

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081122\
 Data File : VY009959.D
 Acq On : 11 Aug 2022 12:38
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 12 02:47:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 17:37:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	76371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	128800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	113876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	61309	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	28991	48.658	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.320%
35) Dibromofluoromethane	7.710	113	32094	43.307	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.620%
50) Toluene-d8	10.173	98	96240	43.679	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.360%
62) 4-Bromofluorobenzene	12.477	95	48242	46.304	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	27972	46.374	ug/l	98
3) Chloromethane	2.107	50	34218	50.572	ug/l	96
4) Vinyl Chloride	2.241	62	36530	51.358	ug/l	97
5) Bromomethane	2.637	94	26929	60.123	ug/l	97
6) Chloroethane	2.784	64	26945	54.117	ug/l	95
7) Trichlorofluoromethane	3.113	101	66713	45.828	ug/l	98
8) Diethyl Ether	3.521	74	24493	44.726	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.881	101	39560	44.555	ug/l	95
10) Methyl Iodide	4.076	142	48268	47.156	ug/l	98
11) Tert butyl alcohol	4.942	59	20166	270.351	ug/l #	94
12) 1,1-Dichloroethene	3.857	96	38367	44.304	ug/l	99
13) Acrolein	3.716	56	28034	243.126	ug/l	98
14) Allyl chloride	4.466	41	68644	47.153	ug/l	97
15) Acrylonitrile	5.149	53	65445	243.891	ug/l	99
16) Acetone	3.936	43	64095	333.601	ug/l	96
17) Carbon Disulfide	4.180	76	122126	43.213	ug/l	99
18) Methyl Acetate	4.466	43	31485	48.468	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	108371	49.245	ug/l	97
20) Methylene Chloride	4.704	84	47841	47.624	ug/l	98
21) trans-1,2-Dichloroethene	5.204	96	44080	45.460	ug/l	97
22) Diisopropyl ether	6.106	45	149427	50.560	ug/l	97
23) Vinyl Acetate	6.045	43	480130	261.992	ug/l	98
24) 1,1-Dichloroethane	6.003	63	78484	46.934	ug/l	96
25) 2-Butanone	6.972	43	94394	287.101	ug/l	99
26) 2,2-Dichloropropane	6.972	77	68480	51.867	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	50787	48.213	ug/l	99
28) Bromochloromethane	7.319	49	36189	50.717	ug/l	94
29) Tetrahydrofuran	7.338	42	58818	260.281	ug/l	97
30) Chloroform	7.496	83	78330	47.155	ug/l	100
31) Cyclohexane	7.771	56	75213	45.998	ug/l	97
32) 1,1,1-Trichloroethane	7.691	97	66707	47.887	ug/l	98
36) 1,1-Dichloropropene	7.905	75	62267	48.267	ug/l	99
37) Ethyl Acetate	7.063	43	38706	51.359	ug/l	100
38) Carbon Tetrachloride	7.893	117	60031	48.584	ug/l	98
39) Methylcyclohexane	9.179	83	75952	48.947	ug/l	95
40) Benzene	8.149	78	191101	49.033	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	52580	133.506	ug/l #	100
42) 1,2-Dichloroethane	8.228	62	50653	49.596	ug/l	100
43) Isopropyl Acetate	8.264	43	70701	52.397	ug/l	98
44) Trichloroethene	8.935	130	46875	47.029	ug/l	98
45) 1,2-Dichloropropane	9.209	63	47514	48.963	ug/l	100
46) Dibromomethane	9.301	93	27118	49.225	ug/l	95
47) Bromodichloromethane	9.490	83	61230	49.287	ug/l	100
48) Methyl methacrylate	9.289	41	30591	51.230	ug/l	97
49) 1,4-Dioxane	9.289	88	6249	1104.701	ug/l	98
51) 4-Methyl-2-Pentanone	10.069	43	195609	268.532	ug/l	98
52) Toluene	10.240	92	112415	46.971	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	72548	56.765	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	72723	48.646	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	40644	50.925	ug/l	96
56) Ethyl methacrylate	10.508	69	57619	58.568	ug/l	96
57) 1,3-Dichloropropane	10.788	76	65949	49.666	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	114132	222.651	ug/l	98
59) 2-Hexanone	10.831	43	148182	295.190	ug/l	98
60) Dibromochloromethane	10.983	129	42966	48.000	ug/l	99
61) 1,2-Dibromoethane	11.087	107	34522	46.654	ug/l	97
64) Tetrachloroethene	10.715	164	46908	52.632	ug/l	97
65) Chlorobenzene	11.514	112	126065	50.895	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	43431	49.239	ug/l	97
67) Ethyl Benzene	11.593	91	221639	51.422	ug/l	97
68) m/p-Xylenes	11.697	106	186161	111.520	ug/l	95
69) o-Xylene	12.026	106	84890	54.782	ug/l	96
70) Styrene	12.044	104	146919	56.289	ug/l	99
71) Bromoform	12.203	173	28469	54.376	ug/l #	99
73) Isopropylbenzene	12.325	105	215575	49.104	ug/l	99
74) N-amyl acetate	12.142	43	70273	53.114	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	43622	44.461	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	59512	90.925	ug/l #	100
77) Bromobenzene	12.605	156	47144	44.845	ug/l	87
78) n-propylbenzene	12.672	91	287515	51.084	ug/l	98
79) 2-Chlorotoluene	12.751	91	159739	50.188	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	191511	51.807	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	17175	51.079	ug/l	94
82) 4-Chlorotoluene	12.855	91	167681	50.547	ug/l	97
83) tert-Butylbenzene	13.075	119	162346	51.678	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	188879	52.401	ug/l	99
85) sec-Butylbenzene	13.251	105	252838	51.839	ug/l	98
86) p-Isopropyltoluene	13.367	119	204748	52.302	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	105196	49.755	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	105129	48.751	ug/l	99
89) n-Butylbenzene	13.696	91	201710	51.995	ug/l	97
90) Hexachloroethane	13.959	117	40013	48.910	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	95804	49.664	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7370	49.225	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	52072	49.401	ug/l	98
94) Hexachlorobutadiene	15.111	225	27775	46.659	ug/l	98
95) Naphthalene	15.239	128	115112	51.290	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	46455	49.022	ug/l	99

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QLast Update : Wed Aug 10 17:37:28 2022
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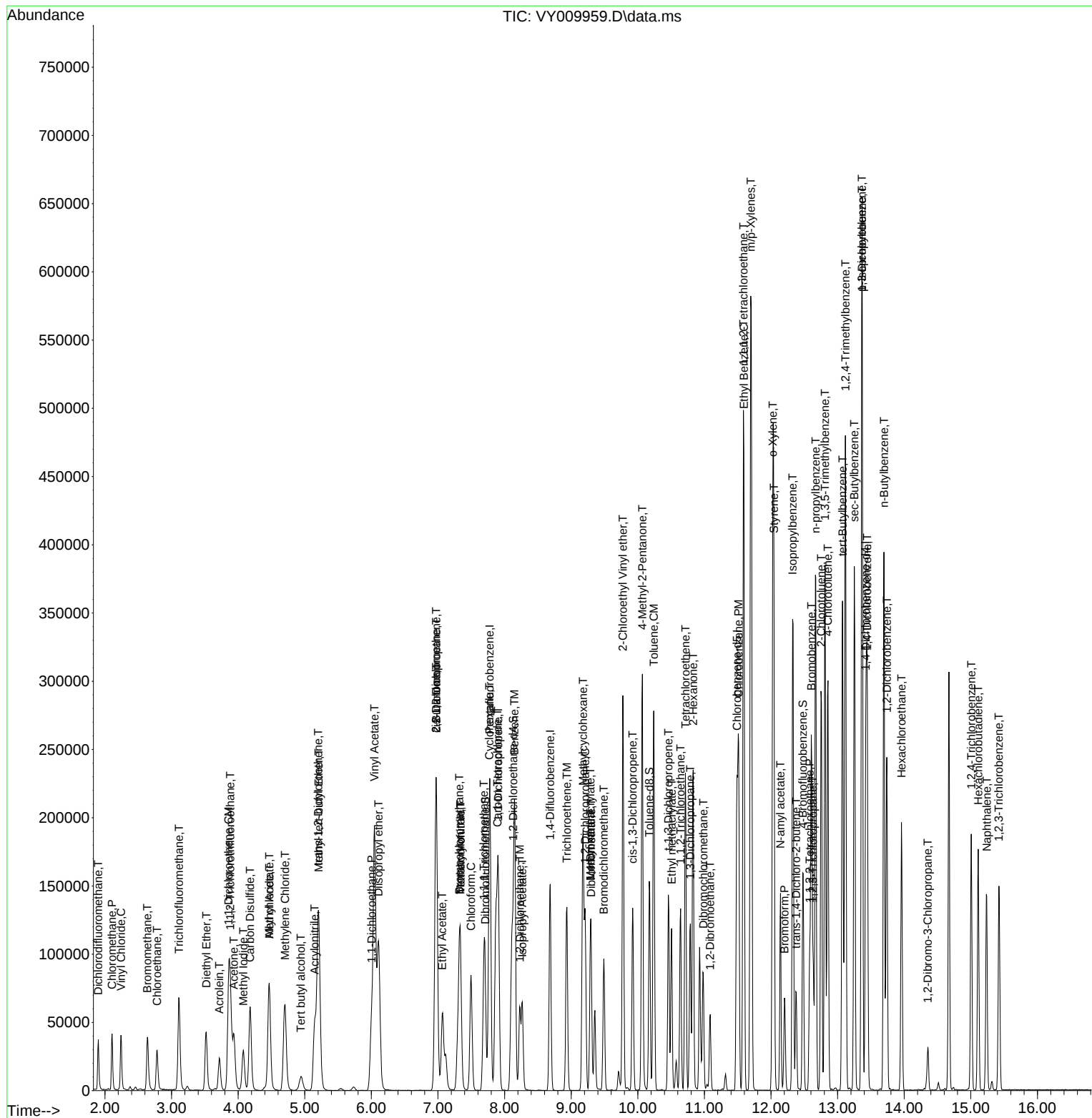
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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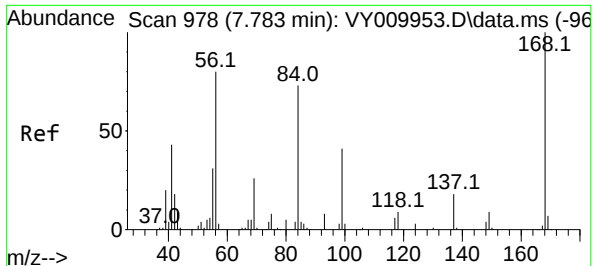
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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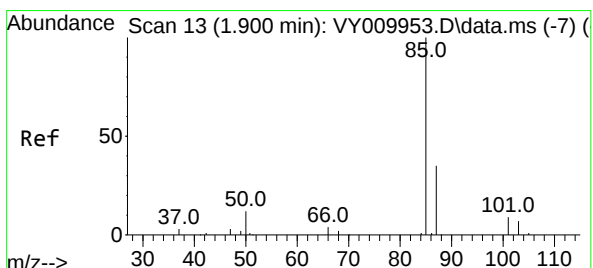
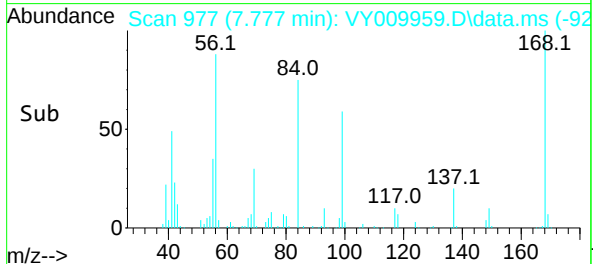
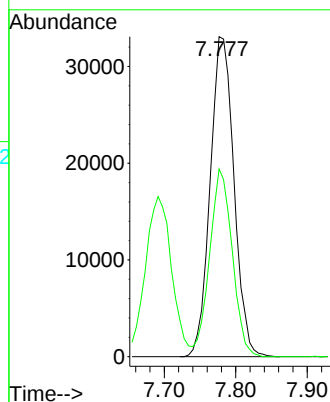
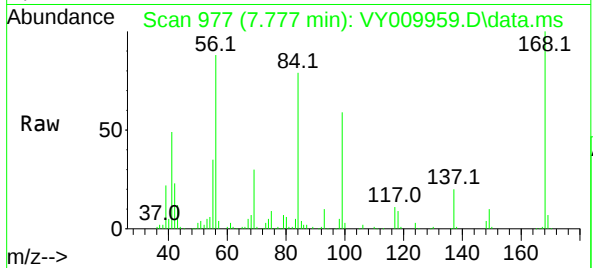




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
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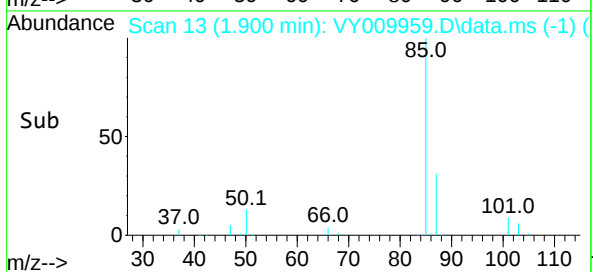
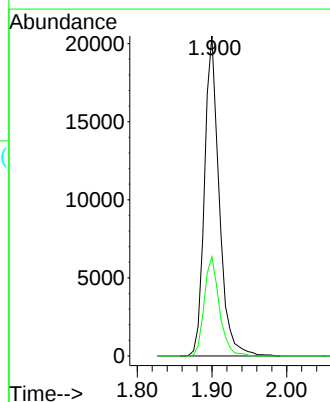
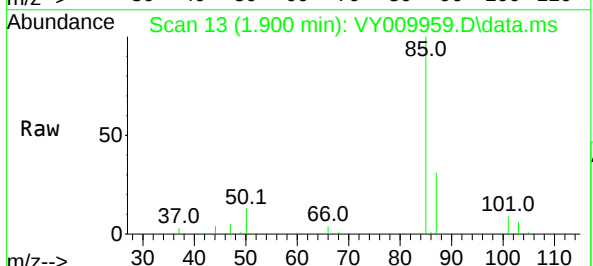
Instrument :
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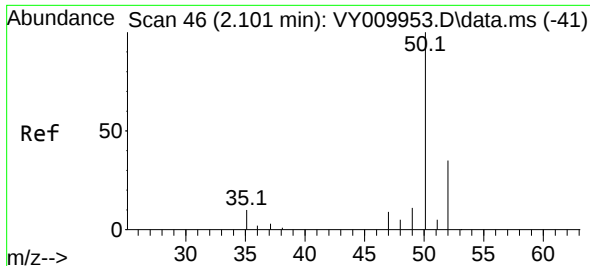
Tgt Ion:168 Resp: 76371
Ion Ratio Lower Upper
168 100
99 58.7 42.1 63.1



#2
Dichlorodifluoromethane
Concen: 46.374 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

Tgt Ion: 85 Resp: 27972
Ion Ratio Lower Upper
85 100
87 31.0 16.2 48.5

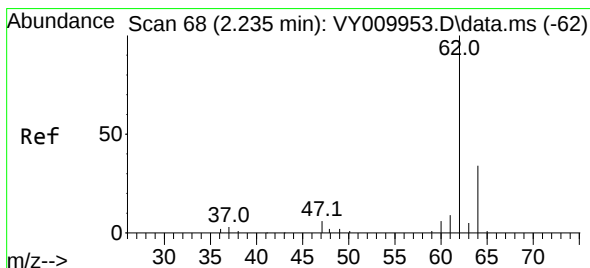
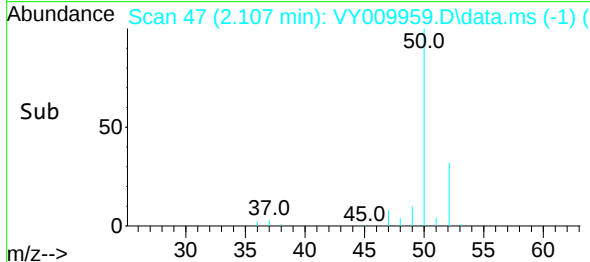
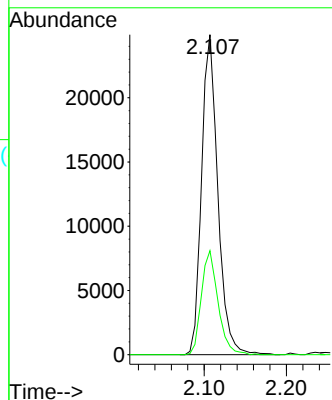
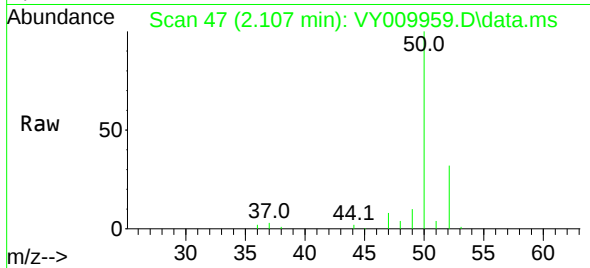




#3
Chloromethane
Concen: 50.572 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

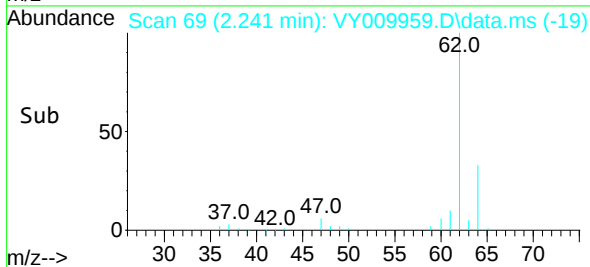
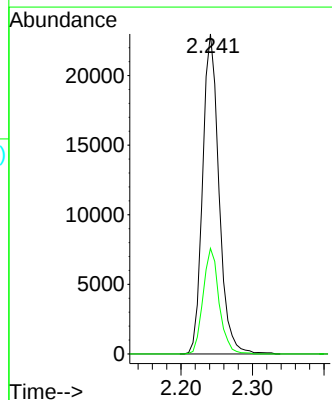
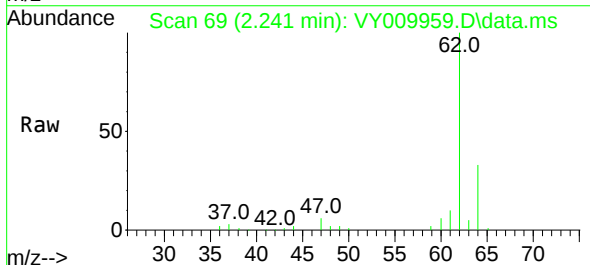
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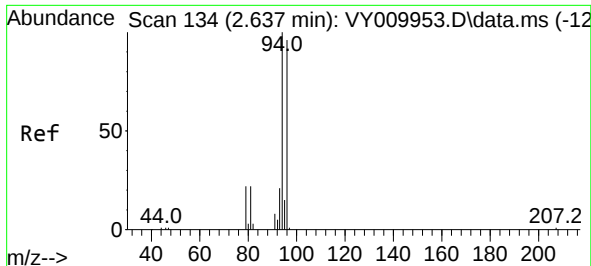
Tgt Ion: 50 Resp: 34218
Ion Ratio Lower Upper
50 100
52 32.5 27.9 41.9



#4
Vinyl Chloride
Concen: 51.358 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.006 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

Tgt Ion: 62 Resp: 36530
Ion Ratio Lower Upper
62 100
64 33.0 25.0 37.4

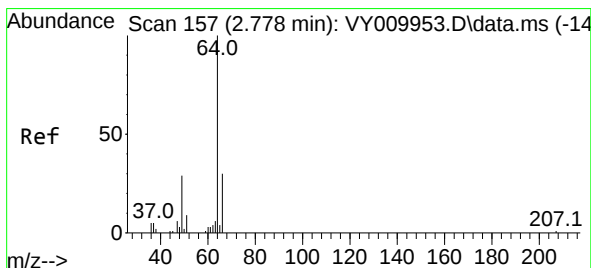
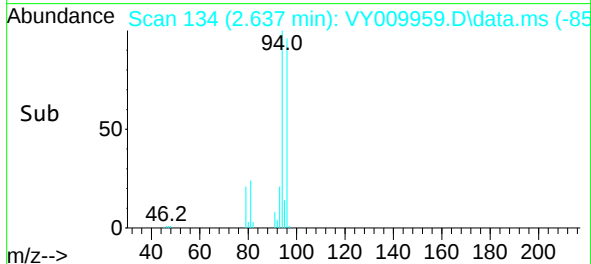
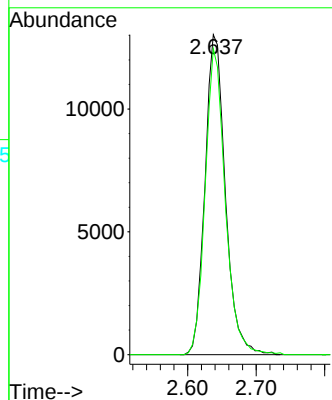
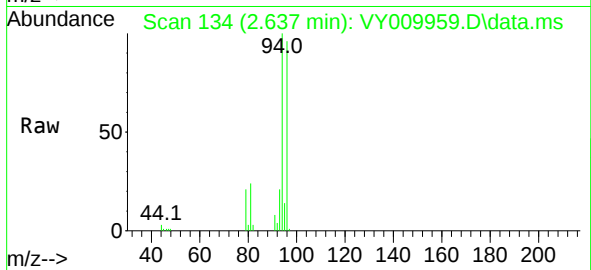




#5
Bromomethane
Concen: 60.123 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
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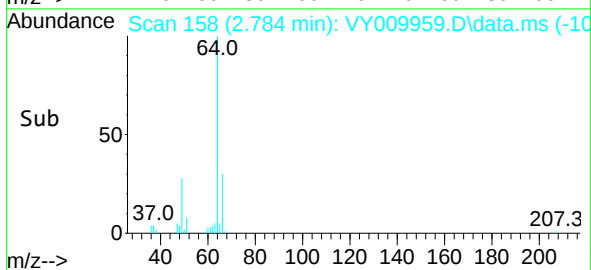
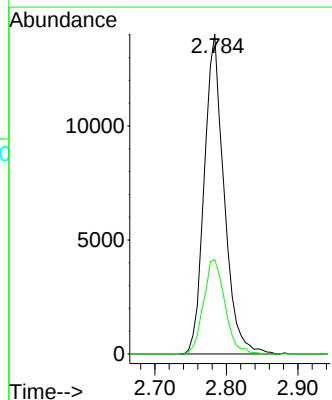
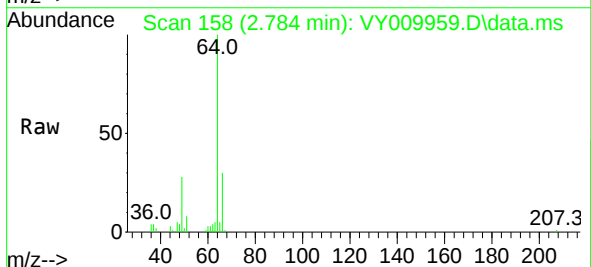
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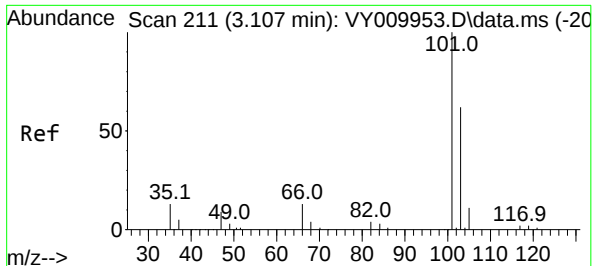
Tgt Ion: 94 Resp: 26929
Ion Ratio Lower Upper
94 100
96 95.6 74.6 111.8



#6
Chloroethane
Concen: 54.117 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.006 min
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Tgt Ion: 64 Resp: 26945
Ion Ratio Lower Upper
64 100
66 29.5 25.8 38.8

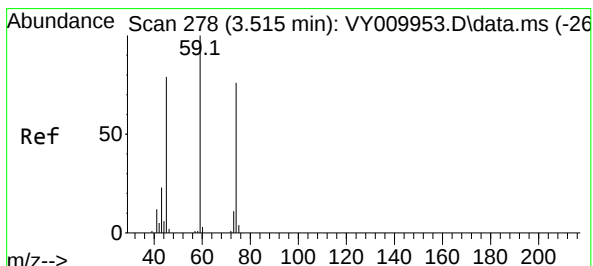
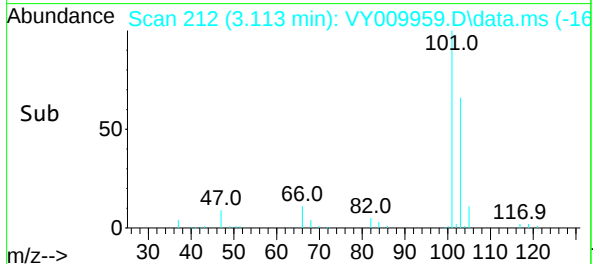
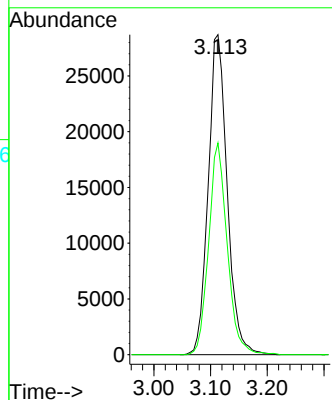
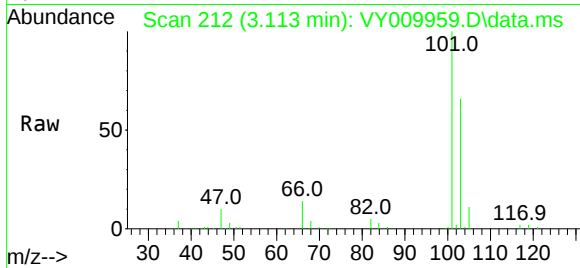




#7
 Trichlorofluoromethane
 Concen: 45.828 ug/l
 RT: 3.113 min Scan# 211
 Delta R.T. 0.006 min
 Lab File: VY009959.D
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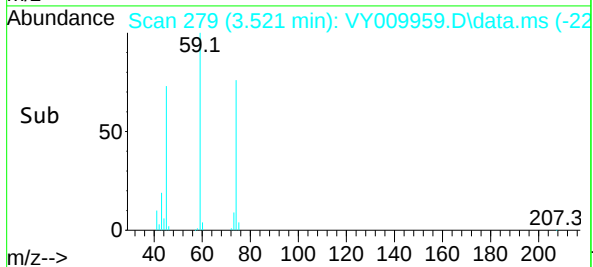
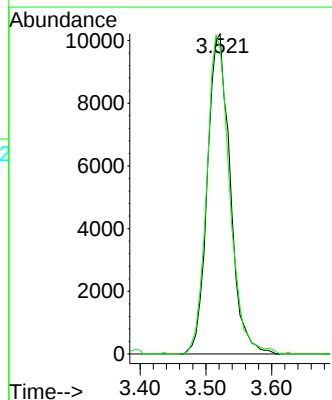
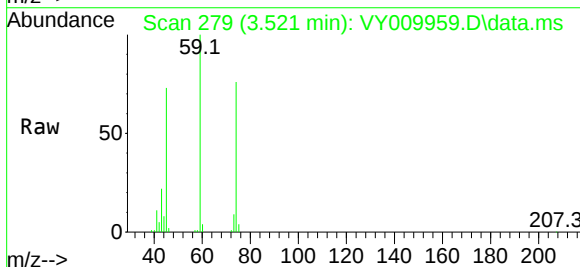
Instrument :
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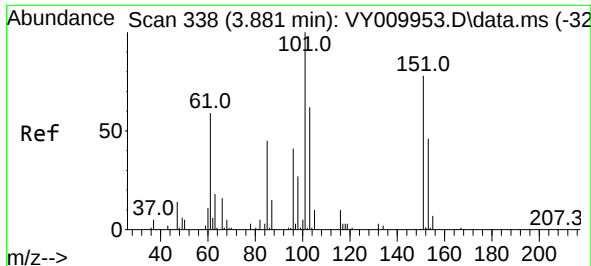
Tgt Ion:101 Resp: 66713
 Ion Ratio Lower Upper
 101 100
 103 66.1 51.4 77.2



#8
 Diethyl Ether
 Concen: 44.726 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 24493
 Ion Ratio Lower Upper
 74 100
 45 100.9 49.1 147.4

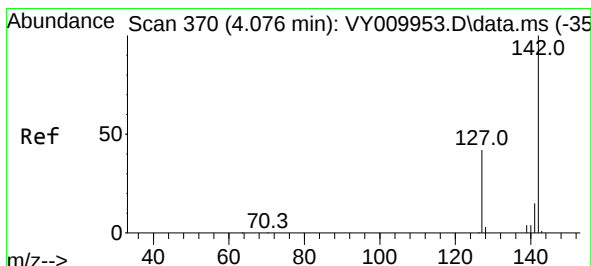
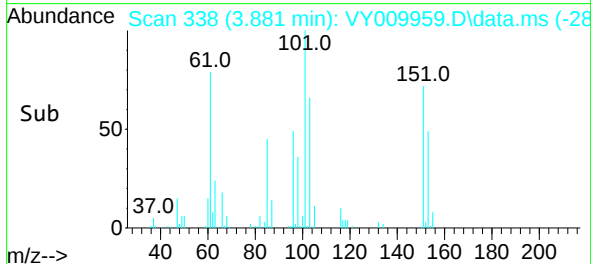
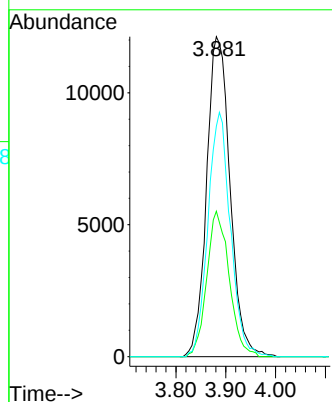
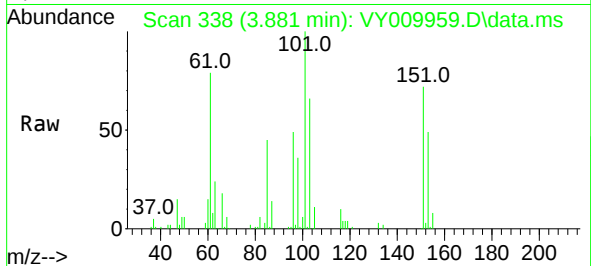




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.555 ug/l
RT: 3.881 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

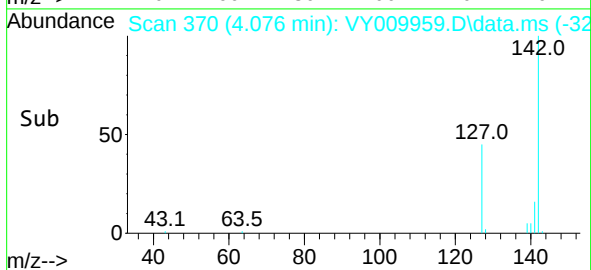
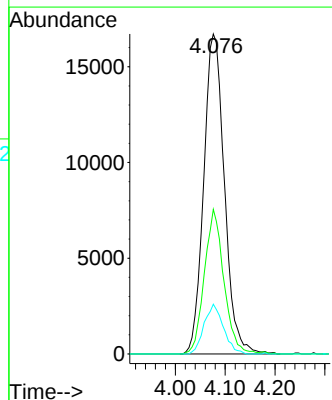
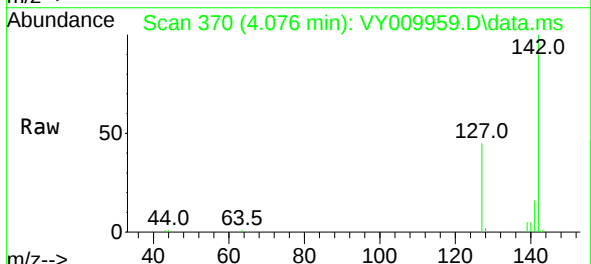
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

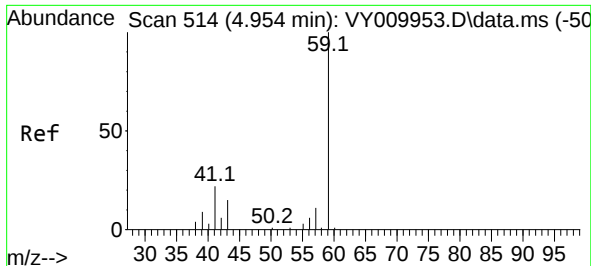
Tgt Ion:101 Resp: 39560
Ion Ratio Lower Upper
101 100
85 43.6 36.2 54.2
151 73.4 63.6 95.4



#10
Methyl Iodide
Concen: 47.156 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.000 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

Tgt Ion:142 Resp: 48268
Ion Ratio Lower Upper
142 100
127 42.6 35.2 52.8
141 14.5 11.4 17.2

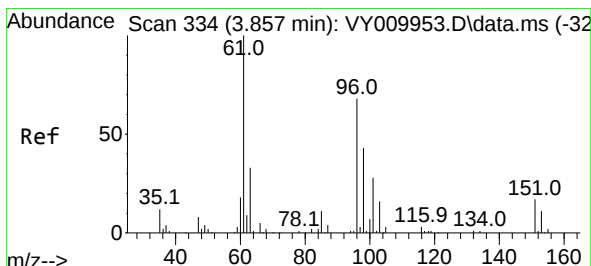
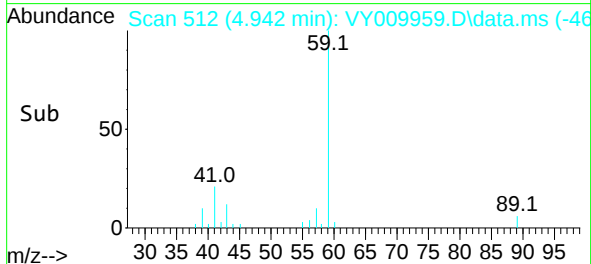
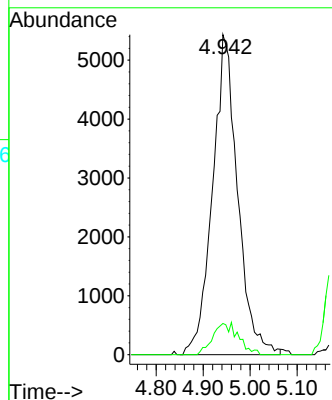
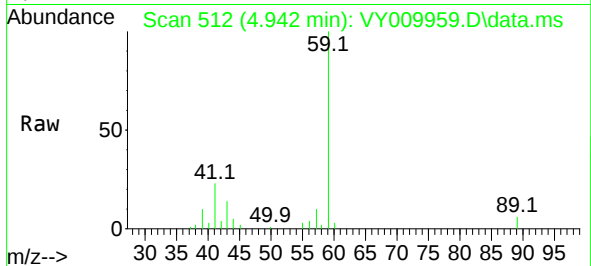




#11
Tert butyl alcohol
Concen: 270.351 ug/l
RT: 4.942 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

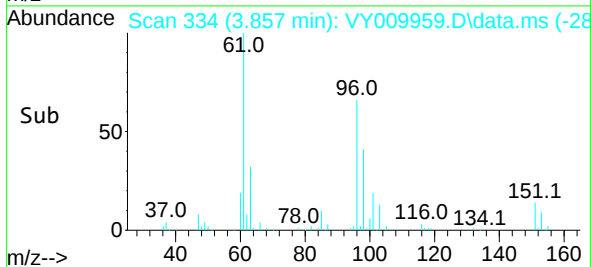
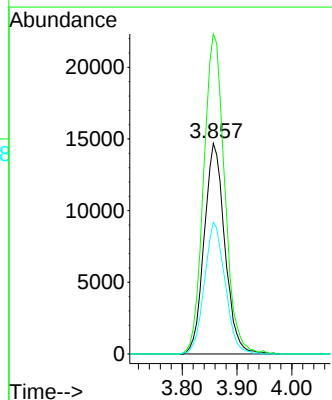
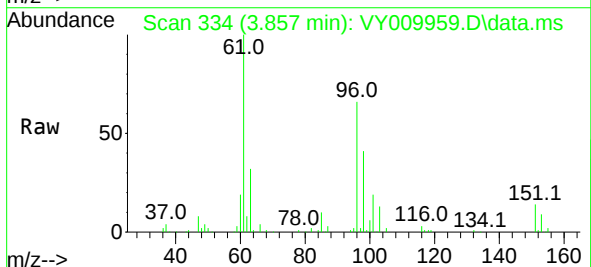
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

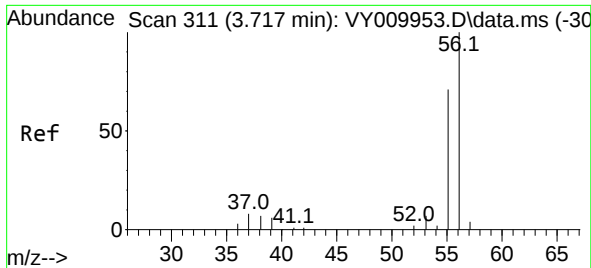
Tgt Ion: 59 Resp: 20166
Ion Ratio Lower Upper
59 100
57 10.1 6.3 9.5#



#12
1,1-Dichloroethene
Concen: 44.304 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.000 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

Tgt Ion: 96 Resp: 38367
Ion Ratio Lower Upper
96 100
61 152.0 121.9 182.9
98 62.5 48.2 72.4





#13

Acrolein

Concen: 243.126 ug/l

RT: 3.716 min Scan# 311

Delta R.T. -0.001 min

Lab File: VY009959.D

Acq: 11 Aug 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

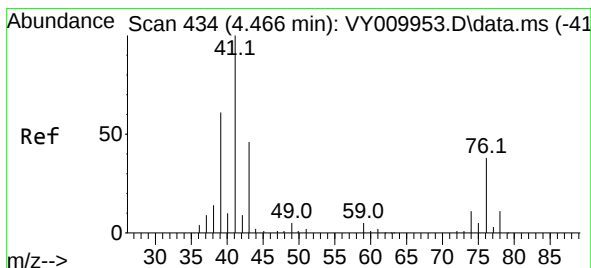
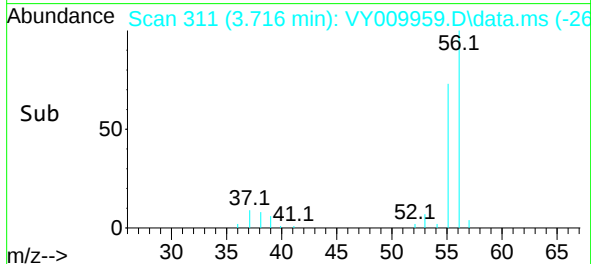
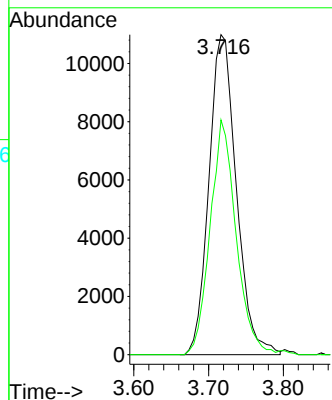
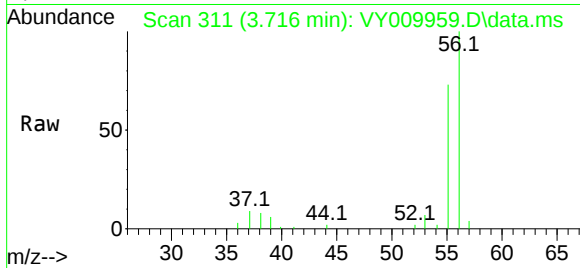
VSTDCCC050

Tgt Ion: 56 Resp: 28034

Ion Ratio Lower Upper

56 100

55 69.8 54.8 82.2



#14

Allyl chloride

Concen: 47.153 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY009959.D

Acq: 11 Aug 2022 12:38

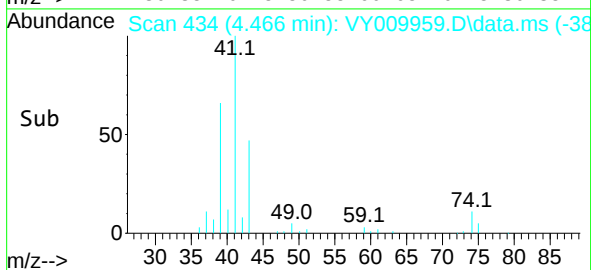
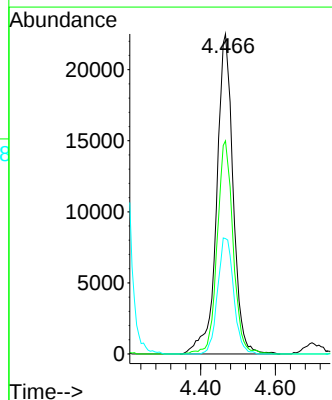
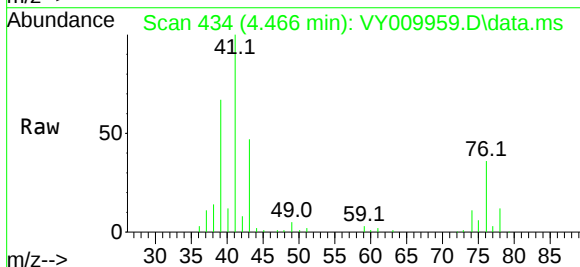
Tgt Ion: 41 Resp: 68644

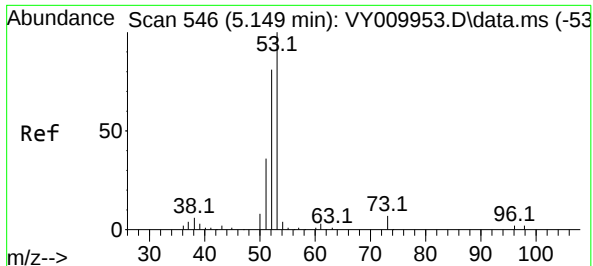
Ion Ratio Lower Upper

41 100

39 64.6 53.5 80.3

76 35.4 29.4 44.0

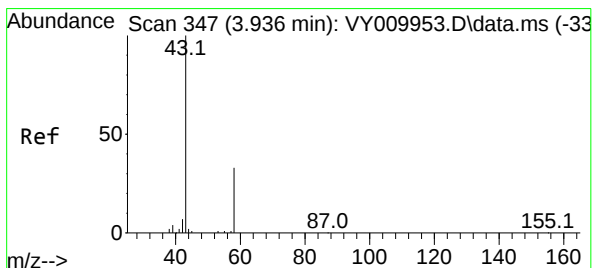
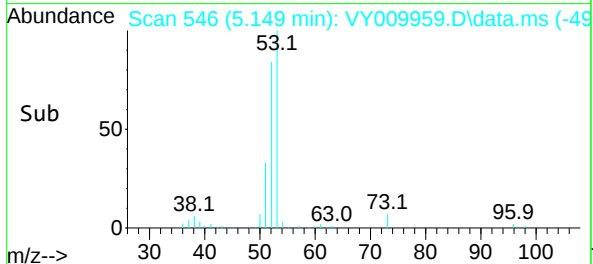
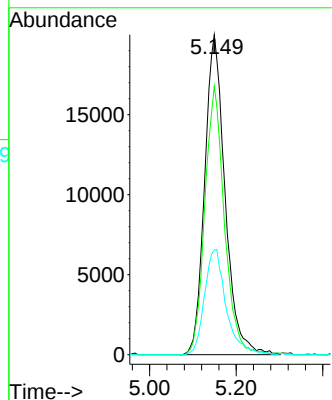
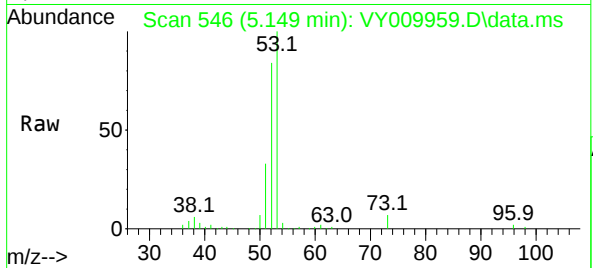




#15
Acrylonitrile
Concen: 243.891 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

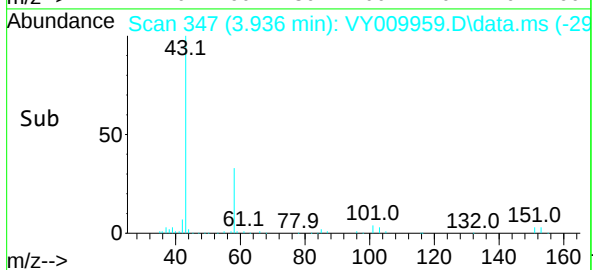
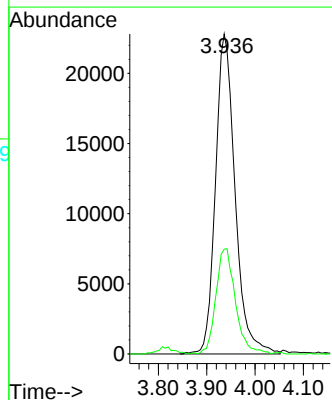
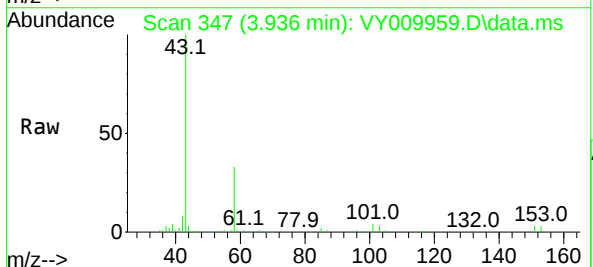
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

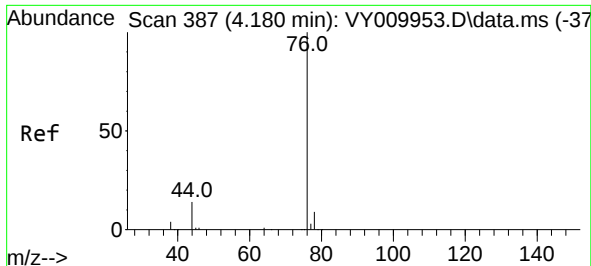
Tgt Ion: 53	Resp: 65445
Ion Ratio	Lower Upper
53	100
52	80.5 65.4 98.2
51	34.9 28.4 42.6



#16
Acetone
Concen: 333.601 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

Tgt Ion: 43	Resp: 64095
Ion Ratio	Lower Upper
43	100
58	32.3 24.0 36.0

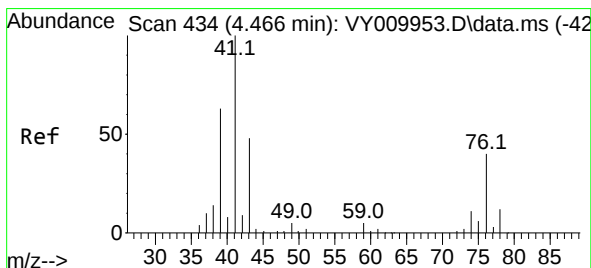
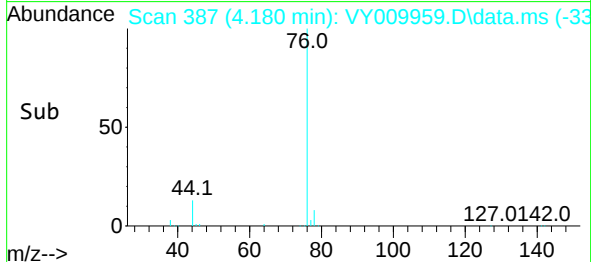
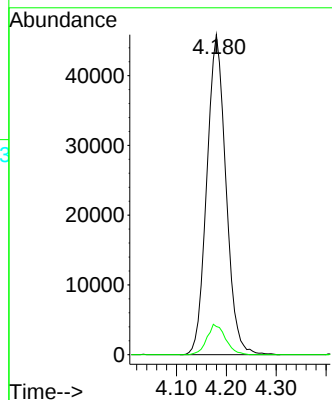
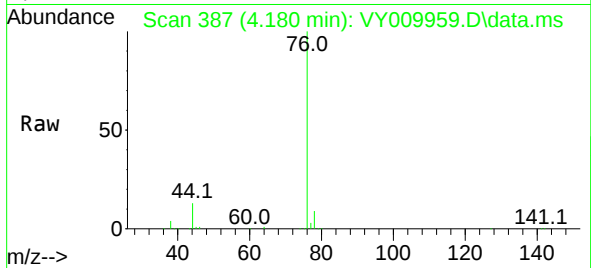




#17
Carbon Disulfide
Concen: 43.213 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.000 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

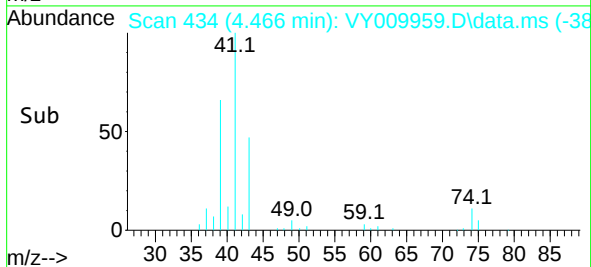
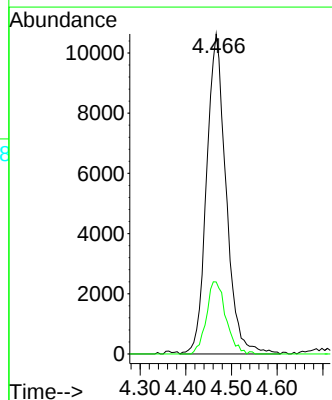
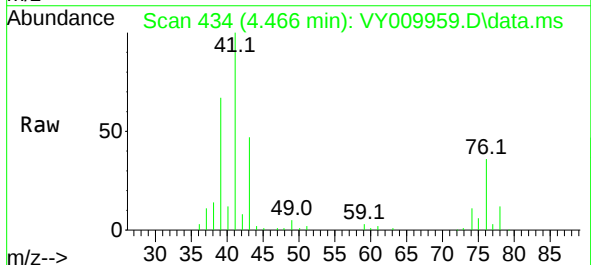
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

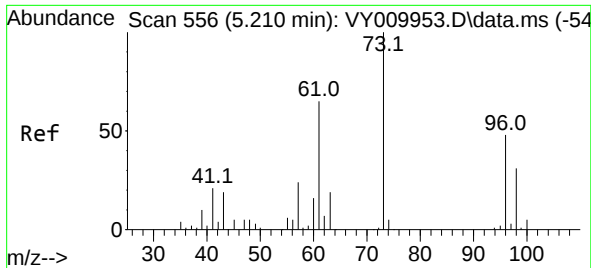
Tgt Ion: 76 Resp: 122126
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#18
Methyl Acetate
Concen: 48.468 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

Tgt Ion: 43 Resp: 31485
Ion Ratio Lower Upper
43 100
74 22.4 18.8 28.2





#19

Methyl tert-butyl Ether

Concen: 49.245 ug/l

RT: 5.210 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY009959.D

Acq: 11 Aug 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

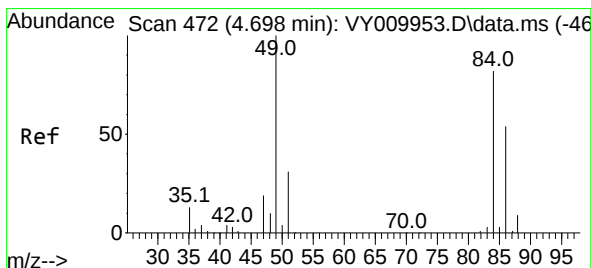
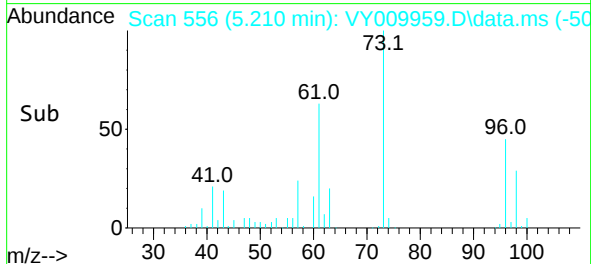
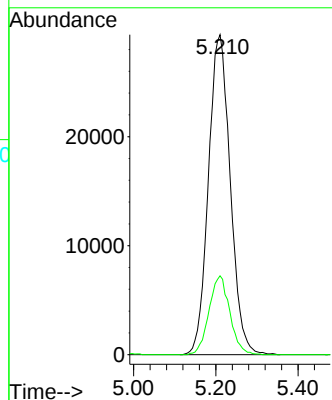
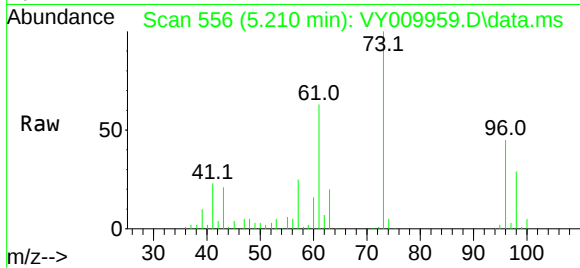
VSTDCCC050

Tgt Ion: 73 Resp: 108371

Ion Ratio Lower Upper

73 100

57 24.6 18.5 27.7



#20

Methylene Chloride

Concen: 47.624 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.006 min

Lab File: VY009959.D

Acq: 11 Aug 2022 12:38

Tgt Ion: 84 Resp: 47841

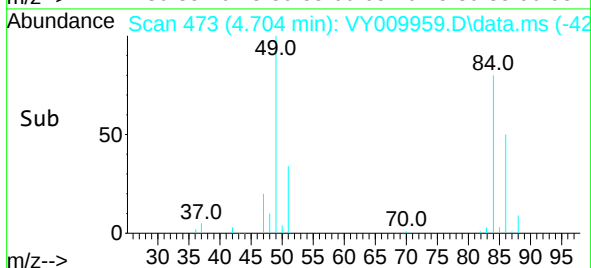
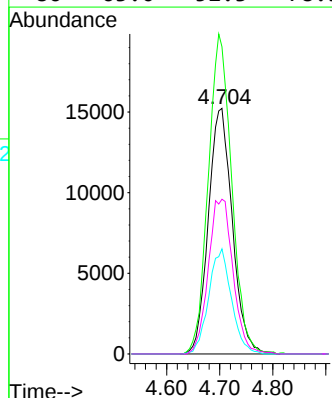
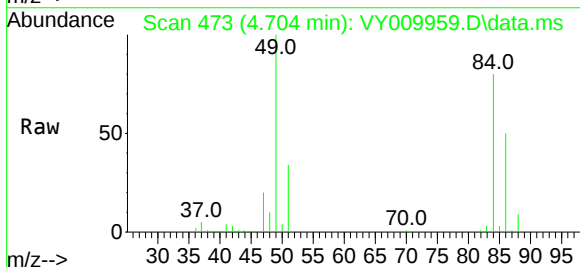
Ion Ratio Lower Upper

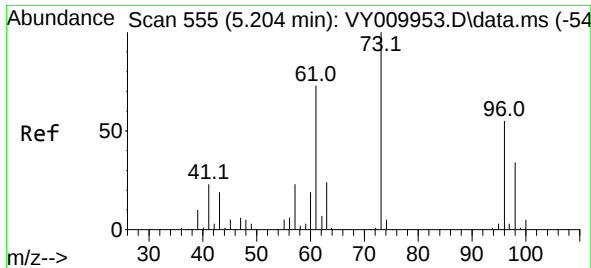
84 100

49 125.1 98.2 147.4

51 42.8 33.4 50.0

86 63.0 52.3 78.5

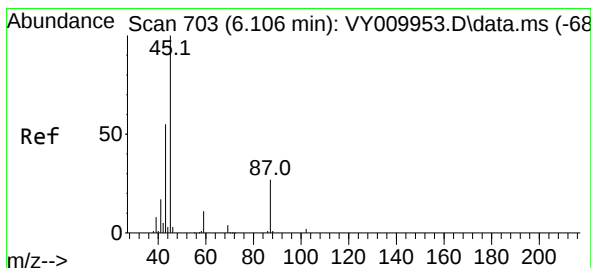
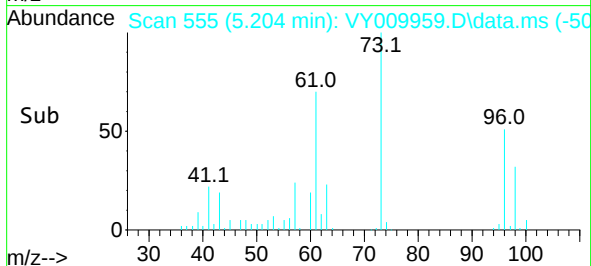
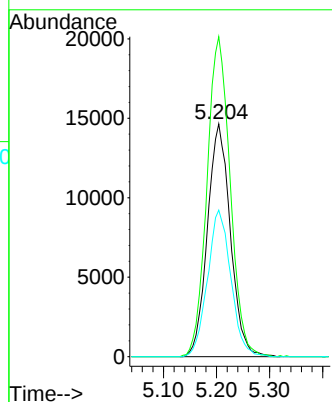
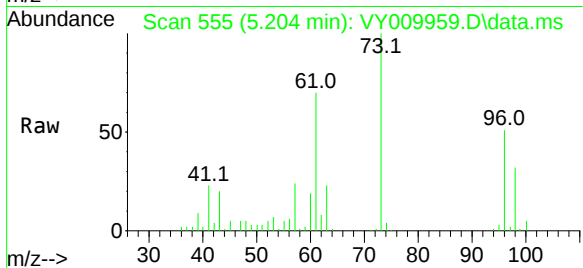




#21
trans-1,2-Dichloroethene
Concen: 45.460 ug/l
RT: 5.204 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

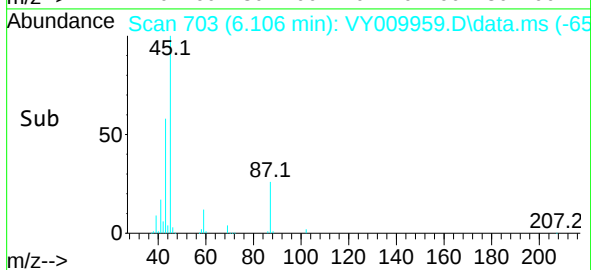
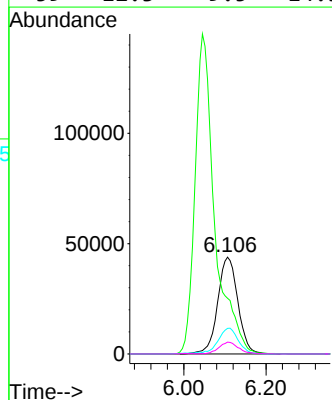
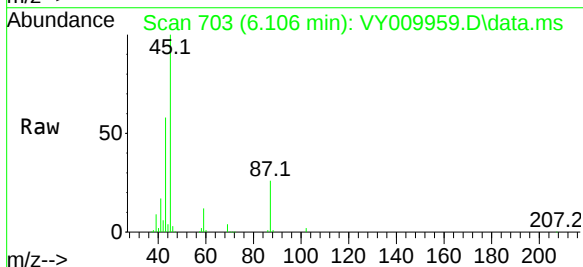
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

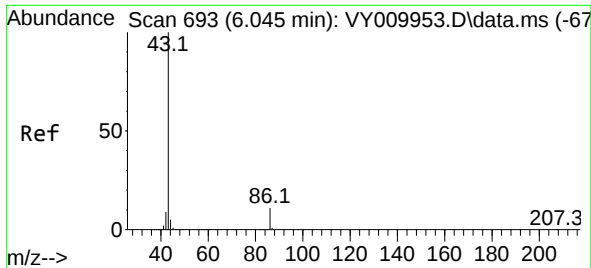
Tgt Ion: 96 Resp: 44080
Ion Ratio Lower Upper
96 100
61 137.5 105.8 158.6
98 63.0 49.7 74.5



#22
Diisopropyl ether
Concen: 50.560 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

Tgt Ion: 45 Resp: 149427
Ion Ratio Lower Upper
45 100
43 57.1 43.7 65.5
87 26.4 22.2 33.4
59 12.3 9.5 14.3

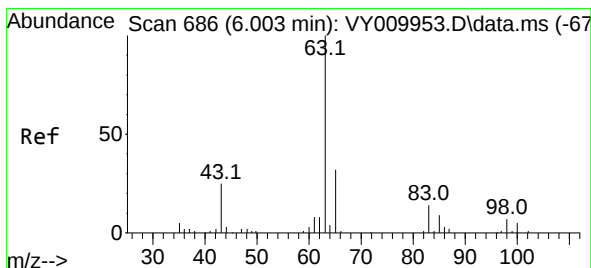
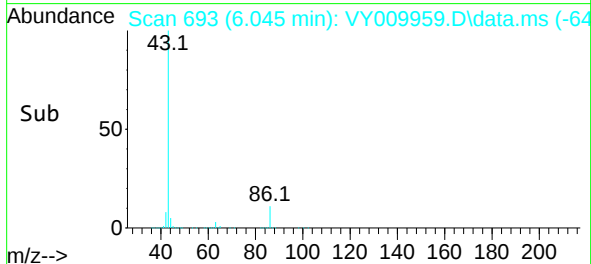
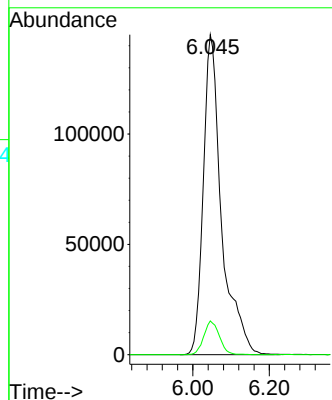
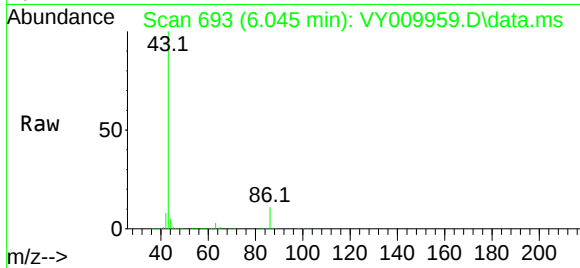




#23
 Vinyl Acetate
 Concen: 261.992 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY009959.D
 Acq: 11 Aug 2022 12:38

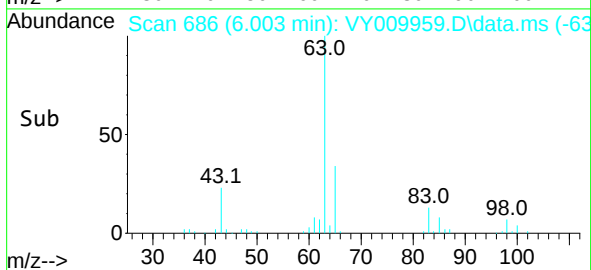
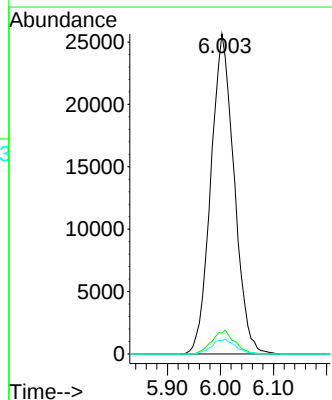
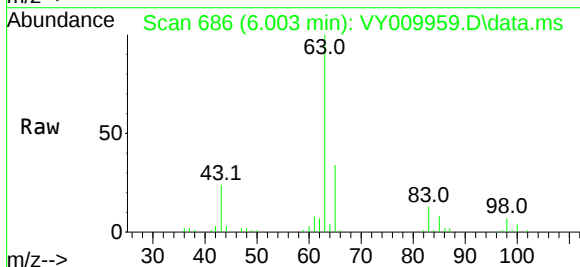
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

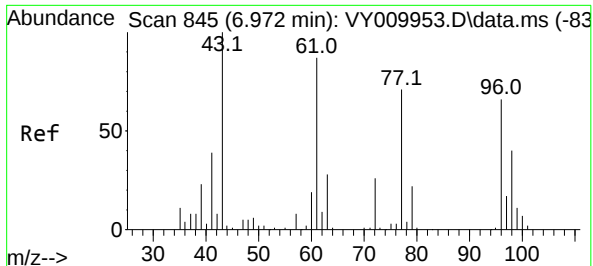
Tgt Ion: 43 Resp: 480130
 Ion Ratio Lower Upper
 43 100
 86 10.6 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 46.934 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.000 min
 Lab File: VY009959.D
 Acq: 11 Aug 2022 12:38

Tgt Ion: 63 Resp: 78484
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.9 11.7
 100 4.1 2.8 8.3





#25

2-Butanone

Concen: 287.101 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY009959.D

Acq: 11 Aug 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

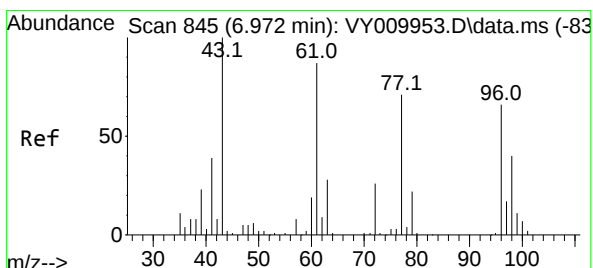
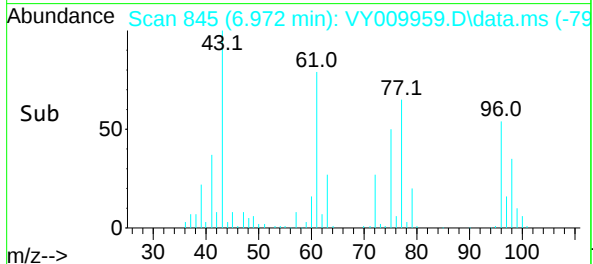
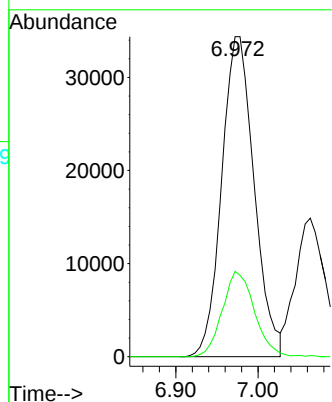
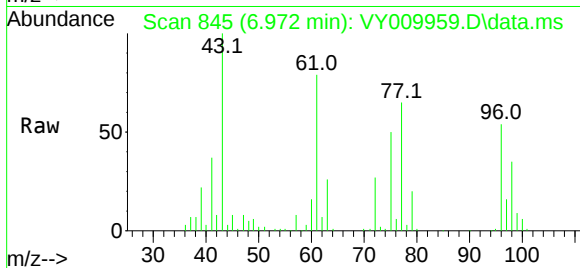
VSTDCCC050

Tgt Ion: 43 Resp: 94394

Ion Ratio Lower Upper

43 100

72 26.6 21.5 32.3



#26

2,2-Dichloropropane

Concen: 51.867 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY009959.D

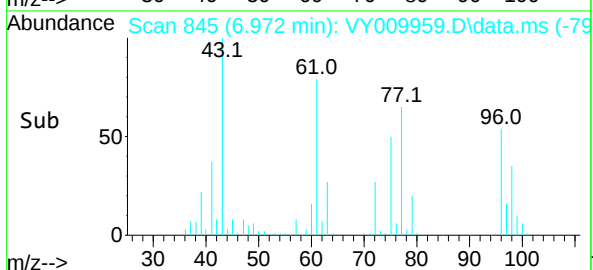
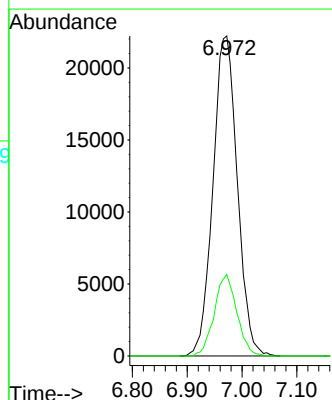
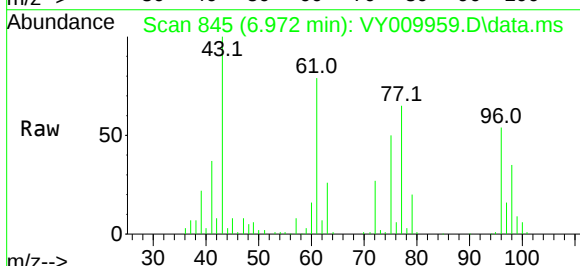
Acq: 11 Aug 2022 12:38

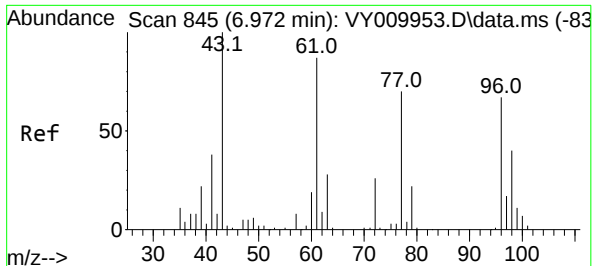
Tgt Ion: 77 Resp: 68480

Ion Ratio Lower Upper

77 100

97 23.5 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 48.213 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY009959.D

Acq: 11 Aug 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

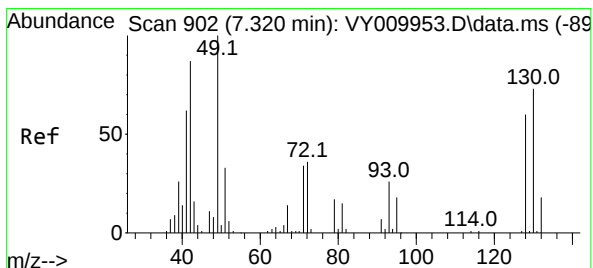
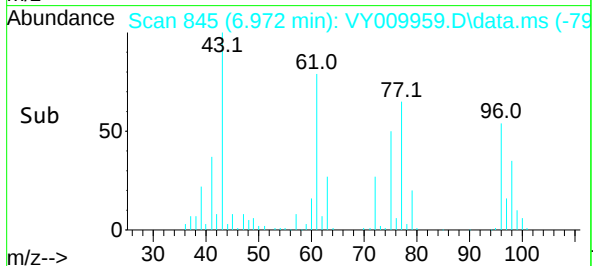
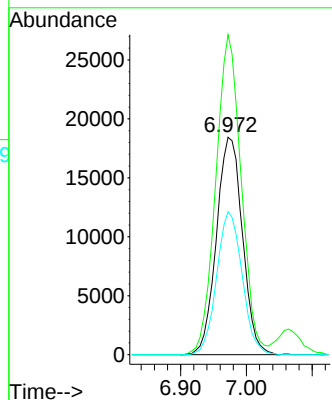
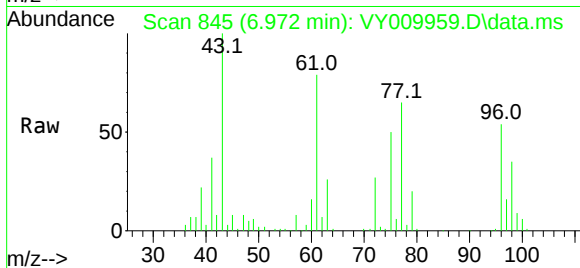
Tgt Ion: 96 Resp: 50787

Ion Ratio Lower Upper

96 100

61 144.0 0.0 285.6

98 64.4 0.0 131.0



#28

Bromochloromethane

Concen: 50.717 ug/l

RT: 7.319 min Scan# 902

Delta R.T. -0.001 min

Lab File: VY009959.D

Acq: 11 Aug 2022 12:38

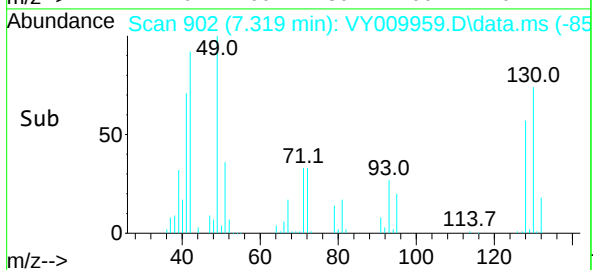
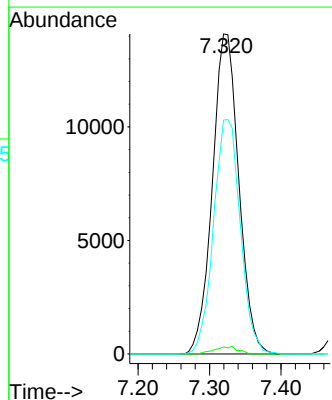
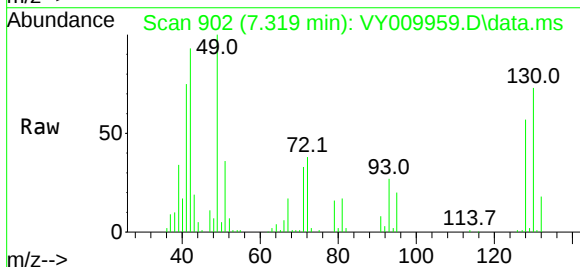
Tgt Ion: 49 Resp: 36189

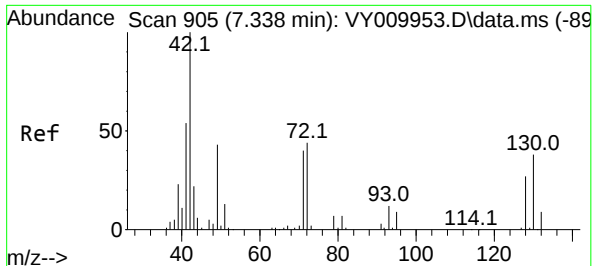
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 74.3 64.1 96.1





#29

Tetrahydrofuran

Concen: 260.281 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY009959.D

Acq: 11 Aug 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

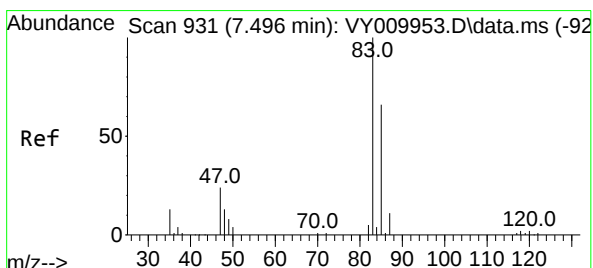
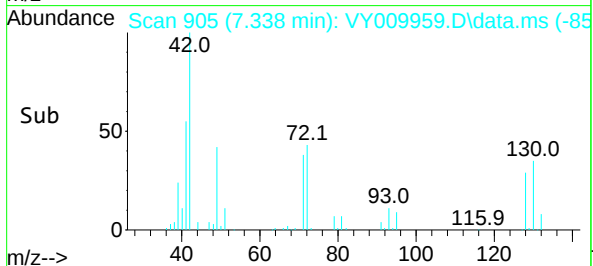
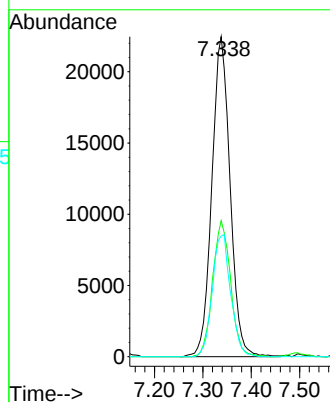
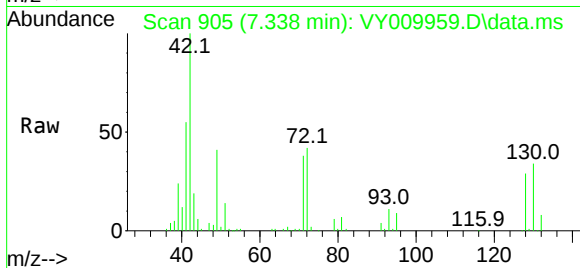
Tgt Ion: 42 Resp: 58818

Ion Ratio Lower Upper

42 100

72 41.9 34.6 52.0

71 38.5 32.7 49.1



#30

Chloroform

Concen: 47.155 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY009959.D

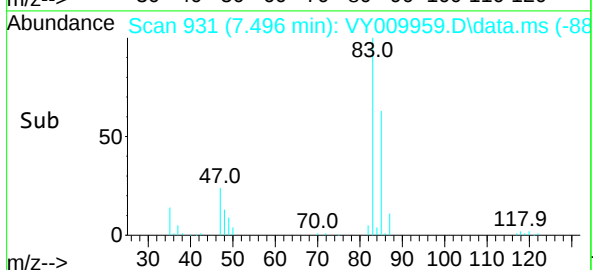
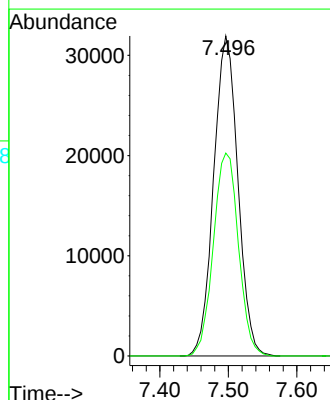
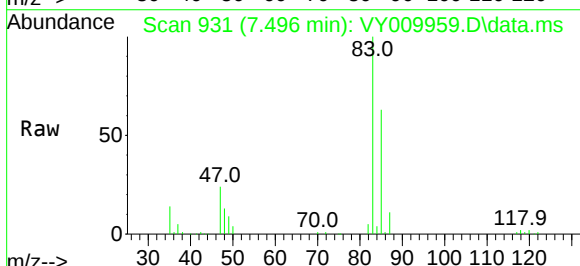
Acq: 11 Aug 2022 12:38

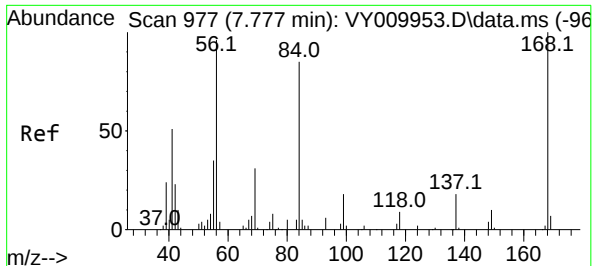
Tgt Ion: 83 Resp: 78330

Ion Ratio Lower Upper

83 100

85 63.4 50.5 75.7

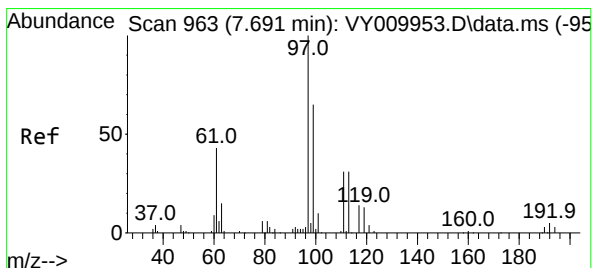
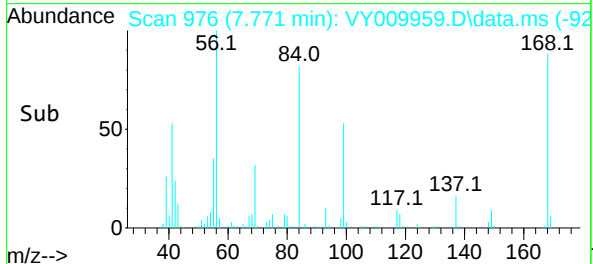
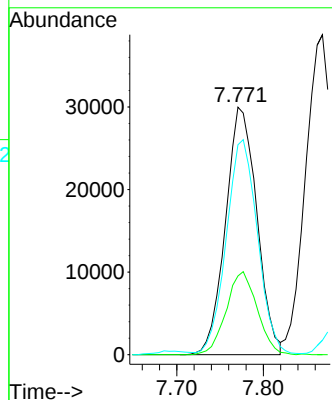
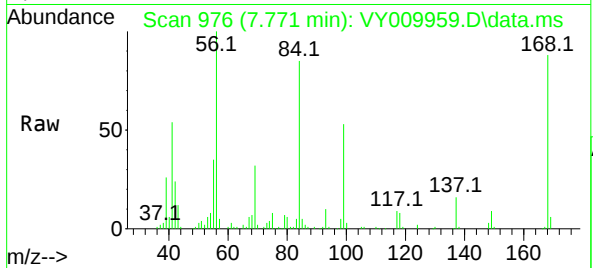




#31
Cyclohexane
Concen: 45.998 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

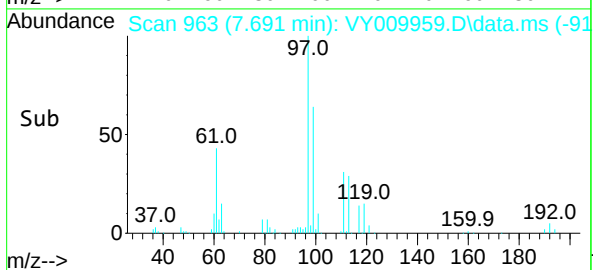
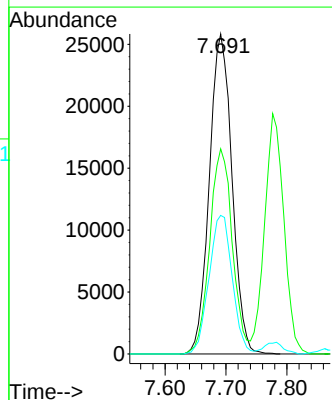
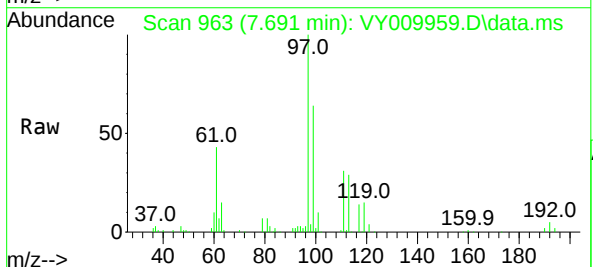
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

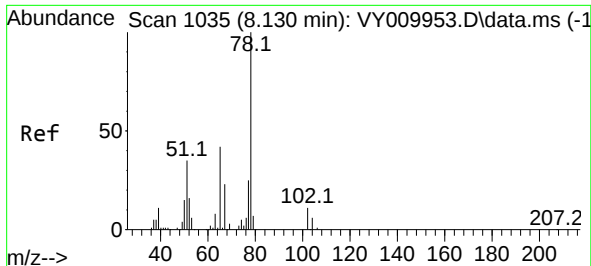
Tgt Ion: 56 Resp: 75213
Ion Ratio Lower Upper
56 100
69 31.8 26.0 39.0
84 83.6 69.5 104.3



#32
1,1,1-Trichloroethane
Concen: 47.887 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

Tgt Ion: 97 Resp: 66707
Ion Ratio Lower Upper
97 100
99 64.3 51.8 77.8
61 44.4 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 48.658 ug/l

RT: 8.130 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009959.D

Acq: 11 Aug 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

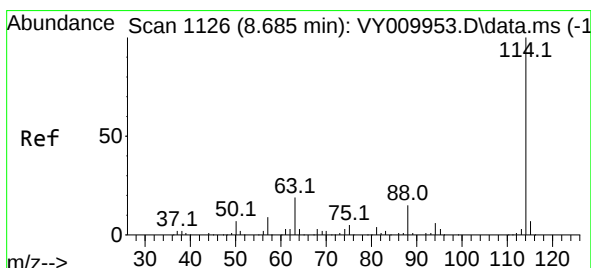
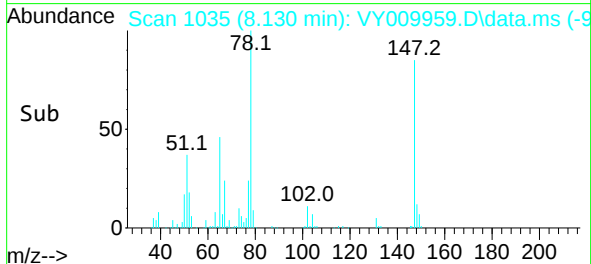
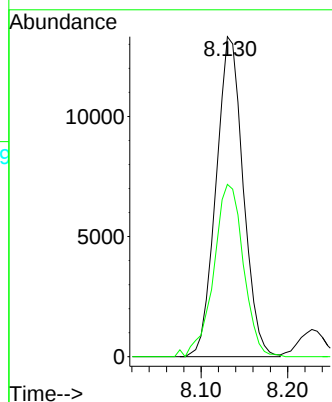
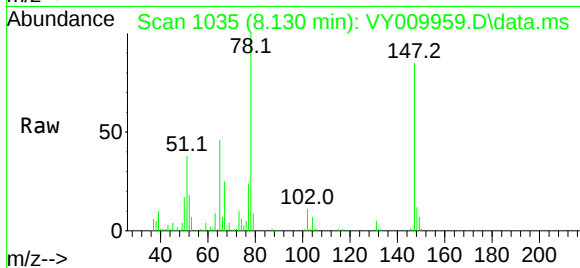
VSTDCCC050

Tgt Ion: 65 Resp: 28991

Ion Ratio Lower Upper

65 100

67 58.9 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009959.D

Acq: 11 Aug 2022 12:38

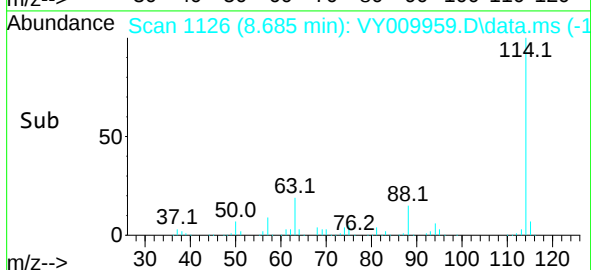
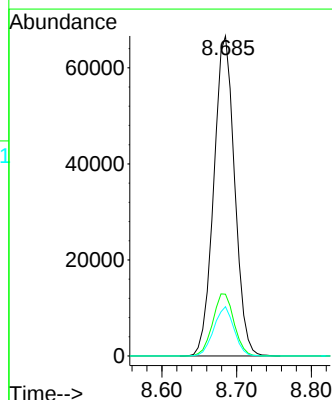
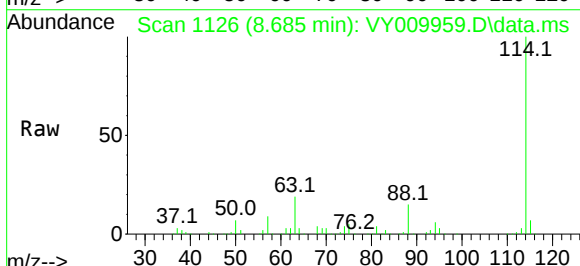
Tgt Ion: 114 Resp: 128800

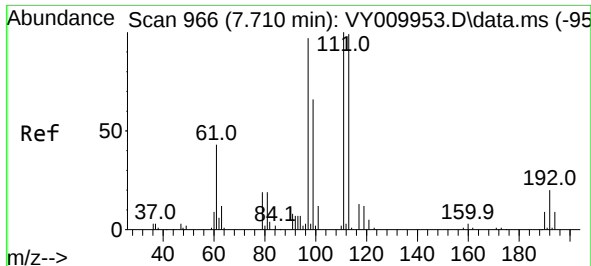
Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.0

88 15.4 0.0 30.0

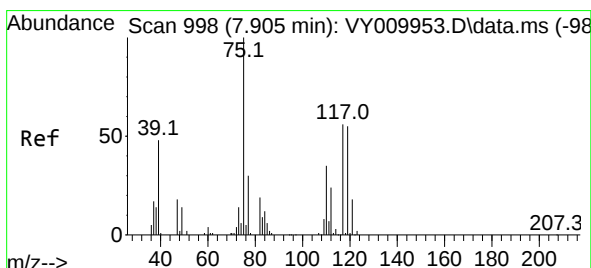
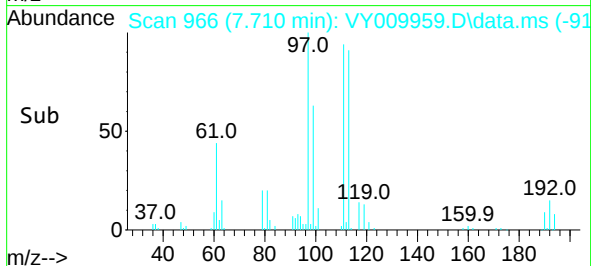
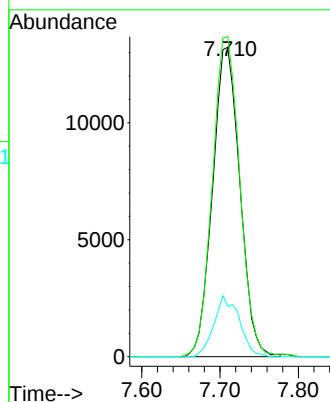
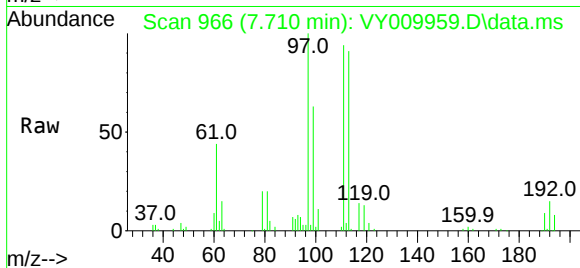




#35
Dibromofluoromethane
Concen: 43.307 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

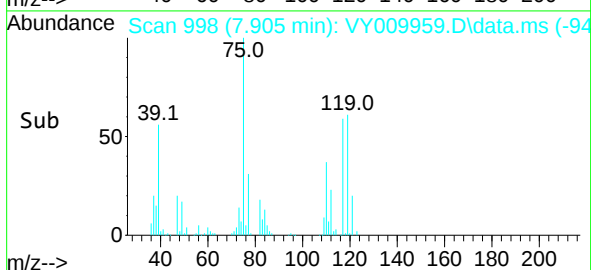
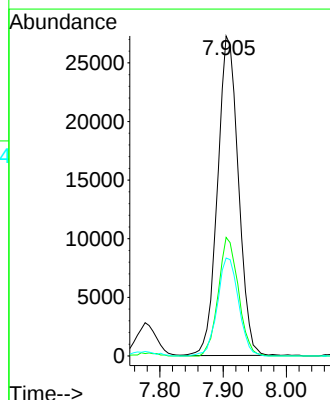
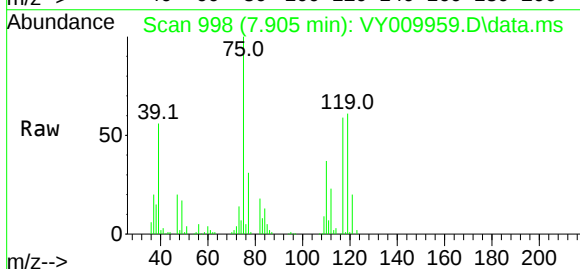
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

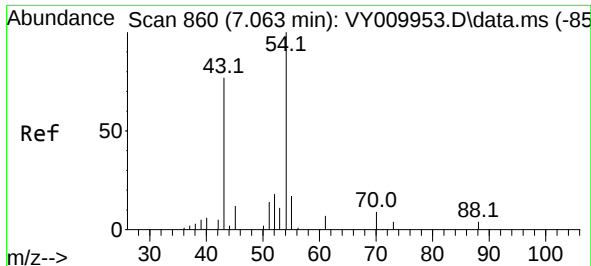
Tgt Ion:113 Resp: 32094
Ion Ratio Lower Upper
113 100
111 103.6 80.6 120.8
192 18.2 16.2 24.4



#36
1,1-Dichloropropene
Concen: 48.267 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

Tgt Ion: 75 Resp: 62267
Ion Ratio Lower Upper
75 100
110 35.8 18.6 56.0
77 31.1 25.0 37.4





#37

Ethyl Acetate

Concen: 51.359 ug/l

RT: 7.063 min Scan# 860

Delta R.T. 0.000 min

Lab File: VY009959.D

Acq: 11 Aug 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

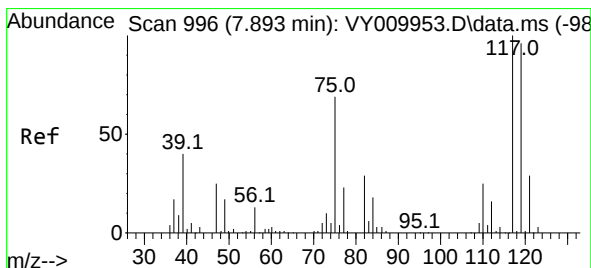
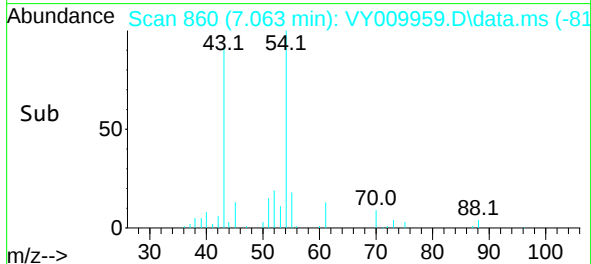
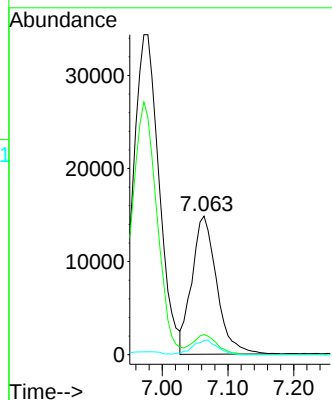
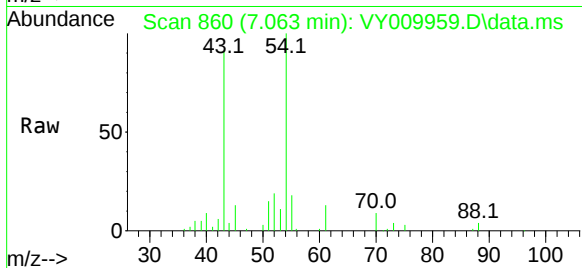
Tgt Ion: 43 Resp: 38706

Ion Ratio Lower Upper

43 100

61 14.3 11.2 16.8

70 10.5 8.4 12.6



#38

Carbon Tetrachloride

Concen: 48.584 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.000 min

Lab File: VY009959.D

Acq: 11 Aug 2022 12:38

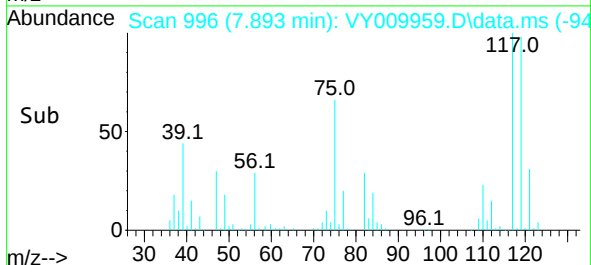
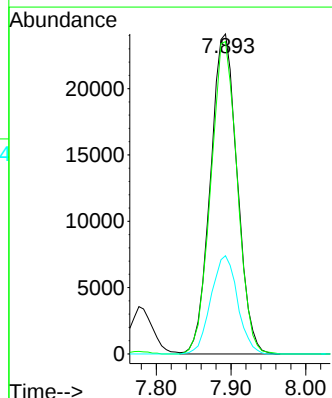
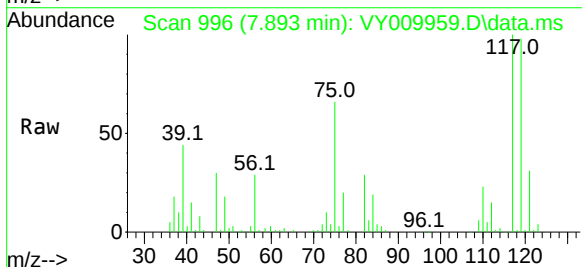
Tgt Ion: 117 Resp: 60031

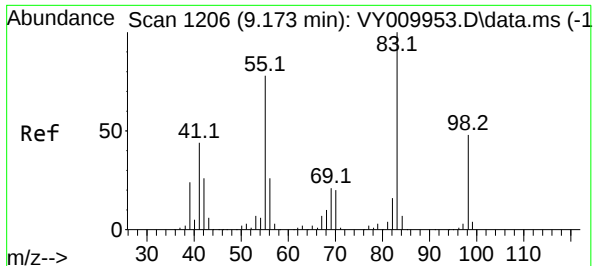
Ion Ratio Lower Upper

117 100

119 97.6 75.9 113.9

121 30.7 24.9 37.3





#39

Methylcyclohexane

Concen: 48.947 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009959.D

Acq: 11 Aug 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

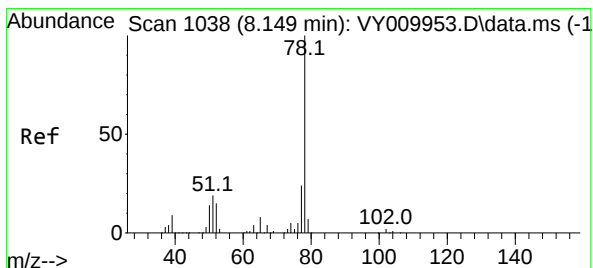
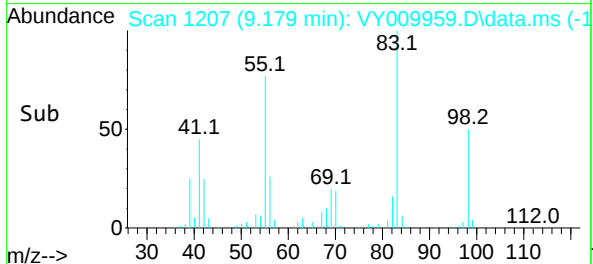
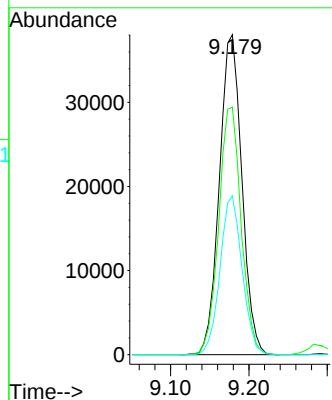
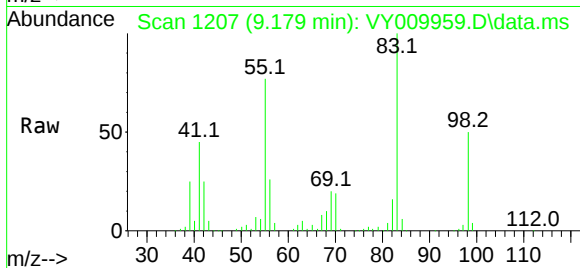
Tgt Ion: 83 Resp: 75952

Ion Ratio Lower Upper

83 100

55 77.3 56.7 85.1

98 49.7 39.9 59.9



#40

Benzene

Concen: 49.033 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY009959.D

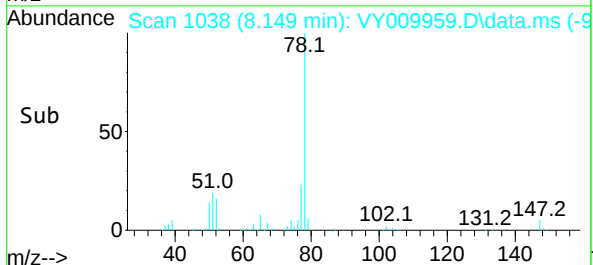
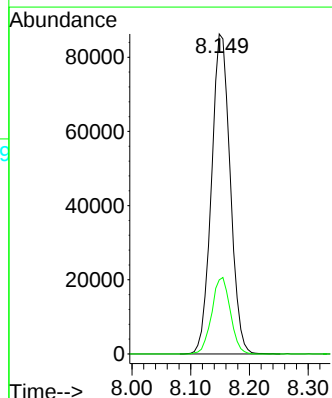
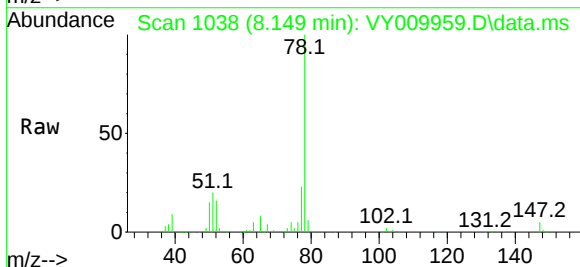
Acq: 11 Aug 2022 12:38

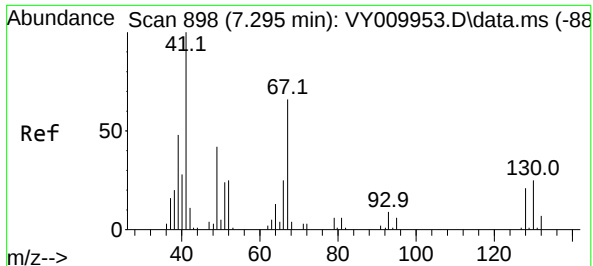
Tgt Ion: 78 Resp: 191101

Ion Ratio Lower Upper

78 100

77 23.1 19.4 29.0

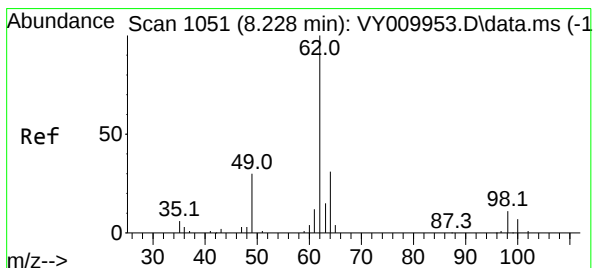
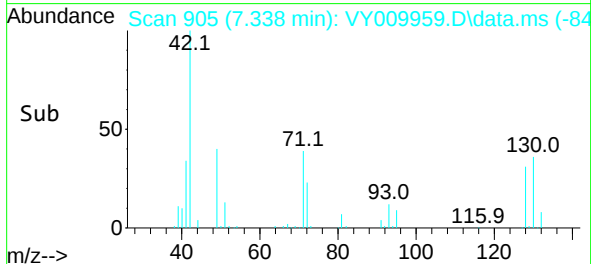
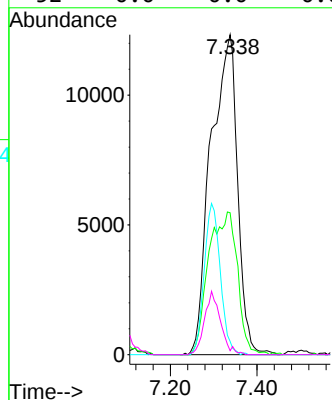
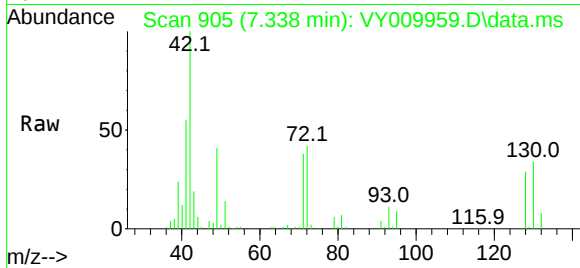




#41
Methacrylonitrile
Concen: 133.506 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.043 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

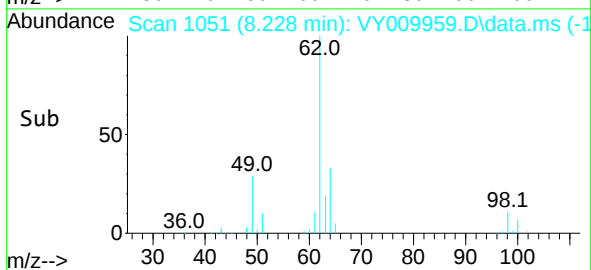
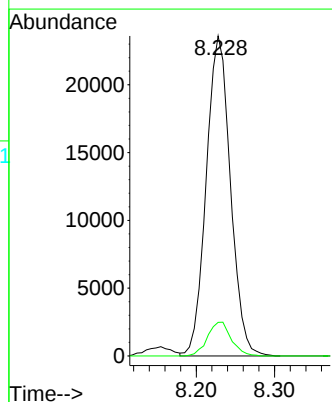
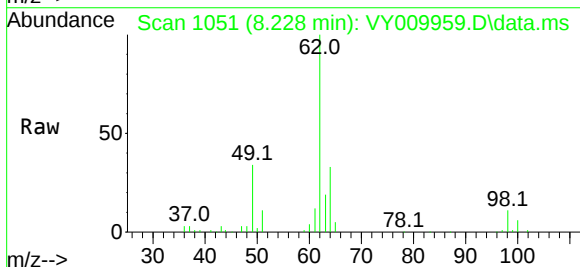
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

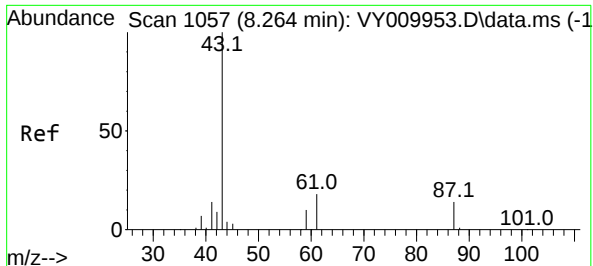
Tgt Ion: 41 Resp: 52580
Ion Ratio Lower Upper
41 100
39 48.2 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 49.596 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

Tgt Ion: 62 Resp: 50653
Ion Ratio Lower Upper
62 100
98 10.4 0.0 20.6

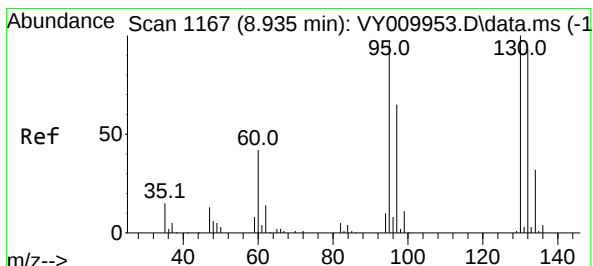
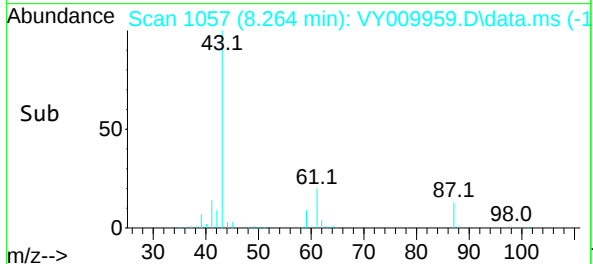
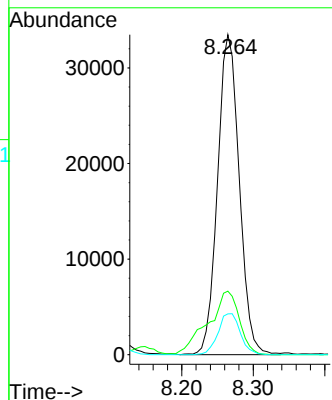
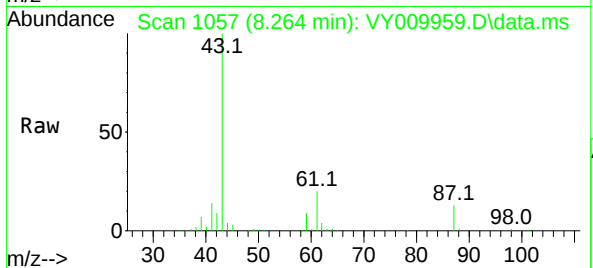




#43
Isopropyl Acetate
Concen: 52.397 ug/l
RT: 8.264 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

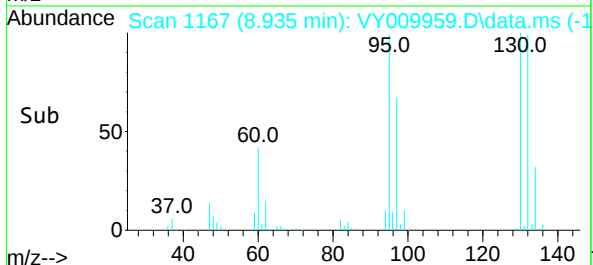
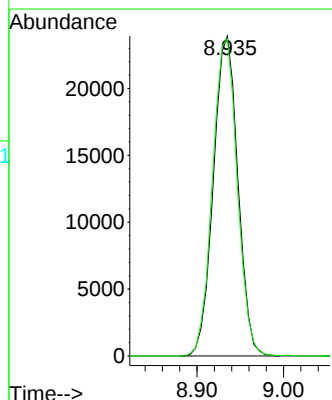
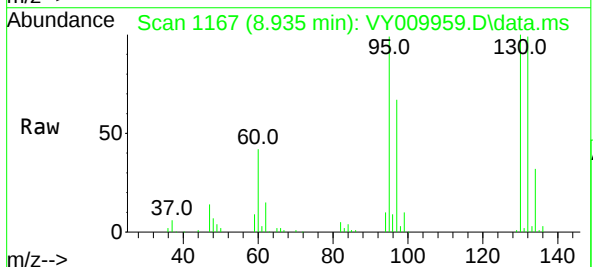
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

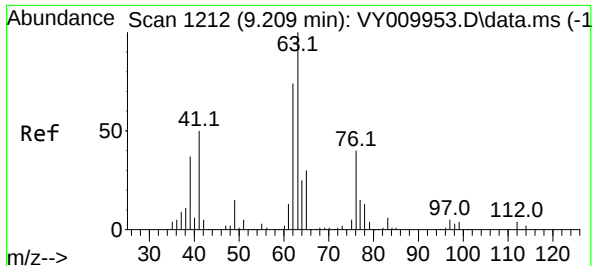
Tgt Ion: 43 Resp: 70701
Ion Ratio Lower Upper
43 100
61 28.6 23.6 35.4
87 13.1 11.3 16.9



#44
Trichloroethene
Concen: 47.029 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

Tgt Ion:130 Resp: 46875
Ion Ratio Lower Upper
130 100
95 99.1 0.0 194.6





#45

1,2-Dichloropropane

Concen: 48.963 ug/l

RT: 9.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009959.D

Acq: 11 Aug 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

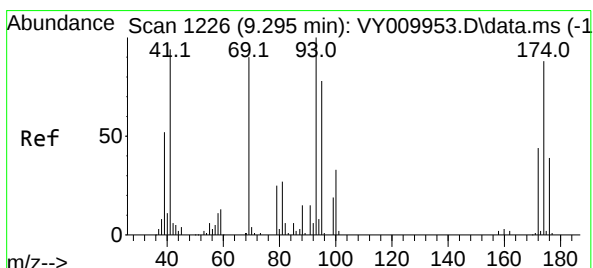
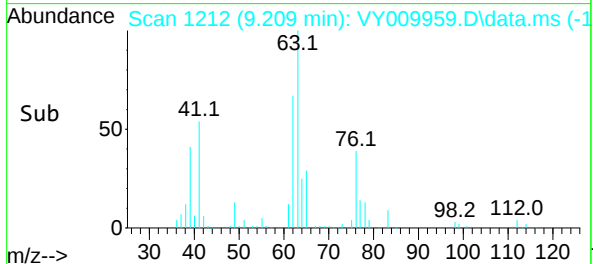
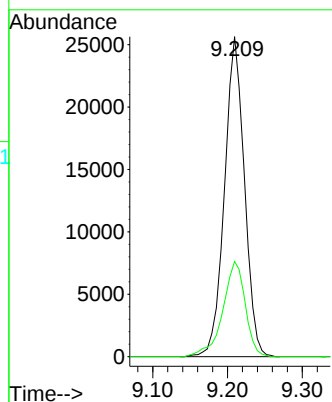
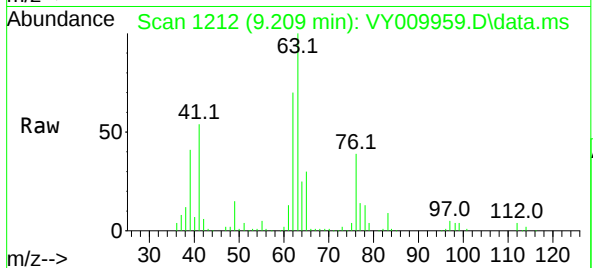
VSTDCCC050

Tgt Ion: 63 Resp: 47514

Ion Ratio Lower Upper

63 100

65 29.8 23.7 35.5



#46

Dibromomethane

Concen: 49.225 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY009959.D

Acq: 11 Aug 2022 12:38

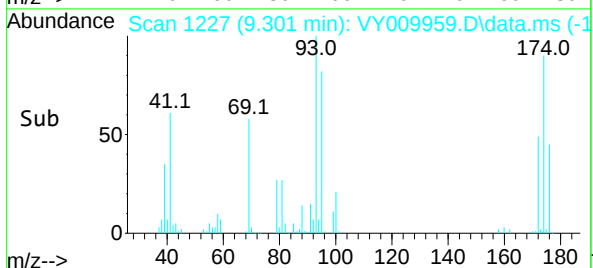
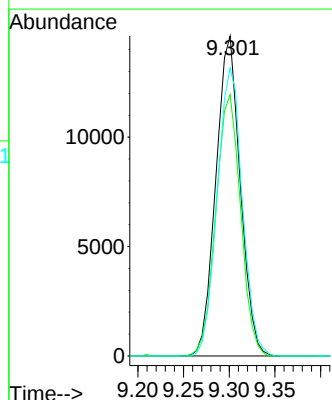
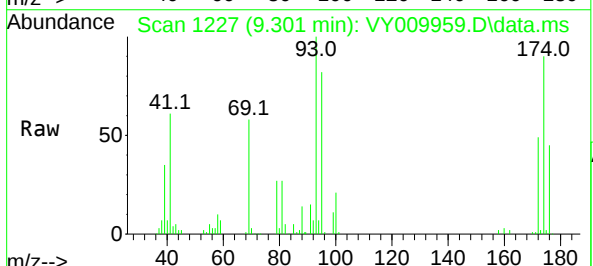
Tgt Ion: 93 Resp: 27118

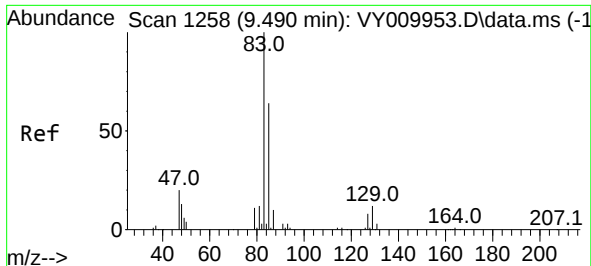
Ion Ratio Lower Upper

93 100

95 82.8 66.3 99.5

174 92.5 80.6 120.8

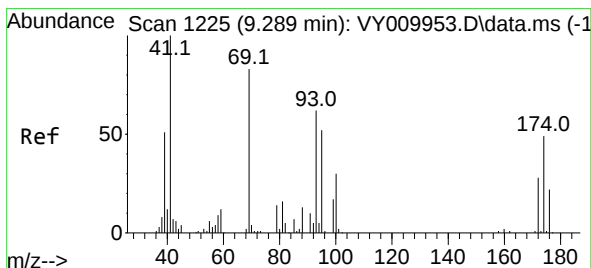
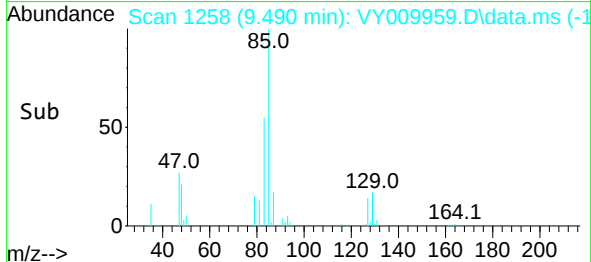
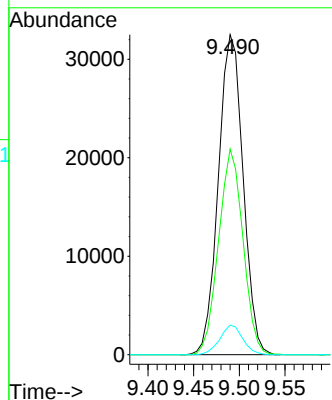
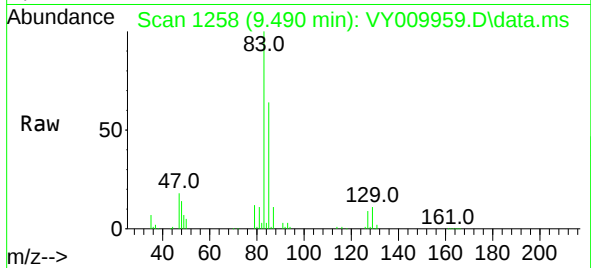




#47
Bromodichloromethane
Concen: 49.287 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

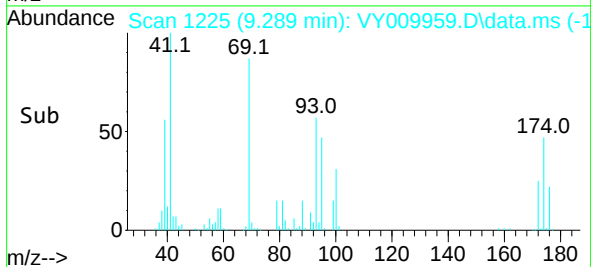
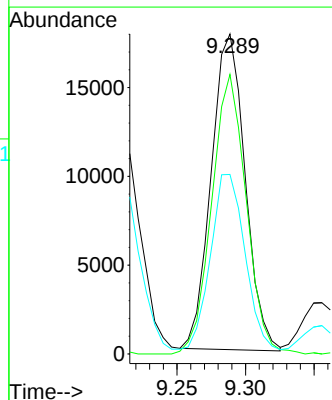
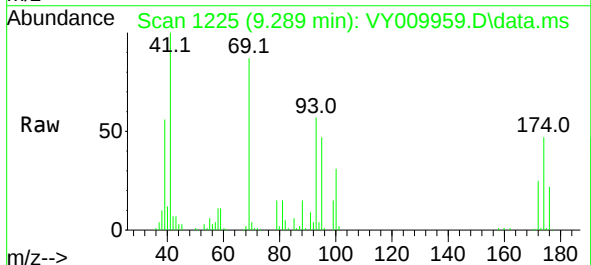
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

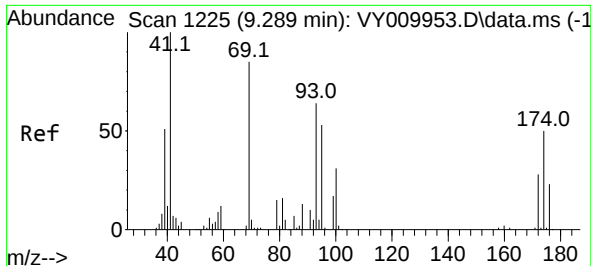
Tgt Ion: 83 Resp: 61230
Ion Ratio Lower Upper
83 100
85 64.3 51.2 76.8
127 9.2 7.1 10.7



#48
Methyl methacrylate
Concen: 51.230 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

Tgt Ion: 41 Resp: 30591
Ion Ratio Lower Upper
41 100
69 89.8 73.2 109.8
39 56.5 47.5 71.3





#49

1,4-Dioxane

Concen: 1104.701 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY009959.D

Acq: 11 Aug 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

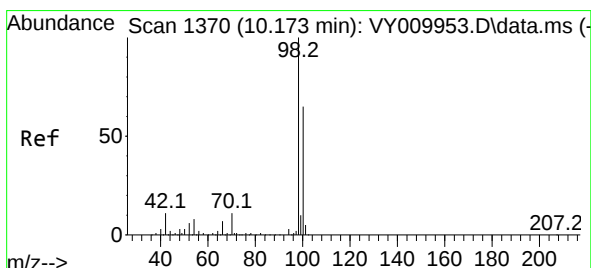
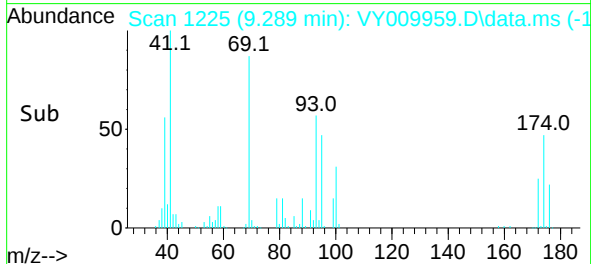
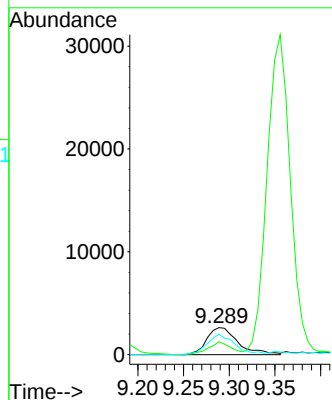
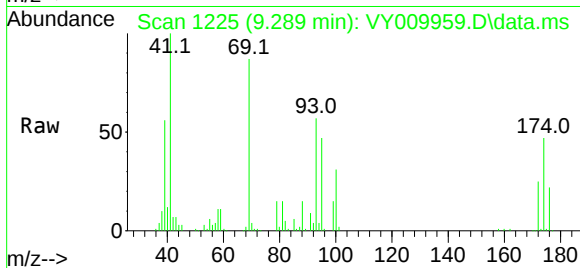
Tgt Ion: 88 Resp: 6249

Ion Ratio Lower Upper

88 100

43 34.8 26.3 39.5

58 66.7 52.6 79.0



#50

Toluene-d8

Concen: 43.679 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY009959.D

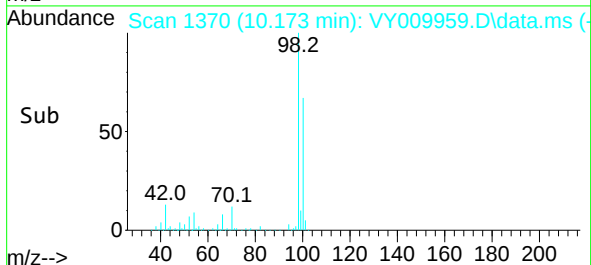
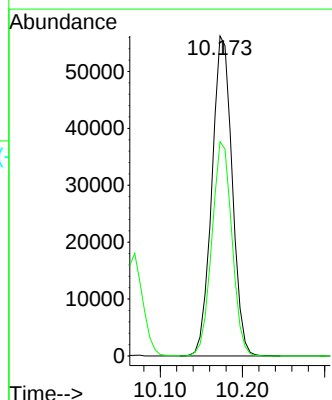
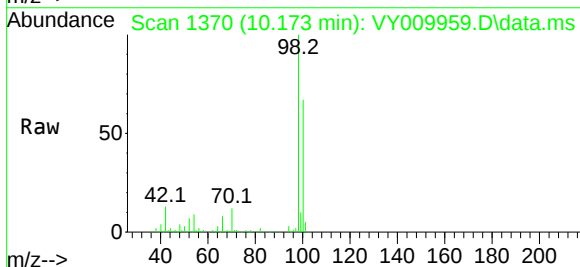
Acq: 11 Aug 2022 12:38

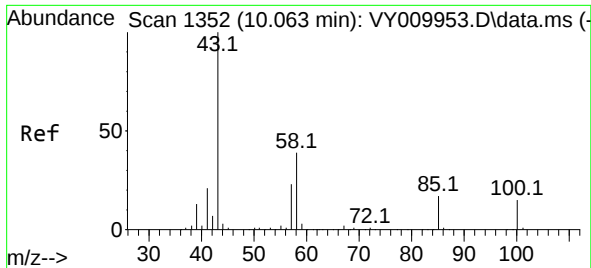
Tgt Ion: 98 Resp: 96240

Ion Ratio Lower Upper

98 100

100 66.3 52.9 79.3

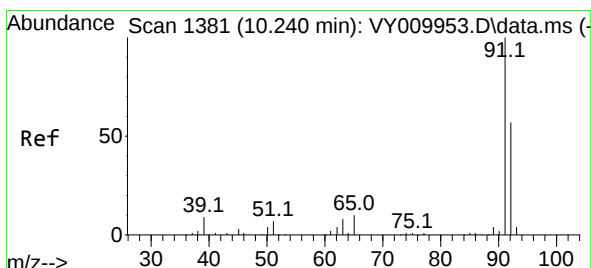
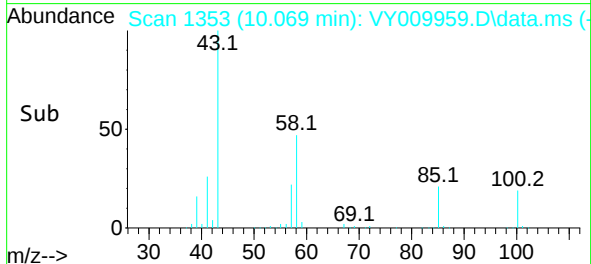
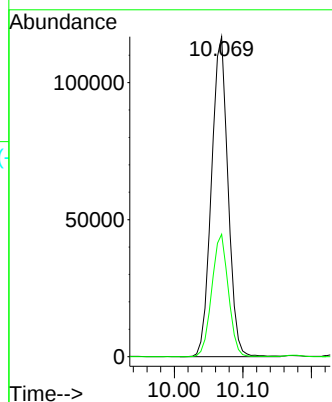
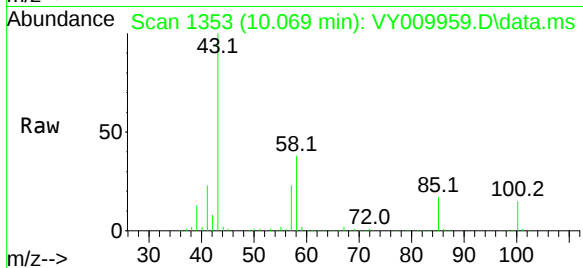




#51
4-Methyl-2-Pentanone
Concen: 268.532 ug/l
RT: 10.069 min Scan# 1352
Delta R.T. 0.006 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

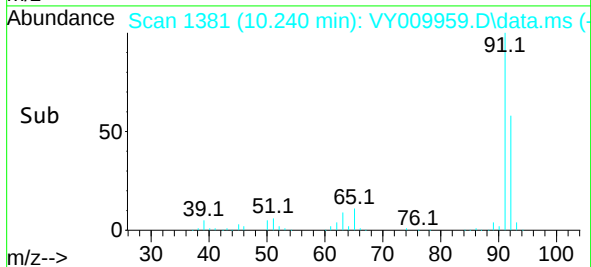
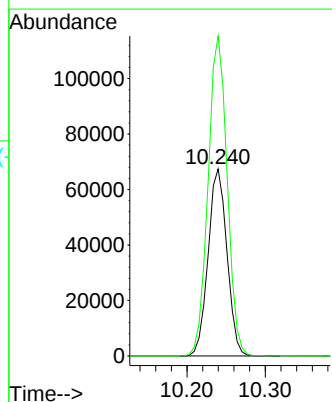
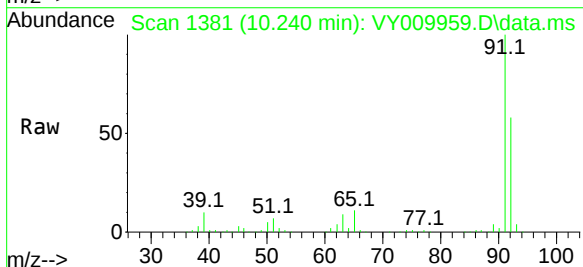
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

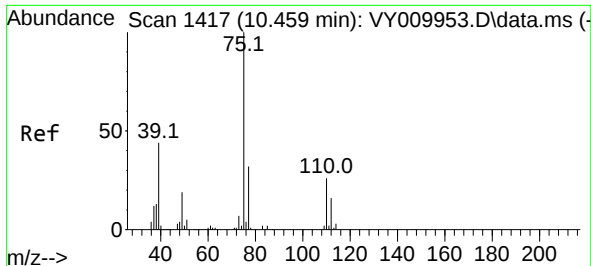
Tgt Ion: 43 Resp: 195609
Ion Ratio Lower Upper
43 100
58 38.2 31.5 47.3



#52
Toluene
Concen: 46.971 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

Tgt Ion: 92 Resp: 112415
Ion Ratio Lower Upper
92 100
91 173.4 138.7 208.1

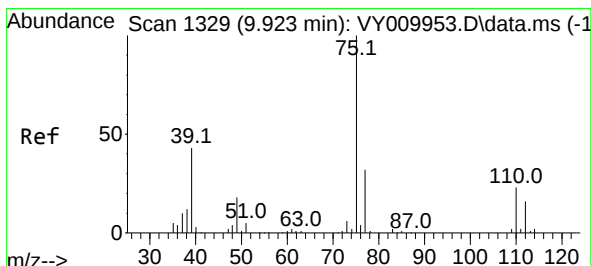
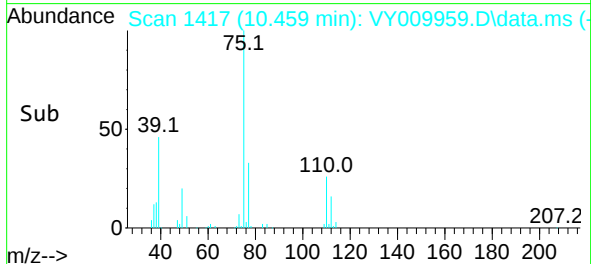
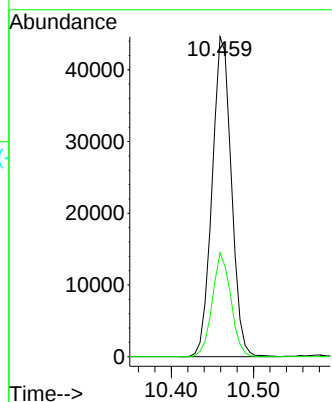
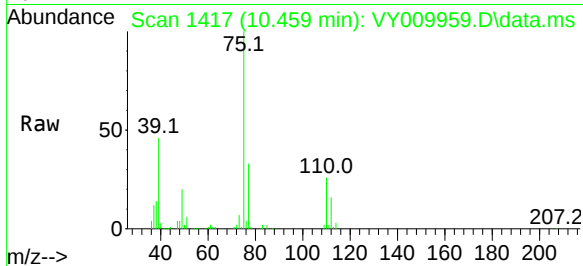




#53
t-1,3-Dichloropropene
Concen: 56.765 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

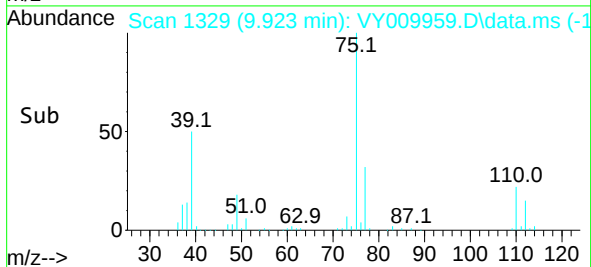
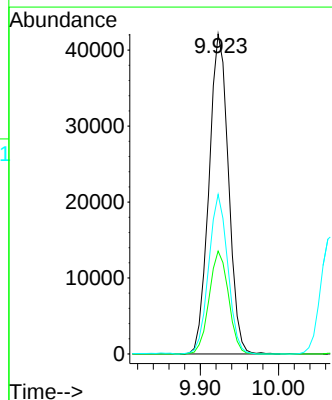
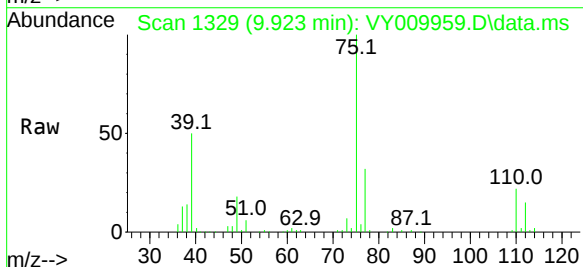
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

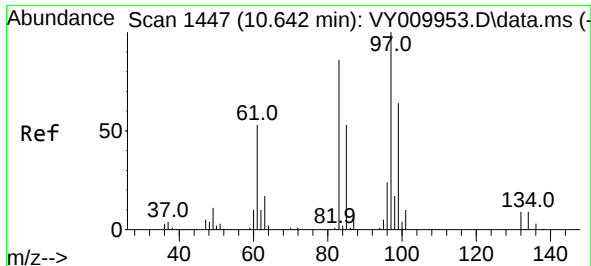
Tgt Ion: 75 Resp: 72548
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 48.646 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

Tgt Ion: 75 Resp: 72723
Ion Ratio Lower Upper
75 100
77 32.2 25.2 37.8
39 49.9 35.8 53.8

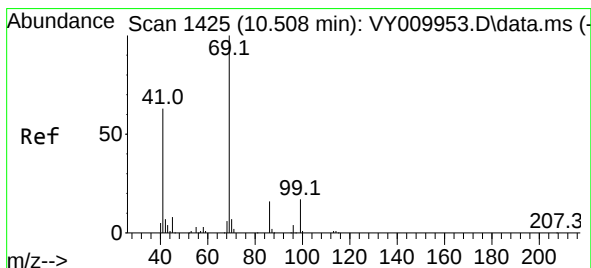
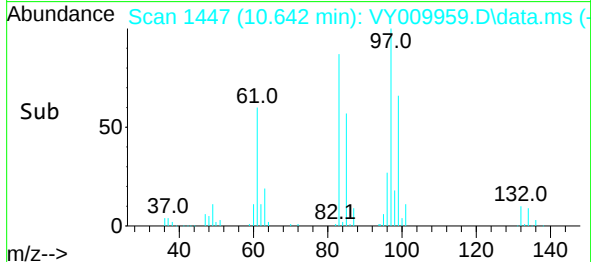
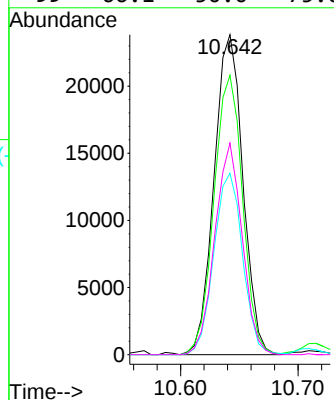
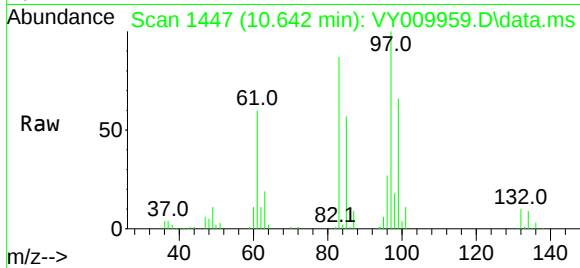




#55
1,1,2-Trichloroethane
Concen: 50.925 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

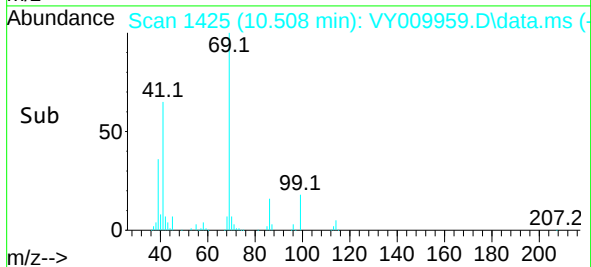
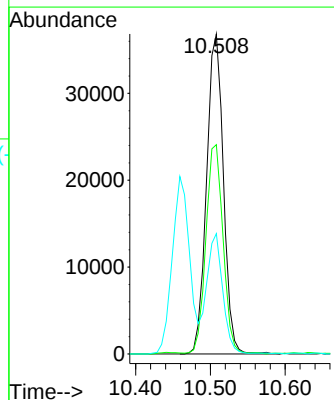
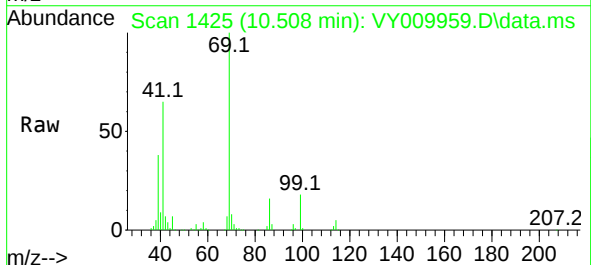
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

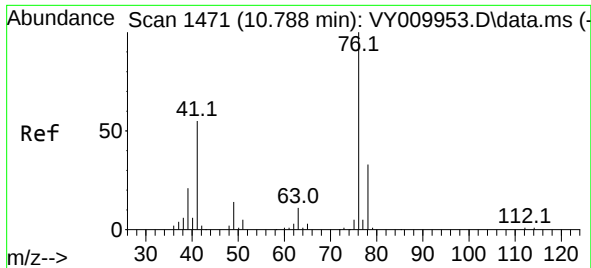
Tgt Ion:	97	Resp:	40644
Ion	Ratio	Lower	Upper
97	100		
83	87.3	66.9	100.3
85	56.7	44.2	66.4
99	66.1	50.0	75.0



#56
Ethyl methacrylate
Concen: 58.568 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

Tgt Ion:	69	Resp:	57619
Ion	Ratio	Lower	Upper
69	100		
41	67.0	50.4	75.6
39	35.6	27.6	41.4

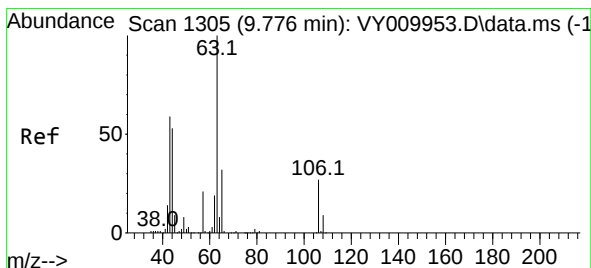
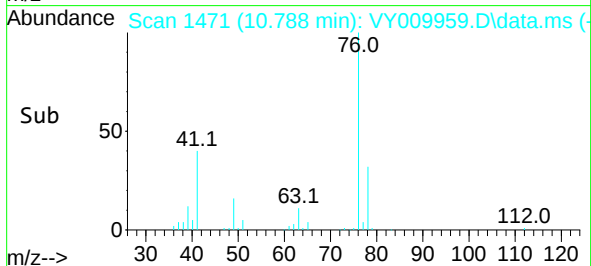
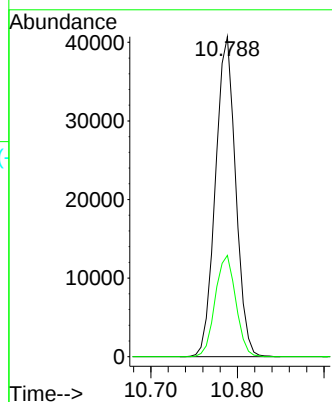
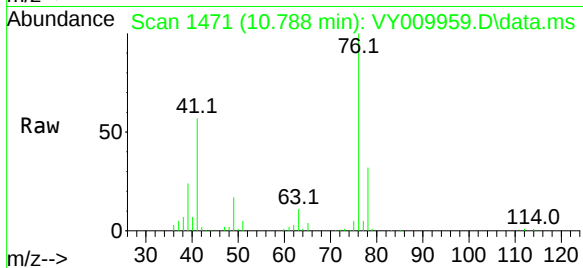




#57
1,3-Dichloropropane
Concen: 49.666 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

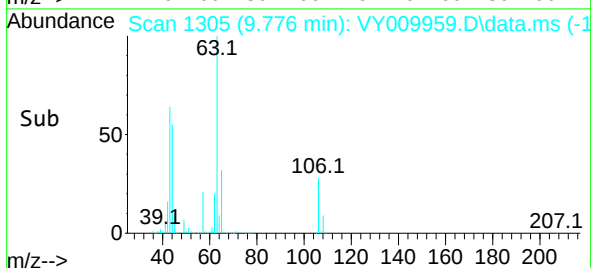
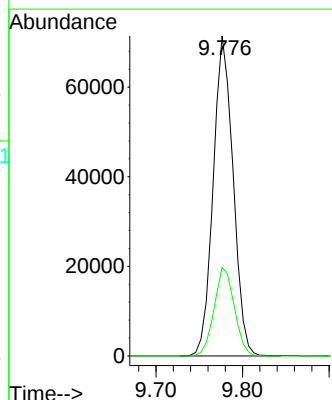
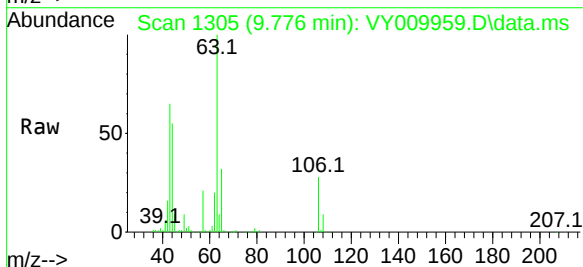
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

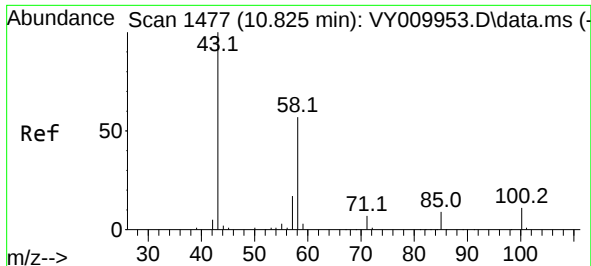
Tgt Ion: 76 Resp: 65949
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 222.651 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

Tgt Ion: 63 Resp: 114132
Ion Ratio Lower Upper
63 100
106 28.0 23.3 34.9

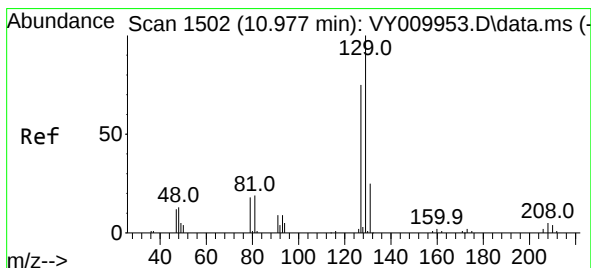
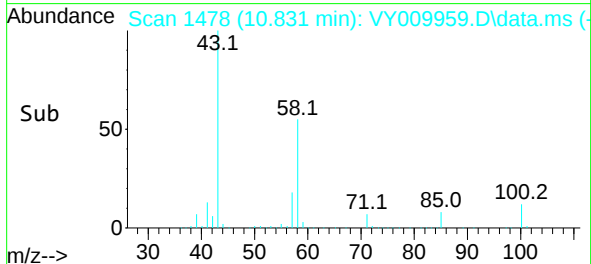
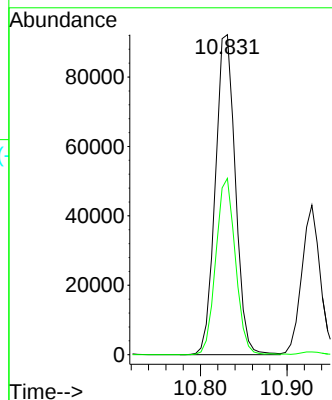
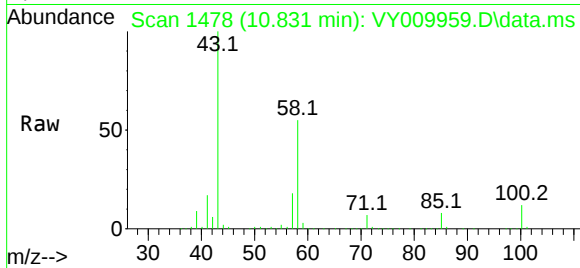




#59
2-Hexanone
Concen: 295.190 ug/l
RT: 10.831 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

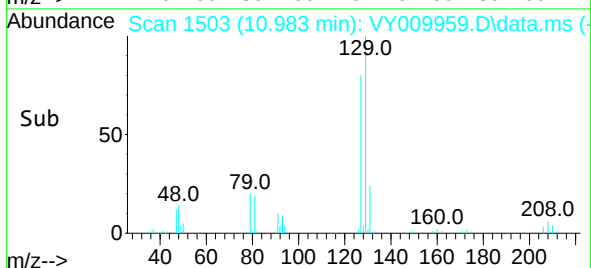
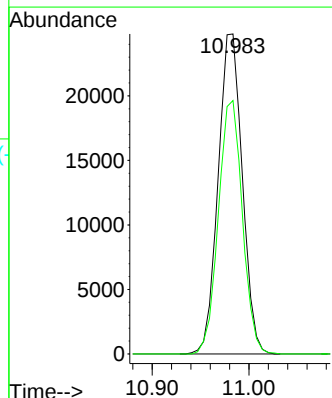
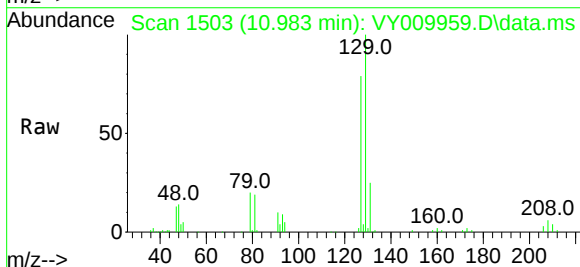
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

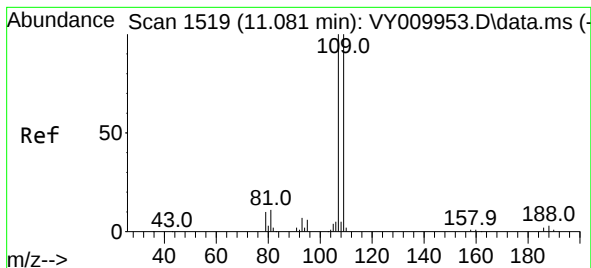
Tgt Ion: 43 Resp: 148182
Ion Ratio Lower Upper
43 100
58 53.8 27.6 82.8



#60
Dibromochloromethane
Concen: 48.000 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.006 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

Tgt Ion:129 Resp: 42966
Ion Ratio Lower Upper
129 100
127 78.6 38.8 116.4





#61

1,2-Dibromoethane

Concen: 46.654 ug/l

RT: 11.087 min Scan# 1519

Delta R.T. 0.006 min

Lab File: VY009959.D

Acq: 11 Aug 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

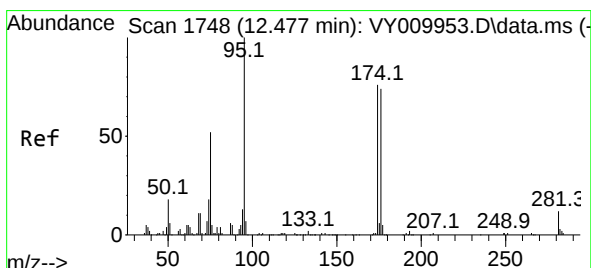
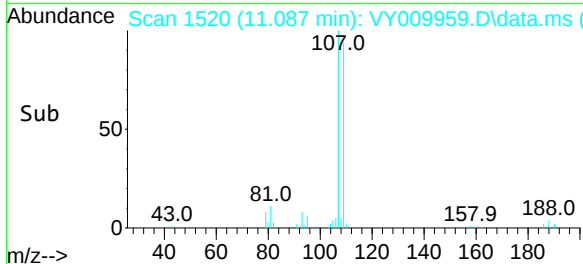
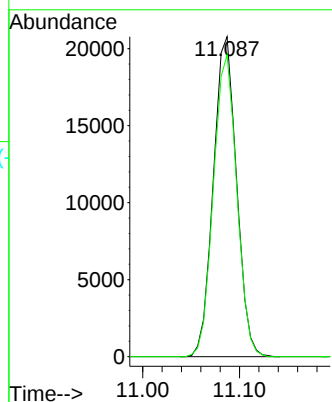
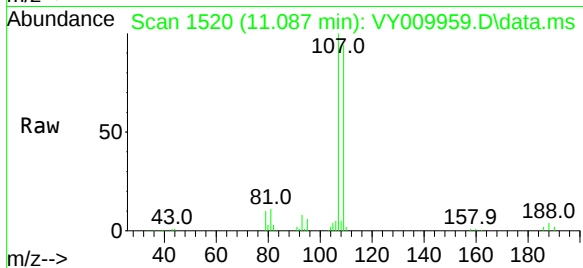
VSTDCCC050

Tgt Ion:107 Resp: 34522

Ion Ratio Lower Upper

107 100

109 95.0 73.9 110.9



#62

4-Bromofluorobenzene

Concen: 46.304 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY009959.D

Acq: 11 Aug 2022 12:38

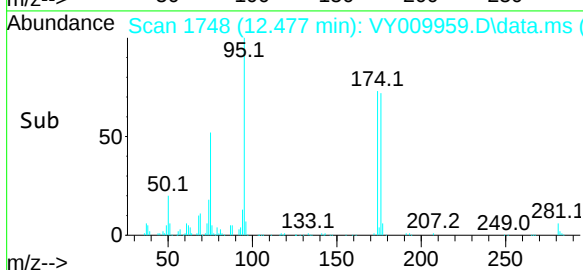
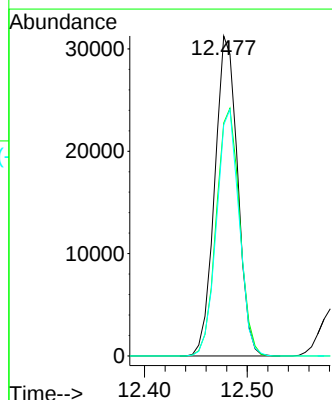
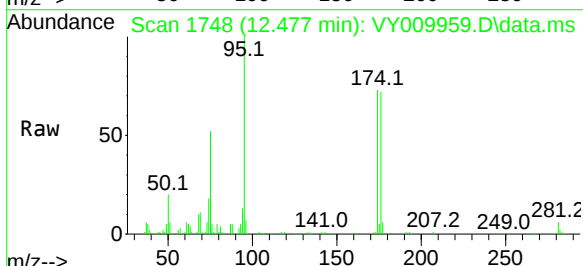
Tgt Ion: 95 Resp: 48242

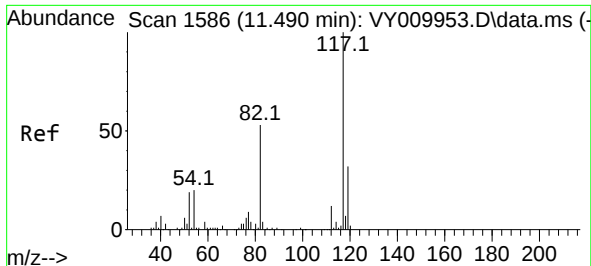
Ion Ratio Lower Upper

95 100

174 78.7 0.0 173.8

176 75.9 0.0 167.0

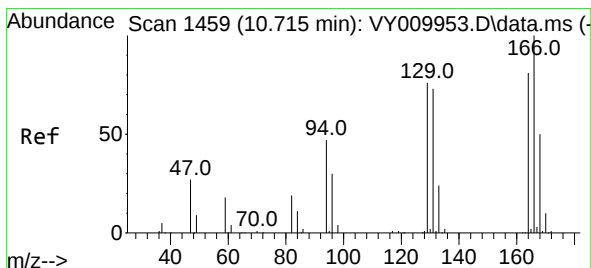
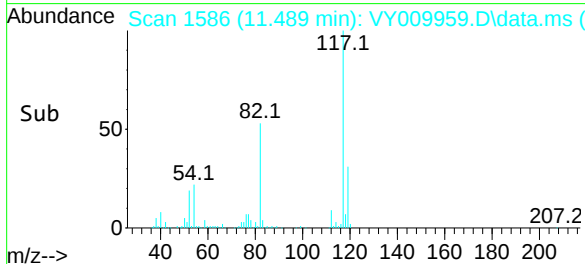
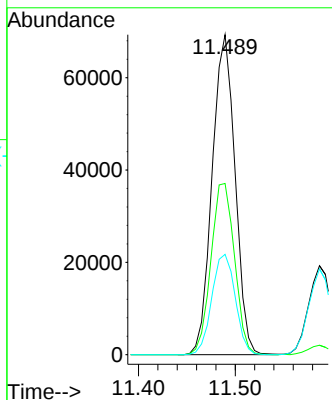
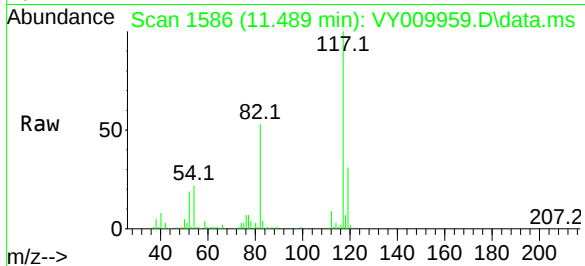




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

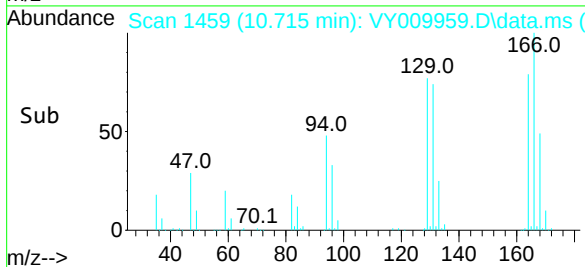
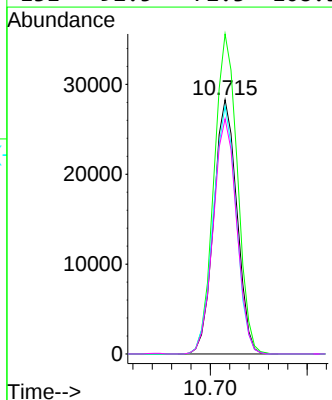
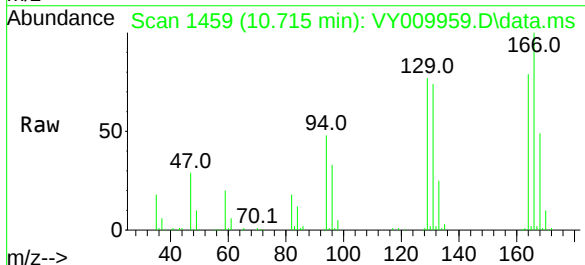
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

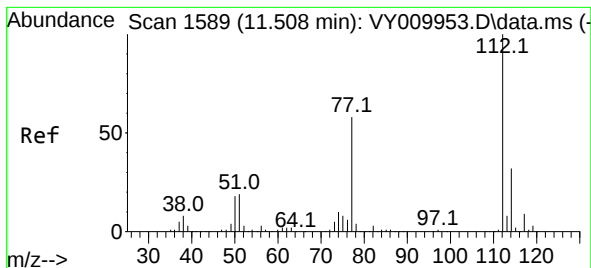
Tgt Ion:117 Resp: 113876
Ion Ratio Lower Upper
117 100
82 53.5 41.8 62.6
119 31.4 25.6 38.4



#64
Tetrachloroethene
Concen: 52.632 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

Tgt Ion:164 Resp: 46908
Ion Ratio Lower Upper
164 100
166 125.8 104.9 157.3
129 97.4 76.5 114.7
131 92.5 72.3 108.5





#65

Chlorobenzene

Concen: 50.895 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009959.D

Acq: 11 Aug 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

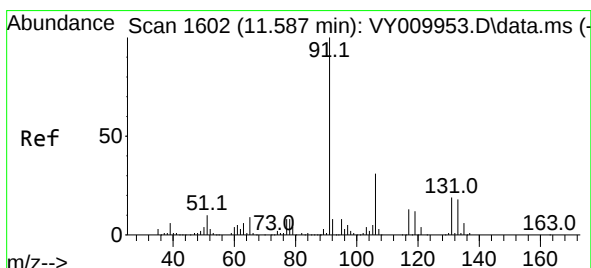
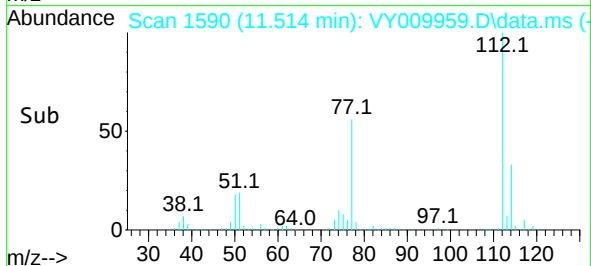
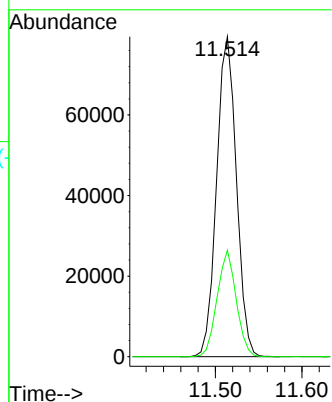
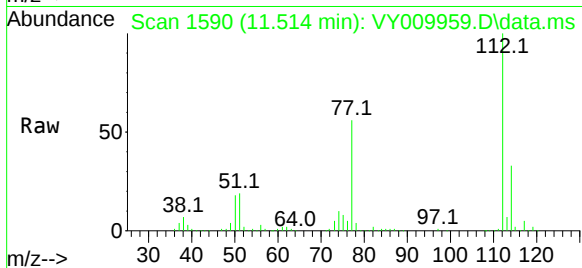
VSTDCCC050

Tgt Ion:112 Resp: 126065

Ion Ratio Lower Upper

112 100

114 33.3 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 49.239 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY009959.D

Acq: 11 Aug 2022 12:38

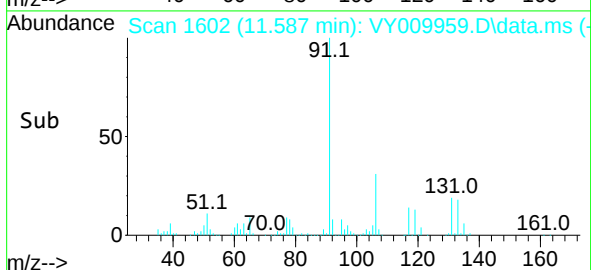
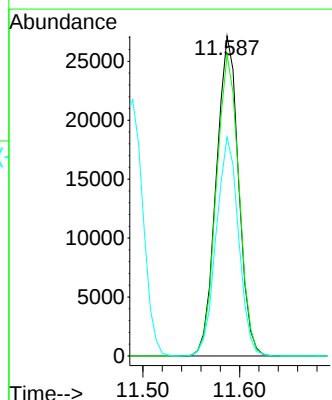
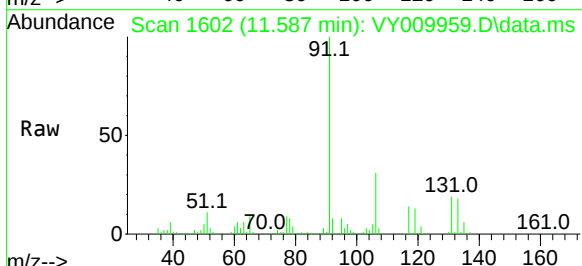
Tgt Ion:131 Resp: 43431

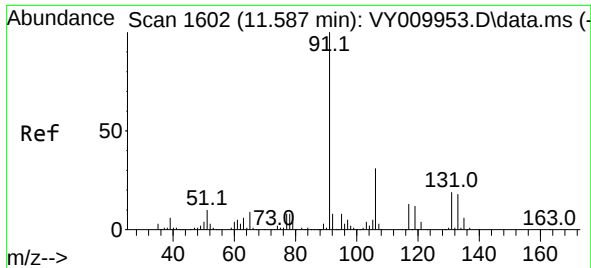
Ion Ratio Lower Upper

131 100

133 95.3 47.3 142.0

119 68.6 32.1 96.3

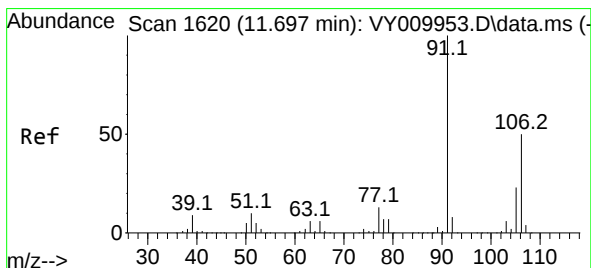
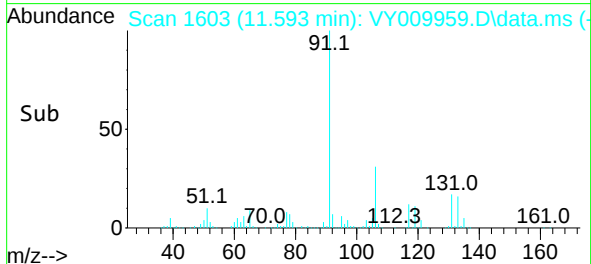
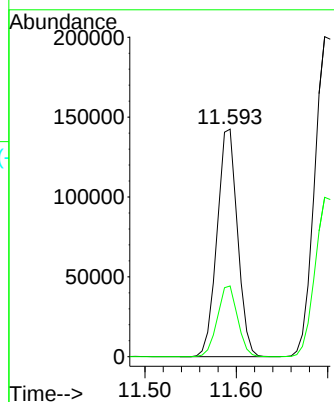
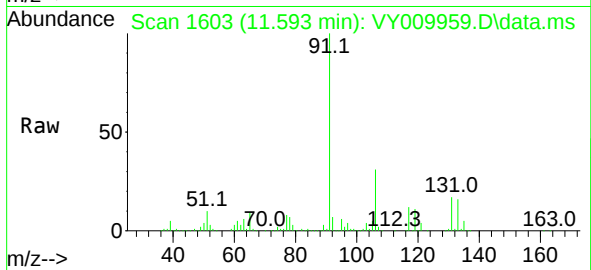




#67
Ethyl Benzene
Concen: 51.422 ug/l
RT: 11.593 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

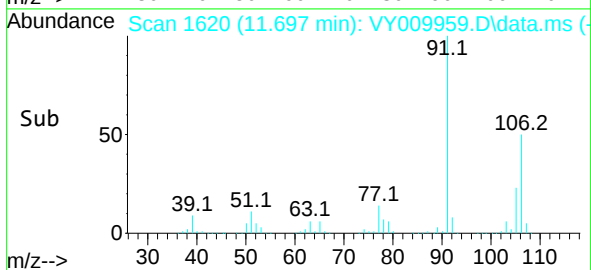
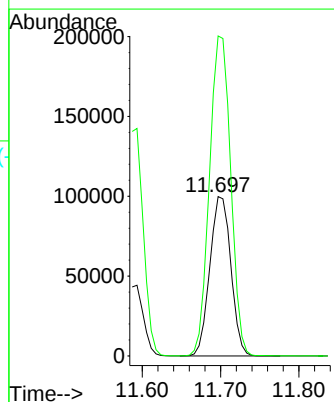
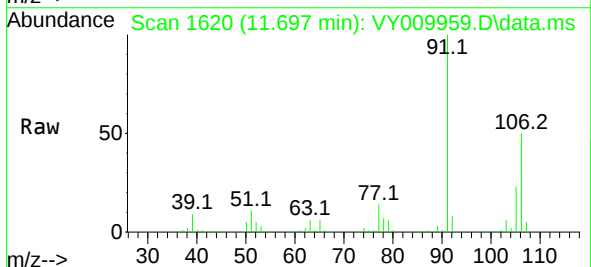
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

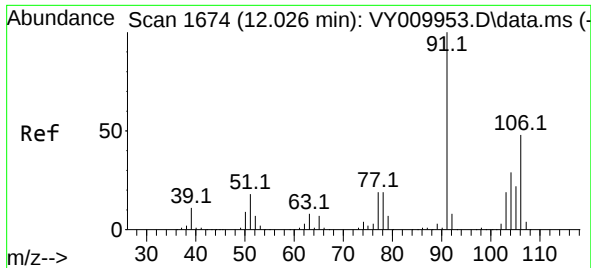
Tgt Ion: 91 Resp: 221639
Ion Ratio Lower Upper
91 100
106 31.1 26.2 39.4



#68
m/p-Xylenes
Concen: 111.520 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

Tgt Ion:106 Resp: 186161
Ion Ratio Lower Upper
106 100
91 202.9 156.2 234.2

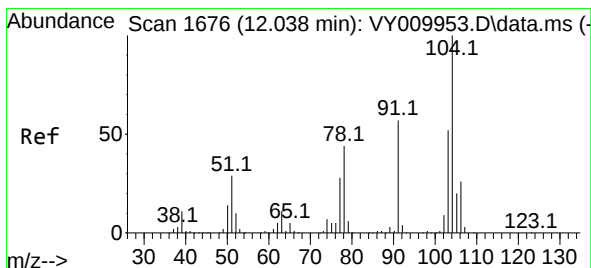
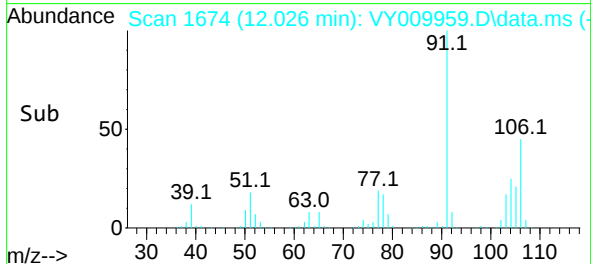
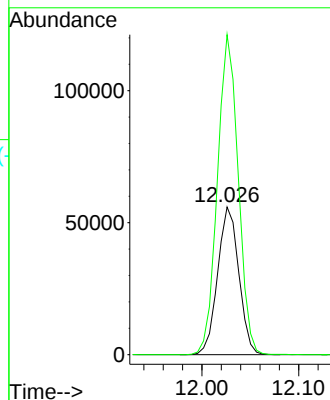
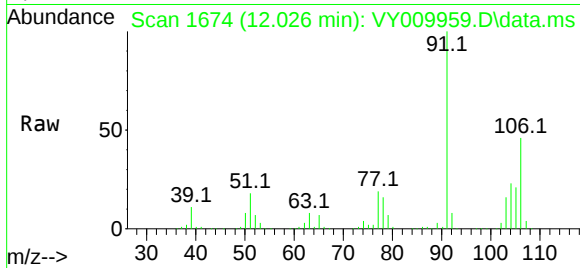




#69
o-Xylene
Concen: 54.782 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

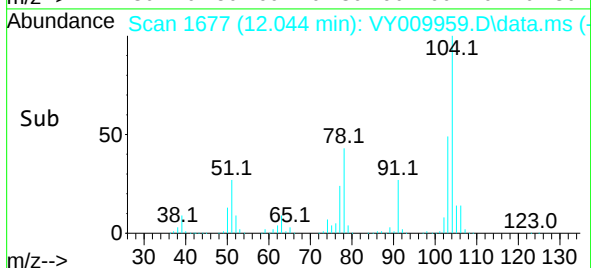
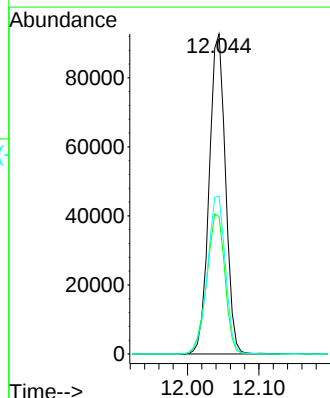
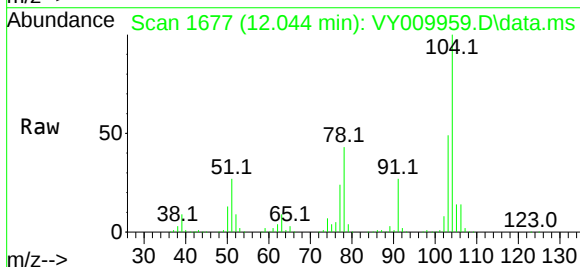
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

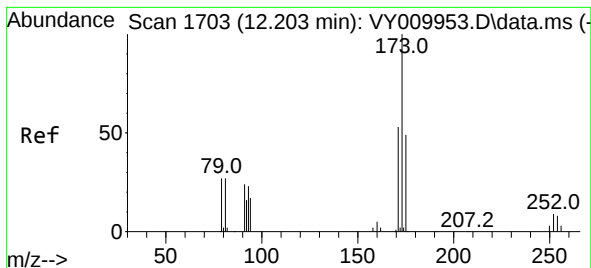
Tgt Ion:106 Resp: 84890
Ion Ratio Lower Upper
106 100
91 213.2 103.2 309.4



#70
Styrene
Concen: 56.289 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

Tgt Ion:104 Resp: 146919
Ion Ratio Lower Upper
104 100
78 48.9 38.6 57.8
103 54.1 43.3 64.9





#71

Bromoform

Concen: 54.376 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VY009959.D

Acq: 11 Aug 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

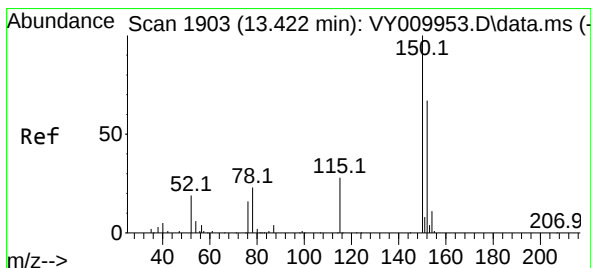
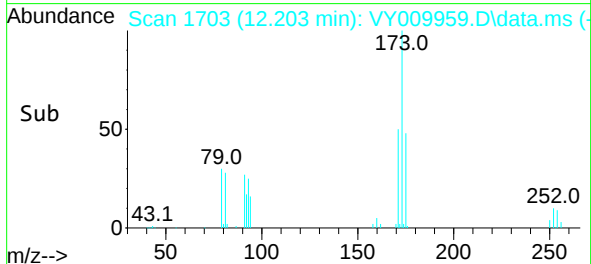
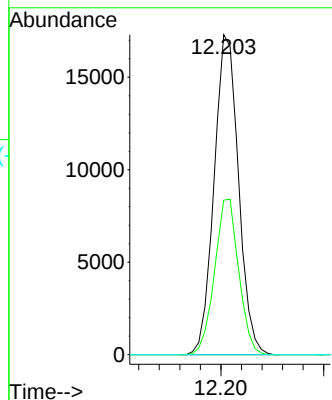
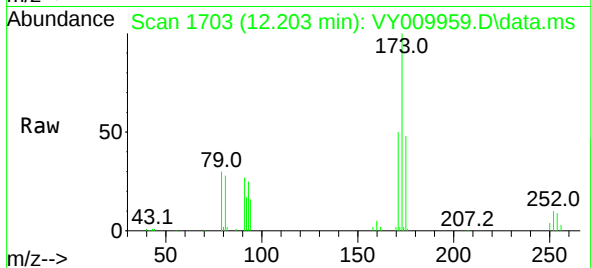
Tgt Ion:173 Resp: 28469

Ion Ratio Lower Upper

173 100

175 48.1 24.4 73.4

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009959.D

Acq: 11 Aug 2022 12:38

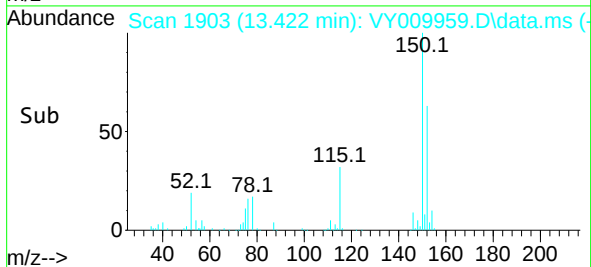
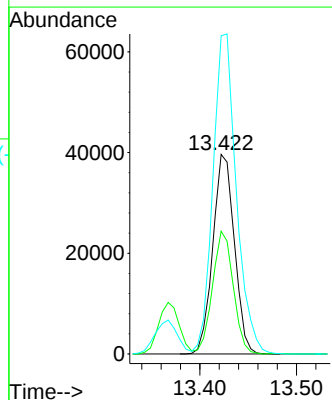
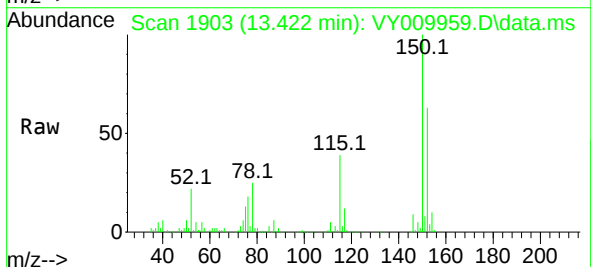
Tgt Ion:152 Resp: 61309

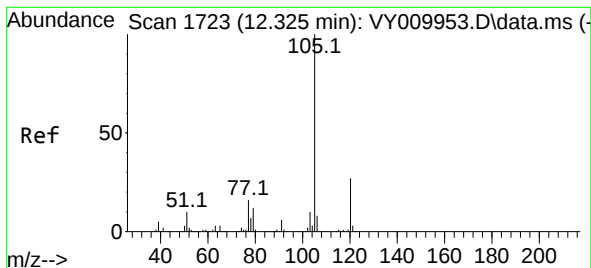
Ion Ratio Lower Upper

152 100

115 59.2 28.6 85.9

150 174.3 0.0 349.8





#73

Isopropylbenzene

Concen: 49.104 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009959.D

Acq: 11 Aug 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

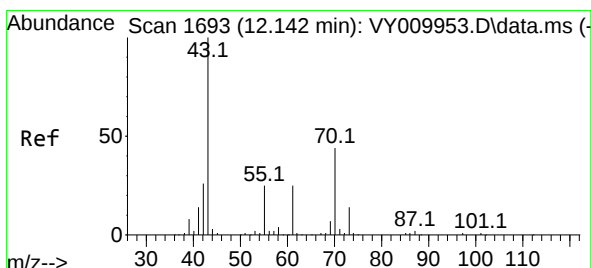
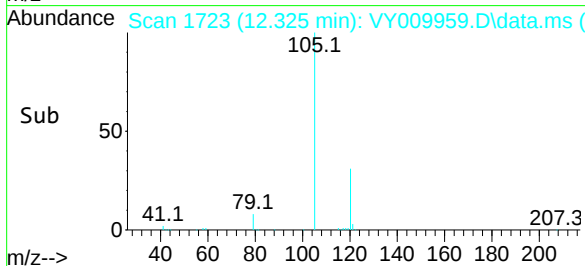
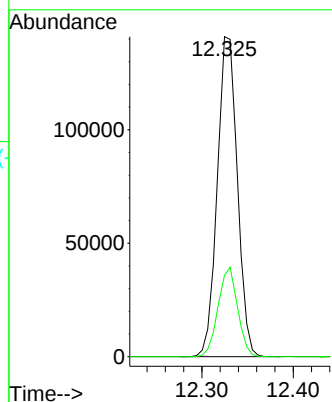
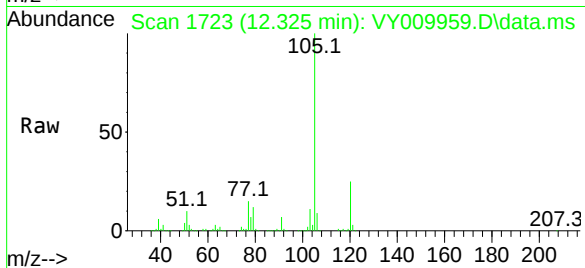
VSTDCCC050

Tgt Ion:105 Resp: 215575

Ion Ratio Lower Upper

105 100

120 27.1 13.7 41.1



#74

N-ethyl acetate

Concen: 53.114 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY009959.D

Acq: 11 Aug 2022 12:38

Tgt Ion: 43 Resp: 70273

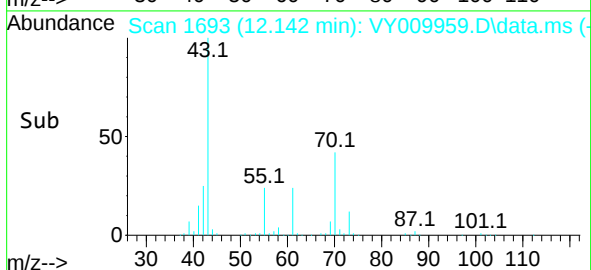
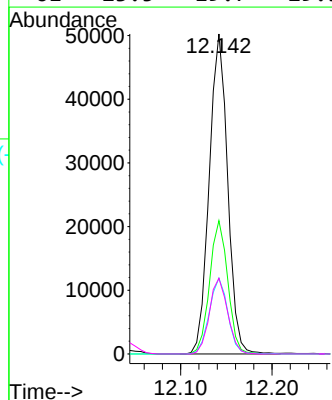
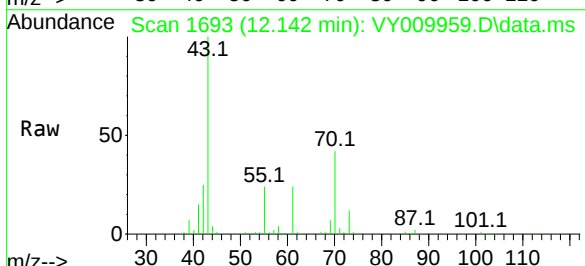
Ion Ratio Lower Upper

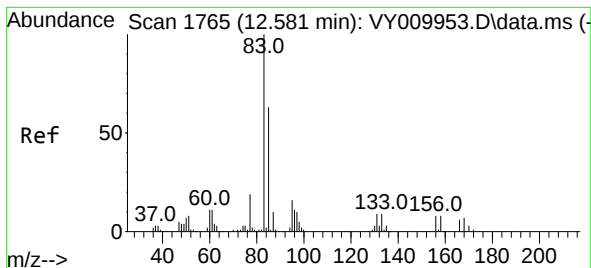
43 100

70 41.1 35.6 53.4

55 23.9 19.5 29.3

61 23.5 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 44.461 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY009959.D

Acq: 11 Aug 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

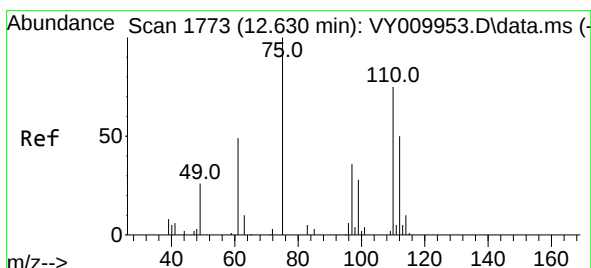
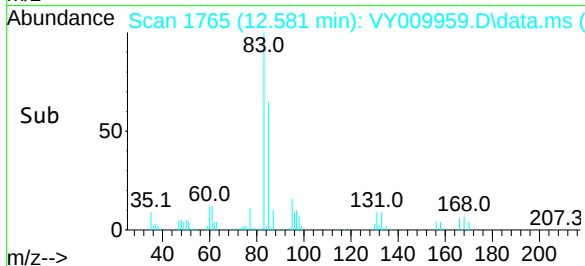
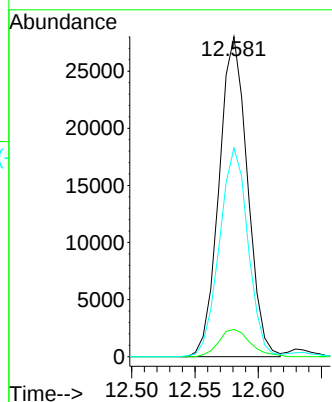
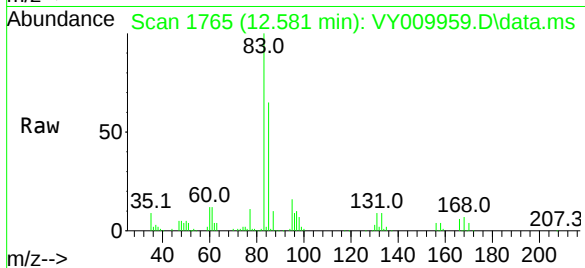
Tgt Ion: 83 Resp: 43622

Ion Ratio Lower Upper

83 100

131 9.5 5.4 16.2

85 65.8 32.8 98.4



#76

1,2,3-Trichloropropane

Concen: 90.925 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY009959.D

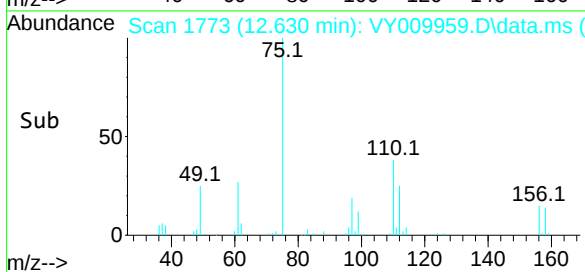
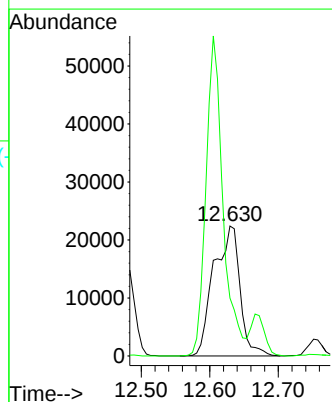
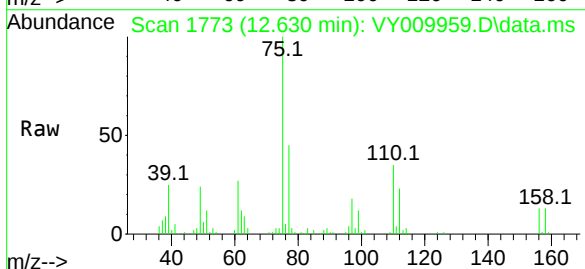
Acq: 11 Aug 2022 12:38

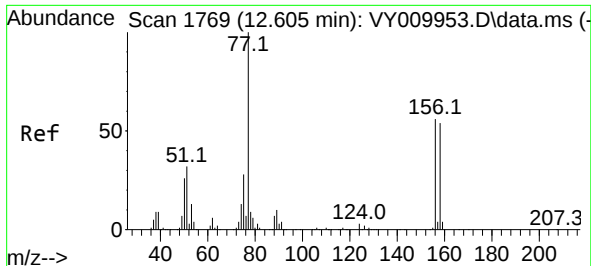
Tgt Ion: 75 Resp: 59512

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

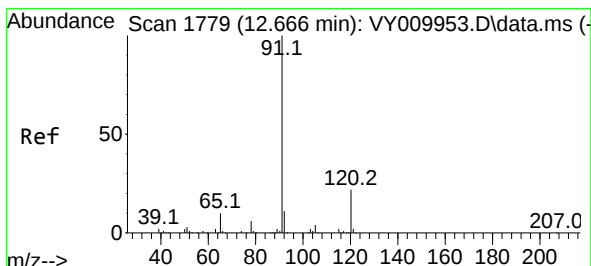
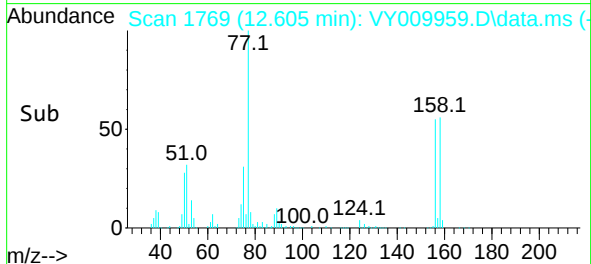
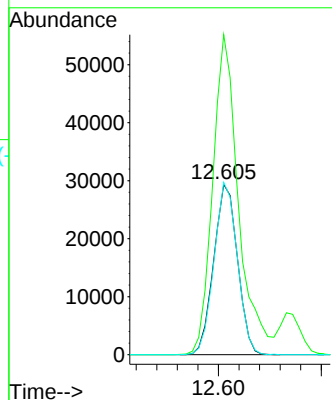
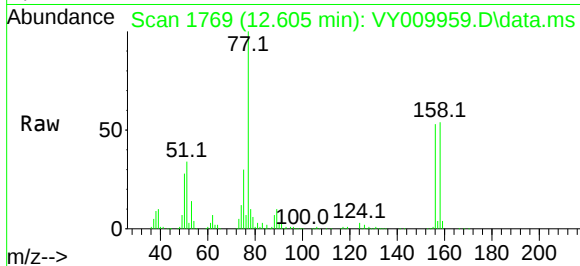




#77
Bromobenzene
Concen: 44.845 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

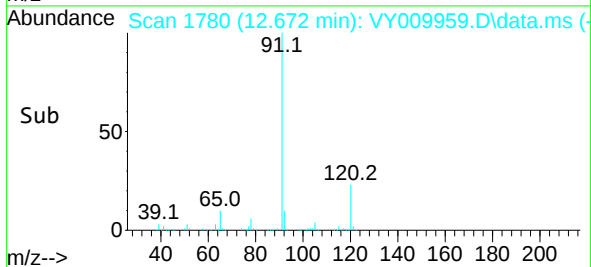
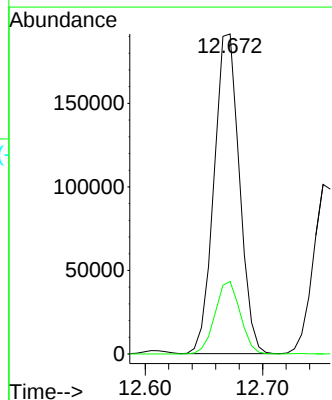
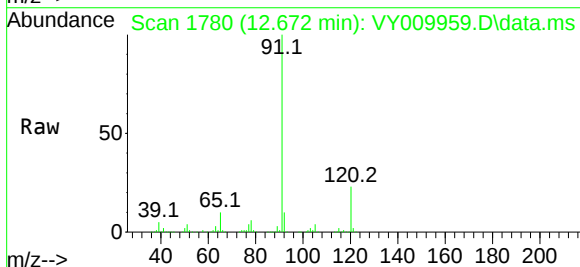
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

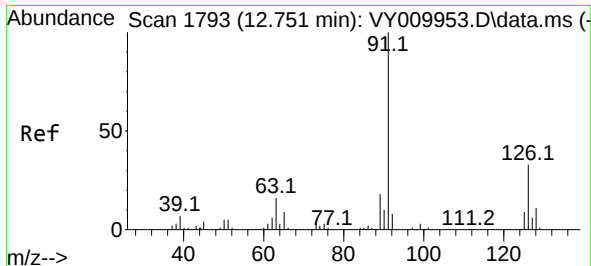
Tgt Ion:156 Resp: 47144
Ion Ratio Lower Upper
156 100
77 203.9 88.1 264.3
158 99.2 48.6 145.8



#78
n-propylbenzene
Concen: 51.084 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

Tgt Ion: 91 Resp: 287515
Ion Ratio Lower Upper
91 100
120 22.5 11.9 35.5





#79

2-Chlorotoluene

Concen: 50.188 ug/l

RT: 12.751 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009959.D

Acq: 11 Aug 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

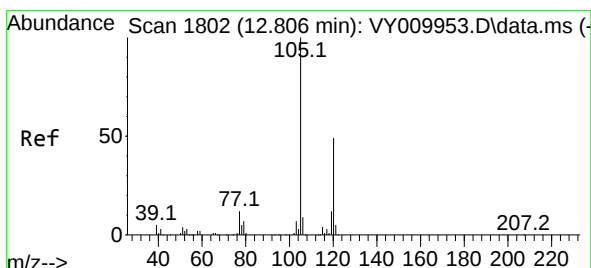
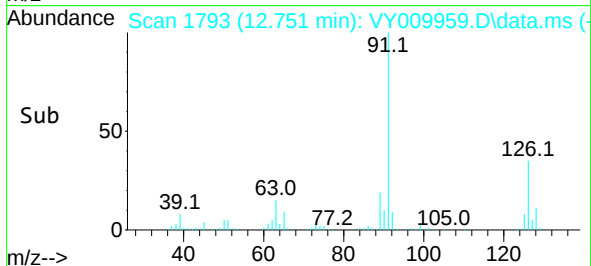
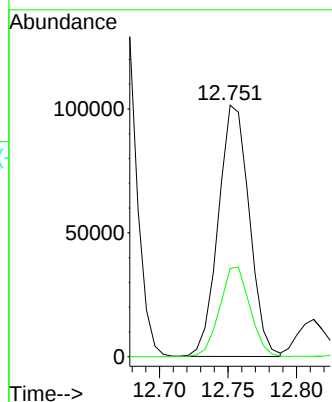
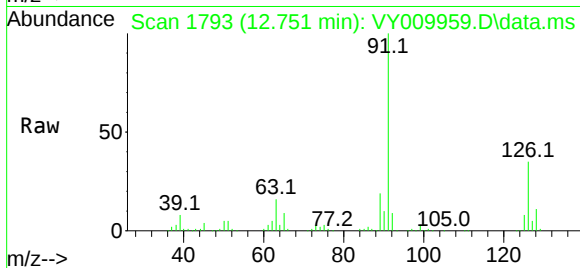
VSTDCCC050

Tgt Ion: 91 Resp: 159739

Ion Ratio Lower Upper

91 100

126 34.8 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 51.807 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.006 min

Lab File: VY009959.D

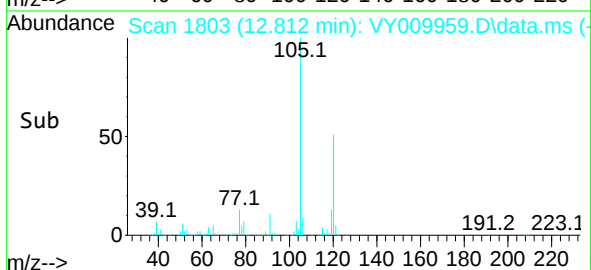
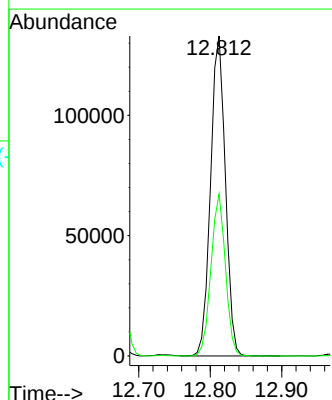
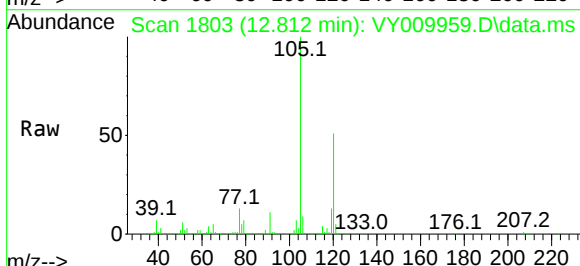
Acq: 11 Aug 2022 12:38

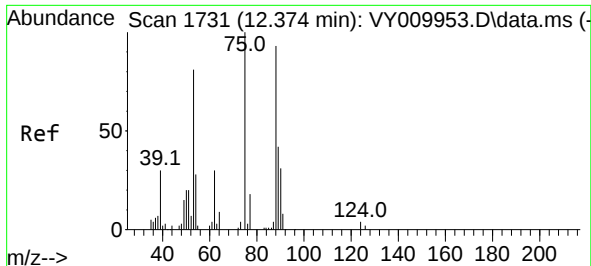
Tgt Ion: 105 Resp: 191511

Ion Ratio Lower Upper

105 100

120 49.3 25.3 75.8

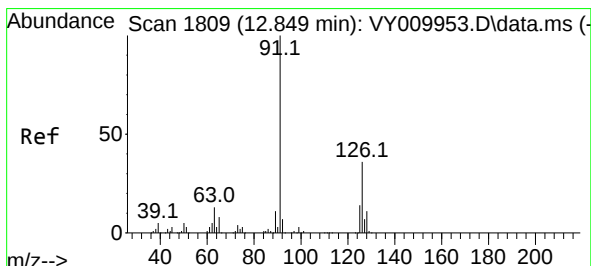
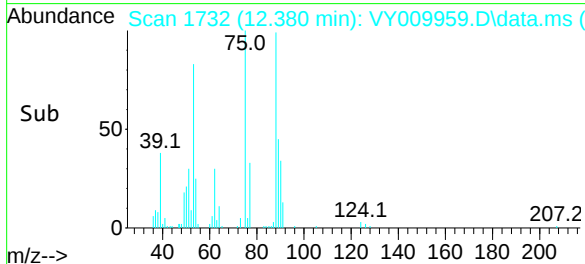
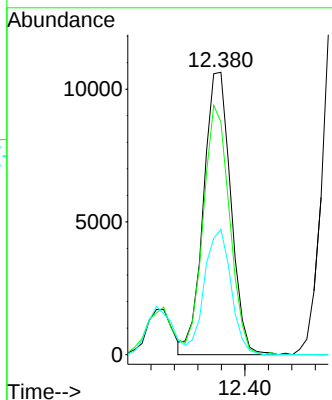
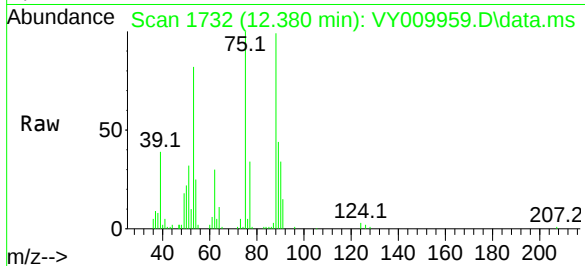




#81
trans-1,4-Dichloro-2-butene
Concen: 51.079 ug/l
RT: 12.380 min Scan# 1731
Delta R.T. 0.006 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

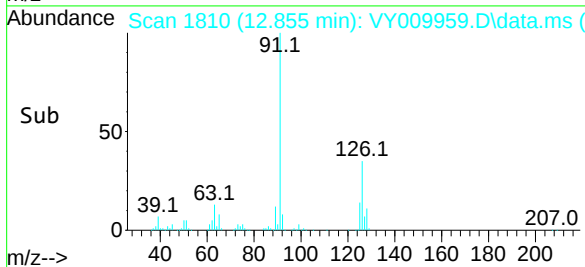
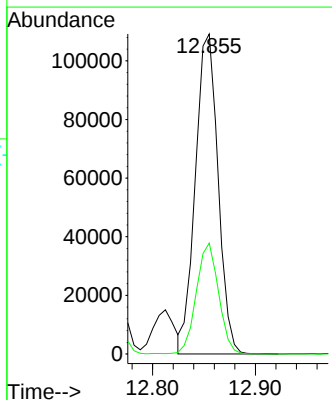
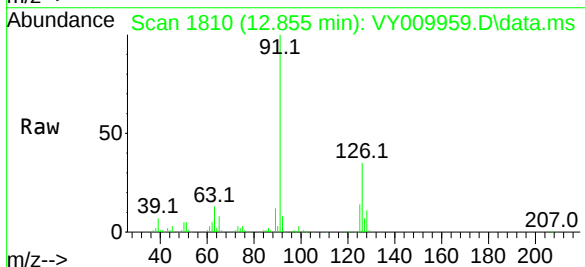
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

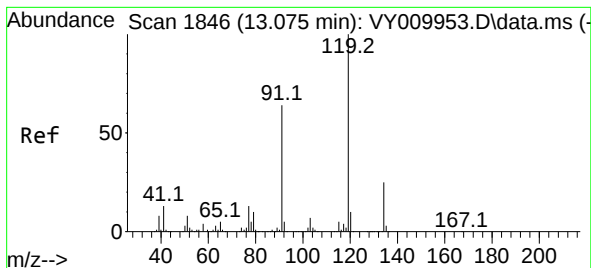
Tgt Ion: 75 Resp: 17175
Ion Ratio Lower Upper
75 100
53 84.7 71.4 107.2
89 43.1 38.1 57.1



#82
4-Chlorotoluene
Concen: 50.547 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

Tgt Ion: 91 Resp: 167681
Ion Ratio Lower Upper
91 100
126 34.0 18.0 54.0





#83

tert-Butylbenzene

Concen: 51.678 ug/l

RT: 13.075 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY009959.D

Acq: 11 Aug 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

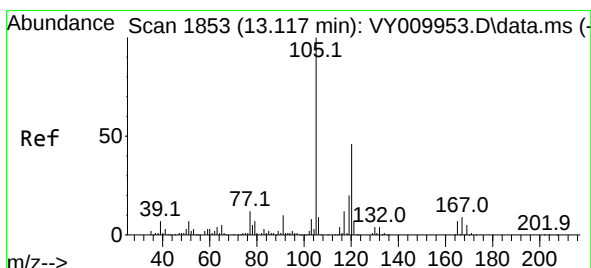
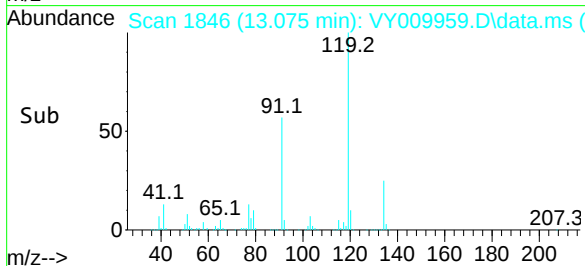
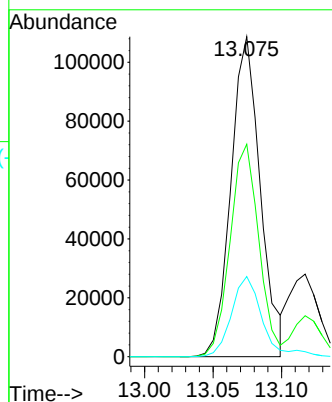
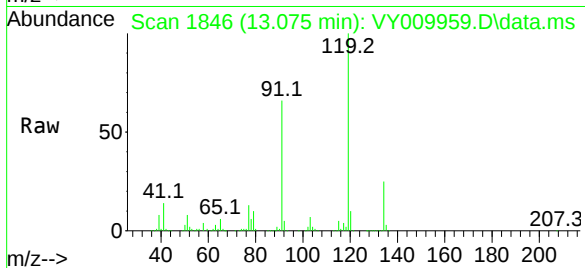
Tgt Ion:119 Resp: 162346

Ion Ratio Lower Upper

119 100

91 65.2 32.0 96.0

134 26.3 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 52.401 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY009959.D

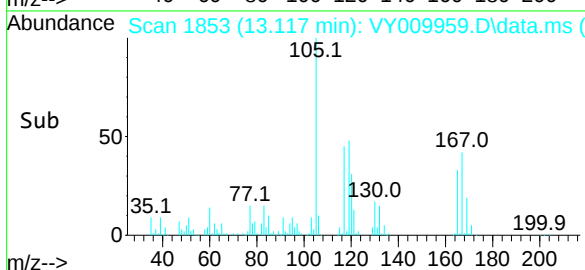
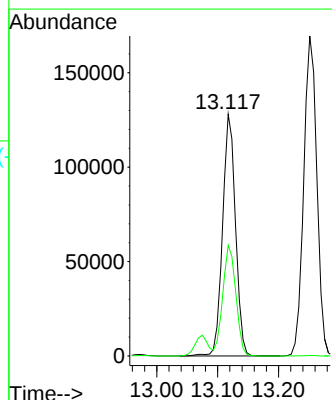
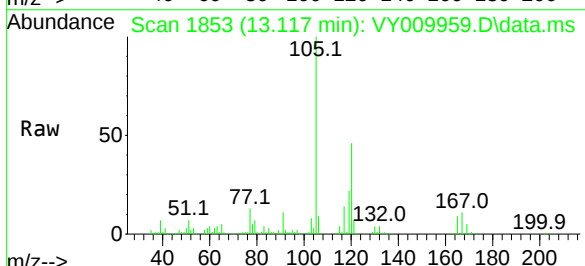
Acq: 11 Aug 2022 12:38

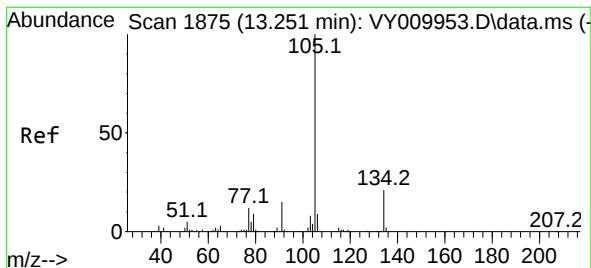
Tgt Ion:105 Resp: 188879

Ion Ratio Lower Upper

105 100

120 46.3 23.4 70.3





#85

sec-Butylbenzene

Concen: 51.839 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009959.D

Acq: 11 Aug 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

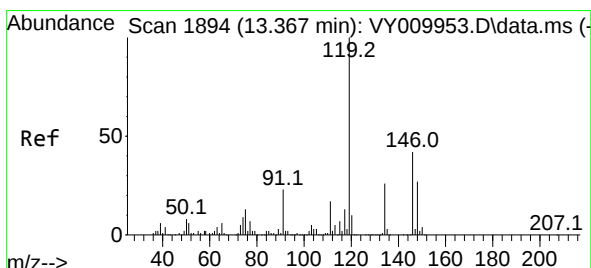
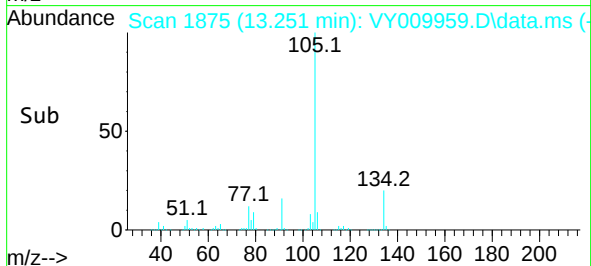
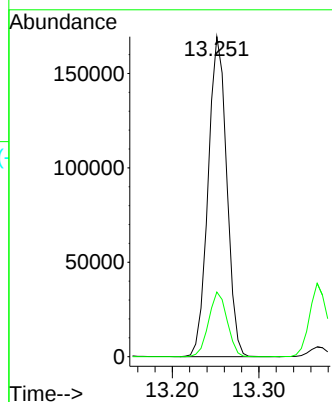
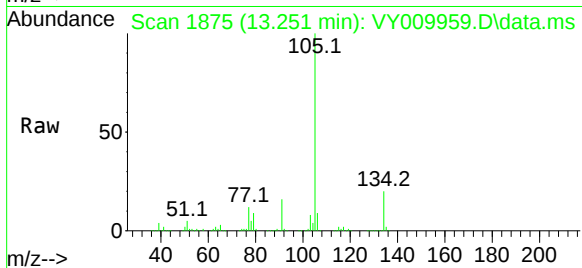
VSTDCCC050

Tgt Ion:105 Resp: 252838

Ion Ratio Lower Upper

105 100

134 20.1 10.5 31.6



#86

p-Isopropyltoluene

Concen: 52.302 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009959.D

Acq: 11 Aug 2022 12:38

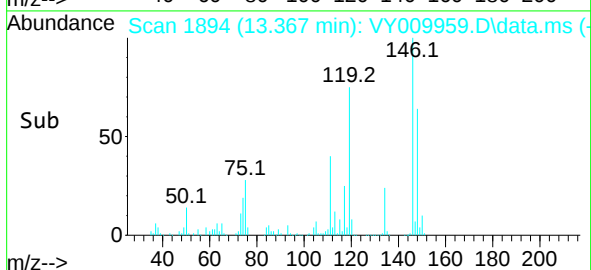
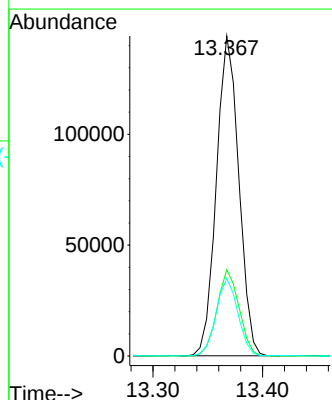
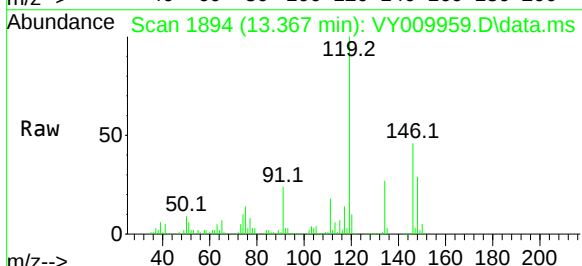
Tgt Ion:119 Resp: 204748

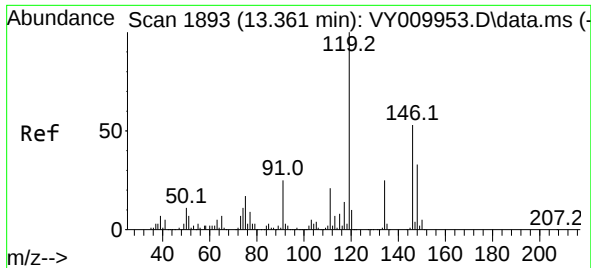
Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

91 23.7 11.6 34.8

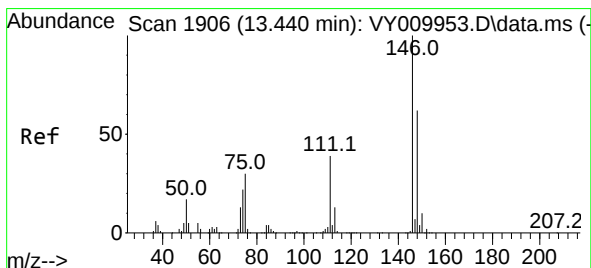
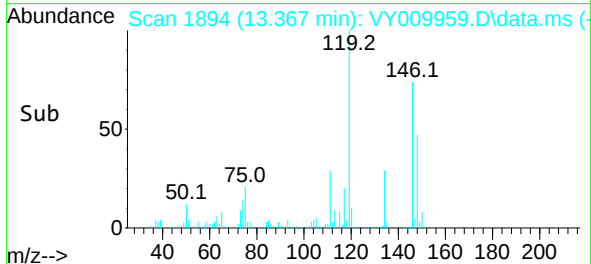
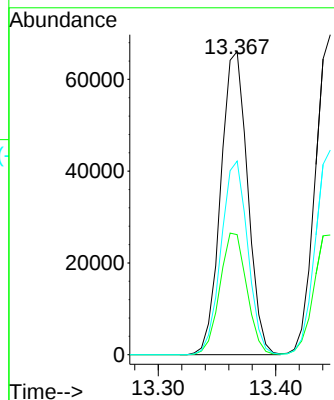
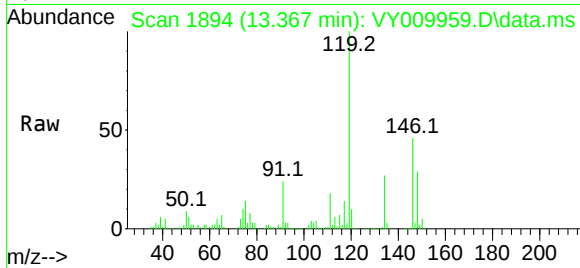




#87
 1,3-Dichlorobenzene
 Concen: 49.755 ug/l
 RT: 13.367 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY009959.D
 Acq: 11 Aug 2022 12:38

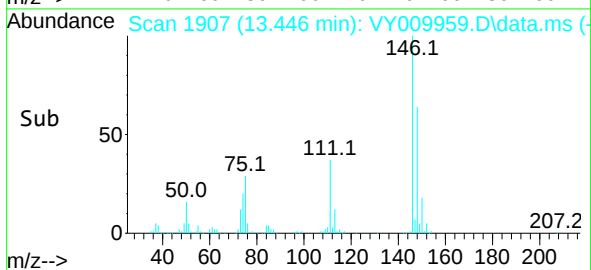
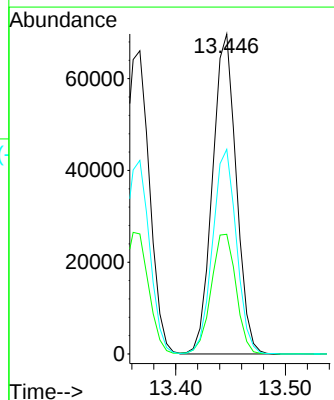
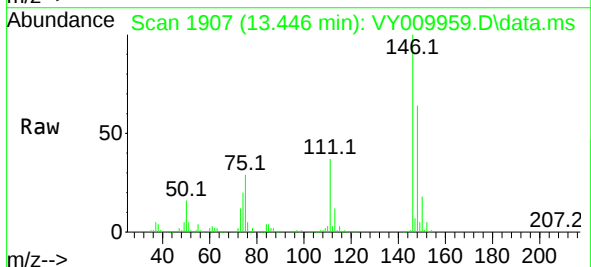
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

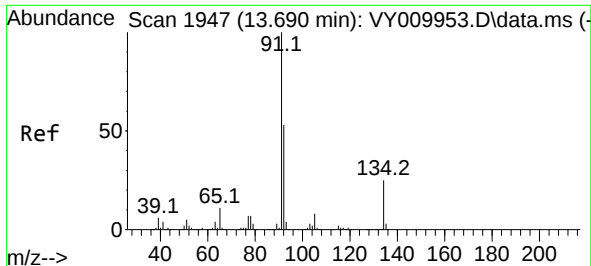
Tgt Ion:146 Resp: 105196
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.1 57.3
 148 63.2 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 48.751 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.006 min
 Lab File: VY009959.D
 Acq: 11 Aug 2022 12:38

Tgt Ion:146 Resp: 105129
 Ion Ratio Lower Upper
 146 100
 111 39.2 18.9 56.9
 148 64.1 31.6 95.0

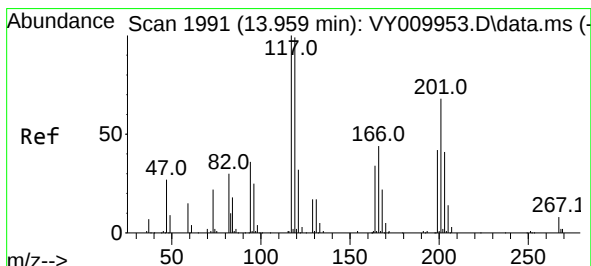
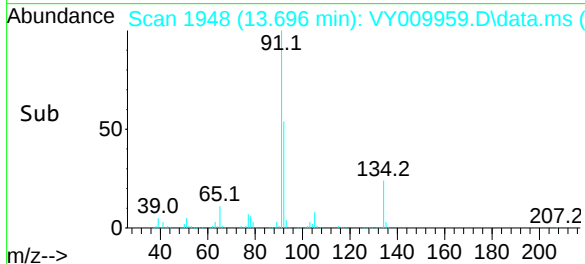
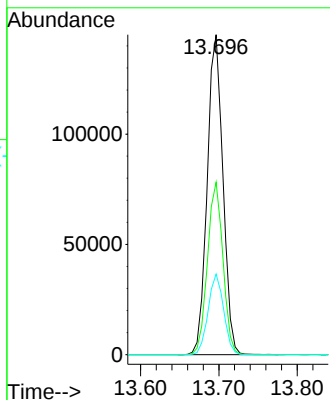
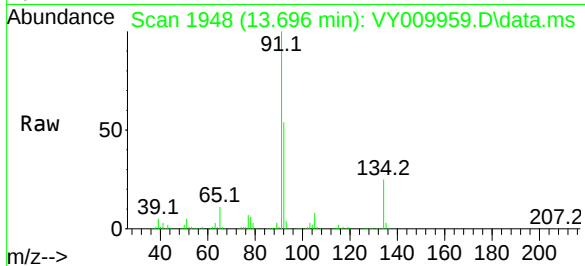




#89
n-Butylbenzene
Concen: 51.995 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.006 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

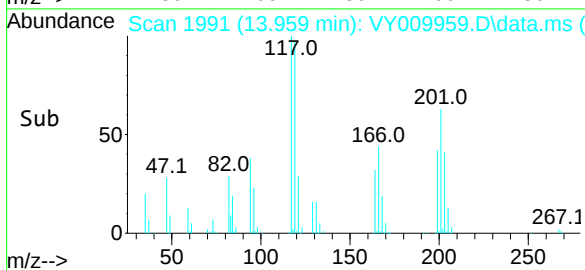
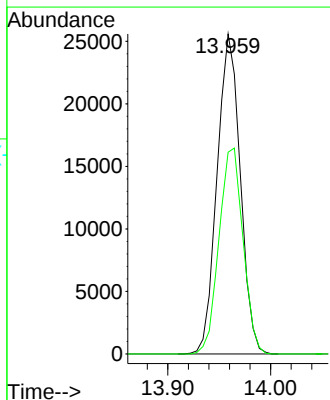
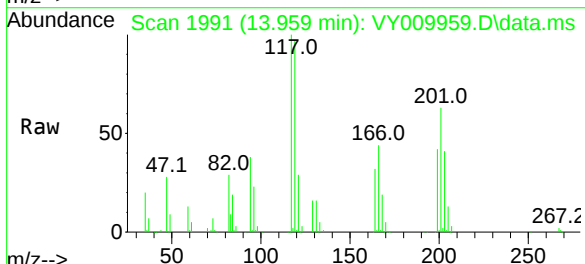
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

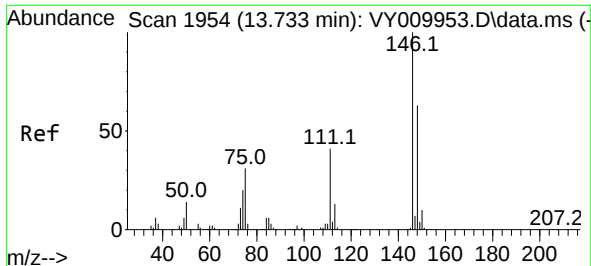
Tgt Ion: 91 Resp: 201710
Ion Ratio Lower Upper
91 100
92 53.1 26.9 80.7
134 24.9 14.0 41.9



#90
Hexachloroethane
Concen: 48.910 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

Tgt Ion: 117 Resp: 40013
Ion Ratio Lower Upper
117 100
201 66.8 38.8 116.3

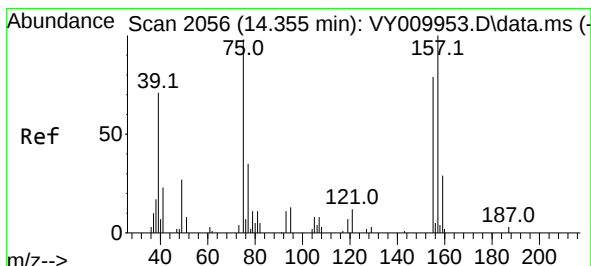
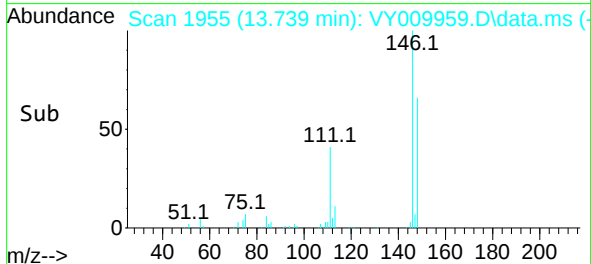
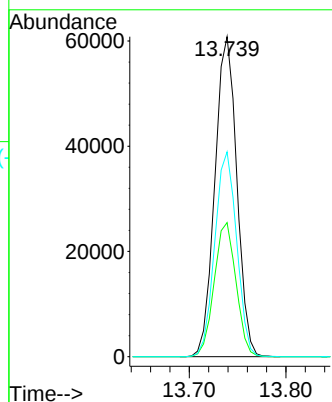
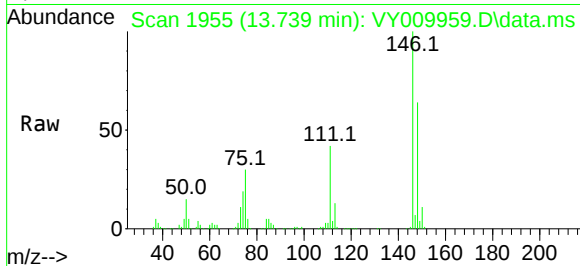




#91
1,2-Dichlorobenzene
Concen: 49.664 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

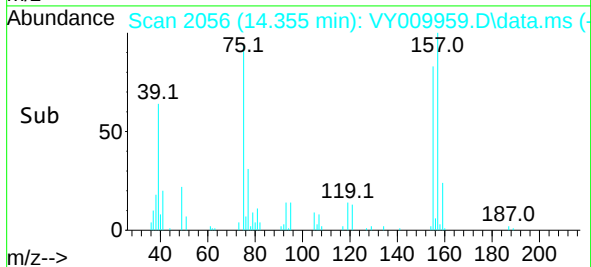
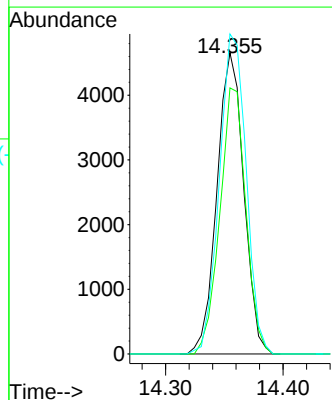
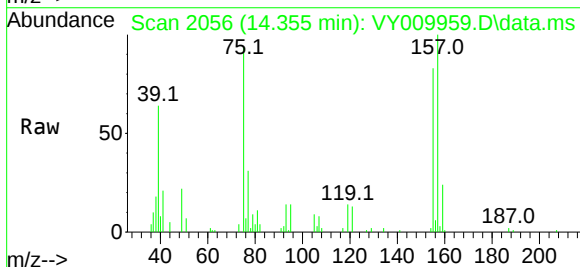
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

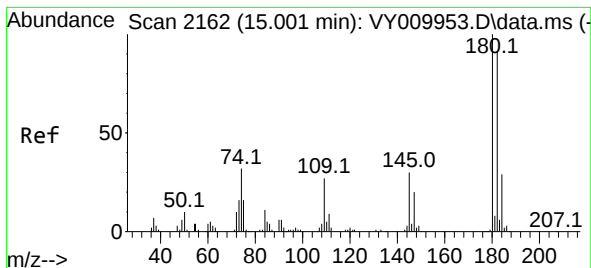
Tgt Ion:146 Resp: 95804
Ion Ratio Lower Upper
146 100
111 41.7 19.7 59.1
148 63.8 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.225 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

Tgt Ion: 75 Resp: 7370
Ion Ratio Lower Upper
75 100
155 85.7 46.4 139.1
157 106.4 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 49.401 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY009959.D

Acq: 11 Aug 2022 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

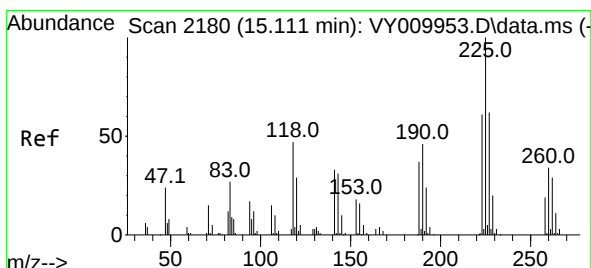
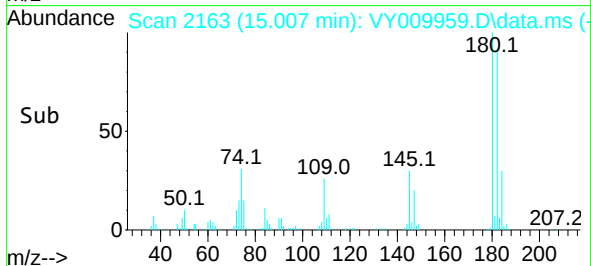
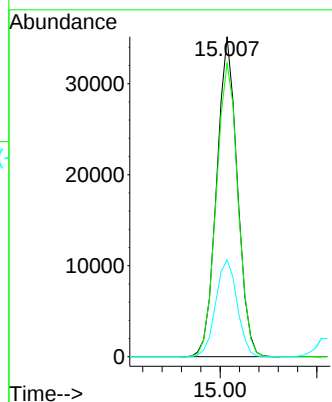
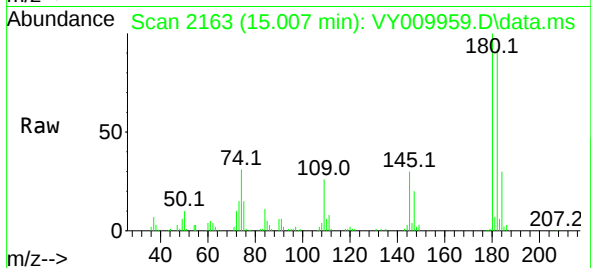
Tgt Ion:180 Resp: 52072

Ion Ratio Lower Upper

180 100

182 95.9 47.3 141.9

145 31.4 15.1 45.3



#94

Hexachlorobutadiene

Concen: 46.659 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY009959.D

Acq: 11 Aug 2022 12:38

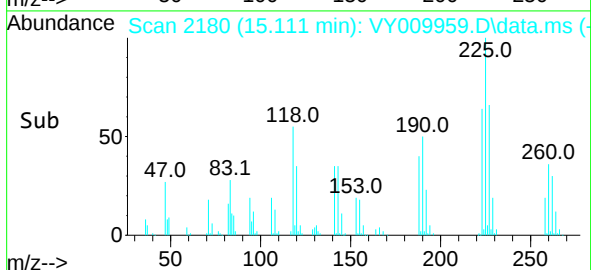
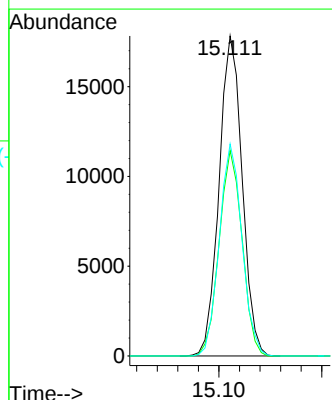
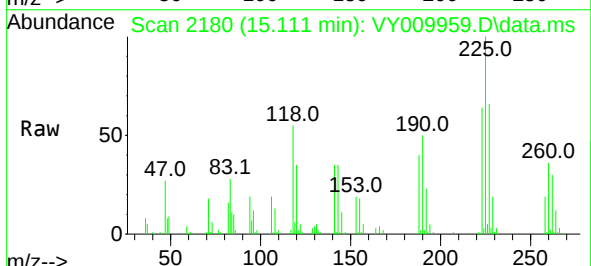
Tgt Ion:225 Resp: 27775

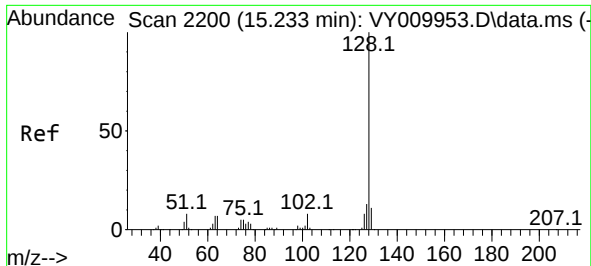
Ion Ratio Lower Upper

225 100

223 63.6 30.8 92.3

227 65.2 31.9 95.5

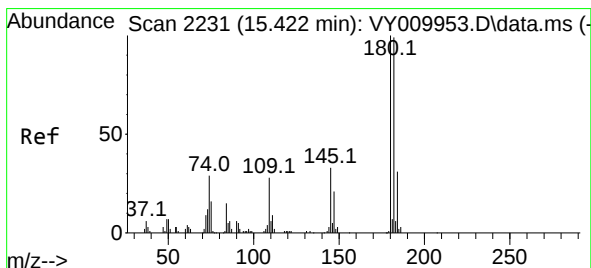
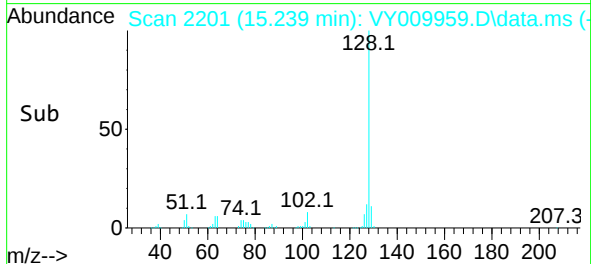
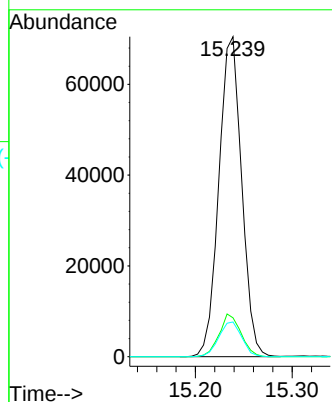
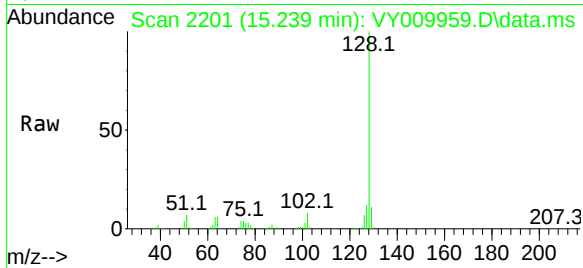




#95
Naphthalene
Concen: 51.290 ug/l
RT: 15.239 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 115112
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 49.022 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY009959.D
Acq: 11 Aug 2022 12:38

Tgt Ion:180 Resp: 46455
Ion Ratio Lower Upper
180 100
182 94.1 47.0 141.0
145 32.3 15.6 46.7

