

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072022\
 Data File : VY009605.D
 Acq On : 20 Jul 2022 10:18
 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: Jul 21 02:11:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	256124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	388190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	350879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	180097	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	121143	50.011	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.020%	
35) Dibromofluoromethane	7.710	113	125517	51.324	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.640%	
50) Toluene-d8	10.179	98	486583	51.756	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 103.520%	
62) 4-Bromofluorobenzene	12.477	95	167374	54.942	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 109.880%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	105280	46.845	ug/l	100
3) Chloromethane	2.107	50	136230	40.904	ug/l	97
4) Vinyl Chloride	2.241	62	147070	42.228	ug/l	97
5) Bromomethane	2.643	94	102882	43.645	ug/l	98
6) Chloroethane	2.784	64	90861	42.949	ug/l	98
7) Trichlorofluoromethane	3.113	101	207770	50.344	ug/l	94
8) Diethyl Ether	3.521	74	69566	51.520	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.887	101	122065	50.580	ug/l	94
10) Methyl Iodide	4.082	142	165680	51.683	ug/l #	87
11) Tert butyl alcohol	4.942	59	54203	221.604	ug/l #	94
12) 1,1-Dichloroethene	3.863	96	118316	50.233	ug/l #	79
13) Acrolein	3.722	56	38919	224.737	ug/l	99
14) Allyl chloride	4.466	41	186916	51.301	ug/l #	90
15) Acrylonitrile	5.149	53	168677	252.934	ug/l	98
16) Acetone	3.936	43	164041	267.704	ug/l	90
17) Carbon Disulfide	4.180	76	361895	49.425	ug/l	100
18) Methyl Acetate	4.466	43	78057	45.380	ug/l #	91
19) Methyl tert-butyl Ether	5.210	73	328917	52.986	ug/l	98
20) Methylene Chloride	4.704	84	140153	44.652	ug/l #	81
21) trans-1,2-Dichloroethene	5.204	96	137450	51.560	ug/l	87
22) Diisopropyl ether	6.106	45	403592	51.874	ug/l #	93
23) Vinyl Acetate	6.051	43	1287614	262.302	ug/l #	92
24) 1,1-Dichloroethane	6.003	63	233538	51.970	ug/l	98
25) 2-Butanone	6.978	43	233011	260.686	ug/l #	87
26) 2,2-Dichloropropane	6.972	77	206293	51.245	ug/l	93
27) cis-1,2-Dichloroethene	6.972	96	155788	52.856	ug/l	85
28) Bromochloromethane	7.325	49	98646	51.235	ug/l #	78
29) Tetrahydrofuran	7.338	42	146847	250.233	ug/l #	88
30) Chloroform	7.496	83	238716	51.930	ug/l	99
31) Cyclohexane	7.777	56	209752	49.108	ug/l	91
32) 1,1,1-Trichloroethane	7.691	97	214159	51.940	ug/l	95
36) 1,1-Dichloropropene	7.911	75	184647	51.093	ug/l	96
37) Ethyl Acetate	7.063	43	97962	48.704	ug/l #	94
38) Carbon Tetrachloride	7.892	117	193743	51.213	ug/l	99
39) Methylcyclohexane	9.179	83	231687	51.994	ug/l	90
40) Benzene	8.155	78	541157	51.175	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	55238	57.232	ug/l #	41
42) 1,2-Dichloroethane	8.228	62	148459	50.046	ug/l	90
43) Isopropyl Acetate	8.264	43	184687	50.111	ug/l #	90
44) Trichloroethene	8.935	130	155046	51.555	ug/l	96
45) 1,2-Dichloropropane	9.209	63	133999	51.649	ug/l	97
46) Dibromomethane	9.301	93	78401	52.031	ug/l	96
47) Bromodichloromethane	9.490	83	183231	51.859	ug/l	98
48) Methyl methacrylate	9.289	41	84319	51.782	ug/l #	85
49) 1,4-Dioxane	9.295	88	20766	1033.902	ug/l #	88
51) 4-Methyl-2-Pentanone	10.069	43	490714	256.431	ug/l	90
52) Toluene	10.240	92	354757	52.962	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	192603	52.778	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	220369	53.109	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	110971	52.293	ug/l	98
56) Ethyl methacrylate	10.508	69	150682	55.500	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	185109	52.565	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	373824	254.445	ug/l	94
59) 2-Hexanone	10.831	43	356064	267.523	ug/l	88
60) Dibromochloromethane	10.983	129	136765	53.260	ug/l	99
61) 1,2-Dibromoethane	11.087	107	109189	52.737	ug/l	100
64) Tetrachloroethene	10.715	164	145718	53.065	ug/l	99
65) Chlorobenzene	11.514	112	376548	52.517	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	140537	52.755	ug/l	97
67) Ethyl Benzene	11.593	91	669996	53.129	ug/l	96
68) m/p-Xylenes	11.703	106	534416	106.482	ug/l	91
69) o-Xylene	12.026	106	253931	54.066	ug/l	91
70) Styrene	12.044	104	429826	55.023	ug/l	94
71) Bromoform	12.203	173	90370	53.756	ug/l #	99
73) Isopropylbenzene	12.325	105	665059	53.336	ug/l	99
74) N-amyl acetate	12.142	43	172981	52.161	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	126515	50.663	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	166473	97.034	ug/l #	100
77) Bromobenzene	12.605	156	165120	52.660	ug/l	90
78) n-propylbenzene	12.672	91	800969	53.159	ug/l	97
79) 2-Chlorotoluene	12.751	91	443872	53.134	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	554848	53.850	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	45646	52.462	ug/l #	85
82) 4-Chlorotoluene	12.855	91	462211	53.333	ug/l	96
83) tert-Butylbenzene	13.074	119	492580	53.810	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	551318	53.503	ug/l	97
85) sec-Butylbenzene	13.251	105	725496	53.455	ug/l	99
86) p-Isopropyltoluene	13.367	119	615780	53.988	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	325758	52.518	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	319412	51.936	ug/l	98
89) n-Butylbenzene	13.696	91	570397	54.758	ug/l	98
90) Hexachloroethane	13.958	117	115170	52.412	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	285516	52.691	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	20538	54.061	ug/l	71
93) 1,2,4-Trichlorobenzene	15.007	180	187519	55.136	ug/l	98
94) Hexachlorobutadiene	15.111	225	108227	53.641	ug/l	99
95) Naphthalene	15.233	128	371903	57.275	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	165506	55.399	ug/l	99

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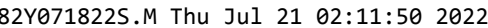
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

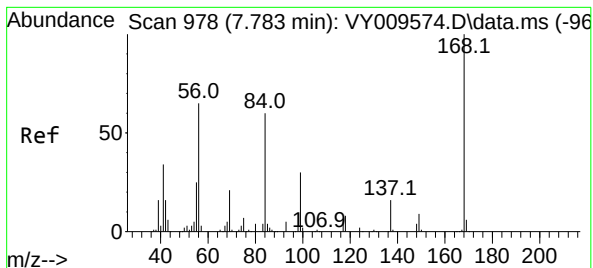
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Quant Title : SW846 8260
QLast Update : Tue Jul 19 04:22:09 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.000 min

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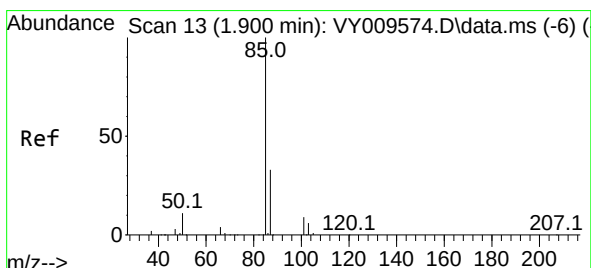
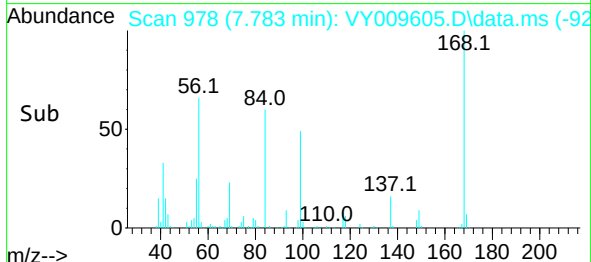
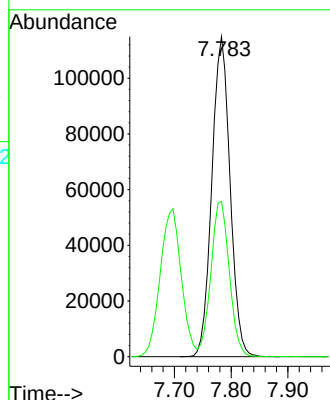
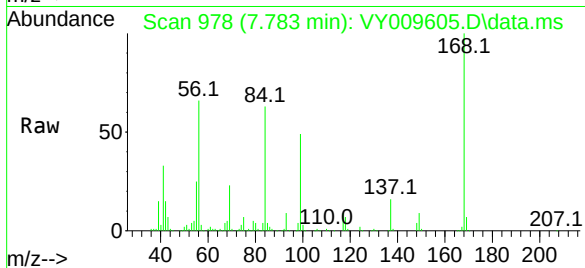
VSTDCCC050

Tgt Ion:168 Resp: 256124

Ion Ratio Lower Upper

168 100

99 48.5 46.9 70.3



#2

Dichlorodifluoromethane

Concen: 46.845 ug/l

RT: 1.900 min Scan# 13

Delta R.T. -0.000 min

Lab File: VY009605.D

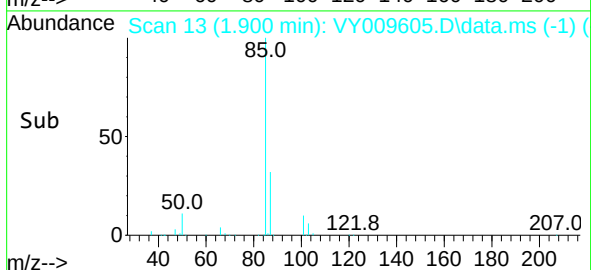
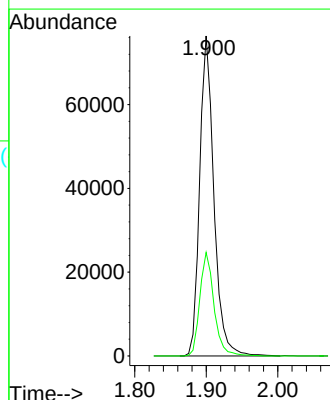
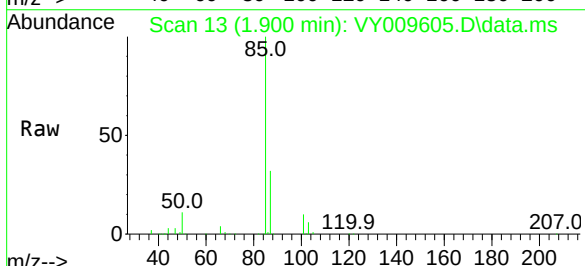
Acq: 20 Jul 2022 10:18

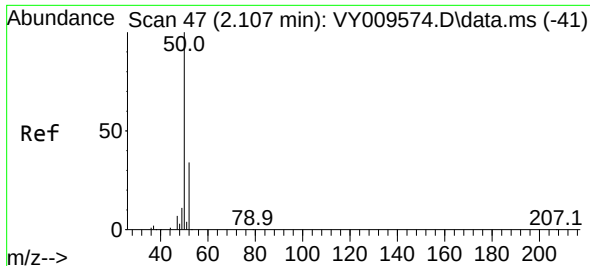
Tgt Ion: 85 Resp: 105280

Ion Ratio Lower Upper

85 100

87 32.3 16.1 48.2

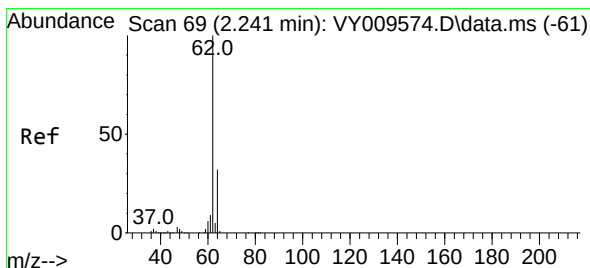
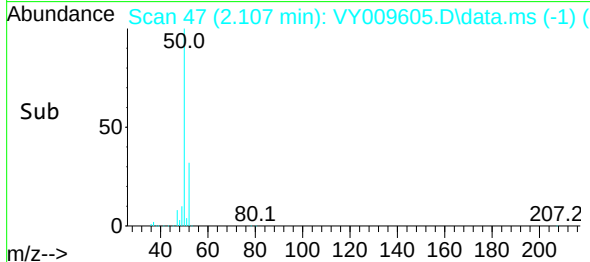
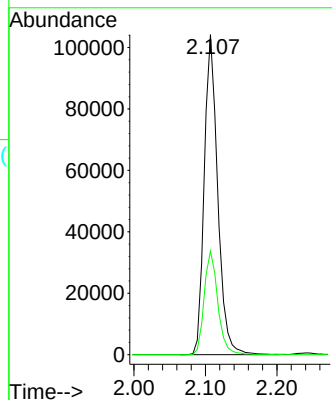
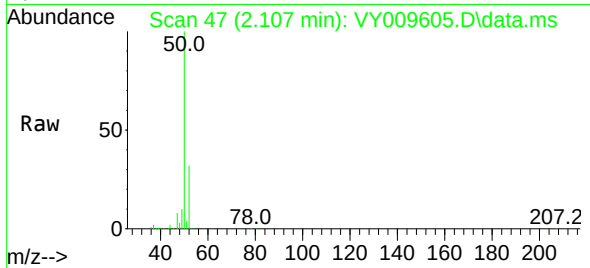




#3
Chloromethane
Concen: 40.904 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009605.D
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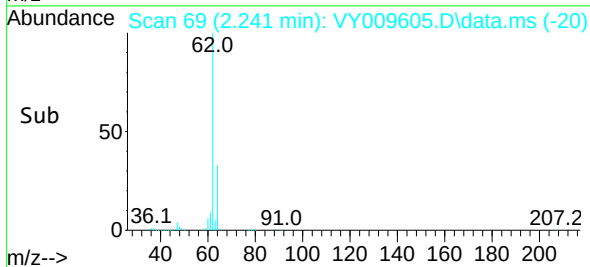
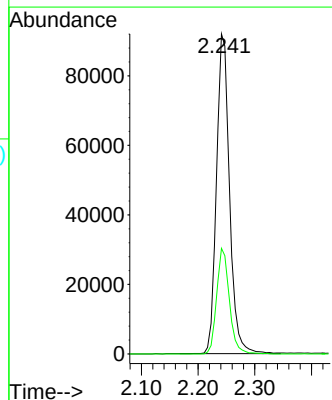
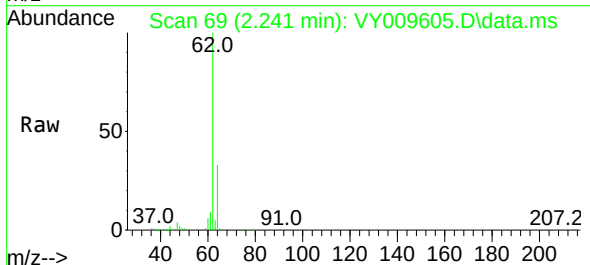
Instrument :
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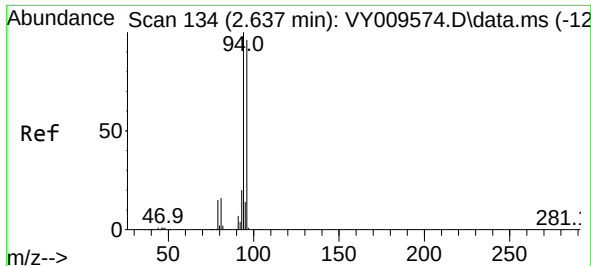
Tgt Ion: 50 Resp: 136230
Ion Ratio Lower Upper
50 100
52 32.4 24.6 37.0



#4
Vinyl Chloride
Concen: 42.228 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.000 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

Tgt Ion: 62 Resp: 147070
Ion Ratio Lower Upper
62 100
64 33.0 25.0 37.6

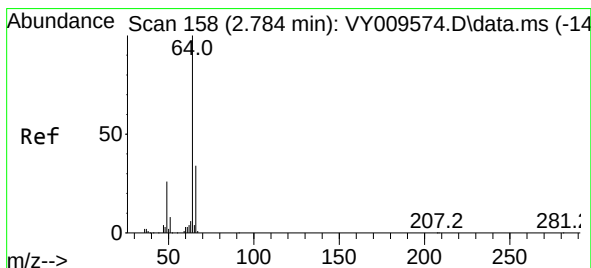
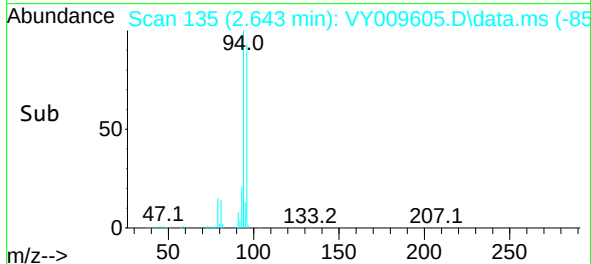
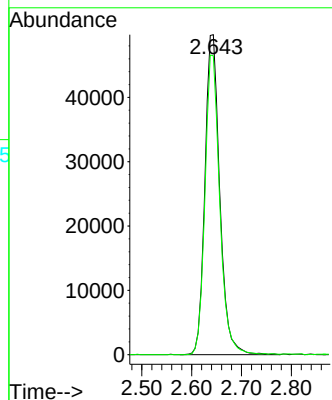
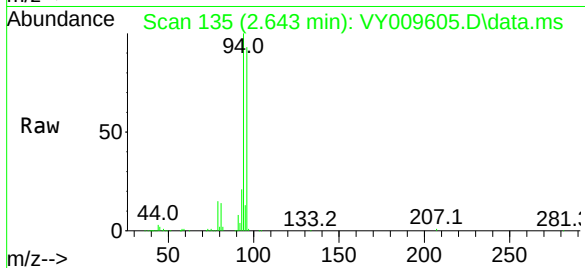




#5
Bromomethane
Concen: 43.645 ug/l
RT: 2.643 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

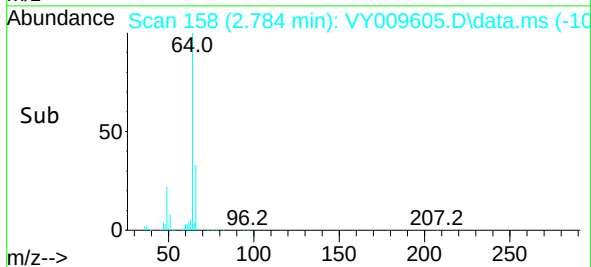
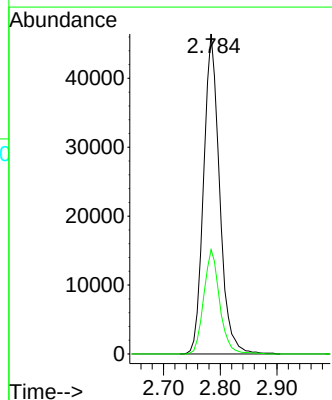
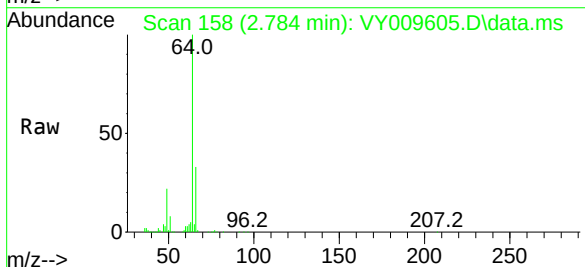
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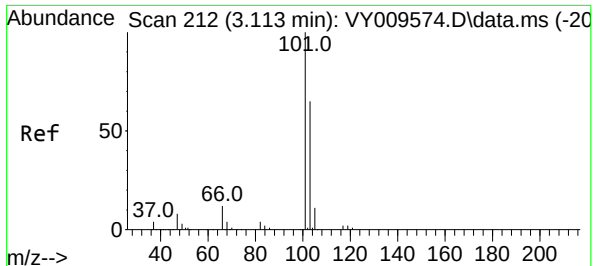
Tgt Ion: 94 Resp: 102882
Ion Ratio Lower Upper
94 100
96 93.4 73.5 110.3



#6
Chloroethane
Concen: 42.949 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

Tgt Ion: 64 Resp: 90861
Ion Ratio Lower Upper
64 100
66 32.6 25.4 38.0

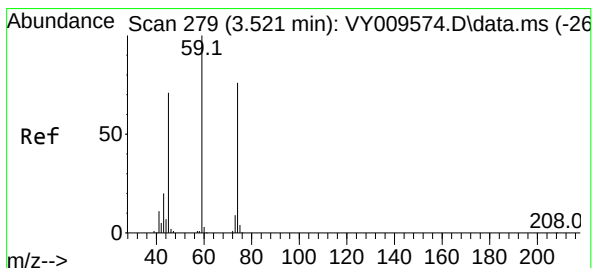
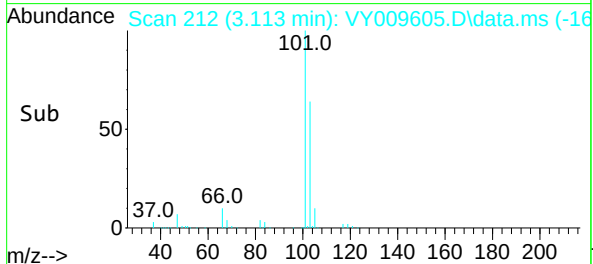
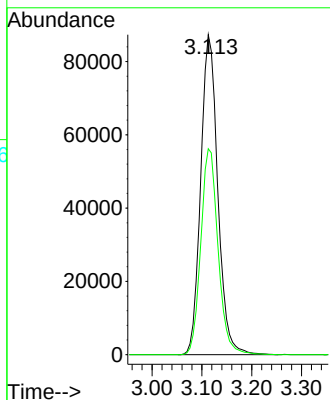
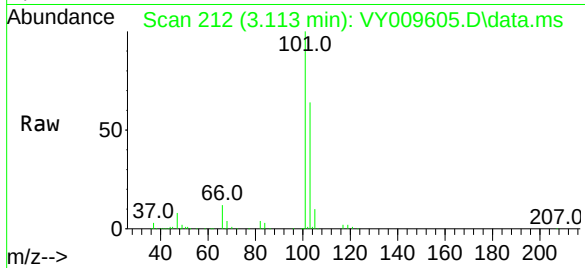




#7
Trichlorofluoromethane
Concen: 50.344 ug/l
RT: 3.113 min Scan# 212
Delta R.T. -0.000 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

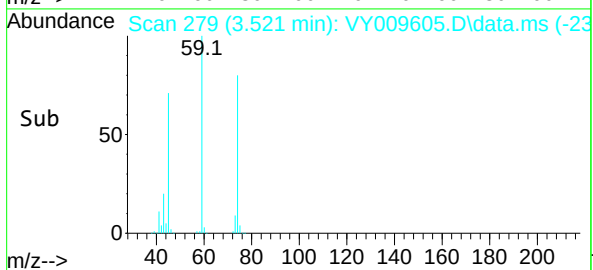
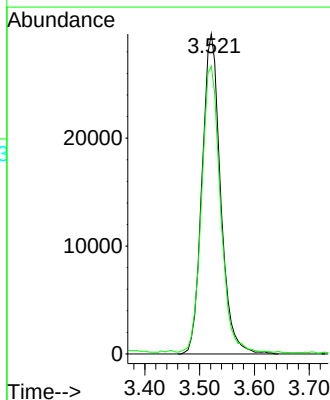
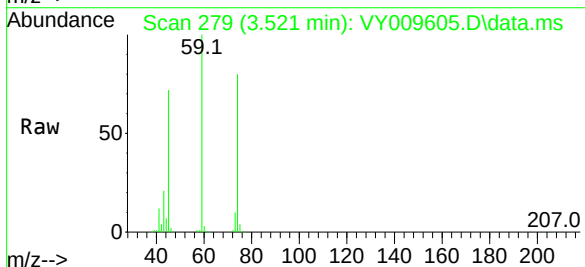
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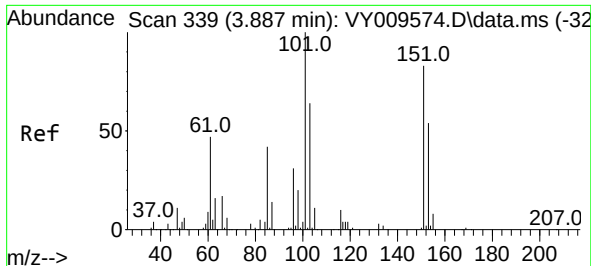
Tgt Ion:101 Resp: 207770
Ion Ratio Lower Upper
101 100
103 64.4 48.0 72.0



#8
Diethyl Ether
Concen: 51.520 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 69566
Ion Ratio Lower Upper
74 100
45 90.7 55.1 165.5

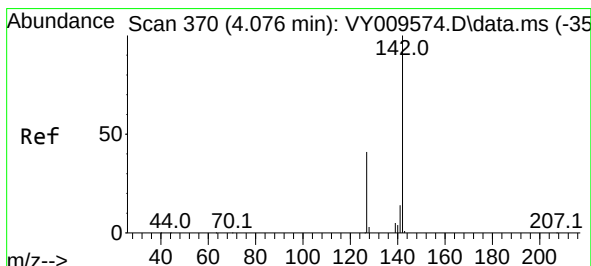
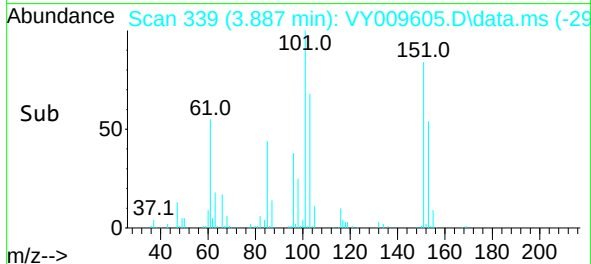
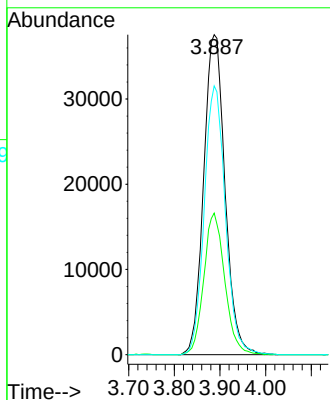
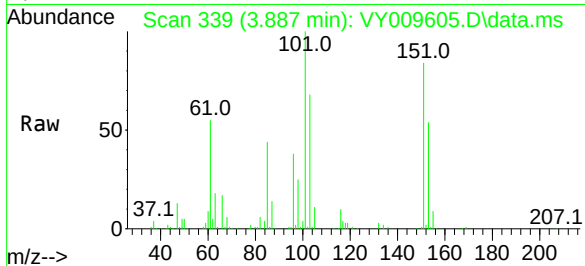




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.580 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.000 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

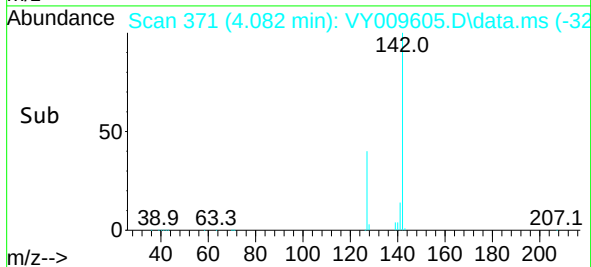
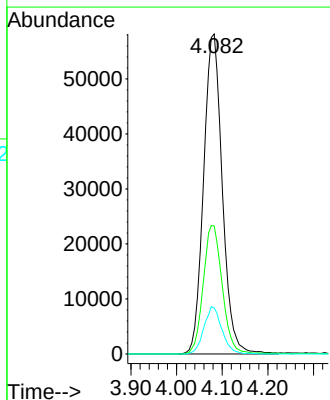
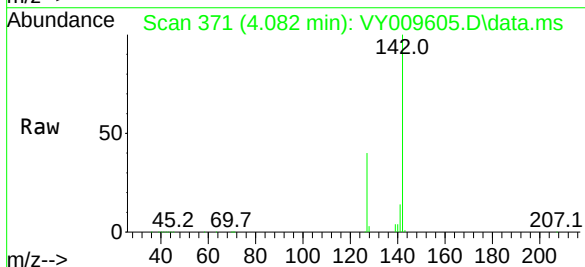
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

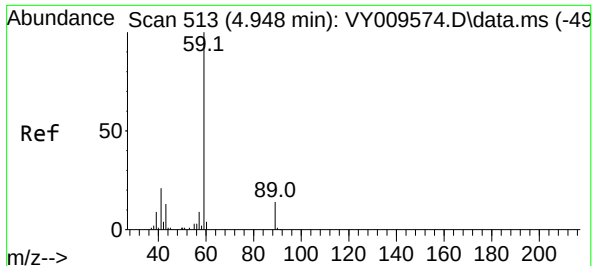
Tgt Ion:101 Resp: 122065
Ion Ratio Lower Upper
101 100
85 43.4 40.6 60.8
151 83.3 64.9 97.3



#10
Methyl Iodide
Concen: 51.683 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.006 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

Tgt Ion:142 Resp: 165680
Ion Ratio Lower Upper
142 100
127 40.6 41.5 62.3#
141 14.1 11.9 17.9

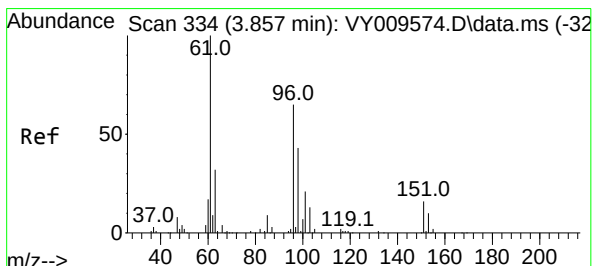
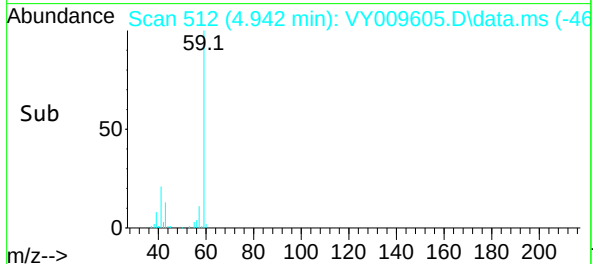
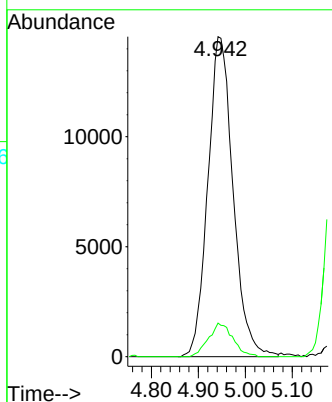
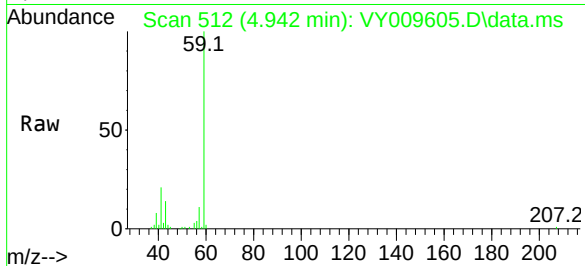




#11
Tert butyl alcohol
Concen: 221.604 ug/l
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

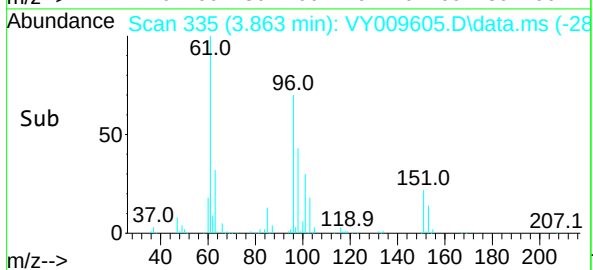
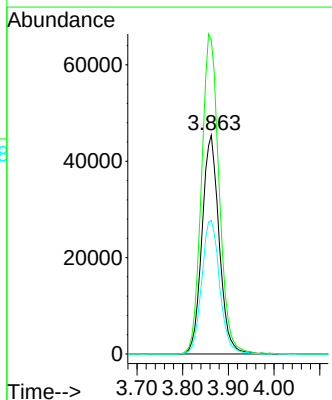
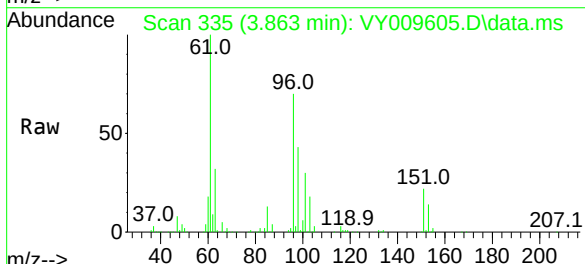
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

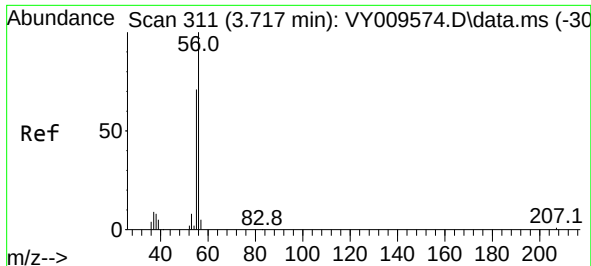
Tgt Ion: 59 Resp: 54203
Ion Ratio Lower Upper
59 100
57 10.1 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 50.233 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.006 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

Tgt Ion: 96 Resp: 118316
Ion Ratio Lower Upper
96 100
61 143.4 145.8 218.6#
98 61.1 52.5 78.7

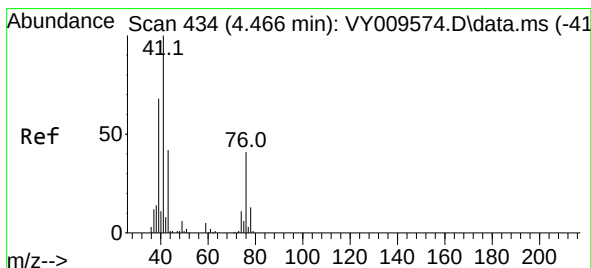
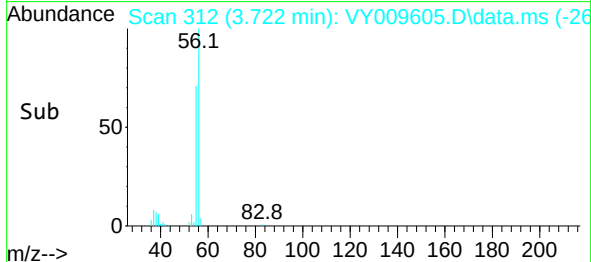
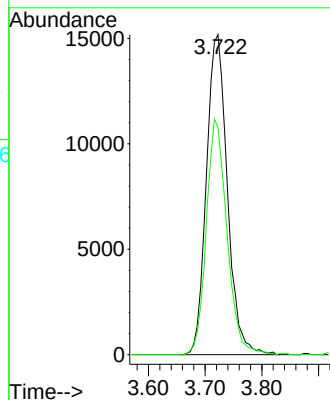
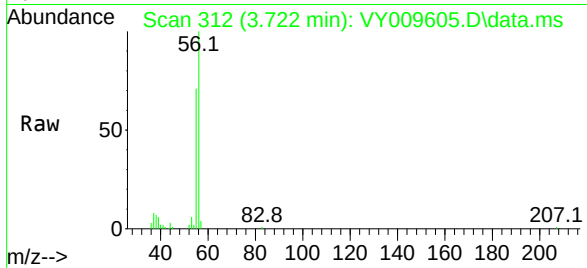




#13
Acrolein
Concen: 224.737 ug/l
RT: 3.722 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

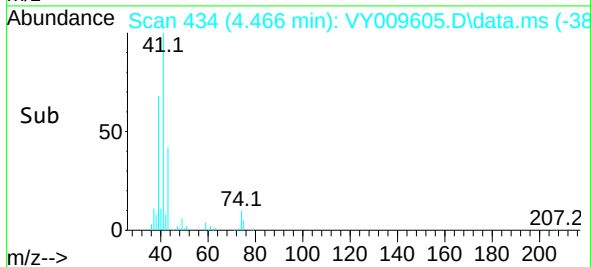
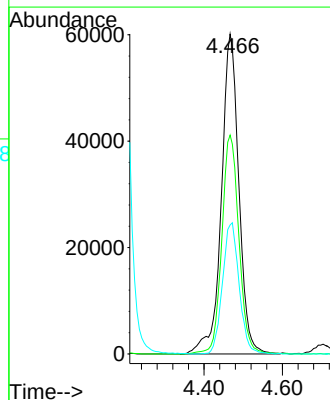
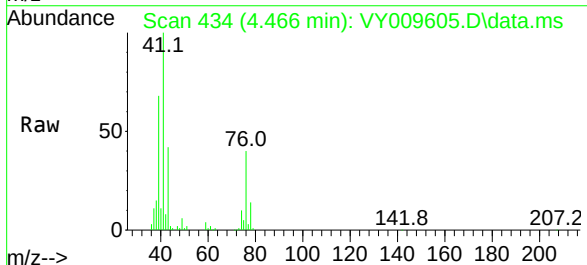
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

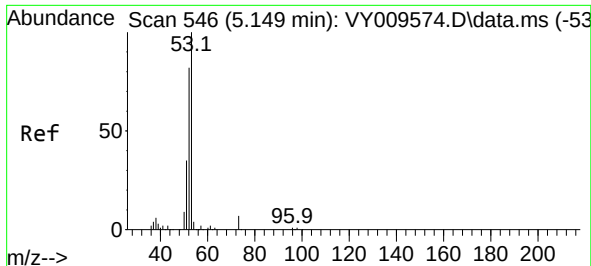
Tgt Ion: 56 Resp: 38919
Ion Ratio Lower Upper
56 100
55 72.7 57.6 86.4



#14
Allyl chloride
Concen: 51.301 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.000 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

Tgt Ion: 41 Resp: 186916
Ion Ratio Lower Upper
41 100
39 66.7 58.8 88.2
76 39.1 25.1 37.7#

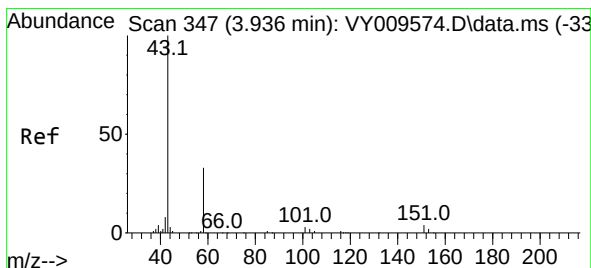
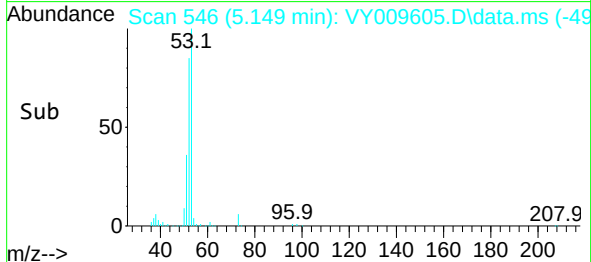
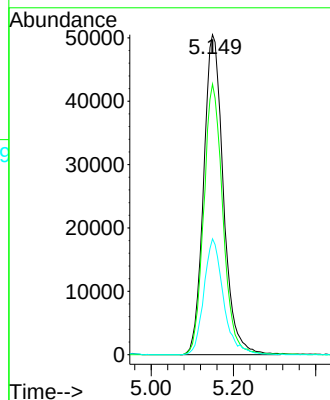
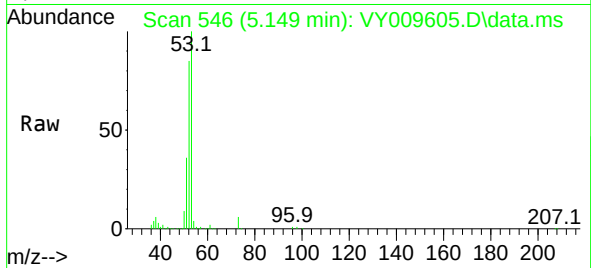




#15
Acrylonitrile
Concen: 252.934 ug/l
RT: 5.149 min Scan# 546
Delta R.T. -0.000 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

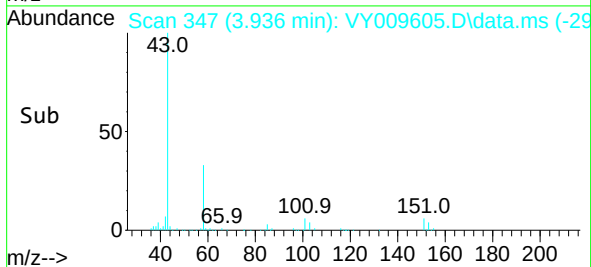
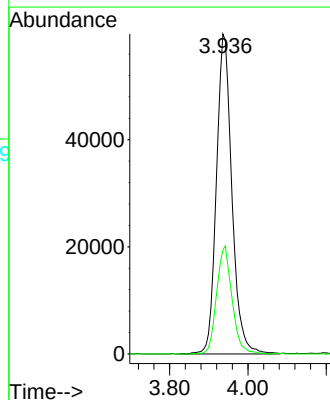
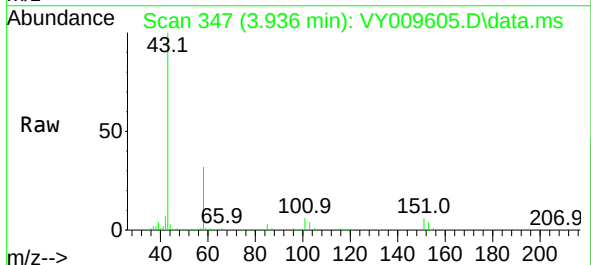
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

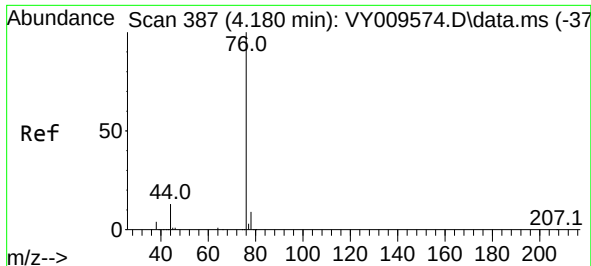
Tgt Ion: 53 Resp: 168677
Ion Ratio Lower Upper
53 100
52 81.6 67.0 100.4
51 35.9 29.8 44.6



#16
Acetone
Concen: 267.704 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

Tgt Ion: 43 Resp: 164041
Ion Ratio Lower Upper
43 100
58 32.5 22.0 33.0

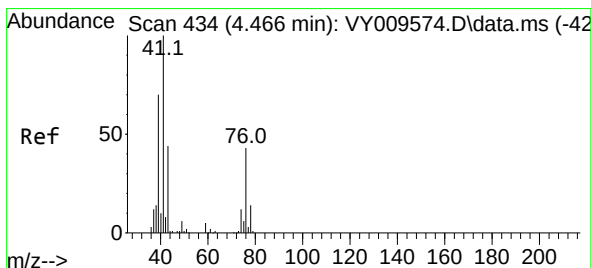
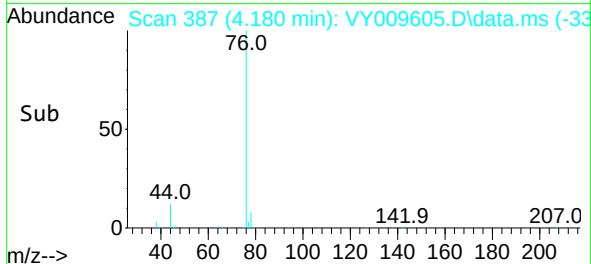
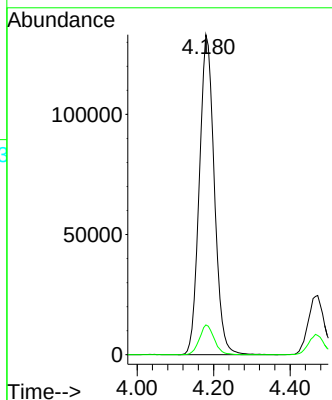
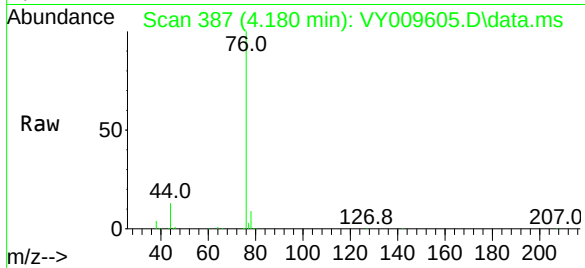




#17
Carbon Disulfide
Concen: 49.425 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.000 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

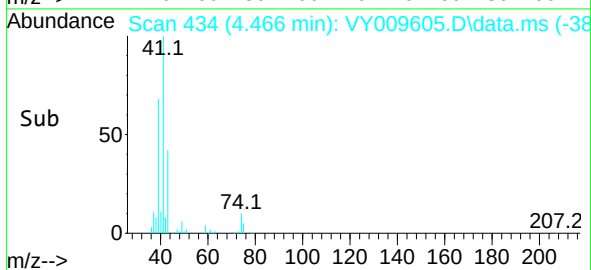
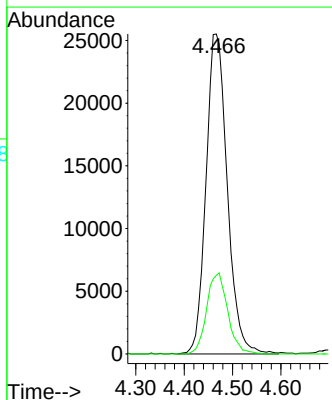
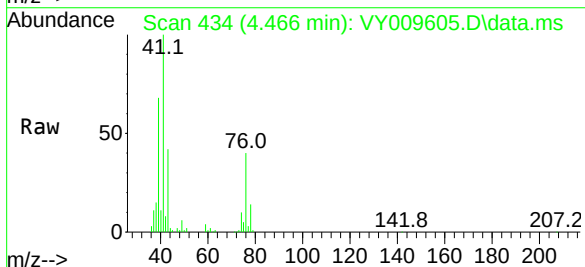
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

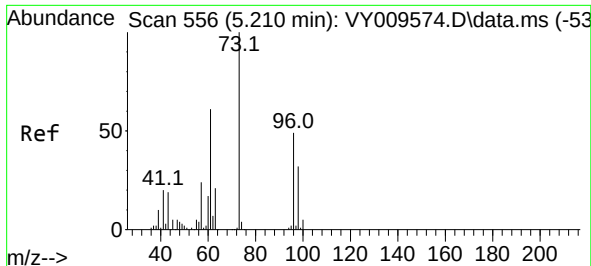
Tgt Ion: 76 Resp: 361895
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 45.380 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.000 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

Tgt Ion: 43 Resp: 78057
Ion Ratio Lower Upper
43 100
74 25.0 16.6 24.8#

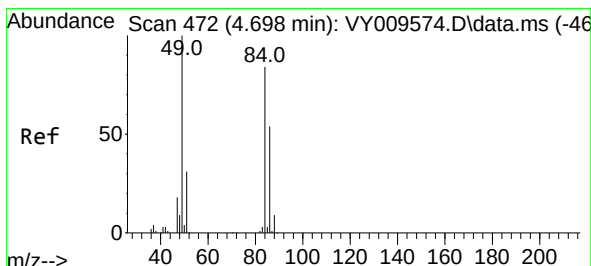
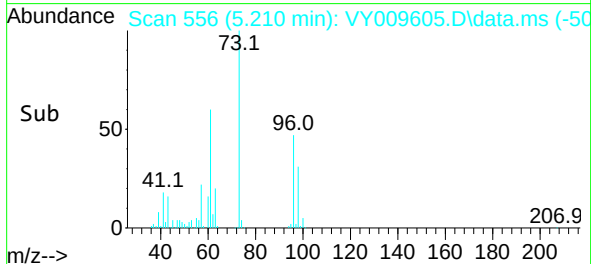
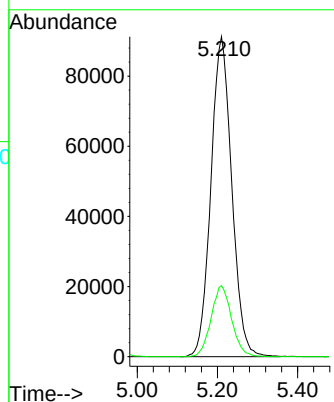
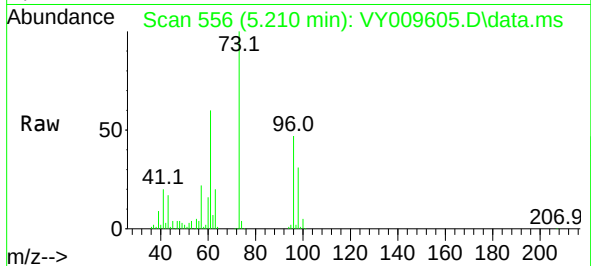




#19
Methyl tert-butyl Ether
Concen: 52.986 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

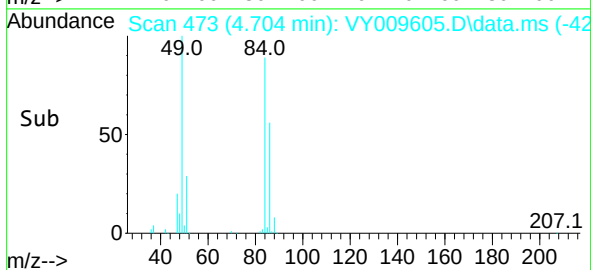
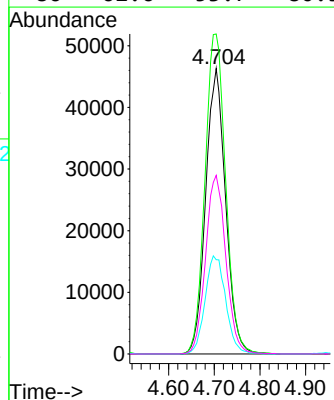
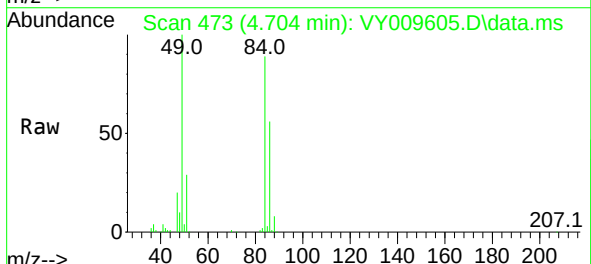
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

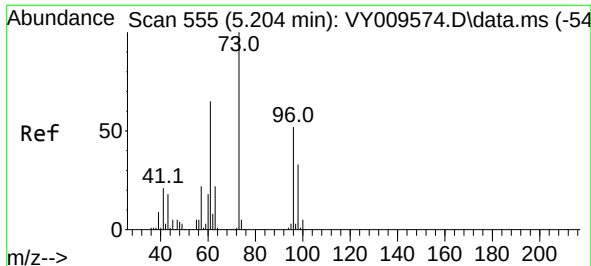
Tgt Ion: 73 Resp: 328917
Ion Ratio Lower Upper
73 100
57 22.2 18.6 27.8



#20
Methylene Chloride
Concen: 44.652 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

Tgt Ion: 84 Resp: 140153
Ion Ratio Lower Upper
84 100
49 112.1 114.4 171.6#
51 33.0 35.3 52.9#
86 62.6 53.7 80.5

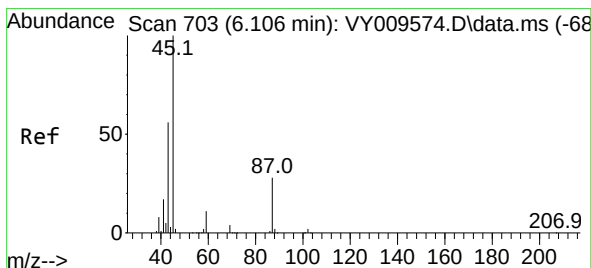
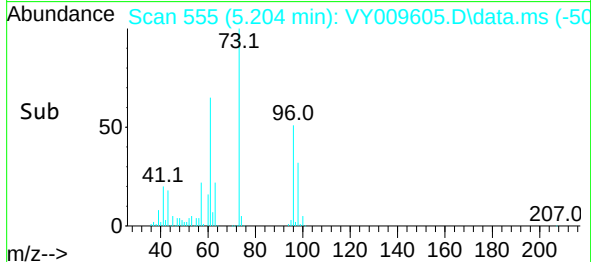
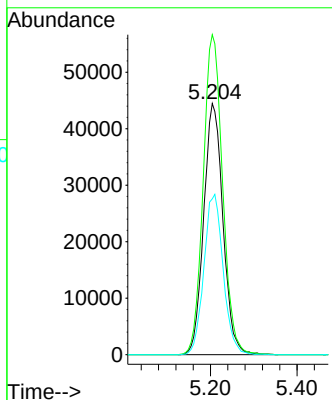
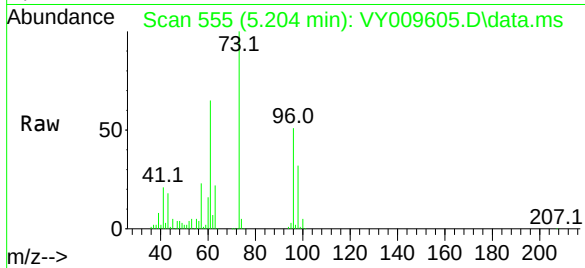




#21
trans-1,2-Dichloroethene
Concen: 51.560 ug/l
RT: 5.204 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

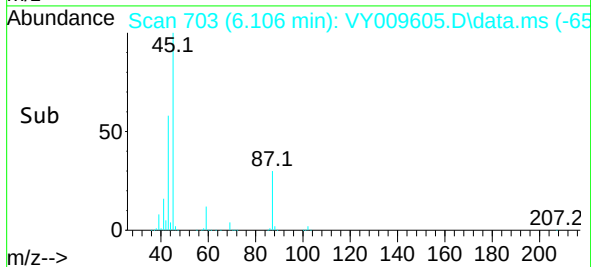
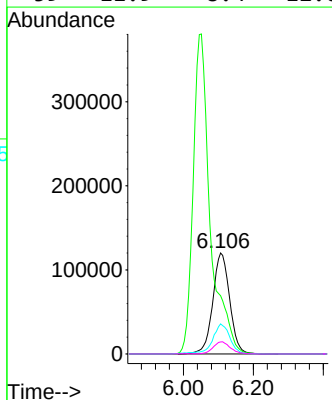
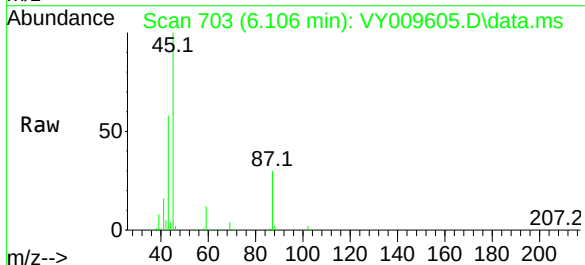
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

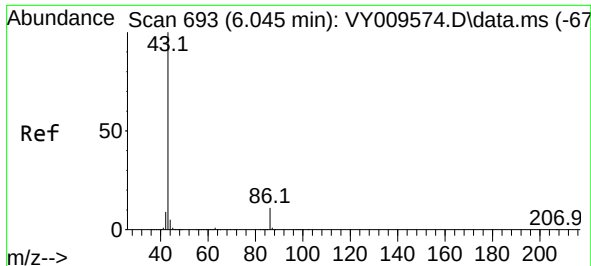
Tgt Ion: 96 Resp: 137450
Ion Ratio Lower Upper
96 100
61 127.4 120.5 180.7
98 62.0 49.8 74.8



#22
Diisopropyl ether
Concen: 51.874 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.000 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

Tgt Ion: 45 Resp: 403592
Ion Ratio Lower Upper
45 100
43 57.5 49.3 73.9
87 29.8 19.2 28.8#
59 11.9 8.4 12.6

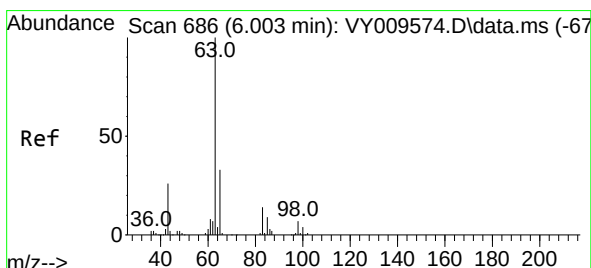
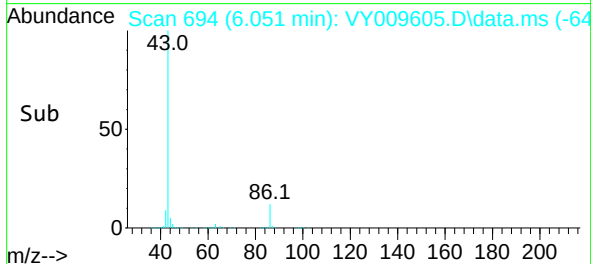
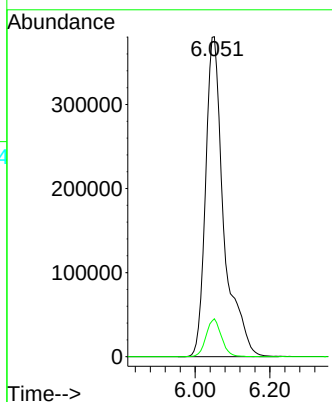
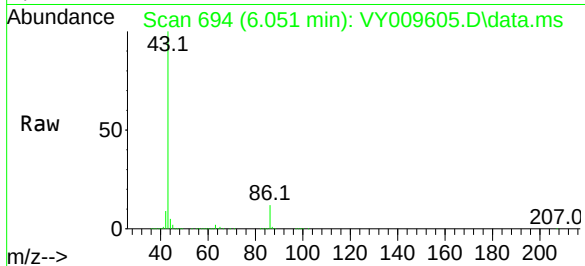




#23
 Vinyl Acetate
 Concen: 262.302 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY009605.D
 Acq: 20 Jul 2022 10:18

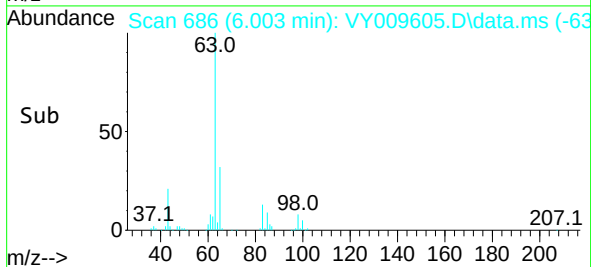
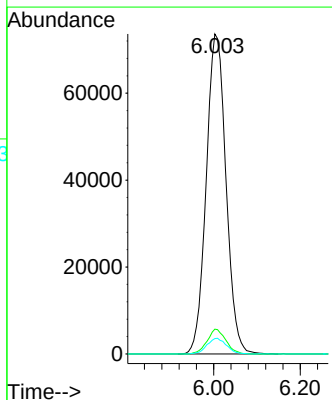
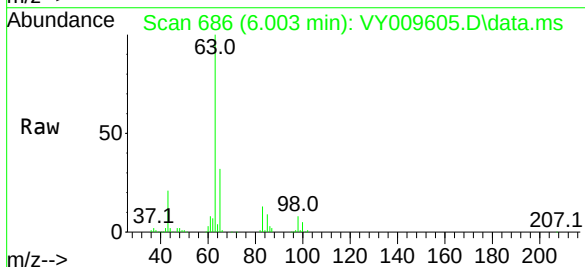
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

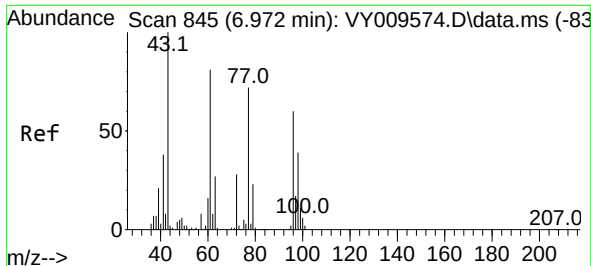
Tgt Ion: 43 Resp: 1287614
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 51.970 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.000 min
 Lab File: VY009605.D
 Acq: 20 Jul 2022 10:18

Tgt Ion: 63 Resp: 233538
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.6 10.8
 100 4.8 2.0 5.8

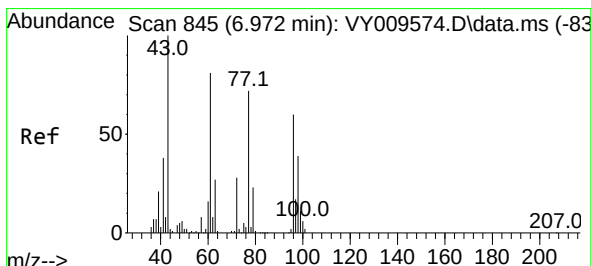
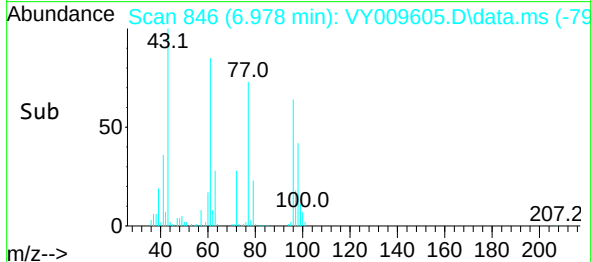
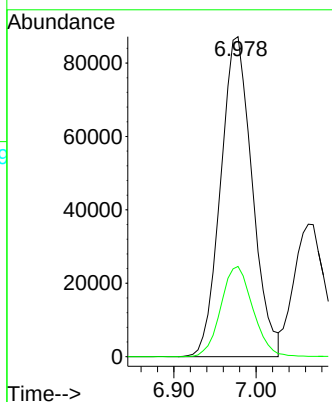
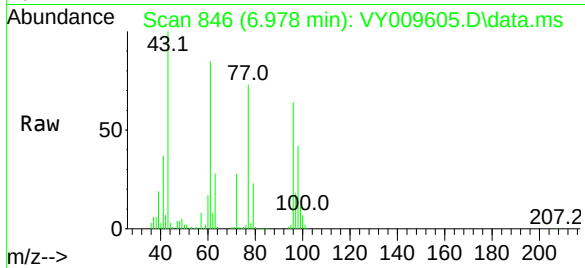




#25
2-Butanone
Concen: 260.686 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

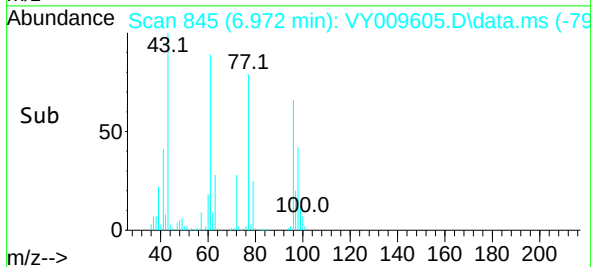
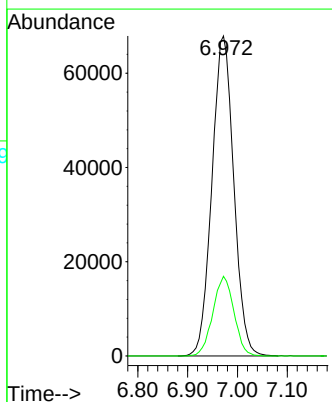
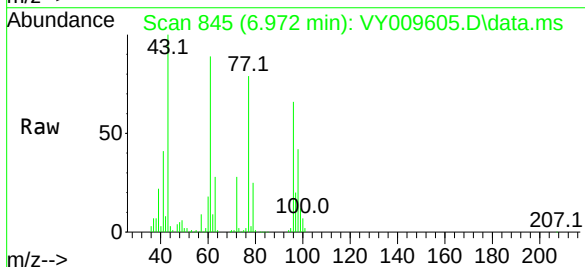
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

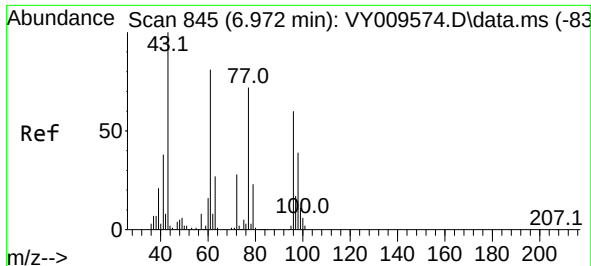
Tgt Ion: 43 Resp: 233011
Ion Ratio Lower Upper
43 100
72 28.2 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 51.245 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

Tgt Ion: 77 Resp: 206293
Ion Ratio Lower Upper
77 100
97 24.0 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 52.856 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY009605.D

Acq: 20 Jul 2022 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

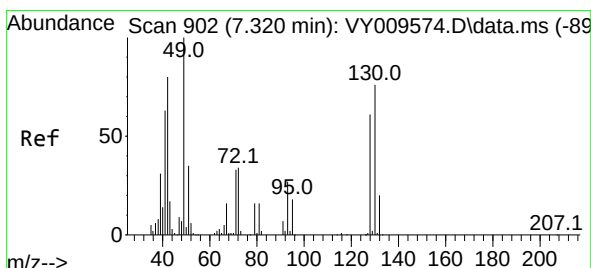
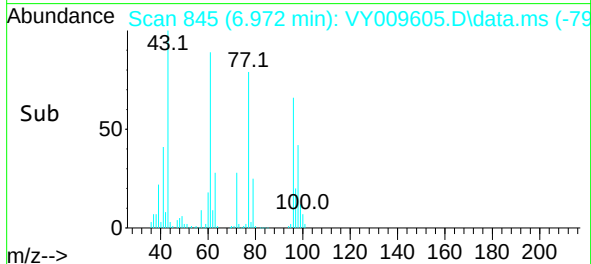
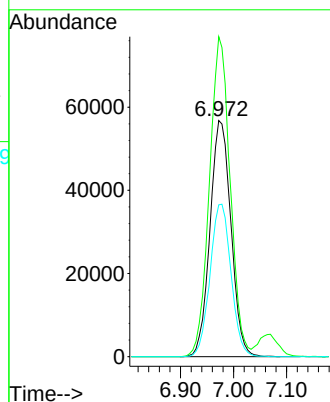
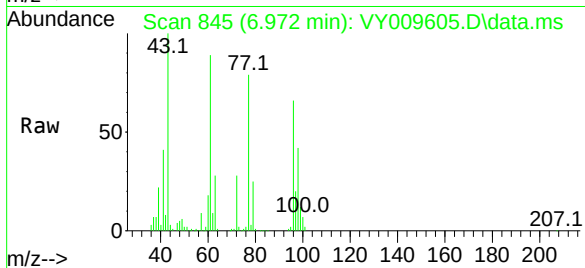
Tgt Ion: 96 Resp: 155788

Ion Ratio Lower Upper

96 100

61 134.0 0.0 319.8

98 64.8 0.0 127.0



#28

Bromochloromethane

Concen: 51.235 ug/l

RT: 7.325 min Scan# 903

Delta R.T. 0.006 min

Lab File: VY009605.D

Acq: 20 Jul 2022 10:18

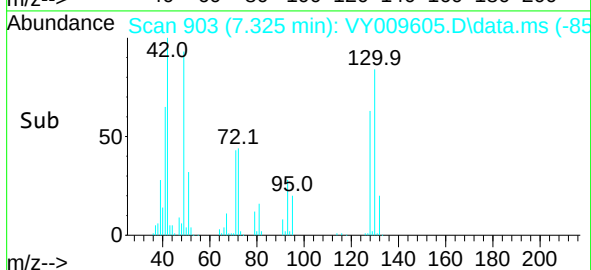
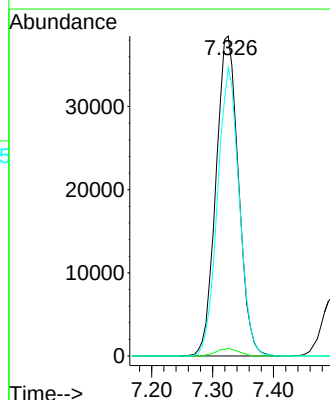
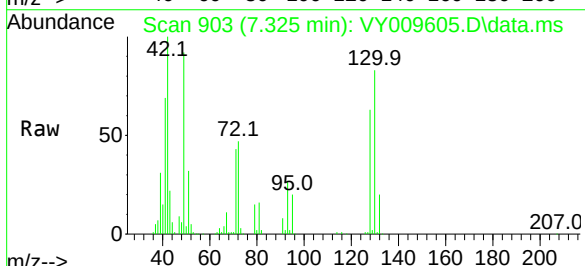
Tgt Ion: 49 Resp: 98646

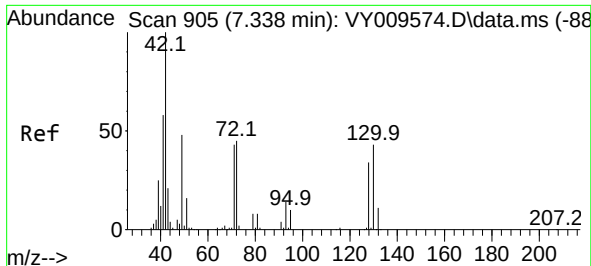
Ion Ratio Lower Upper

49 100

129 2.3 0.0 2.2#

130 87.0 55.4 83.0#

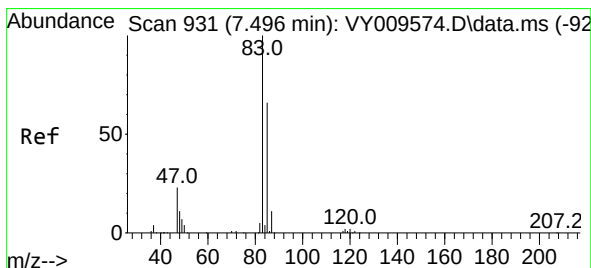
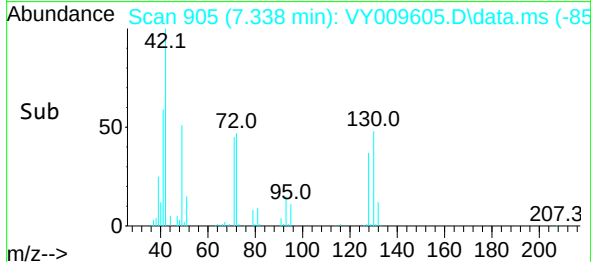
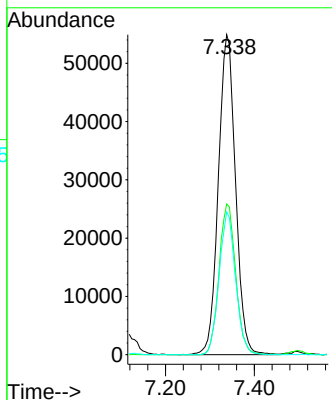
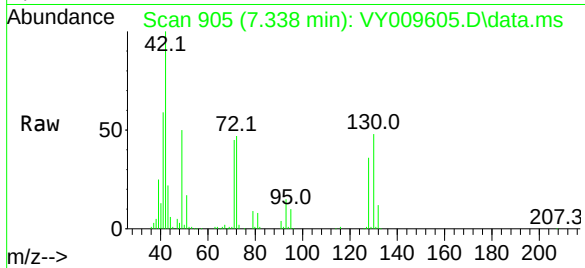




#29
Tetrahydrofuran
Concen: 250.233 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.000 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

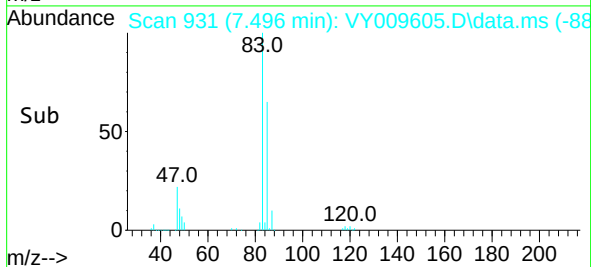
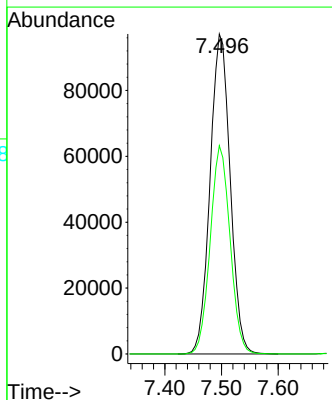
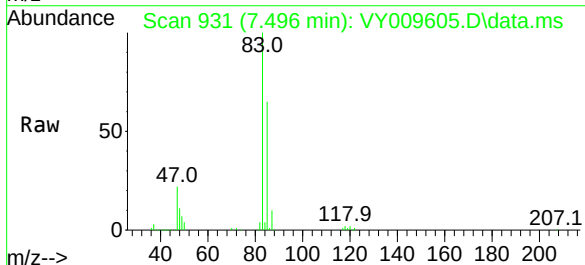
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

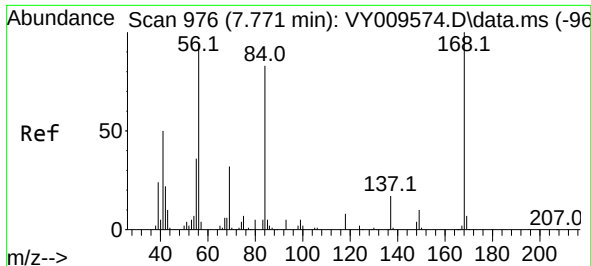
Tgt Ion: 42 Resp: 146847
Ion Ratio Lower Upper
42 100
72 45.7 30.3 45.5#
71 42.7 29.0 43.4



#30
Chloroform
Concen: 51.930 ug/l
RT: 7.496 min Scan# 931
Delta R.T. -0.000 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

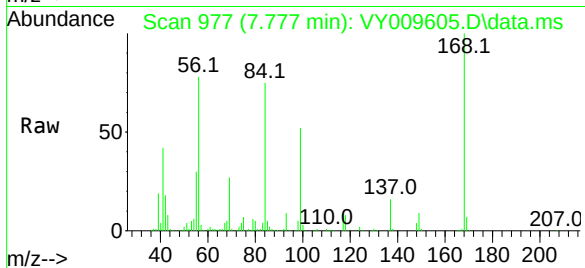
Tgt Ion: 83 Resp: 238716
Ion Ratio Lower Upper
83 100
85 65.1 51.8 77.6



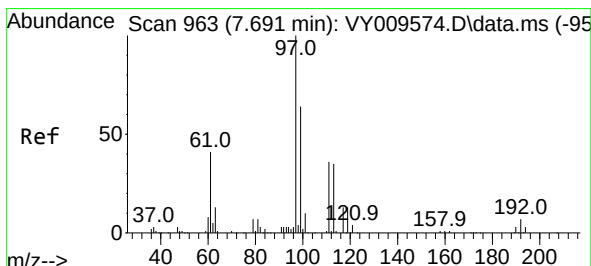
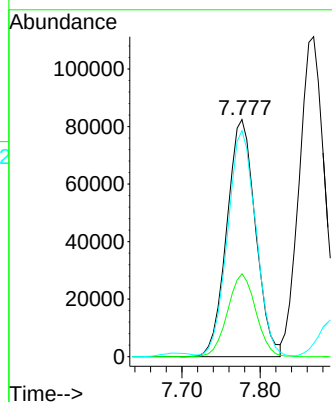
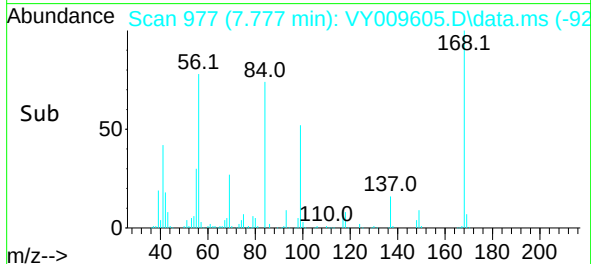


#31
Cyclohexane
Concen: 49.108 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

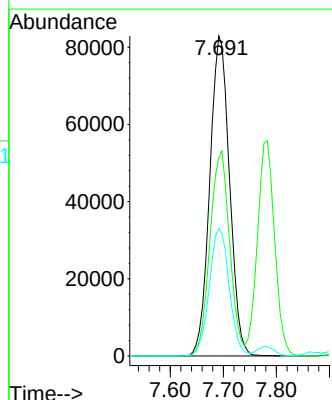
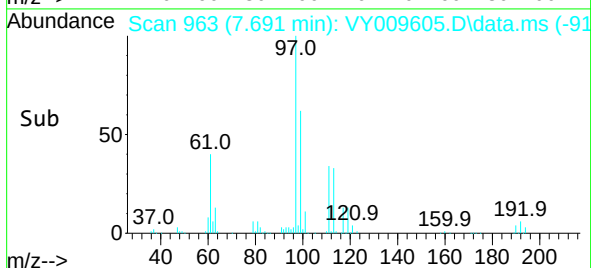
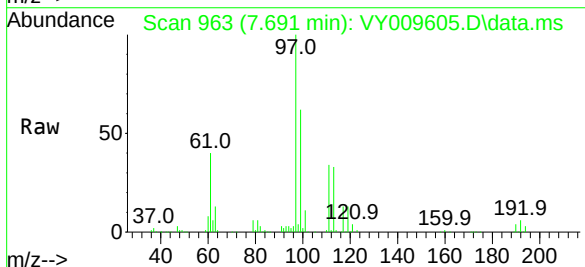


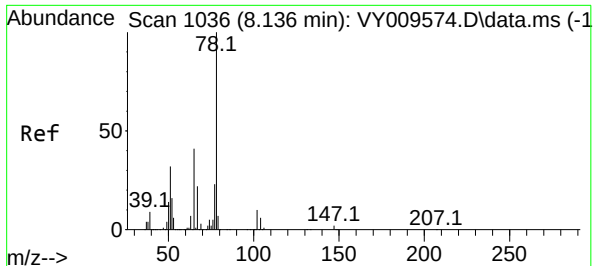
Tgt Ion: 56 Resp: 209752
Ion Ratio Lower Upper
56 100
69 35.0 26.7 40.1
84 93.9 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 51.940 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.000 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

Tgt Ion: 97 Resp: 214159
Ion Ratio Lower Upper
97 100
99 64.2 50.7 76.1
61 40.3 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 50.011 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009605.D

Acq: 20 Jul 2022 10:18

Instrument :

MSVOA_Y

ClientSampleId :

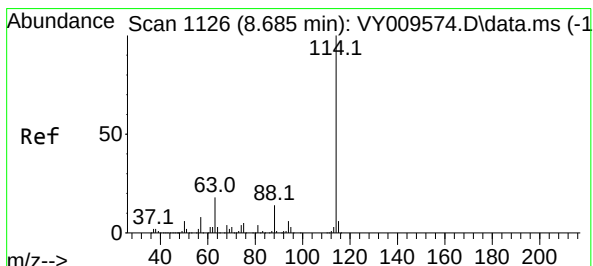
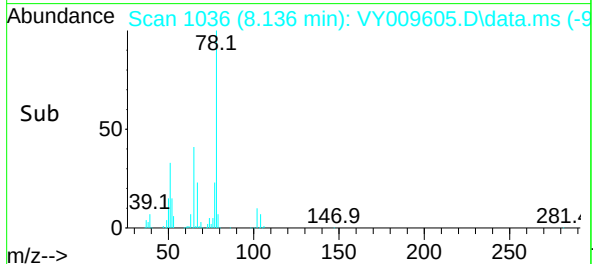
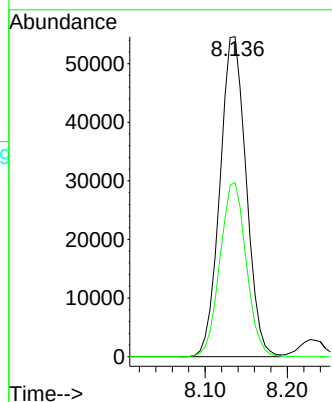
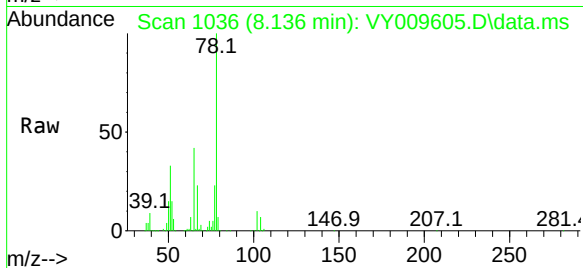
VSTDCCC050

Tgt Ion: 65 Resp: 121143

Ion Ratio Lower Upper

65 100

67 54.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009605.D

Acq: 20 Jul 2022 10:18

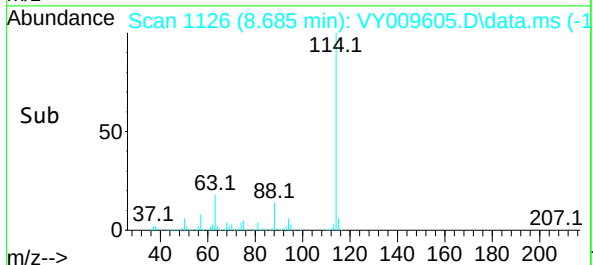
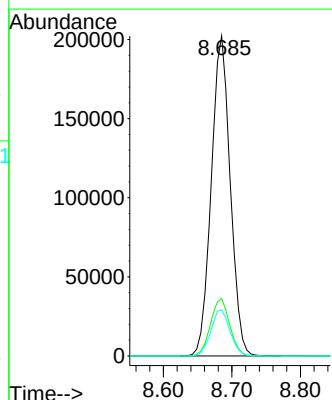
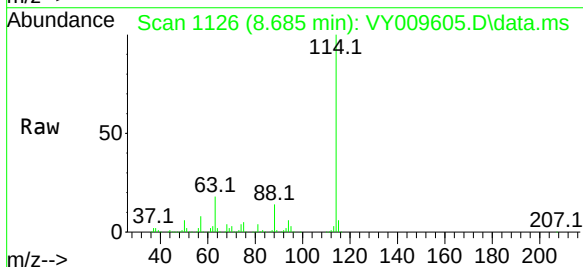
Tgt Ion: 114 Resp: 388190

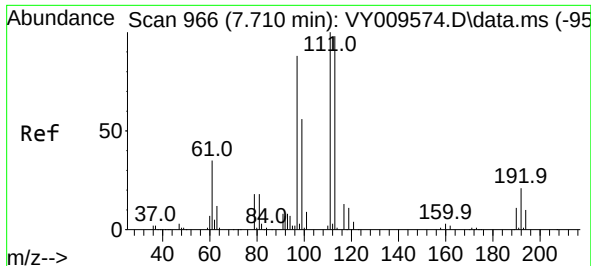
Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 14.5 0.0 31.8

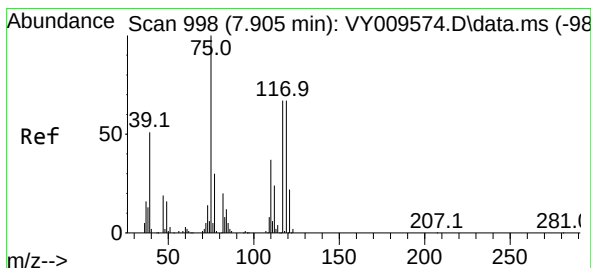
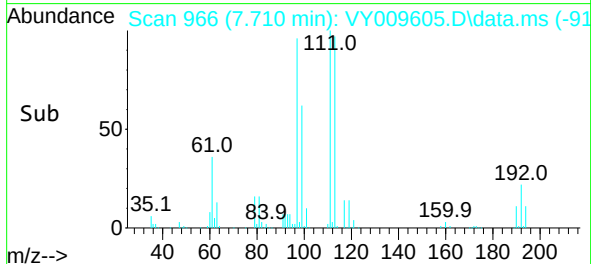
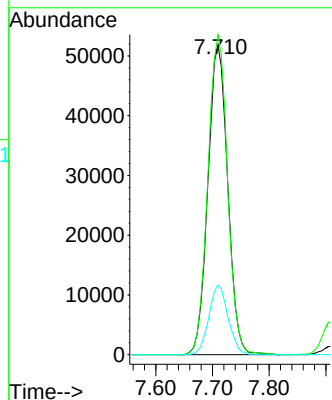
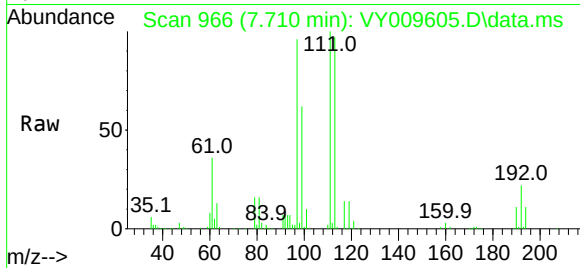




#35
Dibromofluoromethane
Concen: 51.324 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

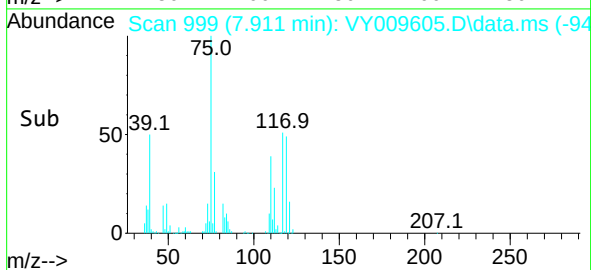
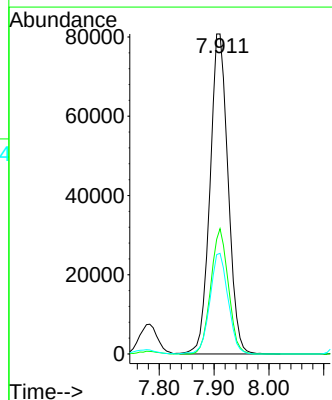
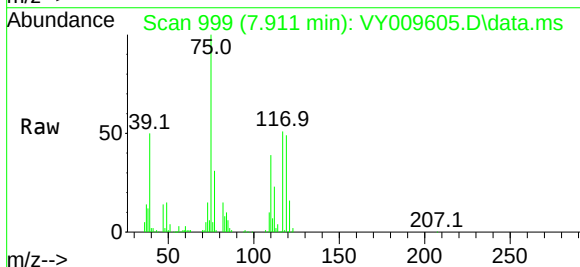
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

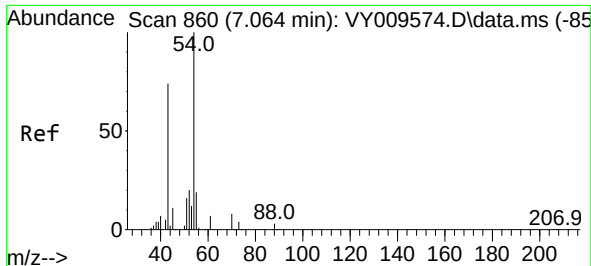
Tgt Ion:113 Resp: 125517
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 21.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 51.093 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

Tgt Ion: 75 Resp: 184647
Ion Ratio Lower Upper
75 100
110 37.8 17.1 51.2
77 31.6 24.4 36.6





#37

Ethyl Acetate

Concen: 48.704 ug/l

RT: 7.063 min Scan# 8

Delta R.T. -0.000 min

Lab File: VY009605.D

Acq: 20 Jul 2022 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

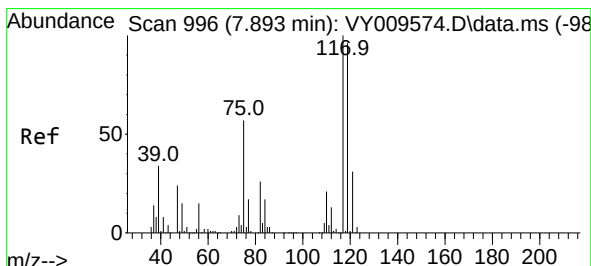
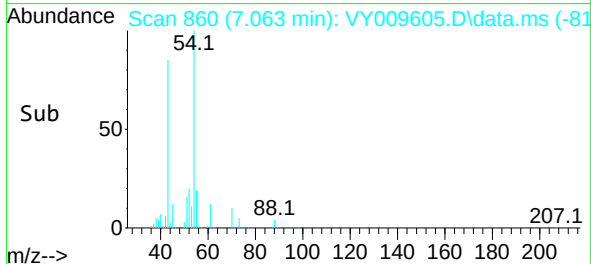
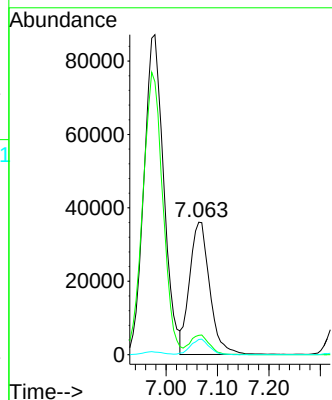
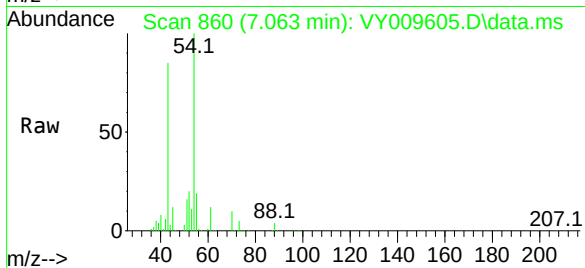
Tgt Ion: 43 Resp: 97962

Ion Ratio Lower Upper

43 100

61 14.5 9.7 14.5

70 10.9 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 51.213 ug/l

RT: 7.892 min Scan# 996

Delta R.T. -0.000 min

Lab File: VY009605.D

Acq: 20 Jul 2022 10:18

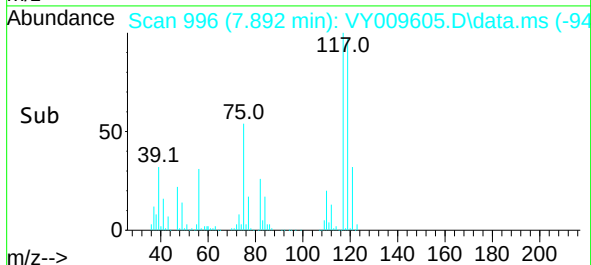
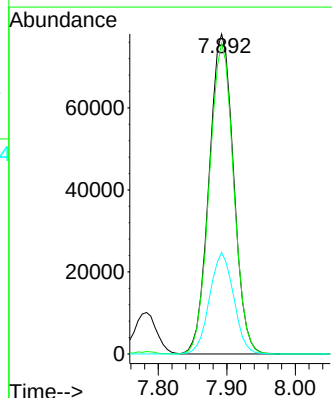
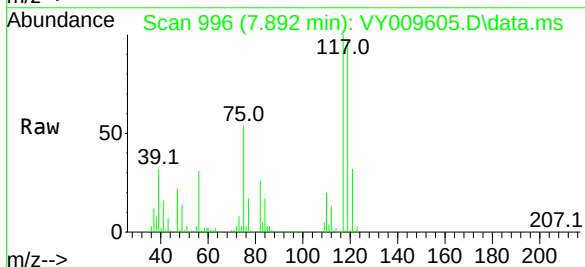
Tgt Ion: 117 Resp: 193743

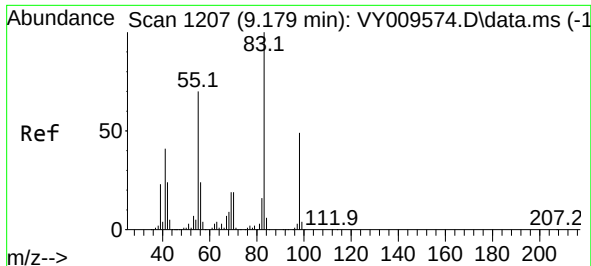
Ion Ratio Lower Upper

117 100

119 97.1 77.9 116.9

121 31.7 24.8 37.2





#39

Methylcyclohexane

Concen: 51.994 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009605.D

Acq: 20 Jul 2022 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

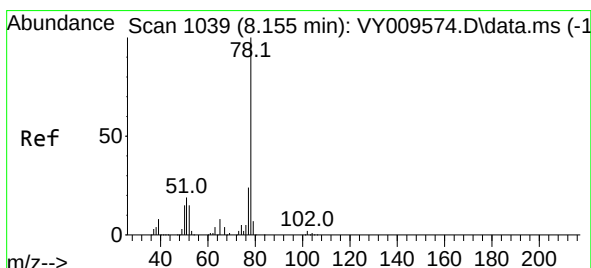
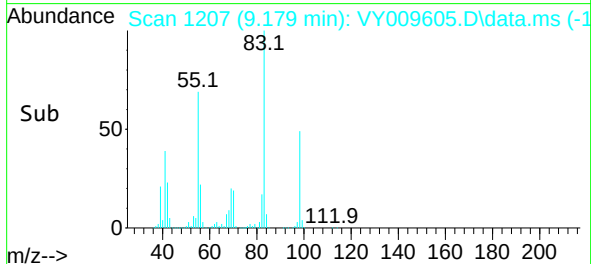
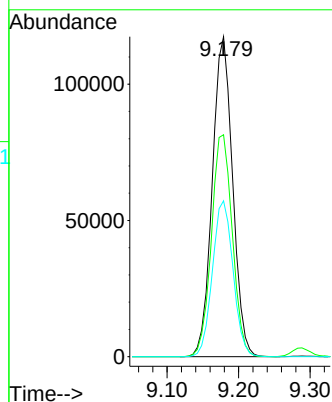
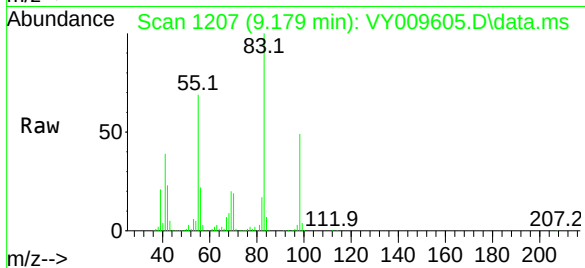
Tgt Ion: 83 Resp: 231687

Ion Ratio Lower Upper

83 100

55 69.4 66.5 99.7

98 48.7 37.9 56.9



#40

Benzene

Concen: 51.175 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY009605.D

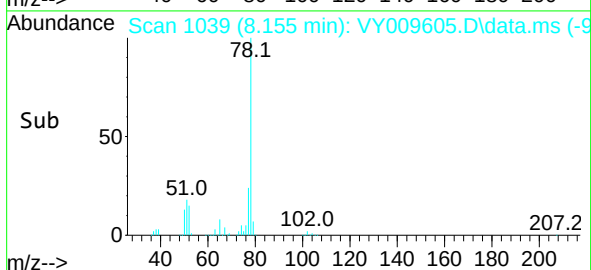
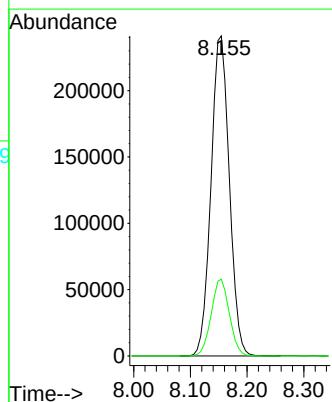
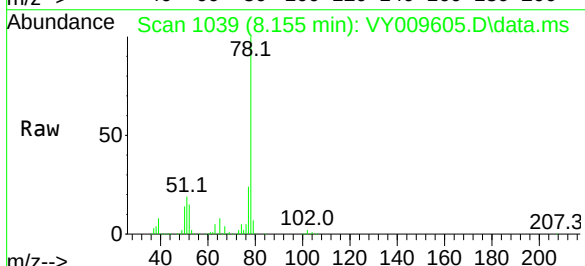
Acq: 20 Jul 2022 10:18

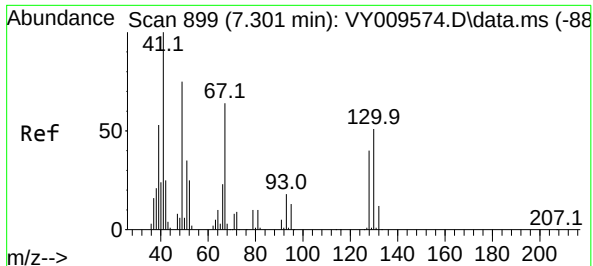
Tgt Ion: 78 Resp: 541157

Ion Ratio Lower Upper

78 100

77 24.0 20.4 30.6

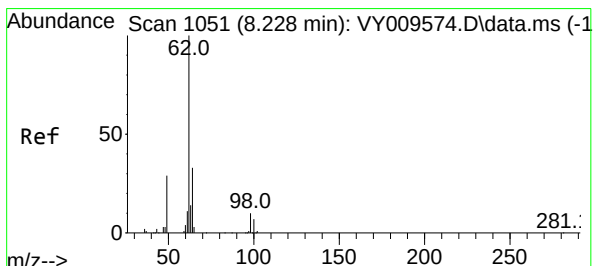
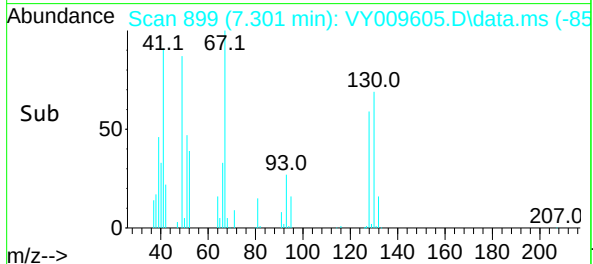
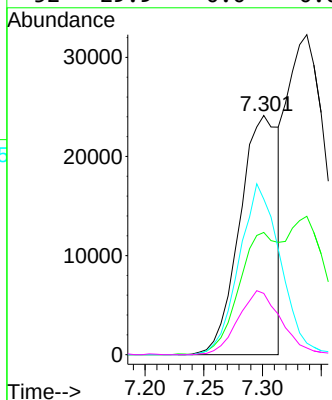
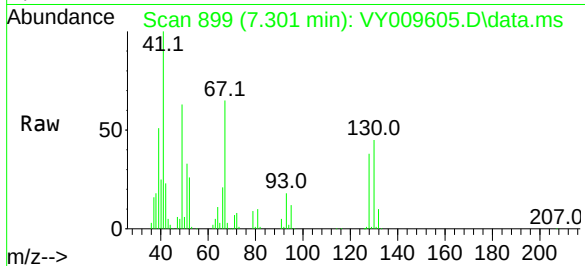




#41
Methacrylonitrile
Concen: 57.232 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.000 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

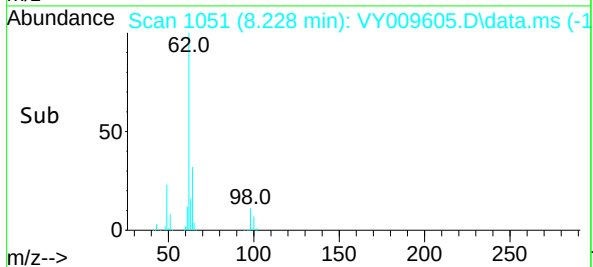
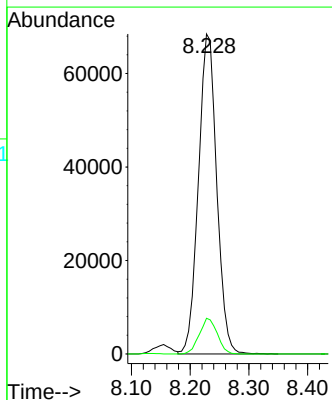
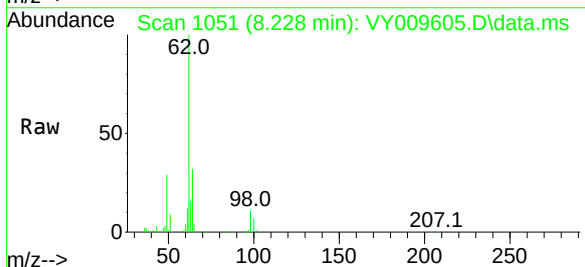
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

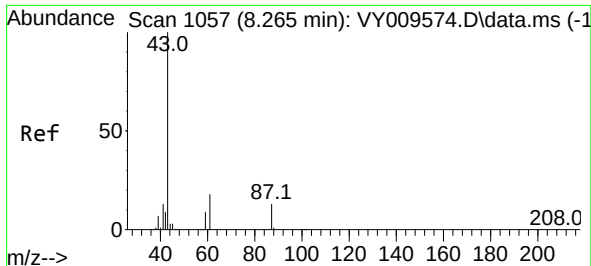
Tgt Ion: 41 Resp: 55238
Ion Ratio Lower Upper
41 100
39 51.7 92.9 139.3#
67 76.8 0.0 0.0#
52 29.9 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 50.046 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

Tgt Ion: 62 Resp: 148459
Ion Ratio Lower Upper
62 100
98 10.9 0.0 14.8

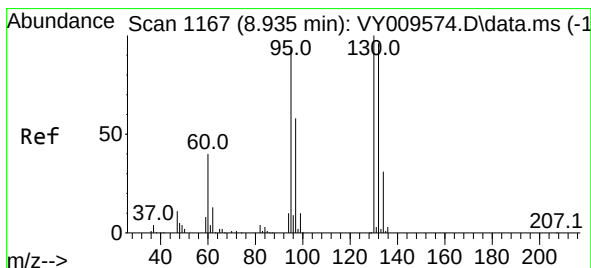
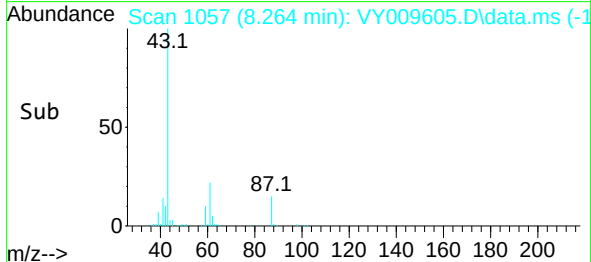
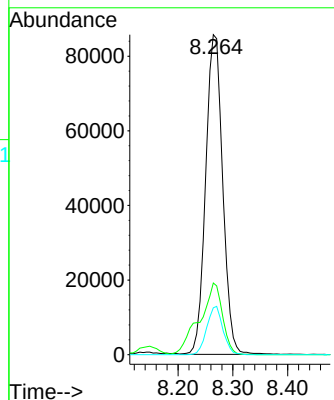
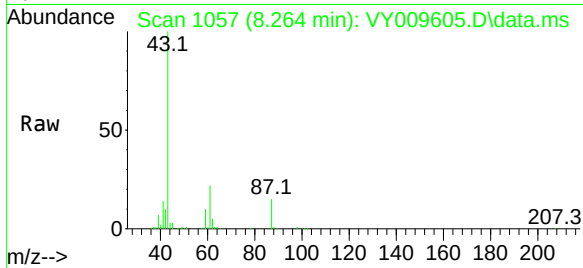




#43
Isopropyl Acetate
Concen: 50.111 ug/l
RT: 8.264 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

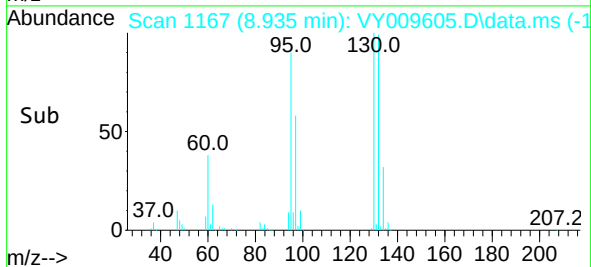
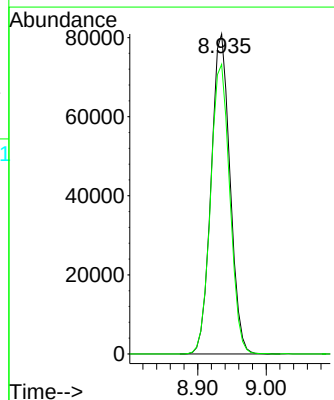
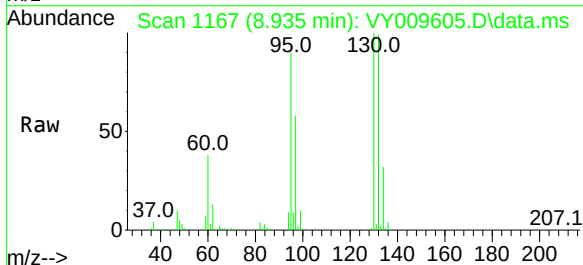
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

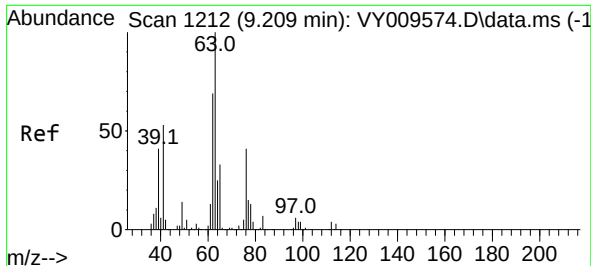
Tgt Ion: 43 Resp: 184687
Ion Ratio Lower Upper
43 100
61 30.2 20.2 30.2
87 14.3 8.9 13.3#



#44
Trichloroethene
Concen: 51.555 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

Tgt Ion:130 Resp: 155046
Ion Ratio Lower Upper
130 100
95 90.5 0.0 188.2





#45

1,2-Dichloropropane

Concen: 51.649 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY009605.D

Acq: 20 Jul 2022 10:18

Instrument :

MSVOA_Y

ClientSampleId :

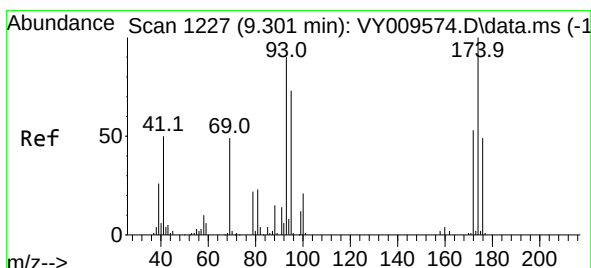
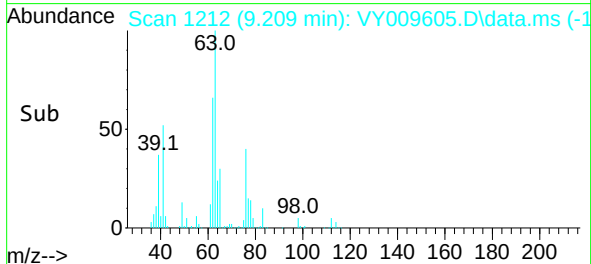
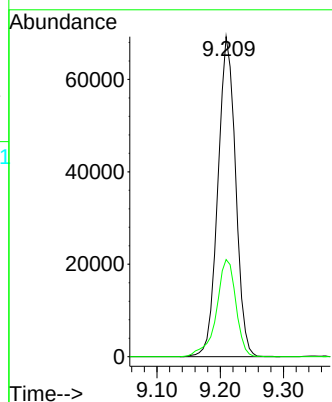
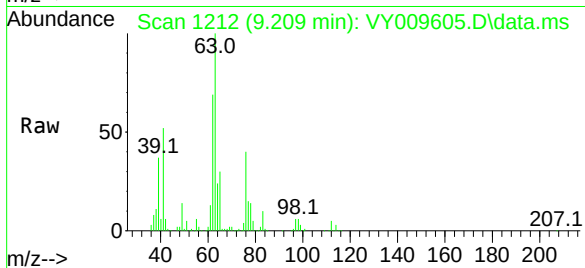
VSTDCCC050

Tgt Ion: 63 Resp: 133999

Ion Ratio Lower Upper

63 100

65 30.4 23.0 34.6



#46

Dibromomethane

Concen: 52.031 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009605.D

Acq: 20 Jul 2022 10:18

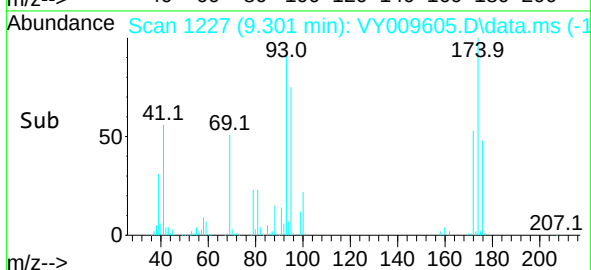
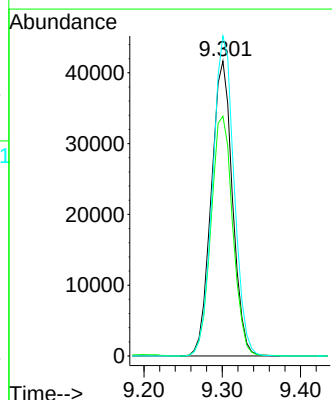
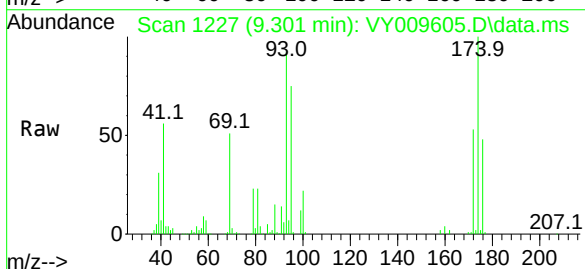
Tgt Ion: 93 Resp: 78401

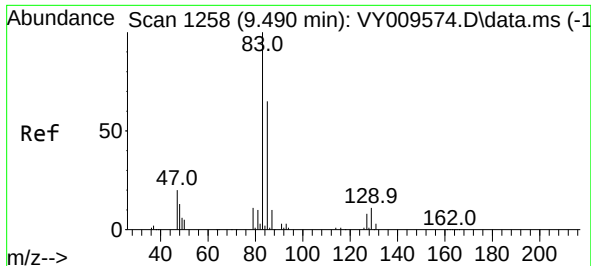
Ion Ratio Lower Upper

93 100

95 83.5 64.3 96.5

174 109.4 83.4 125.0

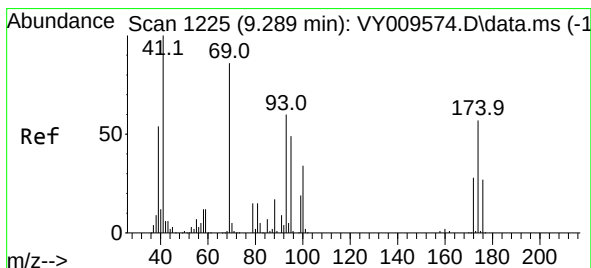
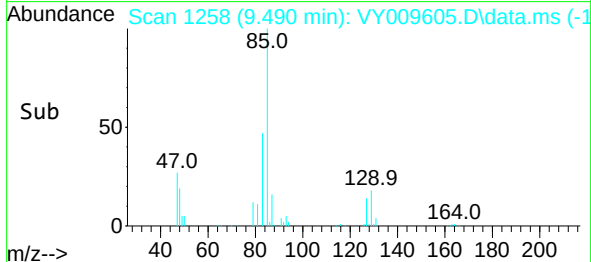
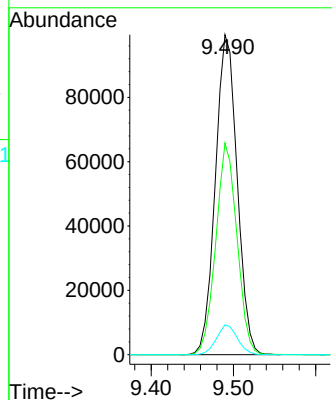
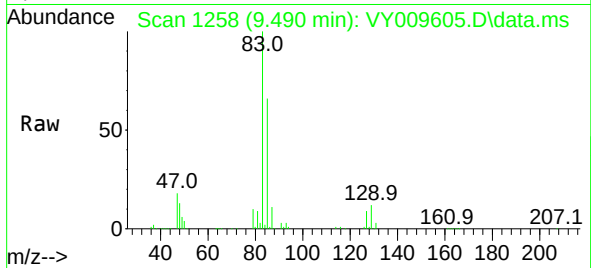




#47
Bromodichloromethane
Concen: 51.859 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

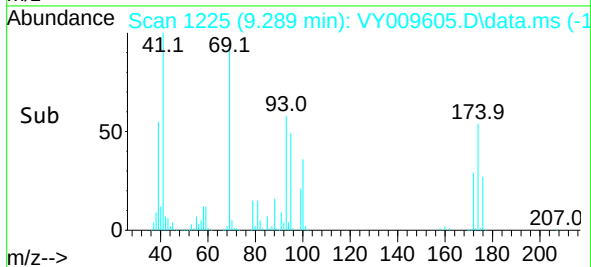
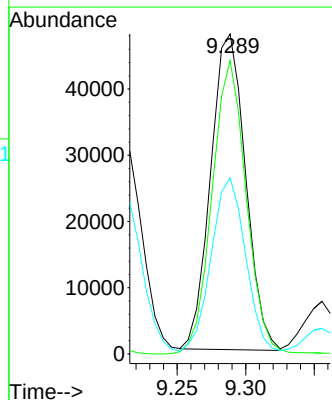
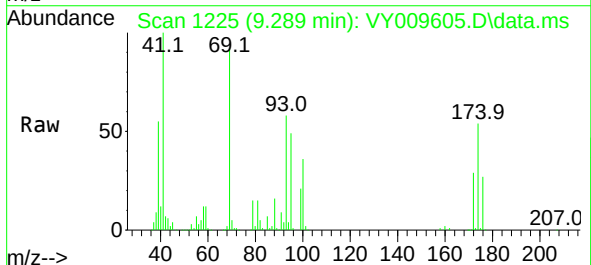
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

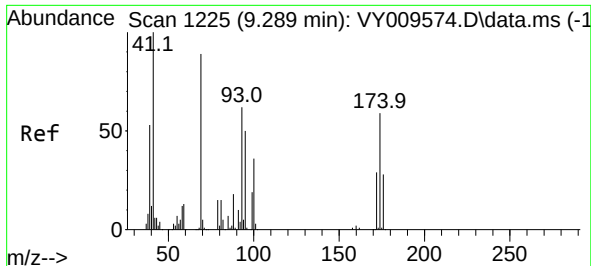
Tgt Ion: 83 Resp: 183231
Ion Ratio Lower Upper
83 100
85 66.2 51.9 77.9
127 9.4 6.6 10.0



#48
Methyl methacrylate
Concen: 51.782 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

Tgt Ion: 41 Resp: 84319
Ion Ratio Lower Upper
41 100
69 91.0 58.2 87.2#
39 53.7 47.4 71.0





#49

1,4-Dioxane

Concen: 1033.902 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009605.D

Acq: 20 Jul 2022 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

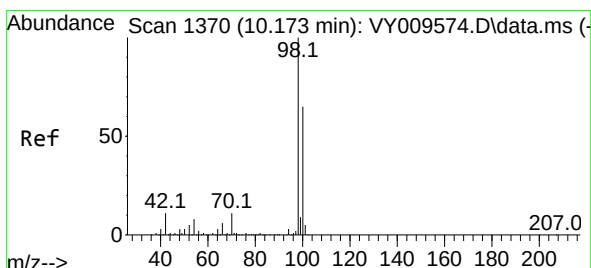
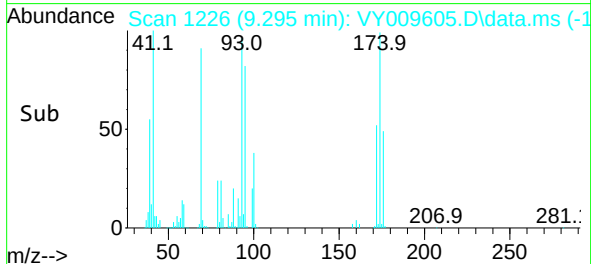
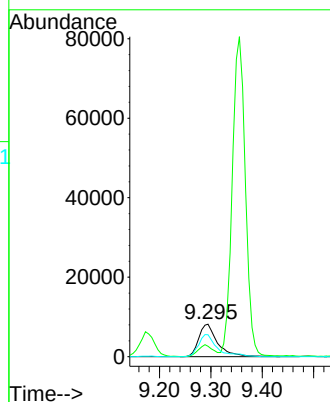
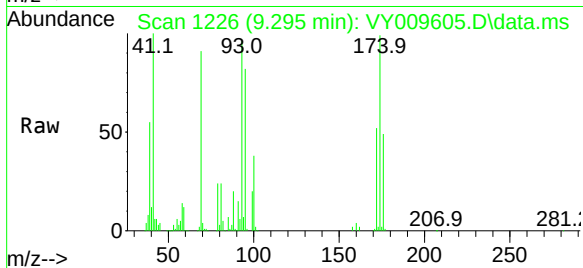
Tgt Ion: 88 Resp: 20766

Ion Ratio Lower Upper

88 100

43 29.4 32.8 49.2#

58 67.6 59.8 89.6



#50

Toluene-d8

Concen: 51.756 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY009605.D

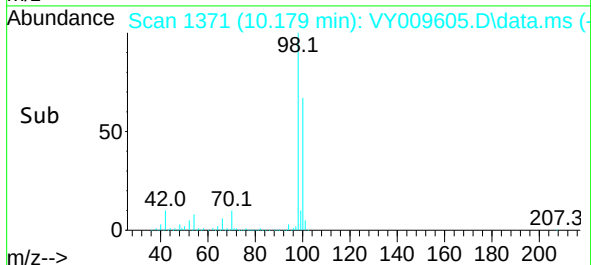
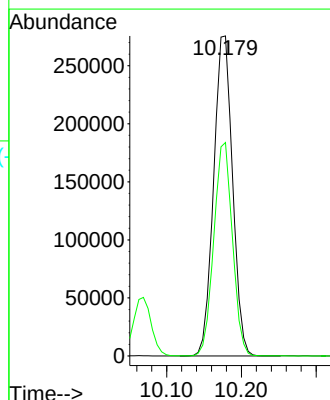
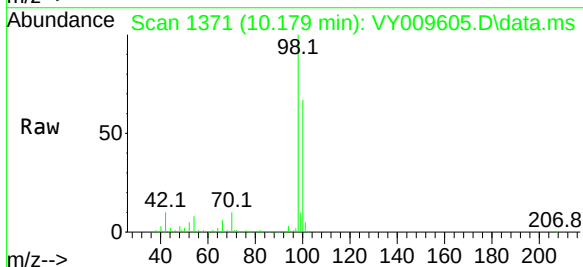
Acq: 20 Jul 2022 10:18

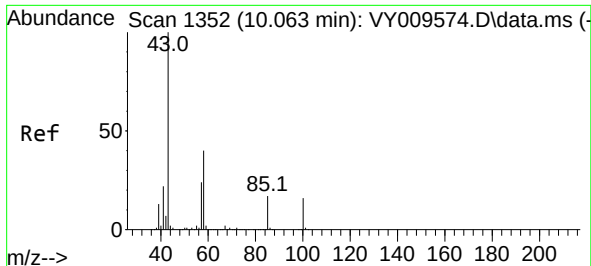
Tgt Ion: 98 Resp: 486583

Ion Ratio Lower Upper

98 100

100 65.6 50.2 75.2

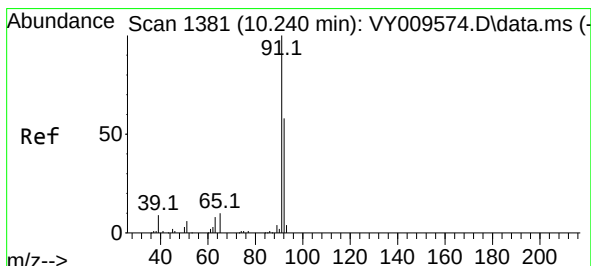
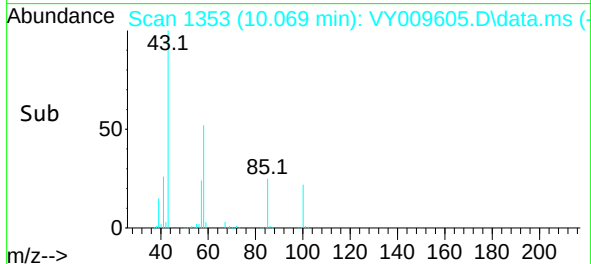
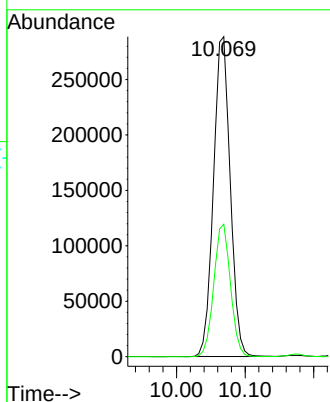
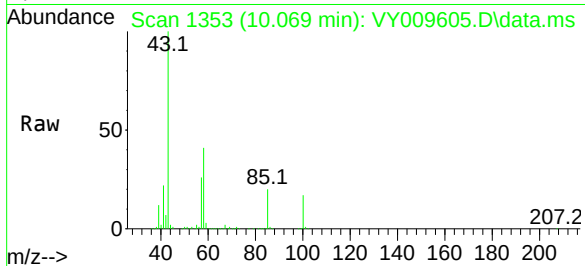




#51
4-Methyl-2-Pentanone
Concen: 256.431 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

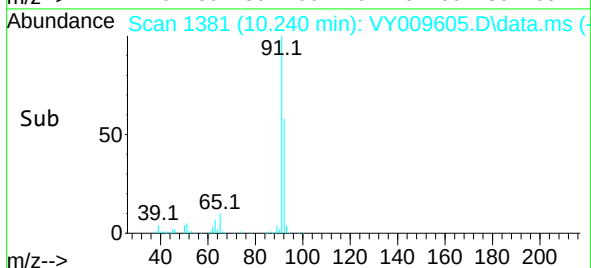
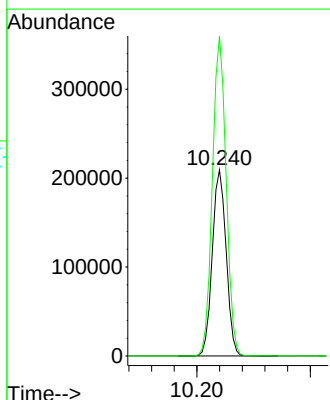
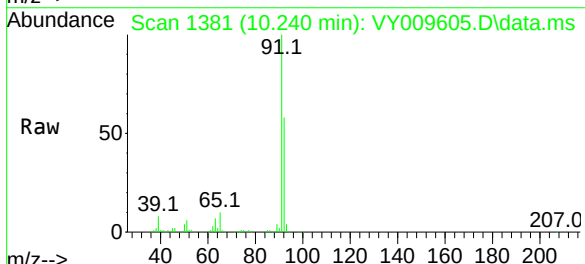
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

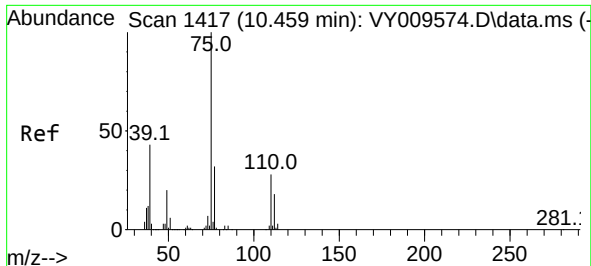
Tgt Ion: 43 Resp: 490714
Ion Ratio Lower Upper
43 100
58 41.1 28.1 42.1



#52
Toluene
Concen: 52.962 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

Tgt Ion: 92 Resp: 354757
Ion Ratio Lower Upper
92 100
91 170.2 142.6 213.8

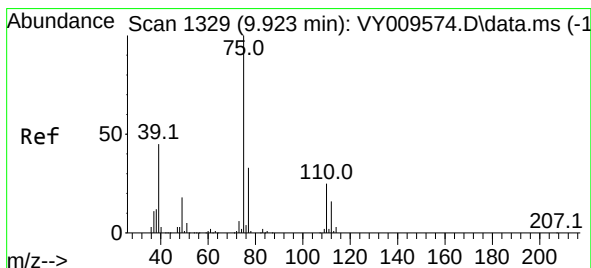
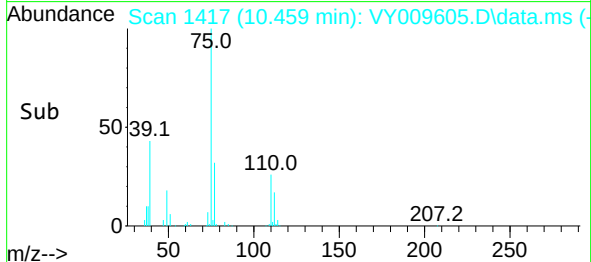
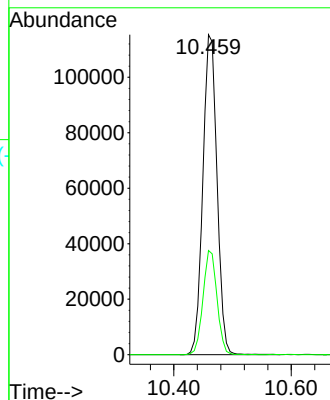
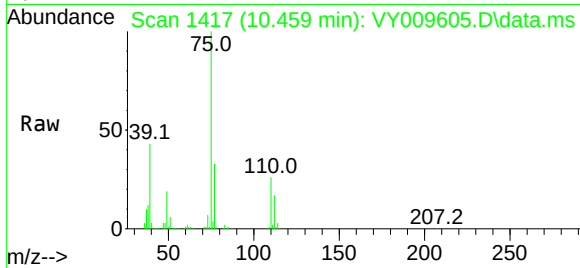




#53
t-1,3-Dichloropropene
Concen: 52.778 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

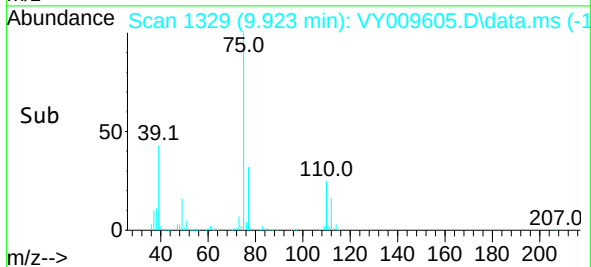
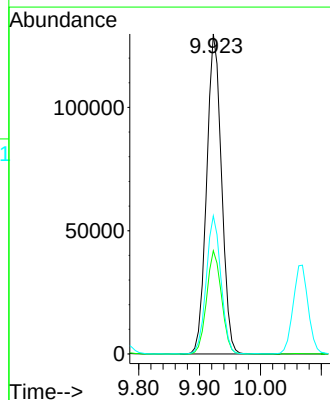
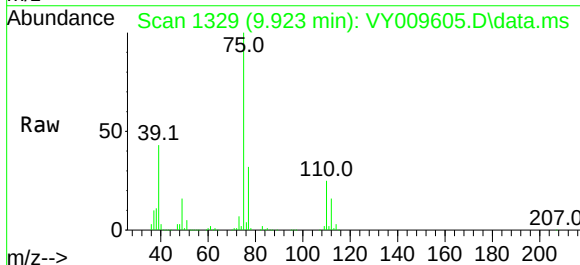
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

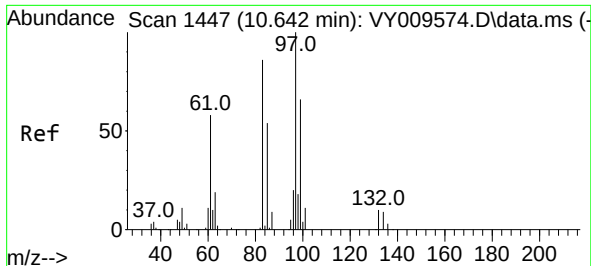
Tgt Ion: 75 Resp: 192603
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 53.109 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

Tgt Ion: 75 Resp: 220369
Ion Ratio Lower Upper
75 100
77 32.3 25.6 38.4
39 43.2 47.6 71.4#



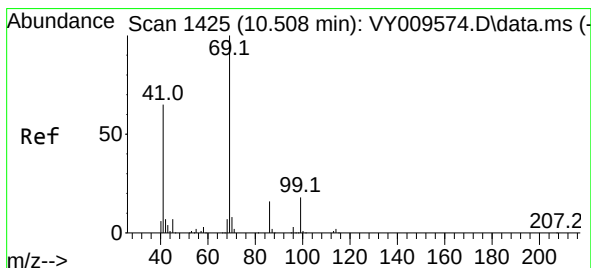
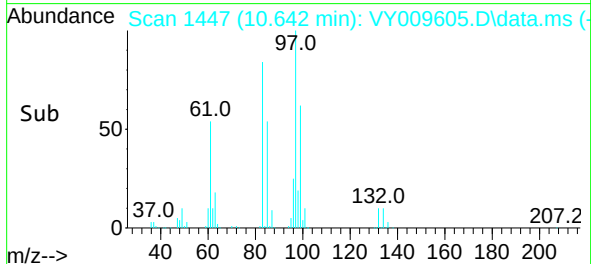
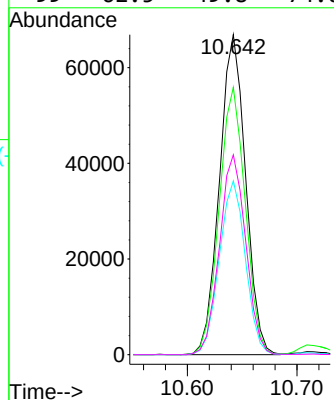
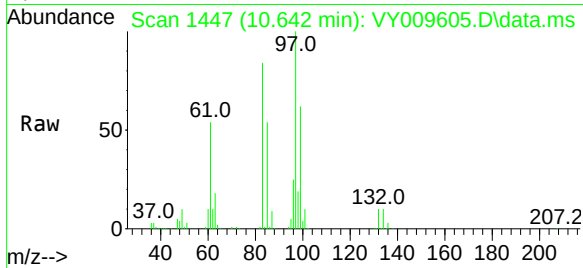


#55
1,1,2-Trichloroethane
Concen: 52.293 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 110971

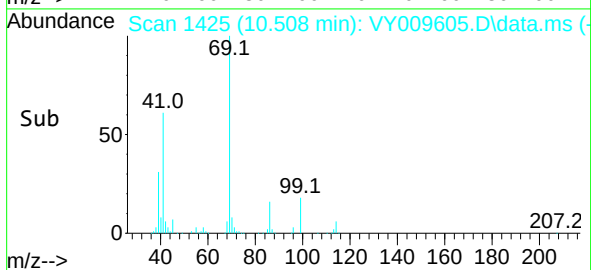
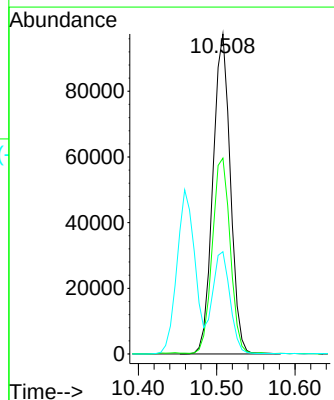
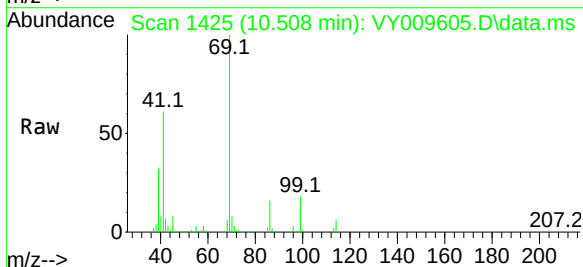
Ion	Ratio	Lower	Upper
97	100		
83	83.5	69.8	104.8
85	54.3	44.3	66.5
99	62.5	49.8	74.6

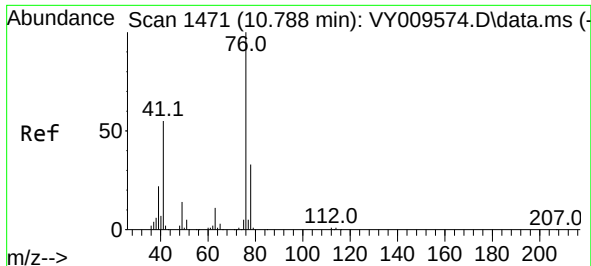


#56
Ethyl methacrylate
Concen: 55.500 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

Tgt Ion: 69 Resp: 150682

Ion	Ratio	Lower	Upper
69	100		
41	62.7	63.4	95.0#
39	32.1	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 52.565 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY009605.D

Acq: 20 Jul 2022 10:18

Instrument :

MSVOA_Y

ClientSampleId :

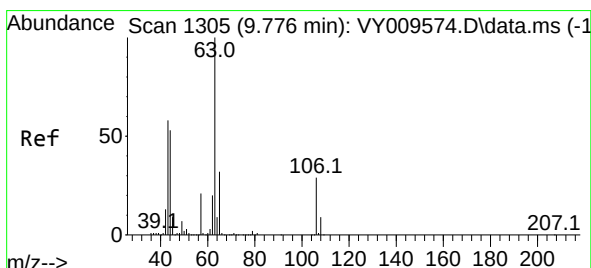
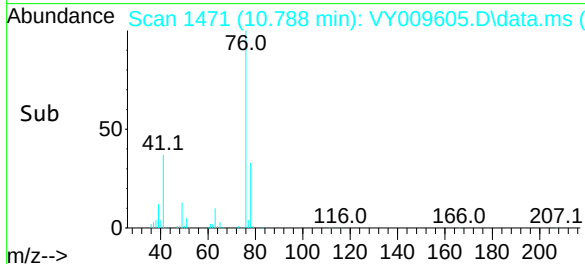
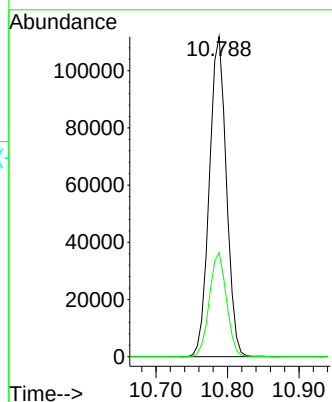
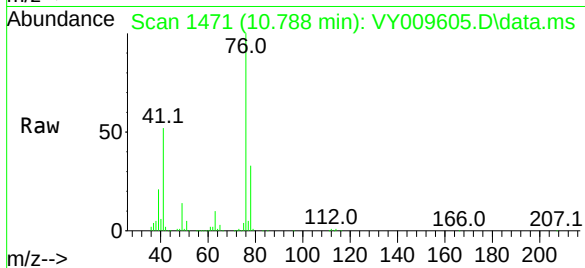
VSTDCCC050

Tgt Ion: 76 Resp: 185109

Ion Ratio Lower Upper

76 100

78 32.6 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 254.445 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009605.D

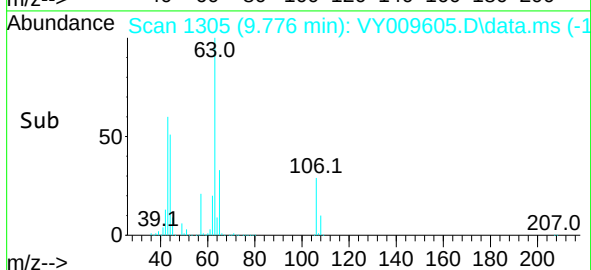
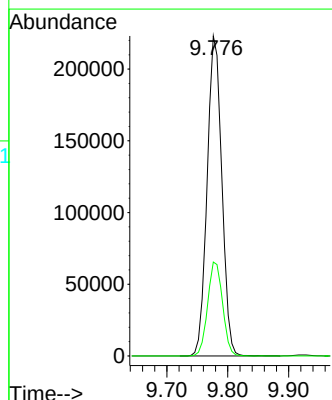
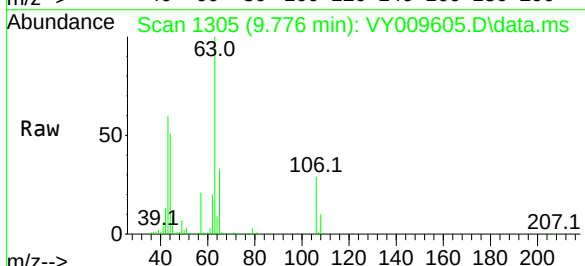
Acq: 20 Jul 2022 10:18

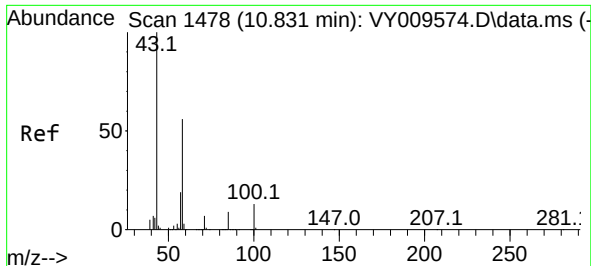
Tgt Ion: 63 Resp: 373824

Ion Ratio Lower Upper

63 100

106 29.8 21.5 32.3

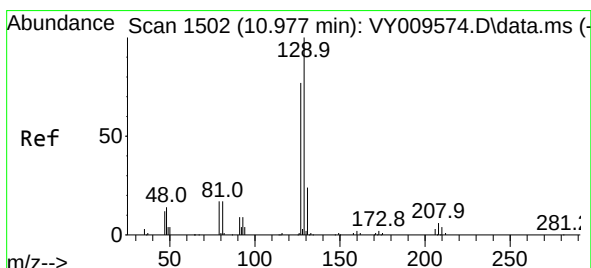
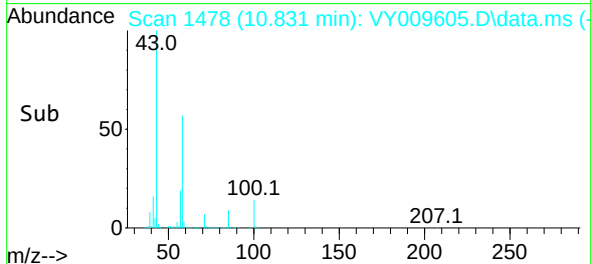
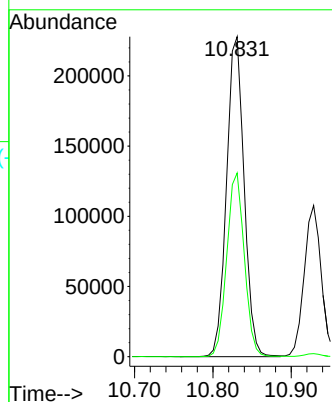
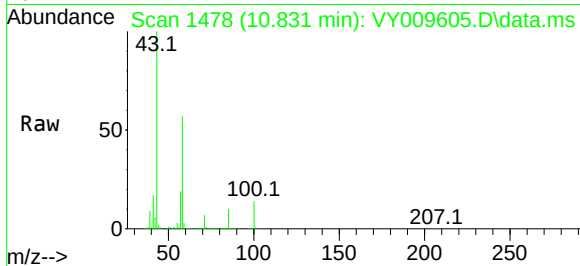




#59
2-Hexanone
Concen: 267.523 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

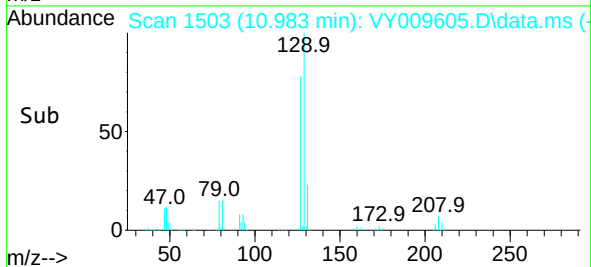
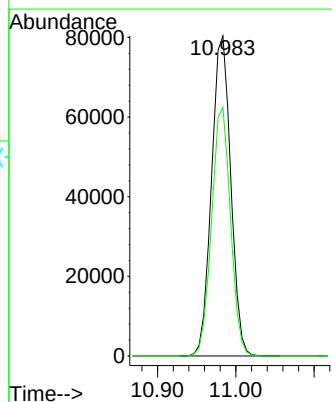
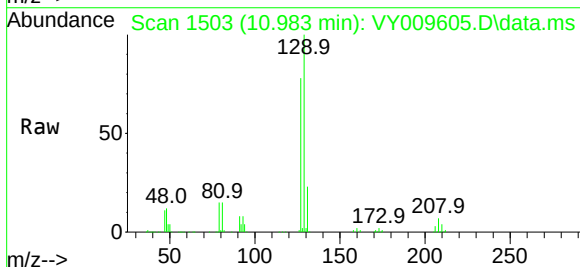
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

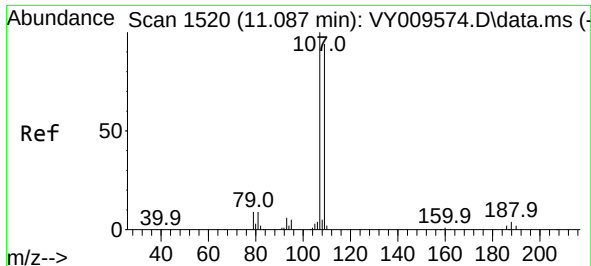
Tgt Ion: 43 Resp: 356064
Ion Ratio Lower Upper
43 100
58 57.3 24.4 73.4



#60
Dibromochloromethane
Concen: 53.260 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.006 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

Tgt Ion: 129 Resp: 136765
Ion Ratio Lower Upper
129 100
127 76.6 38.7 116.1

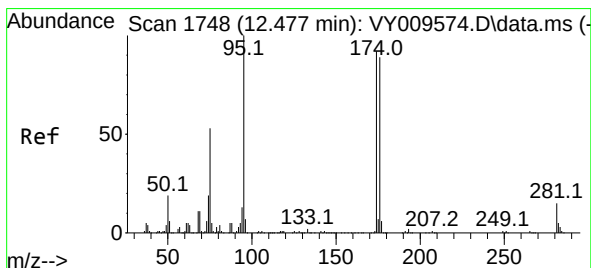
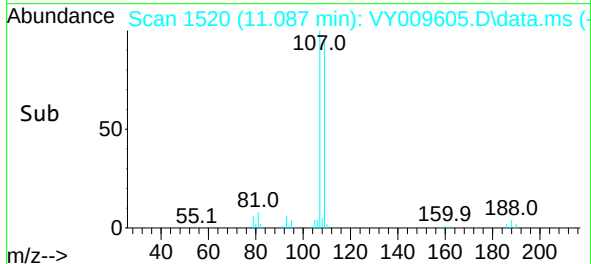
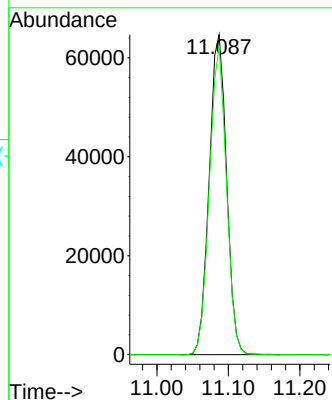
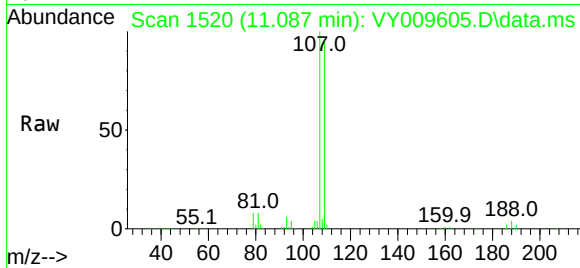




#61
1,2-Dibromoethane
Concen: 52.737 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

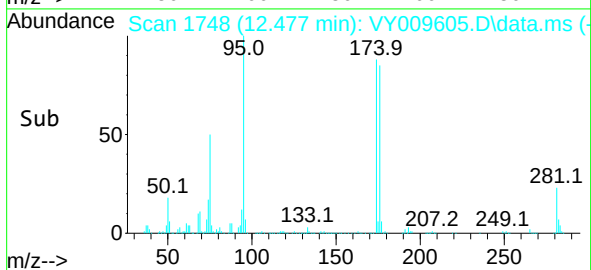
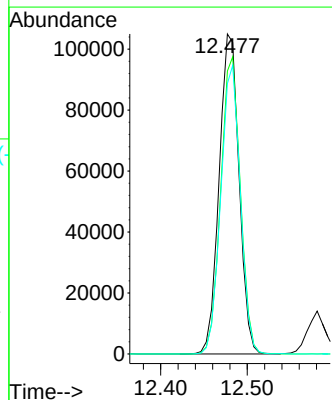
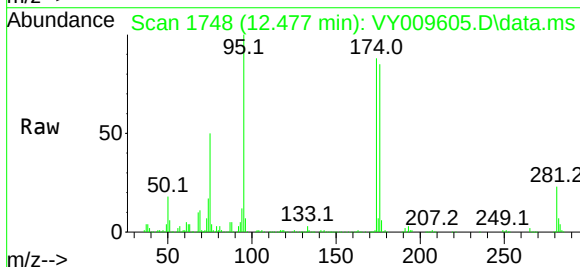
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

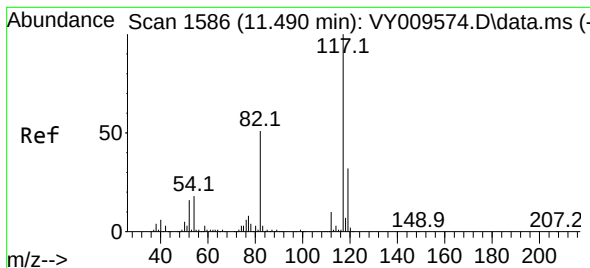
Tgt Ion:107 Resp: 109189
Ion Ratio Lower Upper
107 100
109 94.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 54.942 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

Tgt Ion: 95 Resp: 167374
Ion Ratio Lower Upper
95 100
174 91.5 0.0 177.0
176 88.6 0.0 175.8

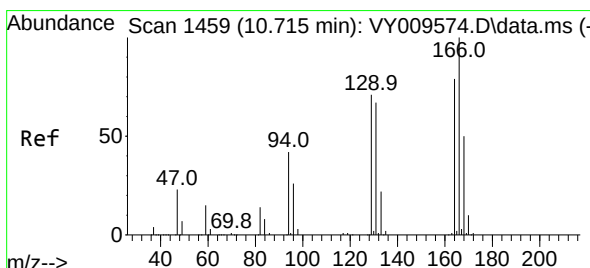
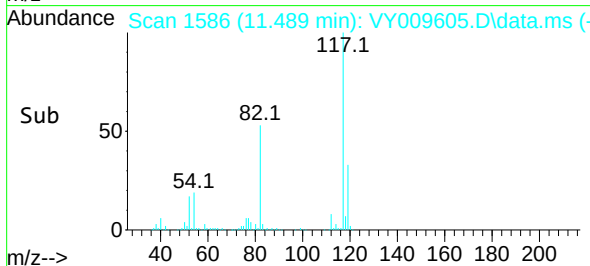
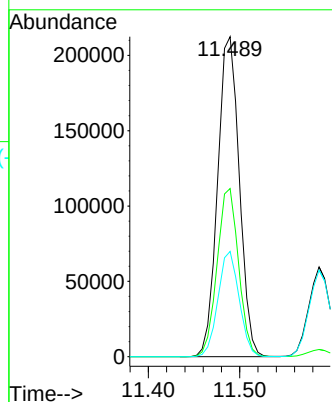
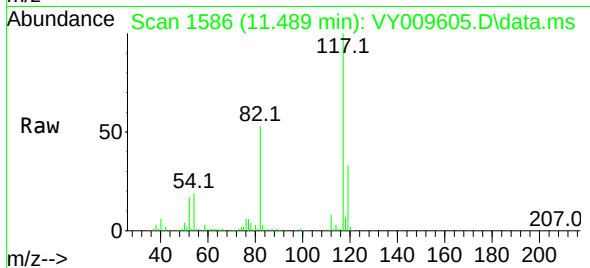




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

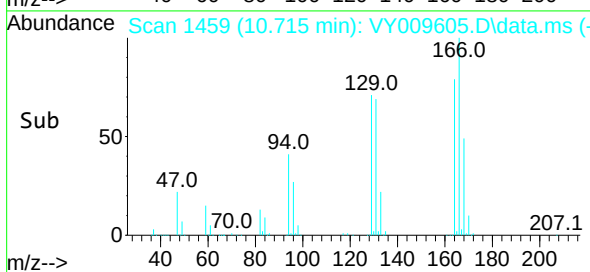
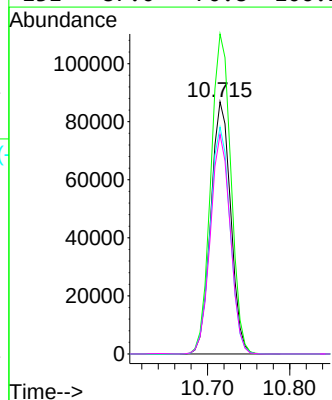
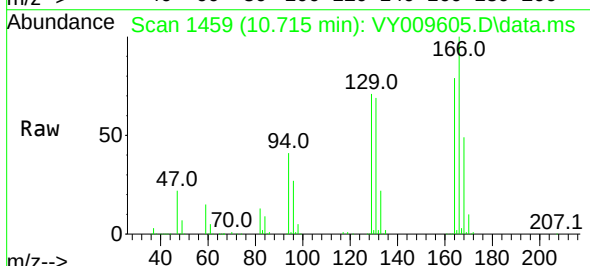
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

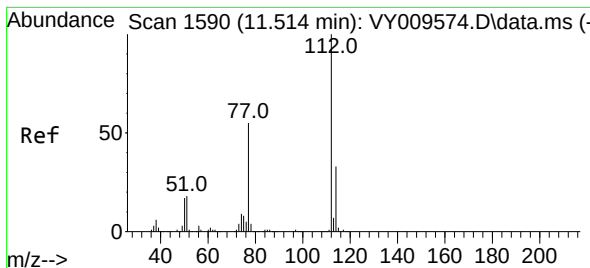
Tgt Ion:117 Resp: 350879
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 32.9 25.4 38.0



#64
Tetrachloroethene
Concen: 53.065 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

Tgt Ion:164 Resp: 145718
Ion Ratio Lower Upper
164 100
166 126.9 100.4 150.6
129 90.0 71.4 107.0
131 87.0 70.8 106.2





#65

Chlorobenzene

Concen: 52.517 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009605.D

Acq: 20 Jul 2022 10:18

Instrument :

MSVOA_Y

ClientSampleId :

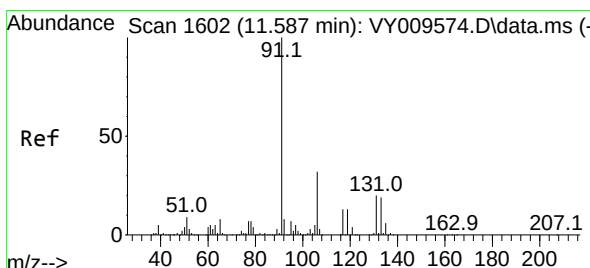
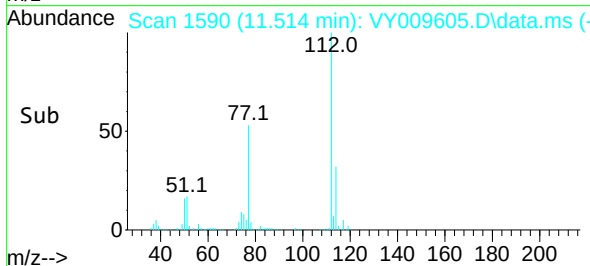
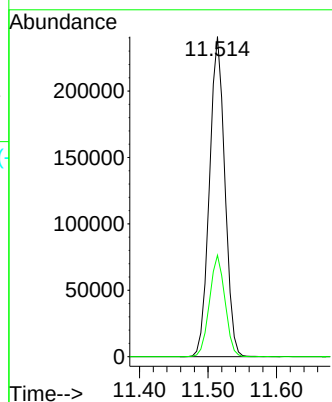
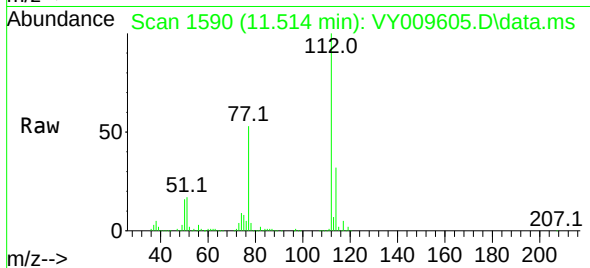
VSTDCCC050

Tgt Ion:112 Resp: 376548

Ion Ratio Lower Upper

112 100

114 31.7 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 52.755 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY009605.D

Acq: 20 Jul 2022 10:18

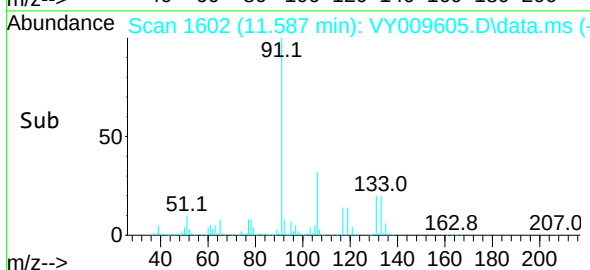
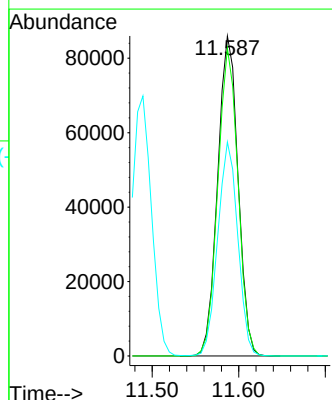
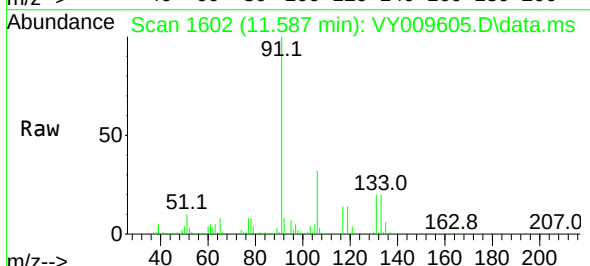
Tgt Ion:131 Resp: 140537

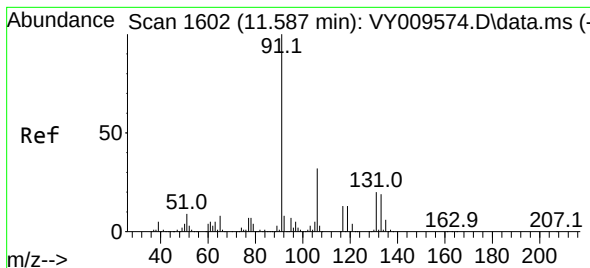
Ion Ratio Lower Upper

131 100

133 95.2 47.9 143.6

119 65.9 30.8 92.3





#67

Ethyl Benzene

Concen: 53.129 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY009605.D

Acq: 20 Jul 2022 10:18

Instrument :

MSVOA_Y

ClientSampleId :

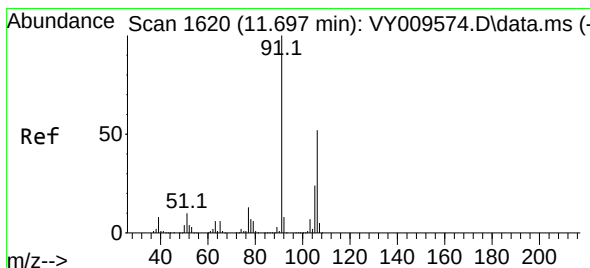
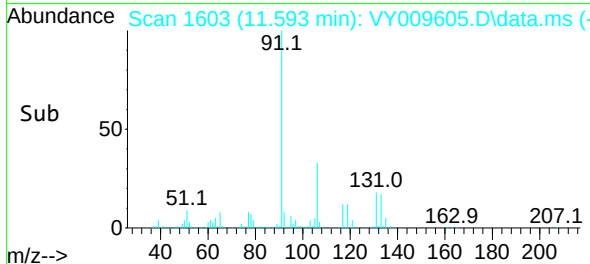
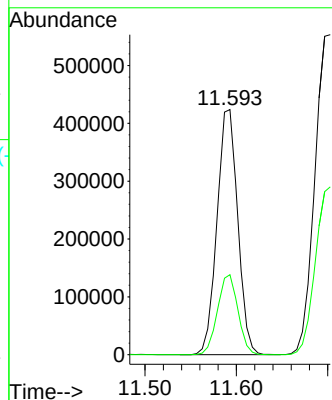
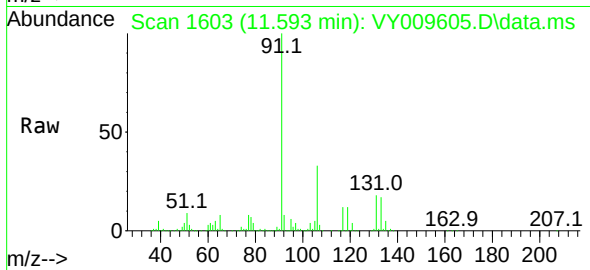
VSTDCCC050

Tgt Ion: 91 Resp: 669996

Ion Ratio Lower Upper

91 100

106 32.6 24.5 36.7



#68

m/p-Xylenes

Concen: 106.482 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY009605.D

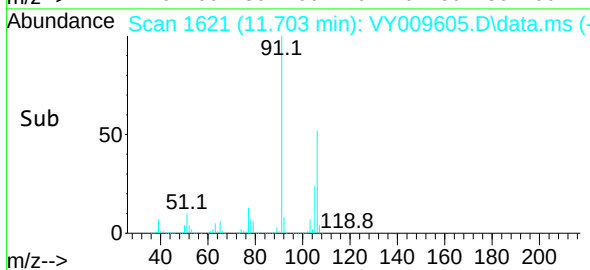
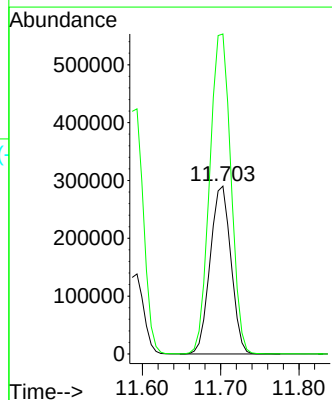
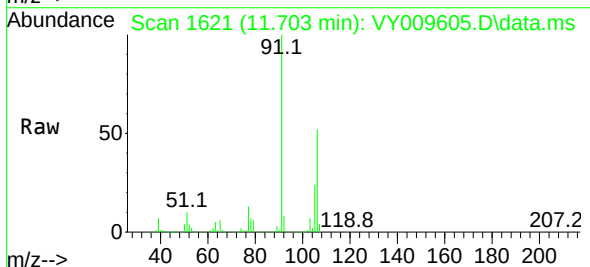
Acq: 20 Jul 2022 10:18

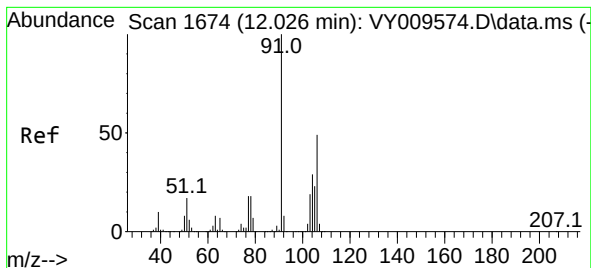
Tgt Ion:106 Resp: 534416

Ion Ratio Lower Upper

106 100

91 194.6 166.6 249.8

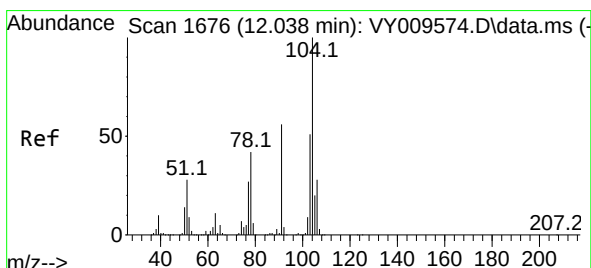
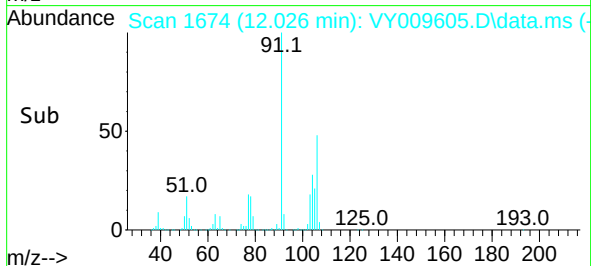
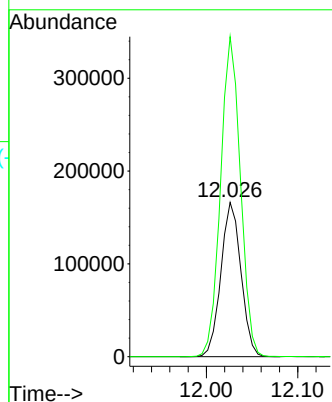
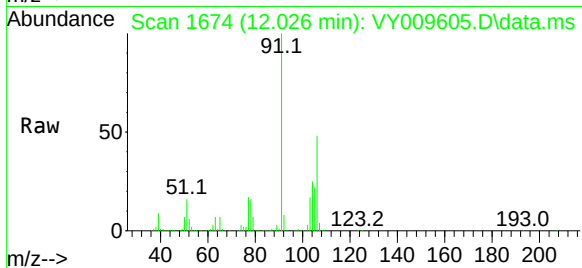




#69
o-Xylene
Concen: 54.066 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

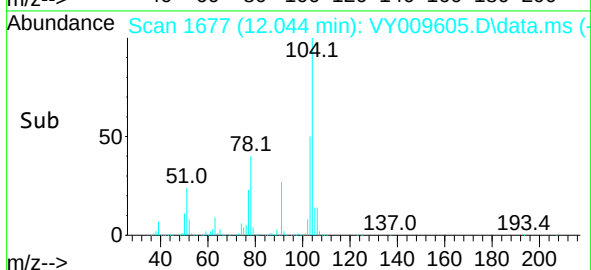
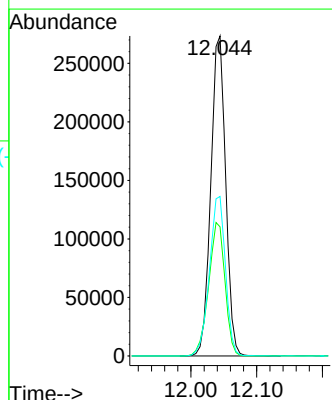
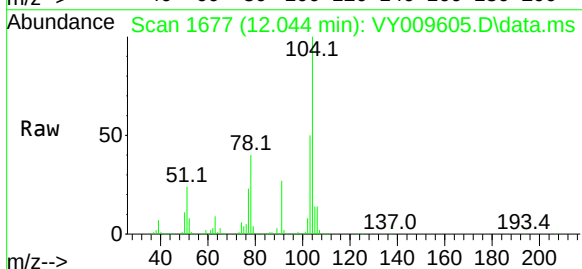
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

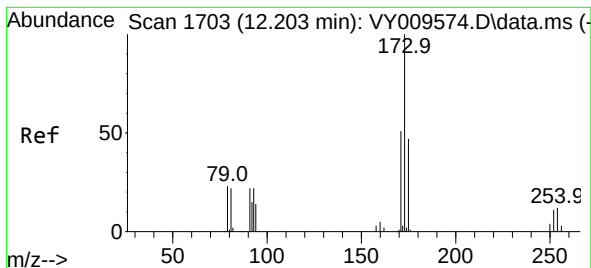
Tgt Ion:106 Resp: 253931
Ion Ratio Lower Upper
106 100
91 205.5 110.3 331.0



#70
Styrene
Concen: 55.023 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

Tgt Ion:104 Resp: 429826
Ion Ratio Lower Upper
104 100
78 45.9 42.4 63.6
103 54.0 44.4 66.6





#71

Bromoform

Concen: 53.756 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VY009605.D

Acq: 20 Jul 2022 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

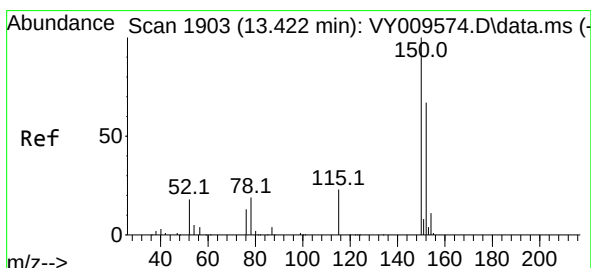
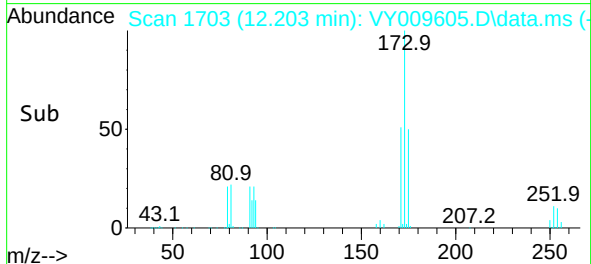
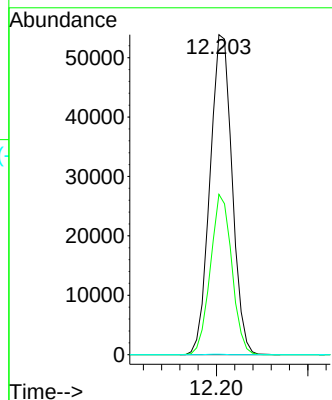
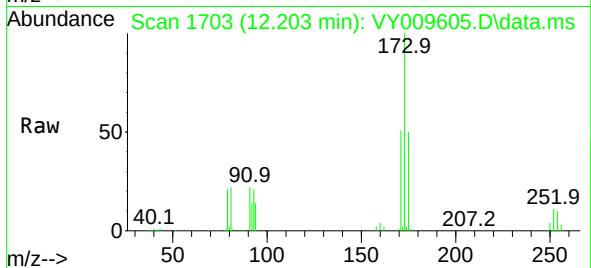
Tgt Ion:173 Resp: 90370

Ion Ratio Lower Upper

173 100

175 48.5 24.6 74.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY009605.D

Acq: 20 Jul 2022 10:18

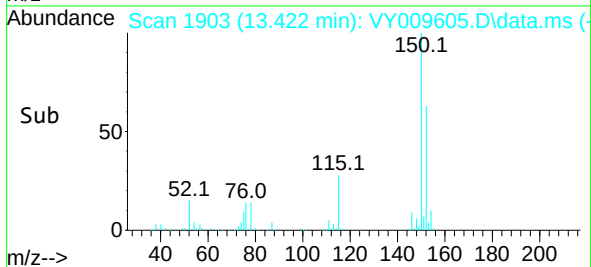
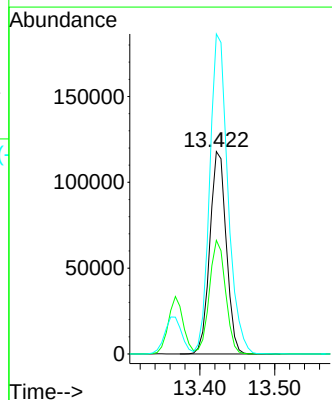
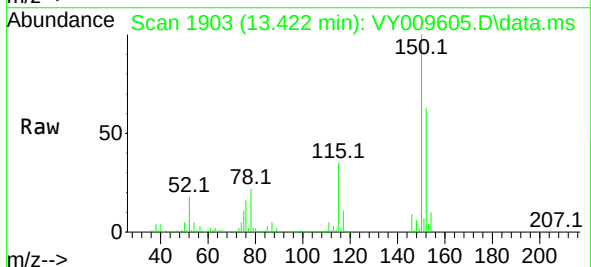
Tgt Ion:152 Resp: 180097

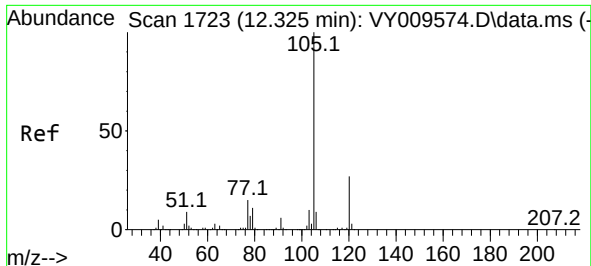
Ion Ratio Lower Upper

152 100

115 55.5 28.2 84.7

150 175.1 0.0 347.6

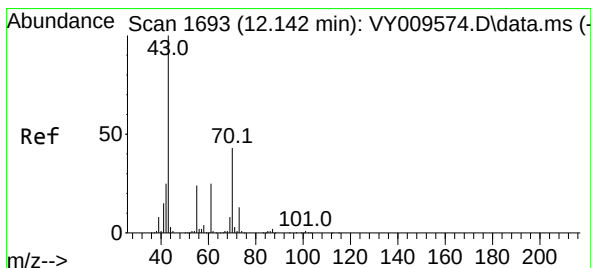
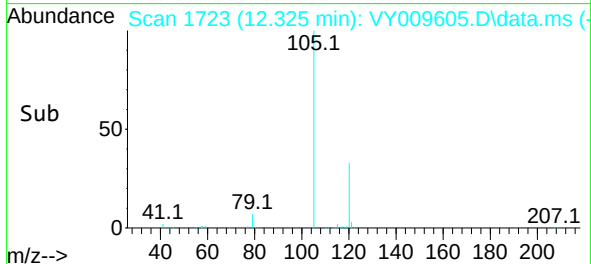
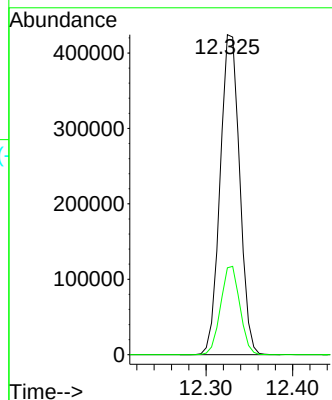
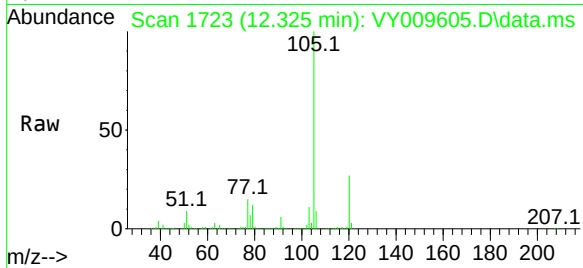




#73
Isopropylbenzene
Concen: 53.336 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

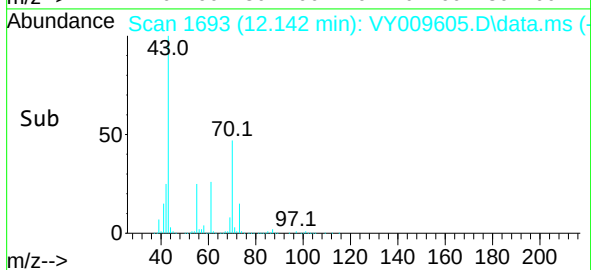
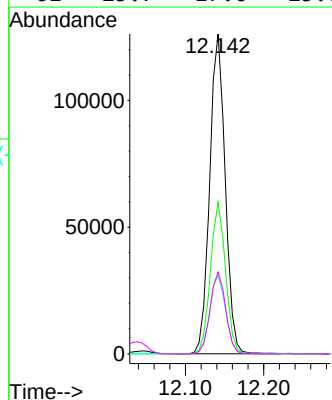
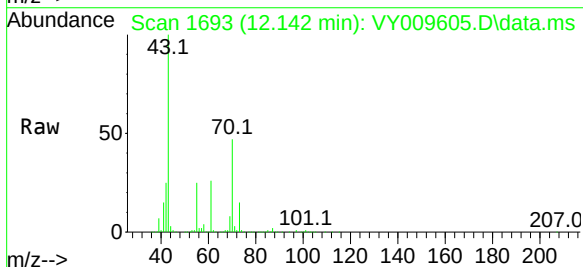
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

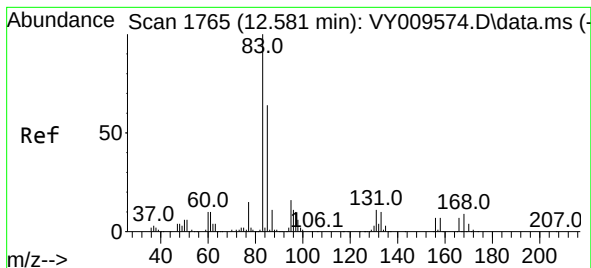
Tgt Ion:105 Resp: 665059
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.2



#74
N-ethyl acetate
Concen: 52.161 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

Tgt Ion: 43 Resp: 172981
Ion Ratio Lower Upper
43 100
70 46.5 28.7 43.1#
55 25.1 17.3 25.9
61 25.7 17.0 25.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 50.663 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY009605.D

Acq: 20 Jul 2022 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

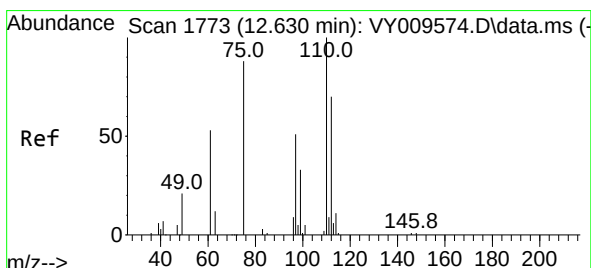
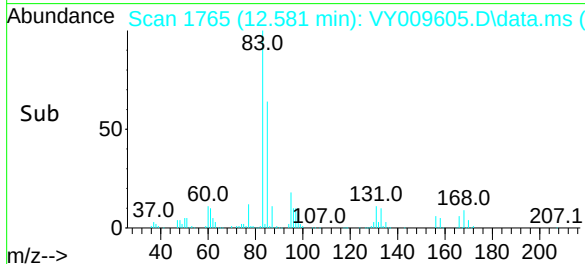
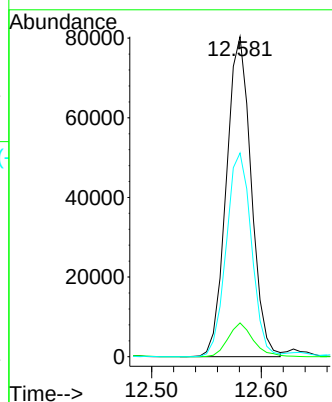
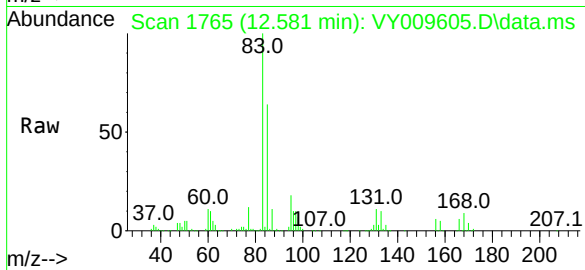
Tgt Ion: 83 Resp: 126515

Ion Ratio Lower Upper

83 100

131 10.6 5.6 16.8

85 64.7 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 97.034 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY009605.D

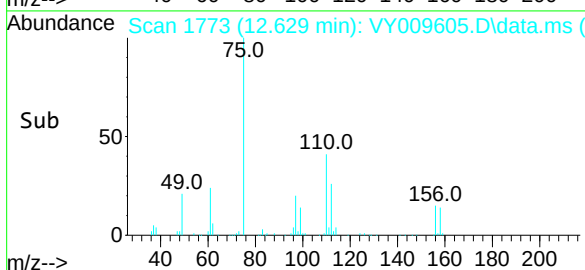
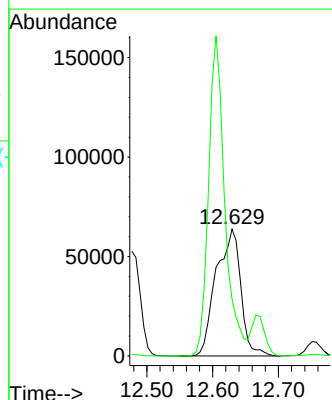
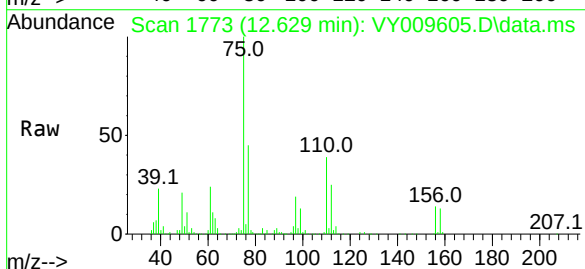
Acq: 20 Jul 2022 10:18

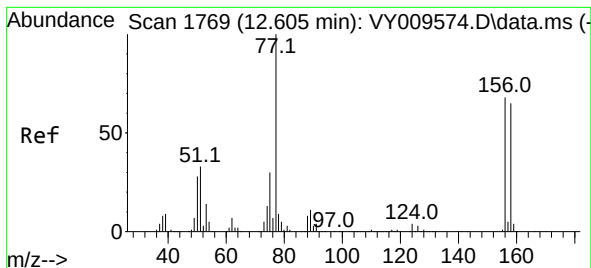
Tgt Ion: 75 Resp: 166473

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.660 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY009605.D

Acq: 20 Jul 2022 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

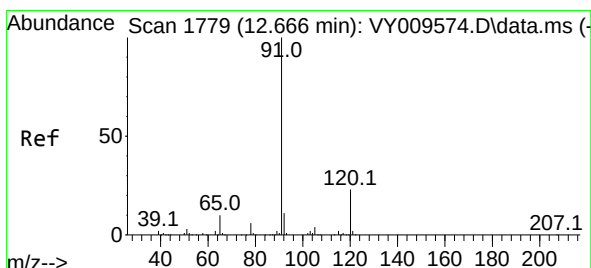
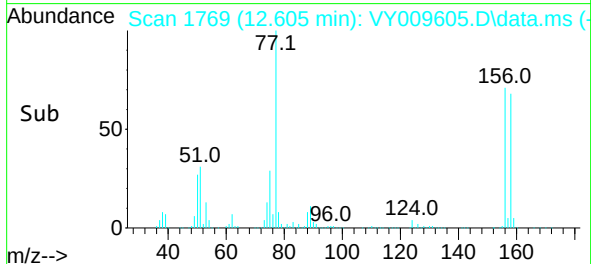
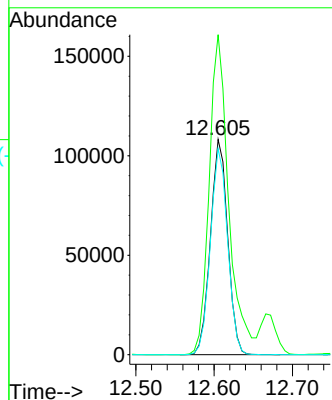
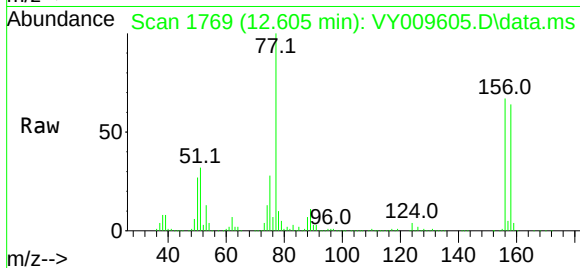
Tgt Ion:156 Resp: 165120

Ion Ratio Lower Upper

156 100

77 169.0 95.5 286.4

158 95.5 48.0 144.0



#78

n-propylbenzene

Concen: 53.159 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY009605.D

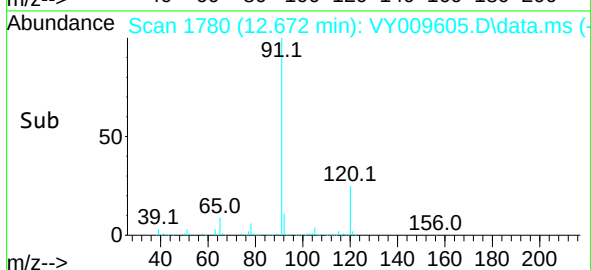
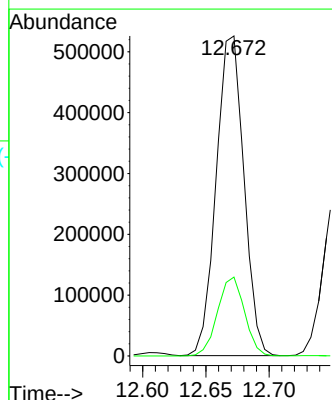
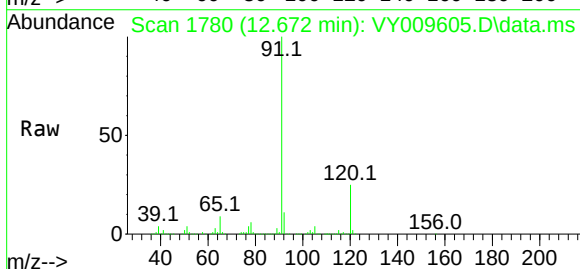
Acq: 20 Jul 2022 10:18

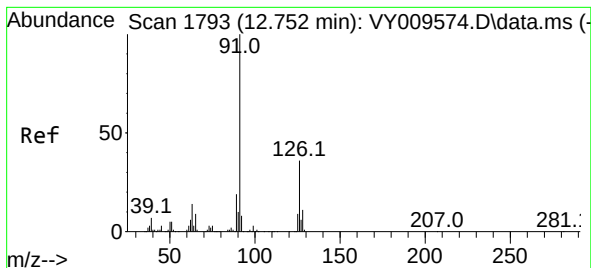
Tgt Ion: 91 Resp: 800969

Ion Ratio Lower Upper

91 100

120 24.0 11.3 33.9

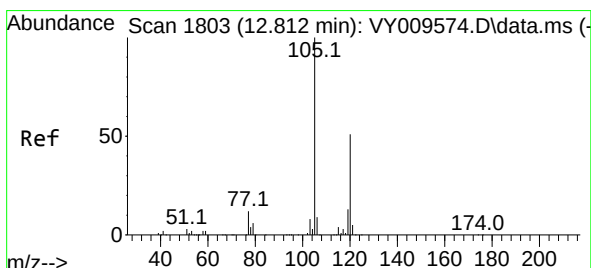
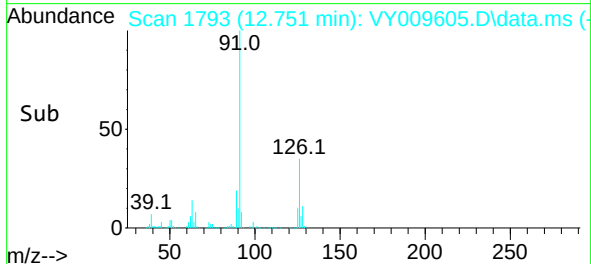
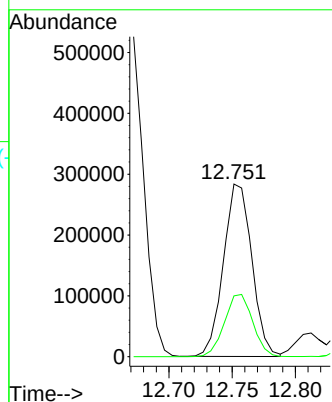
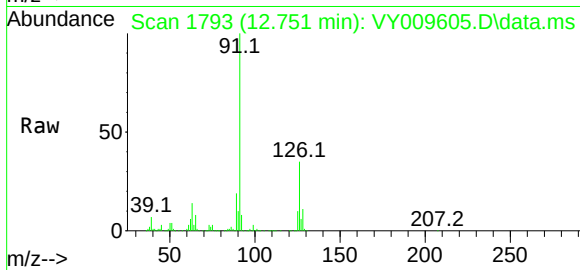




#79
2-Chlorotoluene
Concen: 53.134 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

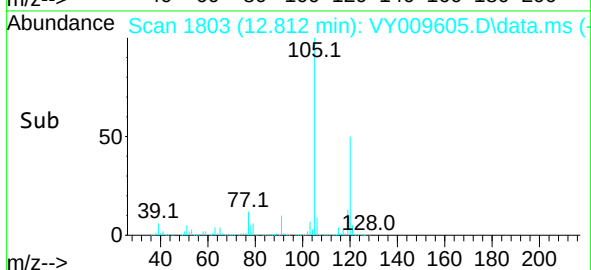
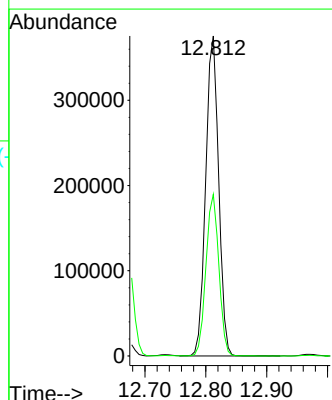
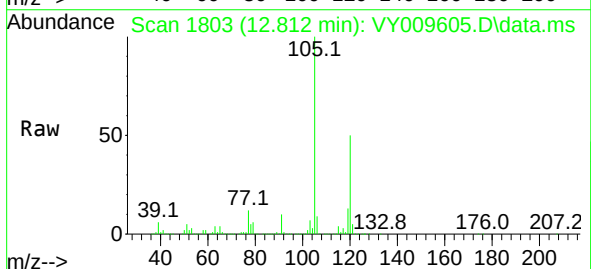
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

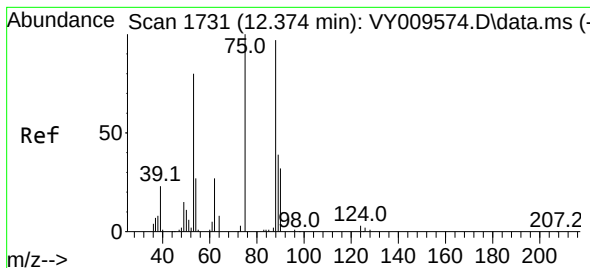
Tgt Ion: 91 Resp: 443872
Ion Ratio Lower Upper
91 100
126 36.0 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 53.850 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

Tgt Ion: 105 Resp: 554848
Ion Ratio Lower Upper
105 100
120 50.3 24.4 73.4

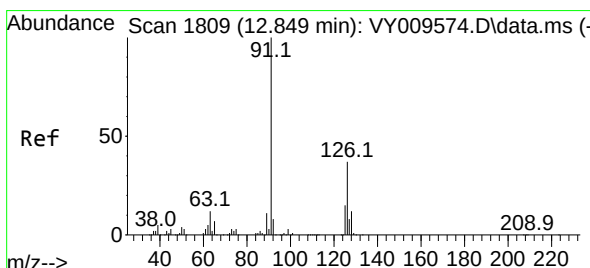
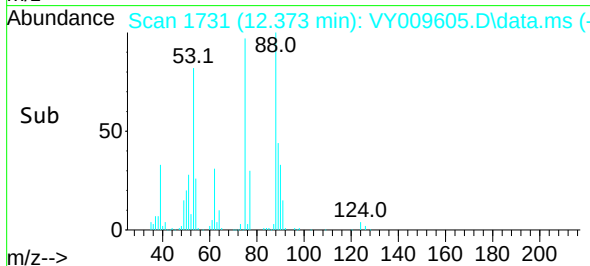
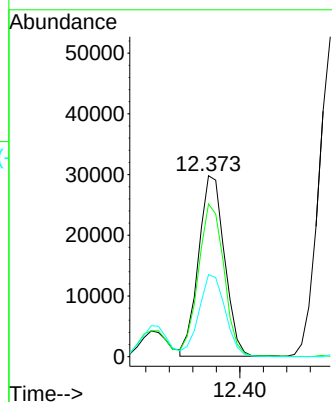
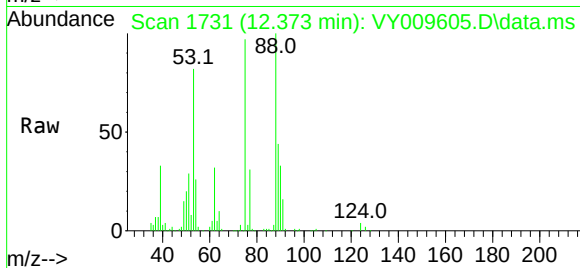




#81
trans-1,4-Dichloro-2-butene
Concen: 52.462 ug/l
RT: 12.373 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

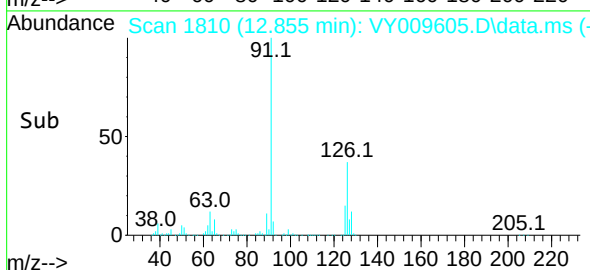
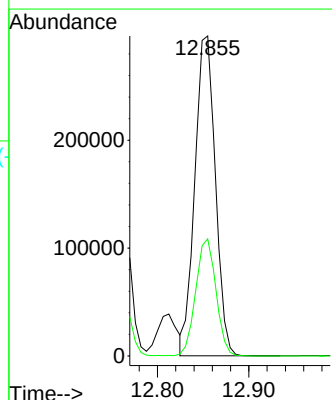
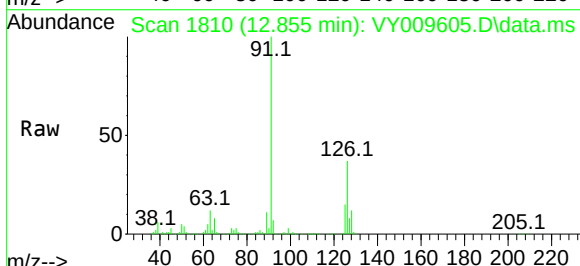
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

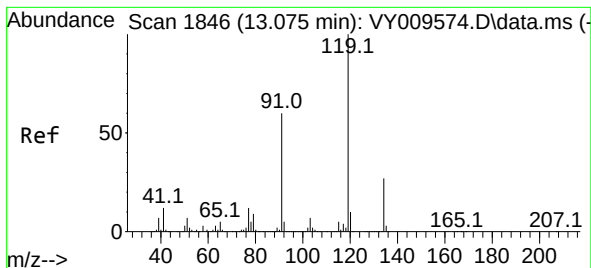
Tgt Ion: 75 Resp: 45646
Ion Ratio Lower Upper
75 100
53 83.7 85.3 127.9#
89 46.1 37.0 55.4



#82
4-Chlorotoluene
Concen: 53.333 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY009605.D
Acq: 20 Jul 2022 10:18

Tgt Ion: 91 Resp: 462211
Ion Ratio Lower Upper
91 100
126 36.3 17.0 51.0





#83

tert-Butylbenzene

Concen: 53.810 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY009605.D

Acq: 20 Jul 2022 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

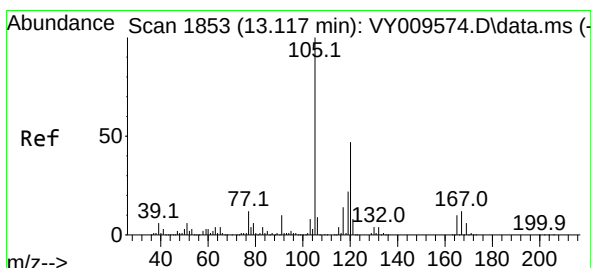
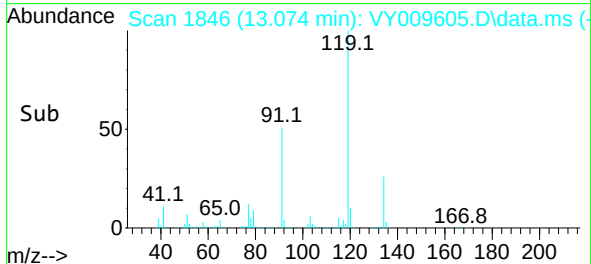
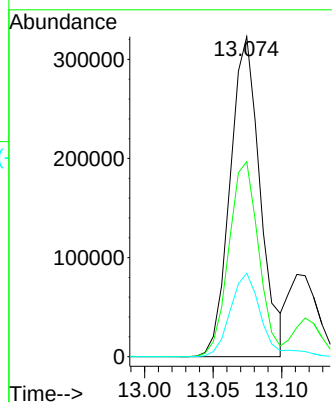
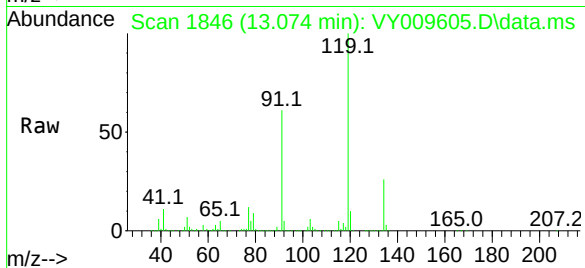
Tgt Ion:119 Resp: 492580

Ion Ratio Lower Upper

119 100

91 60.5 34.8 104.4

134 27.2 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 53.503 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY009605.D

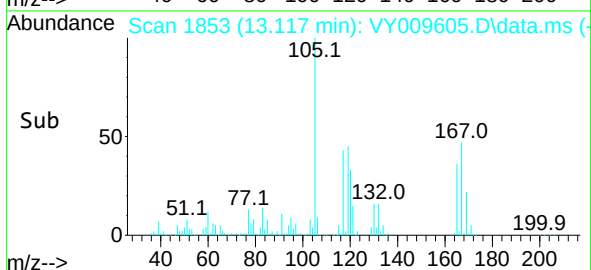
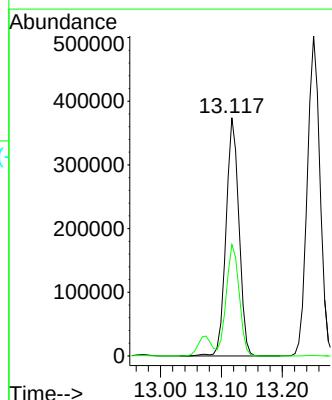
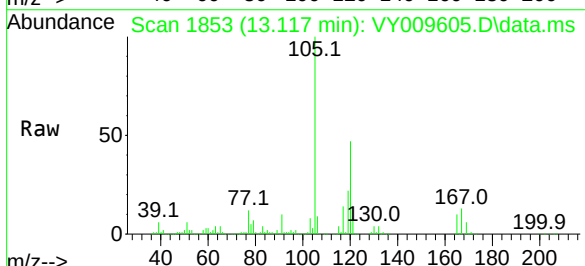
Acq: 20 Jul 2022 10:18

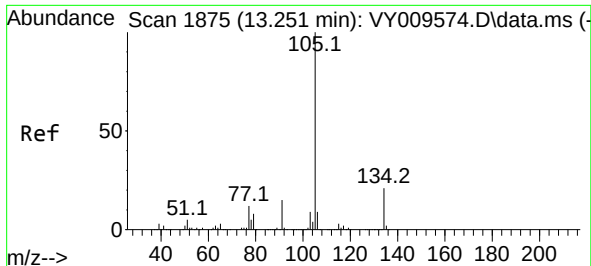
Tgt Ion:105 Resp: 551318

Ion Ratio Lower Upper

105 100

120 46.5 22.3 66.9

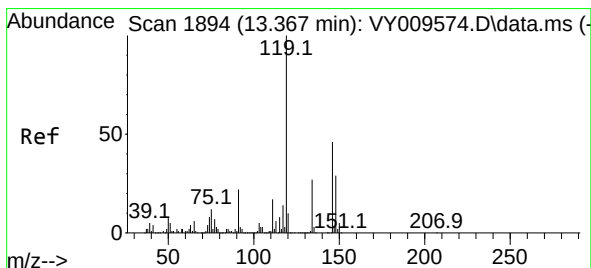
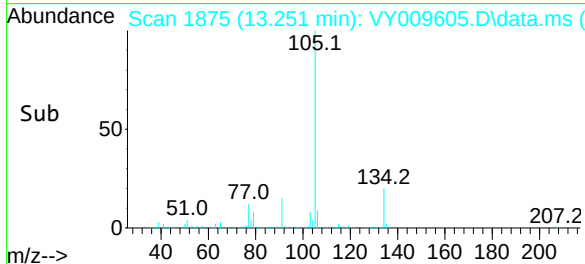
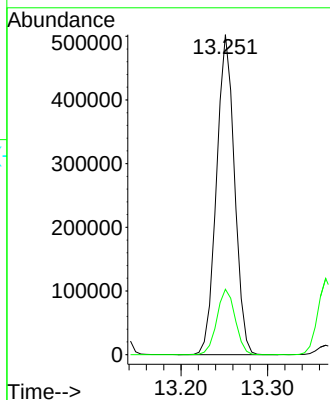
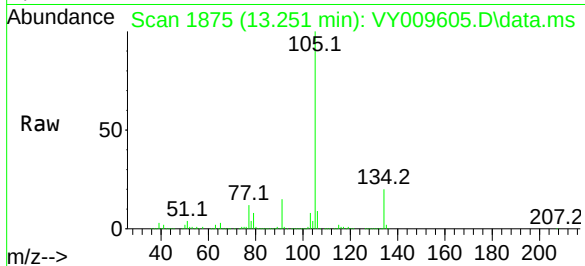




#85
 sec-Butylbenzene
 Concen: 53.455 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY009605.D
 Acq: 20 Jul 2022 10:18

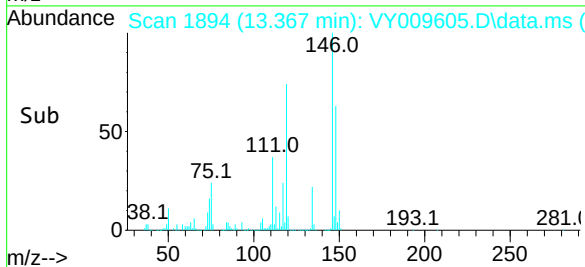
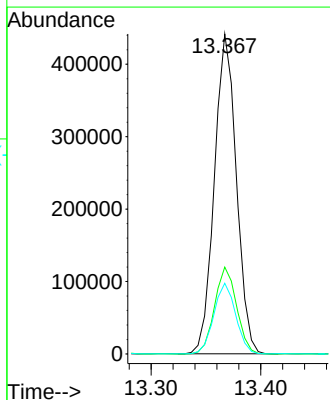
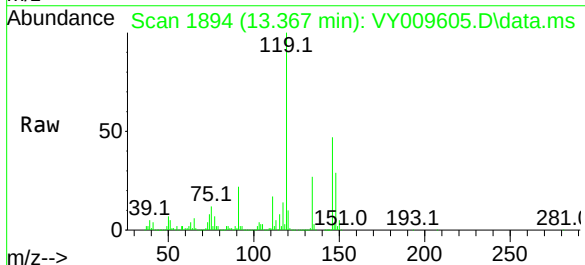
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

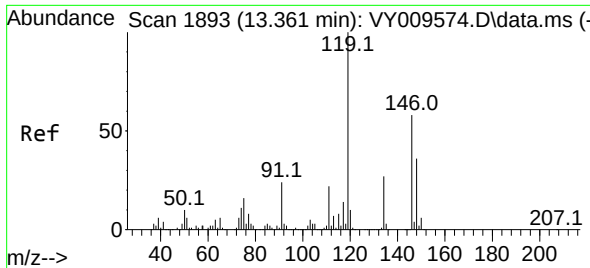
Tgt Ion:105 Resp: 725496
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 53.988 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY009605.D
 Acq: 20 Jul 2022 10:18

Tgt Ion:119 Resp: 615780
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.2 39.5
 91 22.0 12.4 37.2

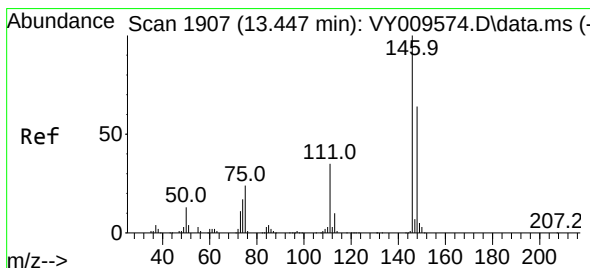
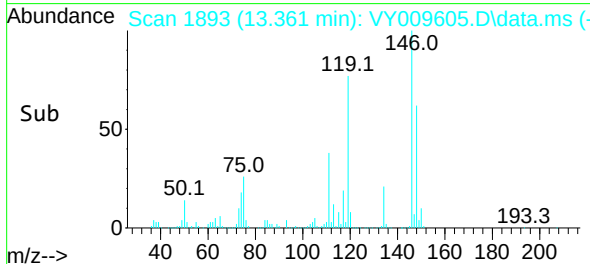
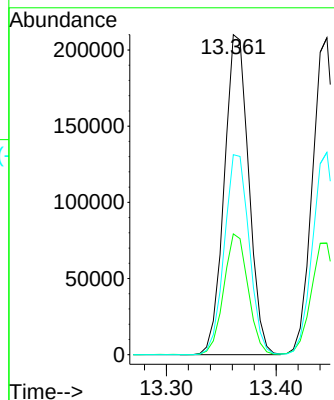
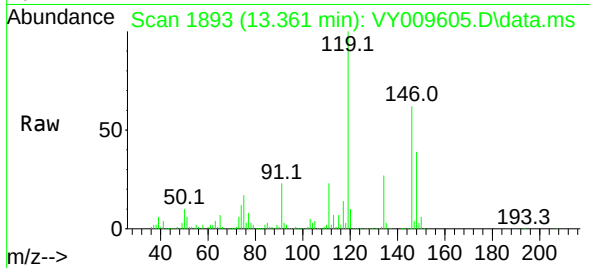




#87
 1,3-Dichlorobenzene
 Concen: 52.518 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. -0.000 min
 Lab File: VY009605.D
 Acq: 20 Jul 2022 10:18

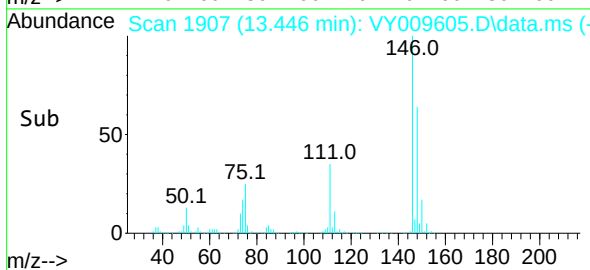
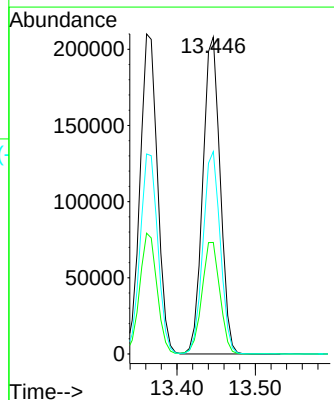
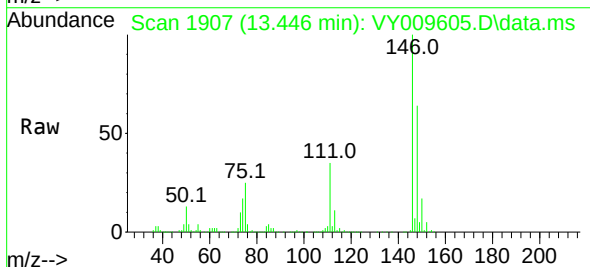
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

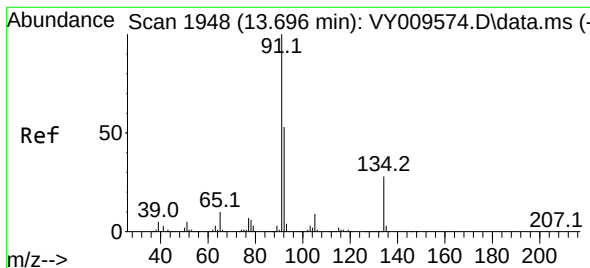
Tgt Ion:146 Resp: 325758
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.5 58.5
 148 63.3 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 51.936 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY009605.D
 Acq: 20 Jul 2022 10:18

Tgt Ion:146 Resp: 319412
 Ion Ratio Lower Upper
 146 100
 111 36.4 19.3 57.8
 148 63.7 32.6 97.8





#89

n-Butylbenzene

Concen: 54.758 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY009605.D

Acq: 20 Jul 2022 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

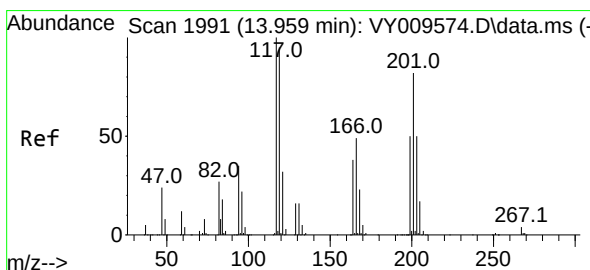
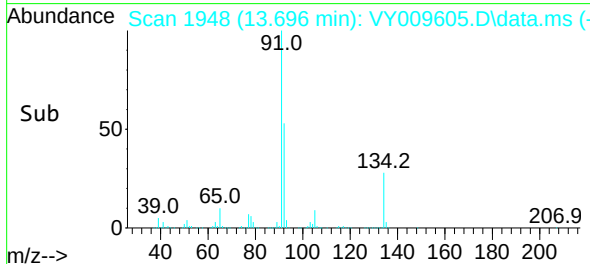
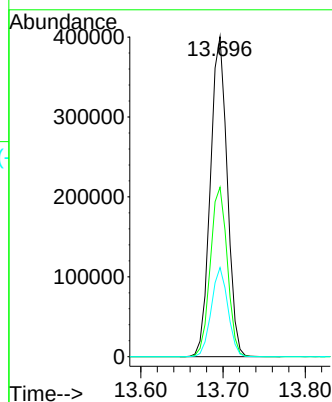
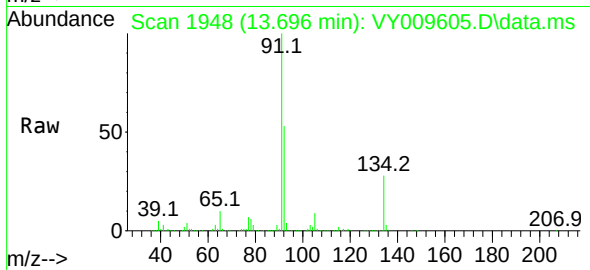
Tgt Ion: 91 Resp: 570397

Ion Ratio Lower Upper

91 100

92 53.4 26.3 78.9

134 27.4 13.0 38.9



#90

Hexachloroethane

Concen: 52.412 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY009605.D

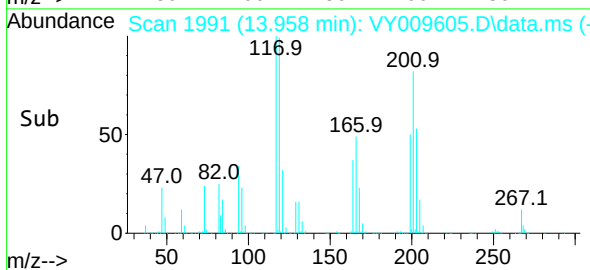
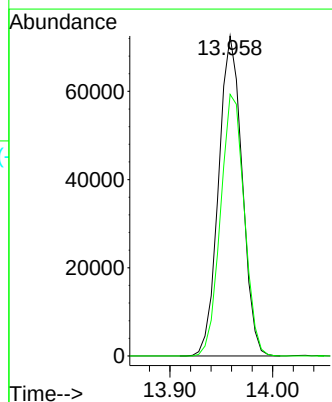
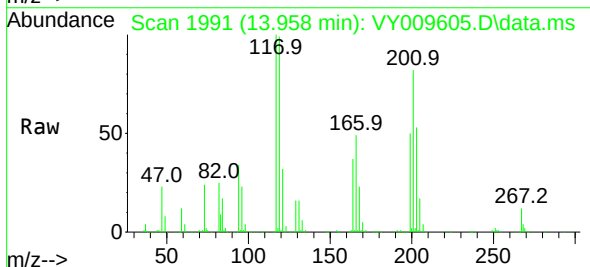
Acq: 20 Jul 2022 10:18

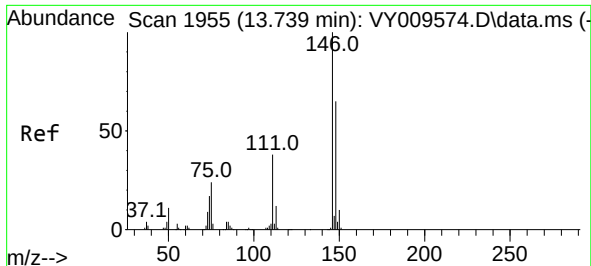
Tgt Ion: 117 Resp: 115170

Ion Ratio Lower Upper

117 100

201 82.4 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 52.691 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY009605.D

Acq: 20 Jul 2022 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

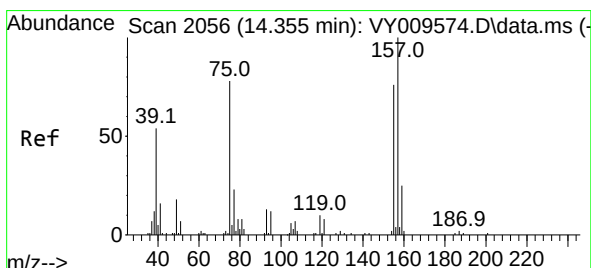
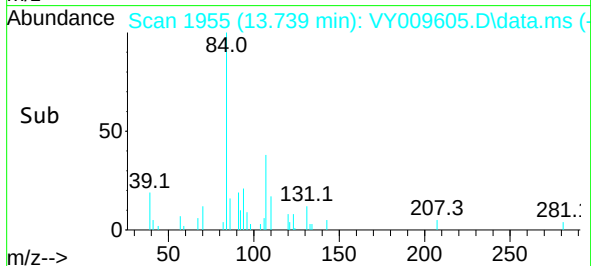
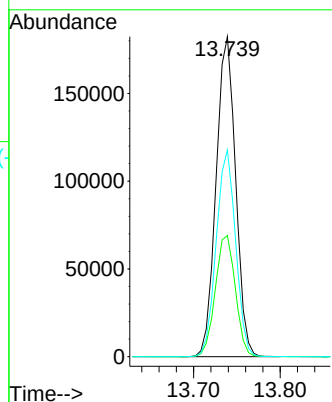
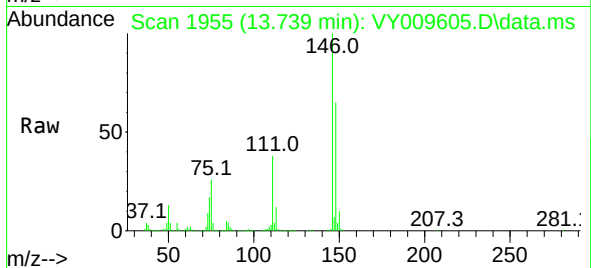
Tgt Ion:146 Resp: 285516

Ion Ratio Lower Upper

146 100

111 38.9 20.3 60.9

148 64.2 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.061 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY009605.D

Acq: 20 Jul 2022 10:18

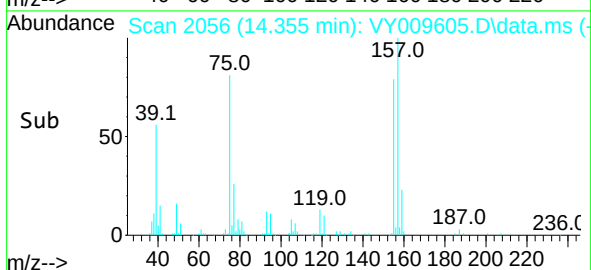
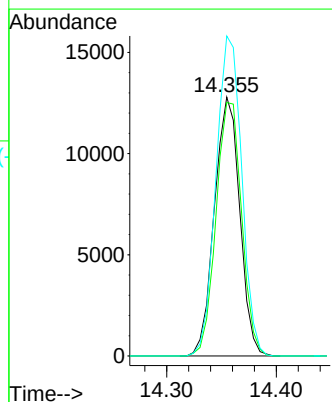
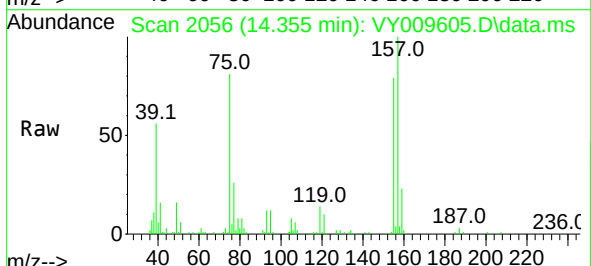
Tgt Ion: 75 Resp: 20538

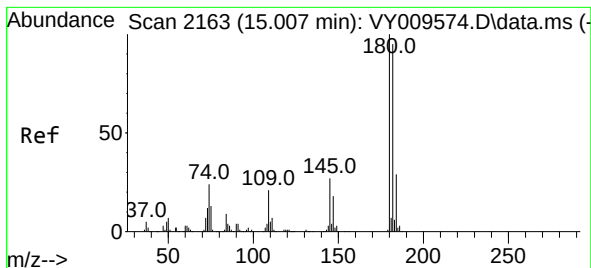
Ion Ratio Lower Upper

75 100

155 98.9 38.0 113.9

157 125.4 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 55.136 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY009605.D

Acq: 20 Jul 2022 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

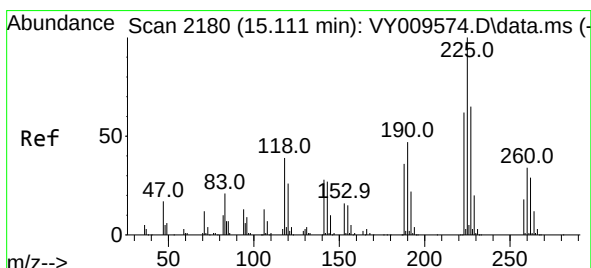
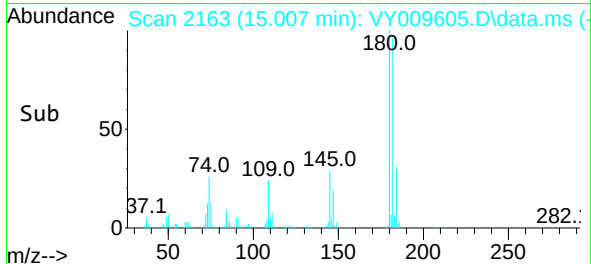
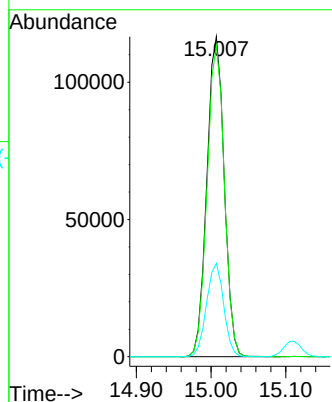
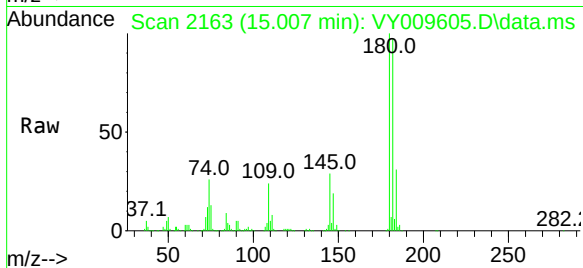
Tgt Ion:180 Resp: 187519

Ion Ratio Lower Upper

180 100

182 97.0 47.3 141.9

145 29.0 14.6 43.8



#94

Hexachlorobutadiene

Concen: 53.641 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY009605.D

Acq: 20 Jul 2022 10:18

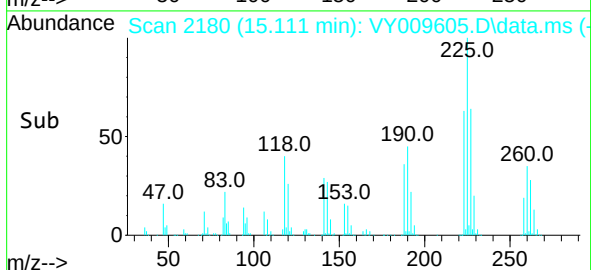
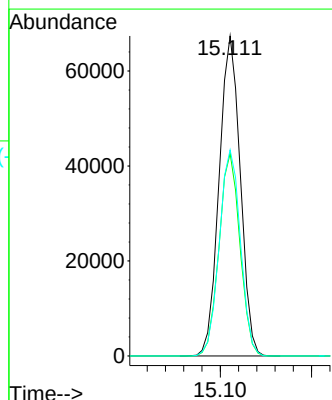
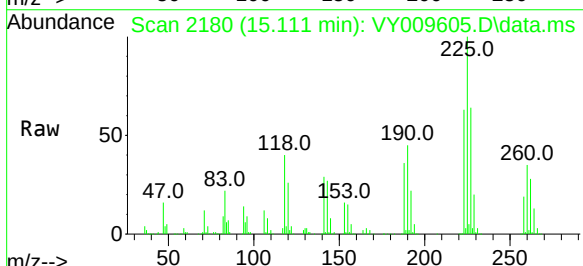
Tgt Ion:225 Resp: 108227

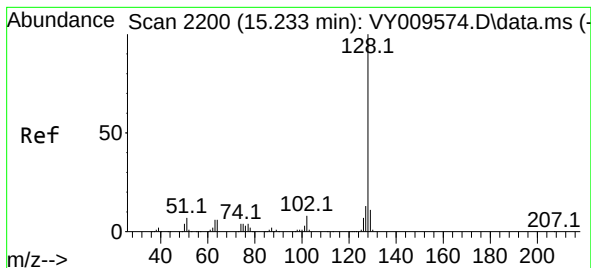
Ion Ratio Lower Upper

225 100

223 62.5 30.8 92.3

227 64.4 31.6 94.7





#95

Naphthalene

Concen: 57.275 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY009605.D

Acq: 20 Jul 2022 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

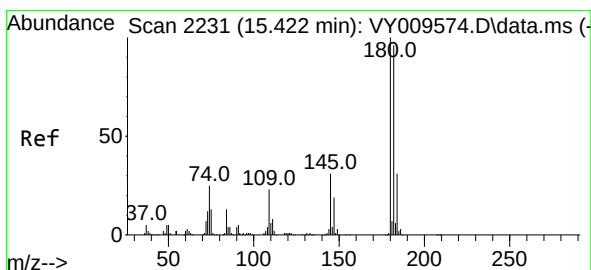
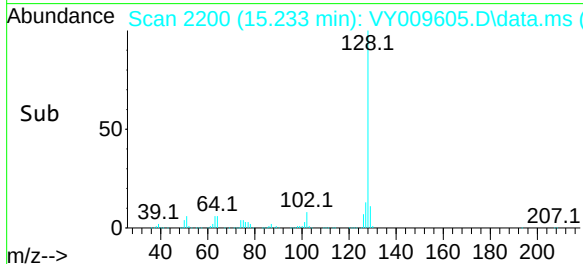
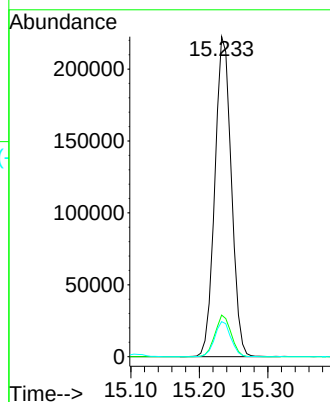
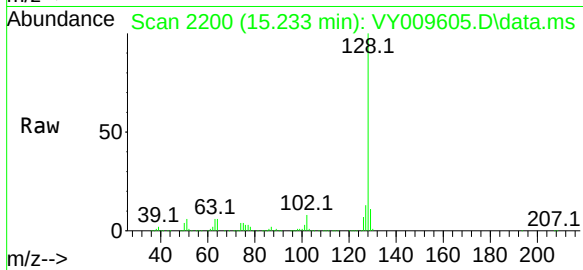
Tgt Ion:128 Resp: 371903

Ion Ratio Lower Upper

128 100

127 12.7 11.0 16.4

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 55.399 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY009605.D

Acq: 20 Jul 2022 10:18

Tgt Ion:180 Resp: 165506

Ion Ratio Lower Upper

180 100

182 95.4 47.3 141.9

145 30.7 15.3 45.9

