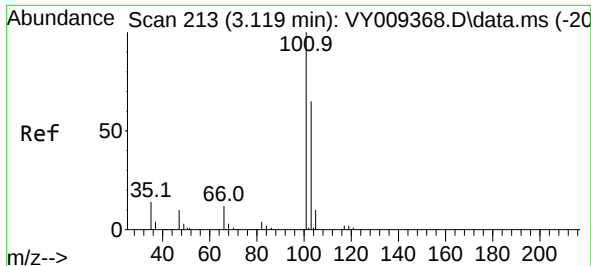
Tgt Ion: 94 Resp: 45845
Ion Ratio Lower Upper
94 100
96 96.2 73.5 110.3



#6
Chloroethane
Concen: 45.321 ug/l
RT: 2.777 min Scan# 157
Delta R.T. -0.007 min
Lab File: VY009443.D
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Tgt Ion: 64 Resp: 42803
Ion Ratio Lower Upper
64 100
66 32.3 25.4 38.0

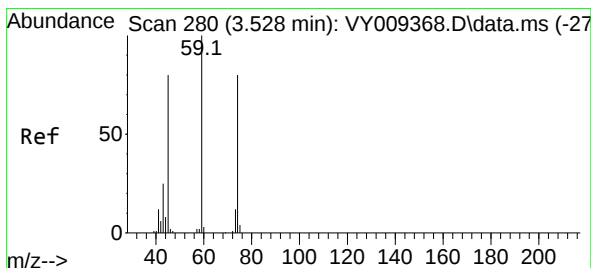
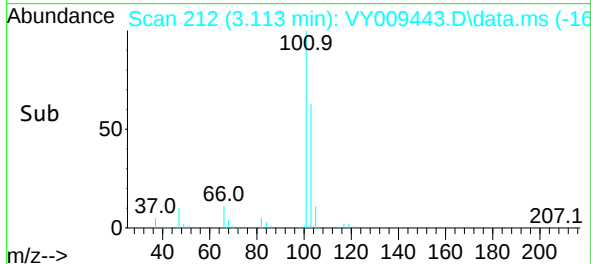
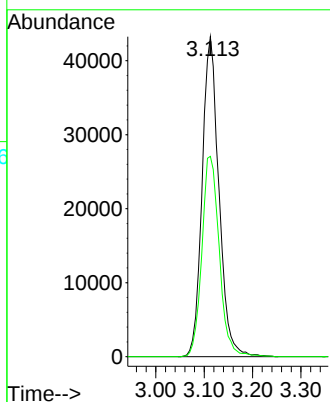
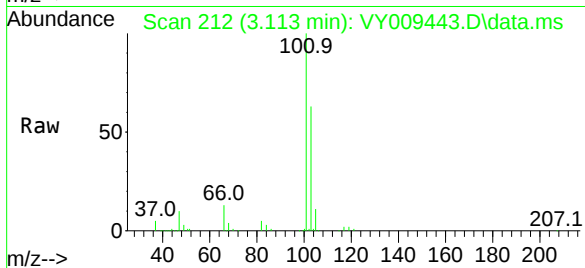




#7
Trichlorofluoromethane
Concen: 44.341 ug/l
RT: 3.113 min Scan# 213
Delta R.T. -0.006 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

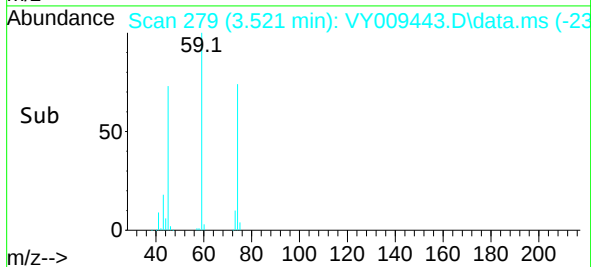
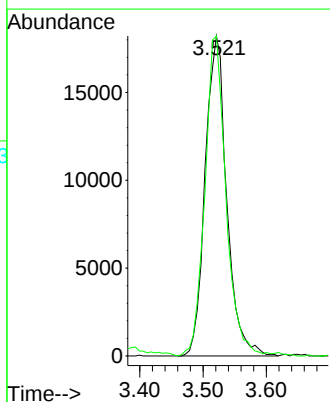
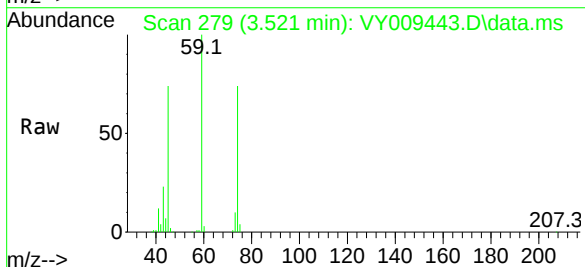
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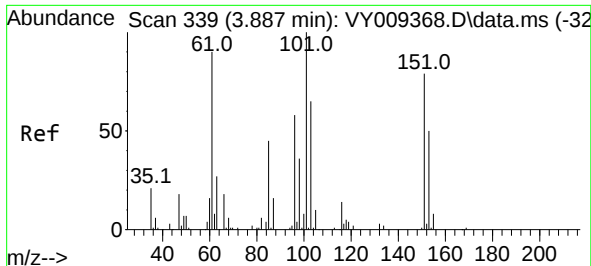
Tgt Ion:101 Resp: 104202
Ion Ratio Lower Upper
101 100
103 62.6 48.0 72.0



#8
Diethyl Ether
Concen: 47.071 ug/l
RT: 3.521 min Scan# 279
Delta R.T. 0.000 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

Tgt Ion: 74 Resp: 43221
Ion Ratio Lower Upper
74 100
45 98.0 55.1 165.5

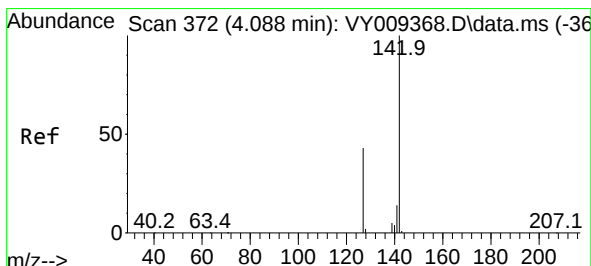
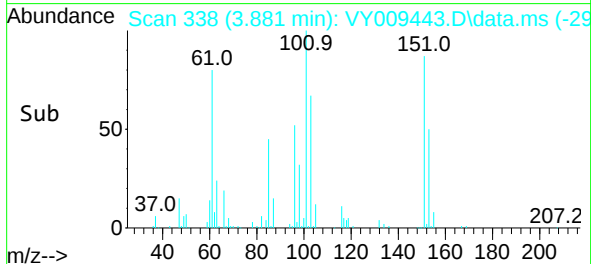
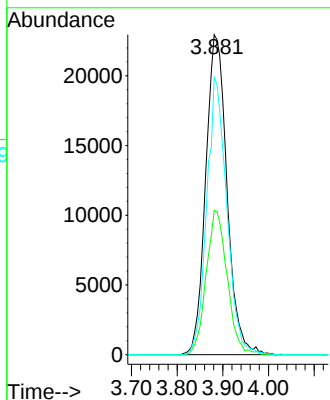
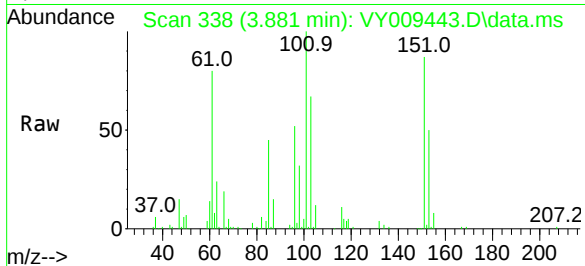




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.080 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

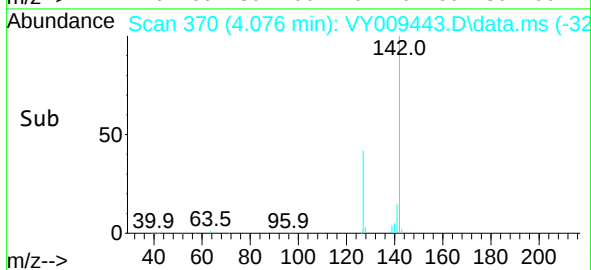
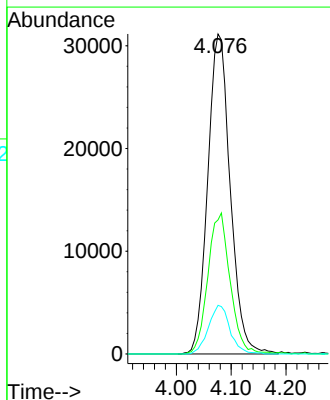
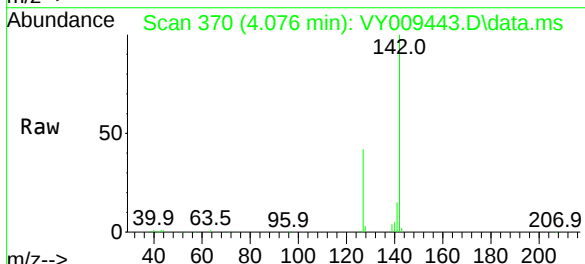
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

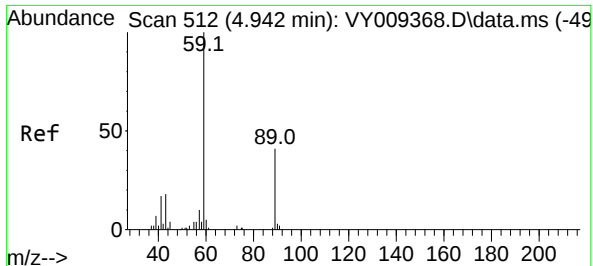
Tgt Ion:101 Resp: 74255
Ion Ratio Lower Upper
101 100
85 44.5 40.6 60.8
151 81.6 64.9 97.3



#10
Methyl Iodide
Concen: 47.947 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

Tgt Ion:142 Resp: 88658
Ion Ratio Lower Upper
142 100
127 43.6 41.5 62.3
141 14.6 11.9 17.9

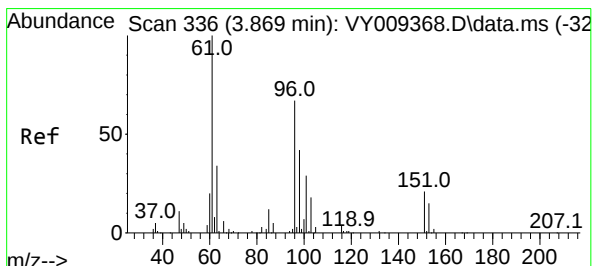
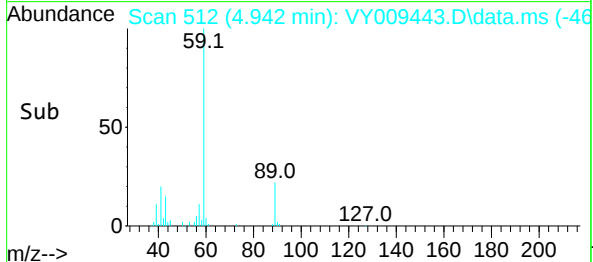
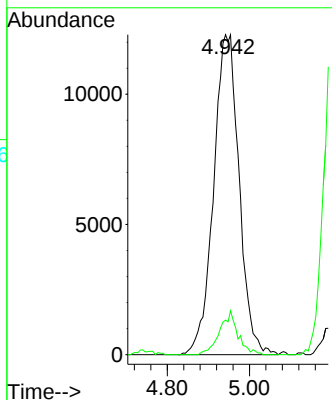
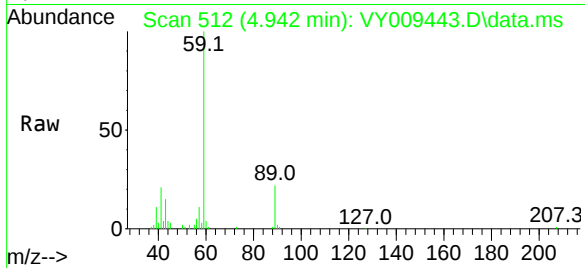




#11
Tert butyl alcohol
Concen: 238.449 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

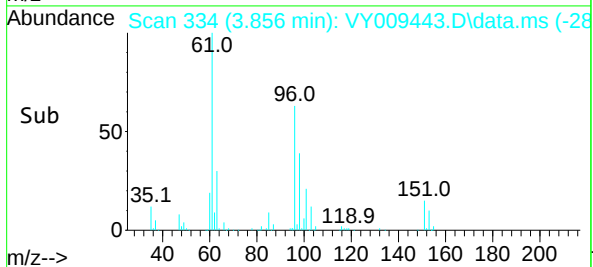
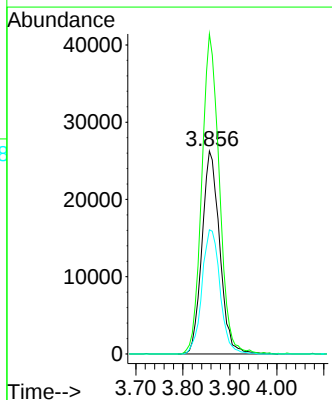
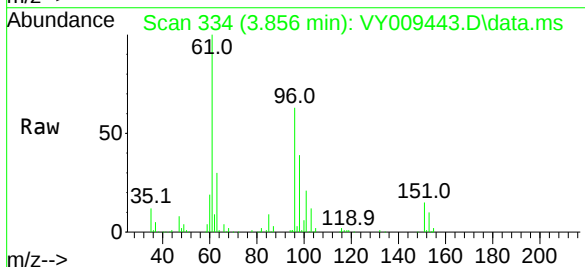
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

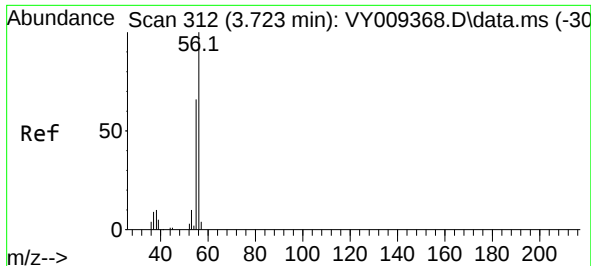
Tgt Ion: 59 Resp: 53006
Ion Ratio Lower Upper
59 100
57 9.8 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 44.654 ug/l
RT: 3.856 min Scan# 334
Delta R.T. -0.007 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

Tgt Ion: 96 Resp: 68615
Ion Ratio Lower Upper
96 100
61 157.7 145.8 218.6
98 61.2 52.5 78.7





#13

Acrolein

Concen: 182.534 ug/l

RT: 3.722 min Scan# 312

Delta R.T. -0.001 min

Lab File: VY009443.D

Acq: 05 Jul 2022 17:27

Instrument :

MSVOA_Y

ClientSampleId :

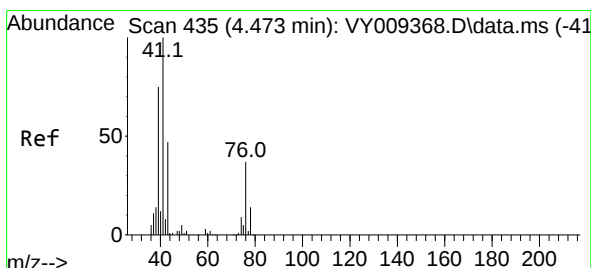
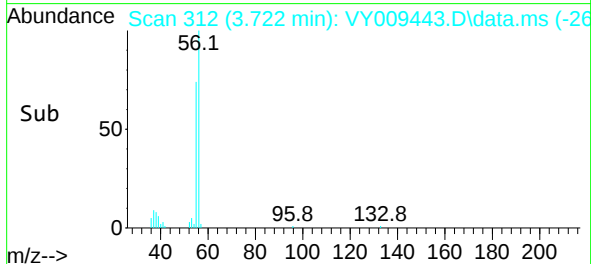
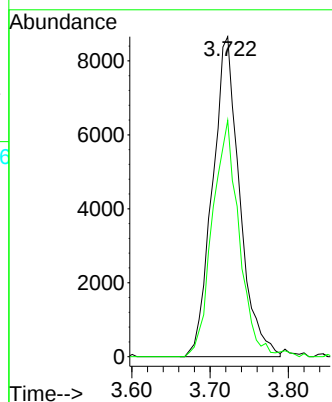
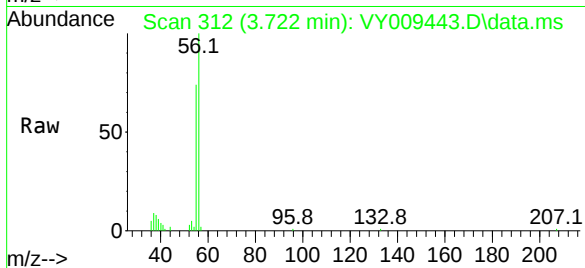
VSTDCCC050EC

Tgt Ion: 56 Resp: 20858

Ion Ratio Lower Upper

56 100

55 72.3 57.6 86.4



#14

Allyl chloride

Concen: 45.009 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.007 min

Lab File: VY009443.D

Acq: 05 Jul 2022 17:27

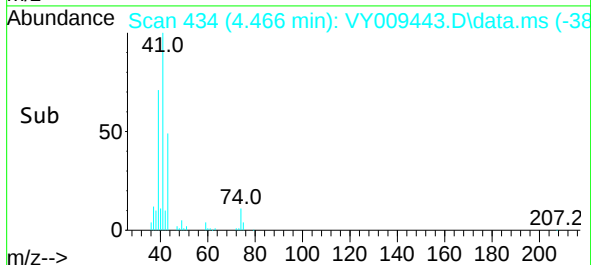
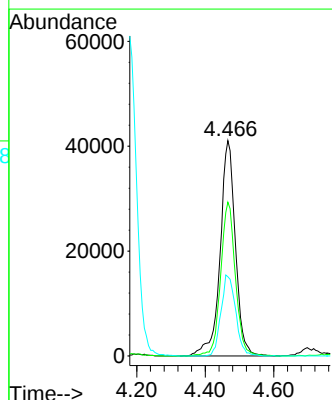
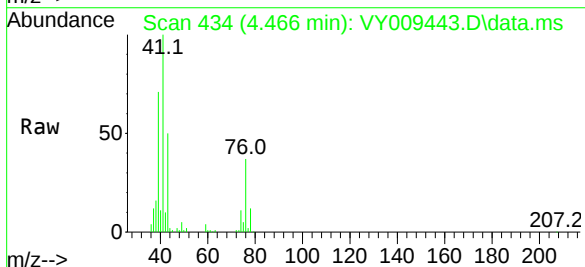
Tgt Ion: 41 Resp: 126726

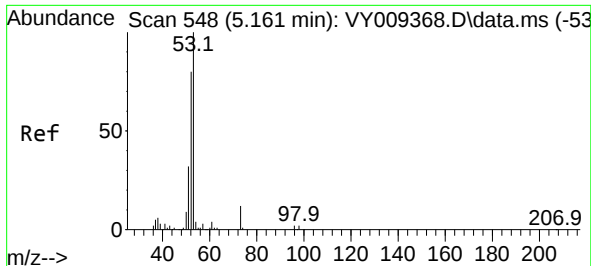
Ion Ratio Lower Upper

41 100

39 69.0 58.8 88.2

76 36.1 25.1 37.7

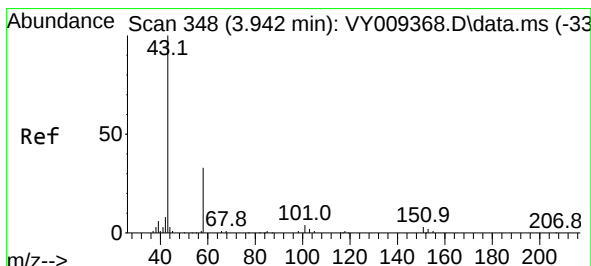
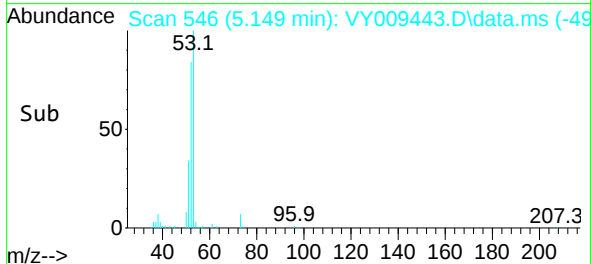
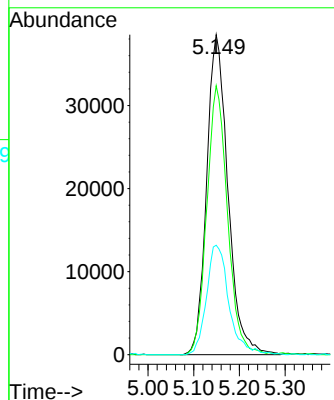
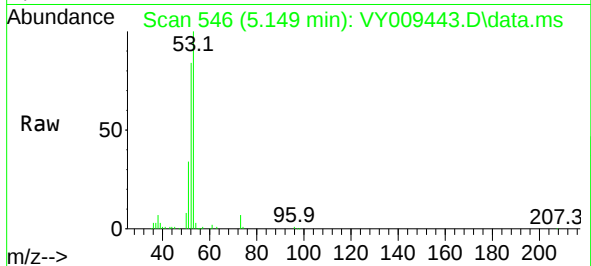




#15
Acrylonitrile
Concen: 240.090 ug/l
RT: 5.149 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

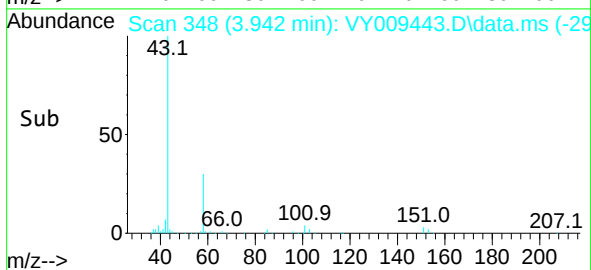
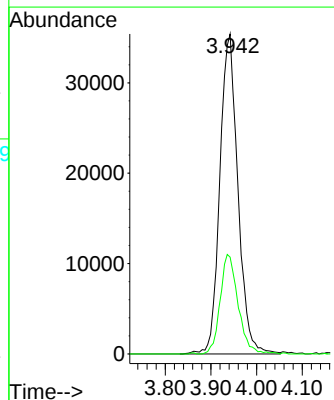
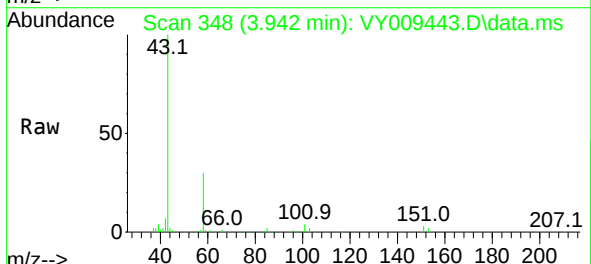
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

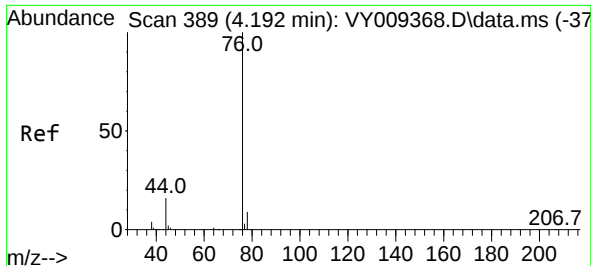
Tgt Ion: 53 Resp: 124885
Ion Ratio Lower Upper
53 100
52 81.9 67.0 100.4
51 35.8 29.8 44.6



#16
Acetone
Concen: 216.022 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

Tgt Ion: 43 Resp: 97133
Ion Ratio Lower Upper
43 100
58 30.3 22.0 33.0

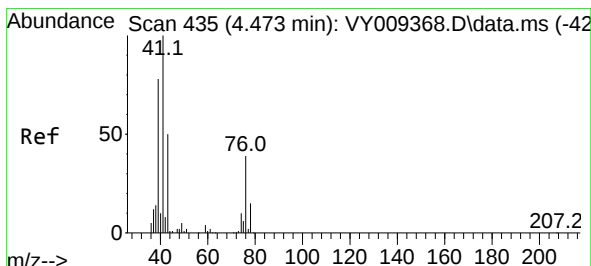
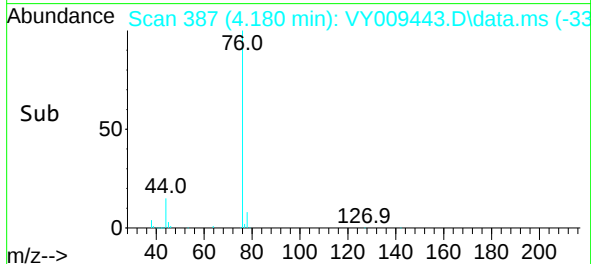
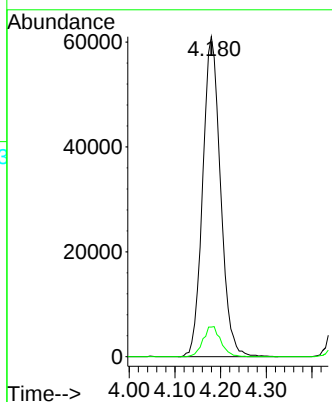
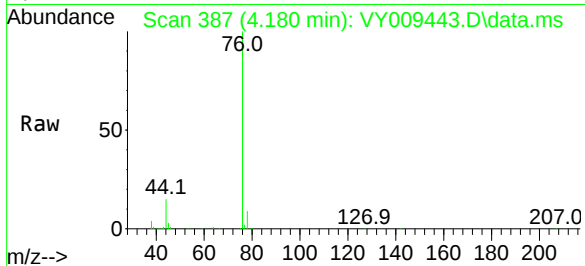




#17
Carbon Disulfide
Concen: 38.687 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

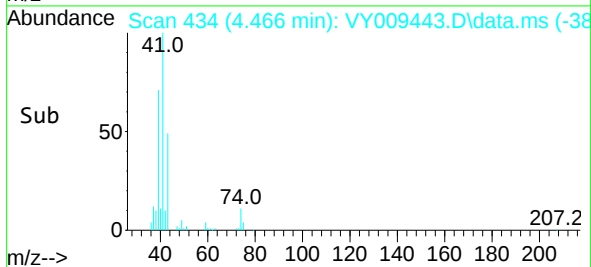
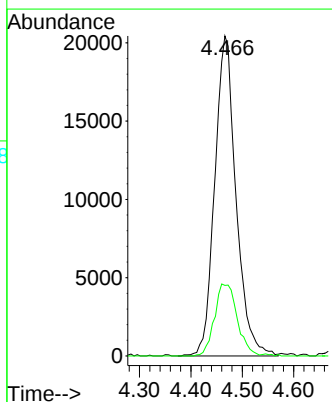
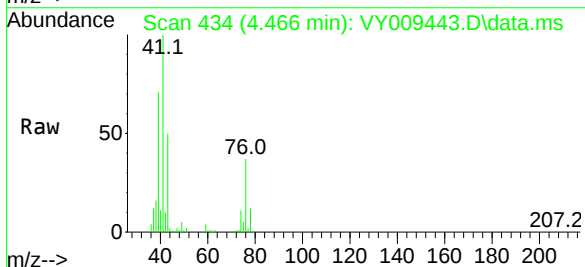
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

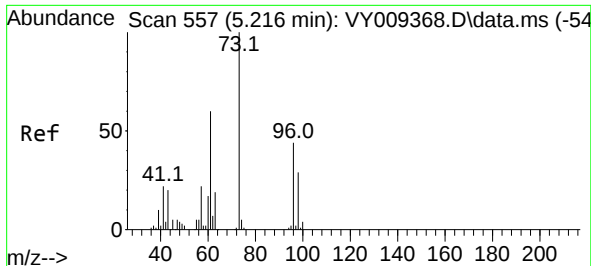
Tgt Ion: 76 Resp: 165362
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 50.680 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.007 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

Tgt Ion: 43 Resp: 58863
Ion Ratio Lower Upper
43 100
74 23.9 16.6 24.8

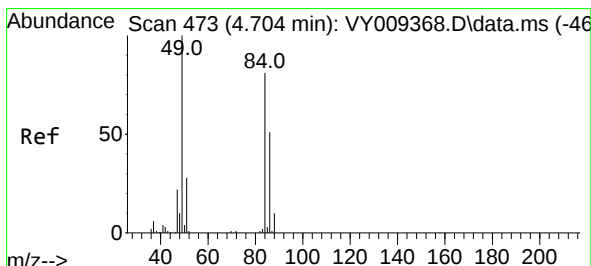
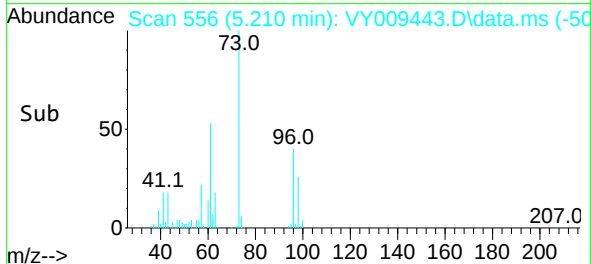
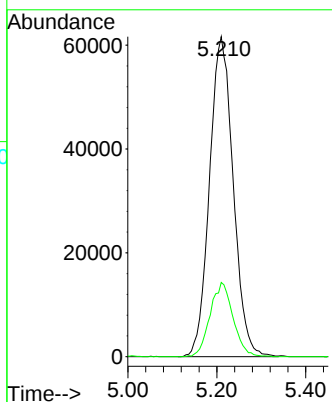
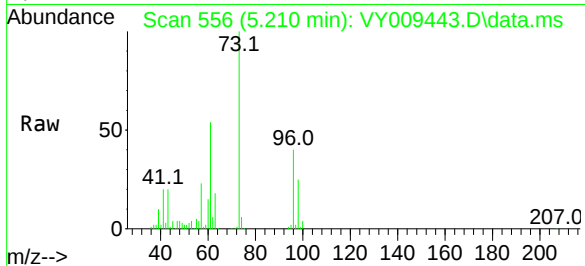




#19
Methyl tert-butyl Ether
Concen: 49.506 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

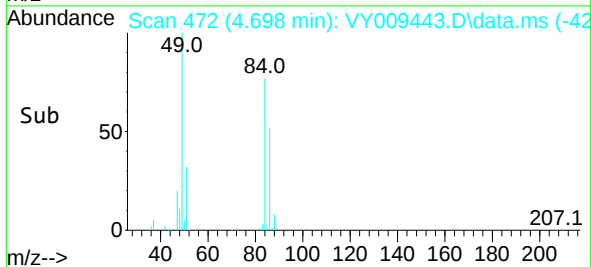
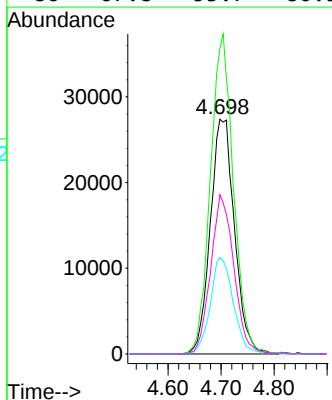
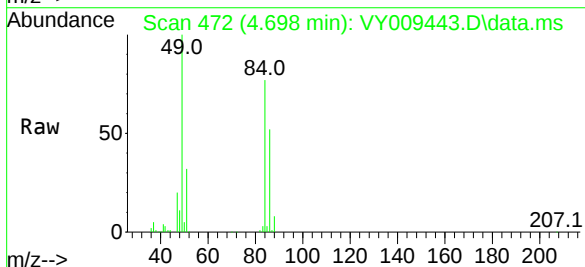
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

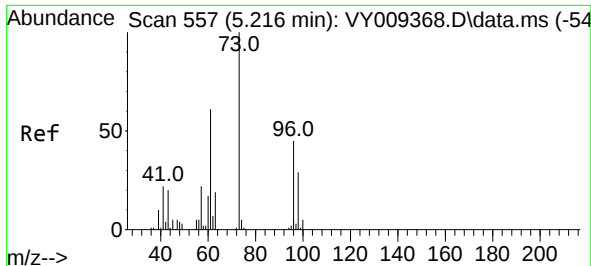
Tgt Ion: 73 Resp: 228136
Ion Ratio Lower Upper
73 100
57 23.2 18.6 27.8



#20
Methylene Chloride
Concen: 41.094 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.012 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

Tgt Ion: 84 Resp: 86921
Ion Ratio Lower Upper
84 100
49 130.3 114.4 171.6
51 41.1 35.3 52.9
86 67.8 53.7 80.5

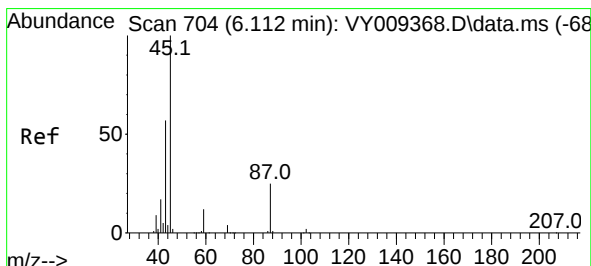
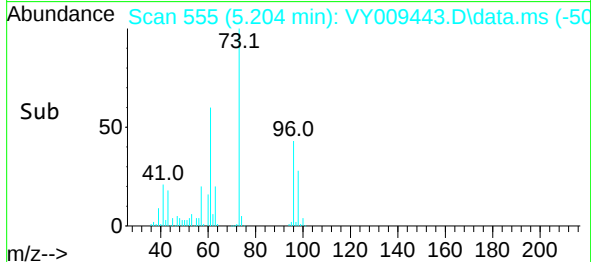
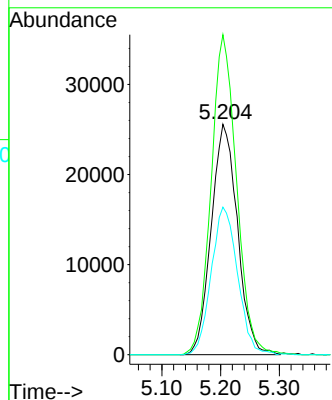
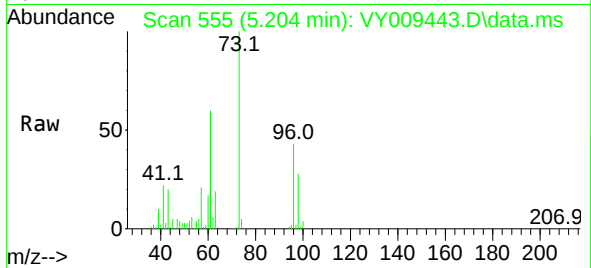




#21
trans-1,2-Dichloroethene
Concen: 43.170 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

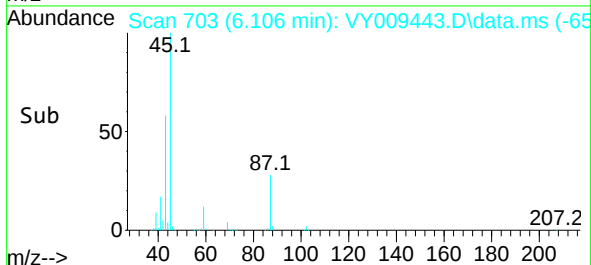
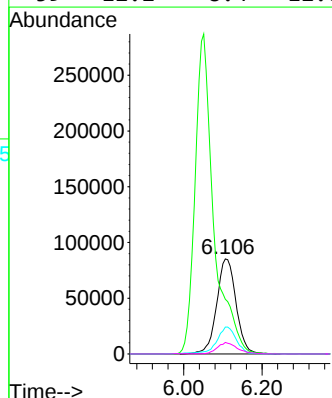
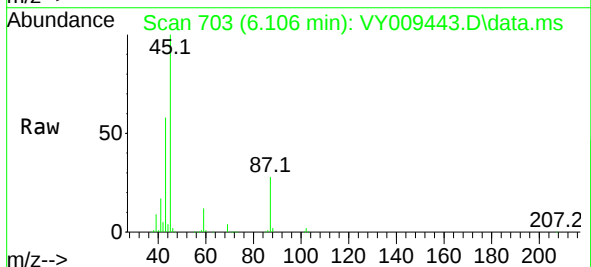
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

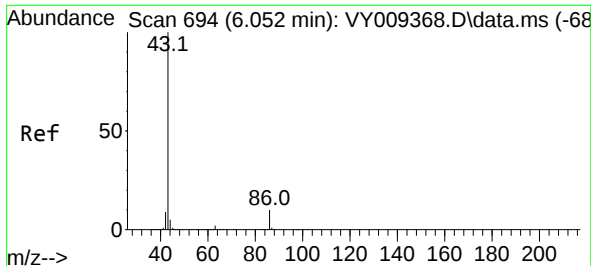
Tgt Ion: 96 Resp: 79418
Ion Ratio Lower Upper
96 100
61 138.9 120.5 180.7
98 64.0 49.8 74.8



#22
Diisopropyl ether
Concen: 49.380 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.006 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

Tgt Ion: 45 Resp: 293409
Ion Ratio Lower Upper
45 100
43 57.4 49.3 73.9
87 28.2 19.2 28.8
59 12.2 8.4 12.6

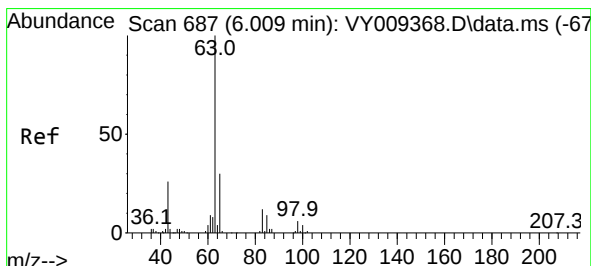
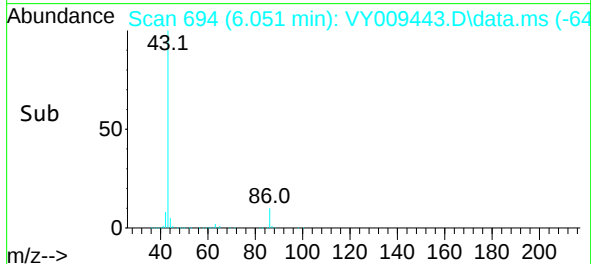
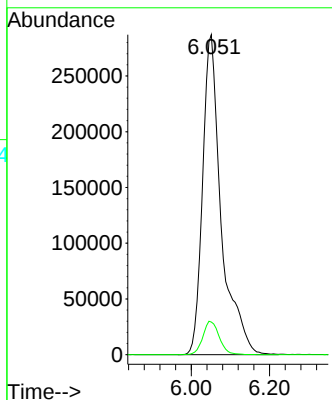
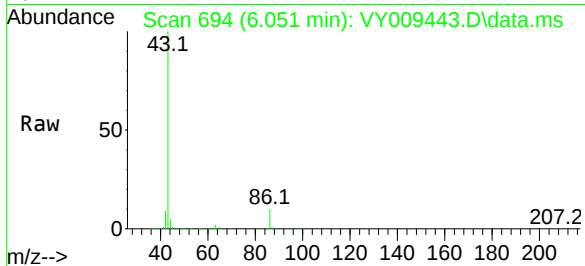




#23
 Vinyl Acetate
 Concen: 254.944 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY009443.D
 Acq: 05 Jul 2022 17:27

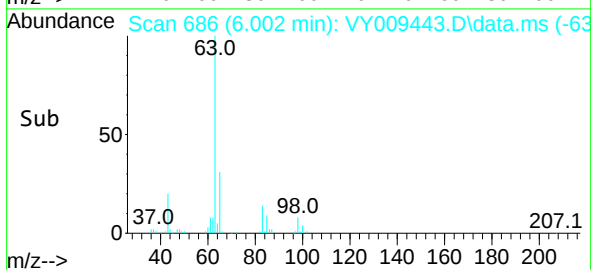
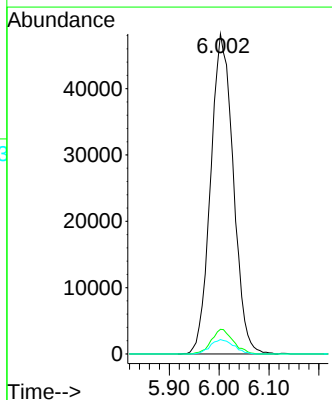
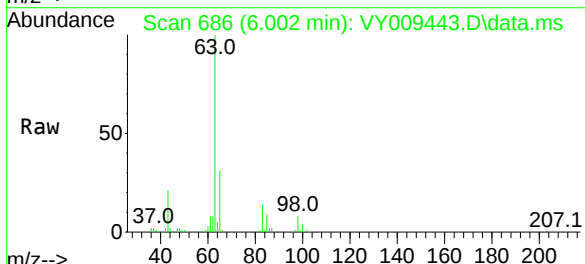
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

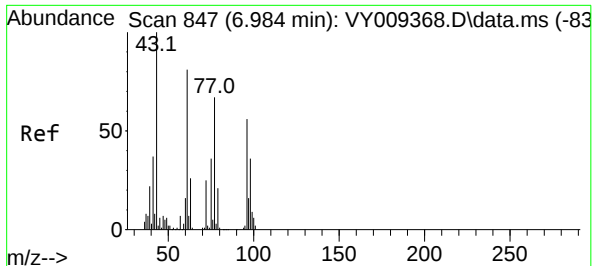
Tgt Ion: 43 Resp: 948959
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 45.587 ug/l
 RT: 6.002 min Scan# 686
 Delta R.T. -0.013 min
 Lab File: VY009443.D
 Acq: 05 Jul 2022 17:27

Tgt Ion: 63 Resp: 152292
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.6 10.8
 100 4.5 2.0 5.8





#25

2-Butanone

Concen: 239.958 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.000 min

Lab File: VY009443.D

Acq: 05 Jul 2022 17:27

Instrument :

MSVOA_Y

ClientSampleId :

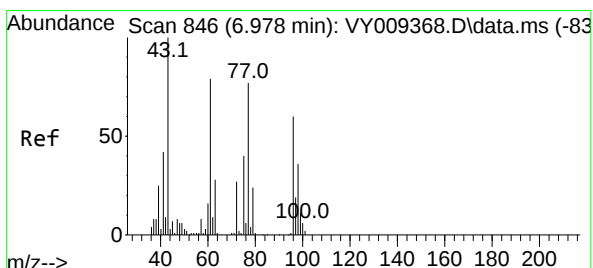
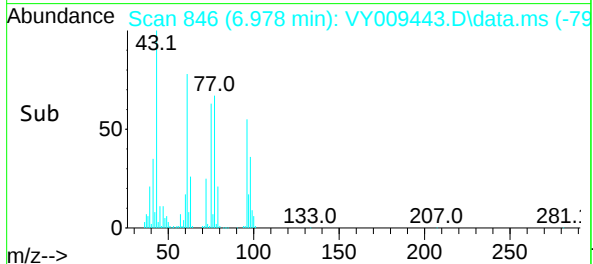
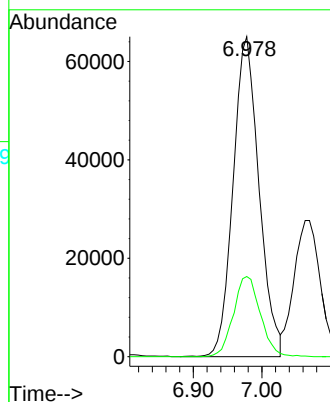
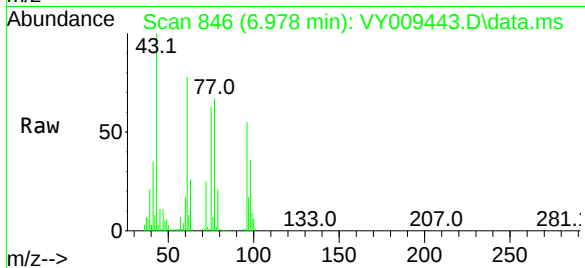
VSTDCCC050EC

Tgt Ion: 43 Resp: 171056

Ion Ratio Lower Upper

43 100

72 25.1 17.7 26.5



#26

2,2-Dichloropropane

Concen: 44.638 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY009443.D

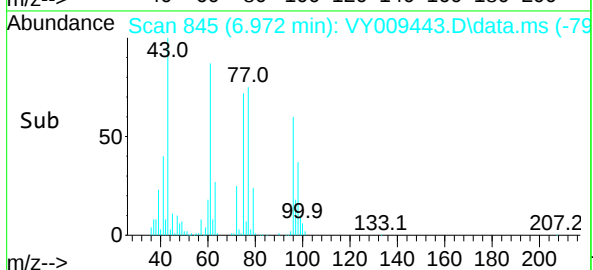
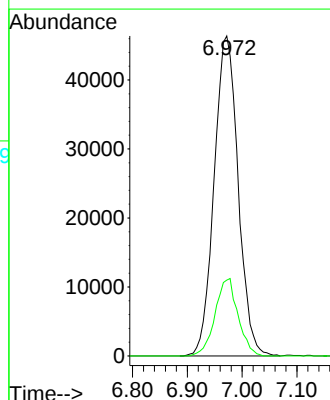
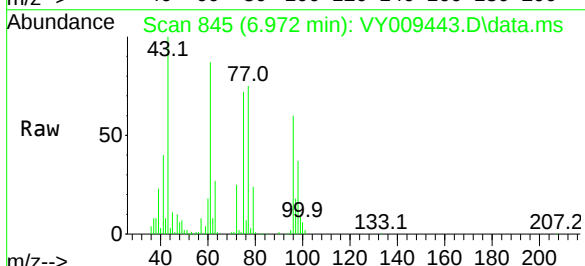
Acq: 05 Jul 2022 17:27

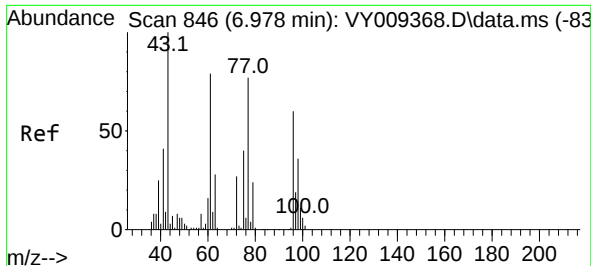
Tgt Ion: 77 Resp: 141138

Ion Ratio Lower Upper

77 100

97 23.1 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 46.551 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY009443.D

Acq: 05 Jul 2022 17:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

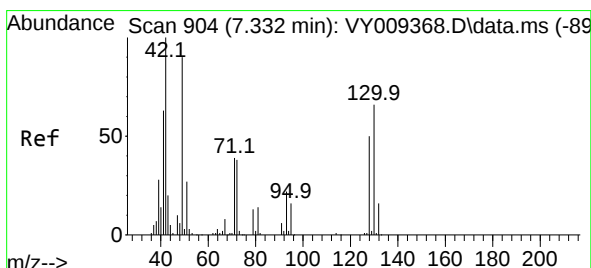
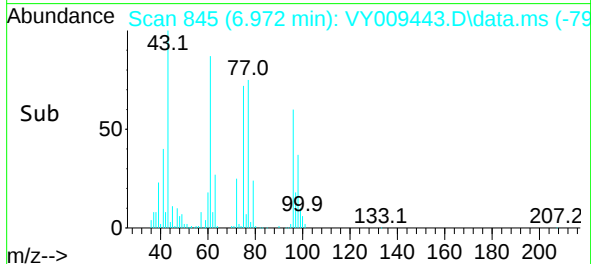
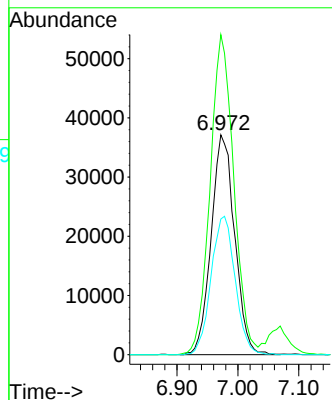
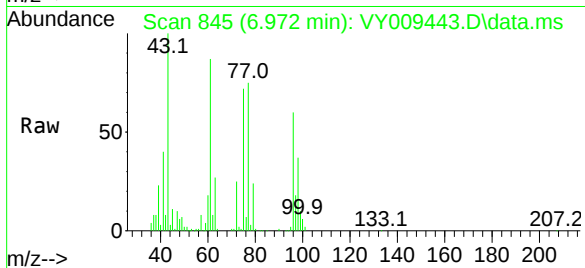
Tgt Ion: 96 Resp: 99490

Ion Ratio Lower Upper

96 100

61 146.5 0.0 319.8

98 64.7 0.0 127.0



#28

Bromochloromethane

Concen: 51.868 ug/l

RT: 7.325 min Scan# 903

Delta R.T. -0.001 min

Lab File: VY009443.D

Acq: 05 Jul 2022 17:27

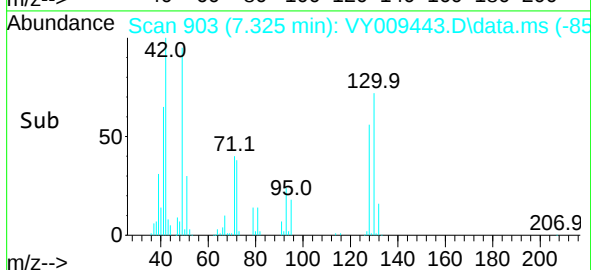
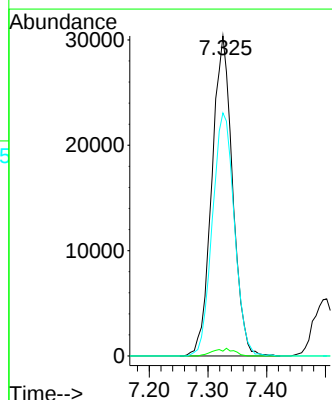
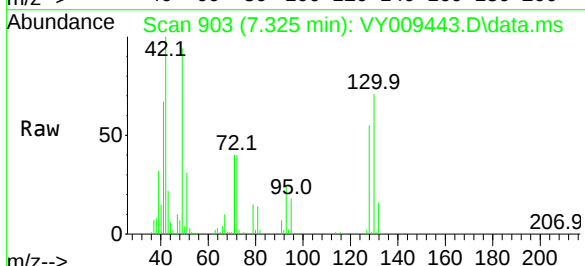
Tgt Ion: 49 Resp: 74403

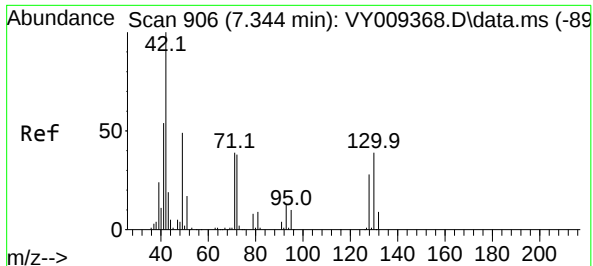
Ion Ratio Lower Upper

49 100

129 1.3 0.0 2.2

130 80.3 55.4 83.0





#29

Tetrahydrofuran

Concen: 250.576 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY009443.D

Acq: 05 Jul 2022 17:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

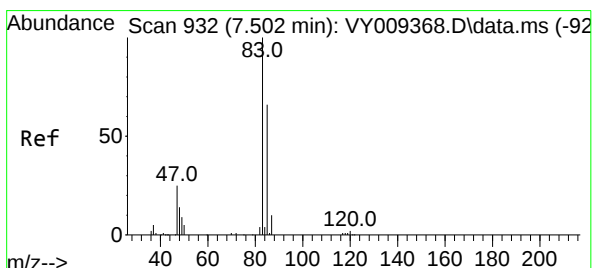
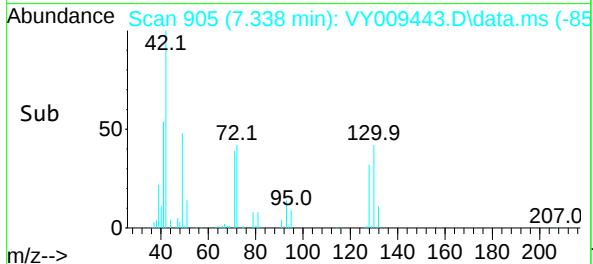
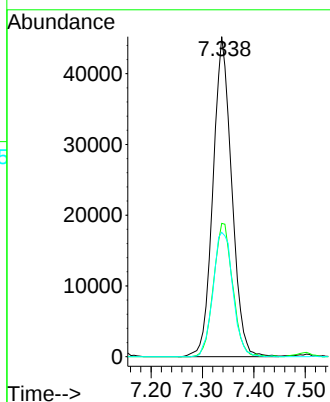
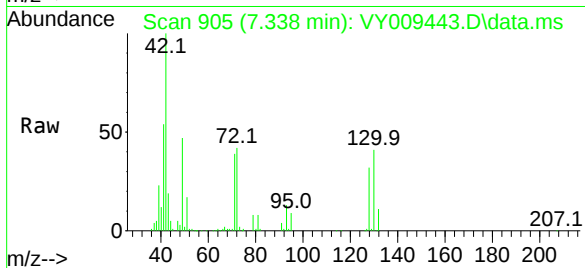
Tgt Ion: 42 Resp: 114520

Ion Ratio Lower Upper

42 100

72 42.4 30.3 45.5

71 41.3 29.0 43.4



#30

Chloroform

Concen: 47.277 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.006 min

Lab File: VY009443.D

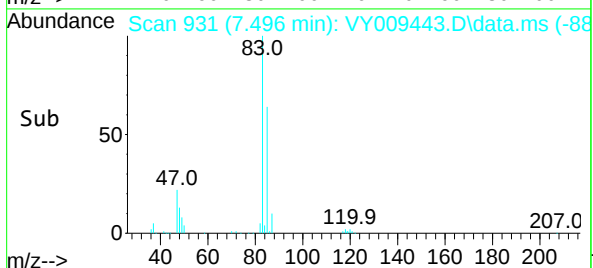
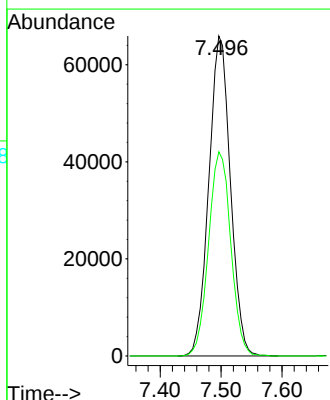
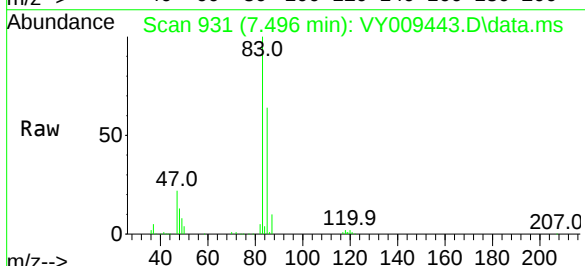
Acq: 05 Jul 2022 17:27

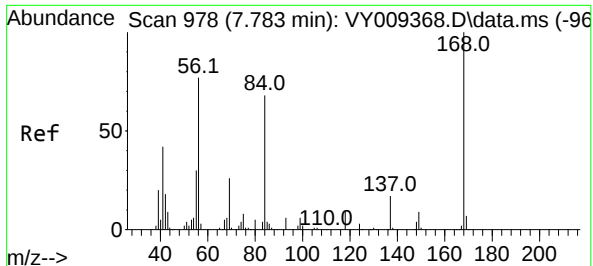
Tgt Ion: 83 Resp: 162326

Ion Ratio Lower Upper

83 100

85 63.8 51.8 77.6

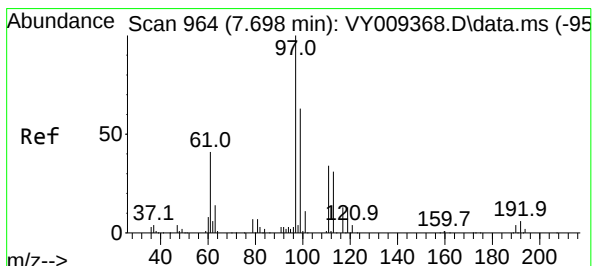
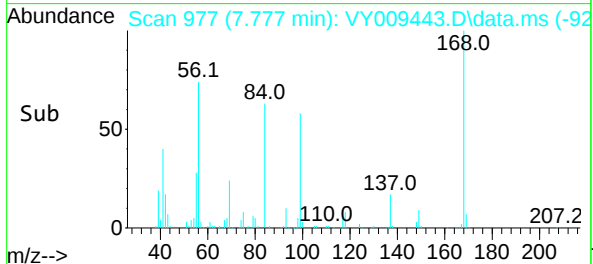
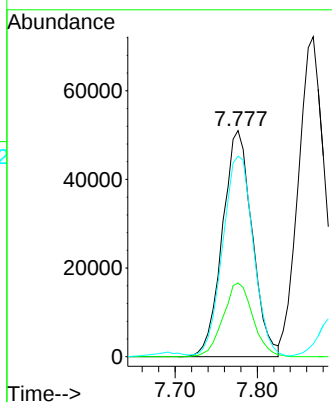
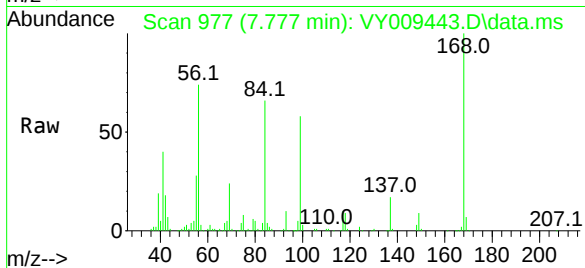




#31
Cyclohexane
Concen: 41.711 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

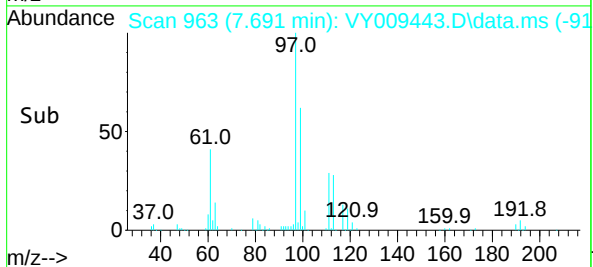
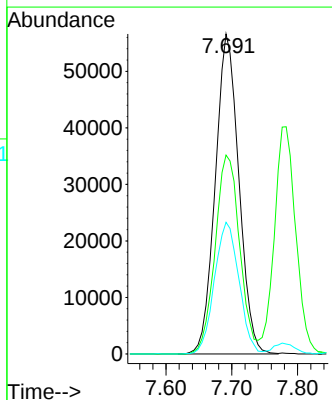
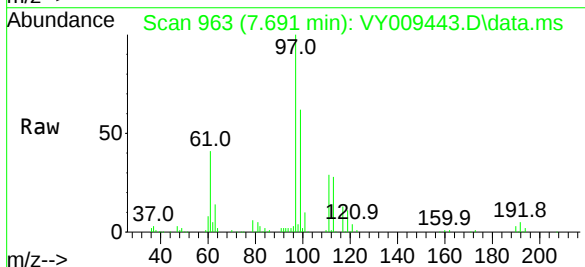
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

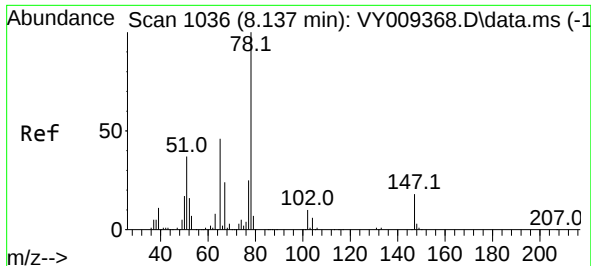
Tgt Ion: 56 Resp: 128447
Ion Ratio Lower Upper
56 100
69 32.6 26.7 40.1
84 87.1 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 45.957 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.007 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

Tgt Ion: 97 Resp: 141307
Ion Ratio Lower Upper
97 100
99 64.8 50.7 76.1
61 42.8 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 48.444 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009443.D

Acq: 05 Jul 2022 17:27

Instrument :

MSVOA_Y

ClientSampleId :

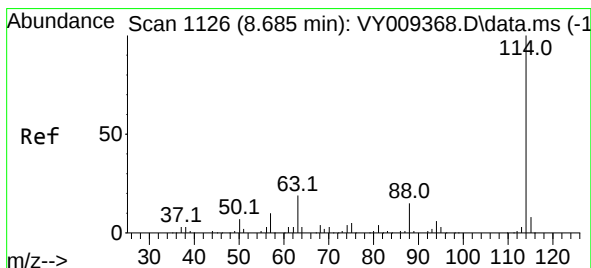
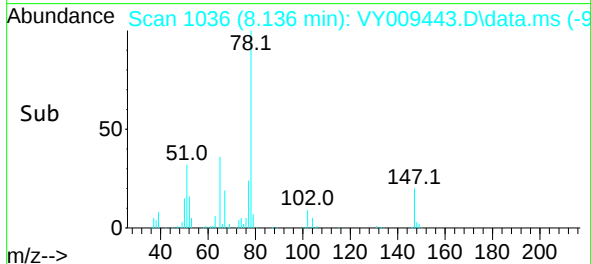
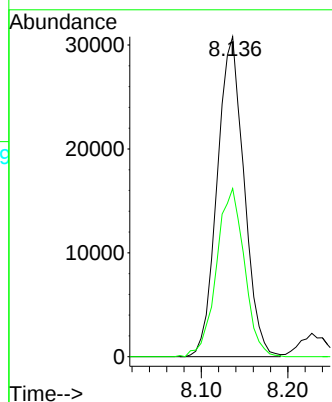
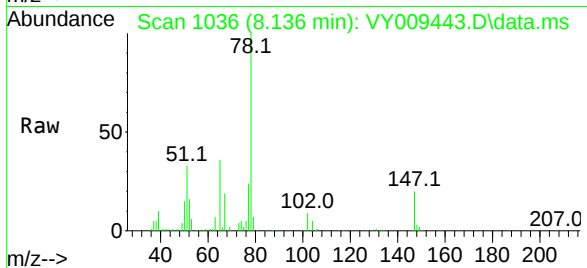
VSTDCCC050EC

Tgt Ion: 65 Resp: 66326

Ion Ratio Lower Upper

65 100

67 54.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009443.D

Acq: 05 Jul 2022 17:27

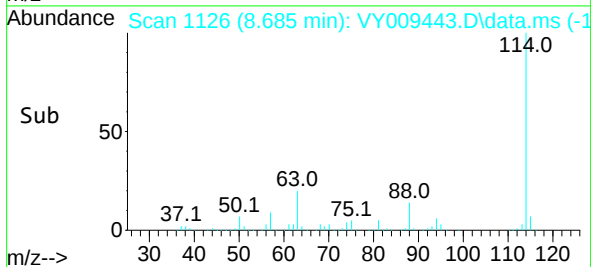
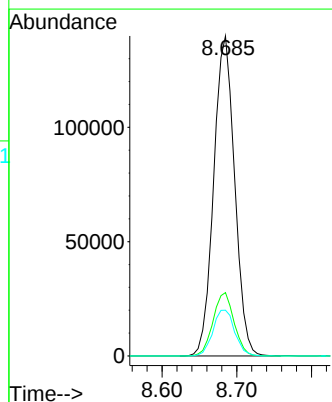
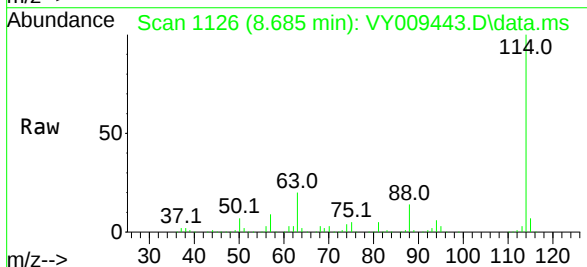
Tgt Ion: 114 Resp: 272782

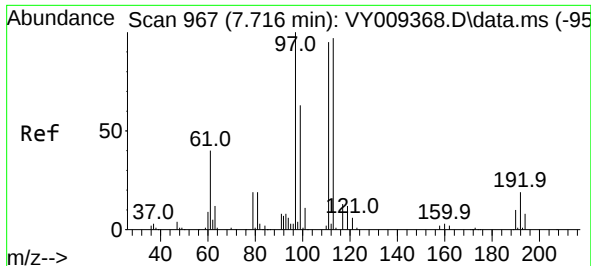
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 14.3 0.0 31.8

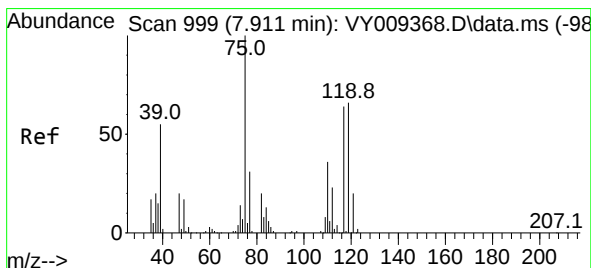
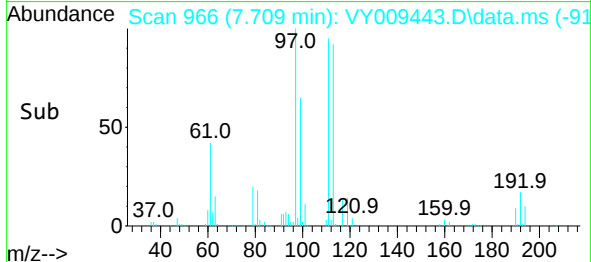
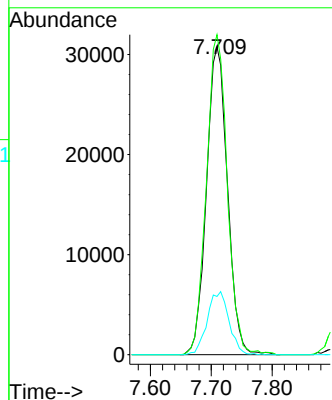
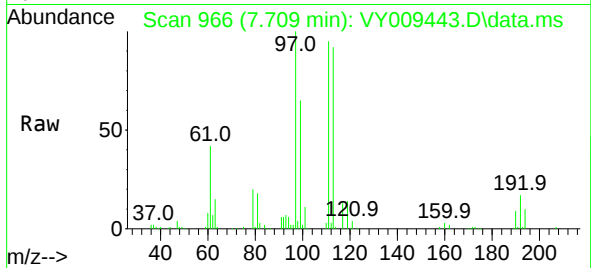




#35
Dibromofluoromethane
Concen: 49.087 ug/l
RT: 7.709 min Scan# 911
Delta R.T. -0.001 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

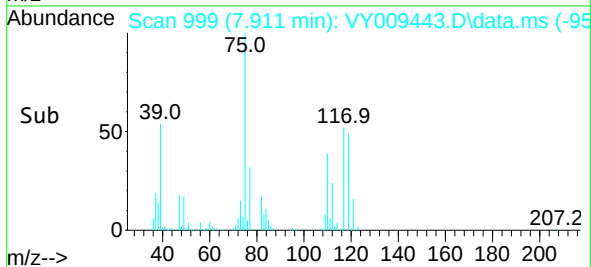
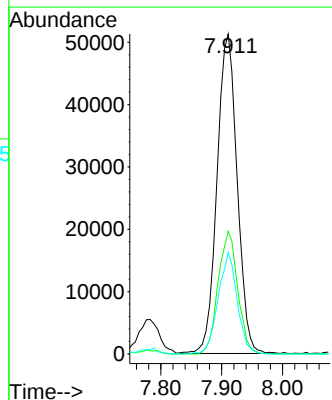
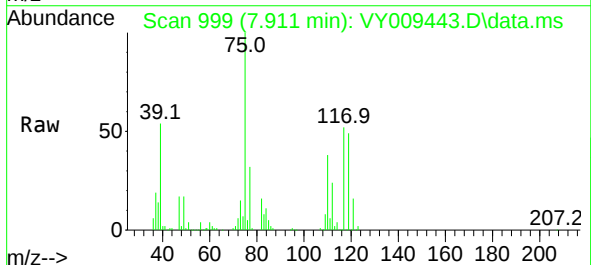
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

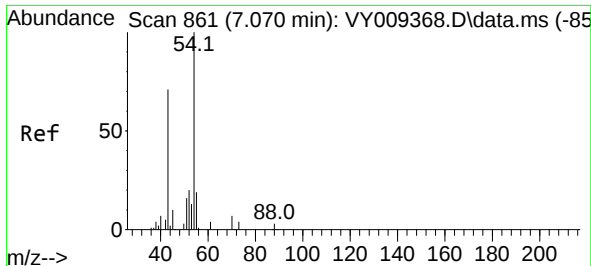
Tgt Ion:113 Resp: 73695
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 21.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 44.875 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

Tgt Ion: 75 Resp: 117800
Ion Ratio Lower Upper
75 100
110 37.3 17.1 51.2
77 30.0 24.4 36.6





#37

Ethyl Acetate

Concen: 48.801 ug/l

RT: 7.063 min Scan# 80

Delta R.T. -0.007 min

Lab File: VY009443.D

Acq: 05 Jul 2022 17:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

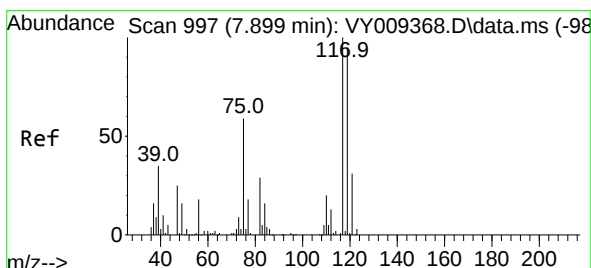
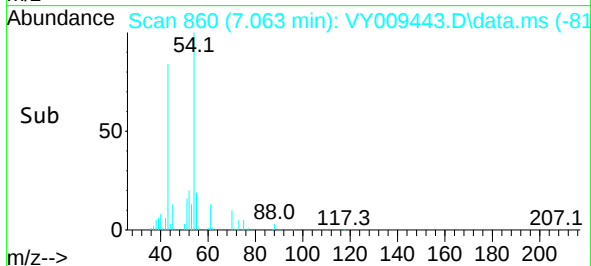
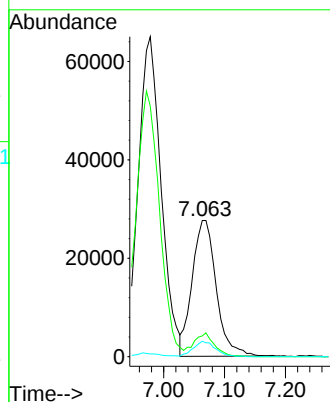
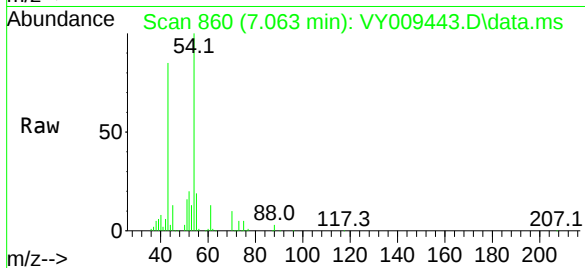
Tgt Ion: 43 Resp: 75971

Ion Ratio Lower Upper

43 100

61 15.2 9.7 14.5#

70 10.5 7.1 10.7



#38

Carbon Tetrachloride

Concen: 45.961 ug/l

RT: 7.892 min Scan# 996

Delta R.T. -0.001 min

Lab File: VY009443.D

Acq: 05 Jul 2022 17:27

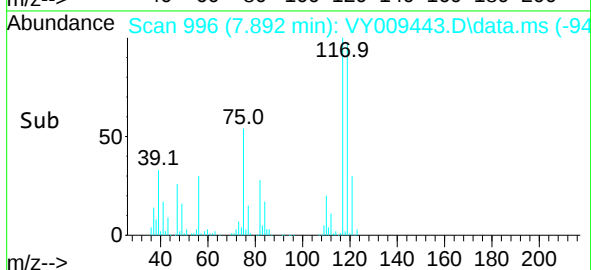
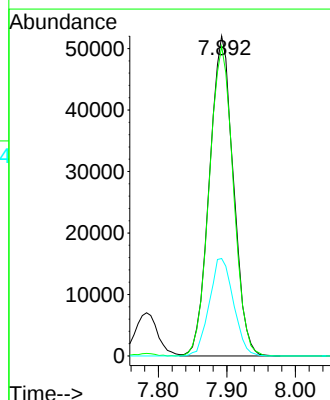
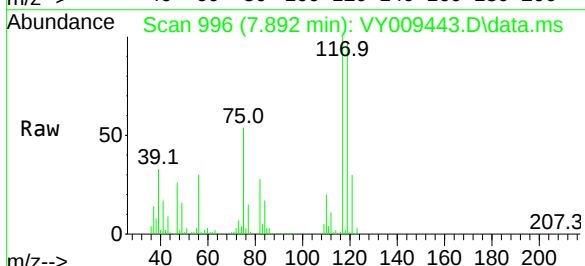
Tgt Ion: 117 Resp: 126107

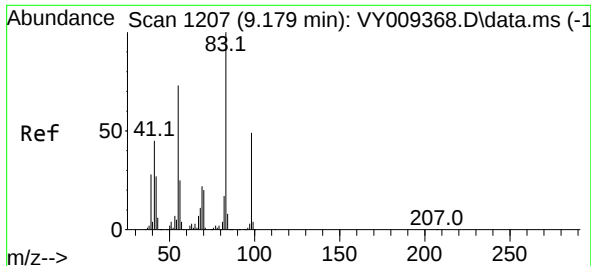
Ion Ratio Lower Upper

117 100

119 96.8 77.9 116.9

121 30.4 24.8 37.2





#39

Methylcyclohexane

Concen: 44.649 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009443.D

Acq: 05 Jul 2022 17:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

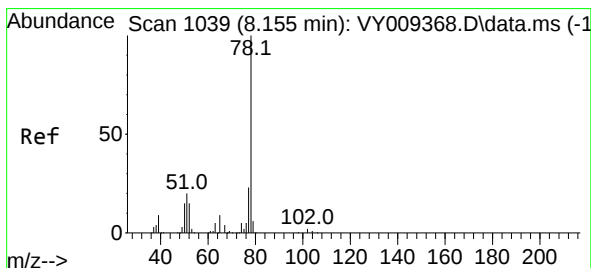
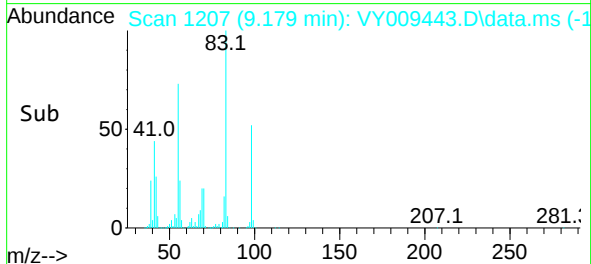
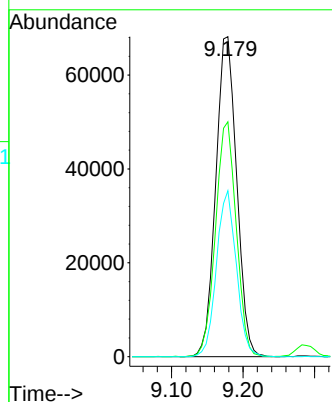
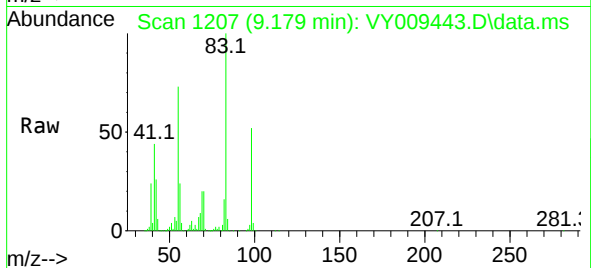
Tgt Ion: 83 Resp: 138718

Ion Ratio Lower Upper

83 100

55 73.4 66.5 99.7

98 51.9 37.9 56.9



#40

Benzene

Concen: 45.697 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY009443.D

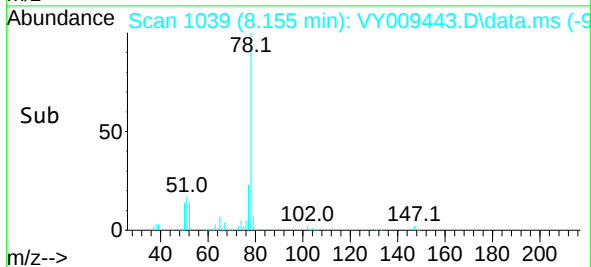
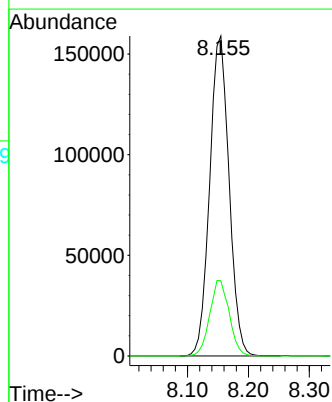
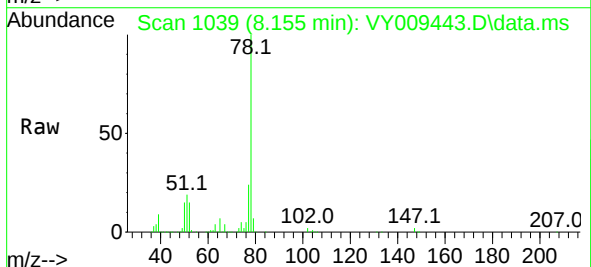
Acq: 05 Jul 2022 17:27

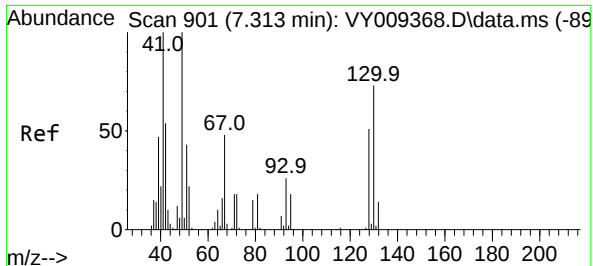
Tgt Ion: 78 Resp: 350807

Ion Ratio Lower Upper

78 100

77 23.5 20.4 30.6

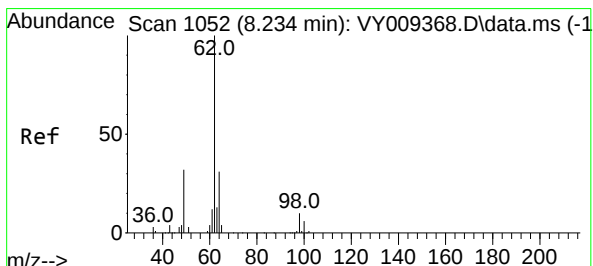
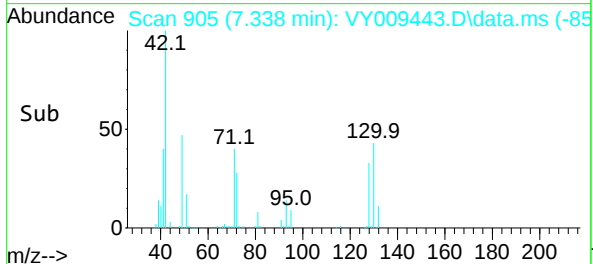
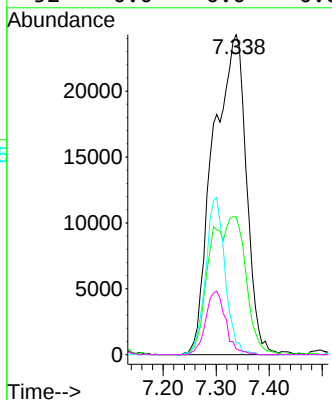
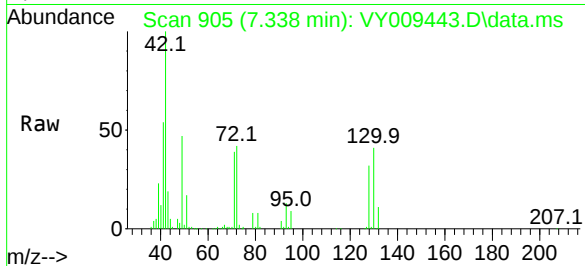




#41
Methacrylonitrile
Concen: 119.384 ug/l
RT: 7.338 min Scan# 901
Delta R.T. 0.037 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

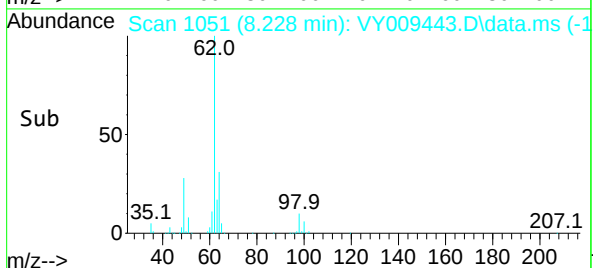
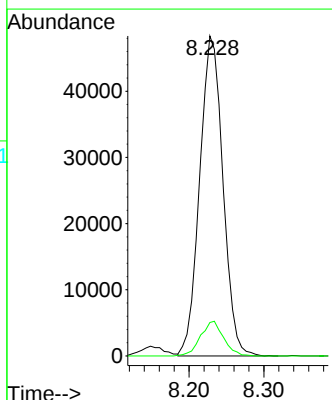
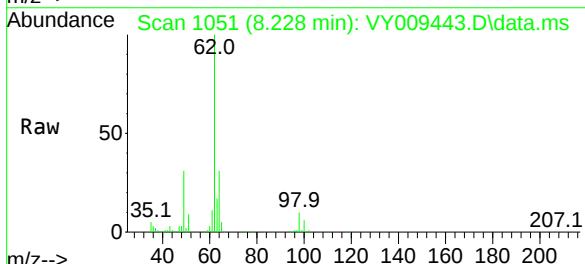
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

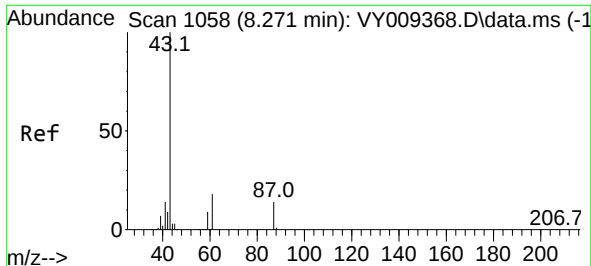
Tgt Ion: 41 Resp: 104996
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 47.470 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

Tgt Ion: 62 Resp: 104534
Ion Ratio Lower Upper
62 100
98 10.8 0.0 14.8

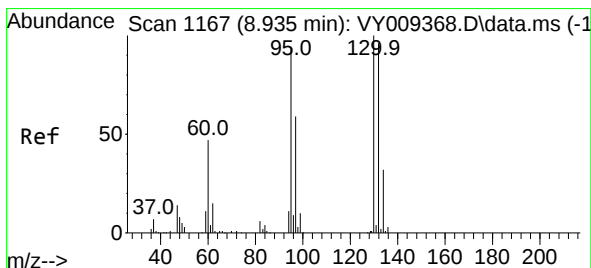
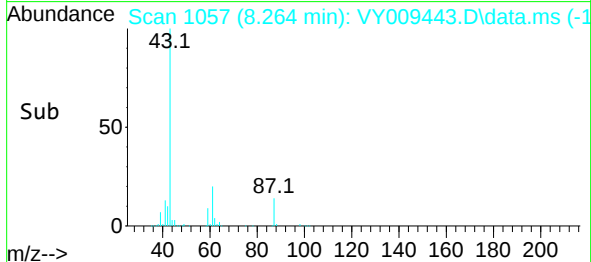
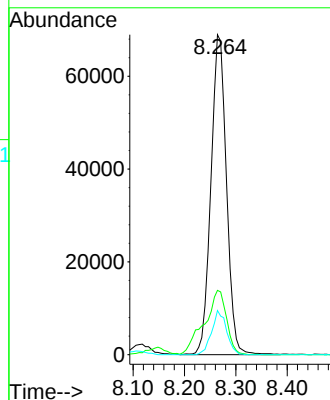
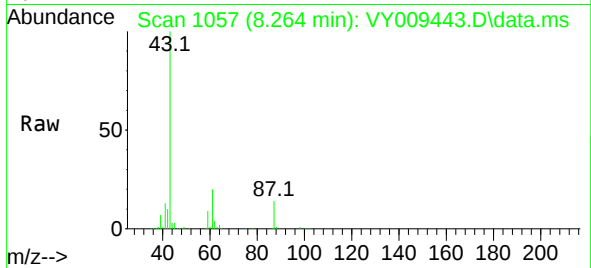




#43
Isopropyl Acetate
Concen: 50.672 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.007 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

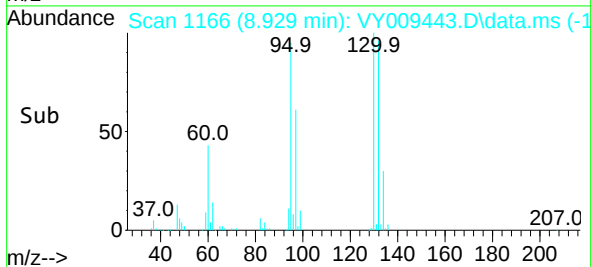
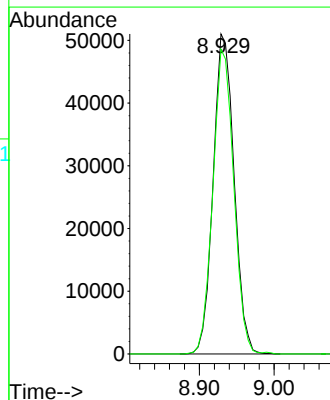
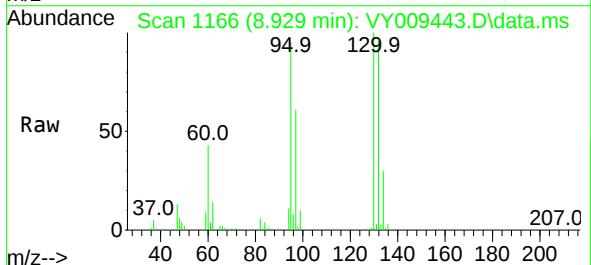
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

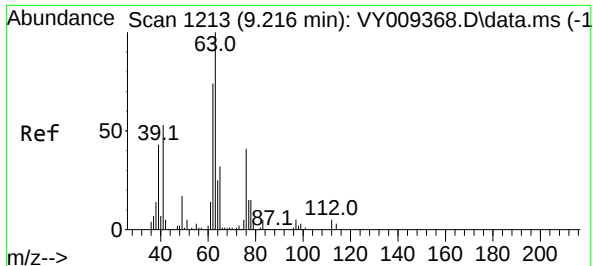
Tgt Ion: 43 Resp: 144830
Ion Ratio Lower Upper
43 100
61 28.7 20.2 30.2
87 13.2 8.9 13.3



#44
Trichloroethene
Concen: 46.544 ug/l
RT: 8.929 min Scan# 1166
Delta R.T. -0.006 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

Tgt Ion:130 Resp: 99278
Ion Ratio Lower Upper
130 100
95 95.2 0.0 188.2





#45

1,2-Dichloropropane

Concen: 48.084 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY009443.D

Acq: 05 Jul 2022 17:27

Instrument :

MSVOA_Y

ClientSampleId :

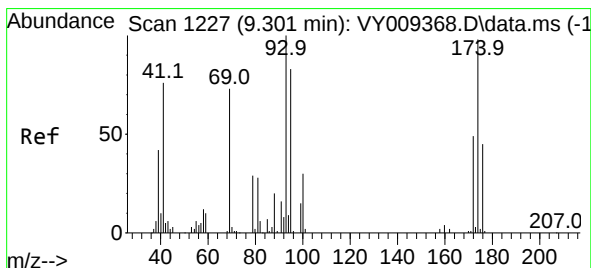
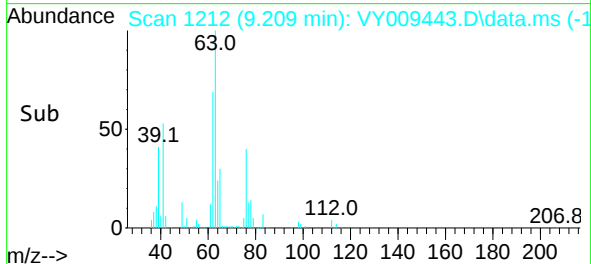
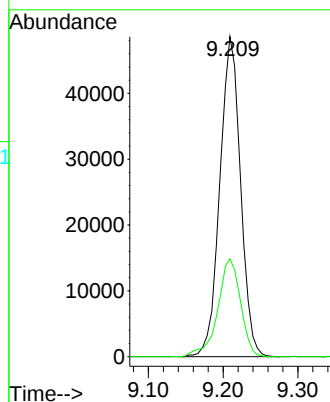
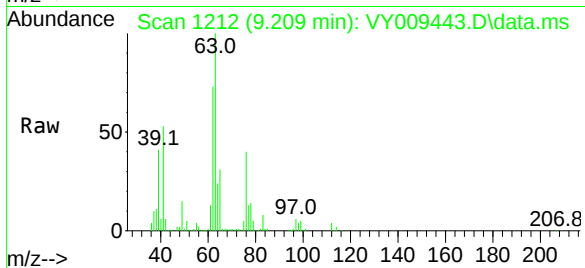
VSTDCCC050EC

Tgt Ion: 63 Resp: 93502

Ion Ratio Lower Upper

63 100

65 30.6 23.0 34.6



#46

Dibromomethane

Concen: 47.139 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VY009443.D

Acq: 05 Jul 2022 17:27

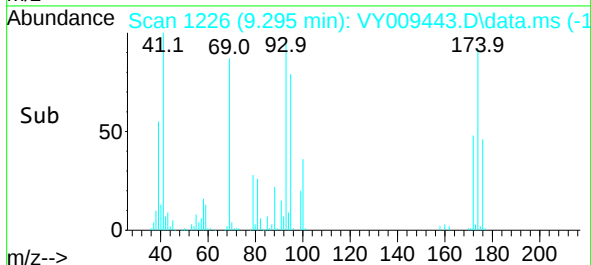
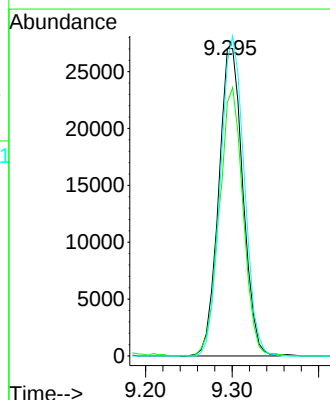
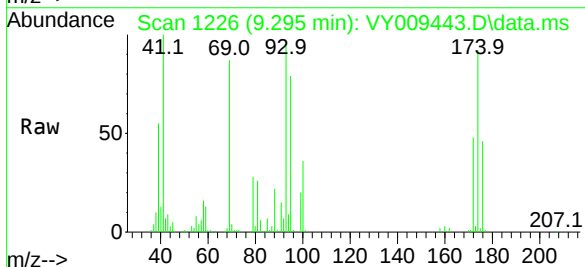
Tgt Ion: 93 Resp: 52513

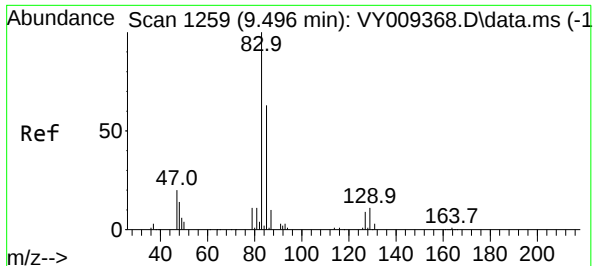
Ion Ratio Lower Upper

93 100

95 85.4 64.3 96.5

174 102.0 83.4 125.0





#47

Bromodichloromethane

Concen: 47.952 ug/l

RT: 9.490 min Scan# 1259

Delta R.T. -0.006 min

Lab File: VY009443.D

Acq: 05 Jul 2022 17:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

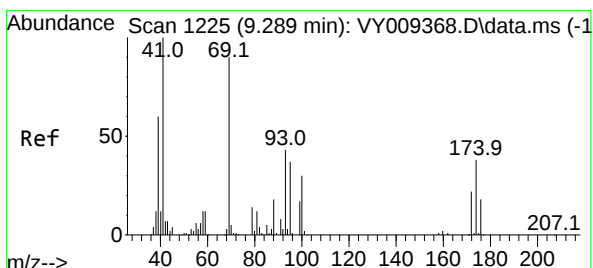
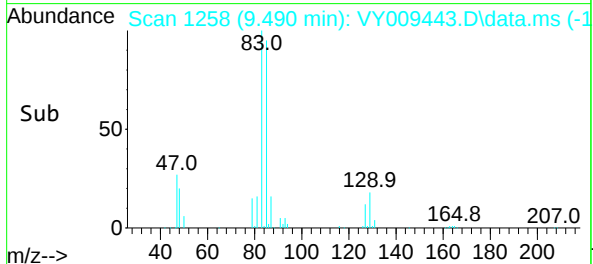
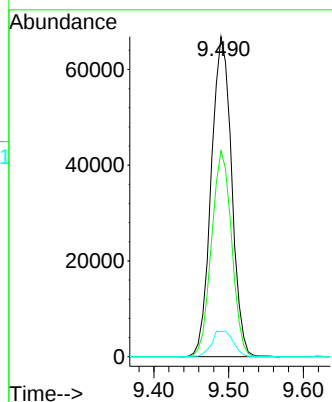
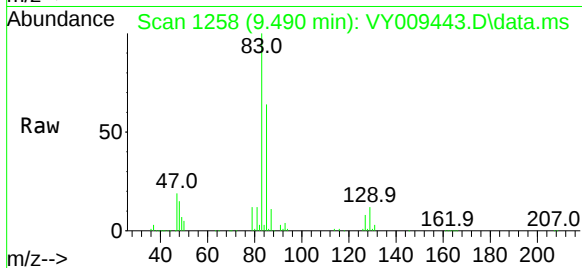
Tgt Ion: 83 Resp: 126504

Ion Ratio Lower Upper

83 100

85 64.4 51.9 77.9

127 7.8 6.6 10.0



#48

Methyl methacrylate

Concen: 51.239 ug/l

RT: 9.288 min Scan# 1225

Delta R.T. -0.001 min

Lab File: VY009443.D

Acq: 05 Jul 2022 17:27

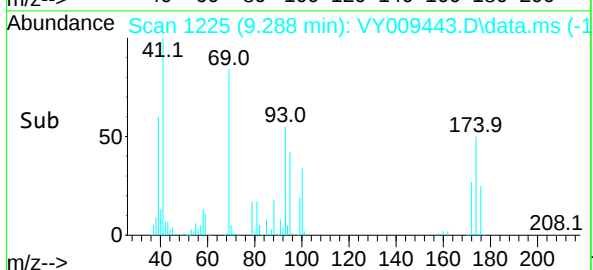
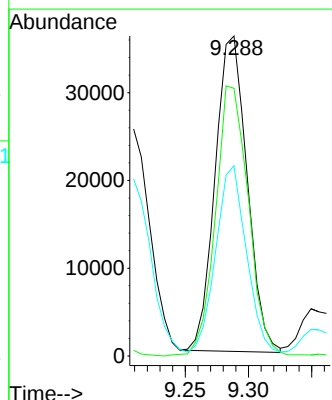
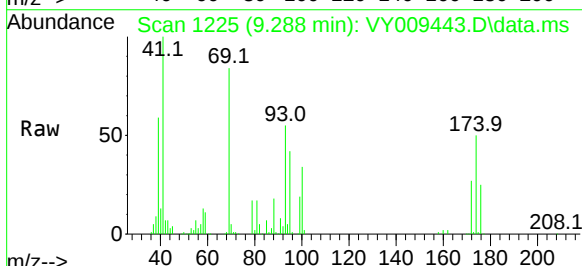
Tgt Ion: 41 Resp: 63134

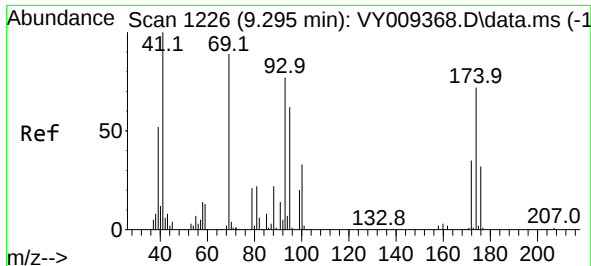
Ion Ratio Lower Upper

41 100

69 88.0 58.2 87.2#

39 56.6 47.4 71.0





#49

1,4-Dioxane

Concen: 1017.416 ug/l

RT: 9.288 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY009443.D

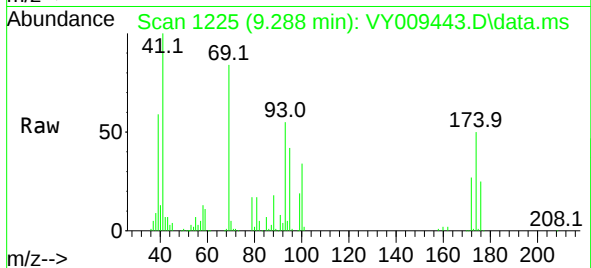
Acq: 05 Jul 2022 17:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



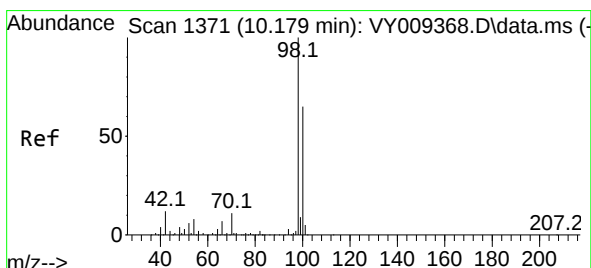
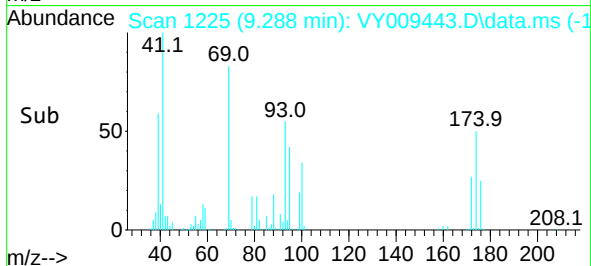
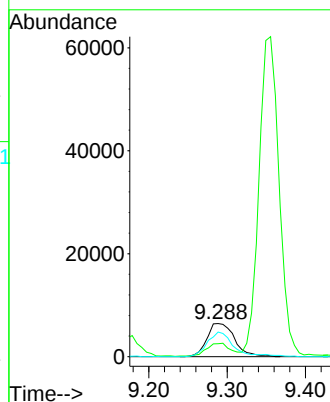
Tgt Ion: 88 Resp: 15799

Ion Ratio Lower Upper

88 100

43 34.5 32.8 49.2

58 71.6 59.8 89.6



#50

Toluene-d8

Concen: 48.639 ug/l

RT: 10.172 min Scan# 1370

Delta R.T. -0.007 min

Lab File: VY009443.D

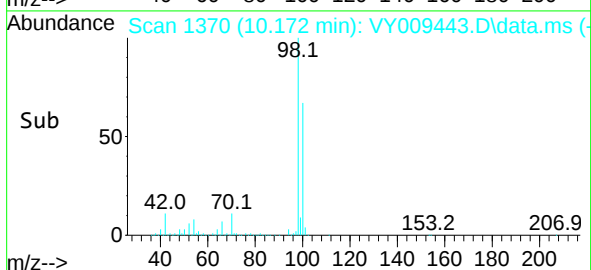
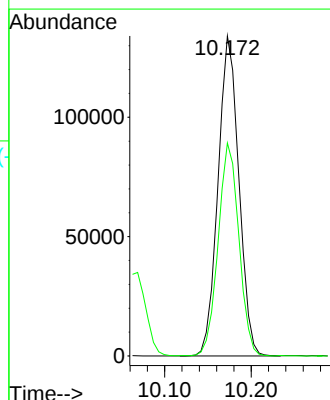
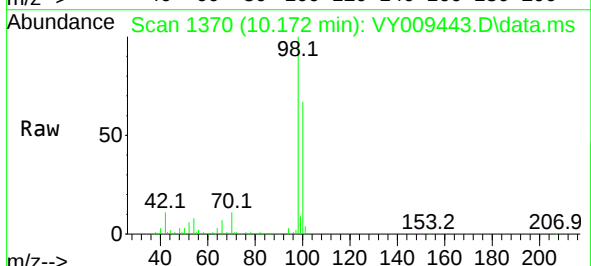
Acq: 05 Jul 2022 17:27

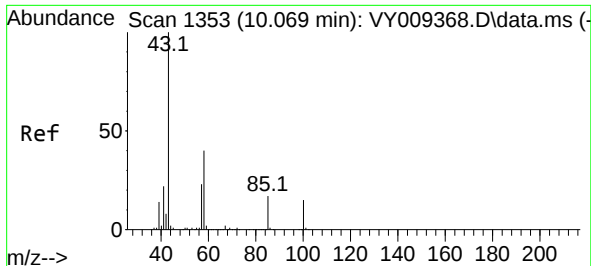
Tgt Ion: 98 Resp: 223891

Ion Ratio Lower Upper

98 100

100 66.2 50.2 75.2

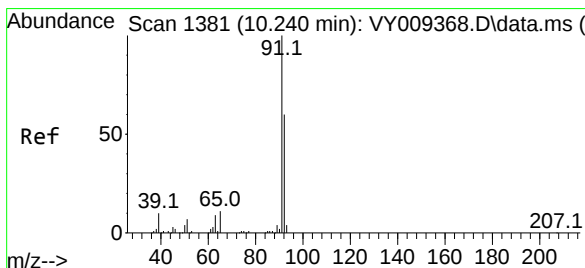
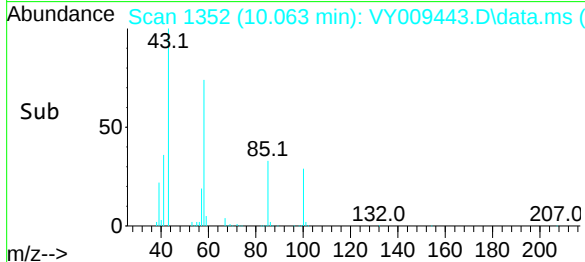
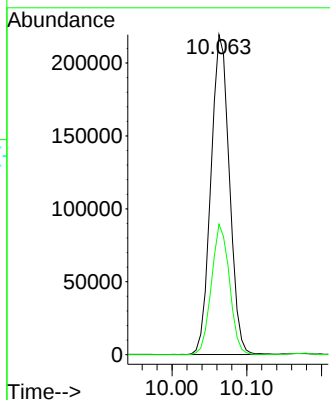
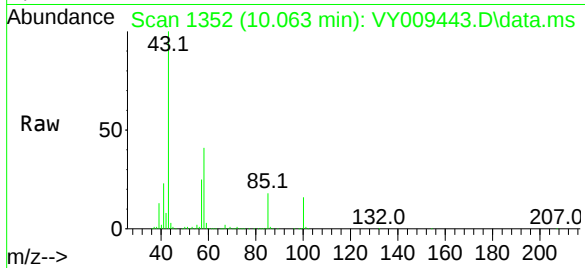




#51
4-Methyl-2-Pentanone
Concen: 256.549 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

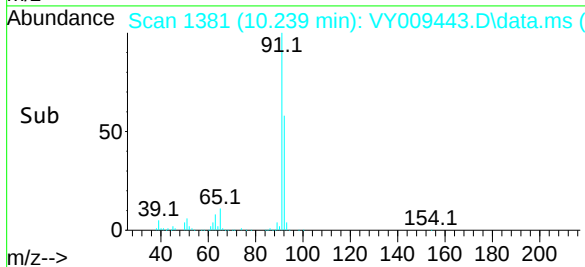
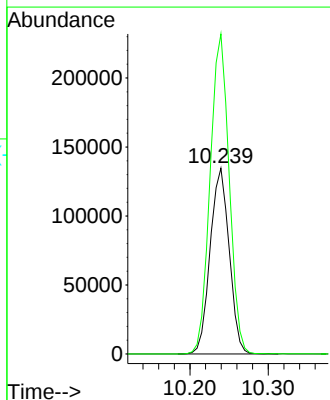
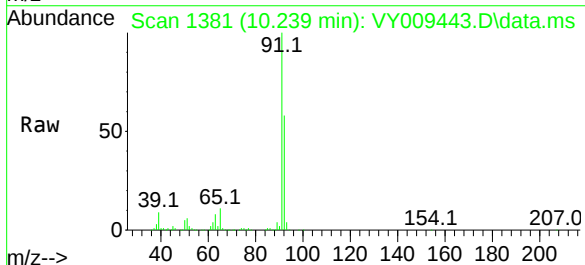
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

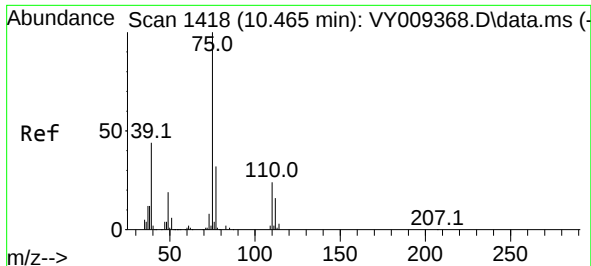
Tgt Ion: 43 Resp: 378063
Ion Ratio Lower Upper
43 100
58 39.8 28.1 42.1



#52
Toluene
Concen: 46.914 ug/l
RT: 10.239 min Scan# 1381
Delta R.T. -0.001 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

Tgt Ion: 92 Resp: 227225
Ion Ratio Lower Upper
92 100
91 172.1 142.6 213.8

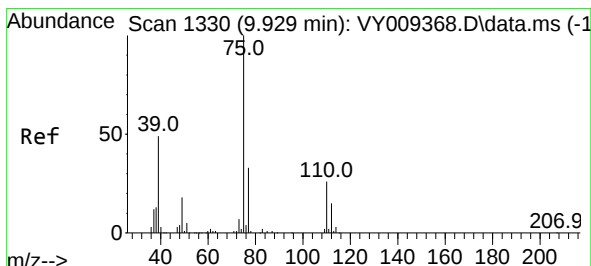
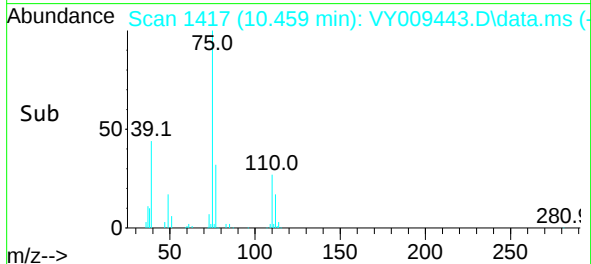
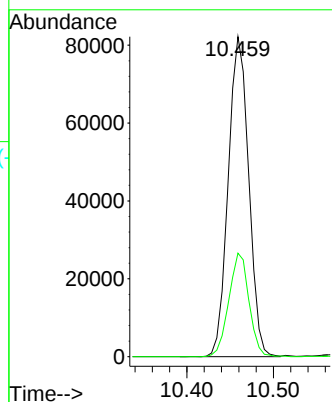
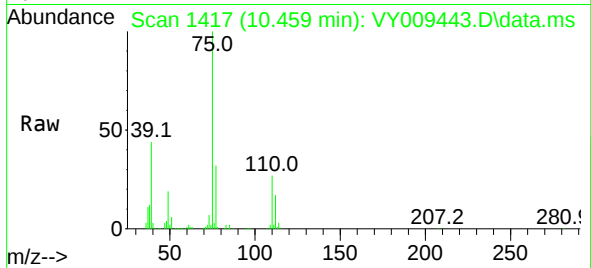




#53
 t-1,3-Dichloropropene
 Concen: 51.107 ug/l
 RT: 10.459 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY009443.D
 Acq: 05 Jul 2022 17:27

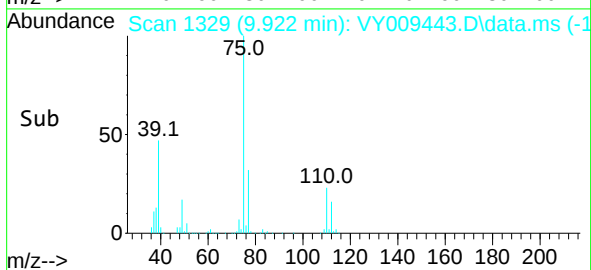
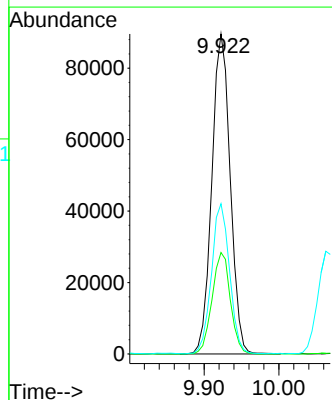
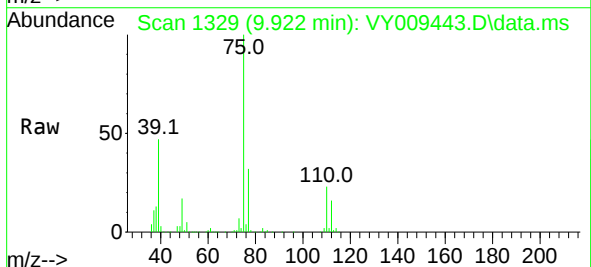
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

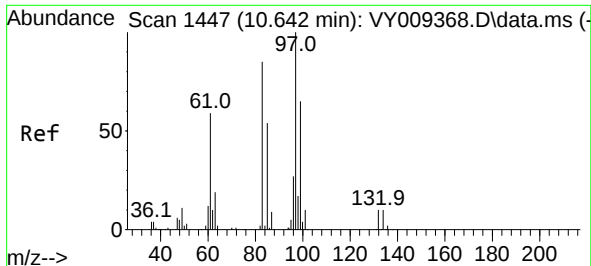
Tgt Ion: 75 Resp: 134870
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 48.582 ug/l
 RT: 9.922 min Scan# 1329
 Delta R.T. -0.001 min
 Lab File: VY009443.D
 Acq: 05 Jul 2022 17:27

Tgt Ion: 75 Resp: 153076
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.6 38.4
 39 46.9 47.6 71.4#

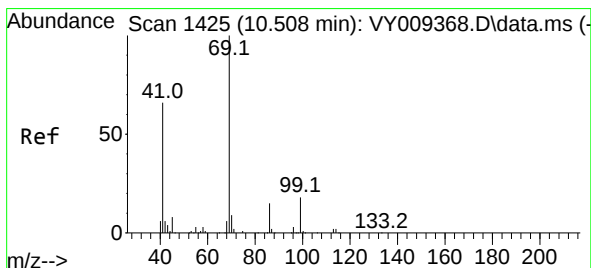
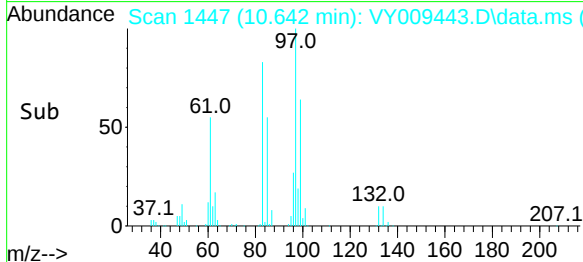
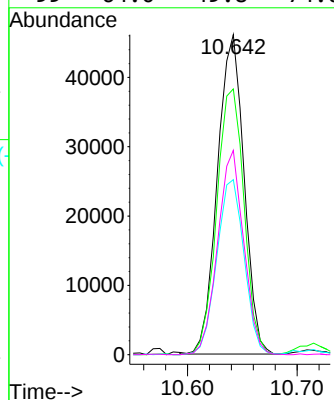
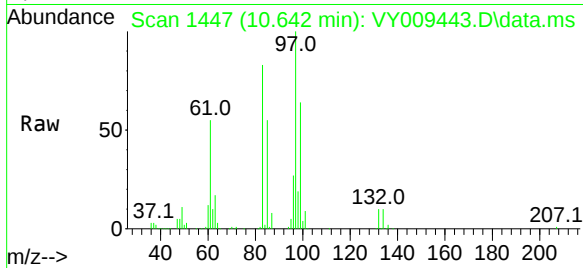




#55
1,1,2-Trichloroethane
Concen: 52.377 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

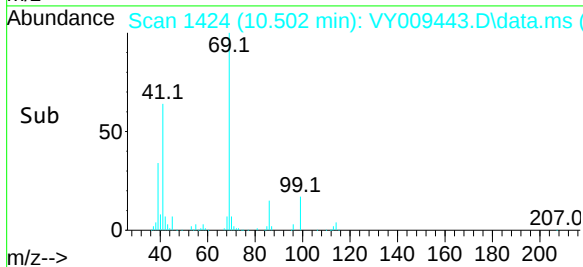
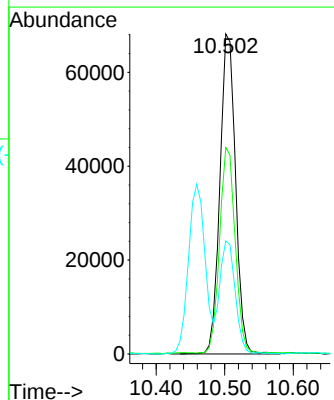
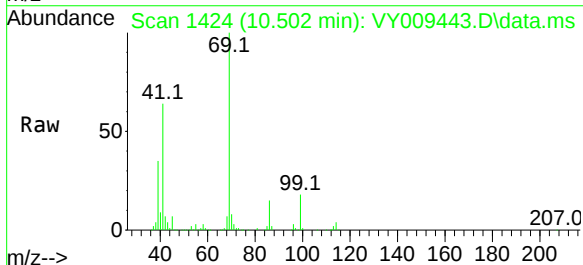
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

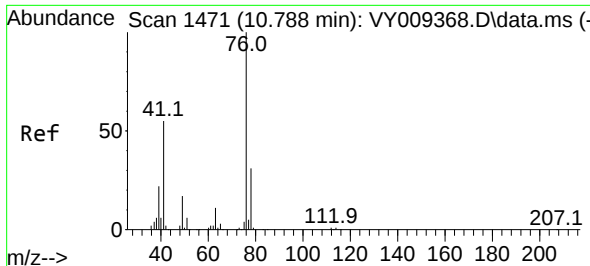
Tgt Ion:	97	Resp:	77628
Ion	Ratio	Lower	Upper
97	100		
83	83.2	69.8	104.8
85	54.8	44.3	66.5
99	64.0	49.8	74.6



#56
Ethyl methacrylate
Concen: 56.897 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. -0.006 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

Tgt Ion:	69	Resp:	107639
Ion	Ratio	Lower	Upper
69	100		
41	64.0	63.4	95.0
39	35.2	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 49.645 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY009443.D

Acq: 05 Jul 2022 17:27

Instrument :

MSVOA_Y

ClientSampleId :

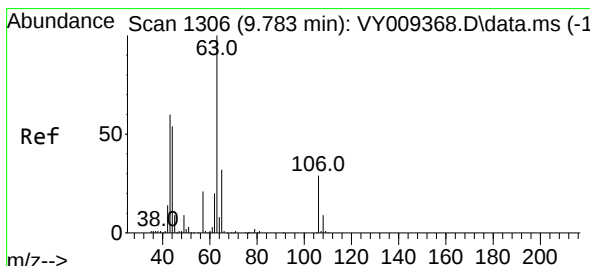
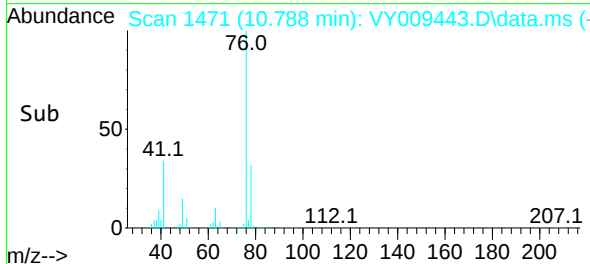
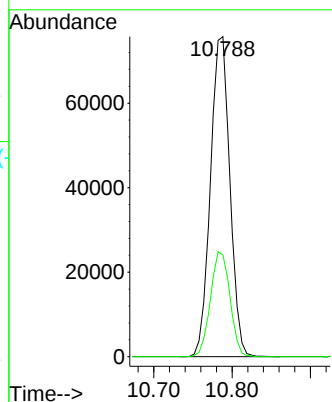
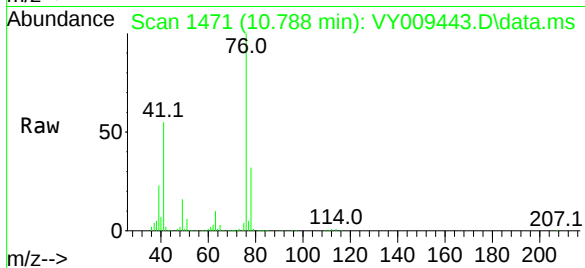
VSTDCCC050EC

Tgt Ion: 76 Resp: 130346

Ion Ratio Lower Upper

76 100

78 32.9 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 288.239 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009443.D

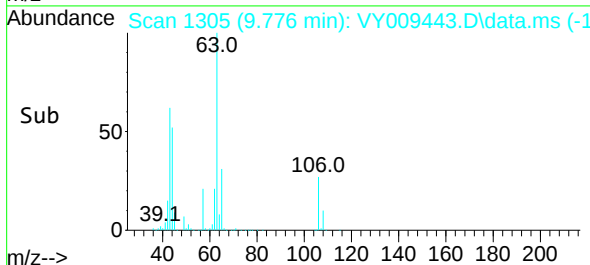
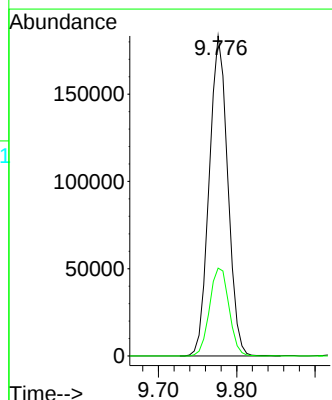
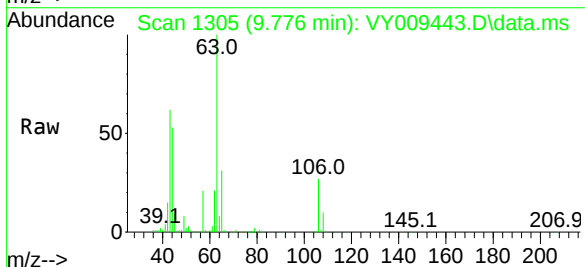
Acq: 05 Jul 2022 17:27

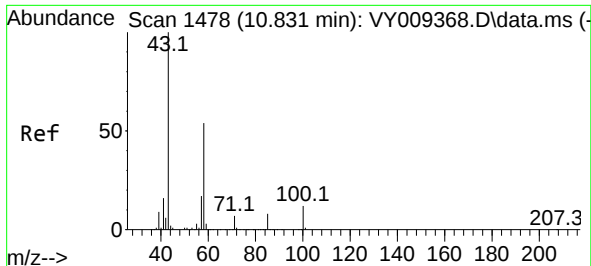
Tgt Ion: 63 Resp: 301913

Ion Ratio Lower Upper

63 100

106 28.7 21.5 32.3

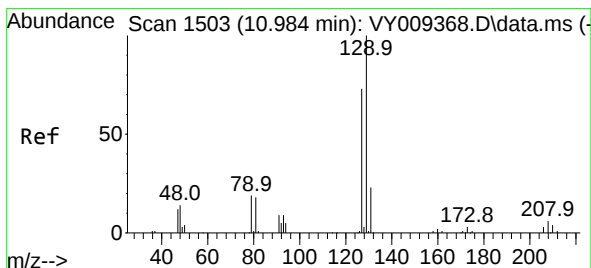
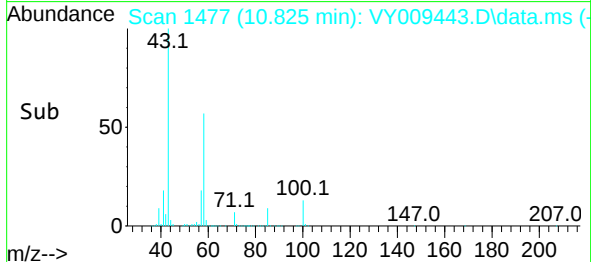
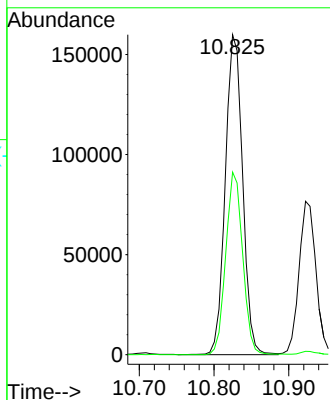
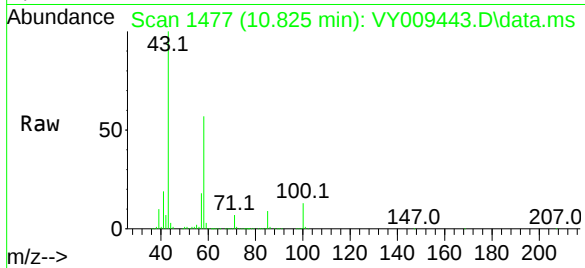




#59
2-Hexanone
Concen: 252.837 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

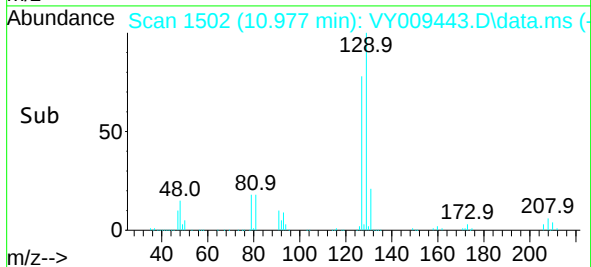
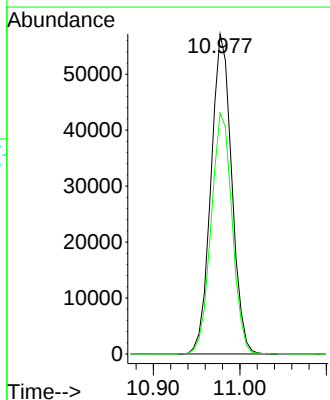
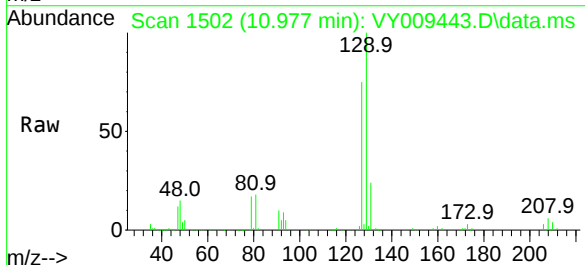
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

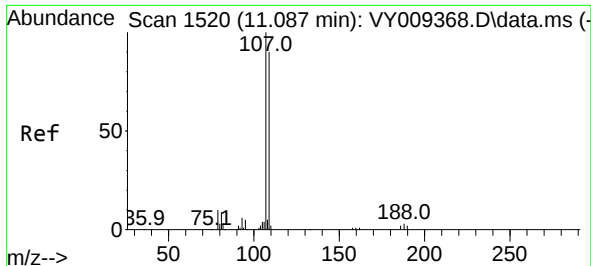
Tgt Ion: 43 Resp: 257383
Ion Ratio Lower Upper
43 100
58 55.7 24.4 73.4



#60
Dibromochloromethane
Concen: 50.643 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.007 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

Tgt Ion: 129 Resp: 94989
Ion Ratio Lower Upper
129 100
127 76.3 38.7 116.1

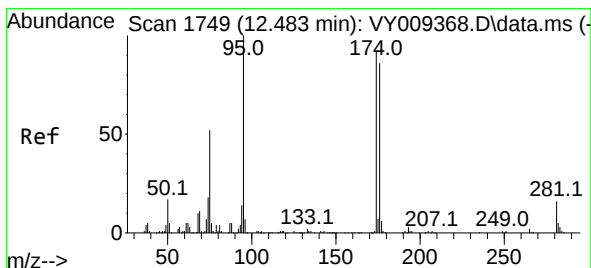
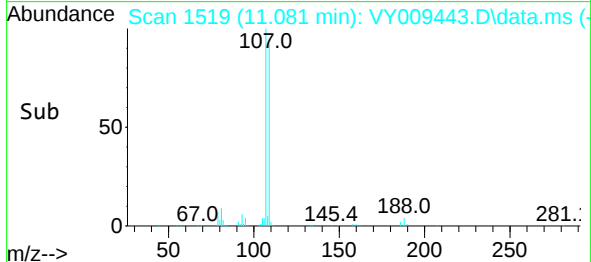
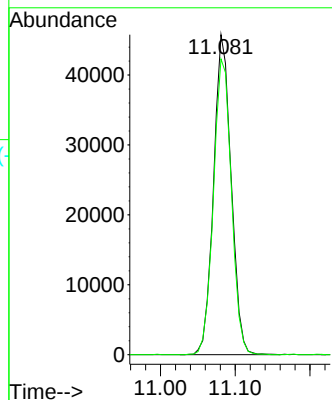
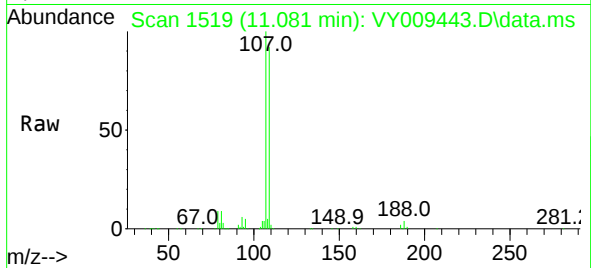




#61
1,2-Dibromoethane
Concen: 50.246 ug/l
RT: 11.081 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

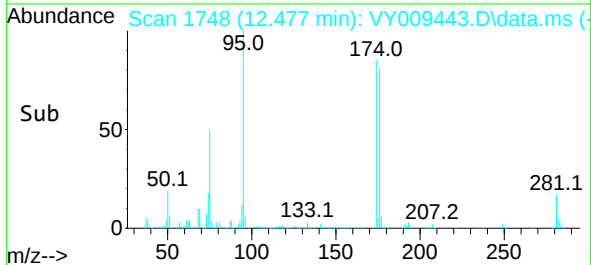
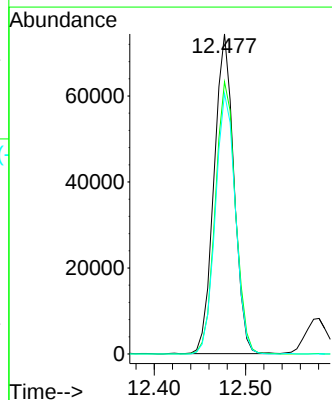
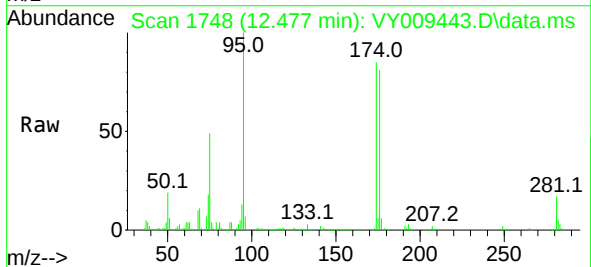
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

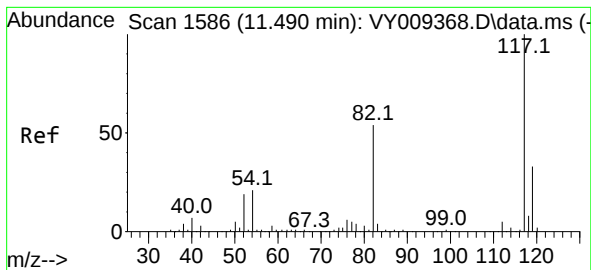
Tgt Ion:107 Resp: 74765
Ion Ratio Lower Upper
107 100
109 94.5 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 51.390 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

Tgt Ion: 95 Resp: 112190
Ion Ratio Lower Upper
95 100
174 86.6 0.0 177.0
176 82.1 0.0 175.8

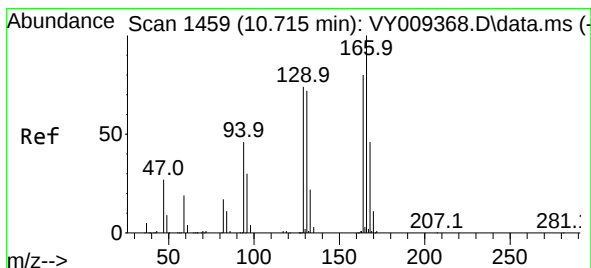
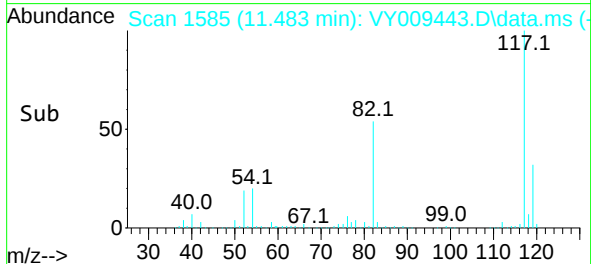
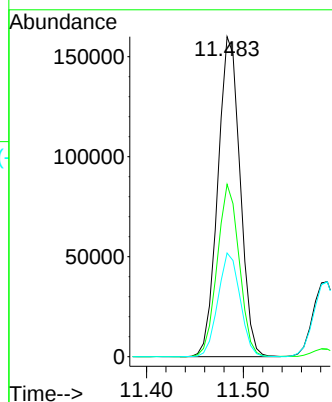
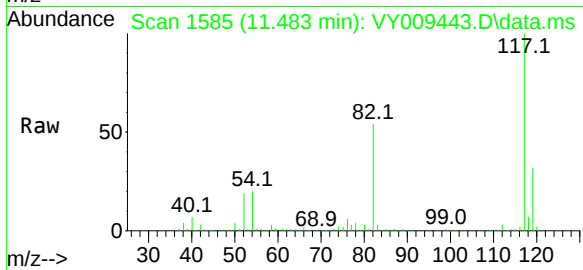




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

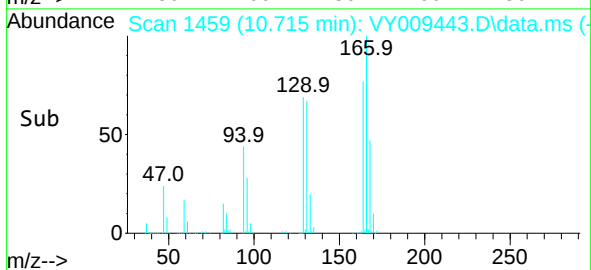
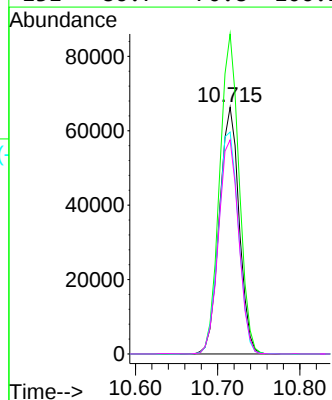
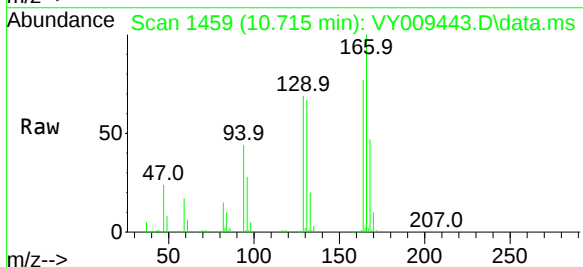
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

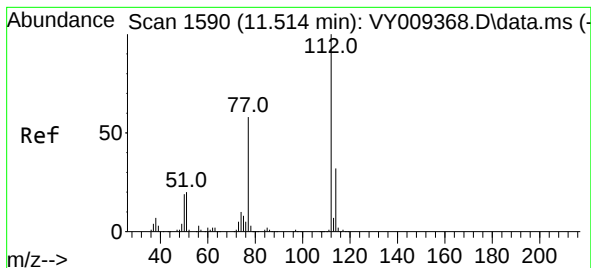
Tgt Ion:117 Resp: 255700
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.4
119 32.4 25.4 38.0



#64
Tetrachloroethene
Concen: 46.510 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

Tgt Ion:164 Resp: 110719
Ion Ratio Lower Upper
164 100
166 129.7 100.4 150.6
129 90.0 71.4 107.0
131 86.7 70.8 106.2





#65

Chlorobenzene

Concen: 46.173 ug/l

RT: 11.508 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY009443.D

Acq: 05 Jul 2022 17:27

Instrument :

MSVOA_Y

ClientSampleId :

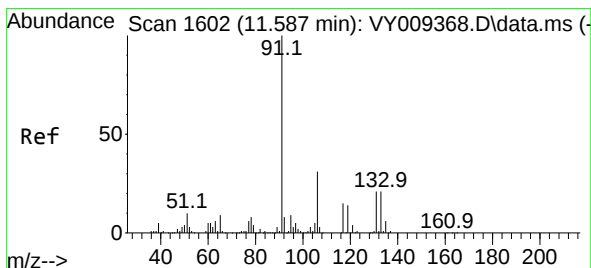
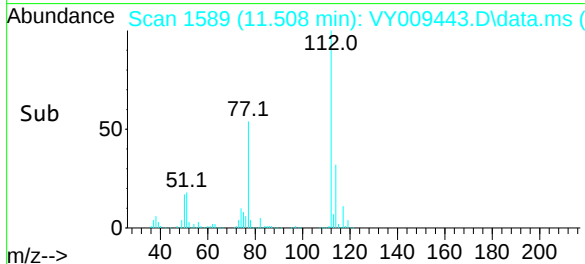
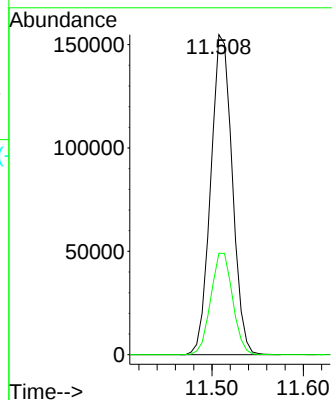
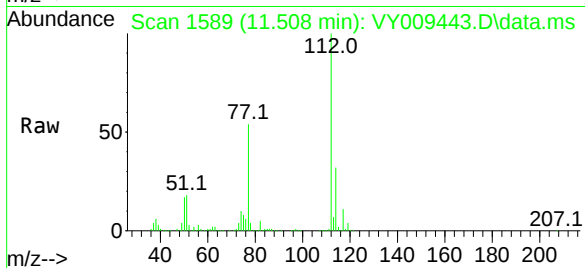
VSTDCCC050EC

Tgt Ion:112 Resp: 252621

Ion Ratio Lower Upper

112 100

114 31.7 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 47.815 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY009443.D

Acq: 05 Jul 2022 17:27

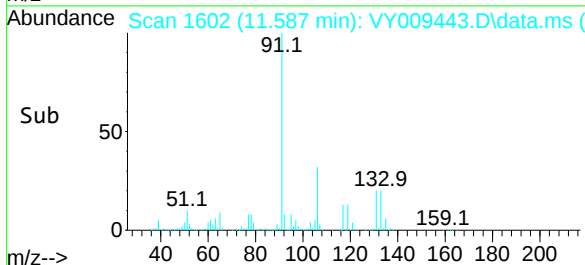
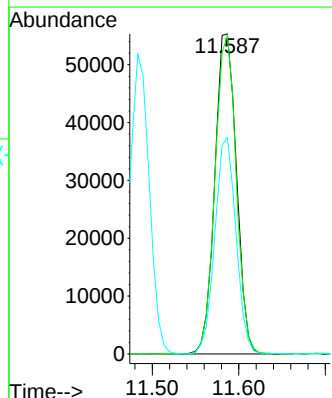
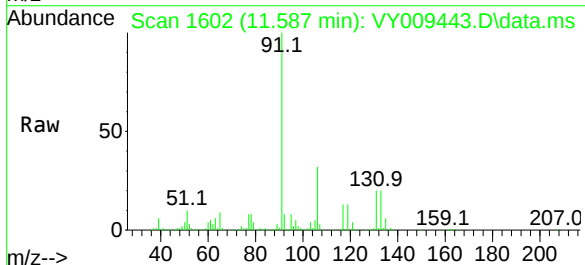
Tgt Ion:131 Resp: 95960

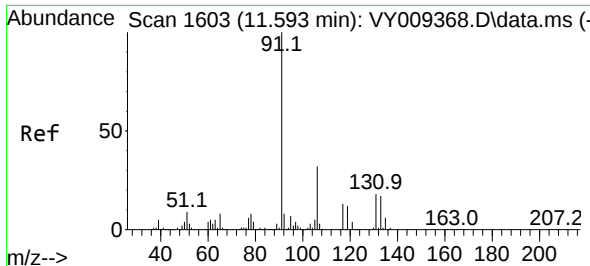
Ion Ratio Lower Upper

131 100

133 97.4 47.9 143.6

119 66.1 30.8 92.3

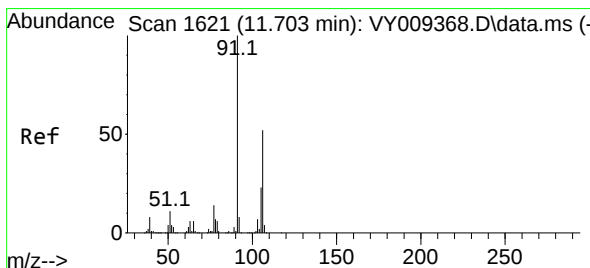
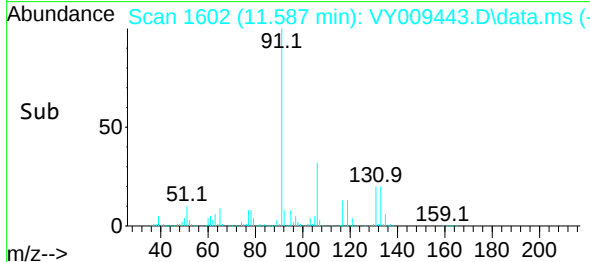
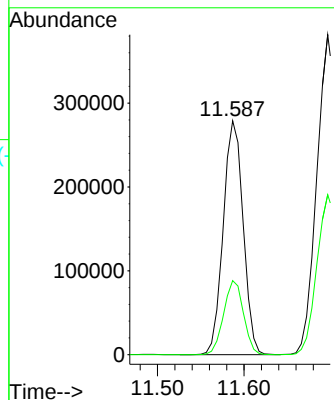
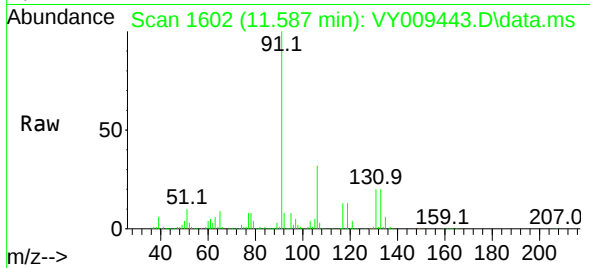




#67
Ethyl Benzene
Concen: 46.912 ug/l
RT: 11.587 min Scan# 1159
Delta R.T. -0.006 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

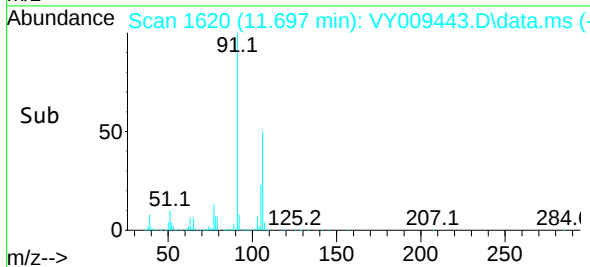
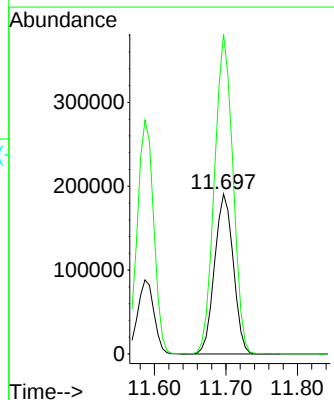
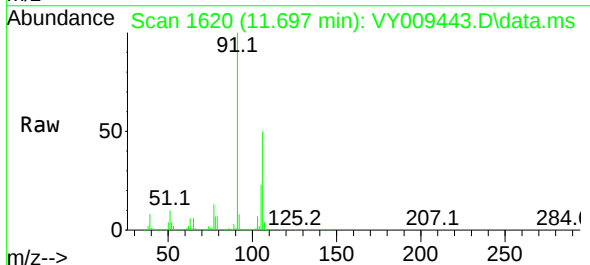
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

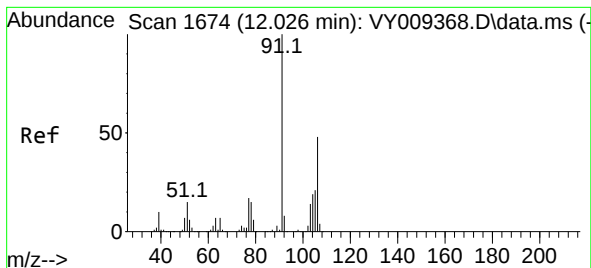
Tgt Ion: 91 Resp: 445260
Ion Ratio Lower Upper
91 100
106 31.7 24.5 36.7



#68
m/p-Xylenes
Concen: 91.218 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

Tgt Ion:106 Resp: 346194
Ion Ratio Lower Upper
106 100
91 197.7 166.6 249.8





#69

o-Xylene

Concen: 46.829 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009443.D

Acq: 05 Jul 2022 17:27

Instrument :

MSVOA_Y

ClientSampleId :

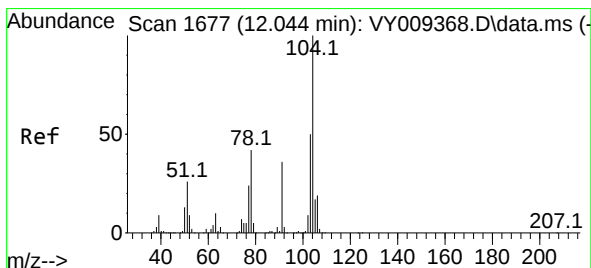
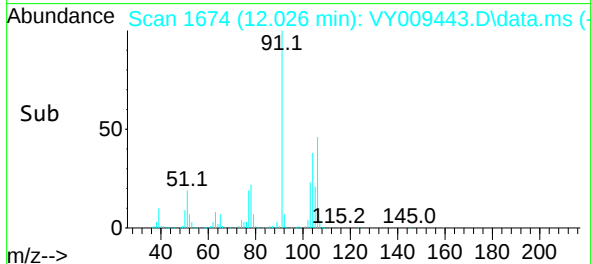
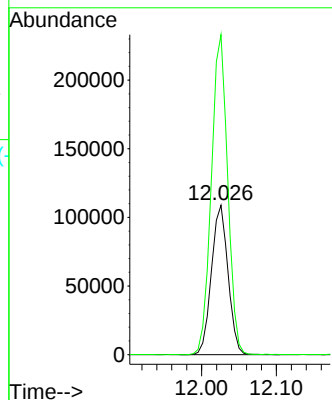
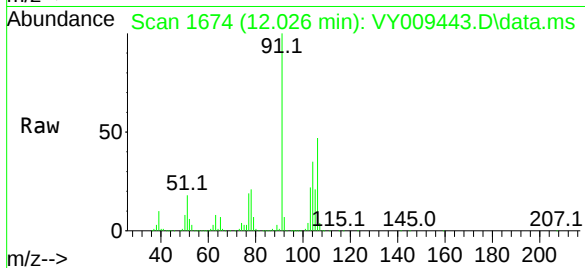
VSTDCCC050EC

Tgt Ion:106 Resp: 167724

Ion Ratio Lower Upper

106 100

91 210.7 110.3 331.0



#70

Styrene

Concen: 47.853 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.006 min

Lab File: VY009443.D

Acq: 05 Jul 2022 17:27

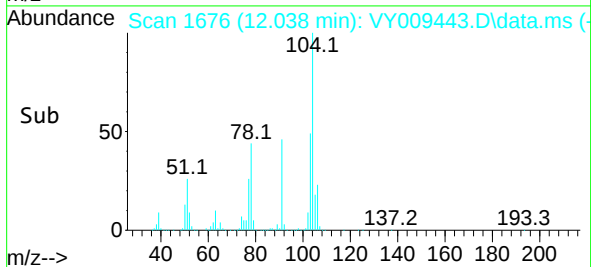
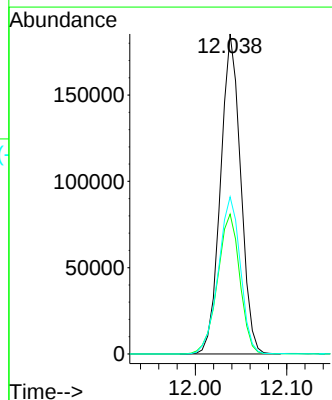
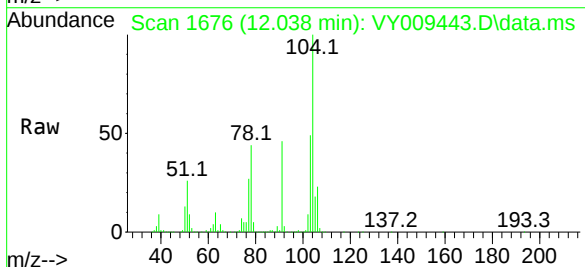
Tgt Ion:104 Resp: 283966

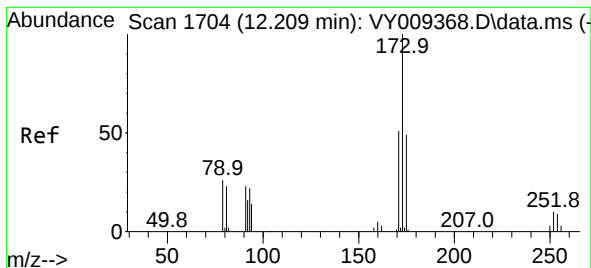
Ion Ratio Lower Upper

104 100

78 48.3 42.4 63.6

103 53.8 44.4 66.6





#71

Bromoform

Concen: 49.359 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009443.D

Acq: 05 Jul 2022 17:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

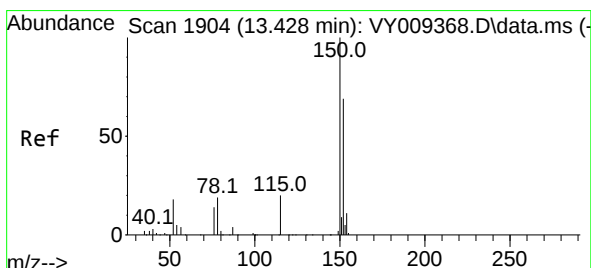
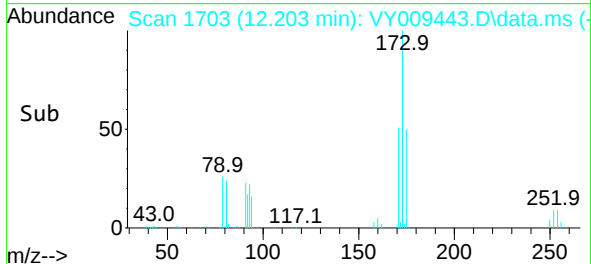
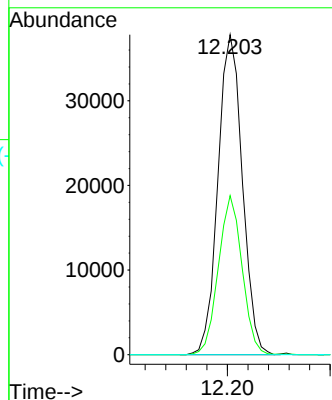
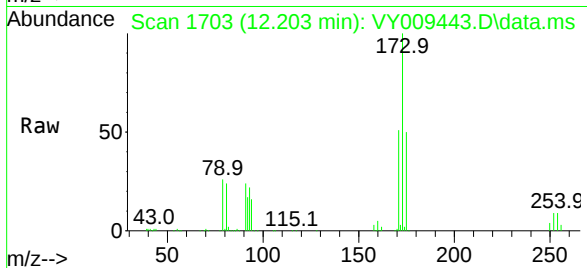
Tgt Ion:173 Resp: 62242

Ion Ratio Lower Upper

173 100

175 48.4 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY009443.D

Acq: 05 Jul 2022 17:27

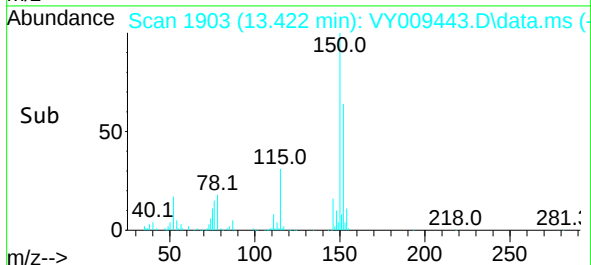
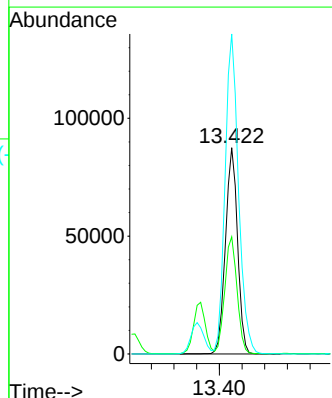
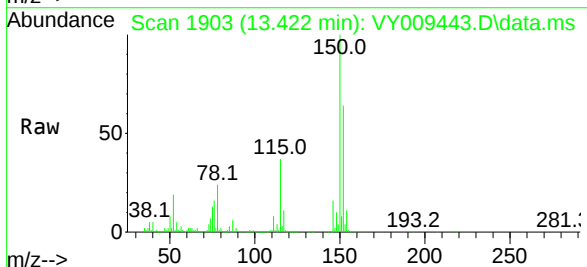
Tgt Ion:152 Resp: 129208

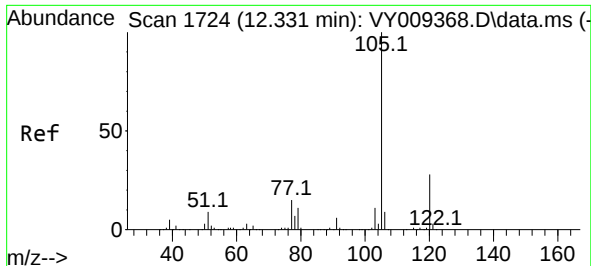
Ion Ratio Lower Upper

152 100

115 57.5 28.2 84.7

150 172.7 0.0 347.6

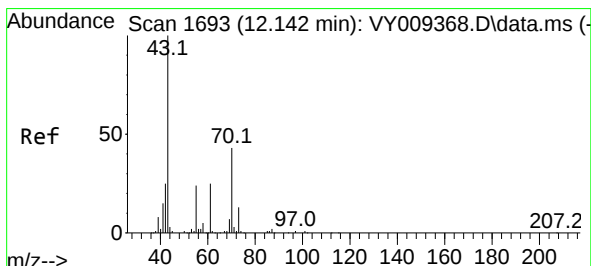
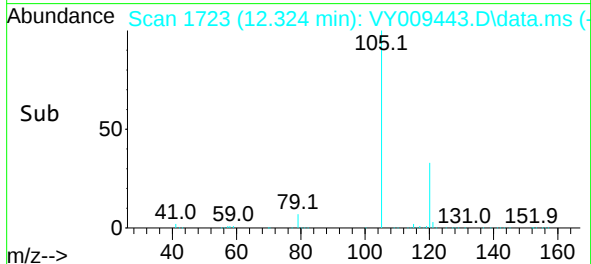
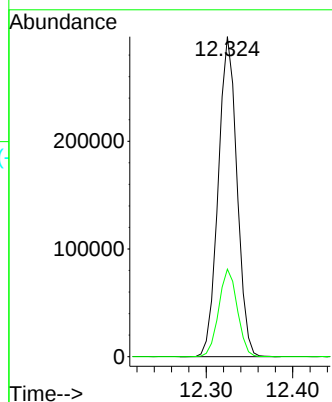
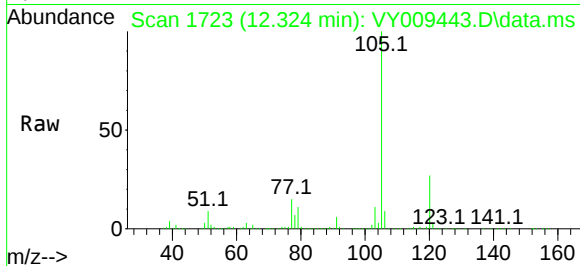




#73
Isopropylbenzene
Concen: 46.825 ug/l
RT: 12.324 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

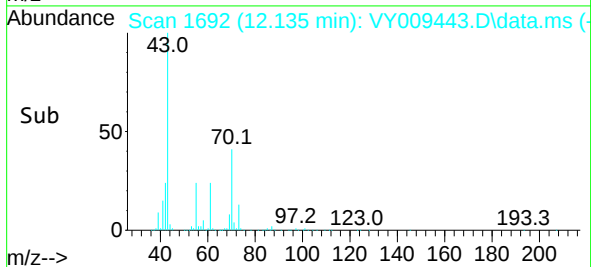
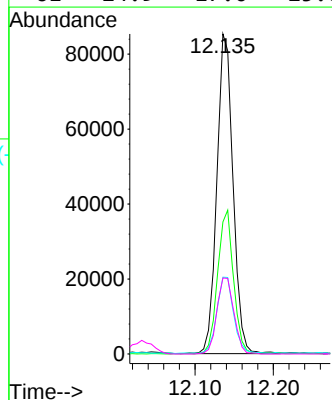
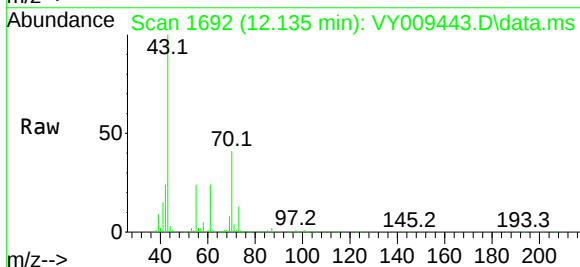
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

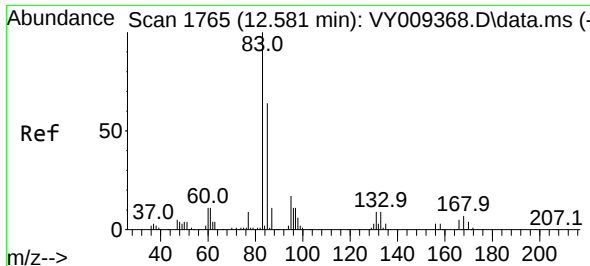
Tgt Ion:105 Resp: 446877
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.2



#74
N-amy1 acetate
Concen: 48.938 ug/l
RT: 12.135 min Scan# 1692
Delta R.T. -0.007 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

Tgt Ion: 43 Resp: 122510
Ion Ratio Lower Upper
43 100
70 44.3 28.7 43.1#
55 24.8 17.3 25.9
61 24.9 17.0 25.6

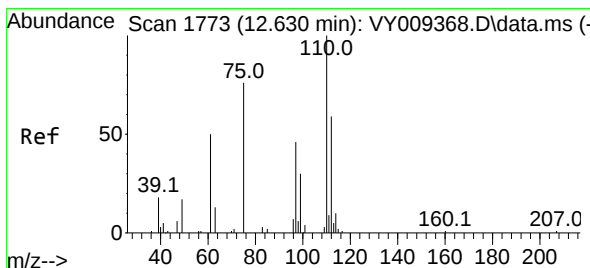
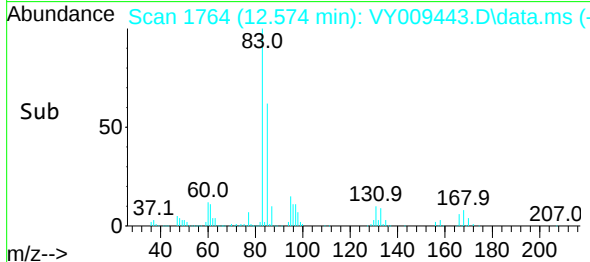
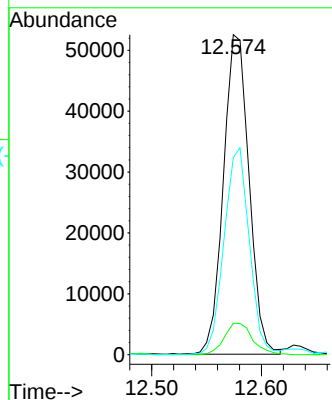
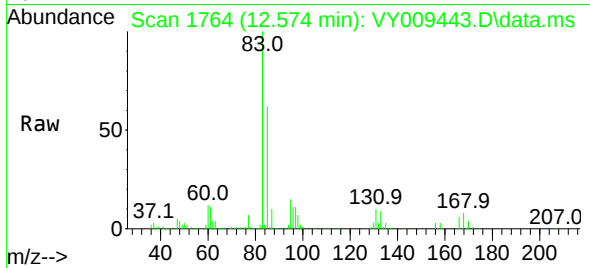




#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.209 ug/l
 RT: 12.574 min Scan# 1764
 Delta R.T. -0.007 min
 Lab File: VY009443.D
 Acq: 05 Jul 2022 17:27

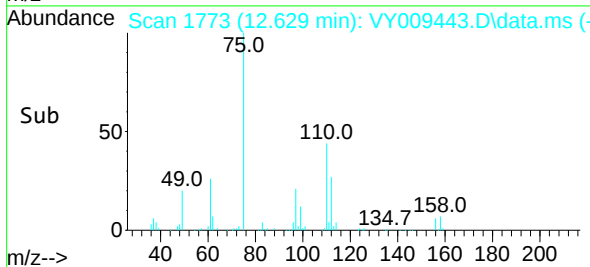
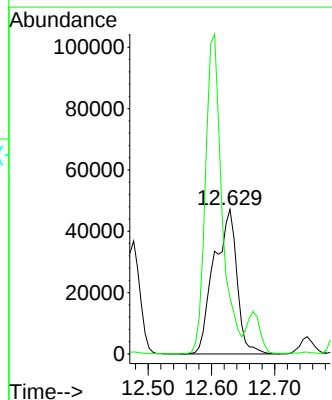
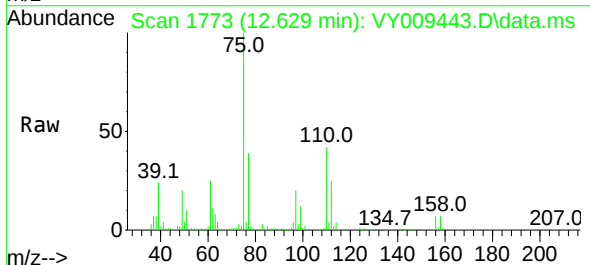
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

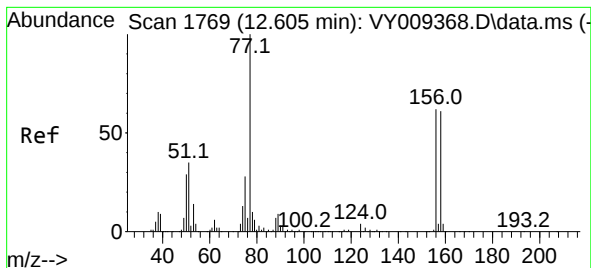
Tgt Ion: 83 Resp: 85426
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.6 16.8
 85 64.0 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 78.268 ug/l
 RT: 12.629 min Scan# 1773
 Delta R.T. -0.001 min
 Lab File: VY009443.D
 Acq: 05 Jul 2022 17:27

Tgt Ion: 75 Resp: 118430
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.283 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY009443.D

Acq: 05 Jul 2022 17:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

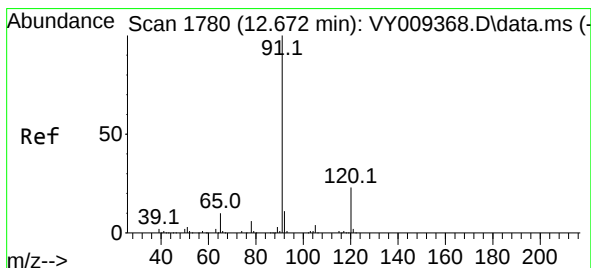
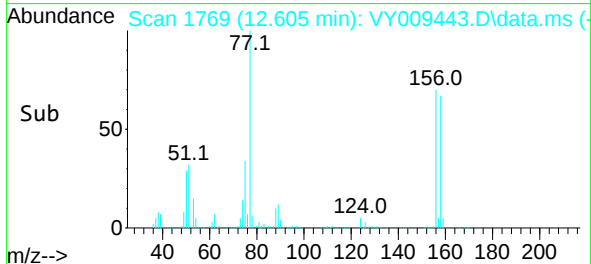
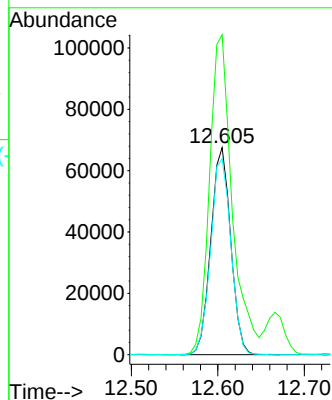
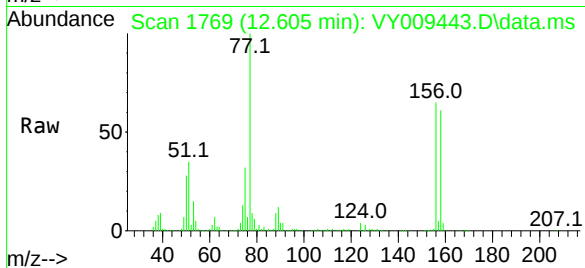
Tgt Ion:156 Resp: 107569

Ion Ratio Lower Upper

156 100

77 176.6 95.5 286.4

158 96.8 48.0 144.0



#78

n-propylbenzene

Concen: 46.316 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY009443.D

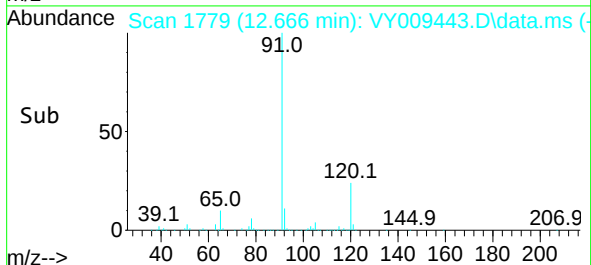
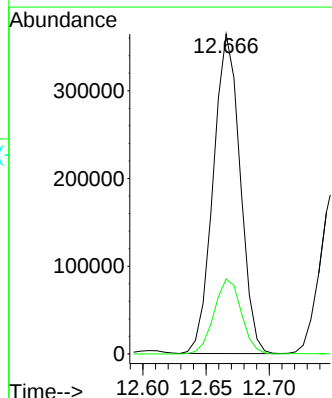
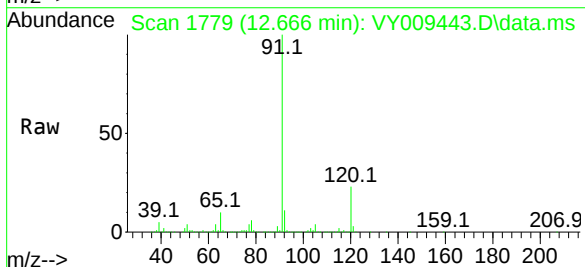
Acq: 05 Jul 2022 17:27

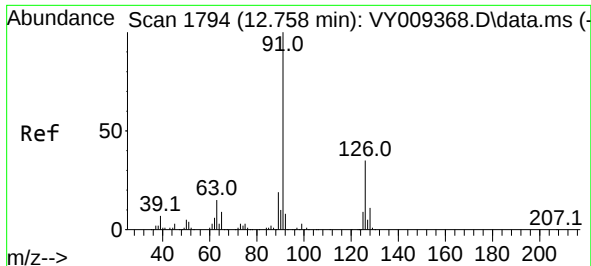
Tgt Ion: 91 Resp: 537690

Ion Ratio Lower Upper

91 100

120 23.7 11.3 33.9

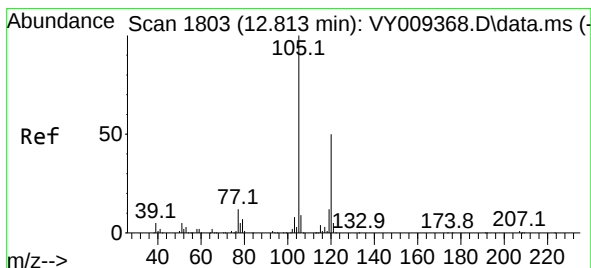
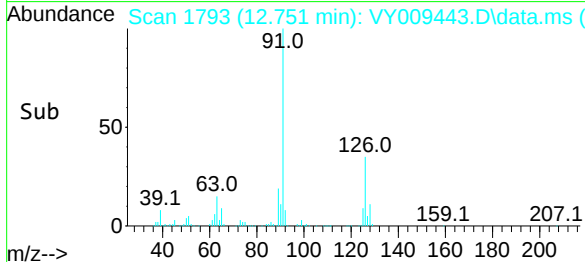
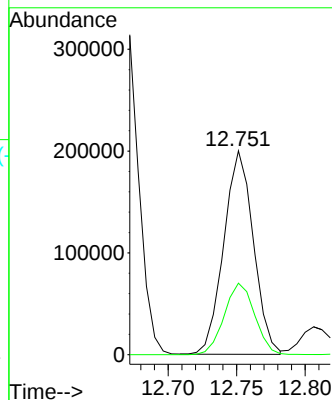
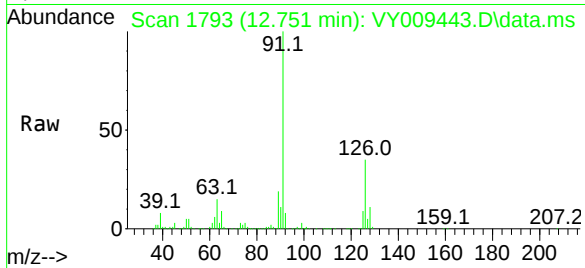




#79
2-Chlorotoluene
Concen: 45.896 ug/l
RT: 12.751 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

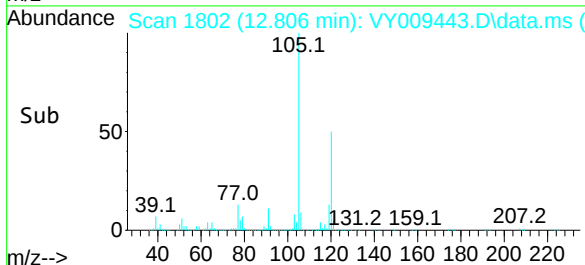
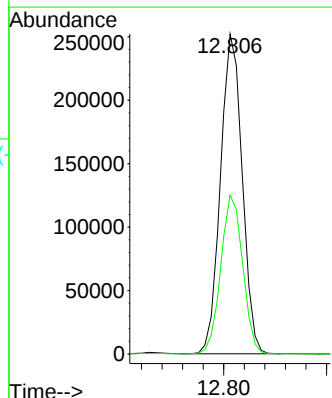
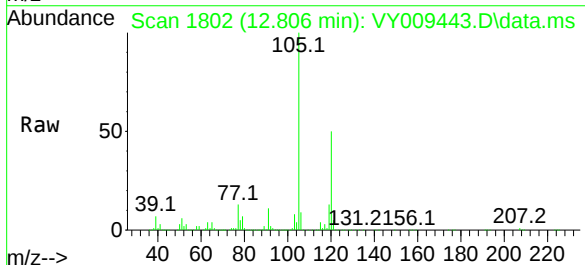
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

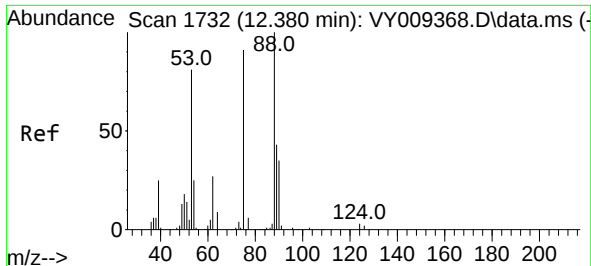
Tgt Ion: 91 Resp: 300751
Ion Ratio Lower Upper
91 100
126 36.0 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 46.222 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

Tgt Ion: 105 Resp: 368894
Ion Ratio Lower Upper
105 100
120 50.3 24.4 73.4

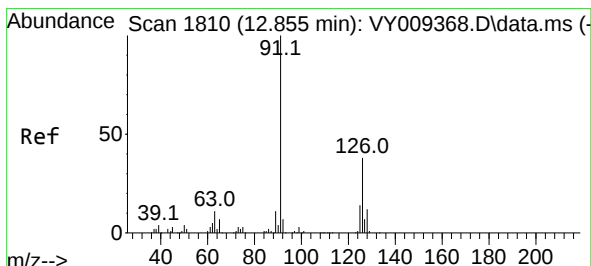
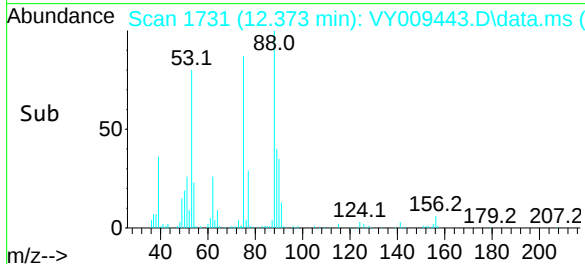
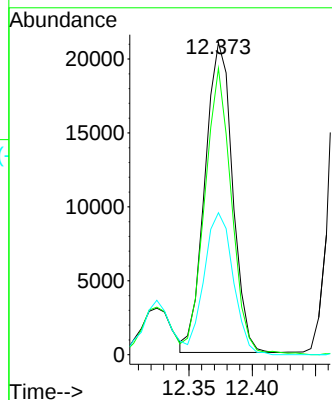
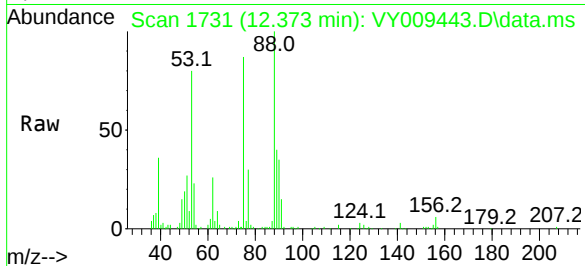




#81
trans-1,4-Dichloro-2-butene
Concen: 46.870 ug/l
RT: 12.373 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

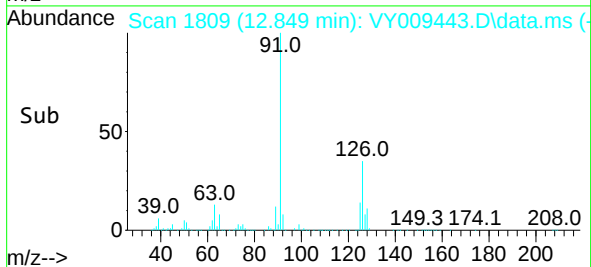
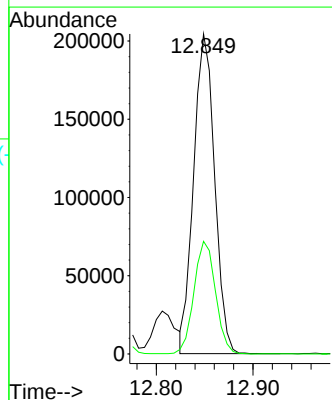
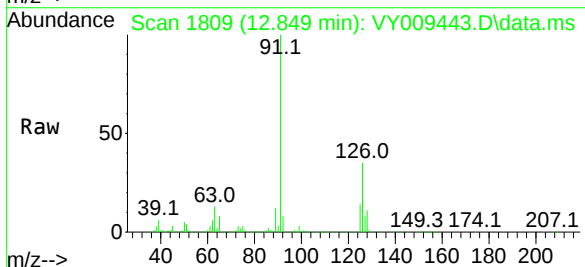
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

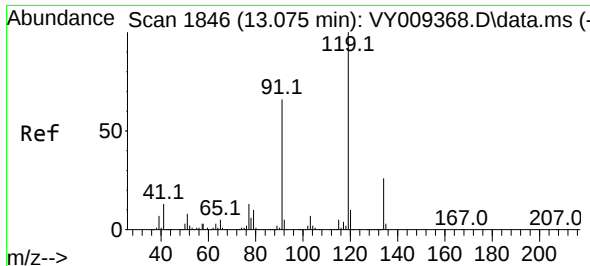
Tgt Ion: 75 Resp: 31853
Ion Ratio Lower Upper
75 100
53 89.6 85.3 127.9
89 47.8 37.0 55.4



#82
4-Chlorotoluene
Concen: 45.266 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

Tgt Ion: 91 Resp: 308249
Ion Ratio Lower Upper
91 100
126 36.3 17.0 51.0

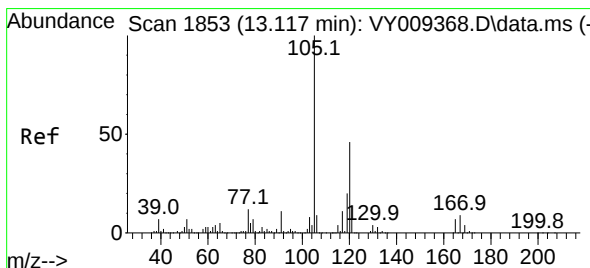
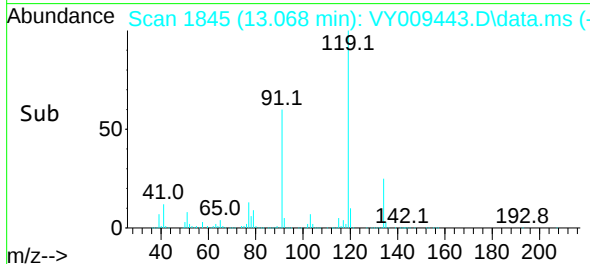
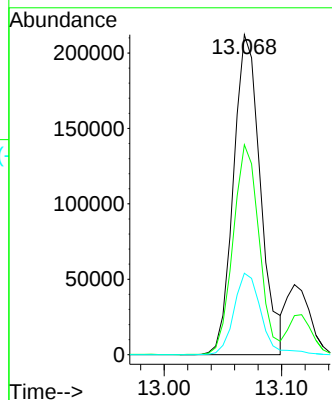
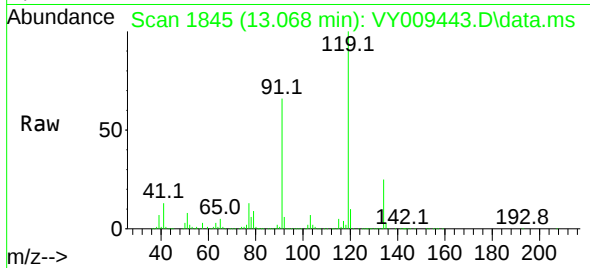




#83
tert-Butylbenzene
Concen: 50.475 ug/l
RT: 13.068 min Scan# 1845
Delta R.T. -0.007 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

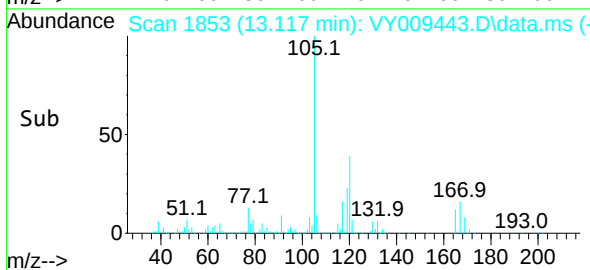
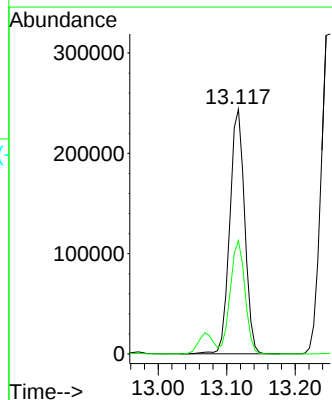
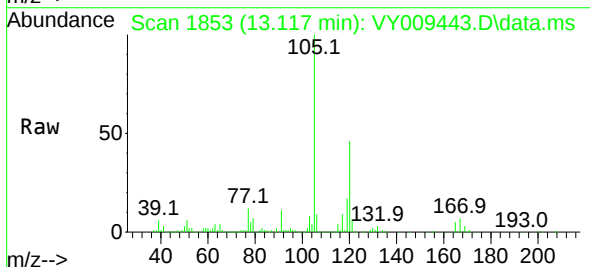
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

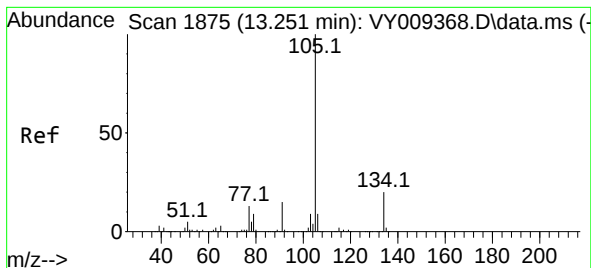
Tgt Ion:119 Resp: 338455
Ion Ratio Lower Upper
119 100
91 63.5 34.8 104.4
134 25.7 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 48.564 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

Tgt Ion:105 Resp: 368309
Ion Ratio Lower Upper
105 100
120 46.0 22.3 66.9





#85

sec-Butylbenzene

Concen: 48.295 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009443.D

Acq: 05 Jul 2022 17:27

Instrument :

MSVOA_Y

ClientSampleId :

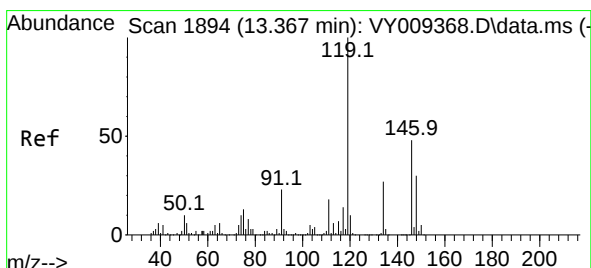
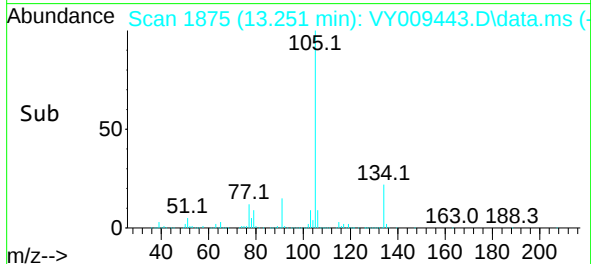
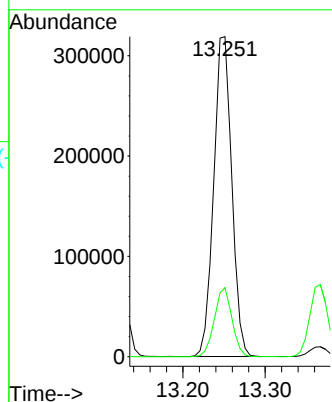
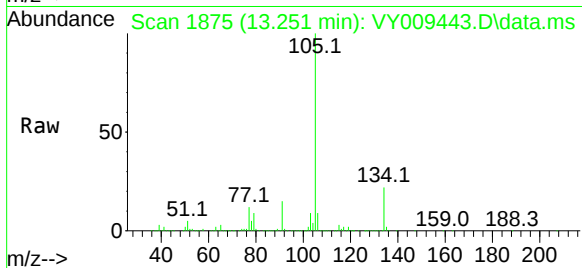
VSTDCCC050EC

Tgt Ion:105 Resp: 487745

Ion Ratio Lower Upper

105 100

134 21.0 10.2 30.4



#86

p-Isopropyltoluene

Concen: 47.704 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY009443.D

Acq: 05 Jul 2022 17:27

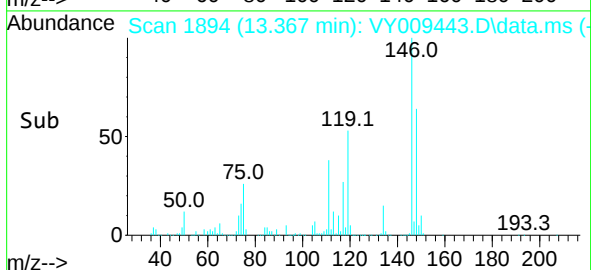
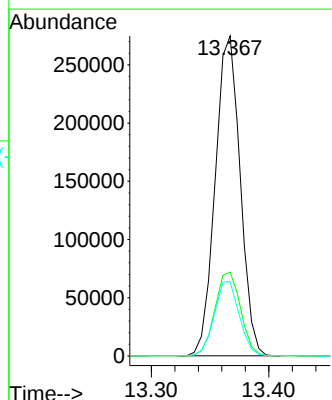
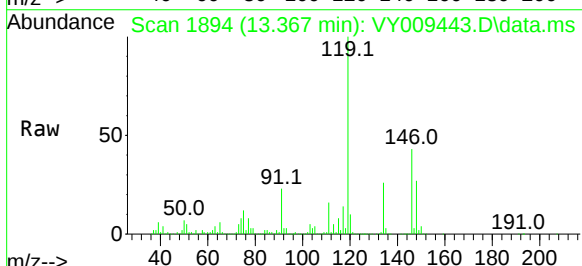
Tgt Ion:119 Resp: 405137

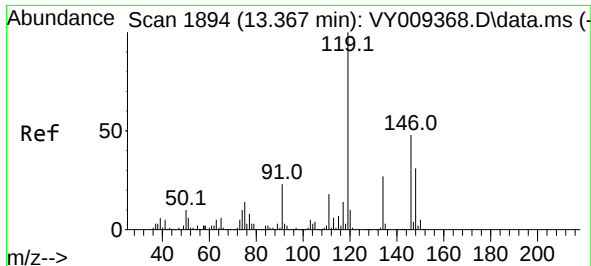
Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.5

91 23.2 12.4 37.2

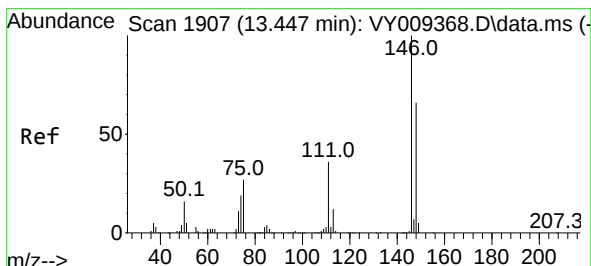
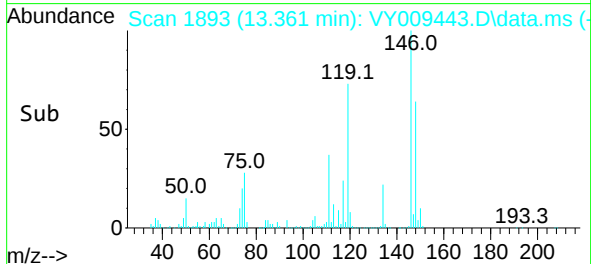
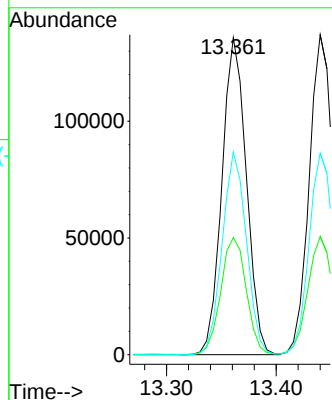
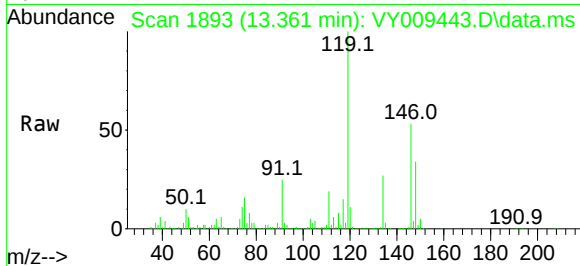




#87
1,3-Dichlorobenzene
Concen: 46.776 ug/l
RT: 13.361 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

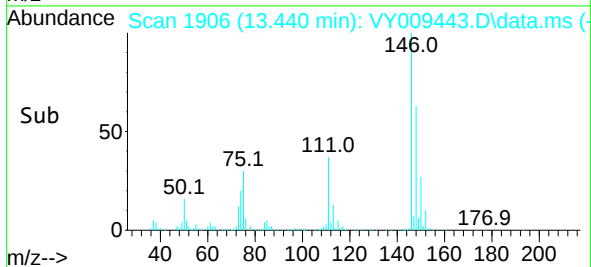
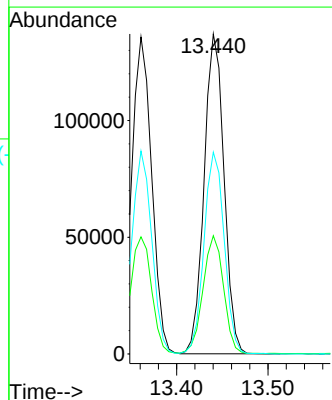
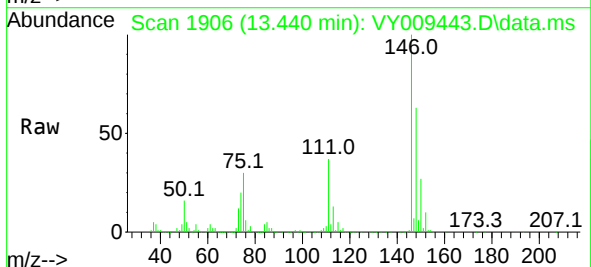
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

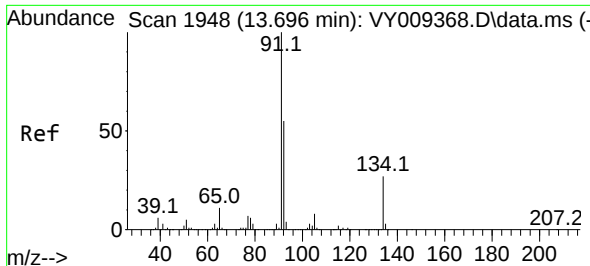
Tgt Ion:146 Resp: 210241
Ion Ratio Lower Upper
146 100
111 38.6 19.5 58.5
148 63.4 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 44.885 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

Tgt Ion:146 Resp: 207593
Ion Ratio Lower Upper
146 100
111 38.1 19.3 57.8
148 64.5 32.6 97.8

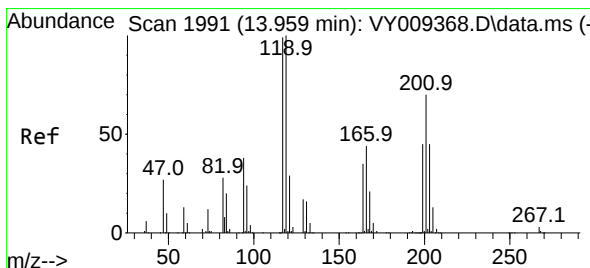
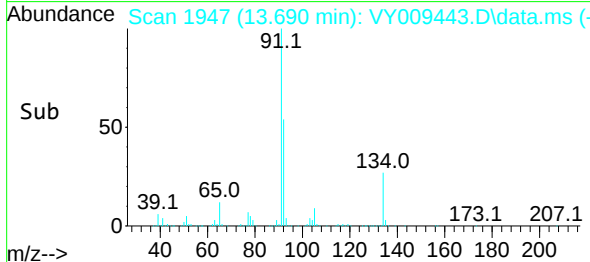
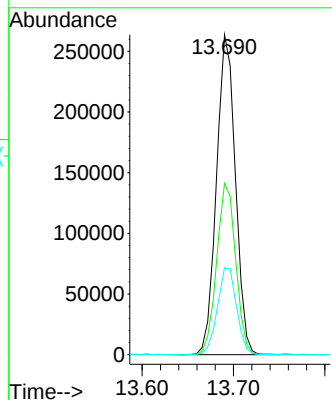
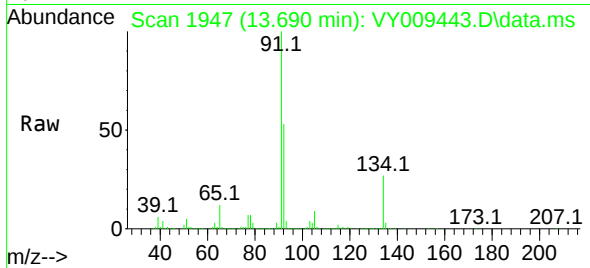




#89
n-Butylbenzene
Concen: 47.590 ug/l
RT: 13.690 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

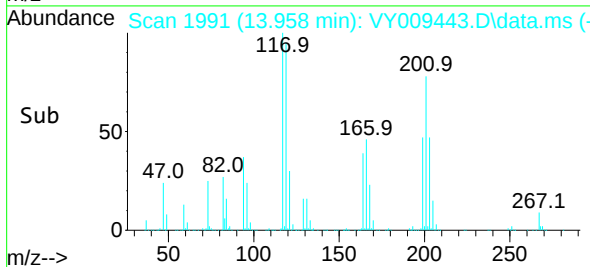
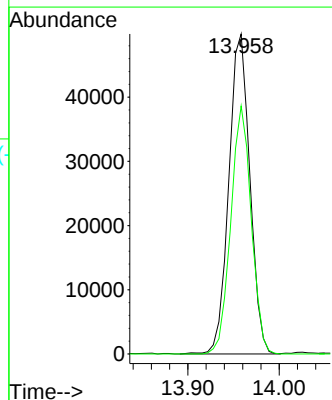
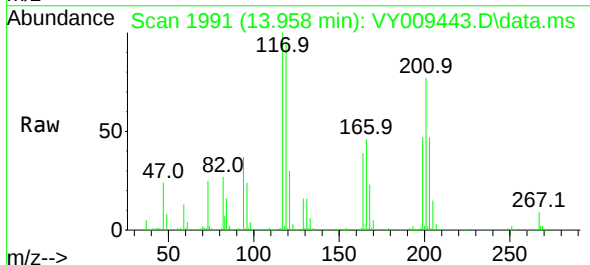
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

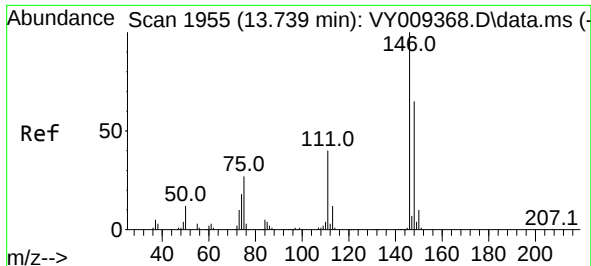
Tgt Ion: 91 Resp: 379749
Ion Ratio Lower Upper
91 100
92 53.8 26.3 78.9
134 27.5 13.0 38.9



#90
Hexachloroethane
Concen: 47.342 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.001 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

Tgt Ion: 117 Resp: 79714
Ion Ratio Lower Upper
117 100
201 75.3 43.0 128.8

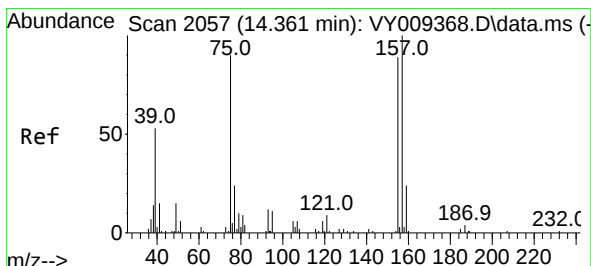
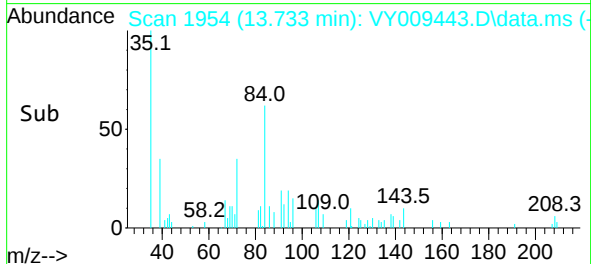
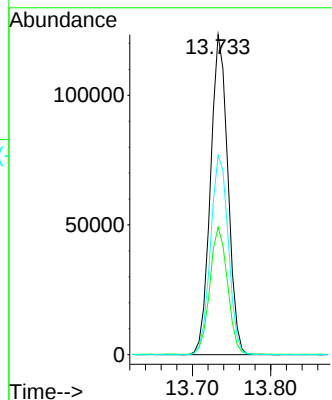
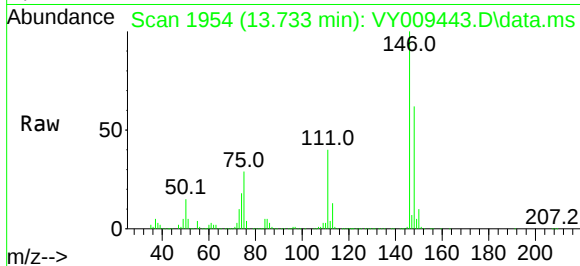




#91
1,2-Dichlorobenzene
Concen: 46.554 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.006 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

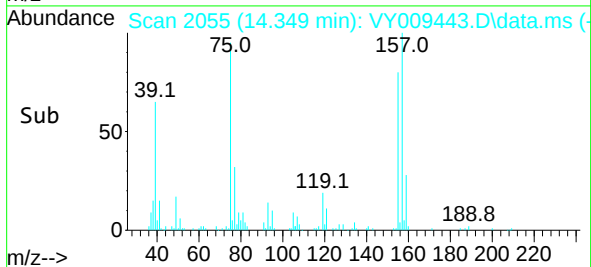
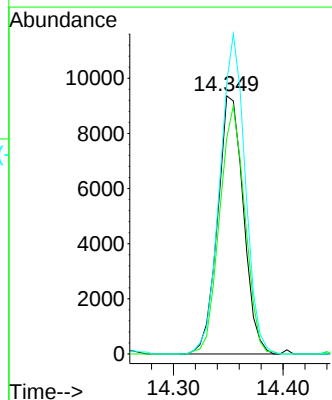
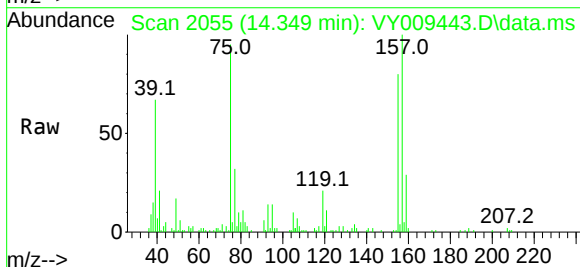
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

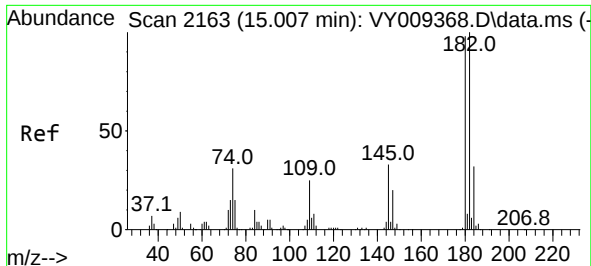
Tgt Ion:146 Resp: 189776
Ion Ratio Lower Upper
146 100
111 40.5 20.3 60.9
148 63.9 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.327 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

Tgt Ion: 75 Resp: 15283
Ion Ratio Lower Upper
75 100
155 94.3 38.0 113.9
157 121.3 47.8 143.3

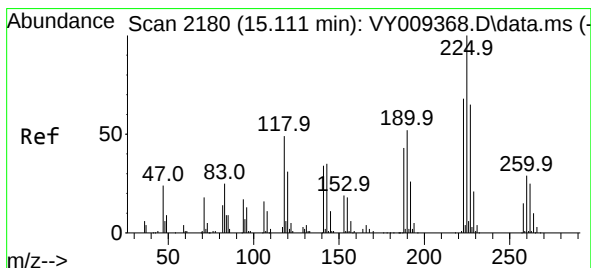
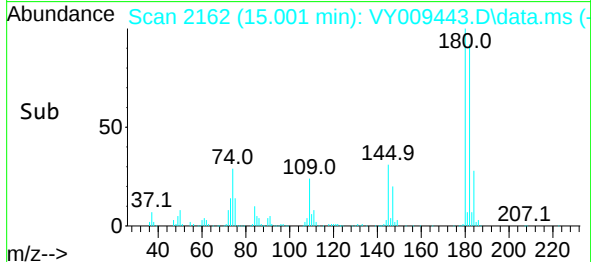
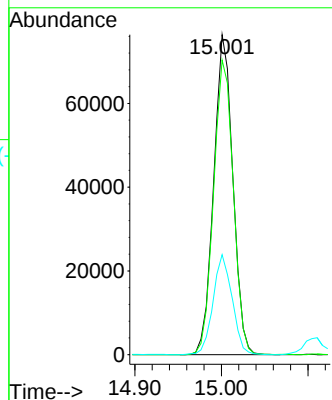
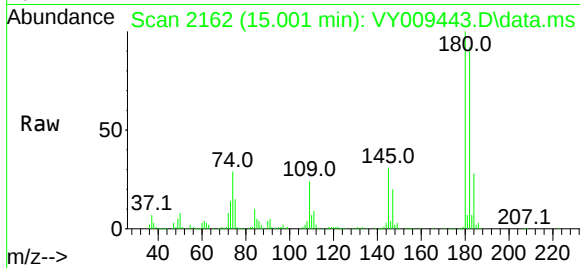




#93
1,2,4-Trichlorobenzene
Concen: 48.434 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. -0.006 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

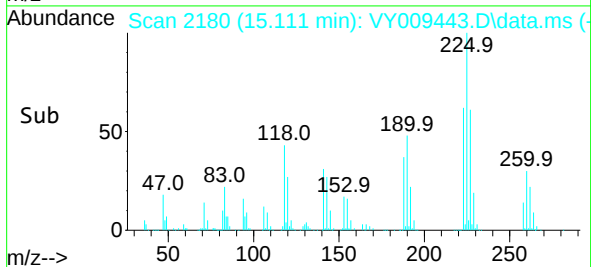
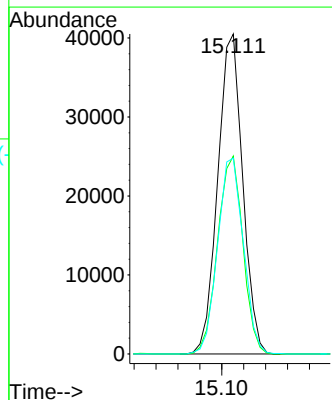
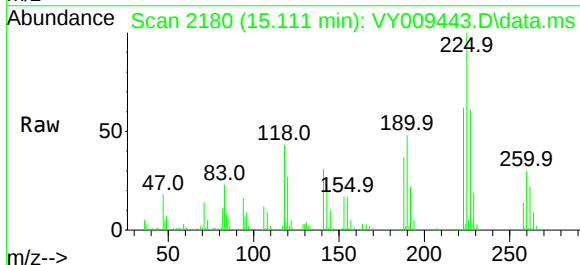
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

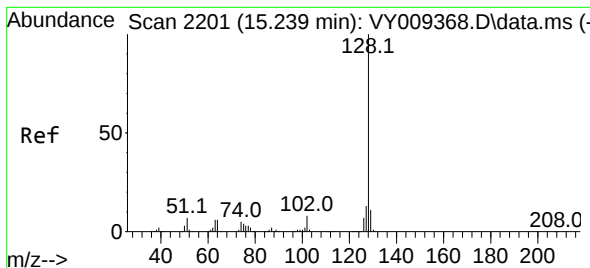
Tgt Ion:180 Resp: 117200
Ion Ratio Lower Upper
180 100
182 94.9 47.3 141.9
145 31.2 14.6 43.8



#94
Hexachlorobutadiene
Concen: 47.166 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY009443.D
Acq: 05 Jul 2022 17:27

Tgt Ion:225 Resp: 64071
Ion Ratio Lower Upper
225 100
223 62.7 30.8 92.3
227 63.3 31.6 94.7





#95

Naphthalene

Concen: 52.709 ug/l

RT: 15.233 min Scan# 2201

Delta R.T. -0.001 min

Lab File: VY009443.D

Acq: 05 Jul 2022 17:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

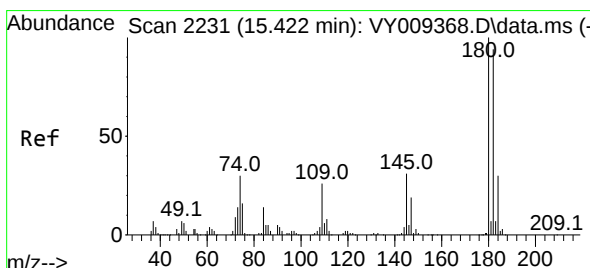
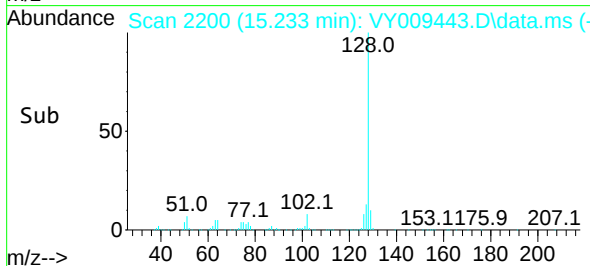
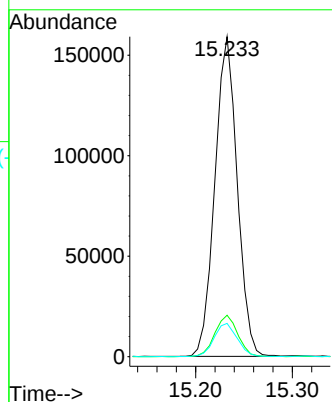
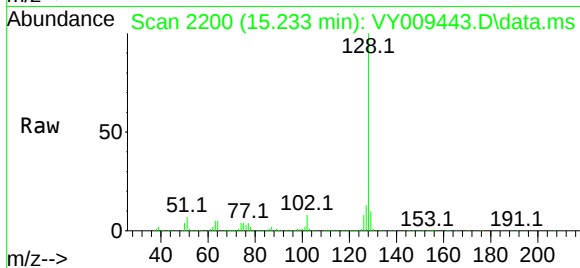
Tgt Ion:128 Resp: 255370

Ion Ratio Lower Upper

128 100

127 13.3 11.0 16.4

129 10.9 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 48.274 ug/l

RT: 15.421 min Scan# 2231

Delta R.T. -0.001 min

Lab File: VY009443.D

Acq: 05 Jul 2022 17:27

Tgt Ion:180 Resp: 101485

Ion Ratio Lower Upper

180 100

182 95.7 47.3 141.9

145 33.9 15.3 45.9

