

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072922\
 Data File : VY009766.D
 Acq On : 29 Jul 2022 11:05
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 01 01:07:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	175657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	249997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	249630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127285	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	55140	46.836	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.680%
35) Dibromofluoromethane	7.710	113	64263	47.264	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.520%
50) Toluene-d8	10.179	98	194748	49.105	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	98.200%
62) 4-Bromofluorobenzene	12.477	95	90833	50.382	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	100.760%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	66642	42.616	ug/l	99
3) Chloromethane	2.107	50	103093	53.844	ug/l	97
4) Vinyl Chloride	2.241	62	115128	53.881	ug/l	99
5) Bromomethane	2.637	94	80481	54.333	ug/l	97
6) Chloroethane	2.784	64	72373	56.621	ug/l	100
7) Trichlorofluoromethane	3.113	101	130028	46.067	ug/l	91
8) Diethyl Ether	3.521	74	43452	47.494	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.887	101	73728	46.191	ug/l	95
10) Methyl Iodide	4.076	142	100745	48.645	ug/l	89
11) Tert butyl alcohol	4.942	59	34779	201.100	ug/l #	95
12) 1,1-Dichloroethene	3.857	96	69378	46.234	ug/l	86
13) Acrolein	3.722	56	7914	289.587	ug/l	99
14) Allyl chloride	4.466	41	109761	46.522	ug/l #	92
15) Acrylonitrile	5.149	53	110141	249.963	ug/l	97
16) Acetone	3.936	43	117509	279.792	ug/l	92
17) Carbon Disulfide	4.180	76	213020	46.139	ug/l	100
18) Methyl Acetate	4.466	43	50761	46.840	ug/l #	90
19) Methyl tert-butyl Ether	5.210	73	195747	47.770	ug/l	99
20) Methylene Chloride	4.704	84	95221	46.562	ug/l	86
21) trans-1,2-Dichloroethene	5.204	96	82972	47.586	ug/l	87
22) Diisopropyl ether	6.106	45	256872	51.124	ug/l	95
23) Vinyl Acetate	6.051	43	826387	244.641	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	140742	48.334	ug/l	98
25) 2-Butanone	6.972	43	163244	263.478	ug/l #	89
26) 2,2-Dichloropropane	6.972	77	125997	45.517	ug/l	94
27) cis-1,2-Dichloroethene	6.972	96	94523	48.328	ug/l	86
28) Bromochloromethane	7.325	49	53339	50.814	ug/l	87
29) Tetrahydrofuran	7.338	42	99767	254.278	ug/l	92
30) Chloroform	7.496	83	149031	48.924	ug/l	100
31) Cyclohexane	7.777	56	122205	43.725	ug/l	91
32) 1,1,1-Trichloroethane	7.691	97	129138	47.229	ug/l	96
36) 1,1-Dichloropropene	7.911	75	111296	50.305	ug/l	95
37) Ethyl Acetate	7.063	43	67185	51.236	ug/l	97
38) Carbon Tetrachloride	7.892	117	120632	50.885	ug/l	98
39) Methylcyclohexane	9.179	83	132648	48.401	ug/l	89
40) Benzene	8.155	78	337698	51.515	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	91544	137.026	ug/l #	1
42) 1,2-Dichloroethane	8.228	62	96277	52.679	ug/l	92
43) Isopropyl Acetate	8.264	43	119353	52.098	ug/l #	93
44) Trichloroethene	8.935	130	94290	50.141	ug/l	99
45) 1,2-Dichloropropane	9.209	63	83926	52.730	ug/l	97
46) Dibromomethane	9.301	93	50206	53.020	ug/l	96
47) Bromodichloromethane	9.490	83	114807	52.775	ug/l	97
48) Methyl methacrylate	9.289	41	53807	53.411	ug/l #	88
49) 1,4-Dioxane	9.289	88	14333	1036.534	ug/l #	75
51) 4-Methyl-2-Pentanone	10.069	43	336668	288.874	ug/l	93
52) Toluene	10.240	92	217114	52.877	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	125699	55.951	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	135025	52.331	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	73129	54.619	ug/l	98
56) Ethyl methacrylate	10.508	69	95297	57.132	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	121572	55.831	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	217152	253.489	ug/l	95
59) 2-Hexanone	10.831	43	252228	303.676	ug/l	90
60) Dibromochloromethane	10.983	129	93689	57.854	ug/l	99
61) 1,2-Dibromoethane	11.087	107	71819	55.068	ug/l	100
64) Tetrachloroethene	10.715	164	96062	48.806	ug/l	98
65) Chlorobenzene	11.514	112	243891	48.688	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	93779	50.308	ug/l	98
67) Ethyl Benzene	11.593	91	431723	49.862	ug/l	97
68) m/p-Xylenes	11.697	106	344498	100.231	ug/l	91
69) o-Xylene	12.026	106	156035	48.545	ug/l	90
70) Styrene	12.044	104	272005	50.352	ug/l	93
71) Bromoform	12.203	173	59490	49.977	ug/l #	100
73) Isopropylbenzene	12.325	105	398681	47.118	ug/l	99
74) N-amyl acetate	12.142	43	115042	52.638	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	82220	49.401	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	109269	92.421	ug/l #	100
77) Bromobenzene	12.605	156	103690	49.344	ug/l	90
78) n-propylbenzene	12.672	91	480000	47.735	ug/l	98
79) 2-Chlorotoluene	12.751	91	270816	47.588	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	335412	47.830	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	29512	49.756	ug/l	88
82) 4-Chlorotoluene	12.855	91	283623	47.909	ug/l	95
83) tert-Butylbenzene	13.074	119	288524	45.783	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	336907	47.665	ug/l	97
85) sec-Butylbenzene	13.251	105	426411	46.085	ug/l	99
86) p-Isopropyltoluene	13.367	119	363890	46.498	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	205175	48.356	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	201911	47.255	ug/l	98
89) n-Butylbenzene	13.696	91	320666	44.725	ug/l	99
90) Hexachloroethane	13.958	117	69497	45.144	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	183753	48.492	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12825	45.858	ug/l	68
93) 1,2,4-Trichlorobenzene	15.007	180	109099	45.617	ug/l	98
94) Hexachlorobutadiene	15.111	225	56838	39.251	ug/l	100
95) Naphthalene	15.233	128	222762	49.690	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	97686	46.699	ug/l	98

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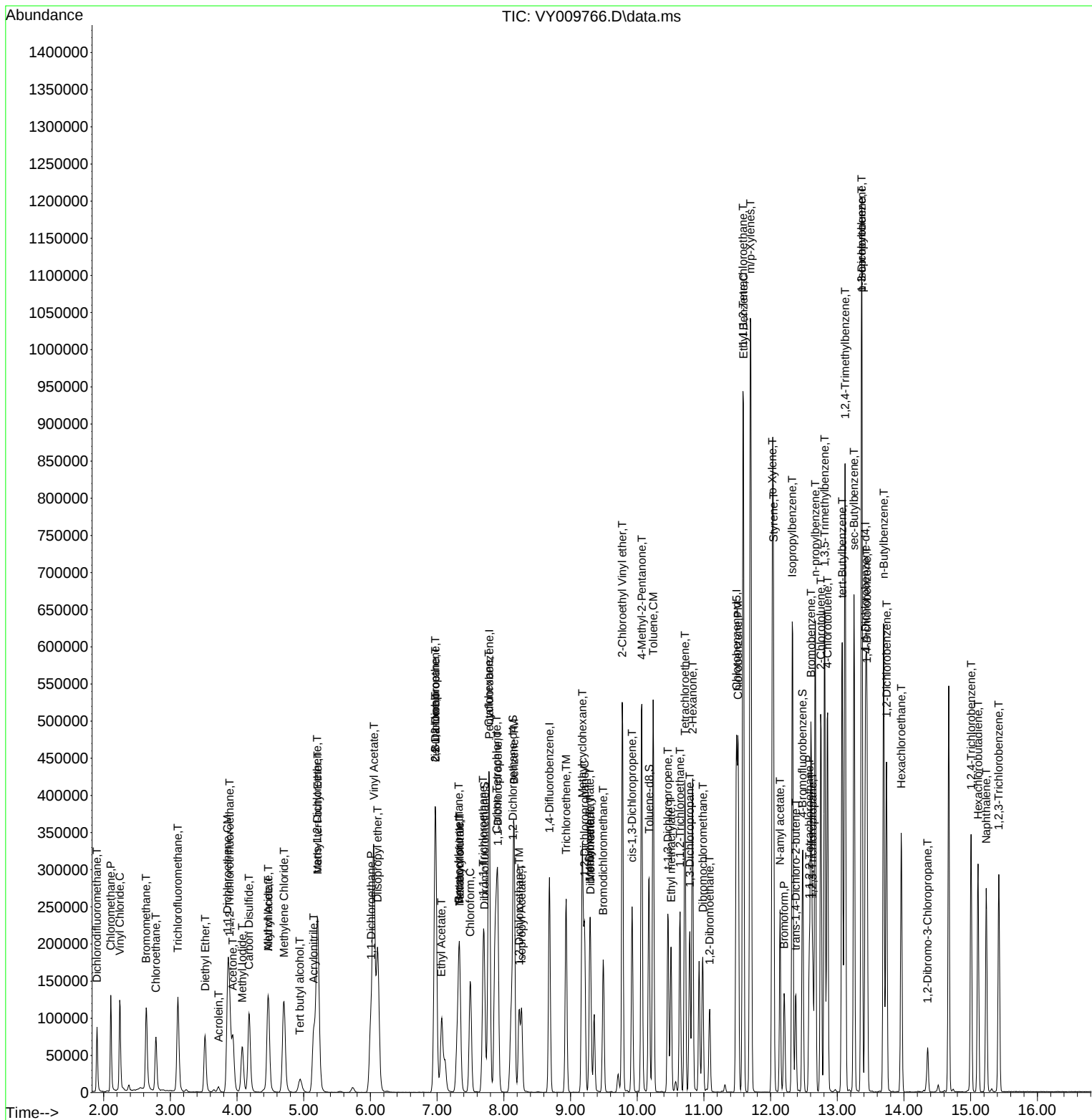
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

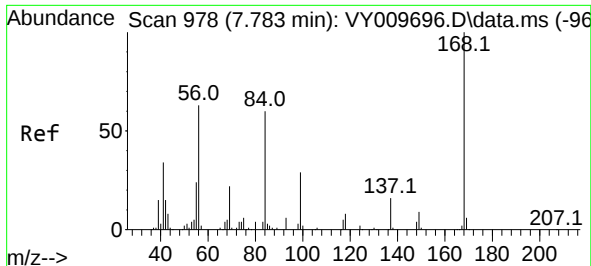
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Response via : Initial Calibration

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

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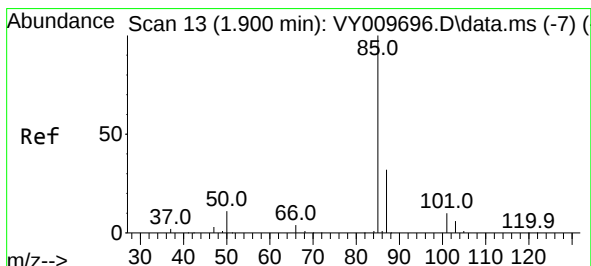
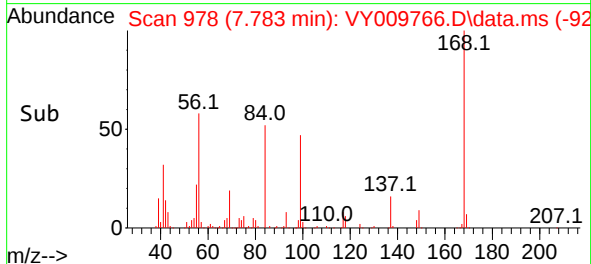
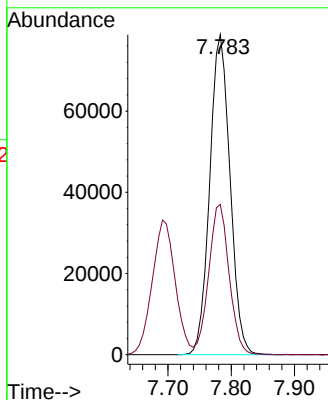
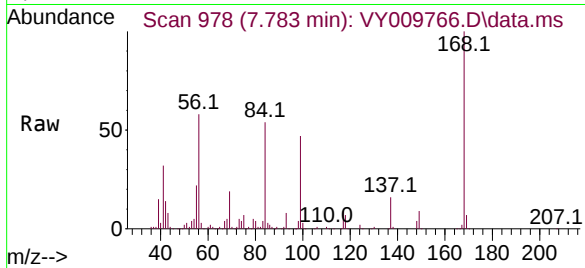




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009766.D
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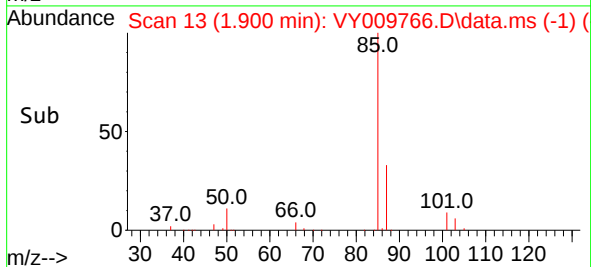
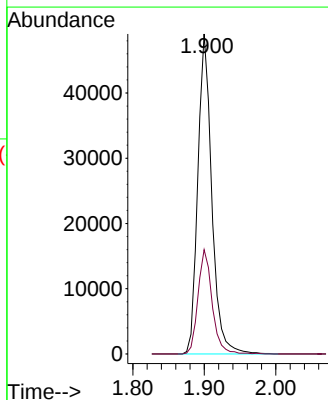
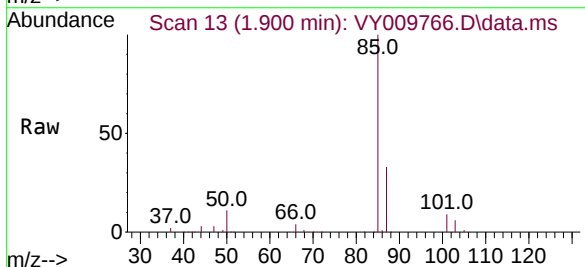
Instrument :
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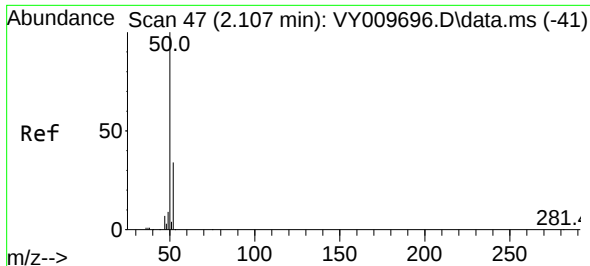
Tgt Ion:168 Resp: 175657
Ion Ratio Lower Upper
168 100
99 46.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 42.616 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

Tgt Ion: 85 Resp: 66642
Ion Ratio Lower Upper
85 100
87 32.6 16.1 48.2

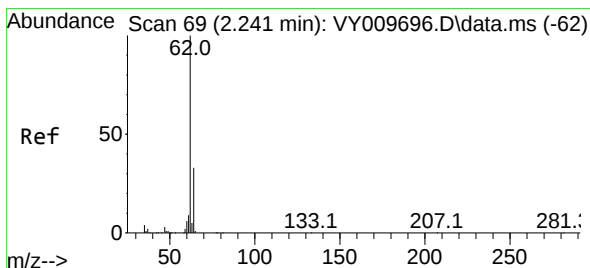
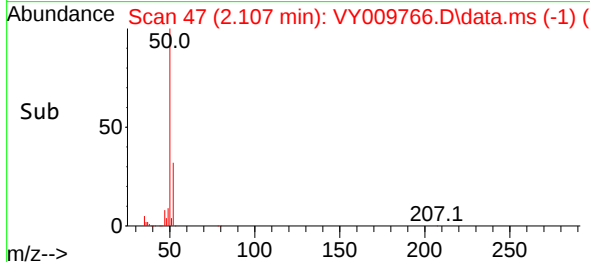
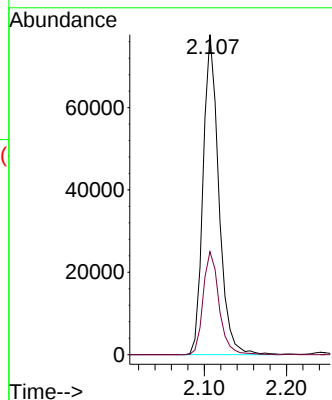
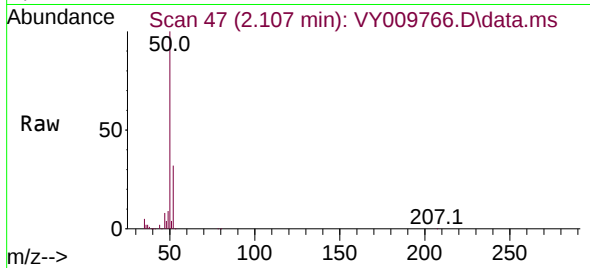




#3
Chloromethane
Concen: 53.844 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

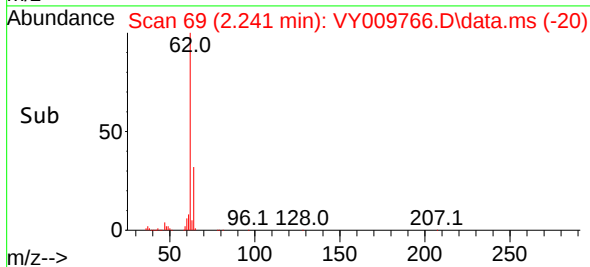
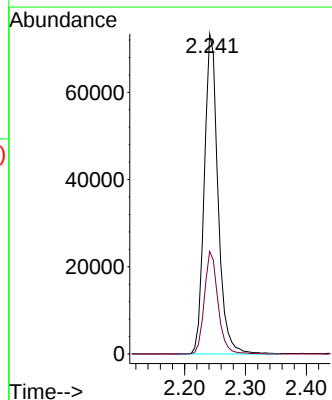
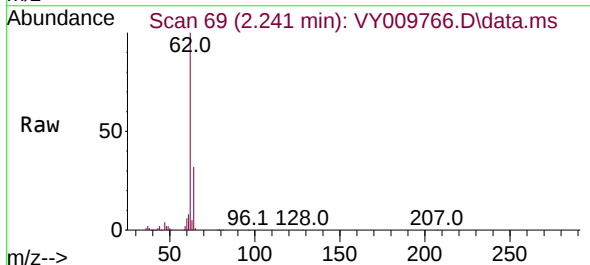
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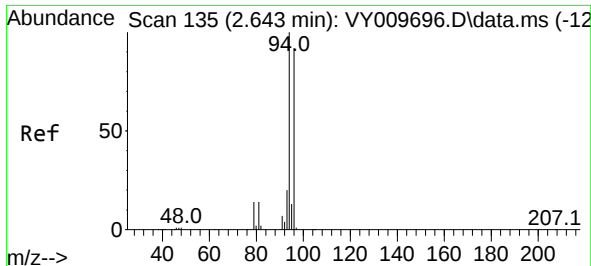
Tgt Ion: 50 Resp: 103093
Ion Ratio Lower Upper
50 100
52 32.2 24.6 37.0



#4
Vinyl Chloride
Concen: 53.881 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

Tgt Ion: 62 Resp: 115128
Ion Ratio Lower Upper
62 100
64 32.1 25.0 37.6

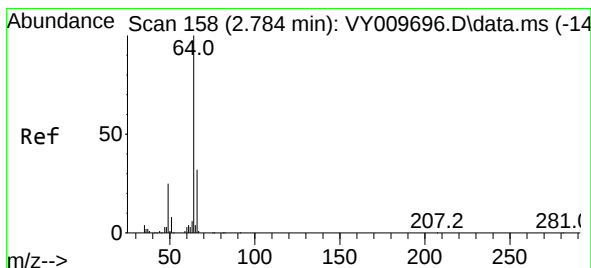
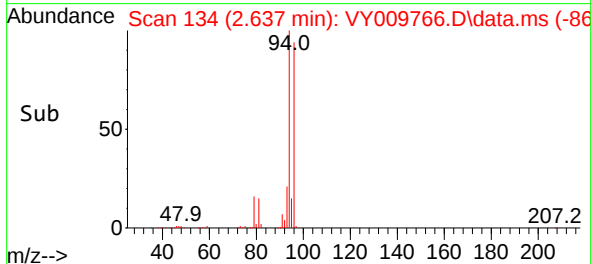
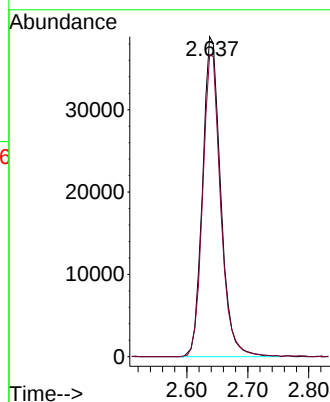
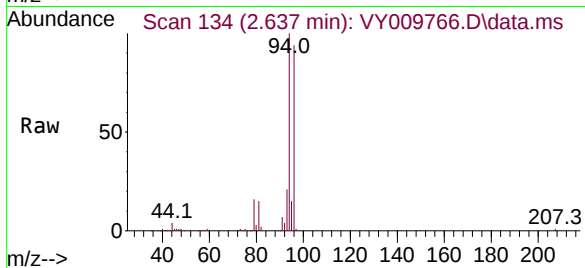




#5
Bromomethane
Concen: 54.333 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

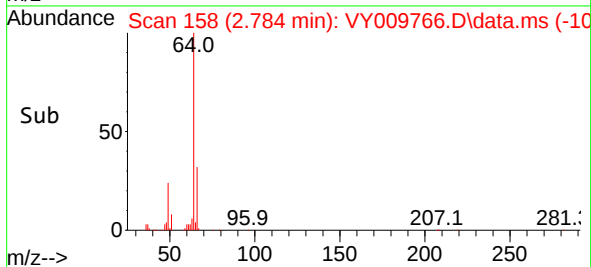
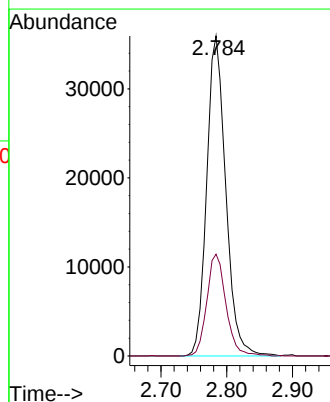
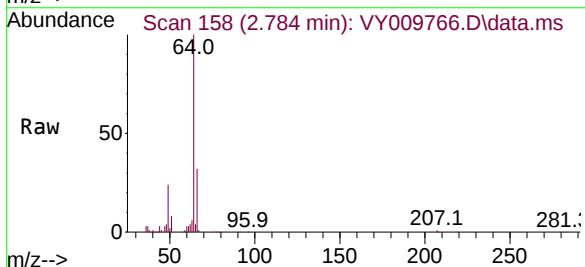
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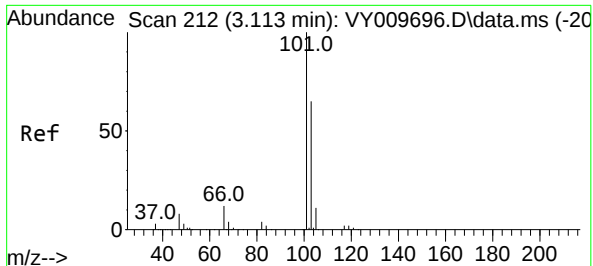
Tgt Ion: 94 Resp: 80481
Ion Ratio Lower Upper
94 100
96 94.4 73.5 110.3



#6
Chloroethane
Concen: 56.621 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

Tgt Ion: 64 Resp: 72373
Ion Ratio Lower Upper
64 100
66 31.8 25.4 38.0

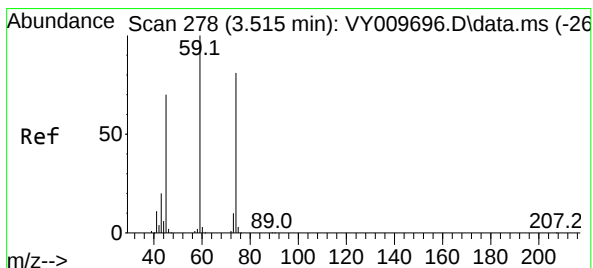
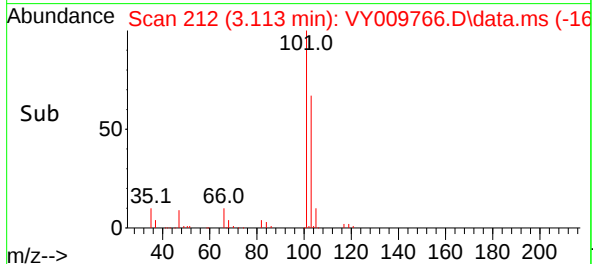
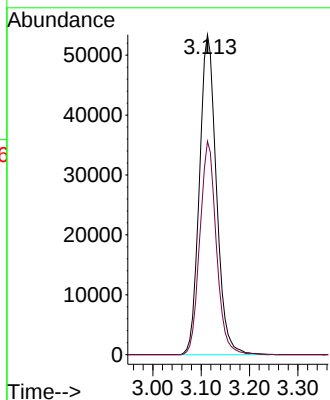
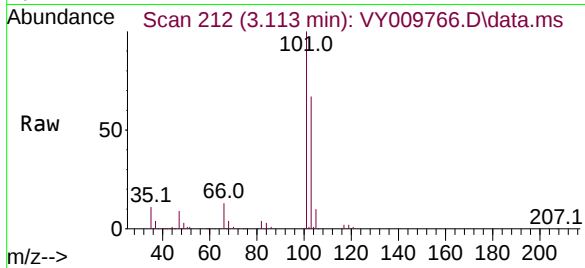




#7
 Trichlorofluoromethane
 Concen: 46.067 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VY009766.D
 Acq: 29 Jul 2022 11:05

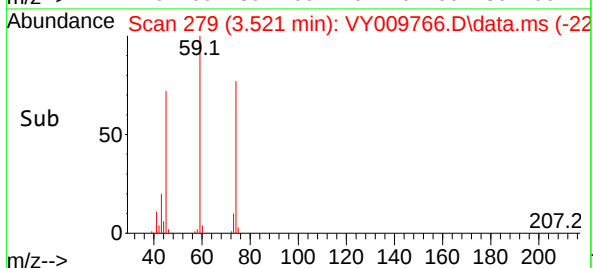
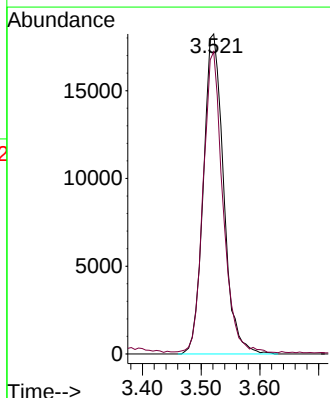
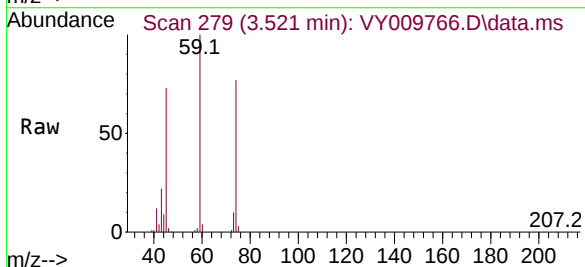
Instrument :
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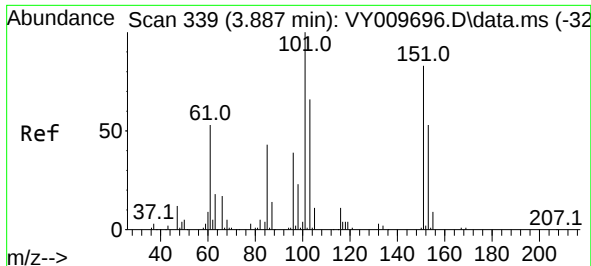
Tgt Ion:101 Resp: 130028
 Ion Ratio Lower Upper
 101 100
 103 66.7 48.0 72.0



#8
 Diethyl Ether
 Concen: 47.494 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.006 min
 Lab File: VY009766.D
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Tgt Ion: 74 Resp: 43452
 Ion Ratio Lower Upper
 74 100
 45 91.6 55.1 165.5

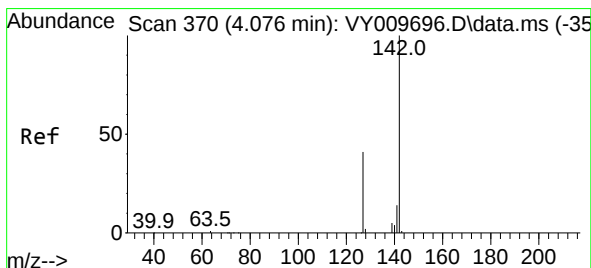
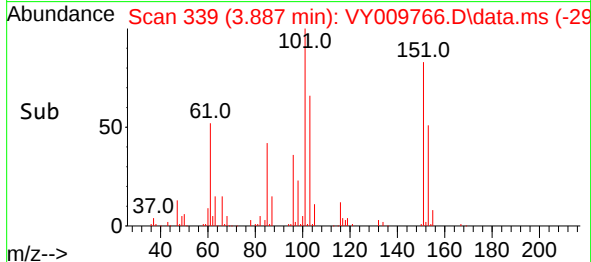
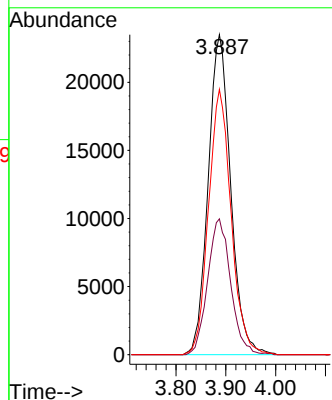
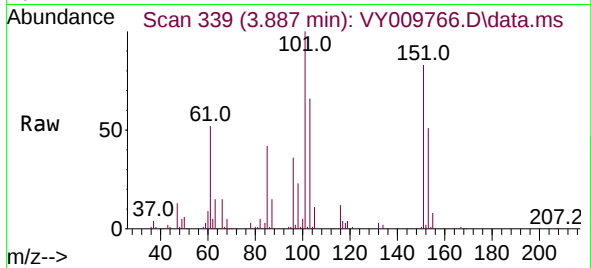




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.191 ug/l
RT: 3.887 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

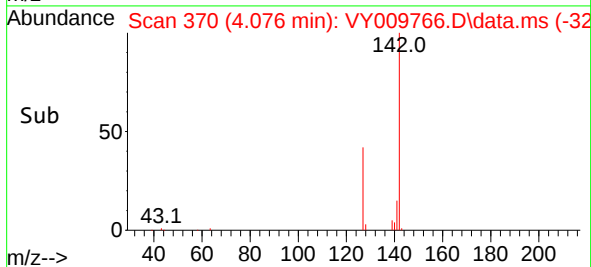
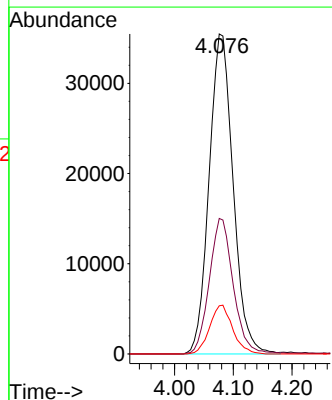
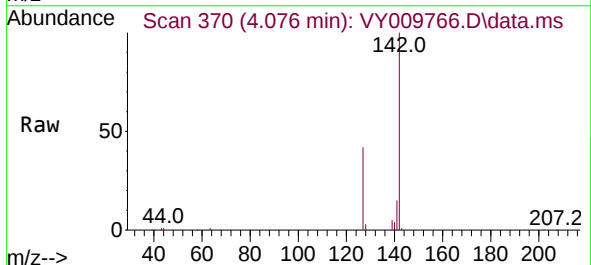
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

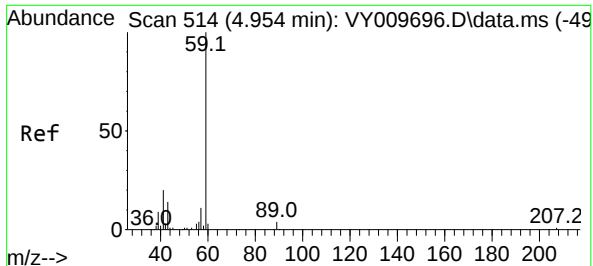
Tgt Ion:101 Resp: 73728
Ion Ratio Lower Upper
101 100
85 43.4 40.6 60.8
151 83.2 64.9 97.3



#10
Methyl Iodide
Concen: 48.645 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

Tgt Ion:142 Resp: 100745
Ion Ratio Lower Upper
142 100
127 42.2 41.5 62.3
141 14.6 11.9 17.9

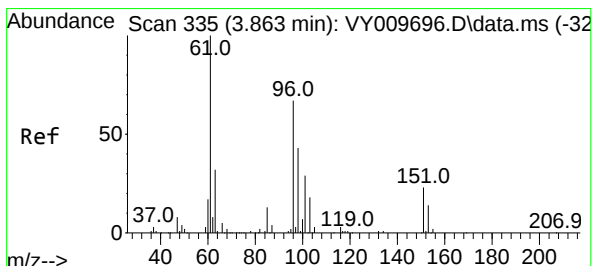
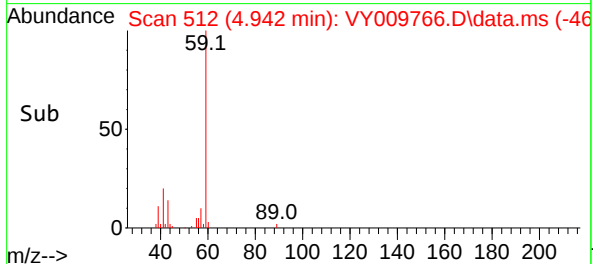
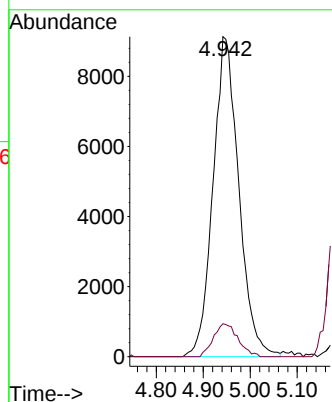
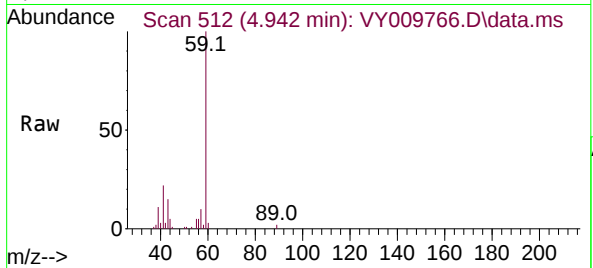




#11
Tert butyl alcohol
Concen: 201.100 ug/l
RT: 4.942 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

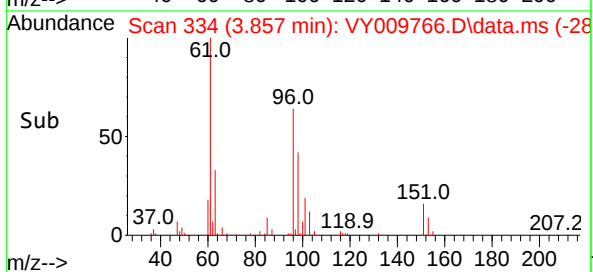
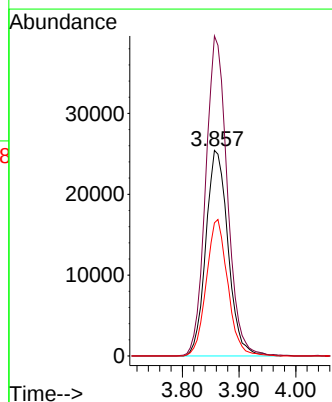
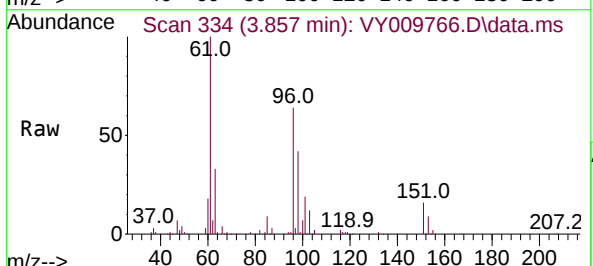
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

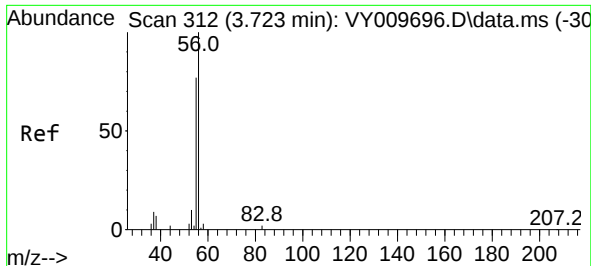
Tgt Ion: 59 Resp: 34779
Ion Ratio Lower Upper
59 100
57 9.8 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 46.234 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

Tgt Ion: 96 Resp: 69378
Ion Ratio Lower Upper
96 100
61 155.5 145.8 218.6
98 64.8 52.5 78.7

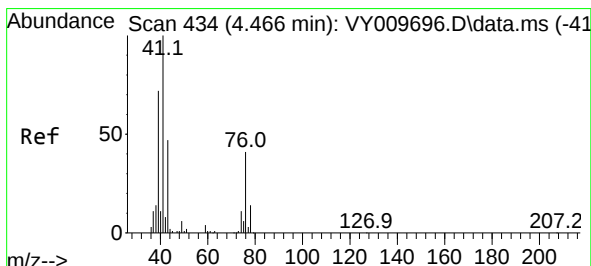
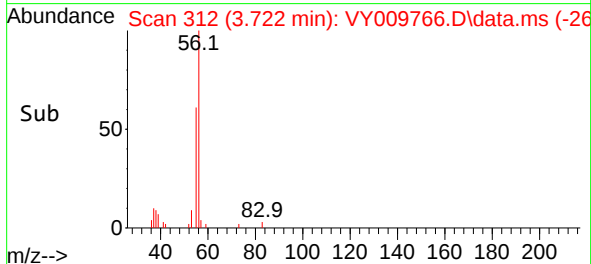
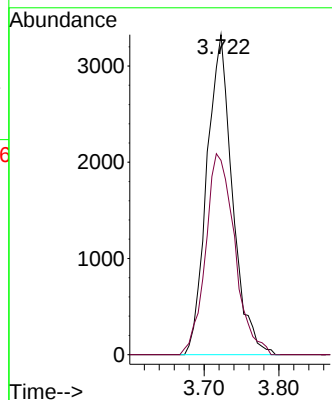
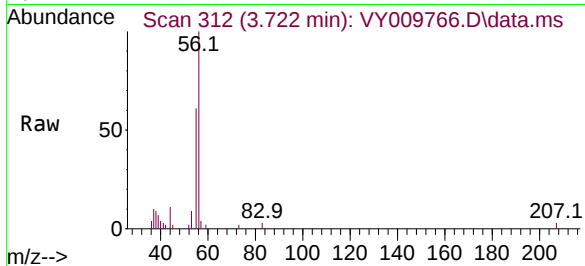




#13
Acrolein
Concen: 289.587 ug/l
RT: 3.722 min Scan# 312
Delta R.T. -0.001 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

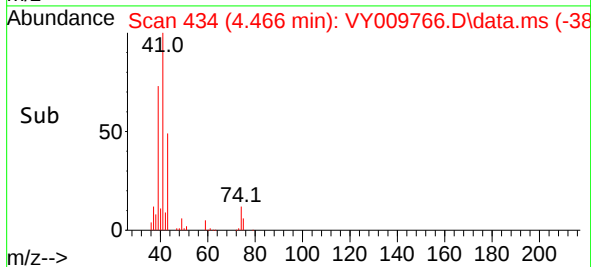
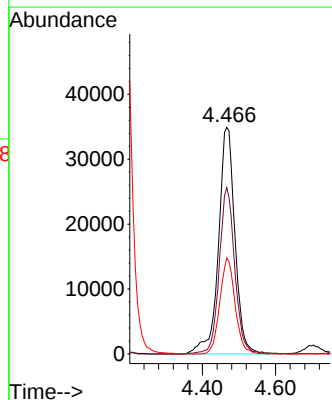
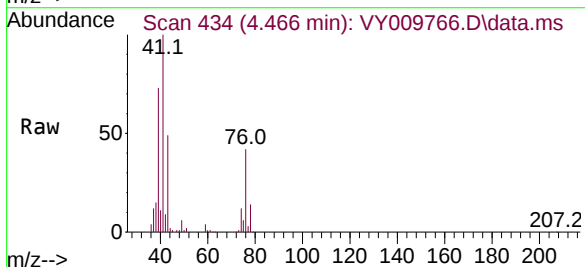
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

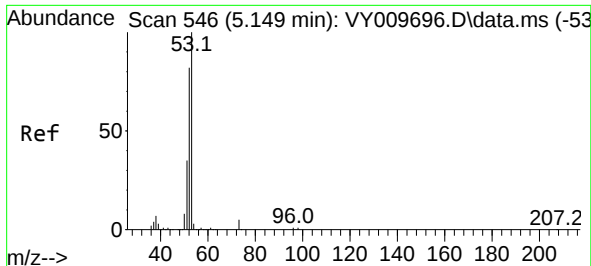
Tgt Ion: 56 Resp: 7914
Ion Ratio Lower Upper
56 100
55 71.6 57.6 86.4



#14
Allyl chloride
Concen: 46.522 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

Tgt Ion: 41 Resp: 109761
Ion Ratio Lower Upper
41 100
39 69.1 58.8 88.2
76 39.0 25.1 37.7#

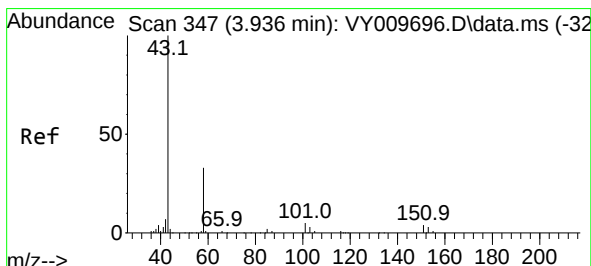
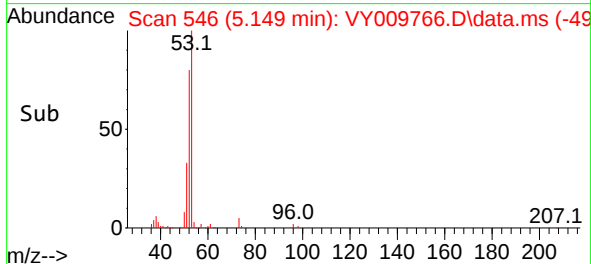
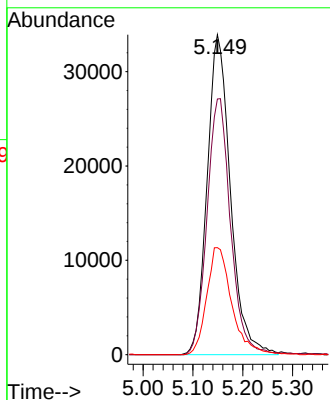
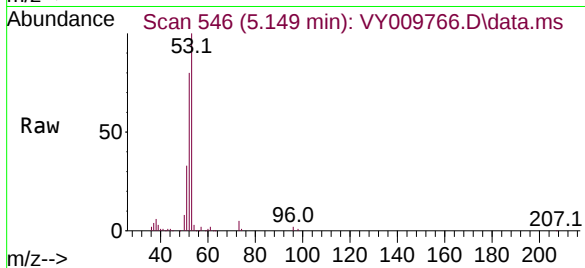




#15
Acrylonitrile
Concen: 249.963 ug/l
RT: 5.149 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

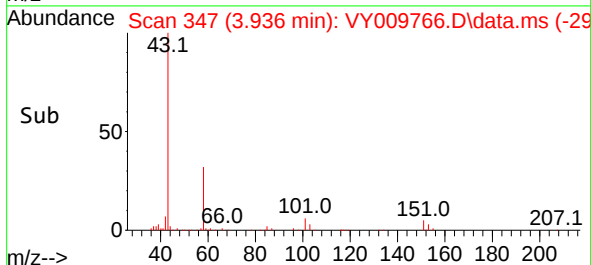
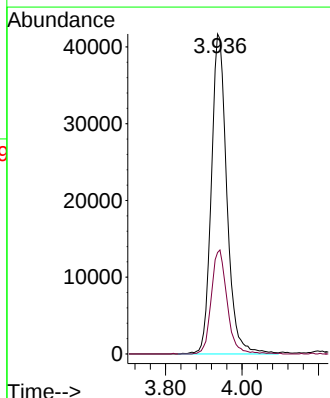
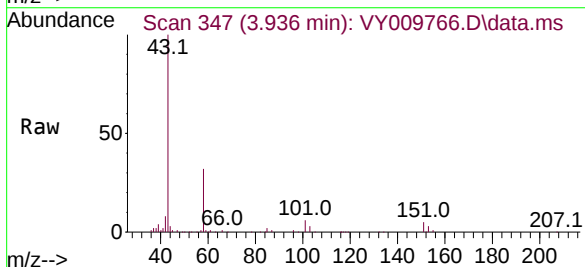
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

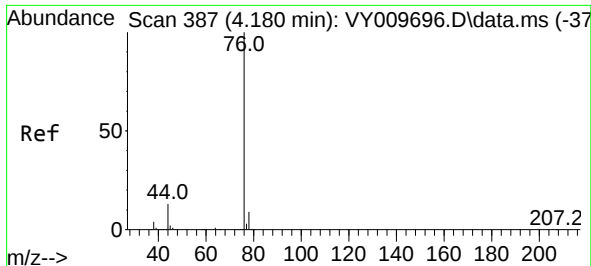
Tgt Ion: 53 Resp: 110141
Ion Ratio Lower Upper
53 100
52 81.1 67.0 100.4
51 36.1 29.8 44.6



#16
Acetone
Concen: 279.792 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

Tgt Ion: 43 Resp: 117509
Ion Ratio Lower Upper
43 100
58 31.7 22.0 33.0

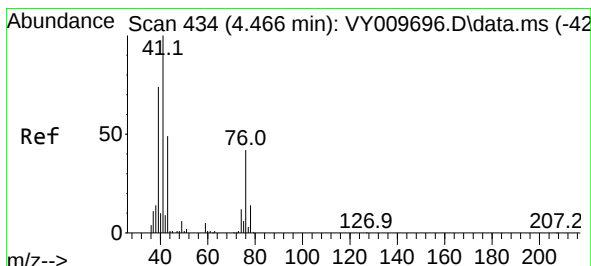
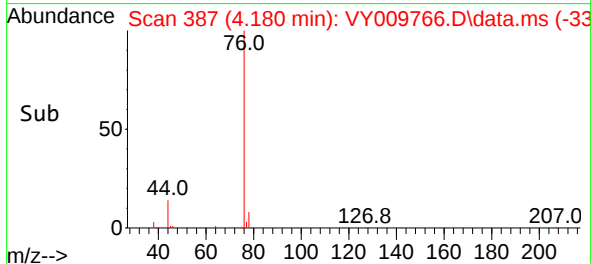
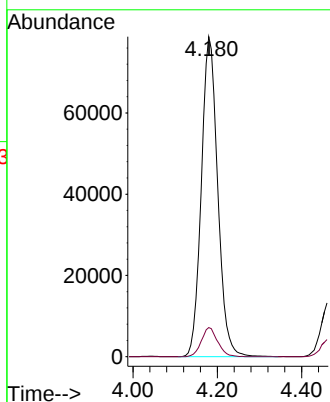
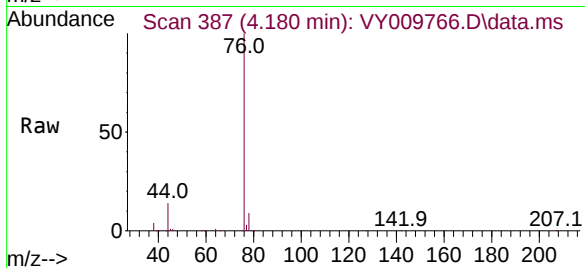




#17
Carbon Disulfide
Concen: 46.139 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

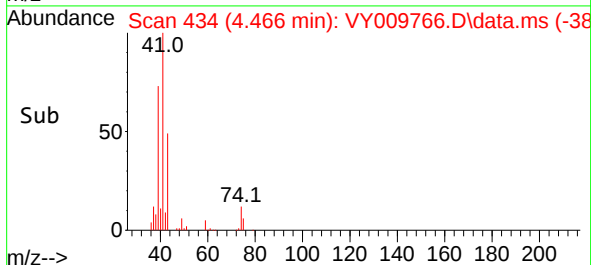
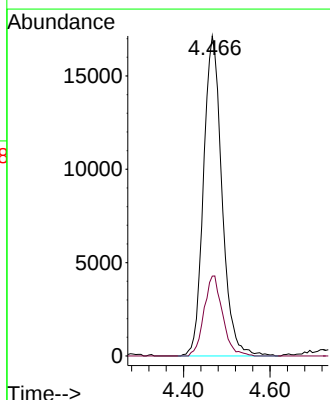
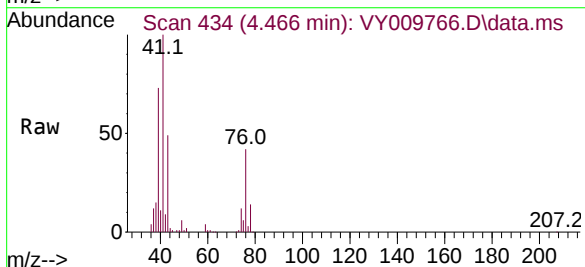
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

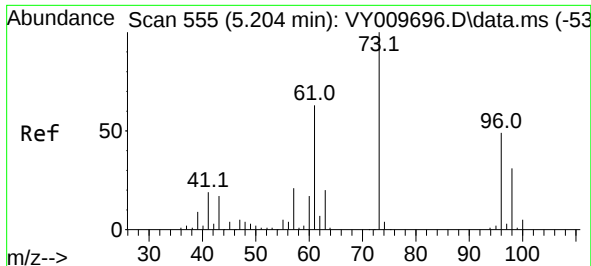
Tgt Ion: 76 Resp: 213020
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 46.840 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

Tgt Ion: 43 Resp: 50761
Ion Ratio Lower Upper
43 100
74 25.1 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 47.770 ug/l

RT: 5.210 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY009766.D

Acq: 29 Jul 2022 11:05

Instrument :

MSVOA_Y

ClientSampleId :

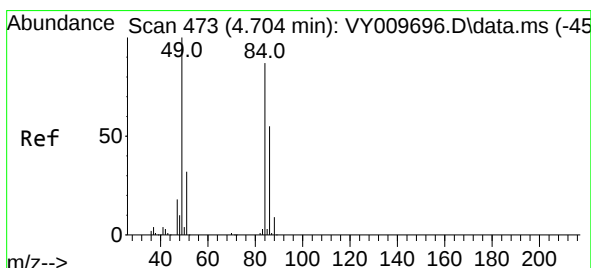
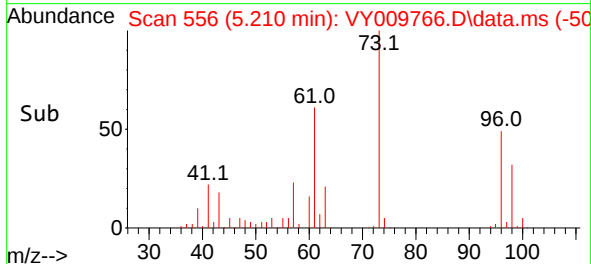
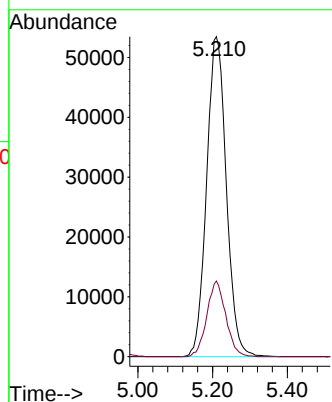
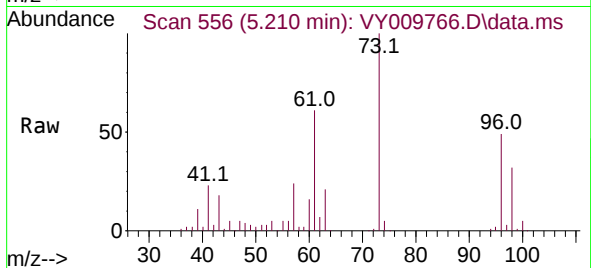
VSTDCCC050

Tgt Ion: 73 Resp: 195747

Ion Ratio Lower Upper

73 100

57 23.7 18.6 27.8



#20

Methylene Chloride

Concen: 46.562 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.000 min

Lab File: VY009766.D

Acq: 29 Jul 2022 11:05

Tgt Ion: 84 Resp: 95221

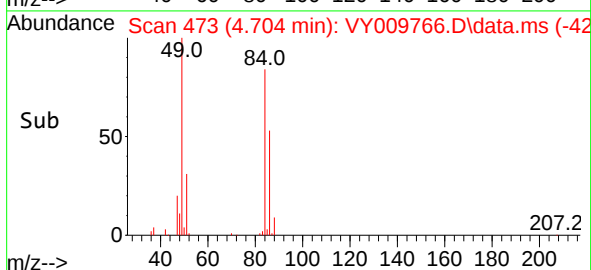
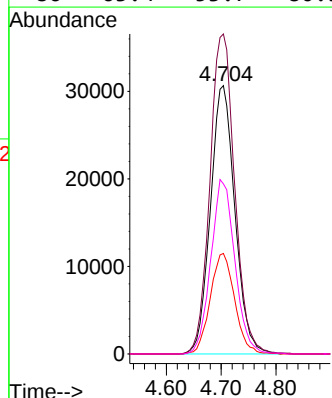
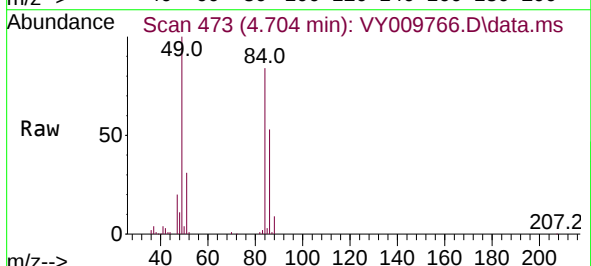
Ion Ratio Lower Upper

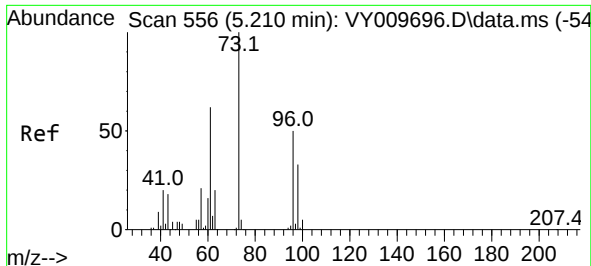
84 100

49 119.2 114.4 171.6

51 37.4 35.3 52.9

86 63.4 53.7 80.5

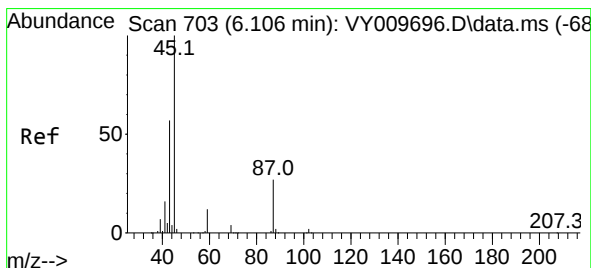
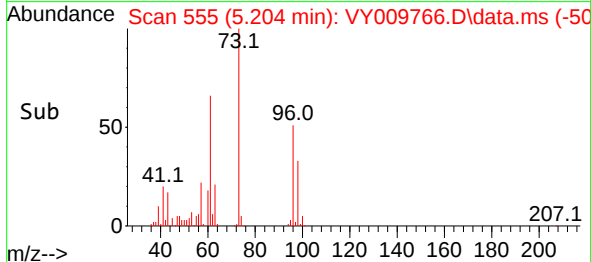
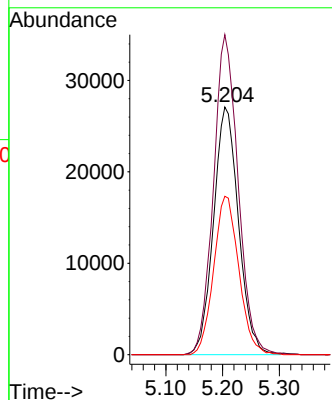
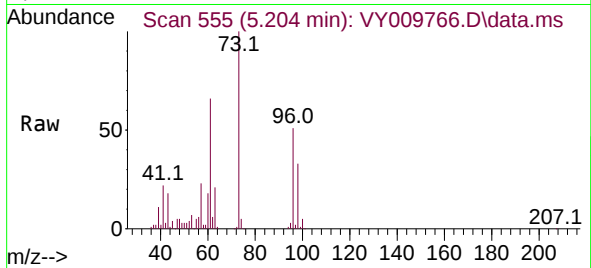




#21
trans-1,2-Dichloroethene
Concen: 47.586 ug/l
RT: 5.204 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

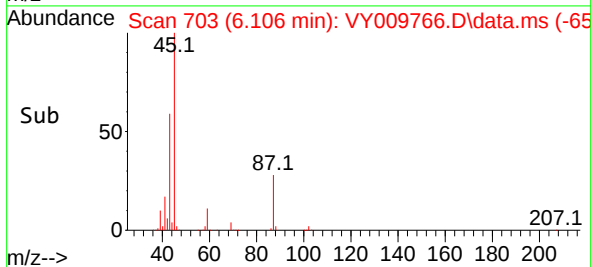
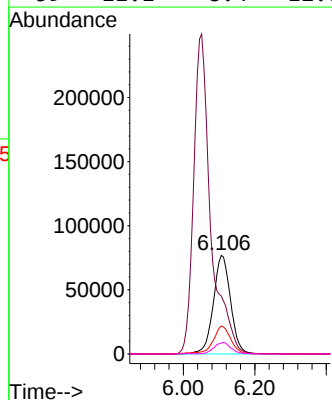
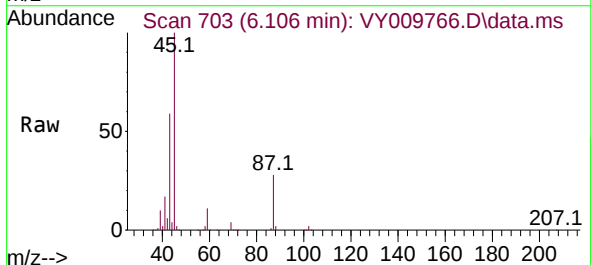
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

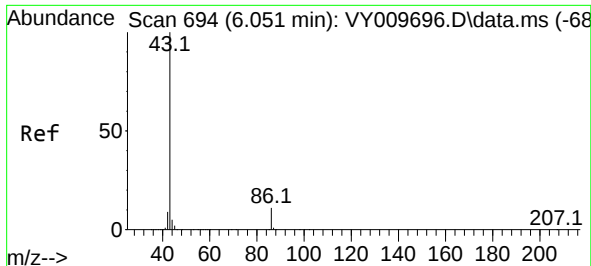
Tgt Ion: 96 Resp: 82972
Ion Ratio Lower Upper
96 100
61 129.2 120.5 180.7
98 64.0 49.8 74.8



#22
Diisopropyl ether
Concen: 51.124 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

Tgt Ion: 45 Resp: 256872
Ion Ratio Lower Upper
45 100
43 58.5 49.3 73.9
87 28.3 19.2 28.8
59 11.1 8.4 12.6

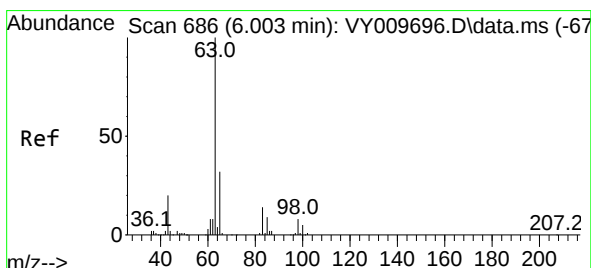
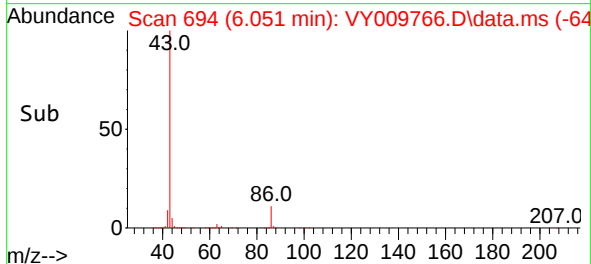
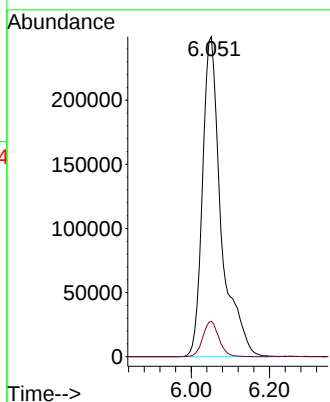
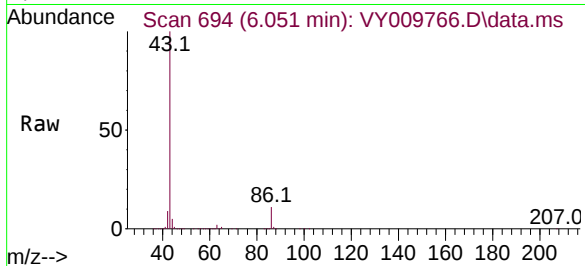




#23
 Vinyl Acetate
 Concen: 244.641 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY009766.D
 Acq: 29 Jul 2022 11:05

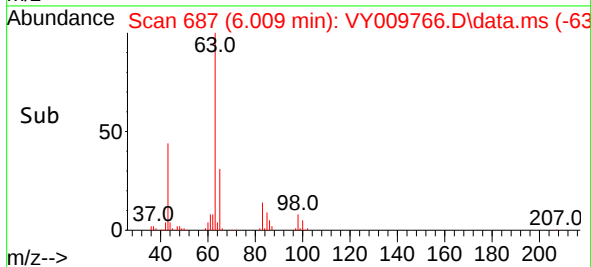
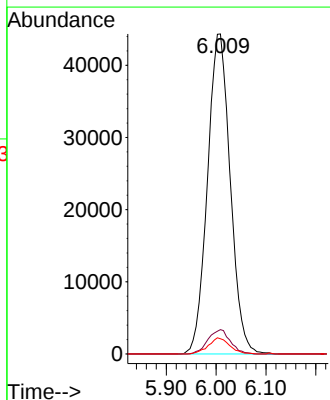
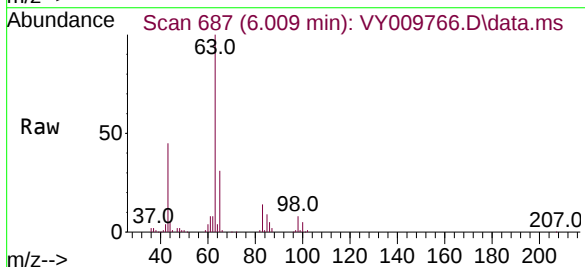
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

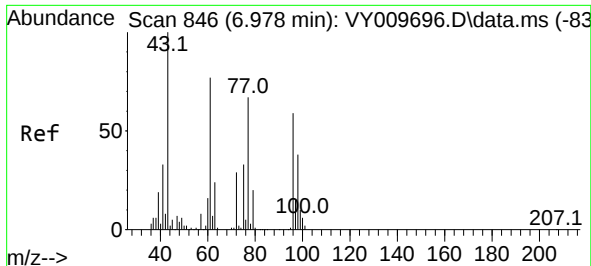
Tgt Ion: 43 Resp: 826387
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 48.334 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY009766.D
 Acq: 29 Jul 2022 11:05

Tgt Ion: 63 Resp: 140742
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.8
 100 4.8 2.0 5.8

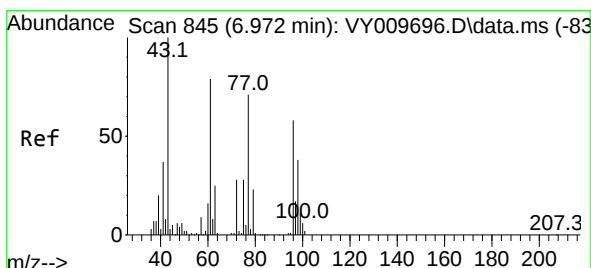
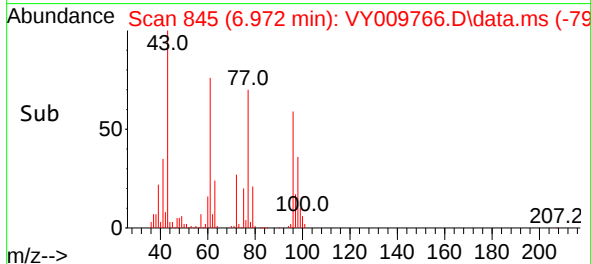
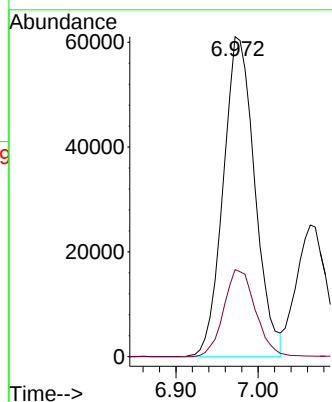
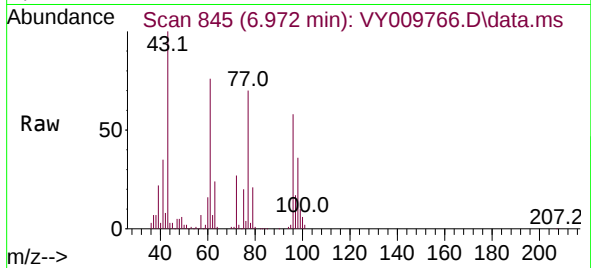




#25
2-Butanone
Concen: 263.478 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

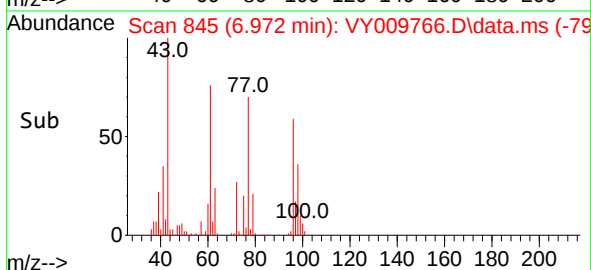
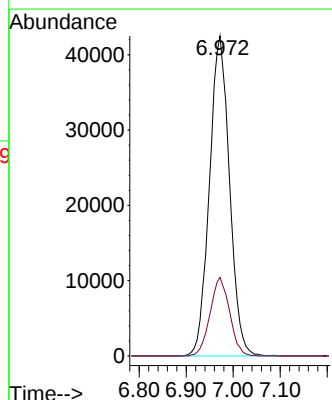
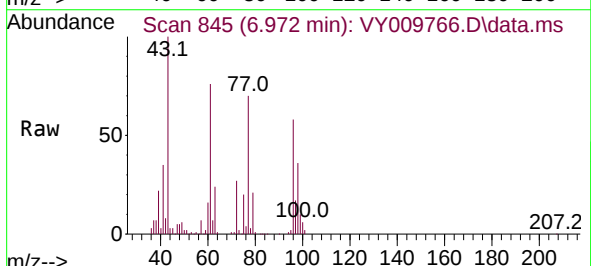
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

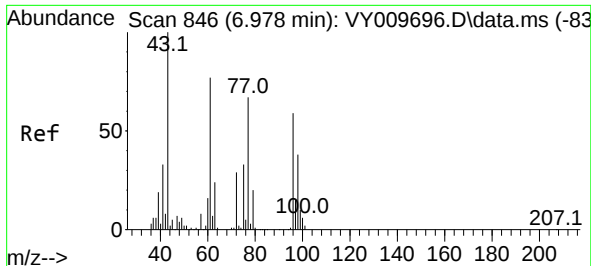
Tgt Ion: 43 Resp: 163244
Ion Ratio Lower Upper
43 100
72 27.2 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 45.517 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

Tgt Ion: 77 Resp: 125997
Ion Ratio Lower Upper
77 100
97 23.9 10.4 31.4

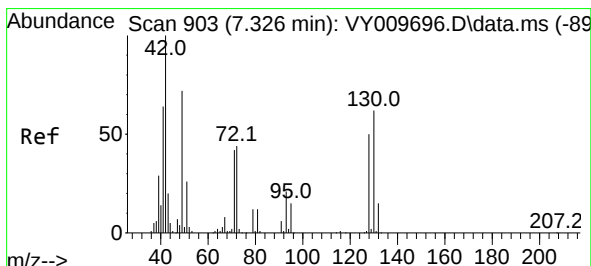
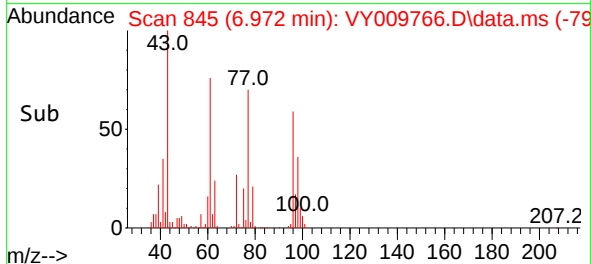
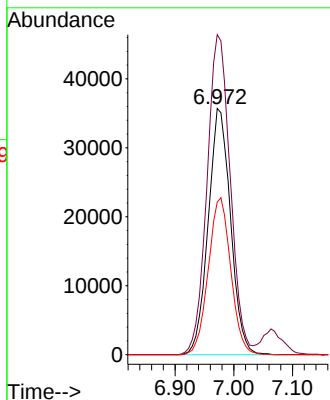
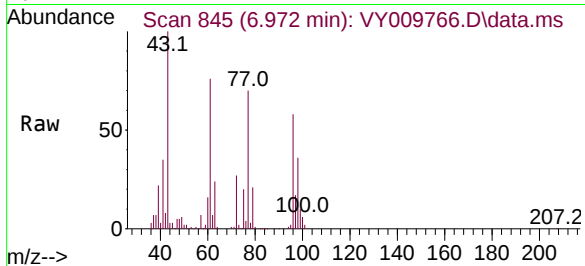




#27
 cis-1,2-Dichloroethene
 Concen: 48.328 ug/l
 RT: 6.972 min Scan# 846
 Delta R.T. -0.006 min
 Lab File: VY009766.D
 Acq: 29 Jul 2022 11:05

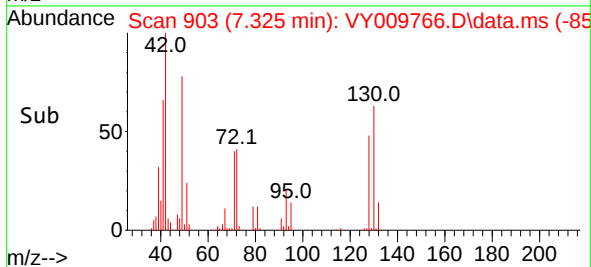
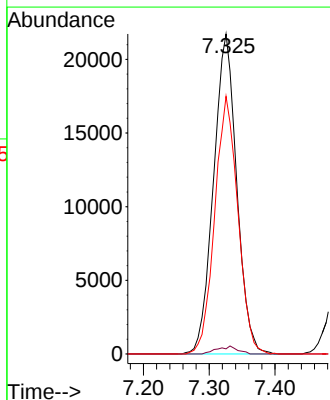
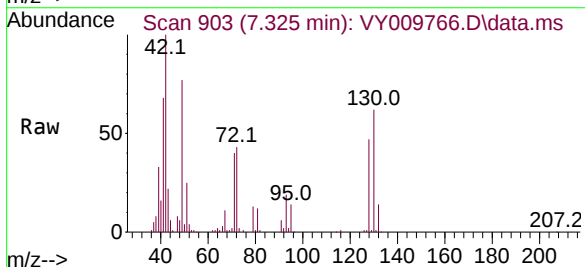
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

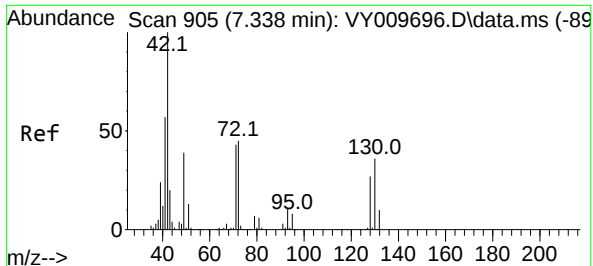
Tgt Ion: 96 Resp: 94523
 Ion Ratio Lower Upper
 96 100
 61 135.1 0.0 319.8
 98 64.0 0.0 127.0



#28
 Bromochloromethane
 Concen: 50.814 ug/l
 RT: 7.325 min Scan# 903
 Delta R.T. -0.001 min
 Lab File: VY009766.D
 Acq: 29 Jul 2022 11:05

Tgt Ion: 49 Resp: 53339
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 2.2
 130 80.2 55.4 83.0





#29

Tetrahydrofuran

Concen: 254.278 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY009766.D

Acq: 29 Jul 2022 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

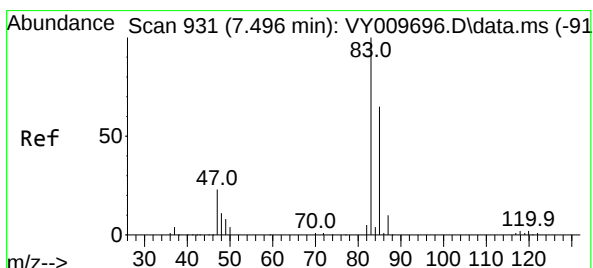
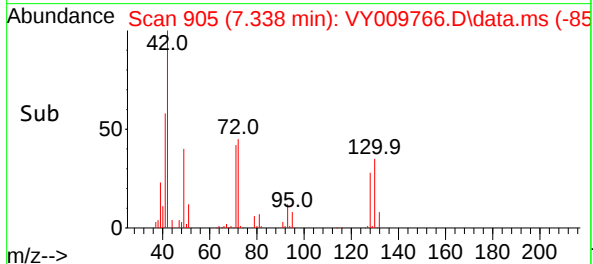
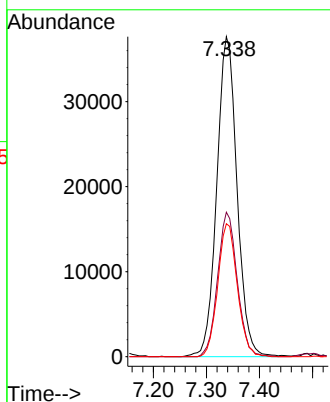
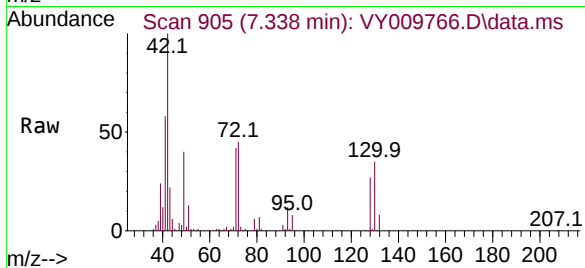
Tgt Ion: 42 Resp: 99767

Ion Ratio Lower Upper

42 100

72 43.6 30.3 45.5

71 40.0 29.0 43.4



#30

Chloroform

Concen: 48.924 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY009766.D

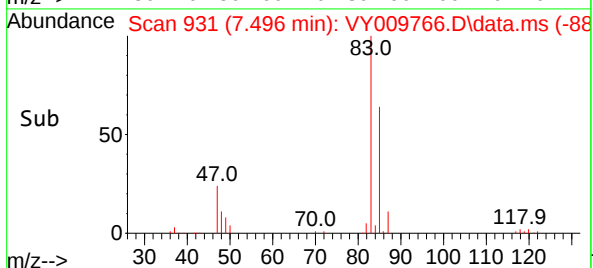
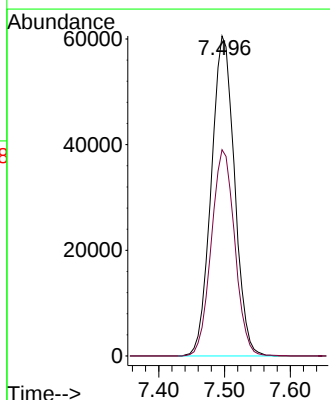
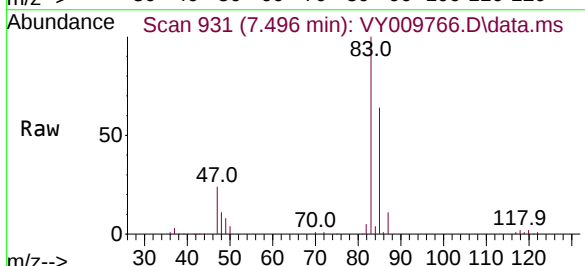
Acq: 29 Jul 2022 11:05

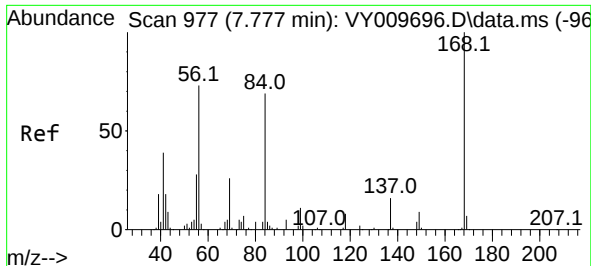
Tgt Ion: 83 Resp: 149031

Ion Ratio Lower Upper

83 100

85 64.4 51.8 77.6

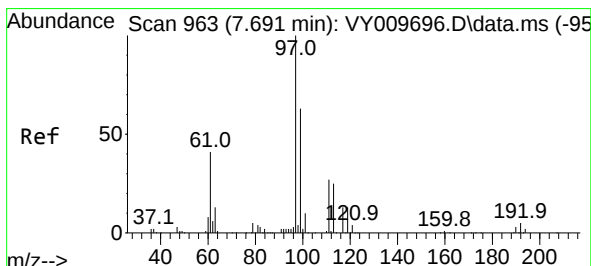
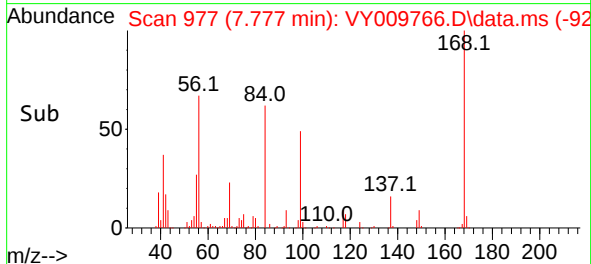
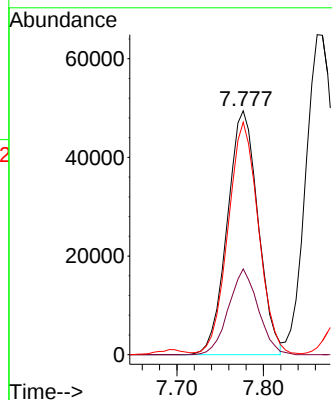
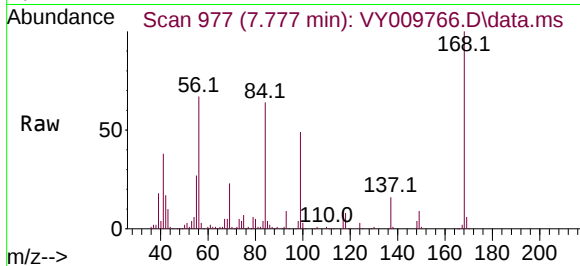




#31
Cyclohexane
Concen: 43.725 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

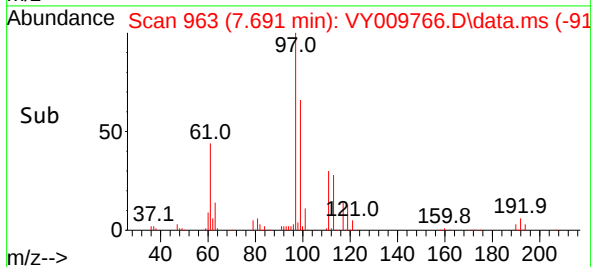
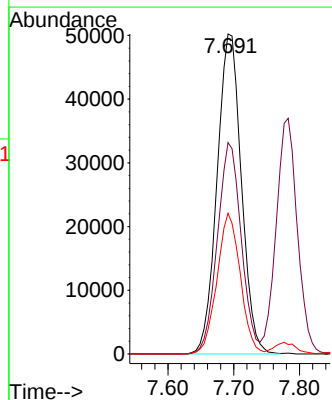
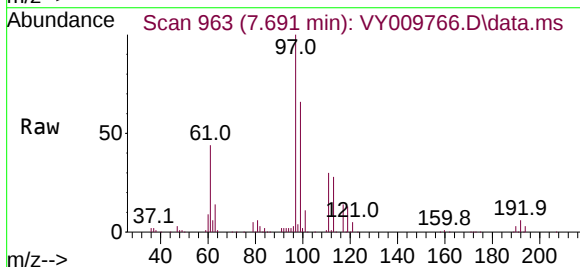
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

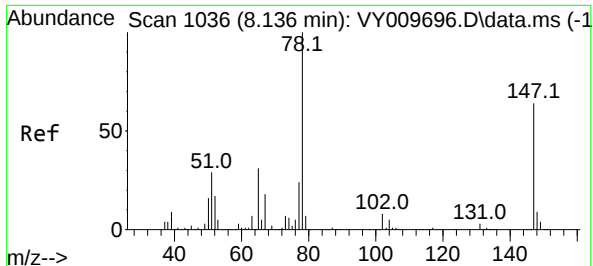
Tgt Ion: 56 Resp: 122205
Ion Ratio Lower Upper
56 100
69 35.1 26.7 40.1
84 93.9 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 47.229 ug/l
RT: 7.691 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

Tgt Ion: 97 Resp: 129138
Ion Ratio Lower Upper
97 100
99 65.1 50.7 76.1
61 42.2 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 46.836 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009766.D

Acq: 29 Jul 2022 11:05

Instrument :

MSVOA_Y

ClientSampleId :

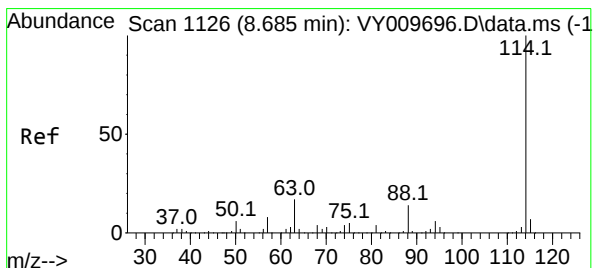
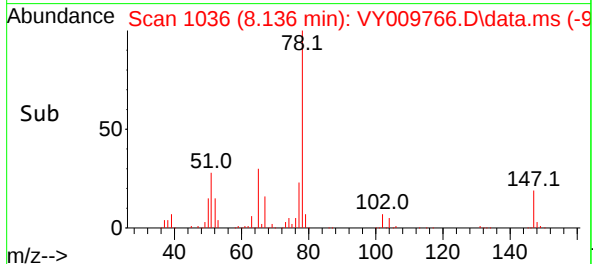
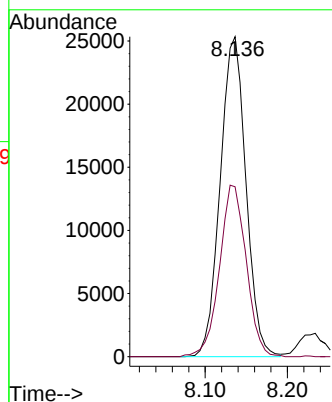
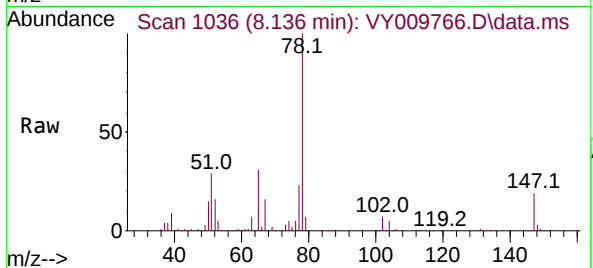
VSTDCCC050

Tgt Ion: 65 Resp: 55140

Ion Ratio Lower Upper

65 100

67 55.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009766.D

Acq: 29 Jul 2022 11:05

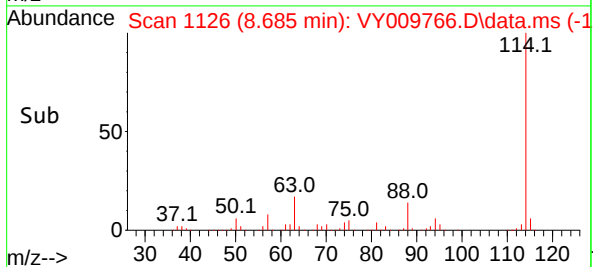
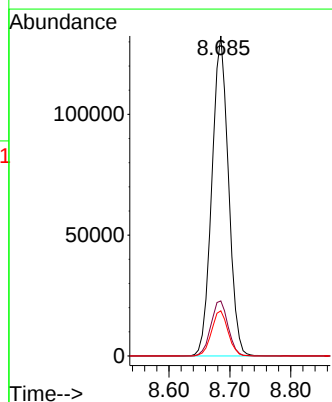
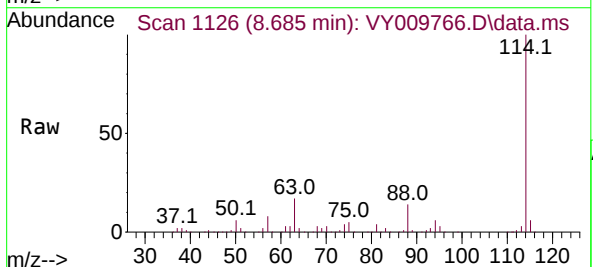
Tgt Ion: 114 Resp: 249997

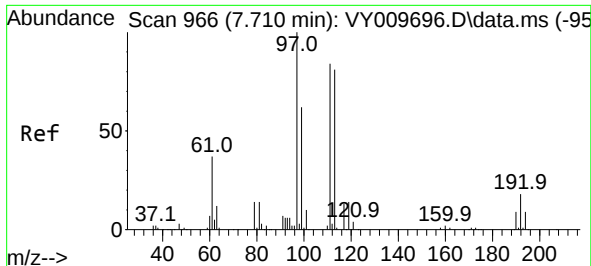
Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 14.1 0.0 31.8

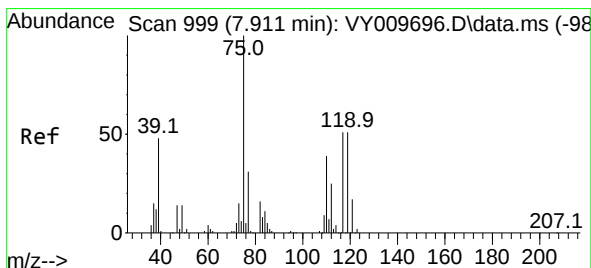
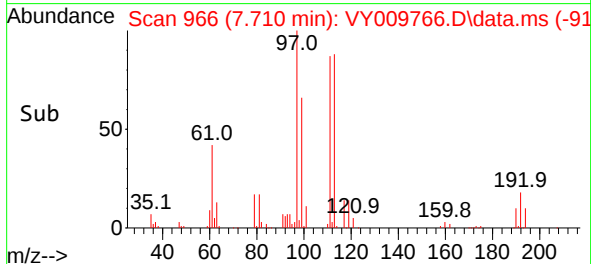
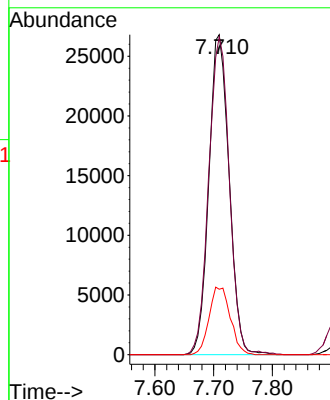
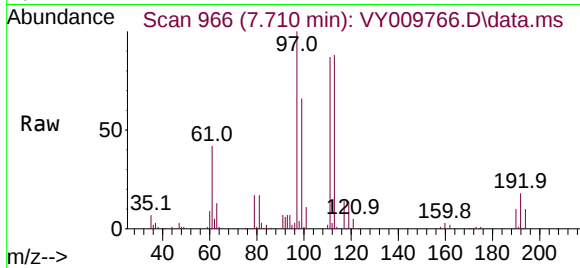




#35
Dibromofluoromethane
Concen: 47.264 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

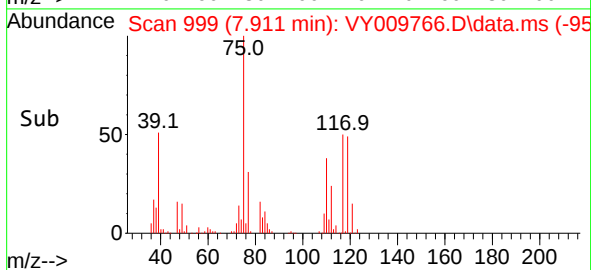
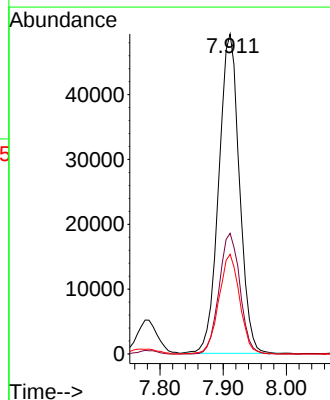
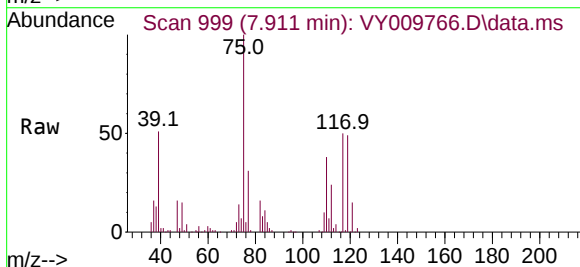
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

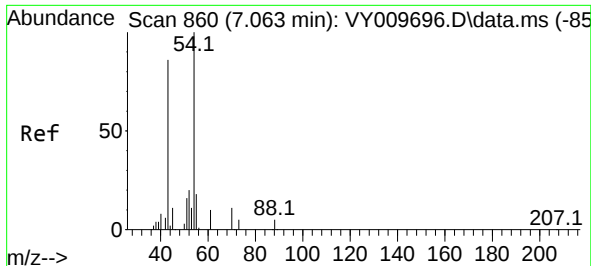
Tgt Ion:113 Resp: 64263
Ion Ratio Lower Upper
113 100
111 101.2 82.6 124.0
192 22.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 50.305 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

Tgt Ion: 75 Resp: 111296
Ion Ratio Lower Upper
75 100
110 38.2 17.1 51.2
77 31.7 24.4 36.6

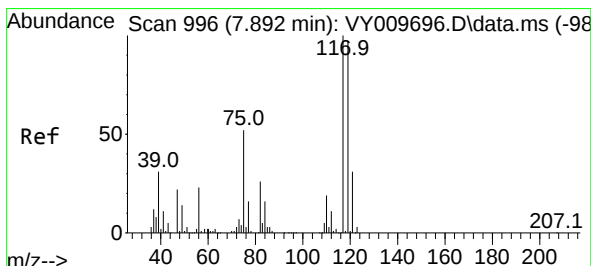
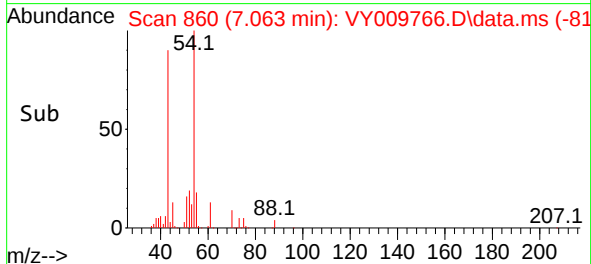
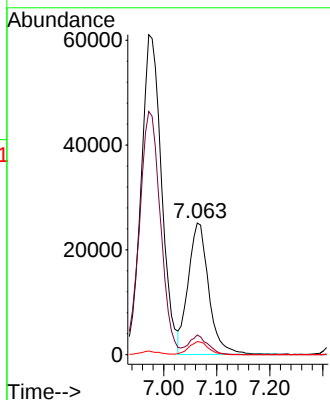
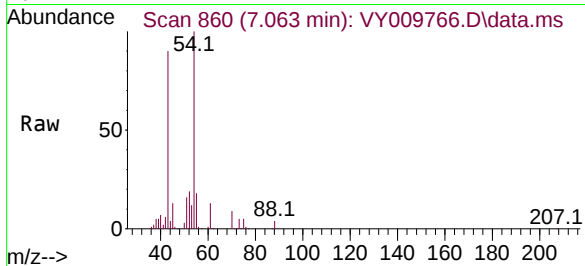




#37
Ethyl Acetate
Concen: 51.236 ug/l
RT: 7.063 min Scan# 860
Delta R.T. 0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

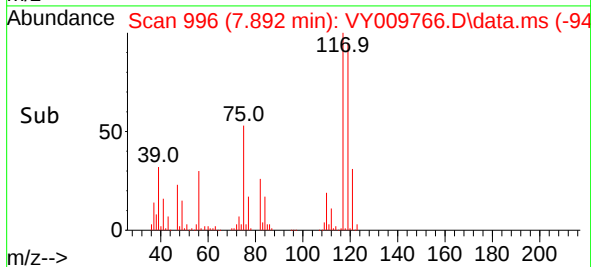
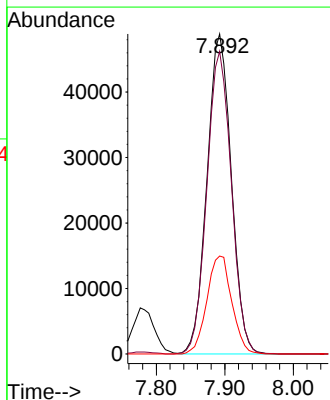
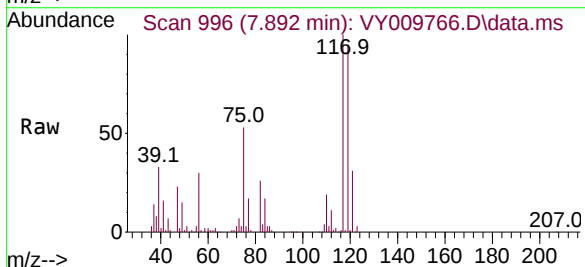
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

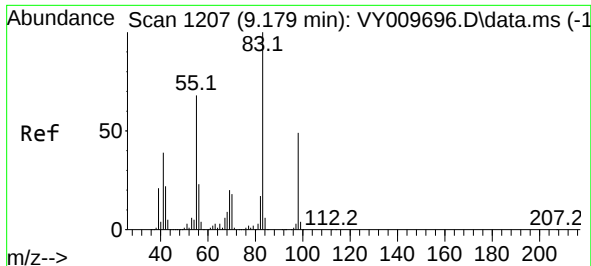
Tgt Ion: 43 Resp: 67185
Ion Ratio Lower Upper
43 100
61 13.8 9.7 14.5
70 9.5 7.1 10.7



#38
Carbon Tetrachloride
Concen: 50.885 ug/l
RT: 7.892 min Scan# 996
Delta R.T. 0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

Tgt Ion: 117 Resp: 120632
Ion Ratio Lower Upper
117 100
119 94.5 77.9 116.9
121 30.6 24.8 37.2





#39

Methylcyclohexane

Concen: 48.401 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009766.D

Acq: 29 Jul 2022 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

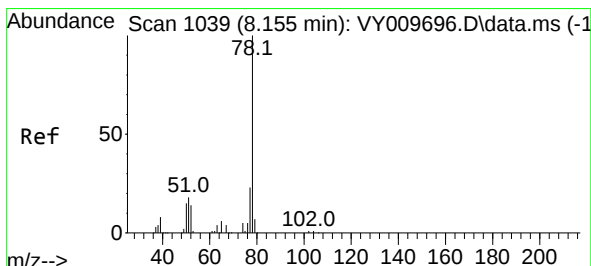
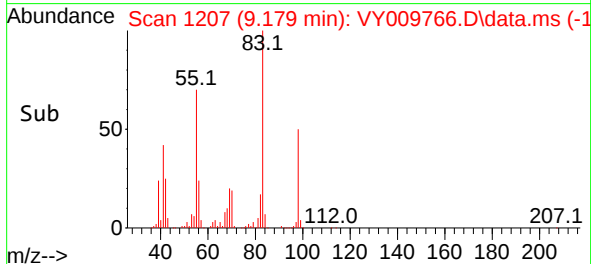
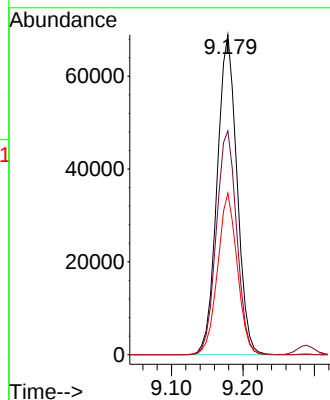
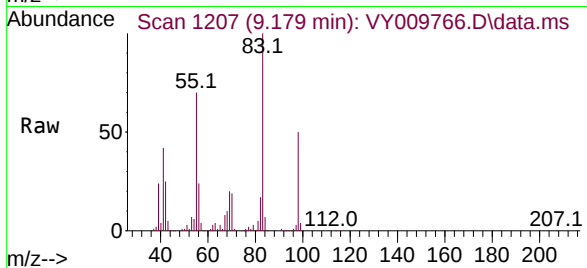
Tgt Ion: 83 Resp: 132648

Ion Ratio Lower Upper

83 100

55 70.0 66.5 99.7

98 50.4 37.9 56.9



#40

Benzene

Concen: 51.515 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY009766.D

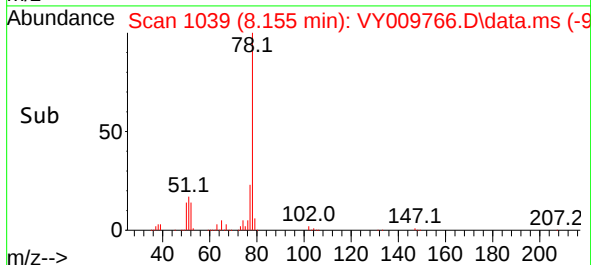
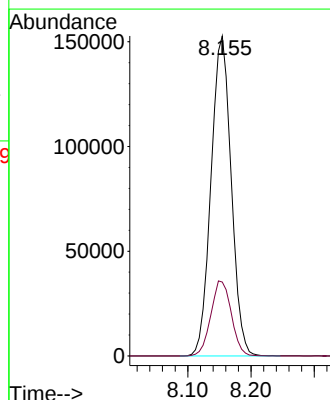
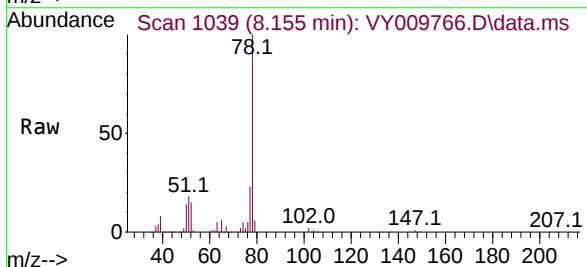
Acq: 29 Jul 2022 11:05

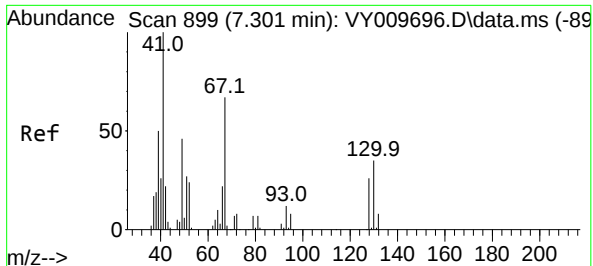
Tgt Ion: 78 Resp: 337698

Ion Ratio Lower Upper

78 100

77 23.1 20.4 30.6

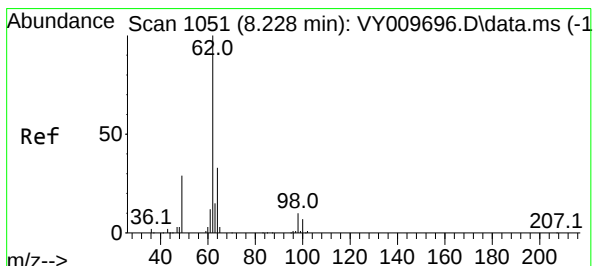
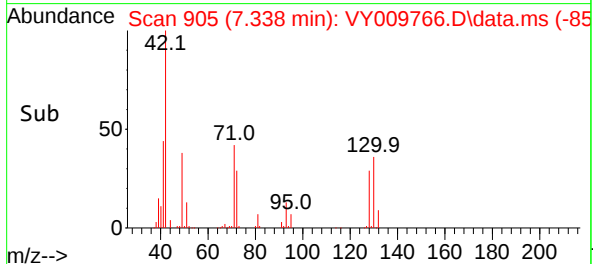
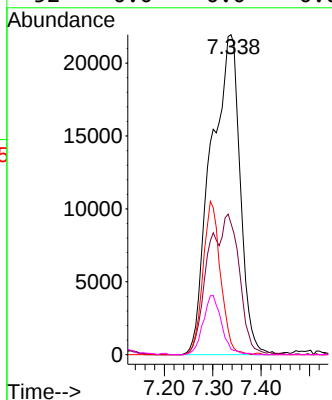
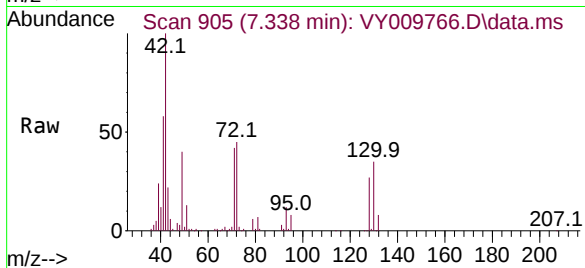




#41
Methacrylonitrile
Concen: 137.026 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.037 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

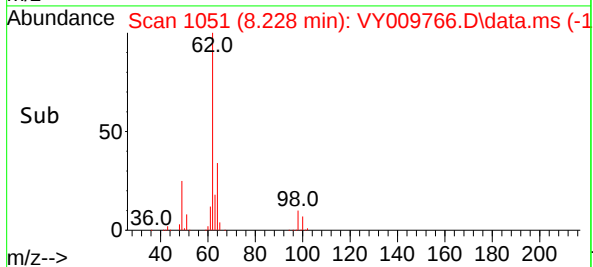
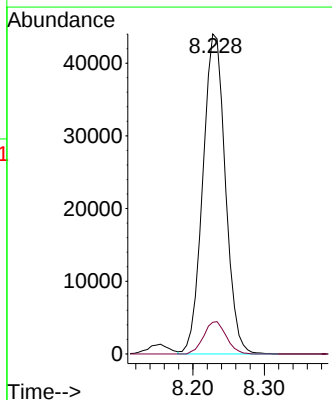
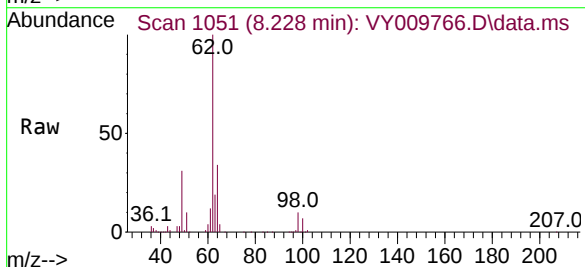
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

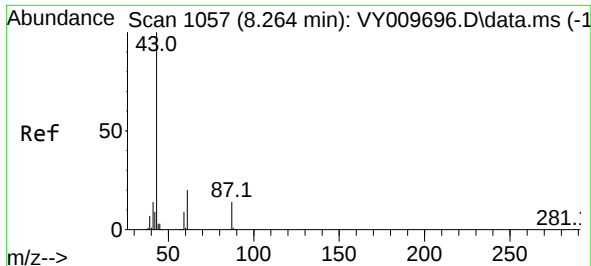
Tgt Ion: 41 Resp: 91544
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 52.679 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

Tgt Ion: 62 Resp: 96277
Ion Ratio Lower Upper
62 100
98 10.1 0.0 14.8

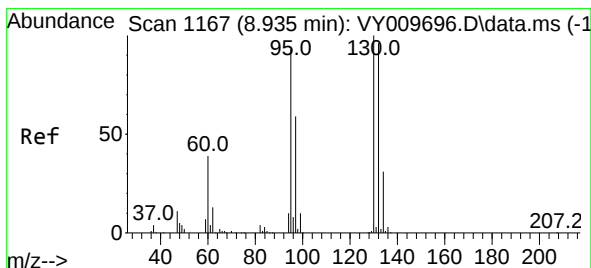
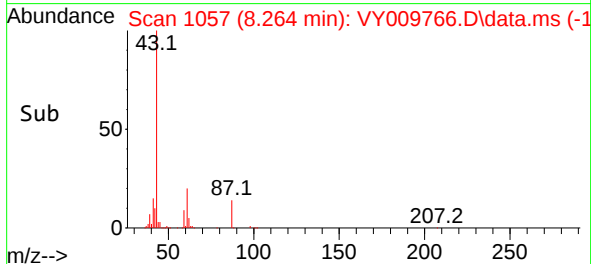
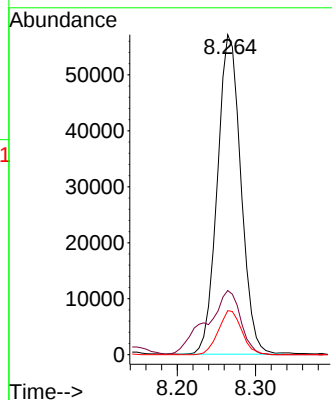
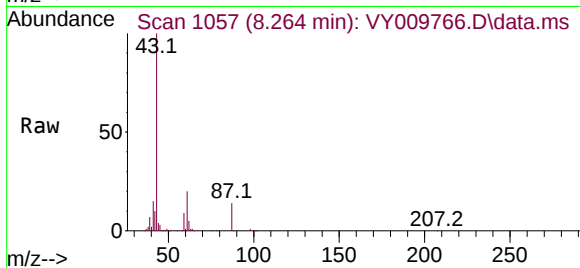




#43
Isopropyl Acetate
Concen: 52.098 ug/l
RT: 8.264 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

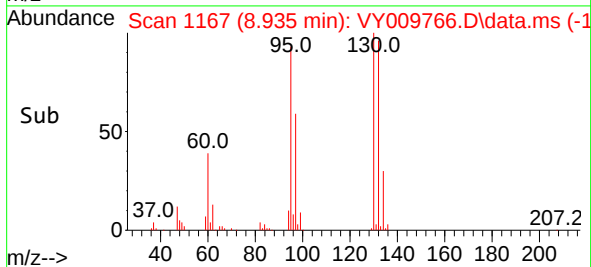
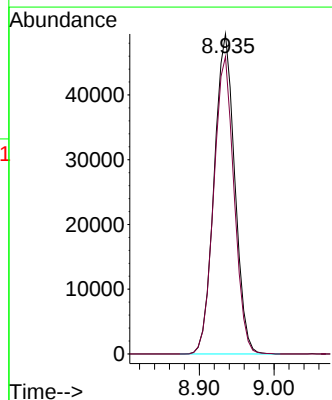
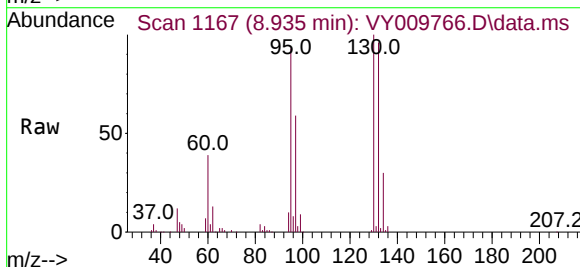
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

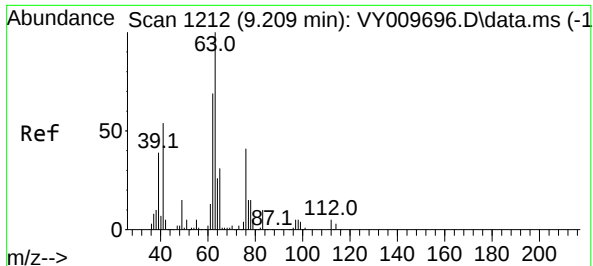
Tgt Ion: 43 Resp: 119353
Ion Ratio Lower Upper
43 100
61 29.0 20.2 30.2
87 13.7 8.9 13.3#



#44
Trichloroethene
Concen: 50.141 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

Tgt Ion:130 Resp: 94290
Ion Ratio Lower Upper
130 100
95 92.9 0.0 188.2





#45

1,2-Dichloropropane

Concen: 52.730 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY009766.D

Acq: 29 Jul 2022 11:05

Instrument :

MSVOA_Y

ClientSampleId :

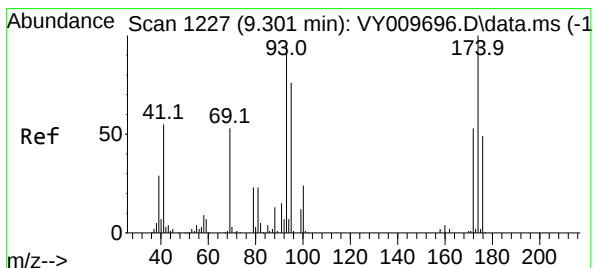
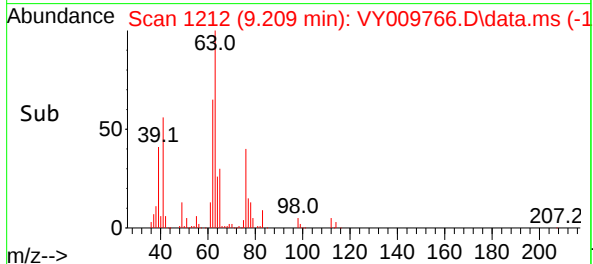
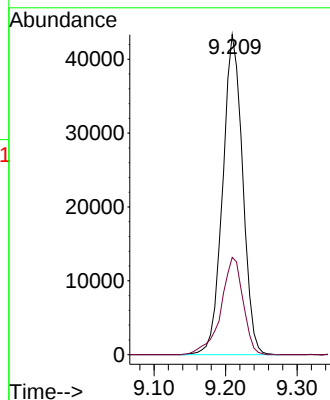
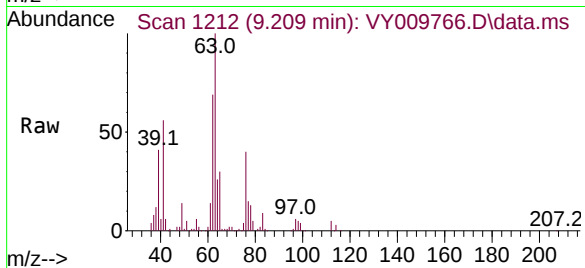
VSTDCCC050

Tgt Ion: 63 Resp: 83926

Ion Ratio Lower Upper

63 100

65 30.4 23.0 34.6



#46

Dibromomethane

Concen: 53.020 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009766.D

Acq: 29 Jul 2022 11:05

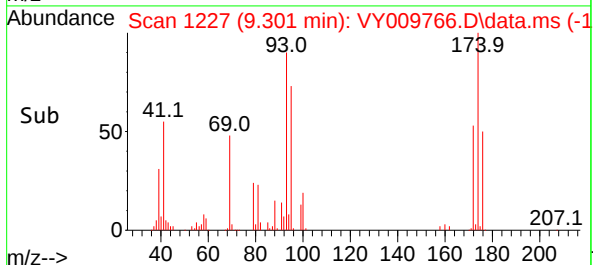
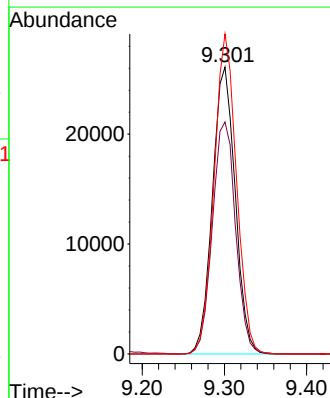
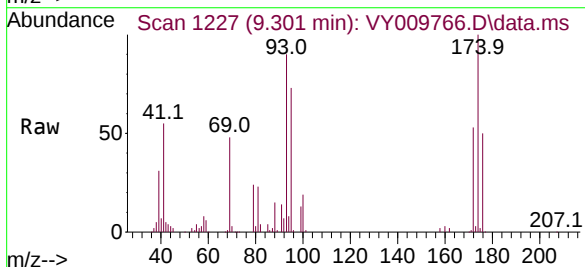
Tgt Ion: 93 Resp: 50206

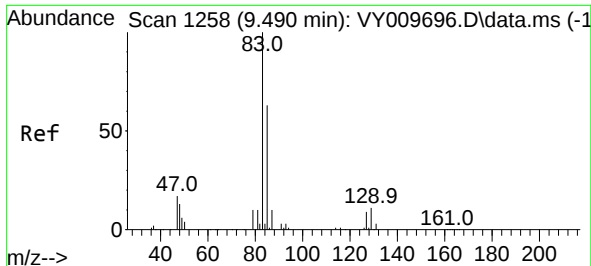
Ion Ratio Lower Upper

93 100

95 82.3 64.3 96.5

174 109.6 83.4 125.0

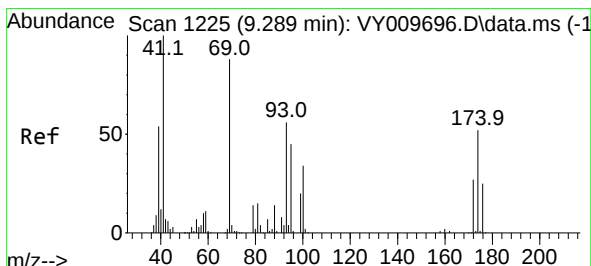
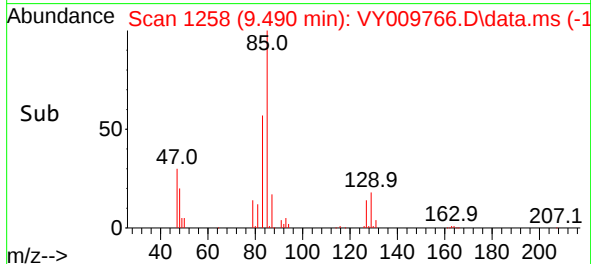
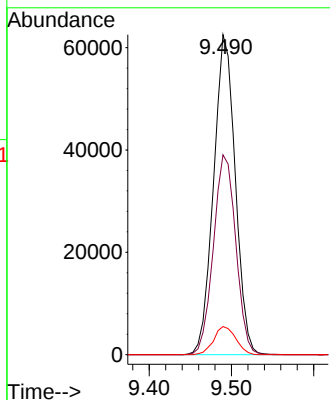
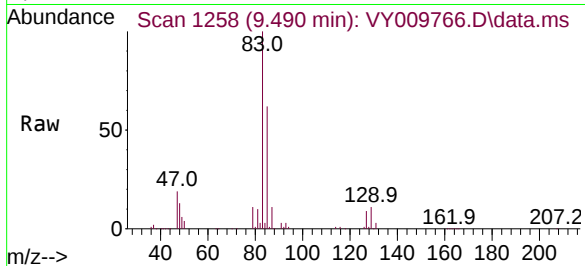




#47
Bromodichloromethane
Concen: 52.775 ug/l
RT: 9.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

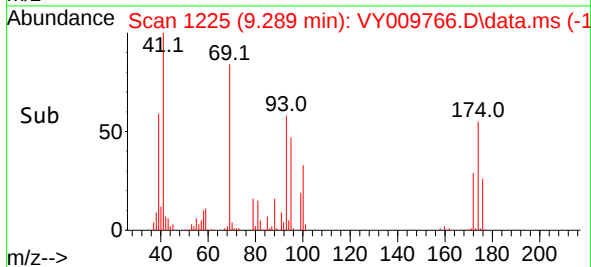
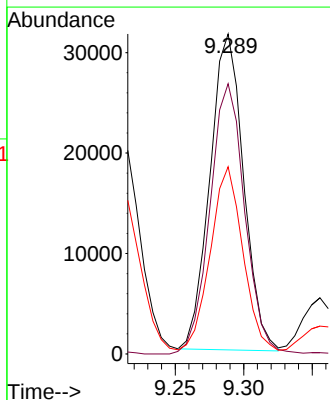
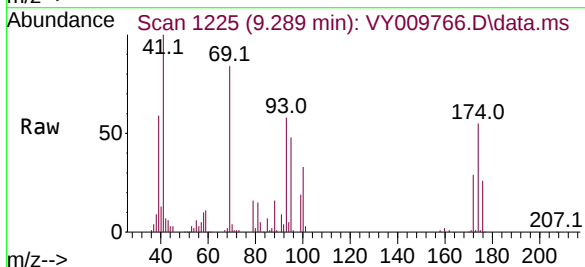
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

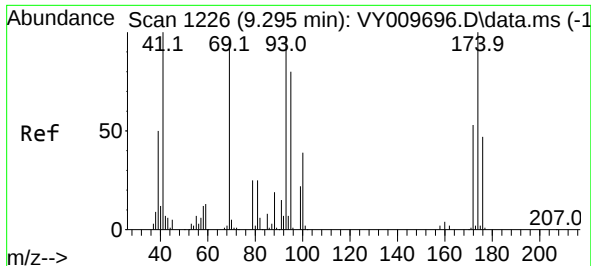
Tgt Ion: 83 Resp: 114807
Ion Ratio Lower Upper
83 100
85 62.5 51.9 77.9
127 8.8 6.6 10.0



#48
Methyl methacrylate
Concen: 53.411 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

Tgt Ion: 41 Resp: 53807
Ion Ratio Lower Upper
41 100
69 88.6 58.2 87.2#
39 56.0 47.4 71.0





#49

1,4-Dioxane

Concen: 1036.534 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.006 min

Lab File: VY009766.D

Acq: 29 Jul 2022 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

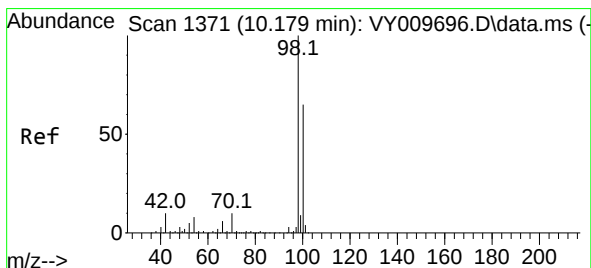
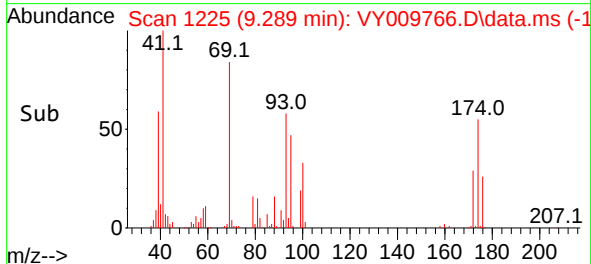
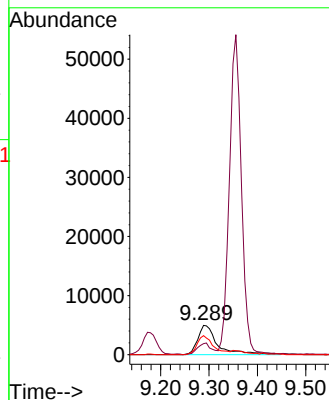
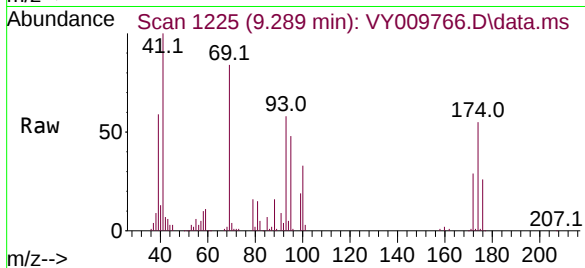
Tgt Ion: 88 Resp: 14333

Ion Ratio Lower Upper

88 100

43 26.7 32.8 49.2#

58 53.0 59.8 89.6#



#50

Toluene-d8

Concen: 49.105 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY009766.D

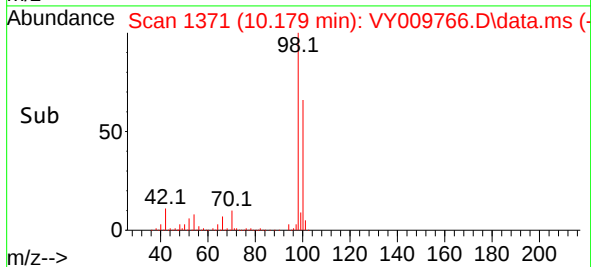
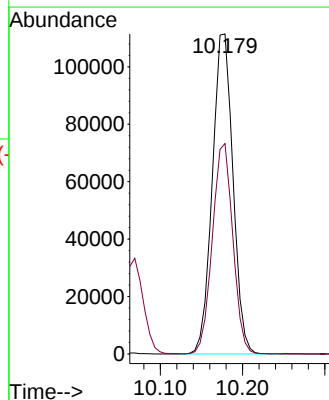
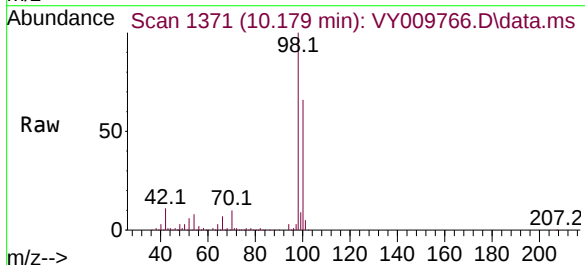
Acq: 29 Jul 2022 11:05

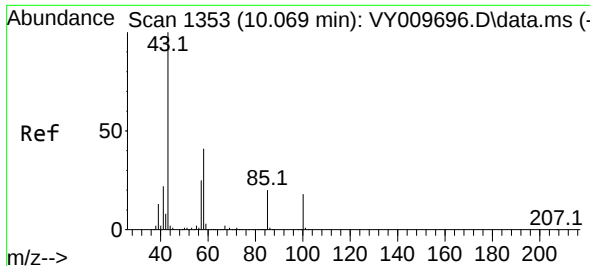
Tgt Ion: 98 Resp: 194748

Ion Ratio Lower Upper

98 100

100 65.1 50.2 75.2

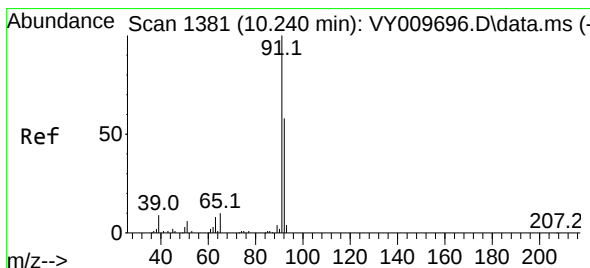
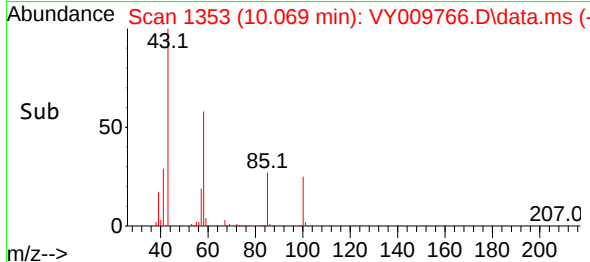
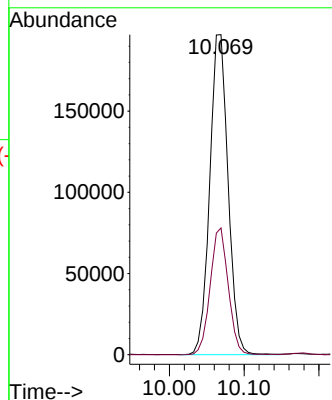
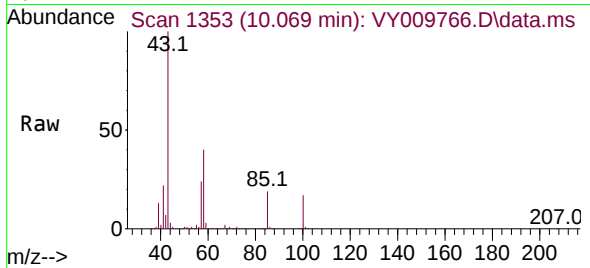




#51
4-Methyl-2-Pentanone
Concen: 288.874 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

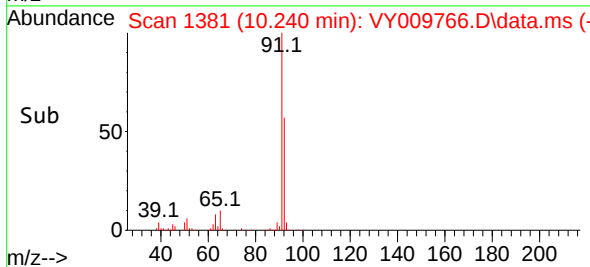
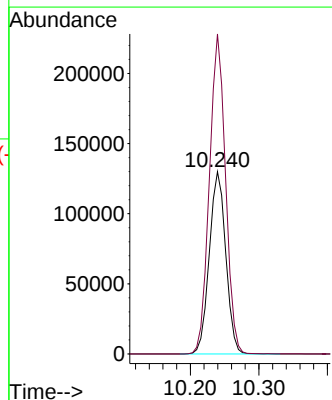
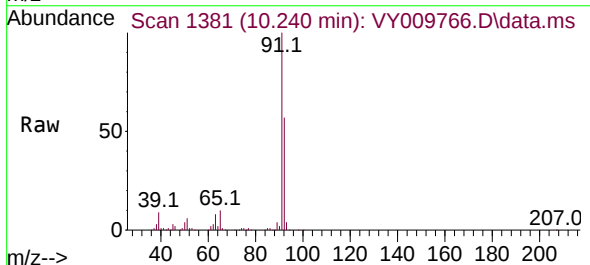
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 336668
Ion Ratio Lower Upper
43 100
58 38.9 28.1 42.1



#52
Toluene
Concen: 52.877 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

Tgt Ion: 92 Resp: 217114
Ion Ratio Lower Upper
92 100
91 172.4 142.6 213.8

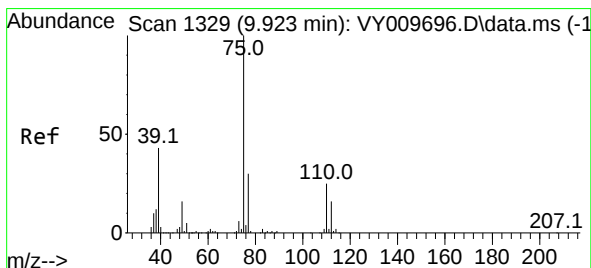
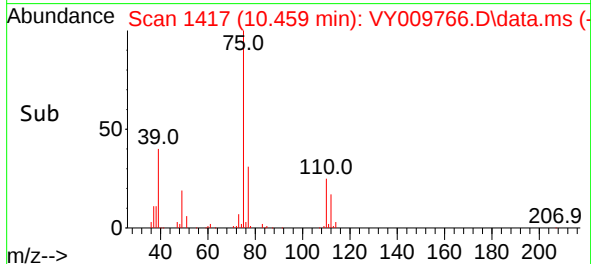
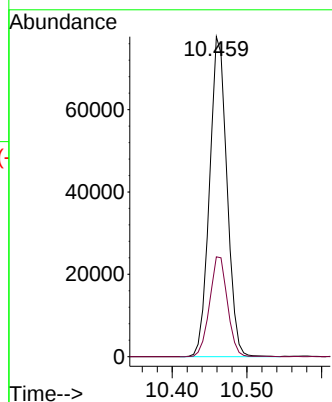
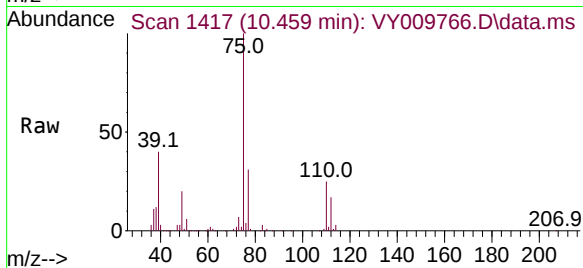




#53
 t-1,3-Dichloropropene
 Concen: 55.951 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY009766.D
 Acq: 29 Jul 2022 11:05

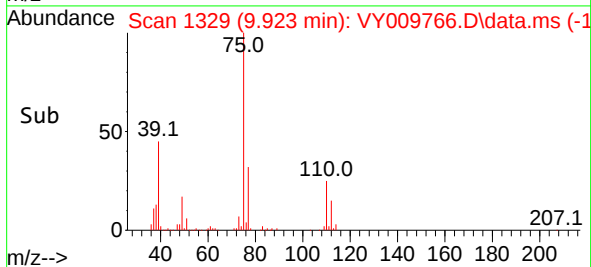
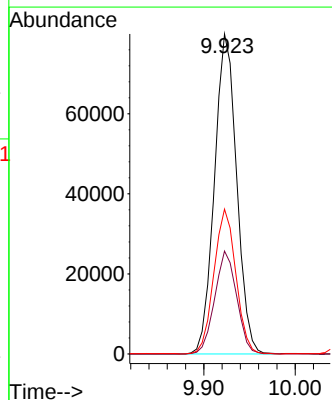
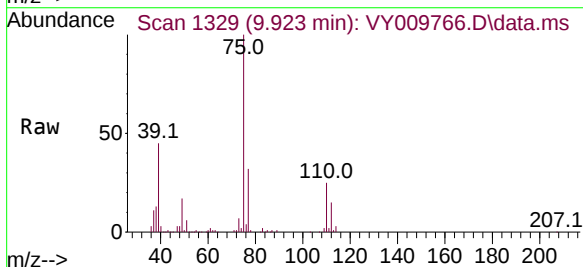
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

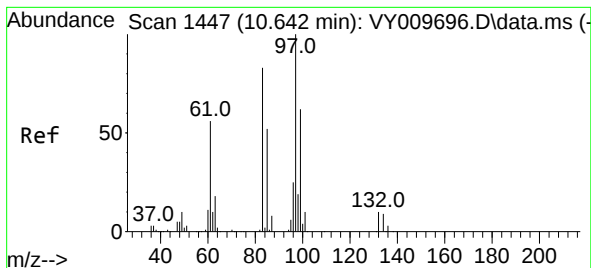
Tgt Ion: 75 Resp: 125699
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 52.331 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY009766.D
 Acq: 29 Jul 2022 11:05

Tgt Ion: 75 Resp: 135025
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.6 38.4
 39 45.3 47.6 71.4#

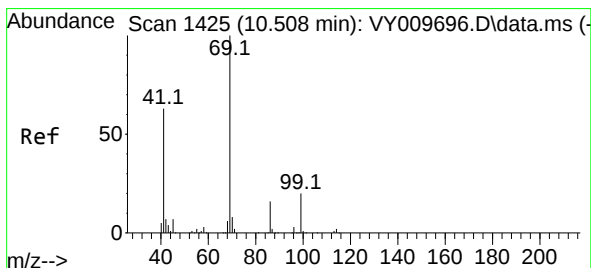
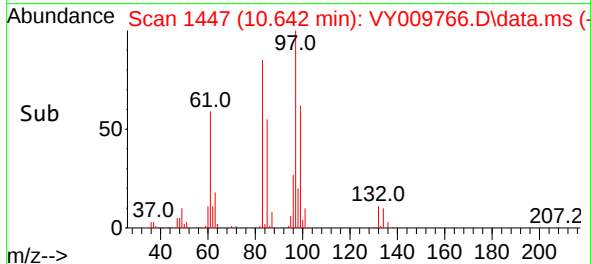
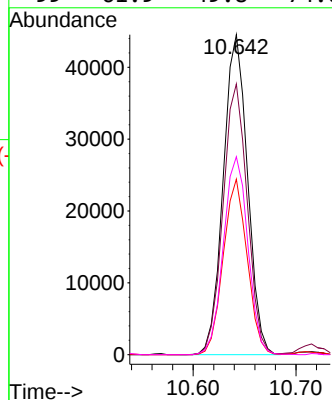
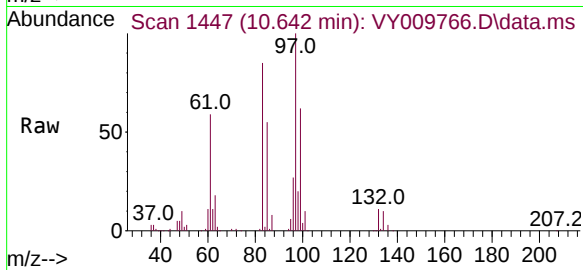




#55
1,1,2-Trichloroethane
Concen: 54.619 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

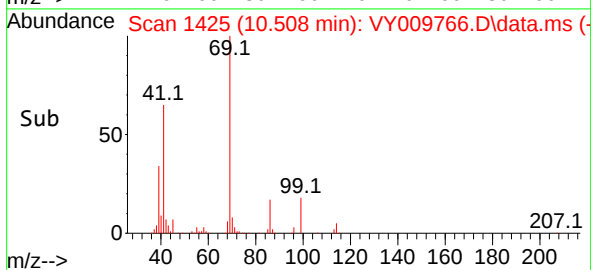
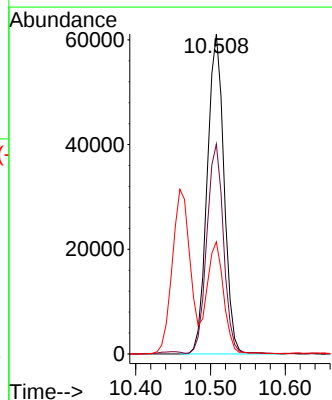
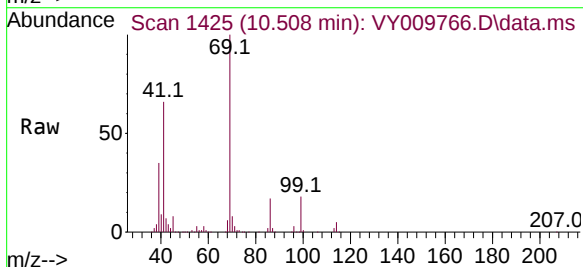
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

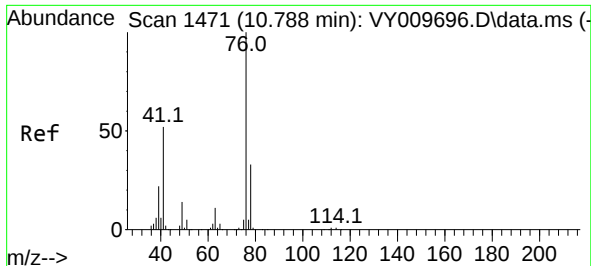
Tgt Ion:	97	Resp:	73129
Ion	Ratio	Lower	Upper
97	100		
83	84.6	69.8	104.8
85	54.8	44.3	66.5
99	61.9	49.8	74.6



#56
Ethyl methacrylate
Concen: 57.132 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

Tgt Ion:	69	Resp:	95297
Ion	Ratio	Lower	Upper
69	100		
41	64.8	63.4	95.0
39	34.6	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 55.831 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY009766.D

Acq: 29 Jul 2022 11:05

Instrument :

MSVOA_Y

ClientSampleId :

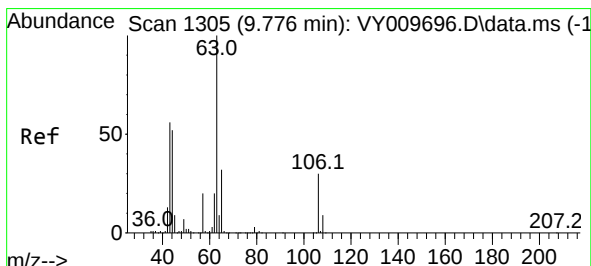
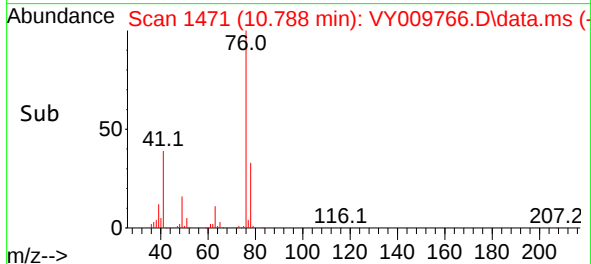
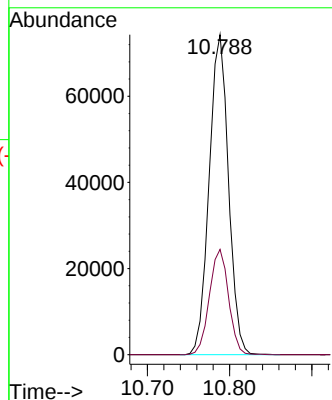
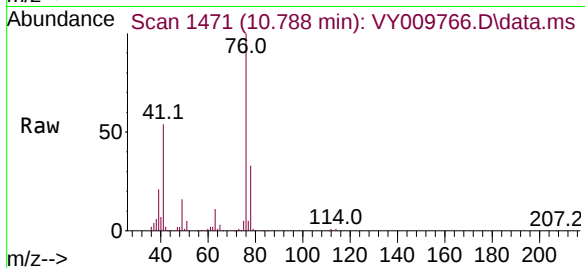
VSTDCCC050

Tgt Ion: 76 Resp: 121572

Ion Ratio Lower Upper

76 100

78 32.6 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 253.489 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009766.D

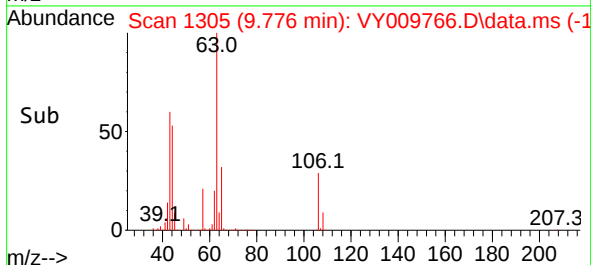
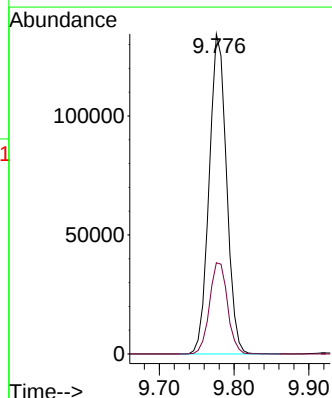
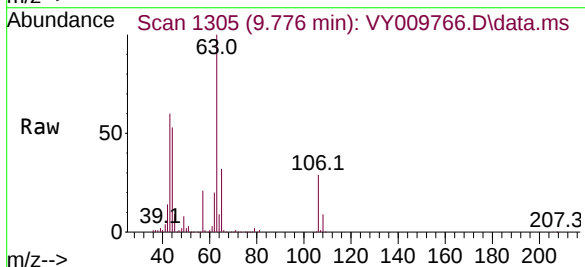
Acq: 29 Jul 2022 11:05

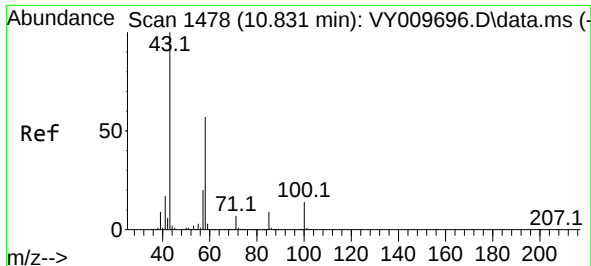
Tgt Ion: 63 Resp: 217152

Ion Ratio Lower Upper

63 100

106 29.5 21.5 32.3

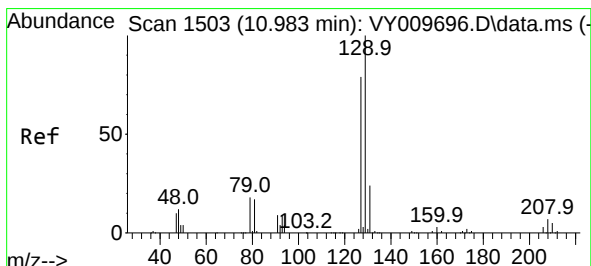
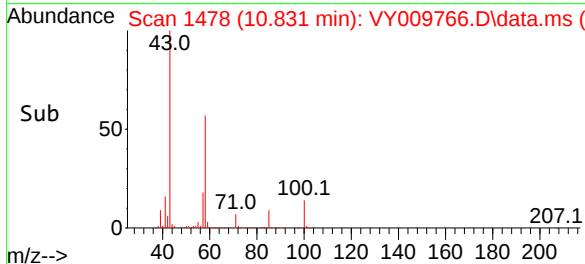
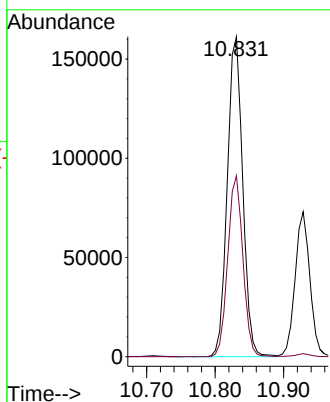
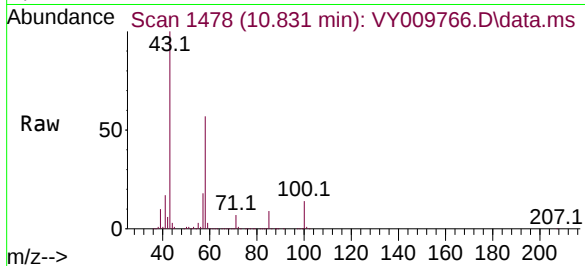




#59
2-Hexanone
Concen: 303.676 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

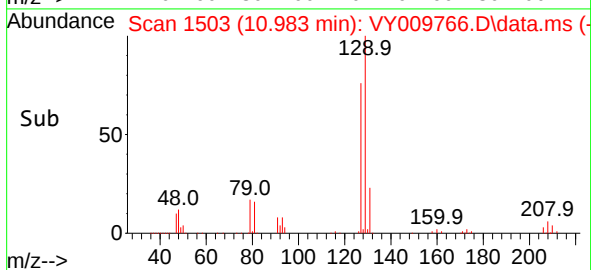
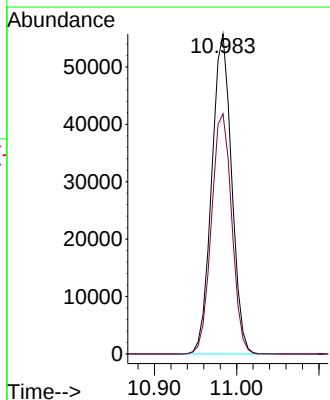
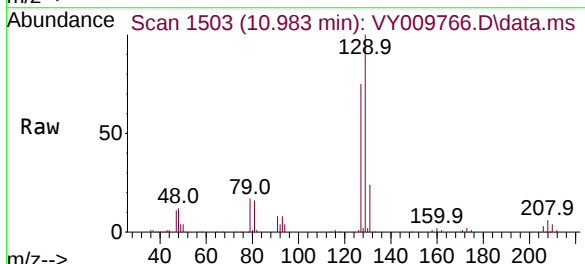
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

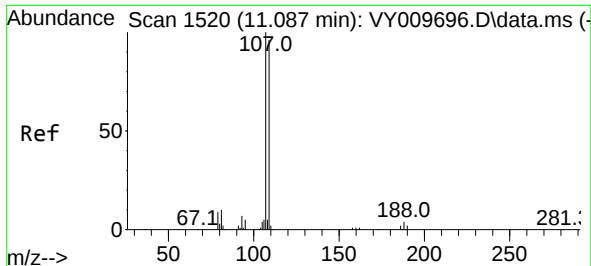
Tgt Ion: 43 Resp: 252228
Ion Ratio Lower Upper
43 100
58 55.5 24.4 73.4



#60
Dibromochloromethane
Concen: 57.854 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

Tgt Ion: 129 Resp: 93689
Ion Ratio Lower Upper
129 100
127 76.6 38.7 116.1

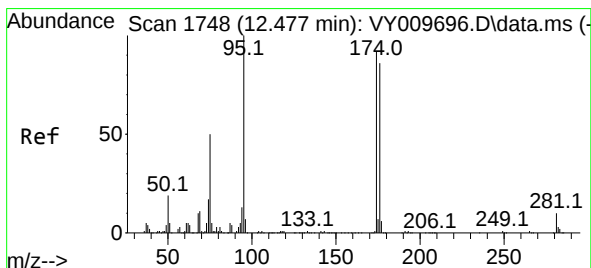
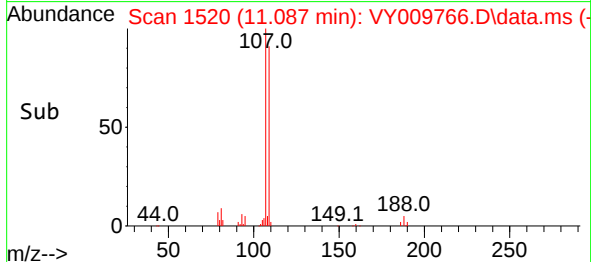
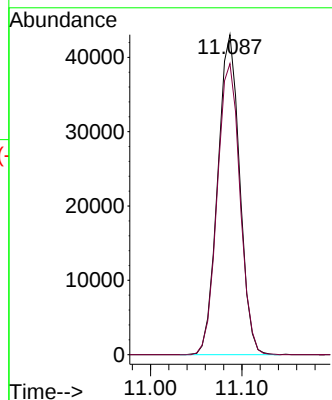
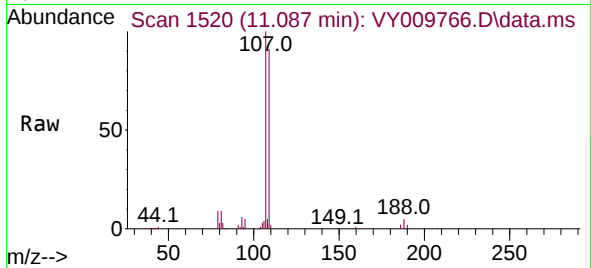




#61
1,2-Dibromoethane
Concen: 55.068 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

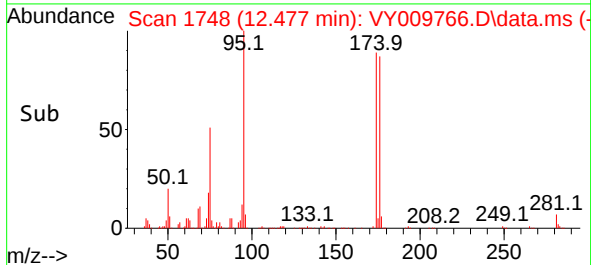
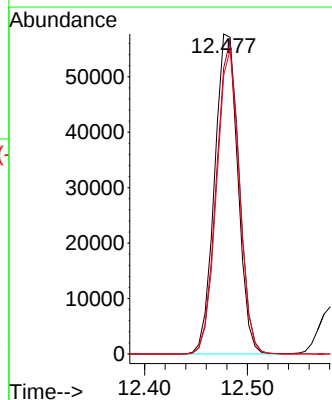
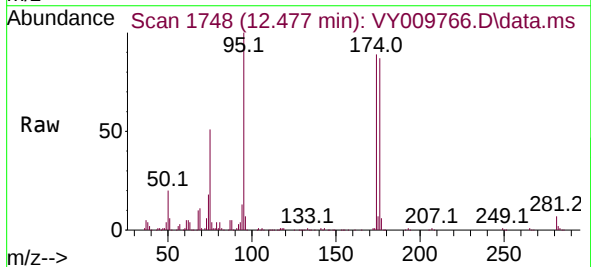
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

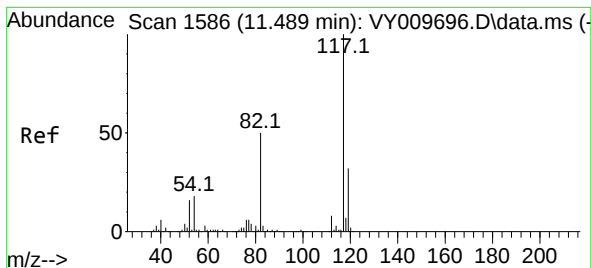
Tgt Ion:107 Resp: 71819
Ion Ratio Lower Upper
107 100
109 94.1 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 50.382 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

Tgt Ion: 95 Resp: 90833
Ion Ratio Lower Upper
95 100
174 96.4 0.0 177.0
176 93.0 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009766.D

Acq: 29 Jul 2022 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

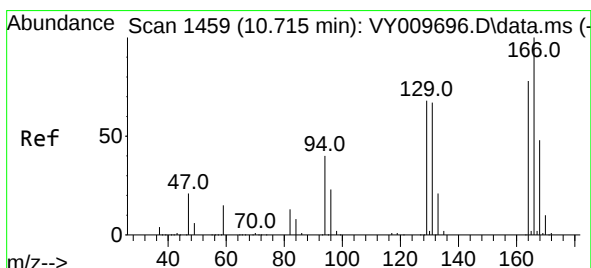
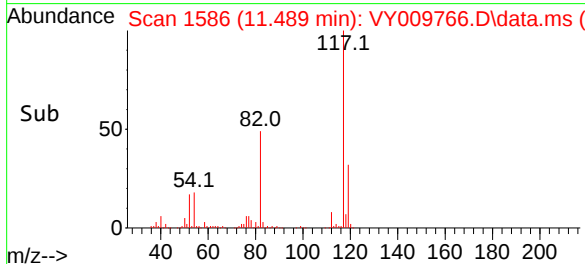
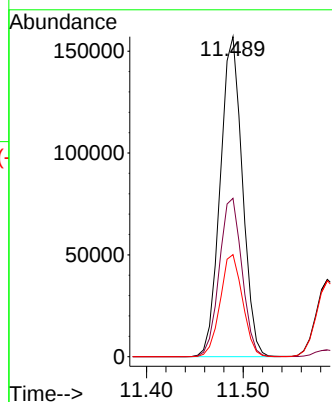
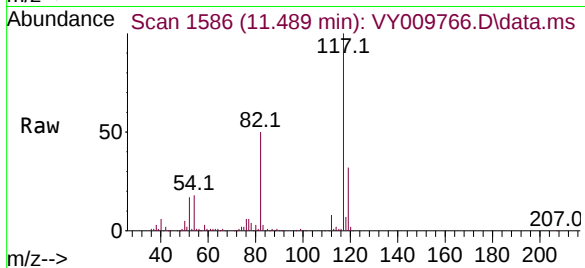
Tgt Ion:117 Resp: 249630

Ion Ratio Lower Upper

117 100

82 49.5 43.0 64.4

119 31.9 25.4 38.0



#64

Tetrachloroethene

Concen: 48.806 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY009766.D

Acq: 29 Jul 2022 11:05

Tgt Ion:164 Resp: 96062

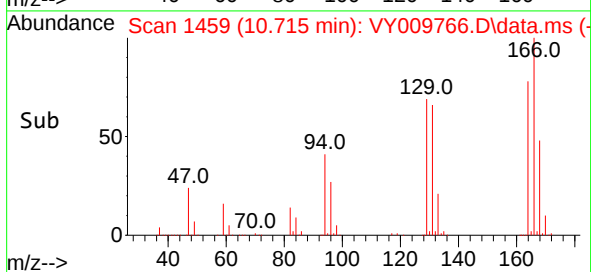
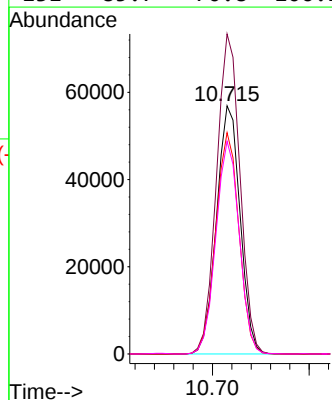
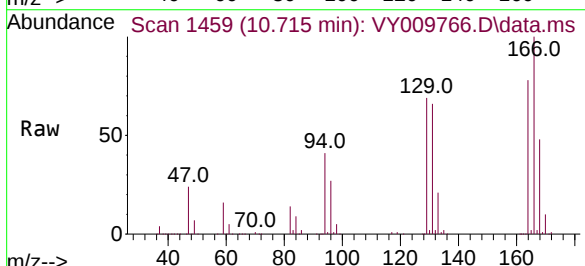
Ion Ratio Lower Upper

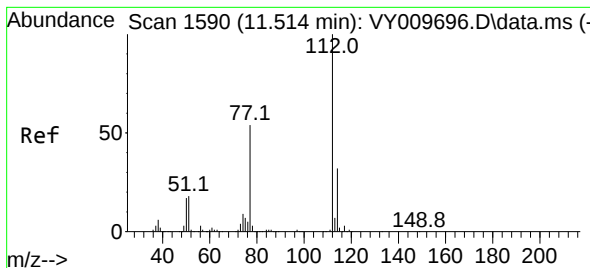
164 100

166 128.9 100.4 150.6

129 89.2 71.4 107.0

131 85.7 70.8 106.2

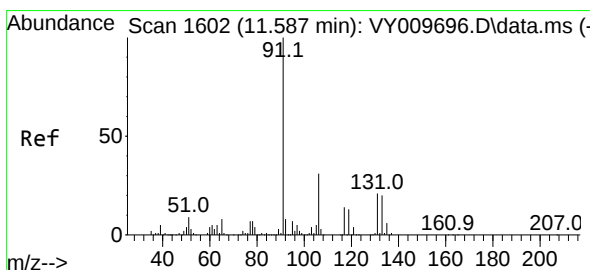
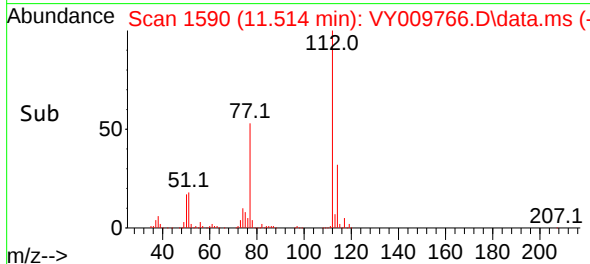
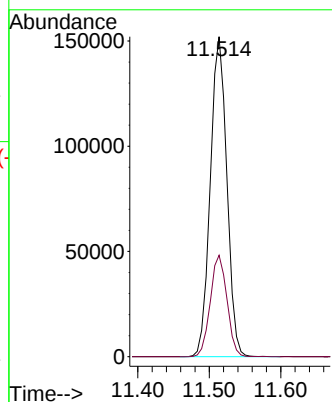
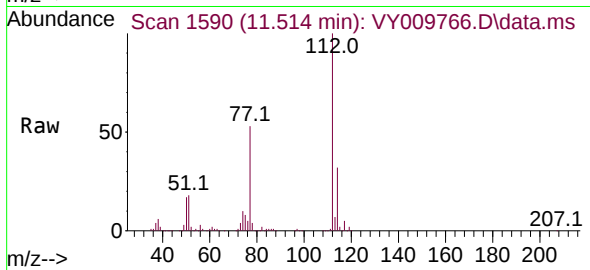




#65
Chlorobenzene
Concen: 48.688 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

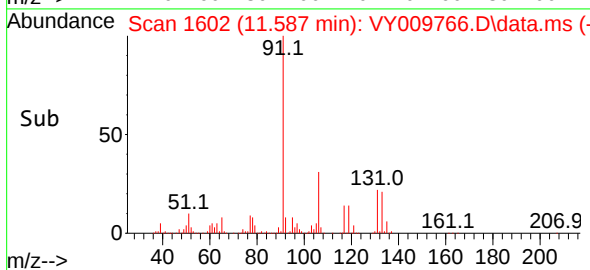
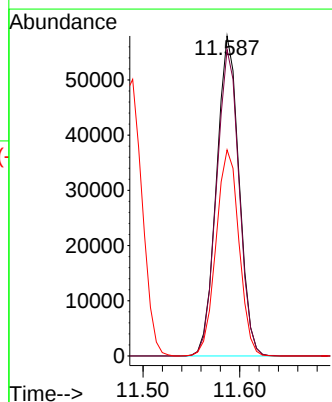
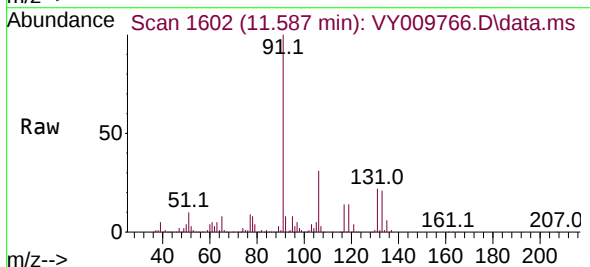
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

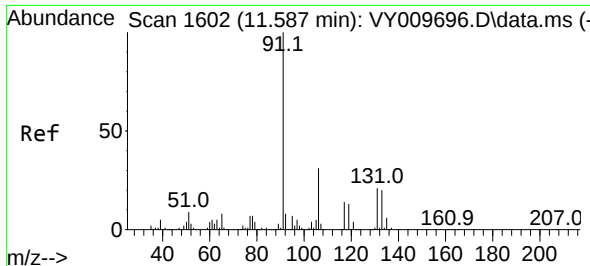
Tgt Ion:112 Resp: 243891
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.308 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

Tgt Ion:131 Resp: 93779
Ion Ratio Lower Upper
131 100
133 96.0 47.9 143.6
119 65.6 30.8 92.3





#67

Ethyl Benzene

Concen: 49.862 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY009766.D

Acq: 29 Jul 2022 11:05

Instrument :

MSVOA_Y

ClientSampleId :

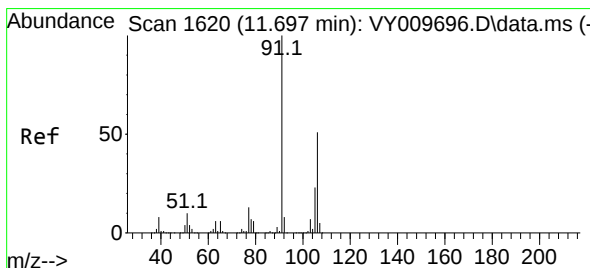
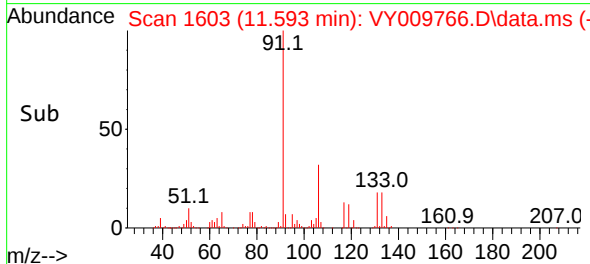
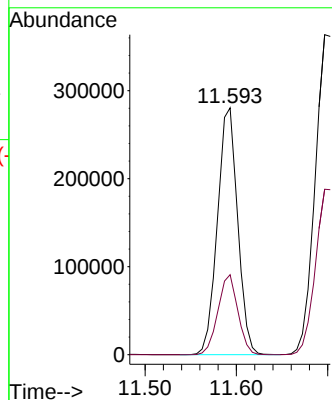
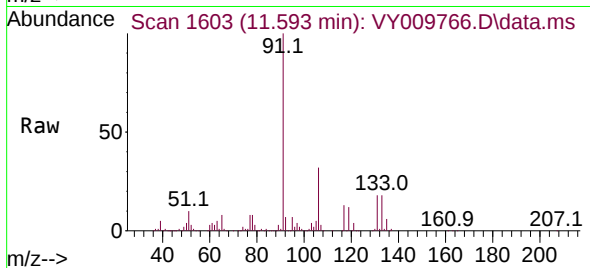
VSTDCCC050

Tgt Ion: 91 Resp: 431723

Ion Ratio Lower Upper

91 100

106 32.4 24.5 36.7



#68

m/p-Xylenes

Concen: 100.231 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY009766.D

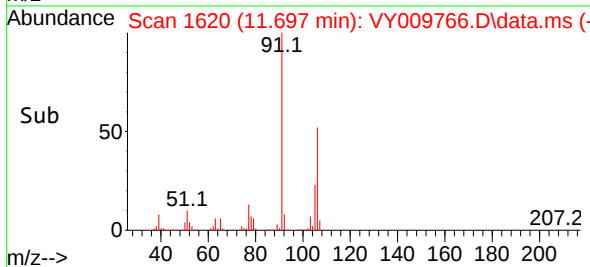
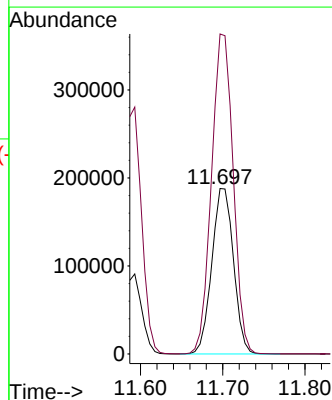
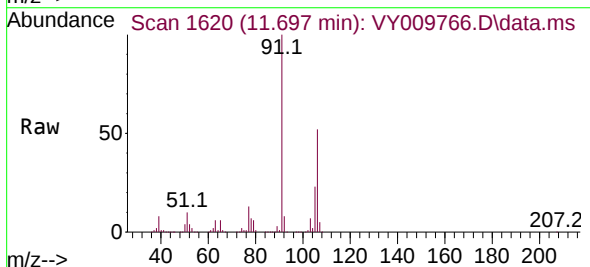
Acq: 29 Jul 2022 11:05

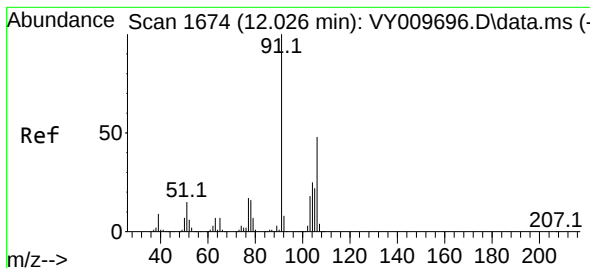
Tgt Ion:106 Resp: 344498

Ion Ratio Lower Upper

106 100

91 193.5 166.6 249.8

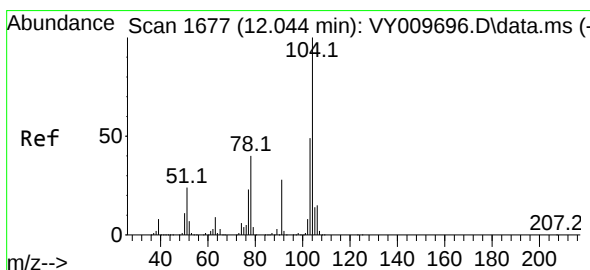
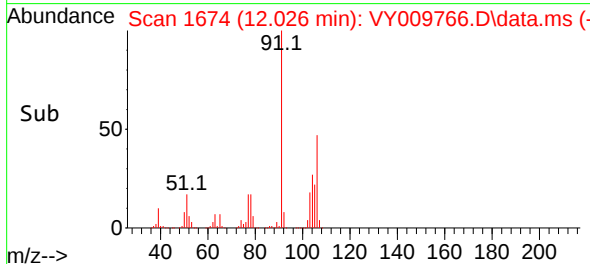
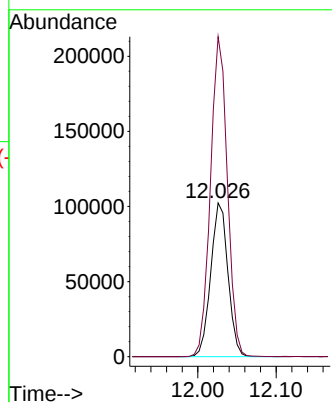
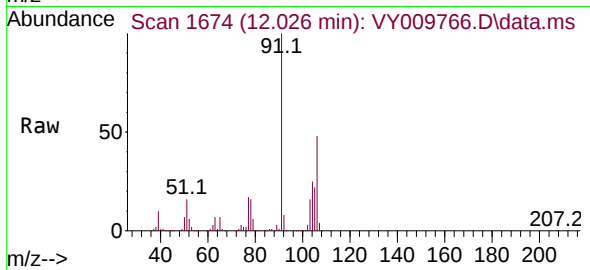




#69
o-Xylene
Concen: 48.545 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

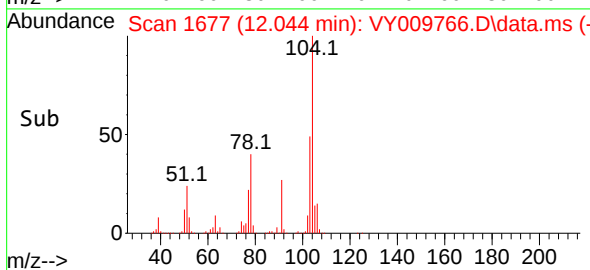
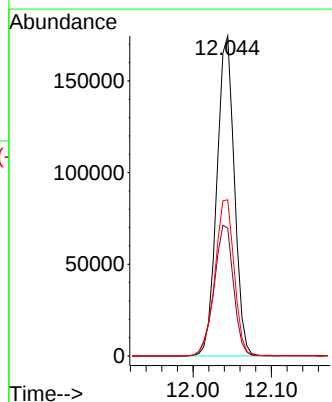
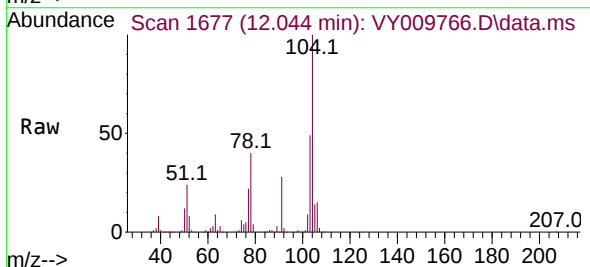
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

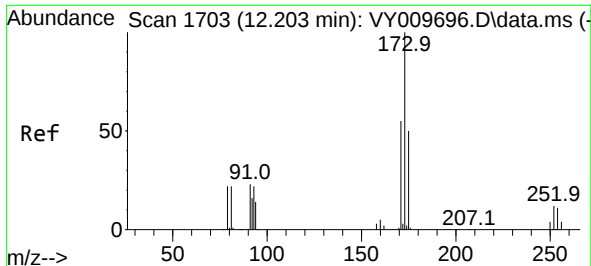
Tgt Ion:106 Resp: 156035
Ion Ratio Lower Upper
106 100
91 204.8 110.3 331.0



#70
Styrene
Concen: 50.352 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

Tgt Ion:104 Resp: 272005
Ion Ratio Lower Upper
104 100
78 45.2 42.4 63.6
103 53.7 44.4 66.6

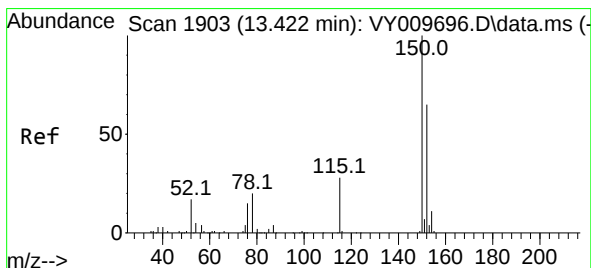
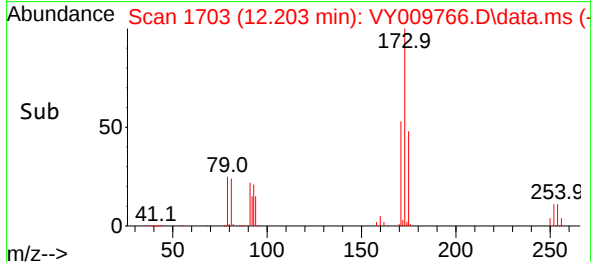
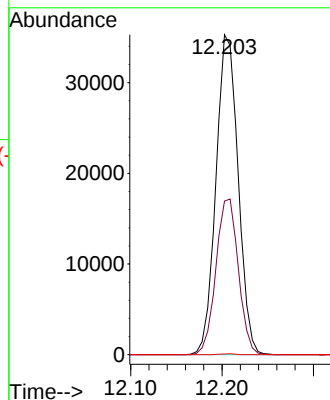
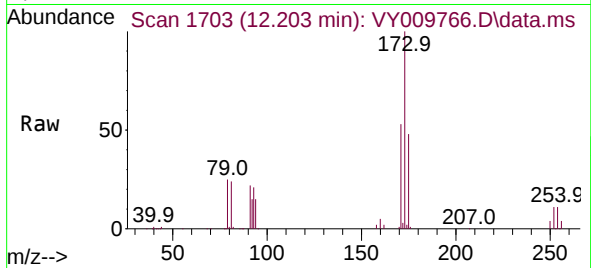




#71
Bromoform
Concen: 49.977 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

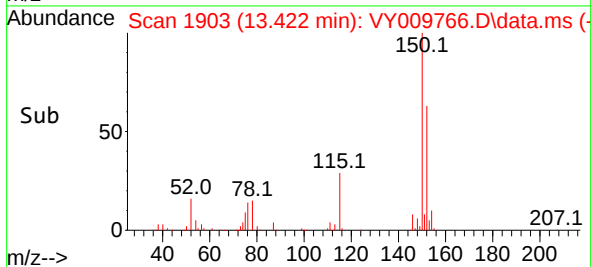
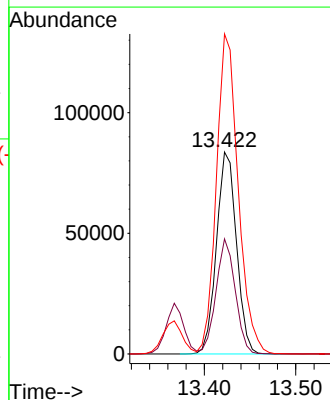
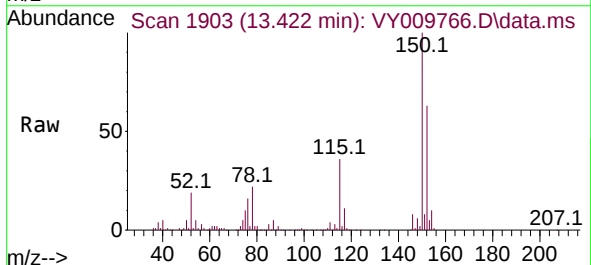
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

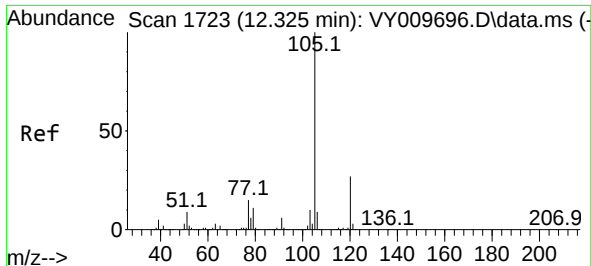
Tgt Ion:173 Resp: 59490
Ion Ratio Lower Upper
173 100
175 49.2 24.6 74.0
254 0.2 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

Tgt Ion:152 Resp: 127285
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.7
150 172.7 0.0 347.6

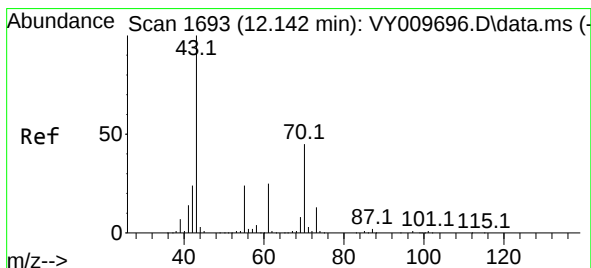
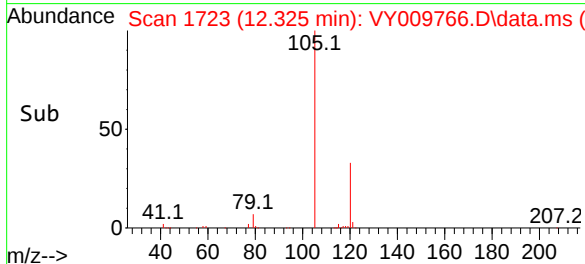
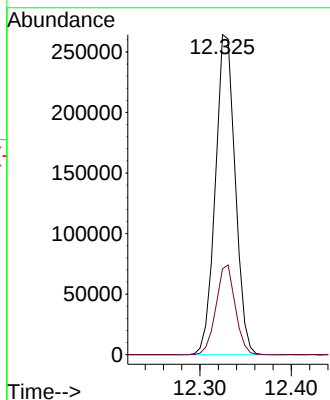
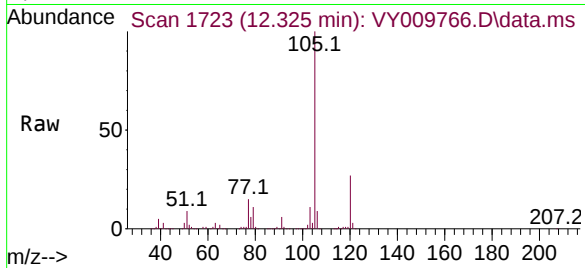




#73
Isopropylbenzene
Concen: 47.118 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

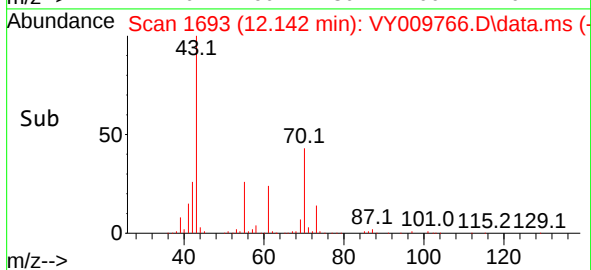
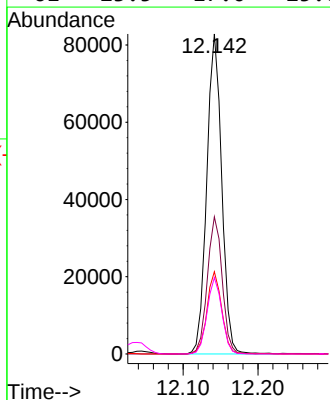
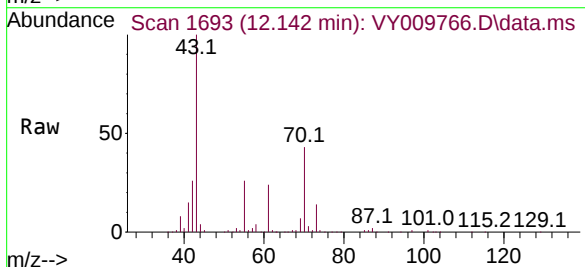
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

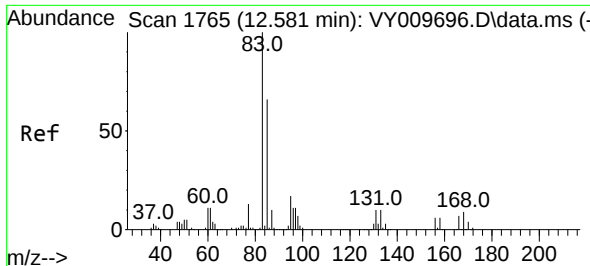
Tgt Ion:105 Resp: 398681
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.2



#74
N-ethyl acetate
Concen: 52.638 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

Tgt Ion: 43 Resp: 115042
Ion Ratio Lower Upper
43 100
70 42.7 28.7 43.1
55 25.4 17.3 25.9
61 23.5 17.0 25.6

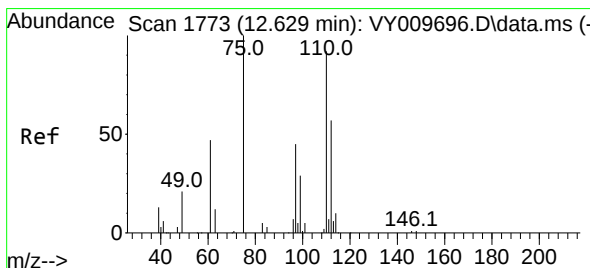
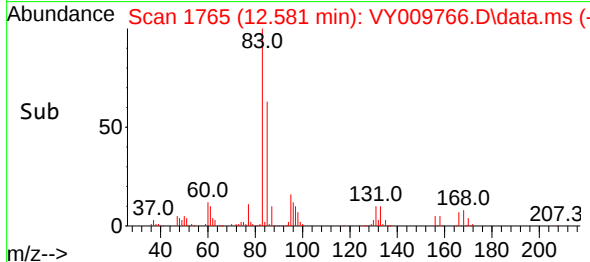
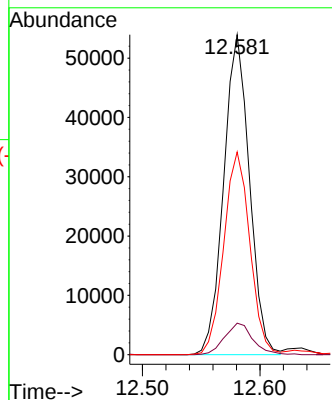
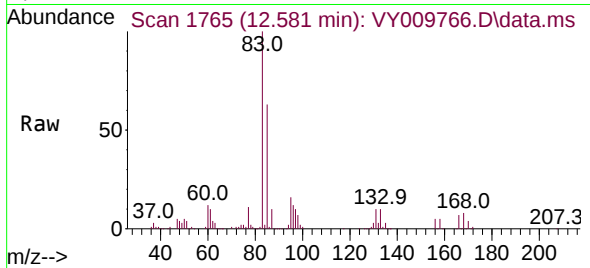




#75
1,1,2,2-Tetrachloroethane
Concen: 49.401 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

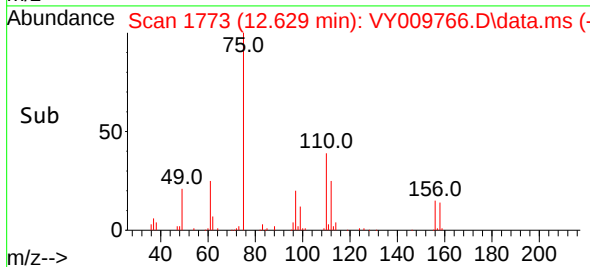
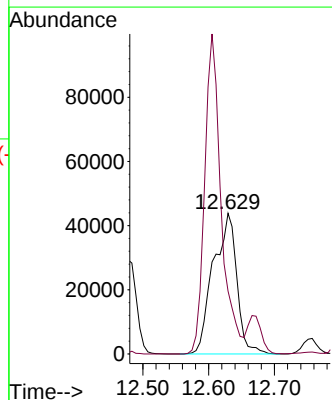
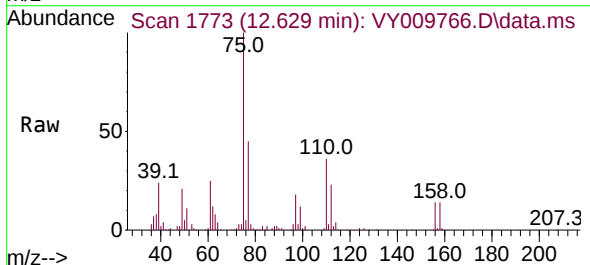
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

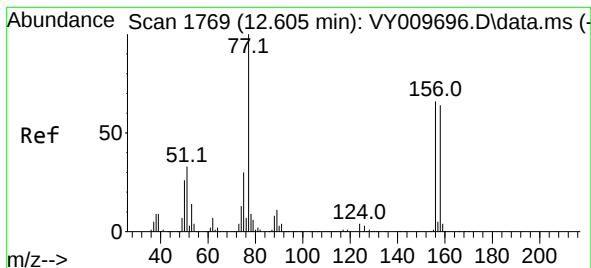
Tgt Ion: 83 Resp: 82220
Ion Ratio Lower Upper
83 100
131 10.8 5.6 16.8
85 64.3 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 92.421 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

Tgt Ion: 75 Resp: 109269
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.344 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009766.D

Acq: 29 Jul 2022 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

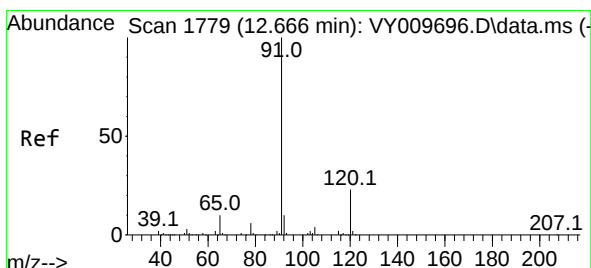
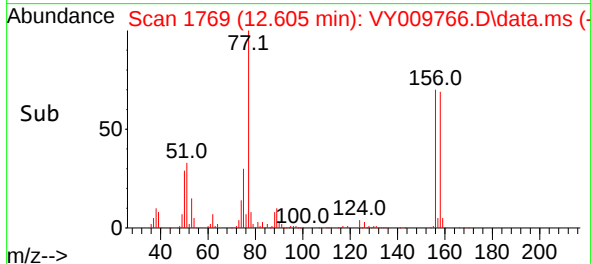
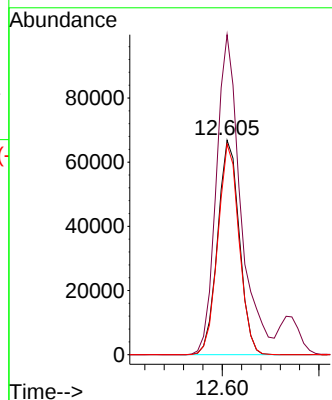
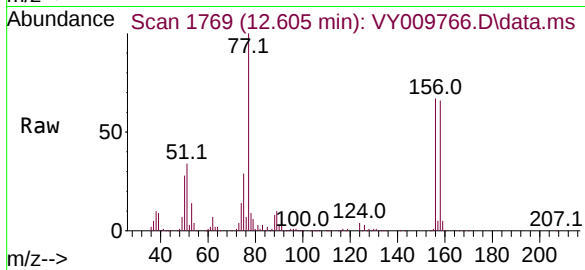
Tgt Ion:156 Resp: 103690

Ion Ratio Lower Upper

156 100

77 168.2 95.5 286.4

158 96.4 48.0 144.0



#78

n-propylbenzene

Concen: 47.735 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY009766.D

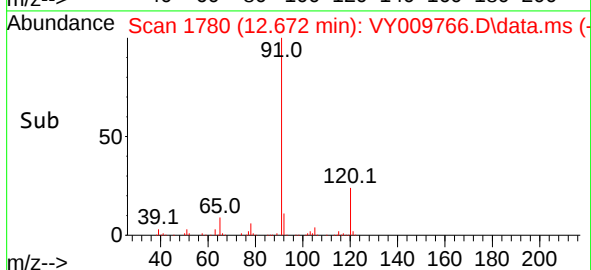
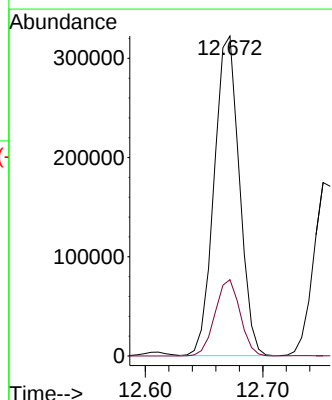
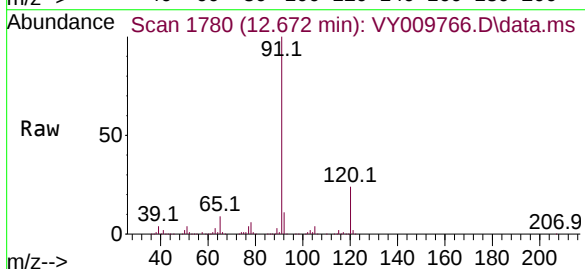
Acq: 29 Jul 2022 11:05

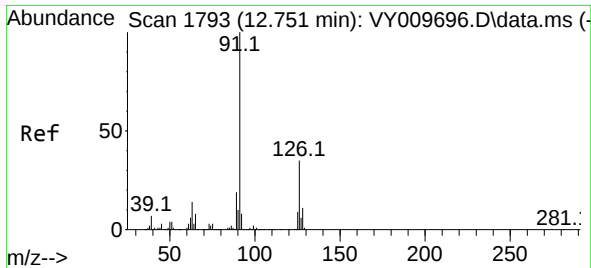
Tgt Ion: 91 Resp: 480000

Ion Ratio Lower Upper

91 100

120 23.8 11.3 33.9

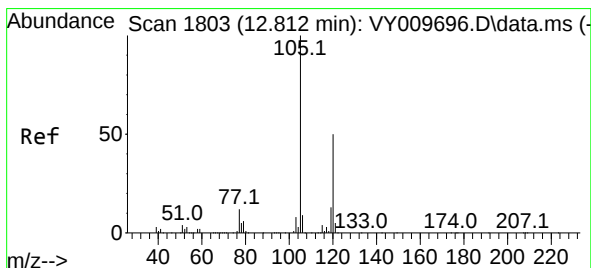
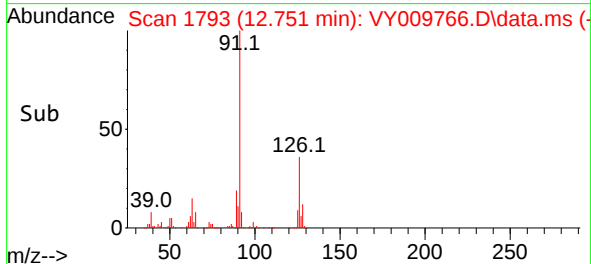
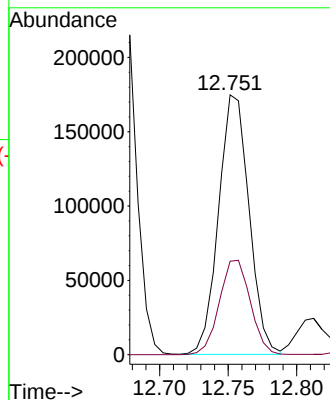
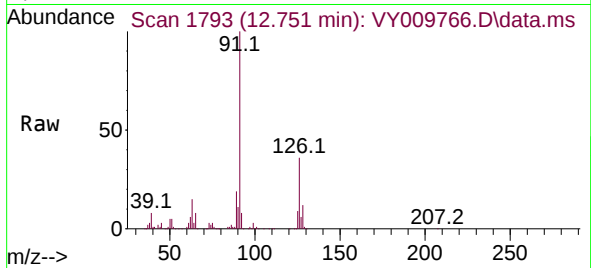




#79
2-Chlorotoluene
Concen: 47.588 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

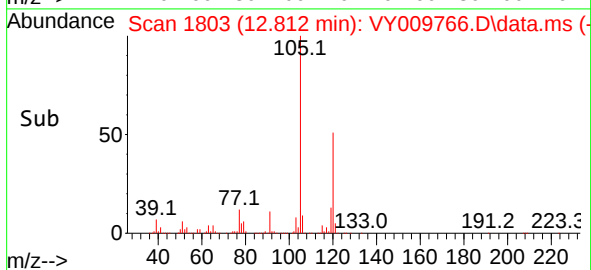
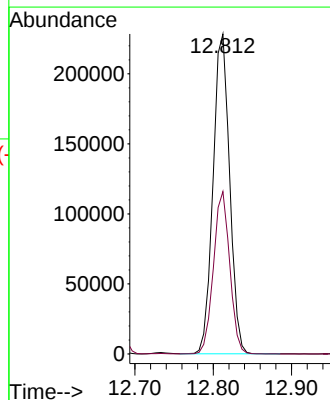
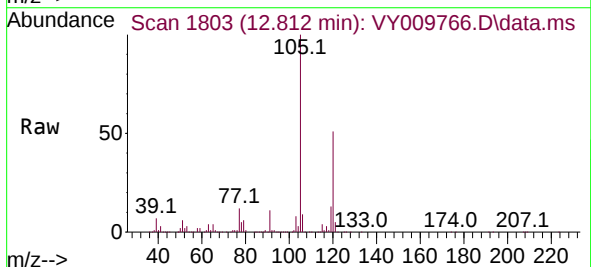
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

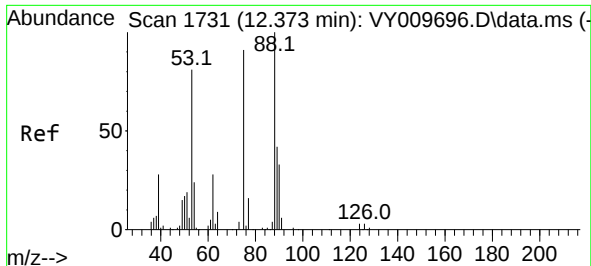
Tgt Ion: 91 Resp: 270816
Ion Ratio Lower Upper
91 100
126 37.0 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 47.830 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

Tgt Ion: 105 Resp: 335412
Ion Ratio Lower Upper
105 100
120 49.9 24.4 73.4

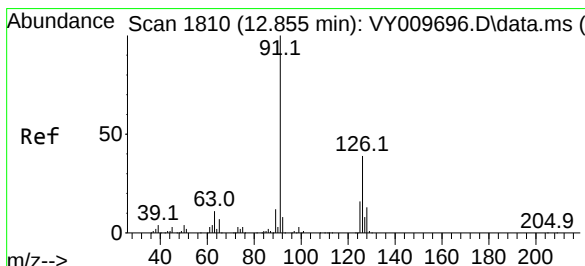
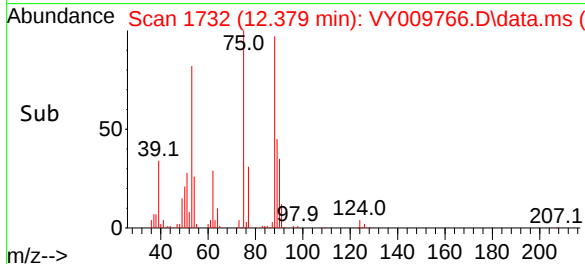
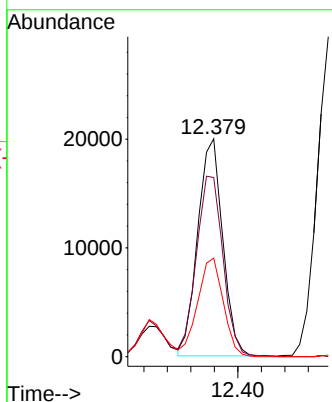
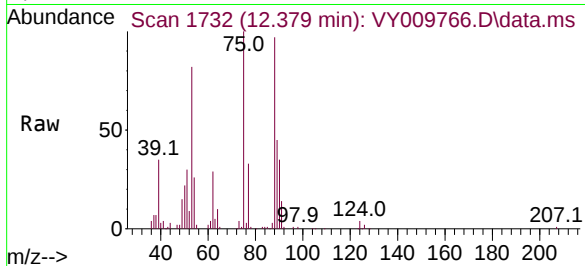




#81
trans-1,4-Dichloro-2-butene
Concen: 49.756 ug/l
RT: 12.379 min Scan# 1731
Delta R.T. 0.006 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

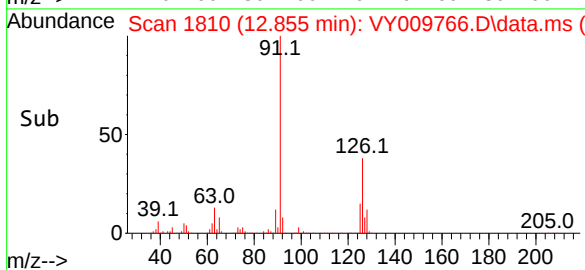
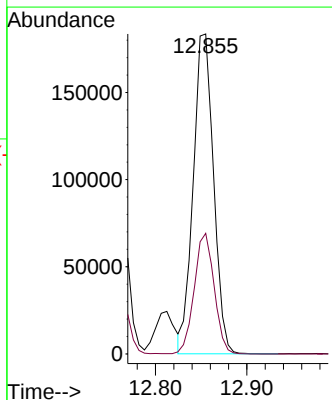
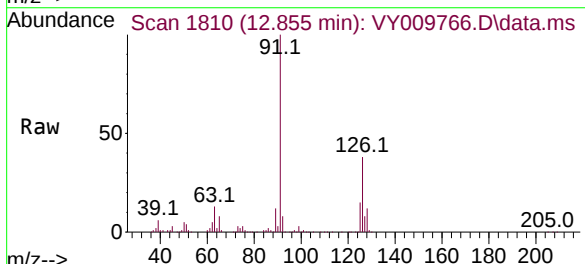
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

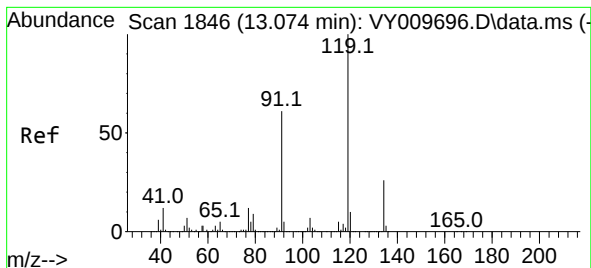
Tgt Ion: 75 Resp: 29512
Ion Ratio Lower Upper
75 100
53 88.7 85.3 127.9
89 46.7 37.0 55.4



#82
4-Chlorotoluene
Concen: 47.909 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

Tgt Ion: 91 Resp: 283623
Ion Ratio Lower Upper
91 100
126 37.1 17.0 51.0

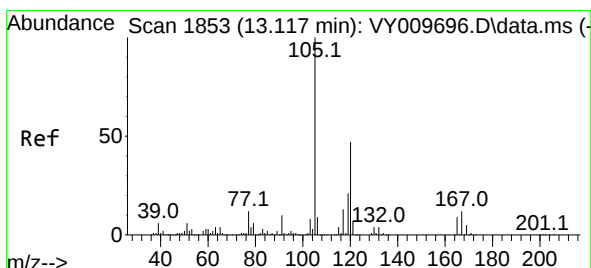
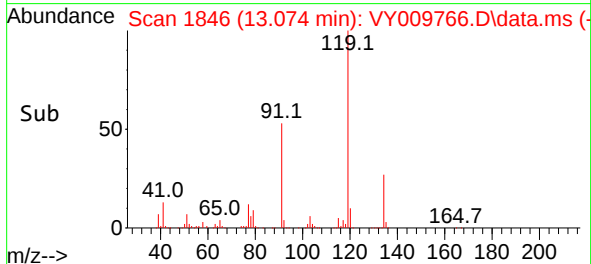
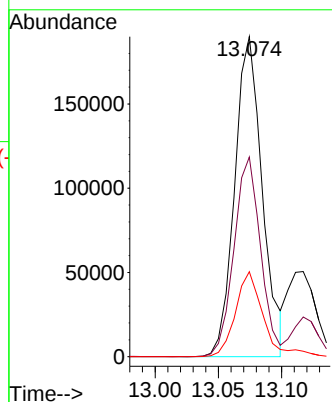
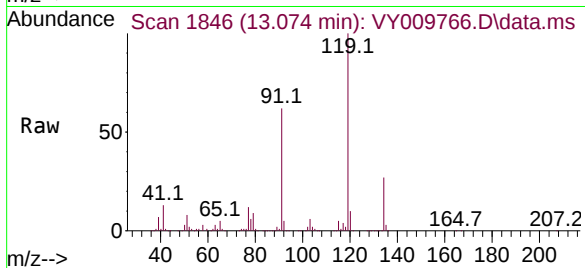




#83
tert-Butylbenzene
Concen: 45.783 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

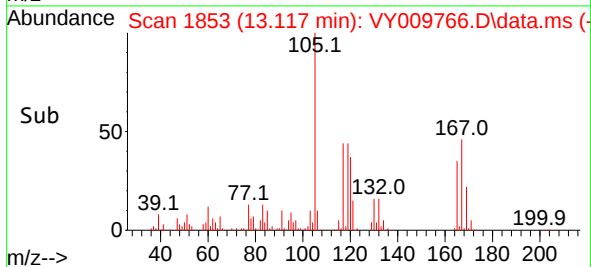
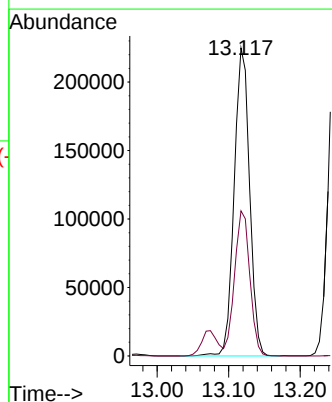
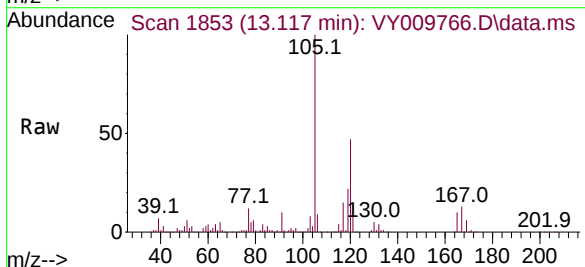
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

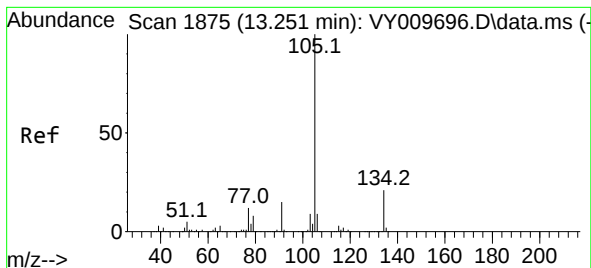
Tgt Ion:119 Resp: 288524
Ion Ratio Lower Upper
119 100
91 60.2 34.8 104.4
134 26.9 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 47.665 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

Tgt Ion:105 Resp: 336907
Ion Ratio Lower Upper
105 100
120 46.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 46.085 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009766.D

Acq: 29 Jul 2022 11:05

Instrument :

MSVOA_Y

ClientSampleId :

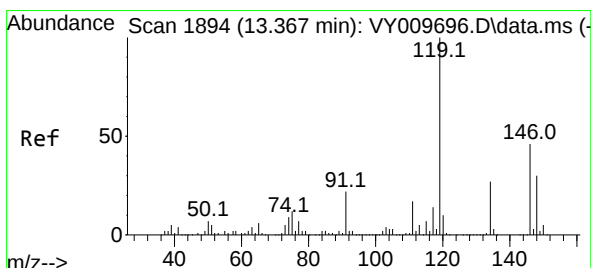
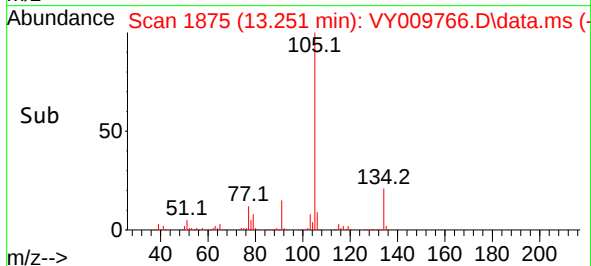
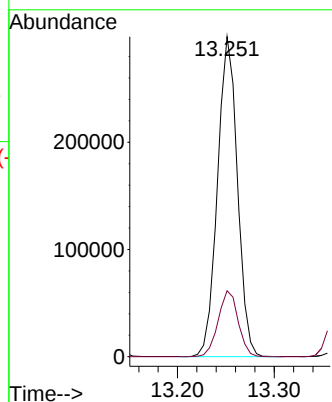
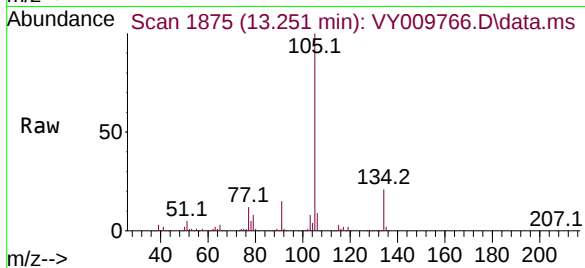
VSTDCCC050

Tgt Ion:105 Resp: 426411

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.4



#86

p-Isopropyltoluene

Concen: 46.498 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009766.D

Acq: 29 Jul 2022 11:05

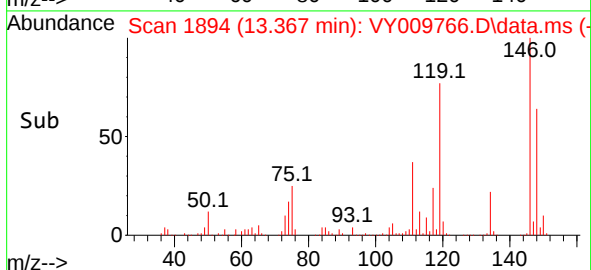
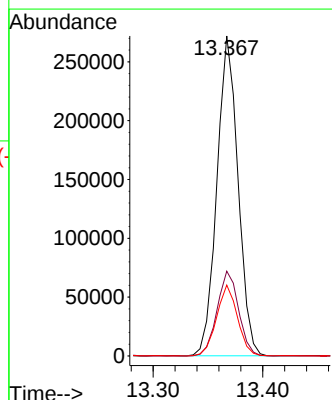
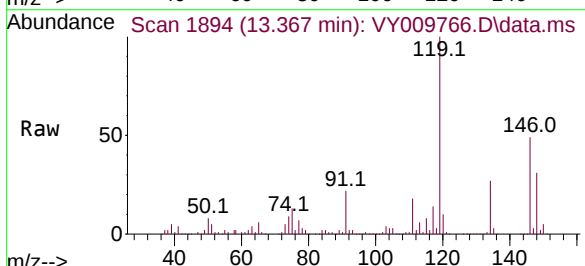
Tgt Ion:119 Resp: 363890

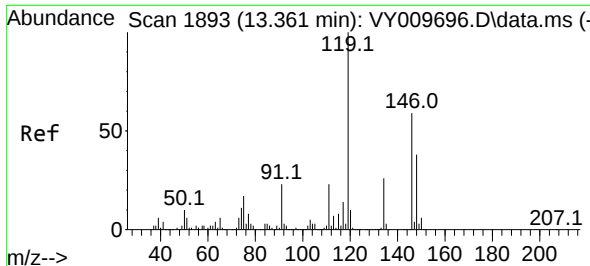
Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.5

91 21.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 48.356 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009766.D

Acq: 29 Jul 2022 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

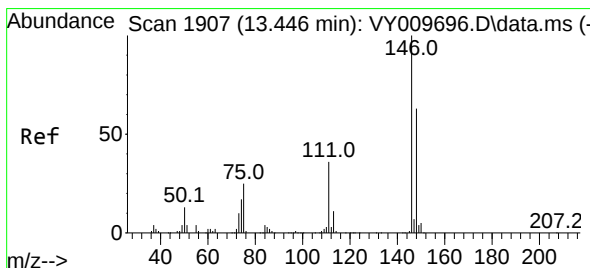
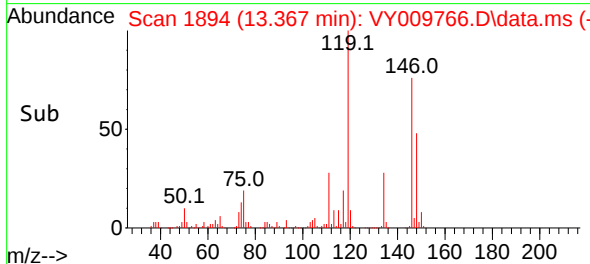
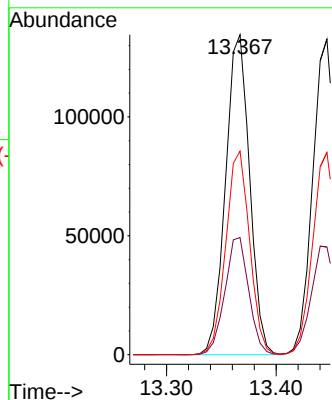
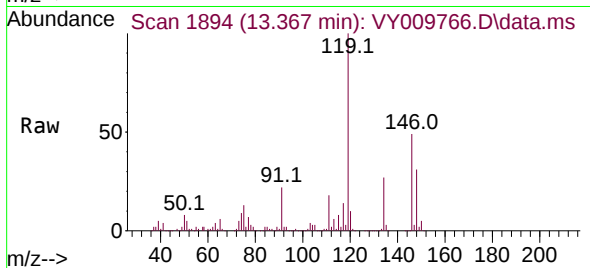
Tgt Ion:146 Resp: 205175

Ion Ratio Lower Upper

146 100

111 36.5 19.5 58.5

148 63.2 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 47.255 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY009766.D

Acq: 29 Jul 2022 11:05

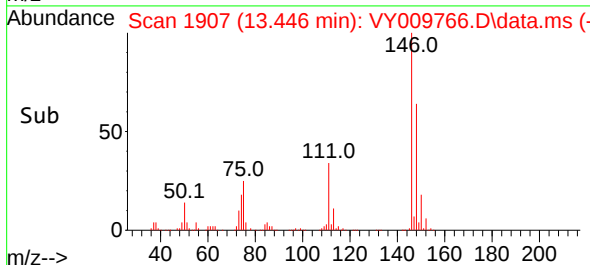
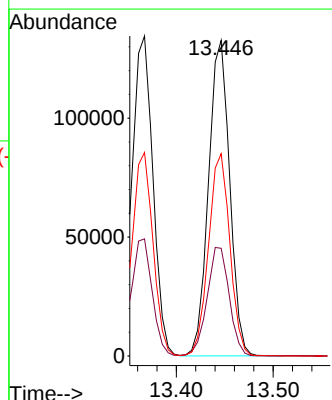
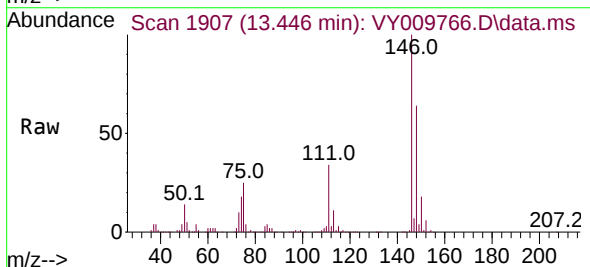
Tgt Ion:146 Resp: 201911

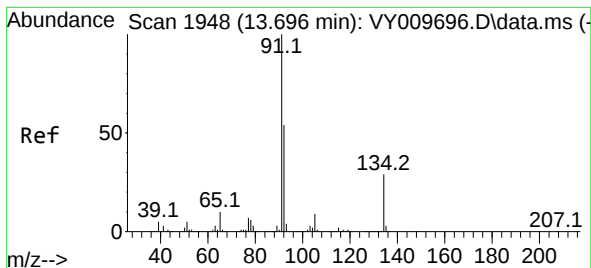
Ion Ratio Lower Upper

146 100

111 36.0 19.3 57.8

148 64.8 32.6 97.8





#89

n-Butylbenzene

Concen: 44.725 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY009766.D

Acq: 29 Jul 2022 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

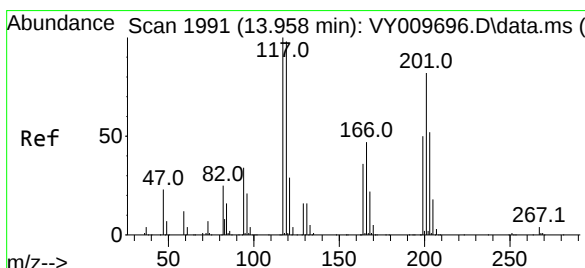
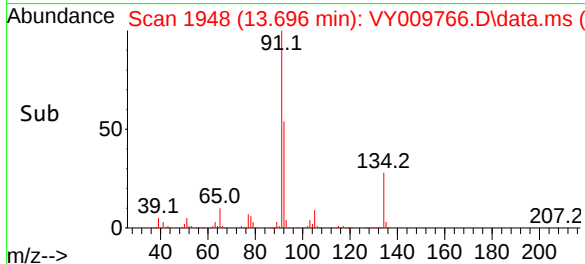
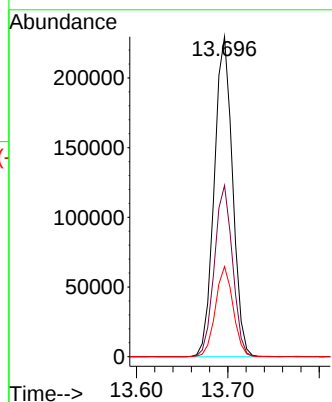
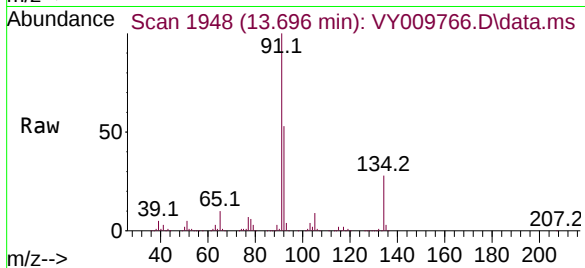
Tgt Ion: 91 Resp: 320666

Ion Ratio Lower Upper

91 100

92 53.0 26.3 78.9

134 27.3 13.0 38.9



#90

Hexachloroethane

Concen: 45.144 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY009766.D

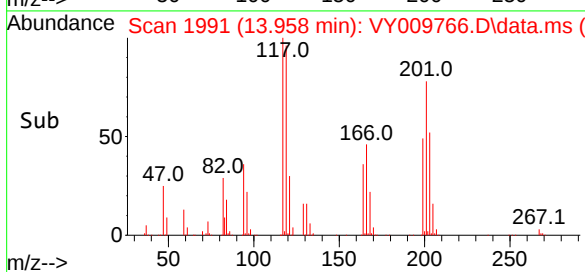
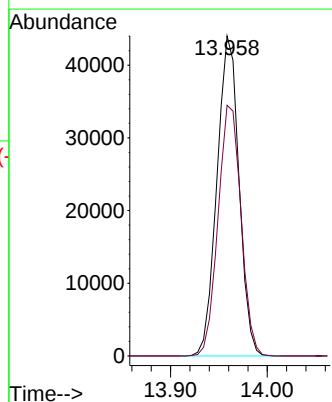
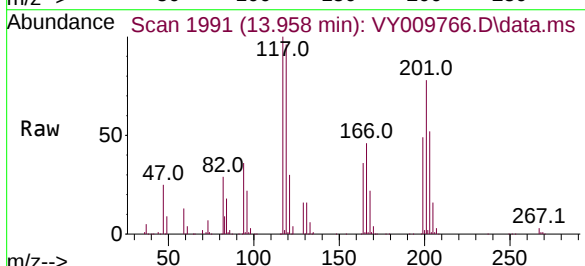
Acq: 29 Jul 2022 11:05

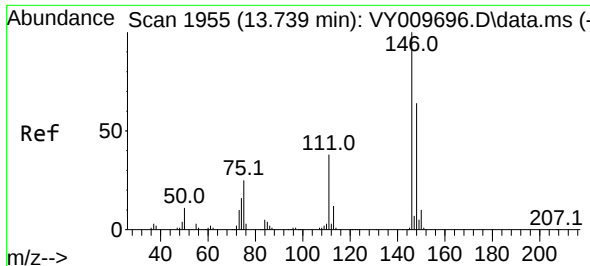
Tgt Ion: 117 Resp: 69497

Ion Ratio Lower Upper

117 100

201 81.7 43.0 128.8

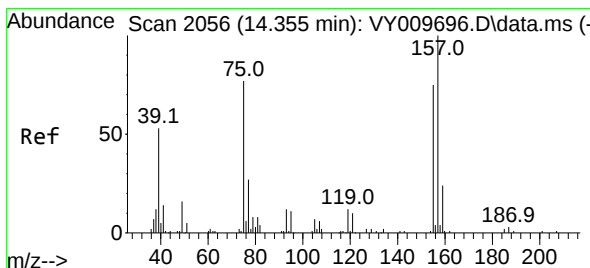
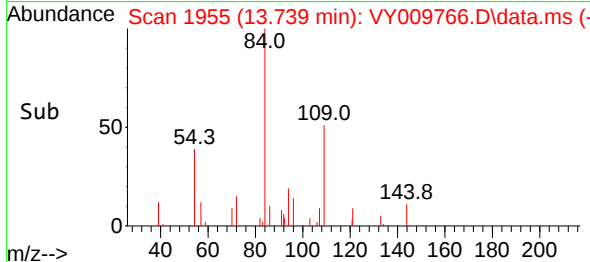
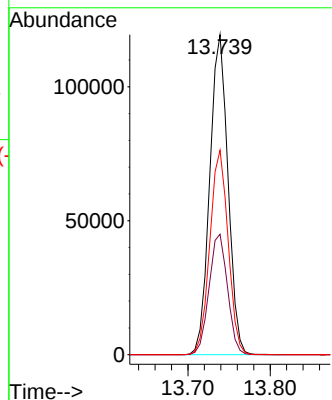
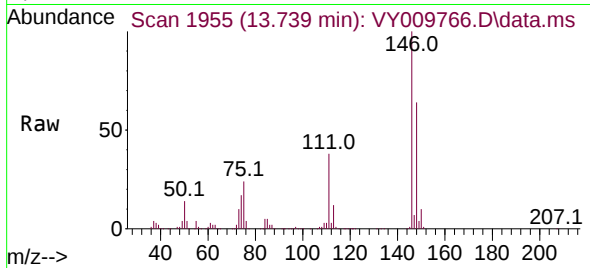




#91
1,2-Dichlorobenzene
Concen: 48.492 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

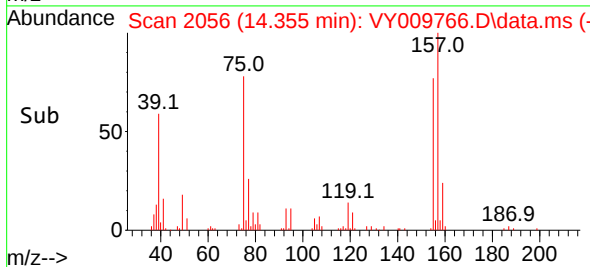
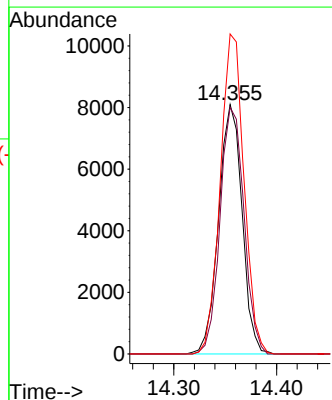
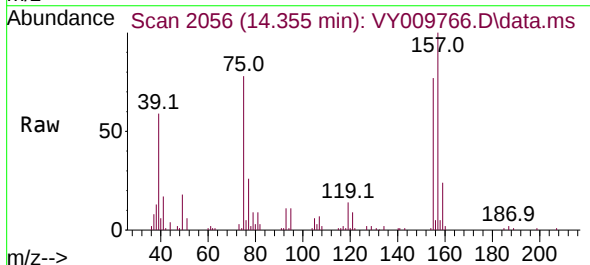
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

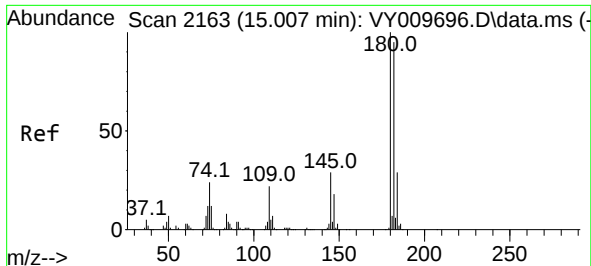
Tgt Ion:146 Resp: 183753
Ion Ratio Lower Upper
146 100
111 38.2 20.3 60.9
148 64.1 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.858 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

Tgt Ion: 75 Resp: 12825
Ion Ratio Lower Upper
75 100
155 100.6 38.0 113.9
157 129.5 47.8 143.3

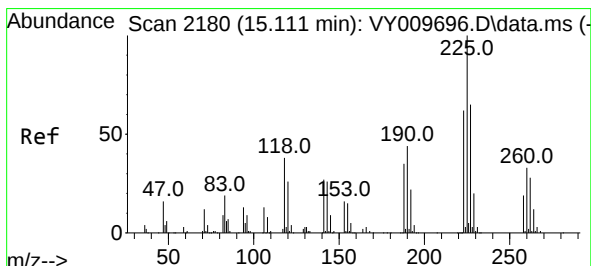
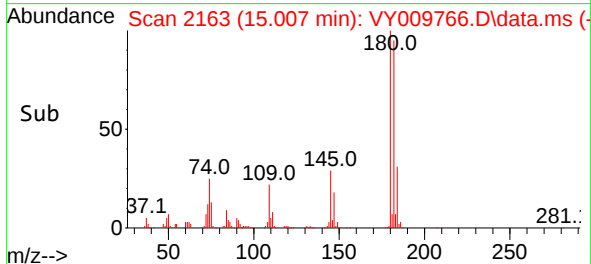
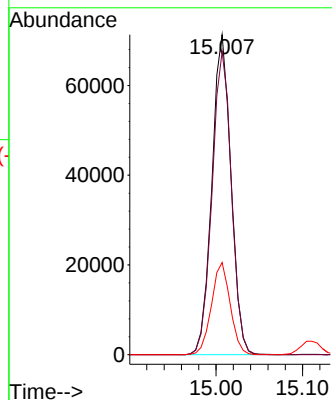
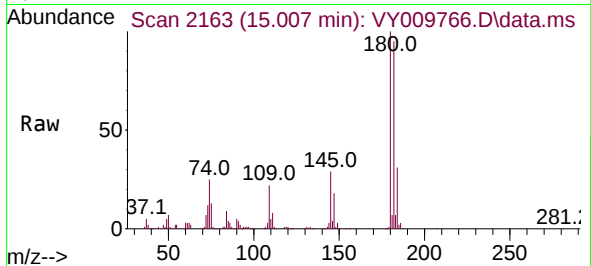




#93
1,2,4-Trichlorobenzene
Concen: 45.617 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

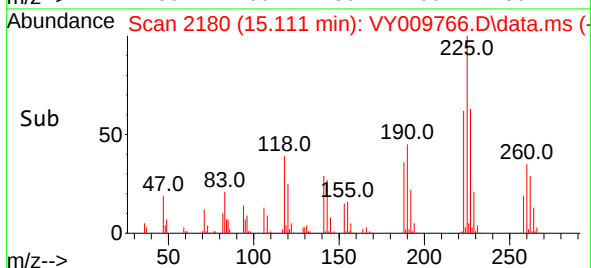
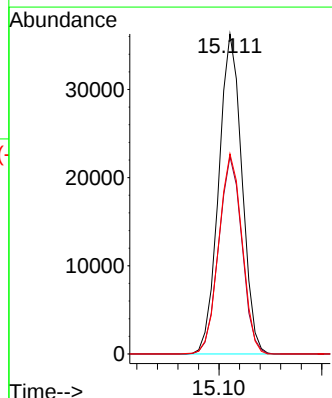
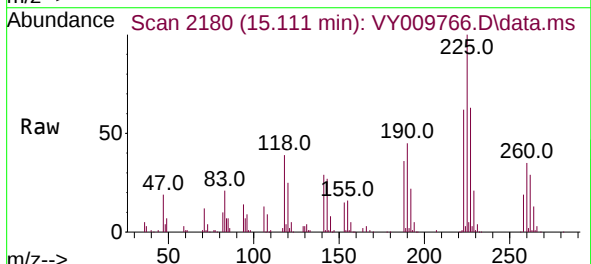
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

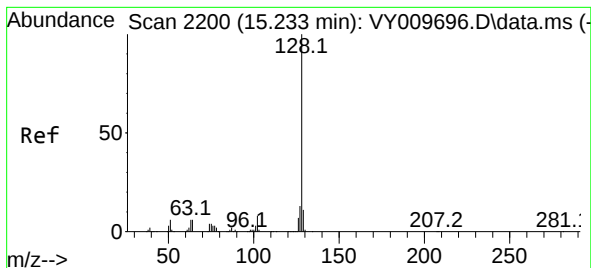
Tgt Ion:180 Resp: 109099
Ion Ratio Lower Upper
180 100
182 96.1 47.3 141.9
145 28.3 14.6 43.8



#94
Hexachlorobutadiene
Concen: 39.251 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY009766.D
Acq: 29 Jul 2022 11:05

Tgt Ion:225 Resp: 56838
Ion Ratio Lower Upper
225 100
223 61.7 30.8 92.3
227 62.8 31.6 94.7





#95

Naphthalene

Concen: 49.690 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY009766.D

Acq: 29 Jul 2022 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

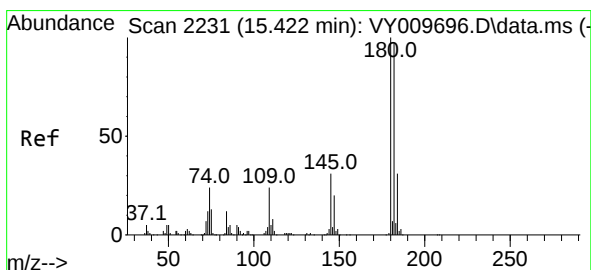
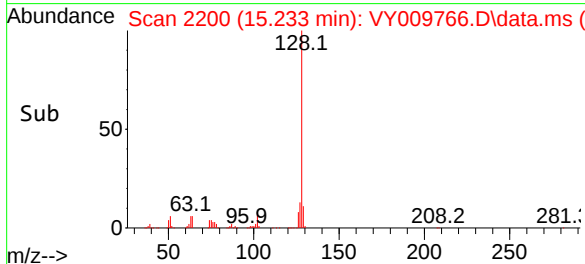
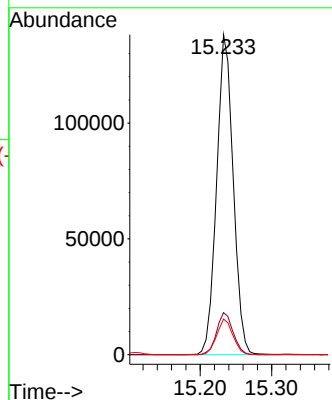
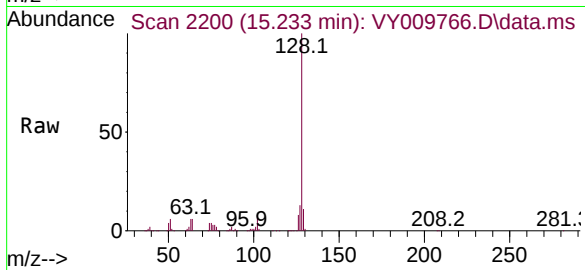
Tgt Ion:128 Resp: 222762

Ion Ratio Lower Upper

128 100

127 13.0 11.0 16.4

129 10.9 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 46.699 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY009766.D

Acq: 29 Jul 2022 11:05

Tgt Ion:180 Resp: 97686

Ion Ratio Lower Upper

180 100

182 96.2 47.3 141.9

145 29.9 15.3 45.9

