

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052022\
 Data File : VY008913.D
 Acq On : 20 May 2022 19:02
 Operator : KP/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Quant Time: May 20 23:00:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 22:58:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	131596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	216199	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	200732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	101591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	14892	12.666	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	25.340%#
35) Dibromofluoromethane	7.716	113	14779	11.991	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	23.980%#
50) Toluene-d8	10.179	98	54482	11.796	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	23.600%#
62) 4-Bromofluorobenzene	12.477	95	17728	10.094	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	20.180%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	12864	12.075	ug/l	99
3) Chloromethane	2.113	50	19986	12.319	ug/l	92
4) Vinyl Chloride	2.247	62	30271	13.145	ug/l	94
5) Bromomethane	2.644	94	27611	15.447	ug/l	99
6) Chloroethane	2.790	64	20494	12.246	ug/l	97
7) Trichlorofluoromethane	3.125	101	24420	11.527	ug/l	98
8) Diethyl Ether	3.528	74	6992	11.534	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.899	101	14188	11.149	ug/l	97
10) Methyl Iodide	4.082	142	12183	8.590	ug/l	92
11) Tert butyl alcohol	4.954	59	6596	48.417	ug/l	98
12) 1,1-Dichloroethene	3.869	96	13596	11.717	ug/l	81
13) Acrolein	3.729	56	3305	51.934	ug/l	88
14) Allyl chloride	4.485	41	19753	11.491	ug/l #	87
15) Acrylonitrile	5.155	53	18257	46.051	ug/l	95
16) Acetone	3.948	43	14093	44.872	ug/l	90
17) Carbon Disulfide	4.186	76	43972	12.474	ug/l	97
18) Methyl Acetate	4.466	43	8319	8.298	ug/l #	80
19) Methyl tert-butyl Ether	5.216	73	35840	11.314	ug/l	91
20) Methylene Chloride	4.710	84	25805	15.591	ug/l	88
21) trans-1,2-Dichloroethene	5.210	96	16407	11.505	ug/l	89
22) Diisopropyl ether	6.119	45	44700	12.098	ug/l #	92
23) Vinyl Acetate	6.058	43	139309	54.113	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	28343	11.770	ug/l	97
25) 2-Butanone	6.984	43	23296	45.043	ug/l #	90
26) 2,2-Dichloropropane	6.972	77	25244	11.118	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	18382	11.546	ug/l	87
28) Bromochloromethane	7.332	49	9475	10.744	ug/l	90
29) Tetrahydrofuran	7.344	42	15525	44.899	ug/l #	87
30) Chloroform	7.509	83	30053	11.665	ug/l	92
31) Cyclohexane	7.783	56	29070	12.761	ug/l	93
32) 1,1,1-Trichloroethane	7.698	97	27120	11.356	ug/l	98
36) 1,1-Dichloropropene	7.917	75	23396	11.130	ug/l	99
37) Ethyl Acetate	7.076	43	11036	9.033	ug/l #	95
38) Carbon Tetrachloride	7.899	117	24731	11.025	ug/l	97
39) Methylcyclohexane	9.179	83	29123	11.445	ug/l	87
40) Benzene	8.161	78	66279	11.232	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	5455	8.476	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	20224	11.672	ug/l	95
43) Isopropyl Acetate	8.271	43	21031	10.163	ug/l #	87
44) Trichloroethene	8.935	130	17562	11.003	ug/l	96
45) 1,2-Dichloropropane	9.216	63	16261	11.555	ug/l	100
46) Dibromomethane	9.301	93	9368	10.170	ug/l	95
47) Bromodichloromethane	9.496	83	22796	11.150	ug/l	97
48) Methyl methacrylate	9.295	41	9067	9.897	ug/l #	80
49) 1,4-Dioxane	9.295	88	2386	177.963	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	53684	44.393	ug/l	90
52) Toluene	10.246	92	42946	10.635	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	23067	10.796	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	25632	11.143	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	13292	10.612	ug/l	93
56) Ethyl methacrylate	10.508	69	15034	9.757	ug/l	88
57) 1,3-Dichloropropane	10.788	76	21981	10.654	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	34247	45.313	ug/l	94
59) 2-Hexanone	10.831	43	35996	42.049	ug/l	93
60) Dibromochloromethane	10.984	129	14874	9.828	ug/l	98
61) 1,2-Dibromoethane	11.087	107	12307	9.835	ug/l	94
64) Tetrachloroethene	10.721	164	15487	11.596	ug/l	96
65) Chlorobenzene	11.514	112	46225	10.992	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	16036	10.391	ug/l	96
67) Ethyl Benzene	11.593	91	79889	10.571	ug/l	98
68) m/p-Xylenes	11.703	106	64380	21.255	ug/l	92
69) o-Xylene	12.026	106	28966	10.359	ug/l	93
70) Styrene	12.044	104	47990	10.058	ug/l	95
71) Bromoform	12.209	173	9302	8.884	ug/l #	98
73) Isopropylbenzene	12.331	105	77627	10.804	ug/l	99
74) N-amyl acetate	12.142	43	17767	10.422	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	15964	10.129	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	19942	16.762	ug/l #	100
77) Bromobenzene	12.605	156	18042	10.843	ug/l	95
78) n-propylbenzene	12.672	91	99446	12.075	ug/l	100
79) 2-Chlorotoluene	12.758	91	53569	11.195	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	65772	11.272	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	5332	9.868	ug/l	86
82) 4-Chlorotoluene	12.855	91	55138	10.871	ug/l	96
83) tert-Butylbenzene	13.075	119	56346	10.778	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	63149	10.913	ug/l	96
85) sec-Butylbenzene	13.251	105	88598	10.874	ug/l	100
86) p-Isopropyltoluene	13.367	119	72712	10.922	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	37362	10.656	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	38618	11.144	ug/l	97
89) n-Butylbenzene	13.696	91	68816	10.972	ug/l	99
90) Hexachloroethane	13.959	117	14193	11.298	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	32384	10.592	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2507	9.433	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	18299	10.969	ug/l	100
94) Hexachlorobutadiene	15.111	225	10950	11.485	ug/l	98
95) Naphthalene	15.239	128	32597	8.883	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	15083	10.322	ug/l	98

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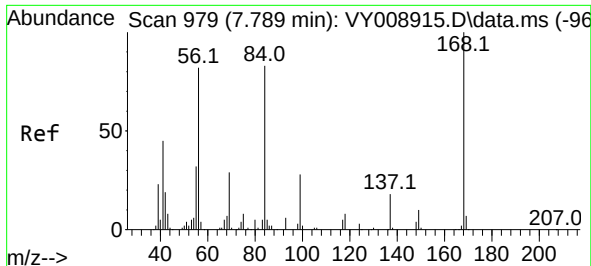
Quant Time: May 20 23:00:13 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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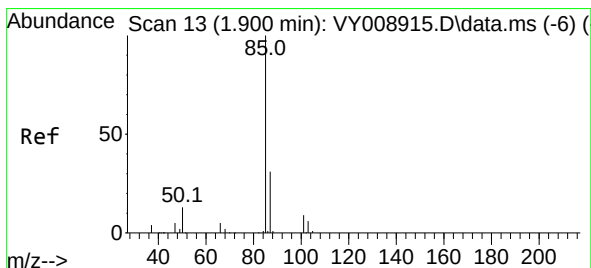
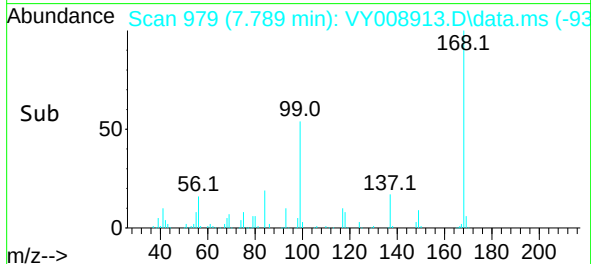
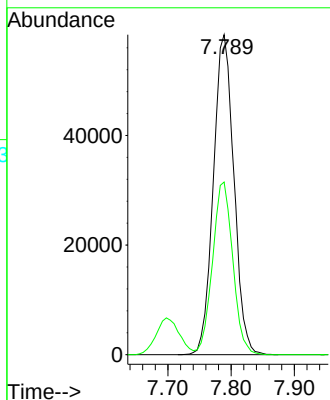
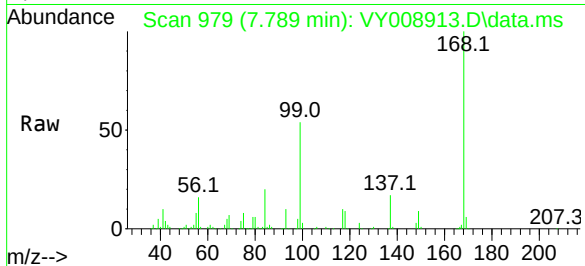




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008913.D
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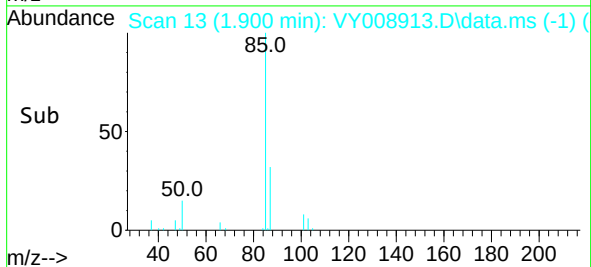
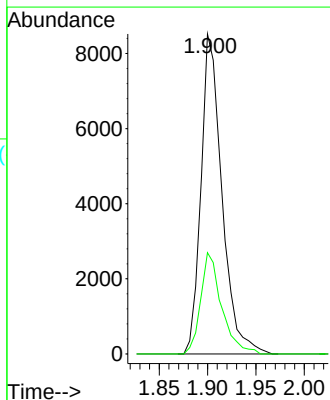
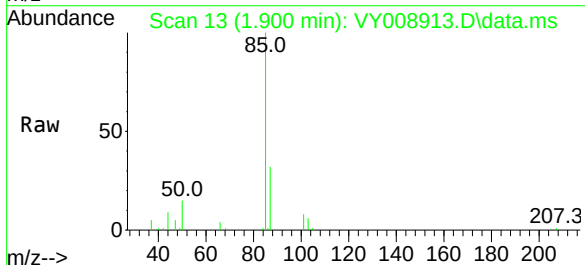
Instrument :
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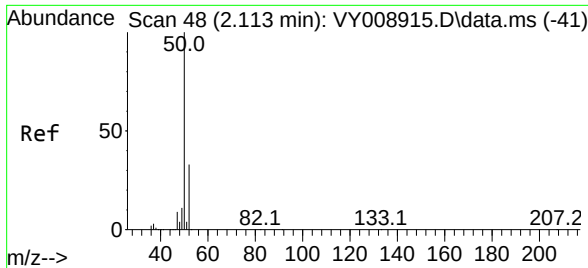
Tgt Ion:168 Resp: 131596
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 12.075 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

Tgt Ion: 85 Resp: 12864
Ion Ratio Lower Upper
85 100
87 31.6 16.1 48.2

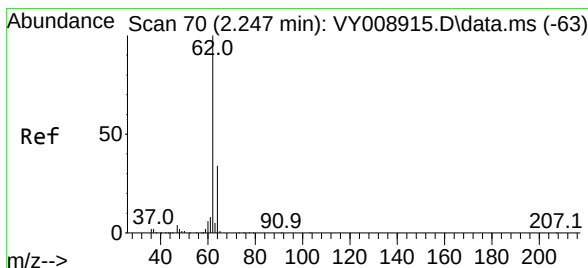
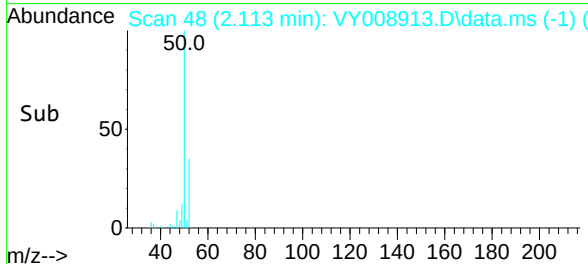
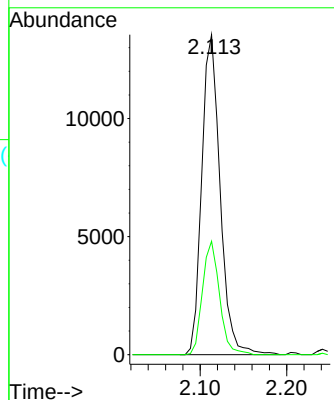
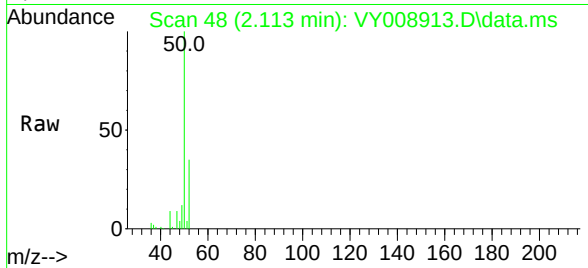




#3
Chloromethane
Concen: 12.319 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

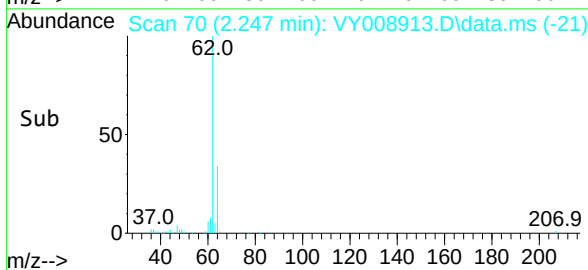
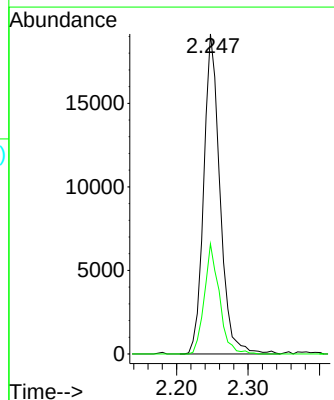
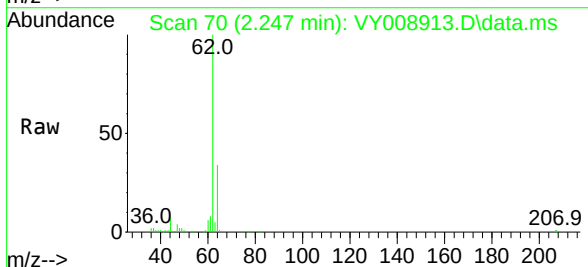
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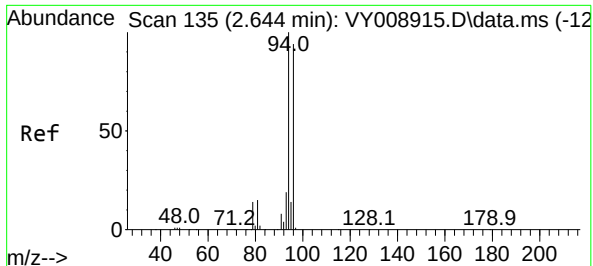
Tgt Ion: 50 Resp: 19986
Ion Ratio Lower Upper
50 100
52 35.4 24.6 37.0



#4
Vinyl Chloride
Concen: 13.145 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

Tgt Ion: 62 Resp: 30271
Ion Ratio Lower Upper
62 100
64 34.4 25.0 37.6

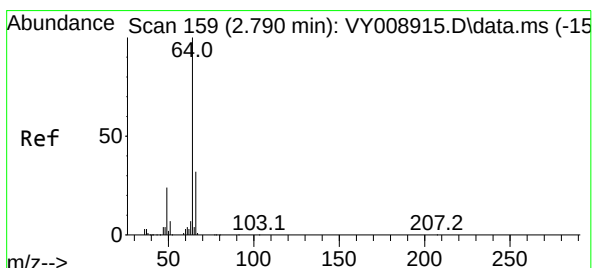
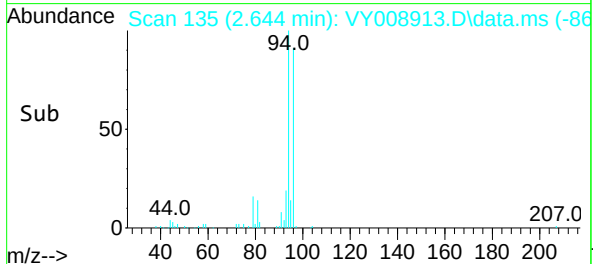
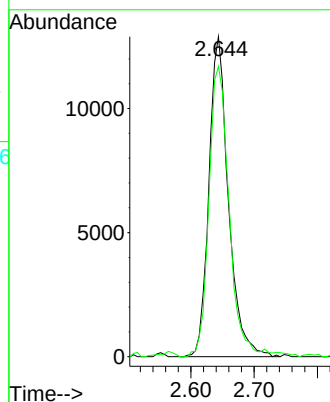
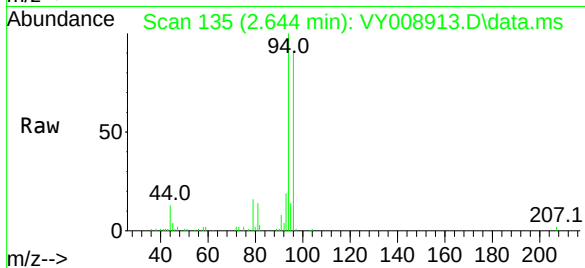




#5
Bromomethane
Concen: 15.447 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

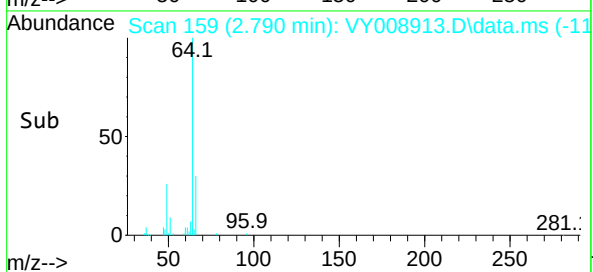
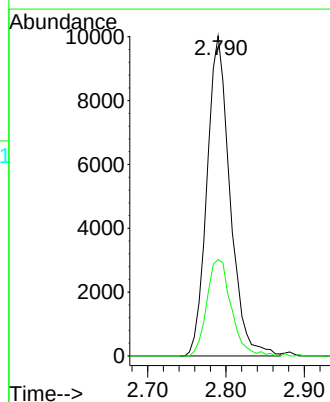
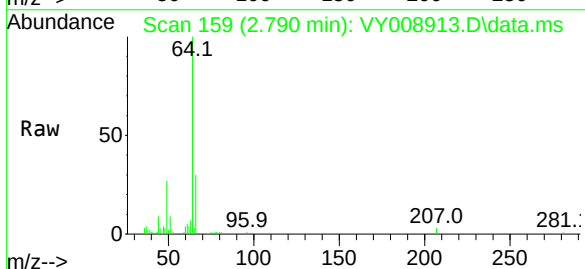
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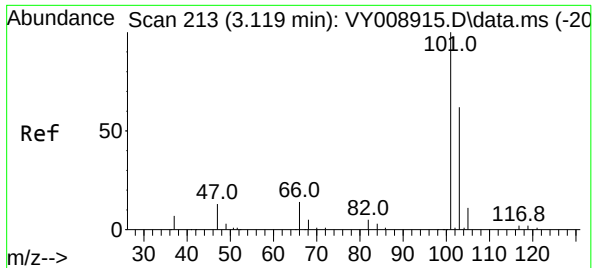
Tgt Ion: 94 Resp: 27611
Ion Ratio Lower Upper
94 100
96 90.7 73.5 110.3



#6
Chloroethane
Concen: 12.246 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

Tgt Ion: 64 Resp: 20494
Ion Ratio Lower Upper
64 100
66 30.1 25.4 38.0

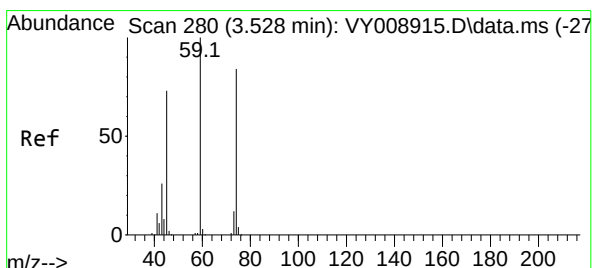
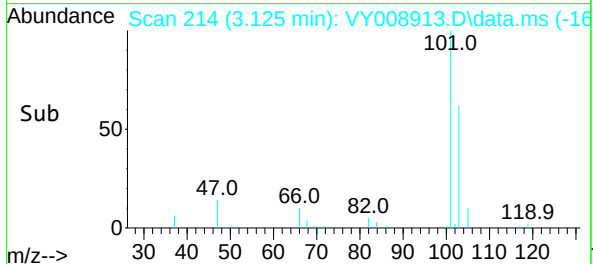
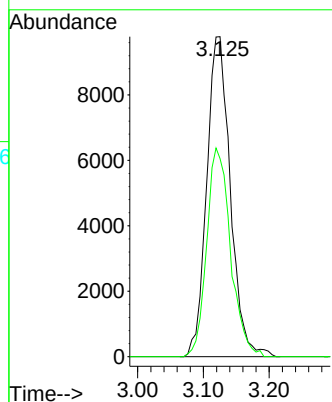
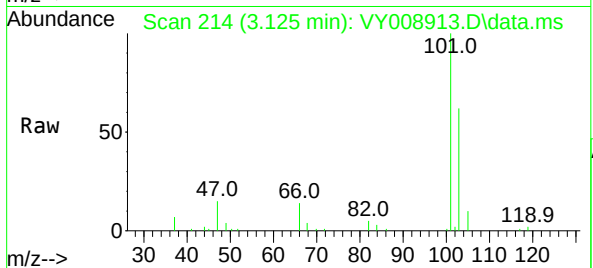




#7
Trichlorofluoromethane
Concen: 11.527 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

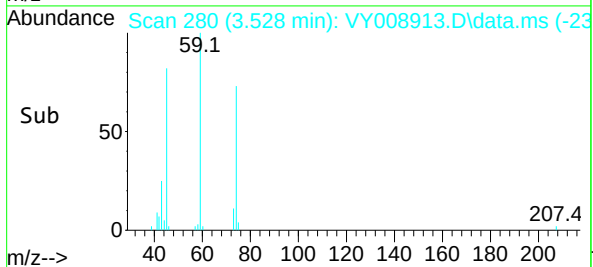
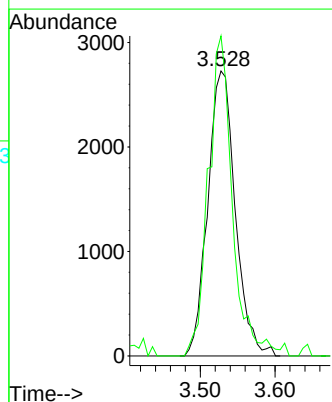
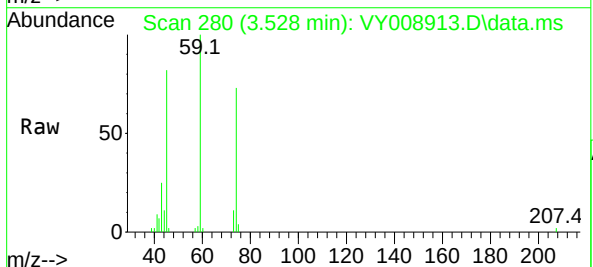
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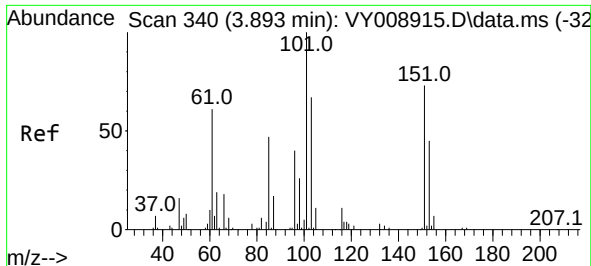
Tgt Ion:101 Resp: 24420
Ion Ratio Lower Upper
101 100
103 61.9 48.0 72.0



#8
Diethyl Ether
Concen: 11.534 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.000 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

Tgt Ion: 74 Resp: 6992
Ion Ratio Lower Upper
74 100
45 98.5 55.1 165.5

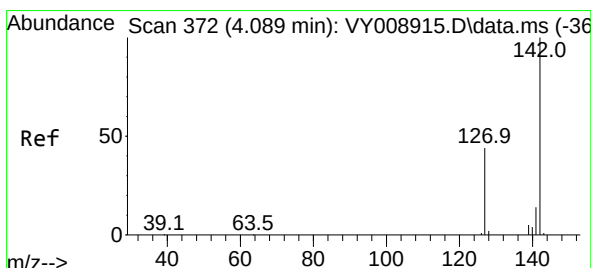
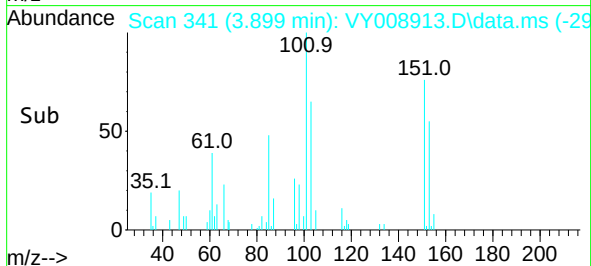
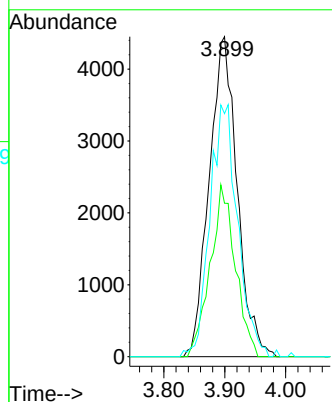
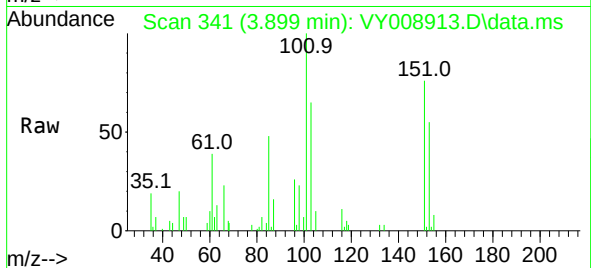




#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.149 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY008913.D
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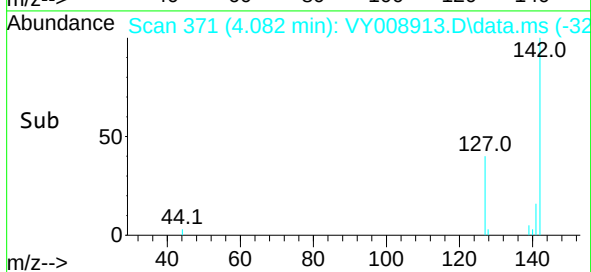
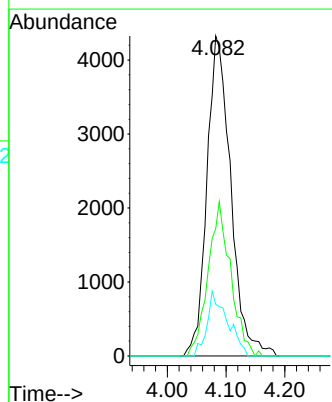
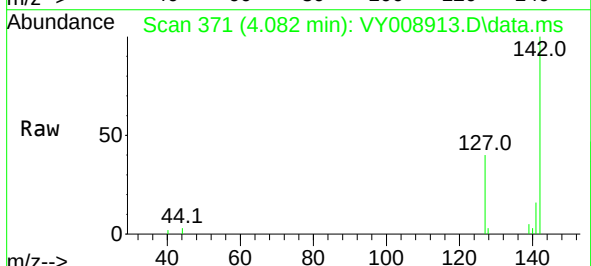
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

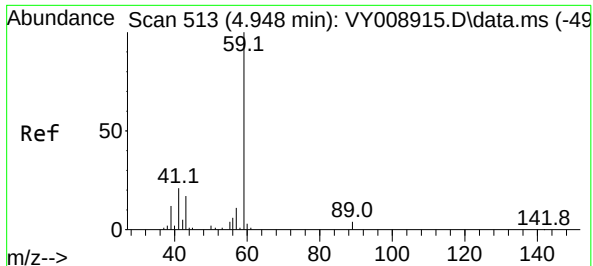
Tgt Ion:101 Resp: 14188
Ion Ratio Lower Upper
101 100
85 48.2 40.6 60.8
151 78.3 64.9 97.3



#10
Methyl Iodide
Concen: 8.590 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

Tgt Ion:142 Resp: 12183
Ion Ratio Lower Upper
142 100
127 45.8 41.5 62.3
141 17.4 11.9 17.9

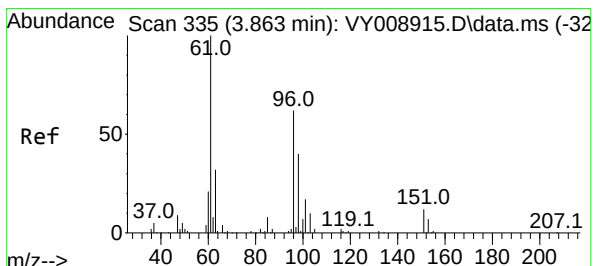
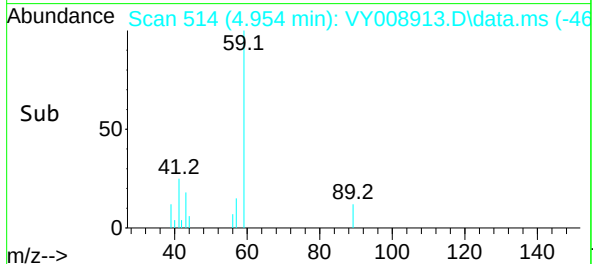
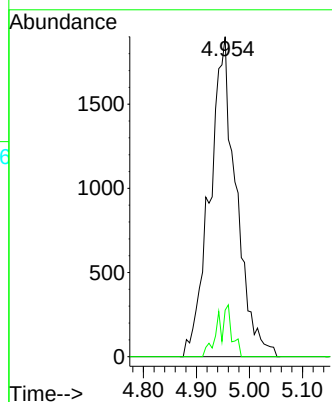
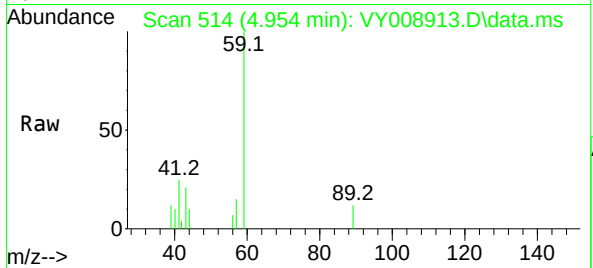




#11
Tert butyl alcohol
Concen: 48.417 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

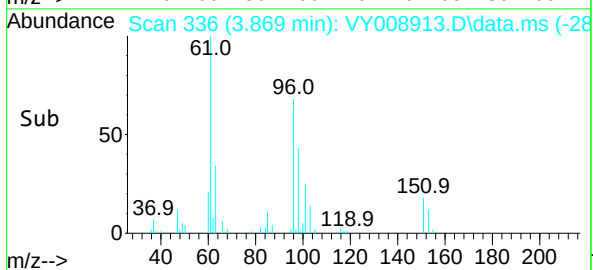
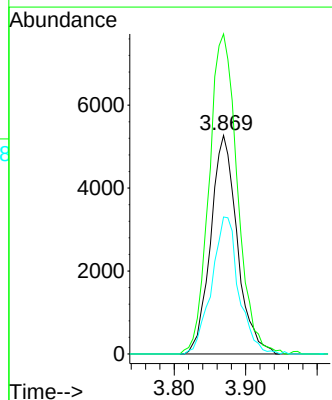
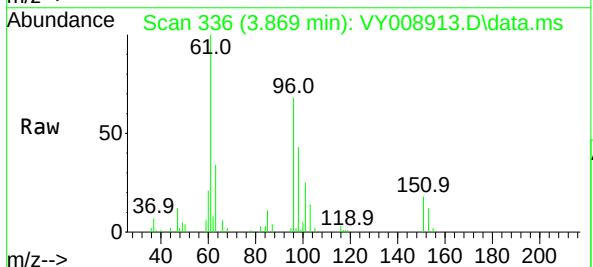
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

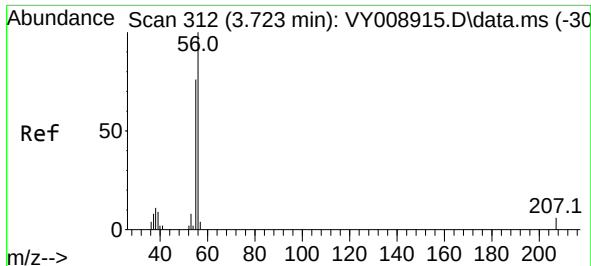
Tgt Ion: 59 Resp: 6596
Ion Ratio Lower Upper
59 100
57 8.5 6.4 9.6



#12
1,1-Dichloroethene
Concen: 11.717 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

Tgt Ion: 96 Resp: 13596
Ion Ratio Lower Upper
96 100
61 146.4 145.8 218.6
98 62.6 52.5 78.7

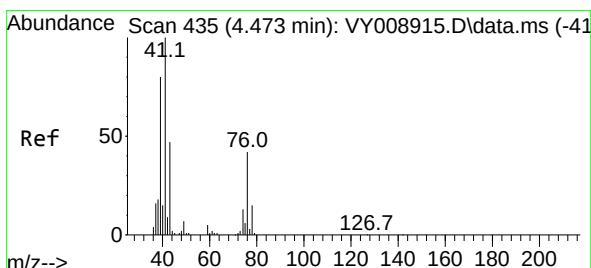
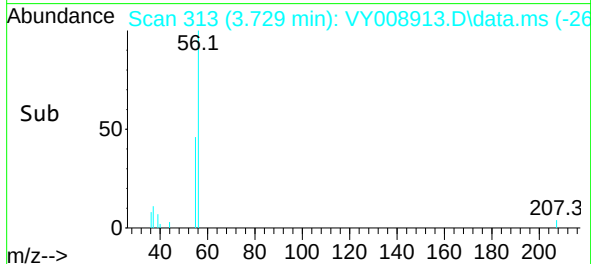
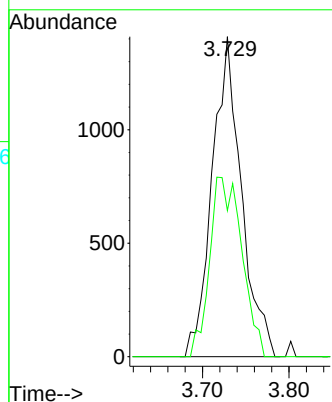
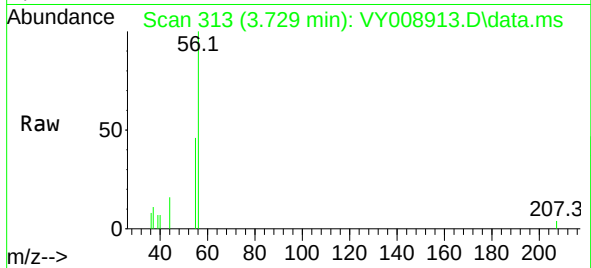




#13
Acrolein
Concen: 51.934 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

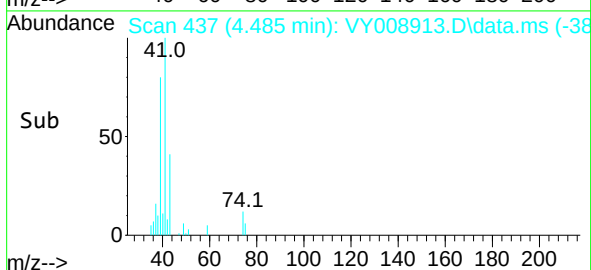
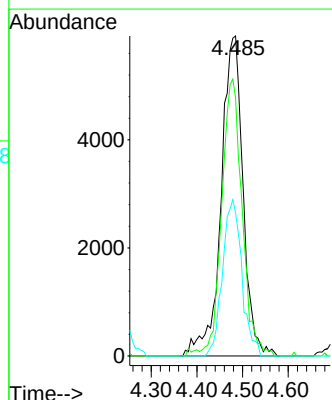
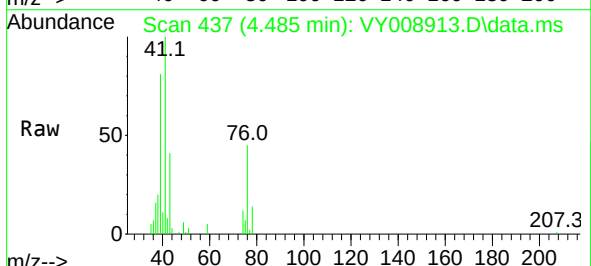
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

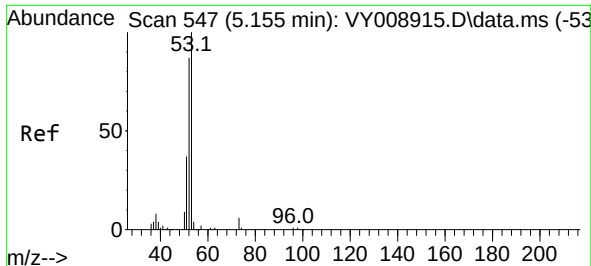
Tgt Ion: 56 Resp: 3305
Ion Ratio Lower Upper
56 100
55 61.7 57.6 86.4



#14
Allyl chloride
Concen: 11.491 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.012 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

Tgt Ion: 41 Resp: 19753
Ion Ratio Lower Upper
41 100
39 81.1 58.8 88.2
76 42.9 25.1 37.7#

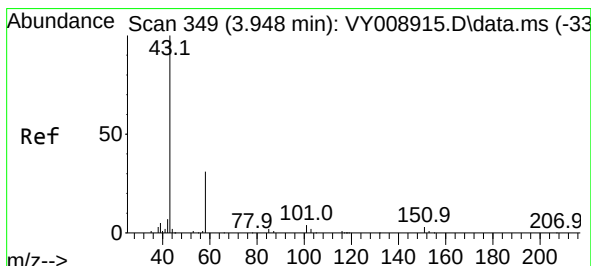
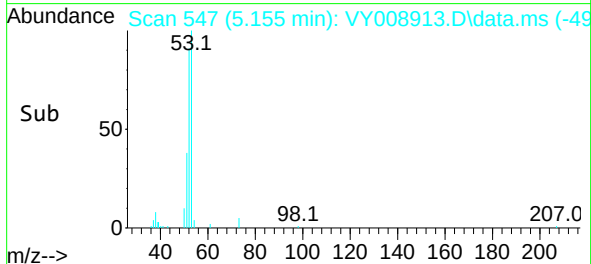
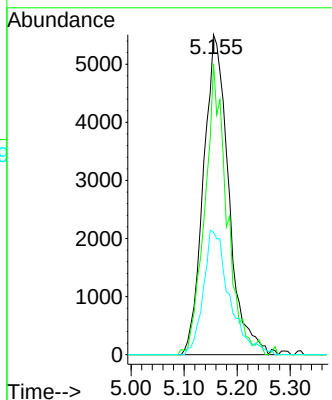
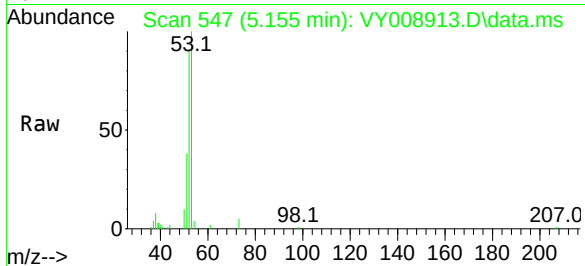




#15
Acrylonitrile
Concen: 46.051 ug/l
RT: 5.155 min Scan# 547
Delta R.T. -0.000 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

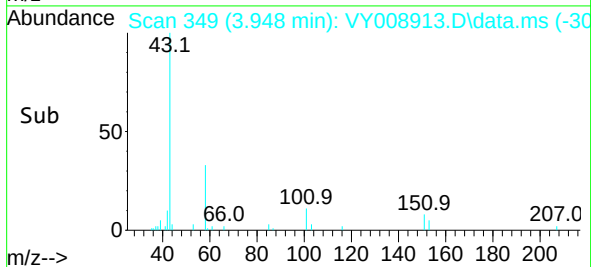
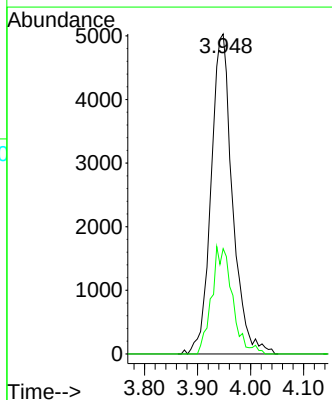
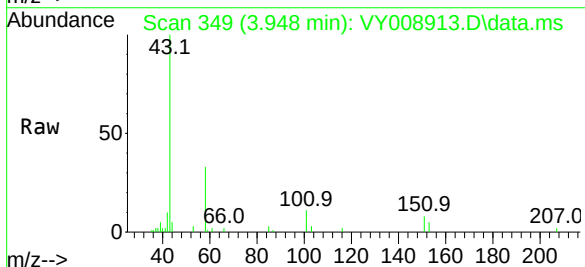
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

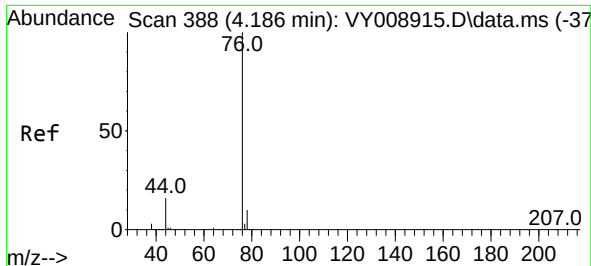
Tgt Ion:	53	Resp:	18257
Ion	Ratio	Lower	Upper
53	100		
52	79.6	67.0	100.4
51	40.1	29.8	44.6



#16
Acetone
Concen: 44.872 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

Tgt Ion:	43	Resp:	14093
Ion	Ratio	Lower	Upper
43	100		
58	32.9	22.0	33.0

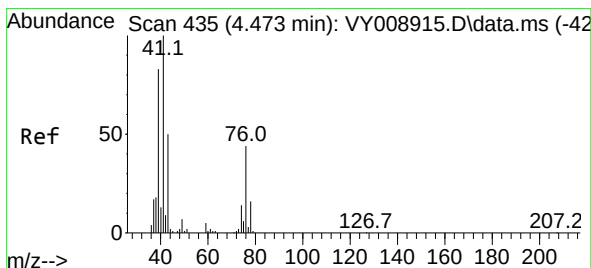
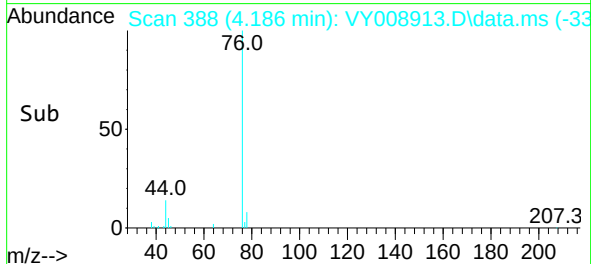
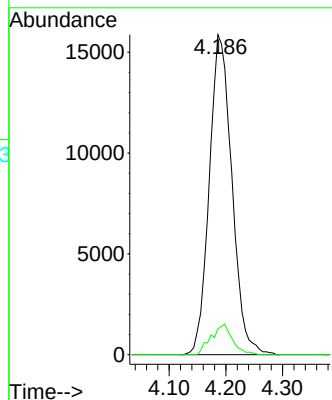
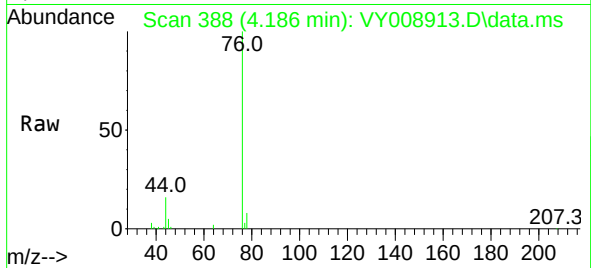




#17
Carbon Disulfide
Concen: 12.474 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

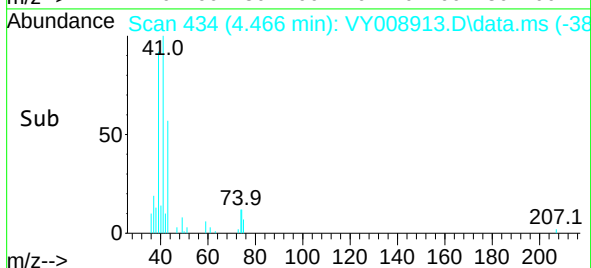
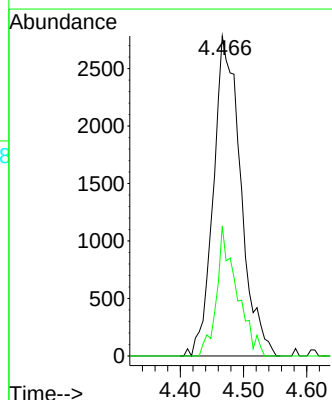
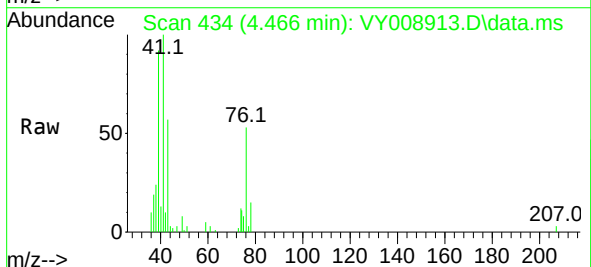
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

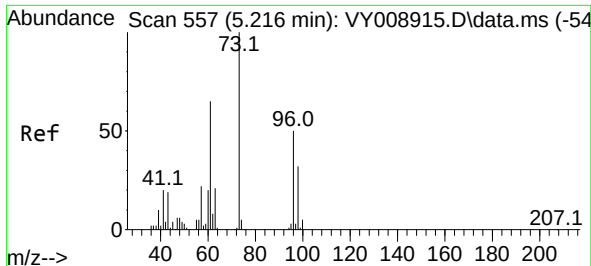
Tgt Ion: 76 Resp: 43972
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.0



#18
Methyl Acetate
Concen: 8.298 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

Tgt Ion: 43 Resp: 8319
Ion Ratio Lower Upper
43 100
74 30.1 16.6 24.8#

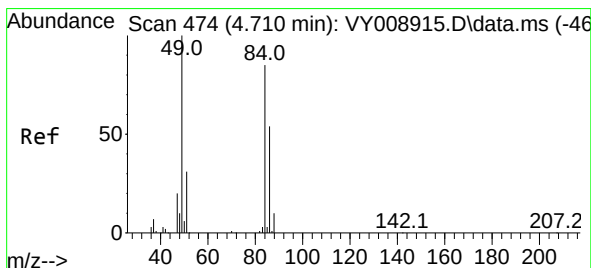
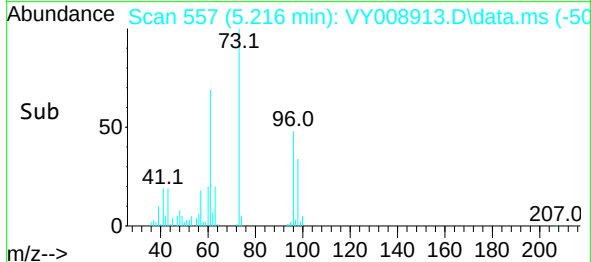
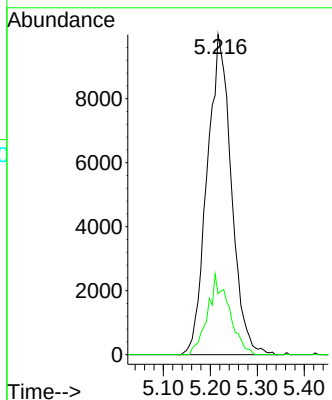
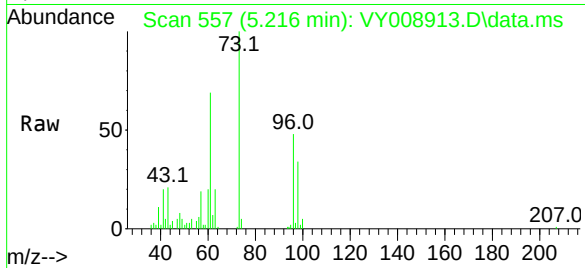




#19
Methyl tert-butyl Ether
Concen: 11.314 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

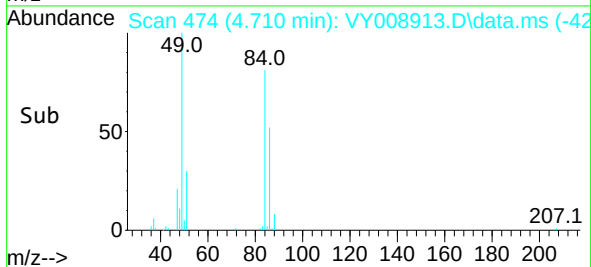
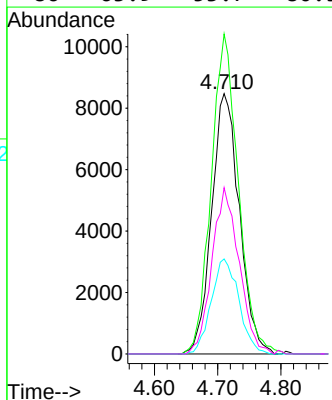
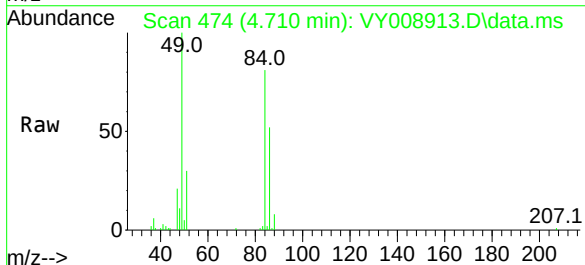
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

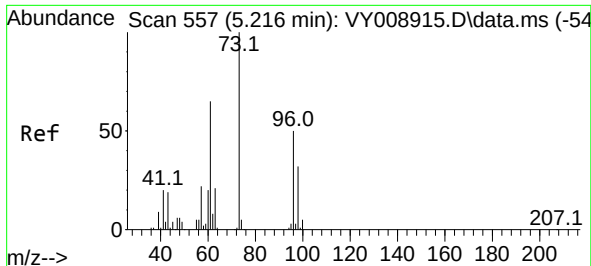
Tgt Ion: 73 Resp: 35840
Ion Ratio Lower Upper
73 100
57 19.0 18.6 27.8



#20
Methylene Chloride
Concen: 15.591 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

Tgt Ion: 84 Resp: 25805
Ion Ratio Lower Upper
84 100
49 122.9 114.4 171.6
51 36.5 35.3 52.9
86 63.9 53.7 80.5

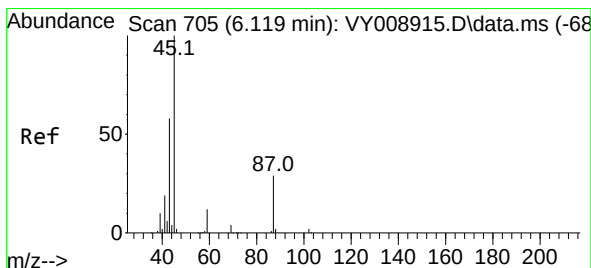
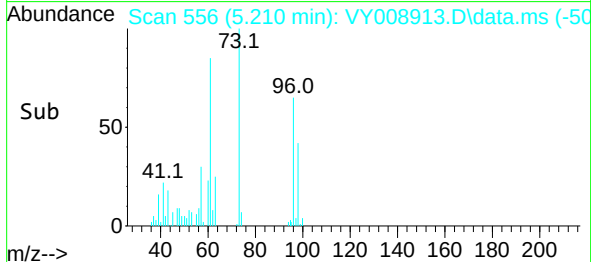
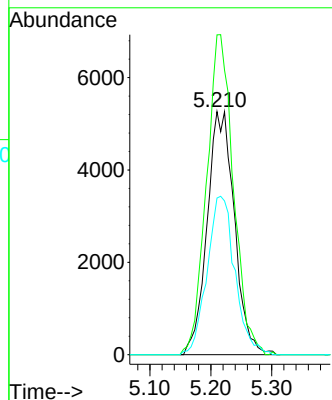
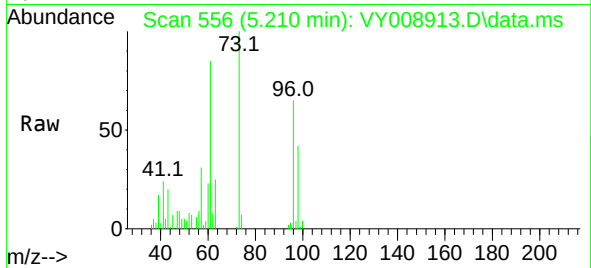




#21
trans-1,2-Dichloroethene
Concen: 11.505 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

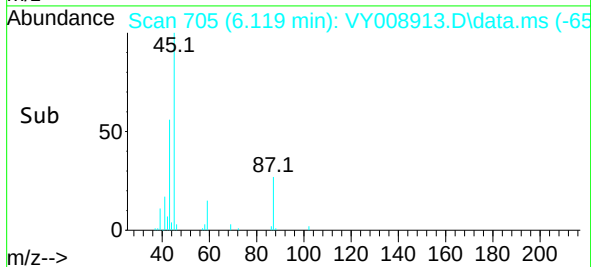
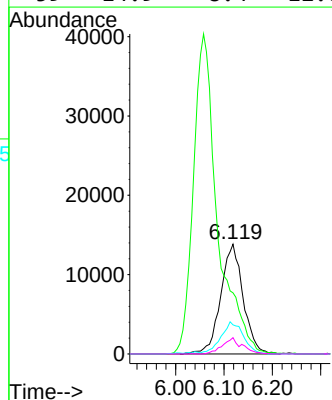
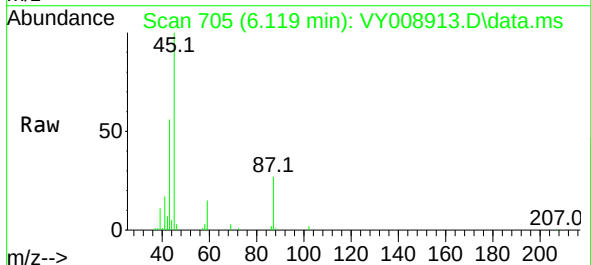
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

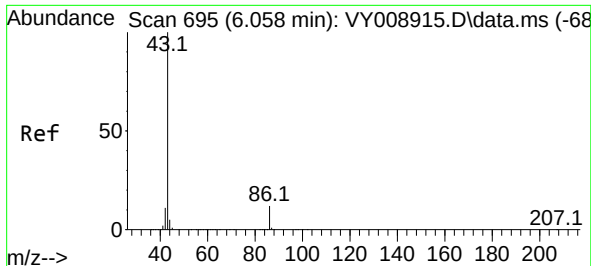
Tgt Ion: 96 Resp: 16407
Ion Ratio Lower Upper
96 100
61 131.6 120.5 180.7
98 64.5 49.8 74.8



#22
Diisopropyl ether
Concen: 12.098 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

Tgt Ion: 45 Resp: 44700
Ion Ratio Lower Upper
45 100
43 54.9 49.3 73.9
87 26.5 19.2 28.8
59 14.9 8.4 12.6#

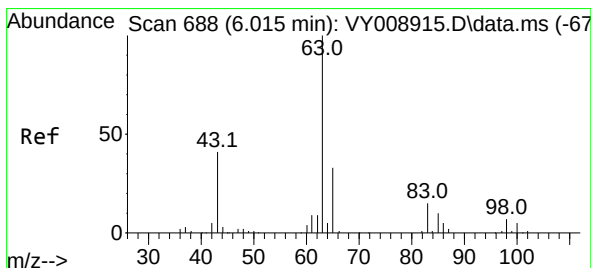
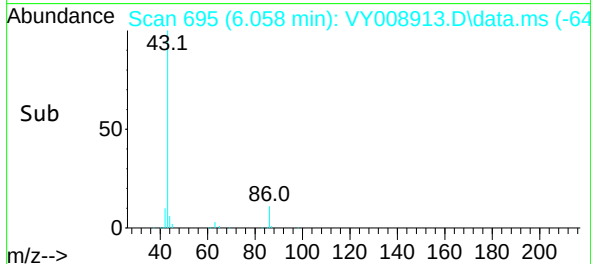
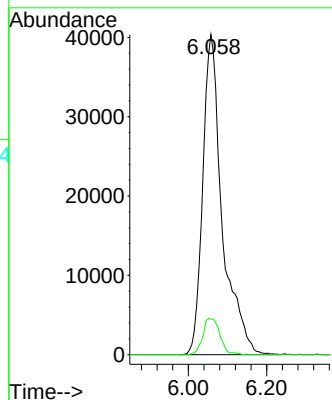
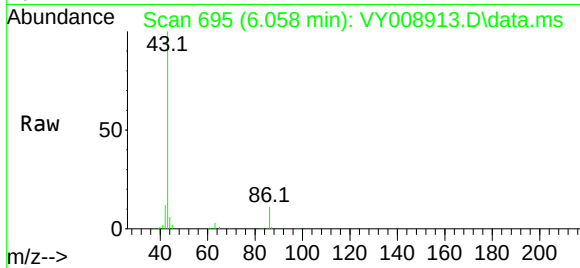




#23
 Vinyl Acetate
 Concen: 54.113 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY008913.D
 Acq: 20 May 2022 19:02

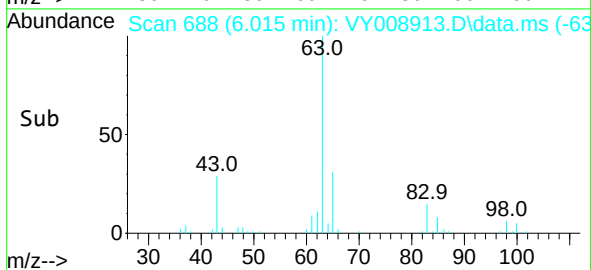
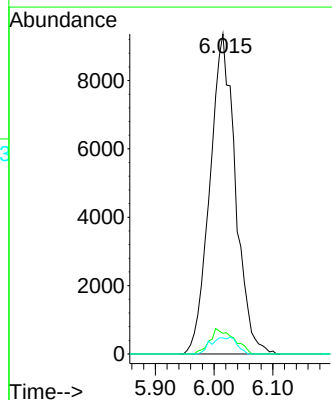
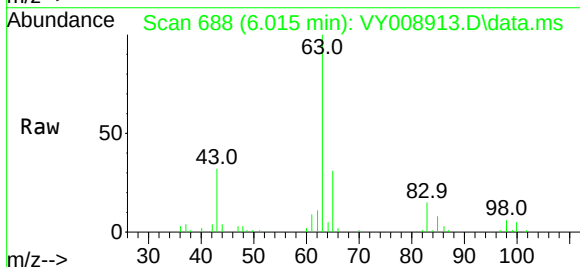
Instrument :
 MSVOA_Y
 ClientSampleId :
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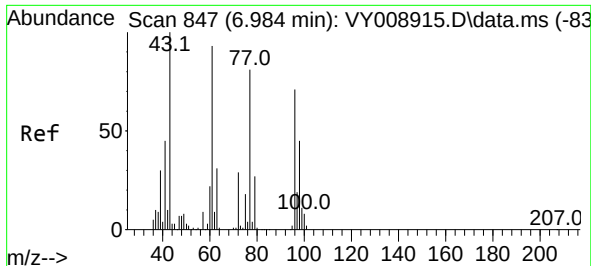
Tgt Ion: 43 Resp: 139309
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 11.770 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY008913.D
 Acq: 20 May 2022 19:02

Tgt Ion: 63 Resp: 28343
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.6 10.8
 100 5.0 2.0 5.8

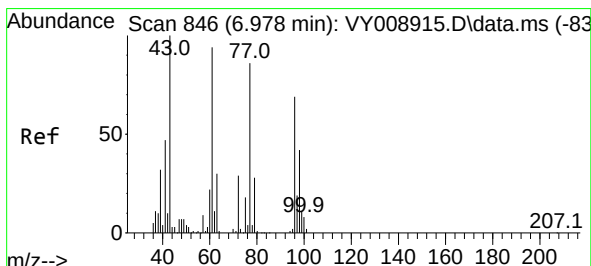
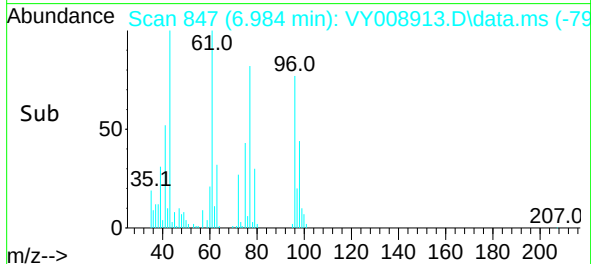
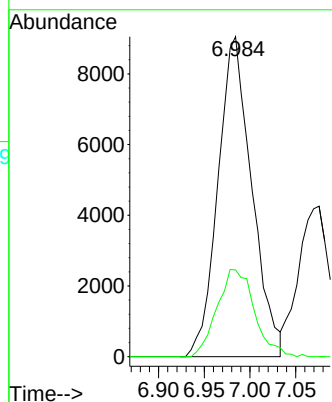
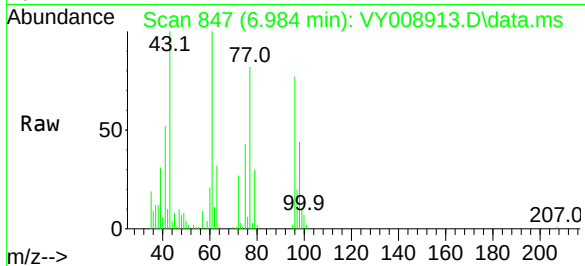




#25
2-Butanone
Concen: 45.043 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

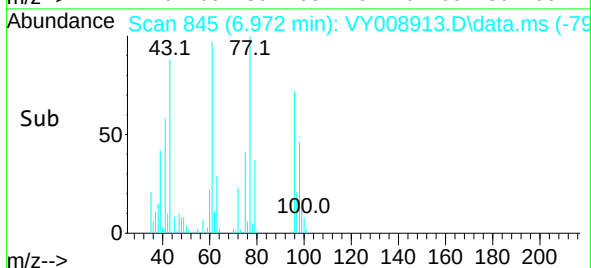
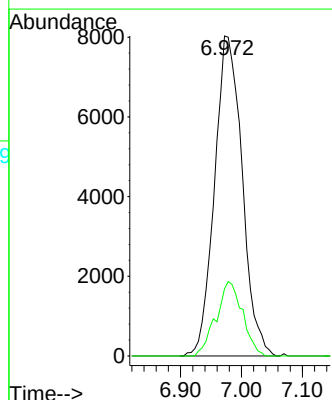
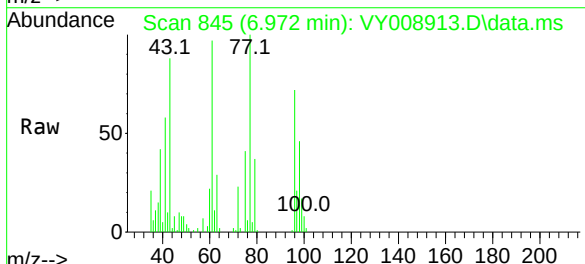
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

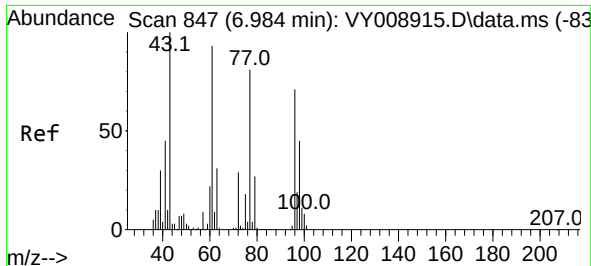
Tgt Ion: 43 Resp: 23296
Ion Ratio Lower Upper
43 100
72 27.1 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 11.118 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

Tgt Ion: 77 Resp: 25244
Ion Ratio Lower Upper
77 100
97 22.3 10.4 31.4



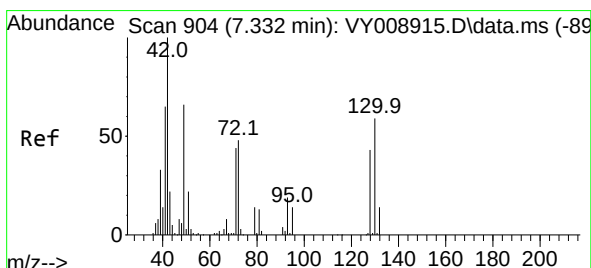
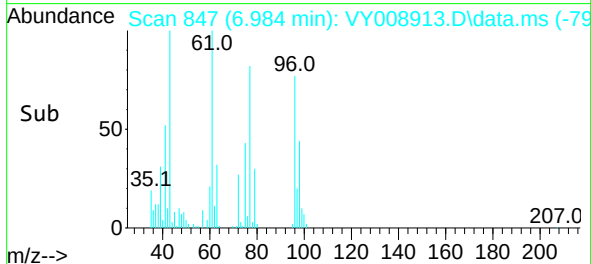
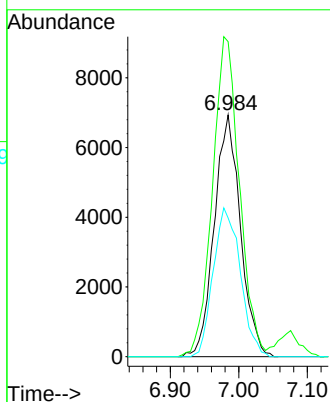
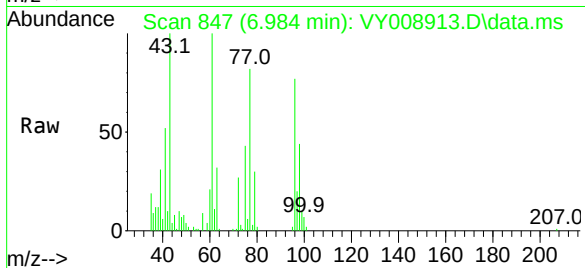


#27
 cis-1,2-Dichloroethene
 Concen: 11.546 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY008913.D
 Acq: 20 May 2022 19:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tgt Ion: 96 Resp: 18382

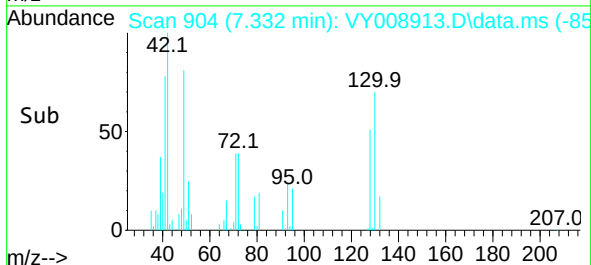
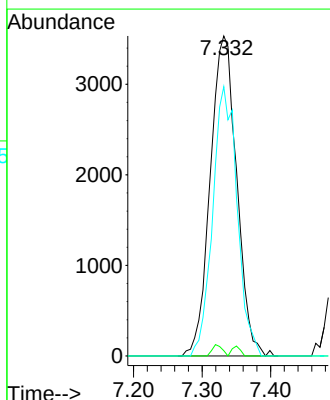
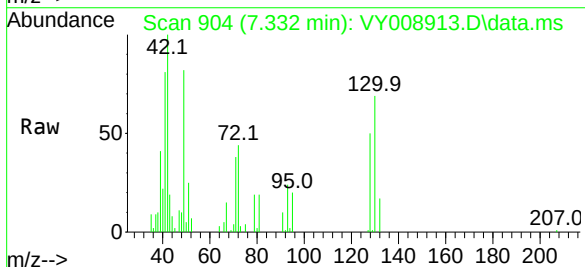
Ion	Ratio	Lower	Upper
96	100		
61	136.0	0.0	319.8
98	63.8	0.0	127.0

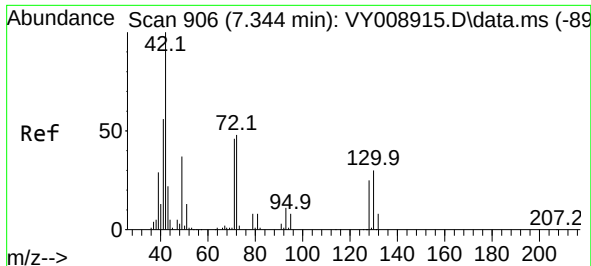


#28
 Bromochloromethane
 Concen: 10.744 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY008913.D
 Acq: 20 May 2022 19:02

Tgt Ion: 49 Resp: 9475

Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	2.2
130	77.7	55.4	83.0





#29

Tetrahydrofuran

Concen: 44.899 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY008913.D

Acq: 20 May 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

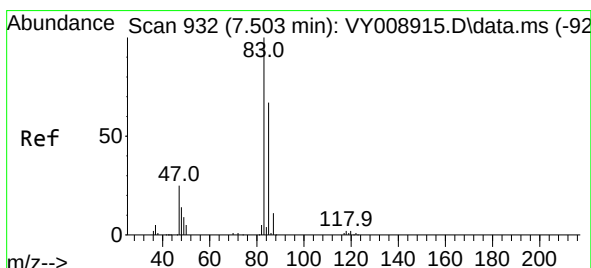
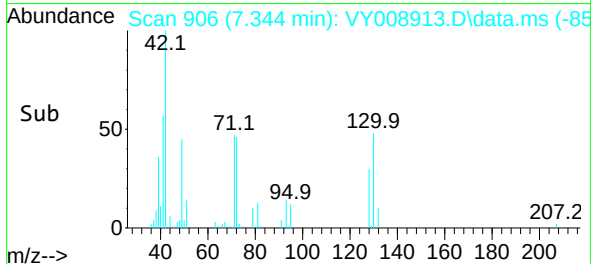
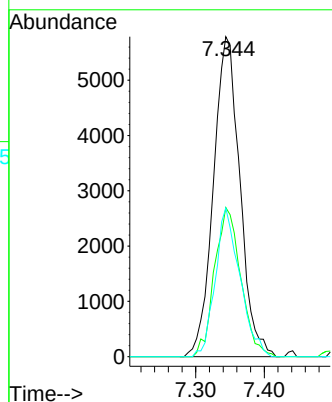
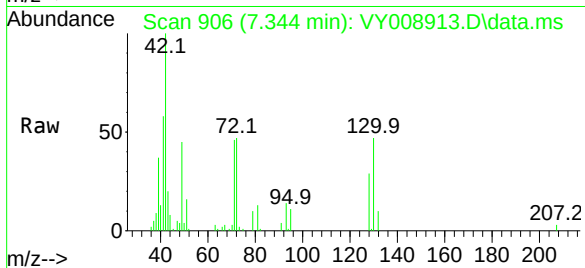
Tgt Ion: 42 Resp: 15525

Ion Ratio Lower Upper

42 100

72 46.1 30.3 45.5#

71 43.2 29.0 43.4



#30

Chloroform

Concen: 11.665 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY008913.D

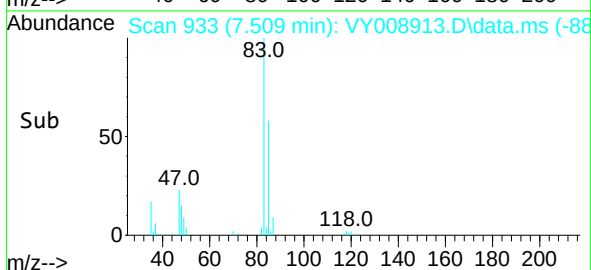
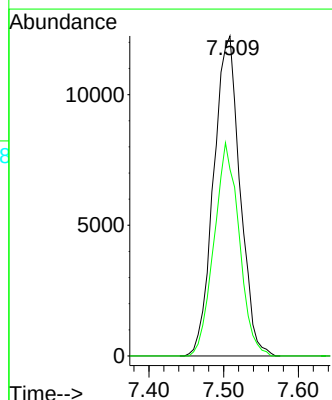
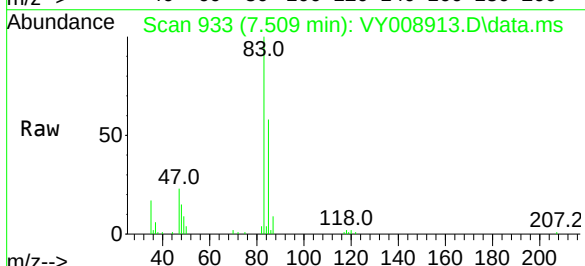
Acq: 20 May 2022 19:02

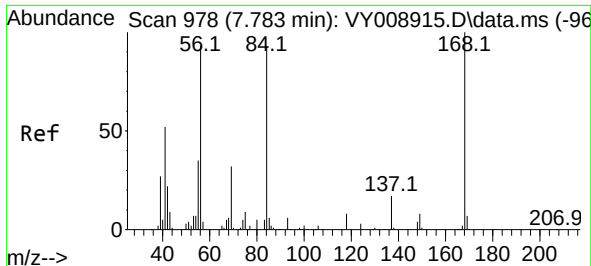
Tgt Ion: 83 Resp: 30053

Ion Ratio Lower Upper

83 100

85 58.4 51.8 77.6

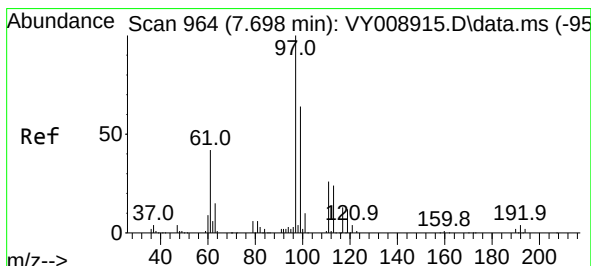
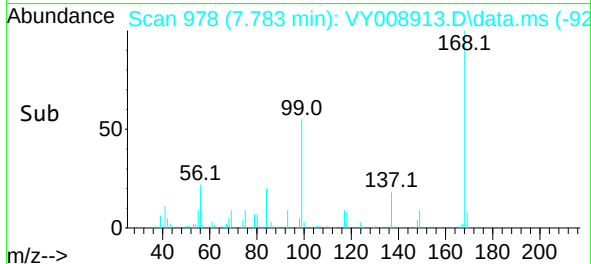
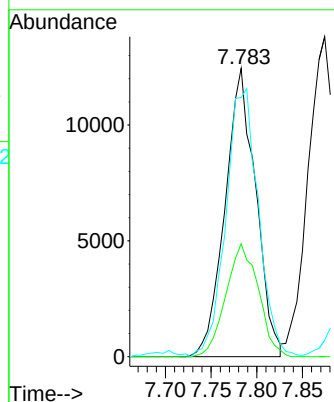
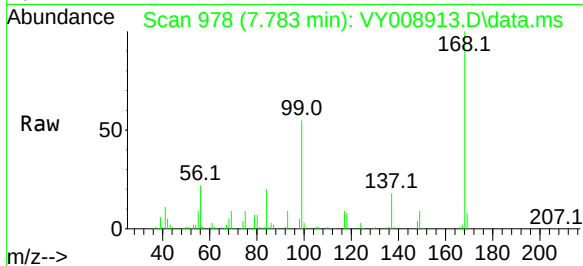




#31
Cyclohexane
Concen: 12.761 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

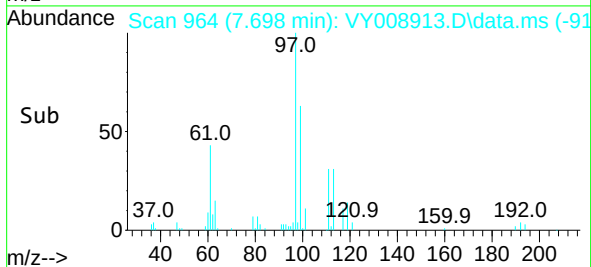
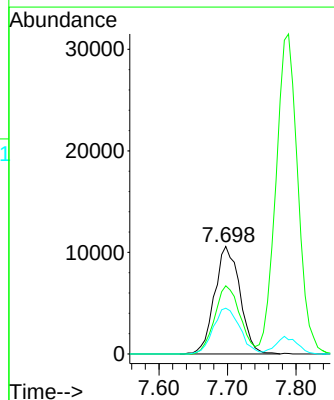
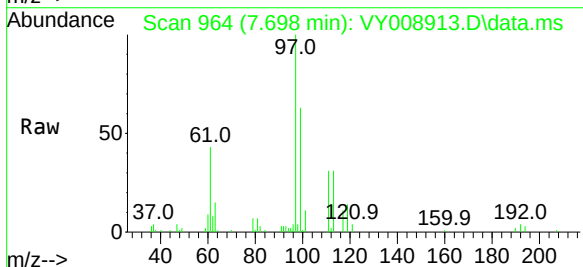
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

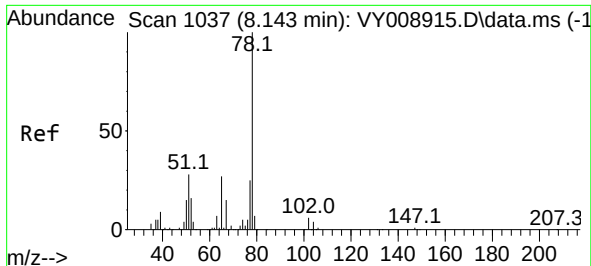
Tgt Ion: 56 Resp: 29070
Ion Ratio Lower Upper
56 100
69 39.2 26.7 40.1
84 89.2 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 11.356 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

Tgt Ion: 97 Resp: 27120
Ion Ratio Lower Upper
97 100
99 63.6 50.7 76.1
61 44.9 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 12.666 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY008913.D

Acq: 20 May 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

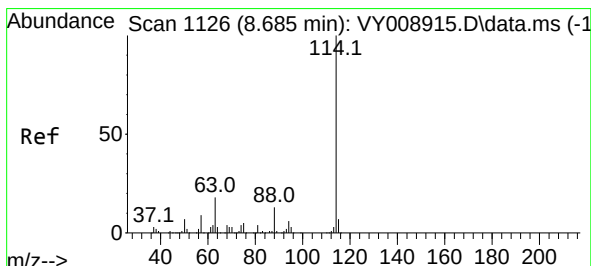
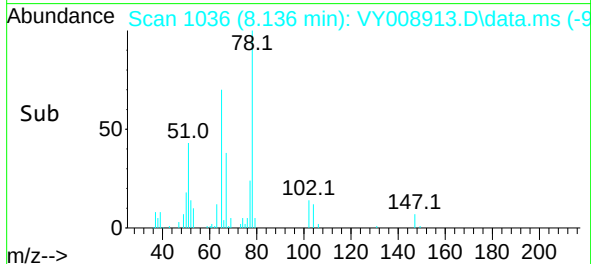
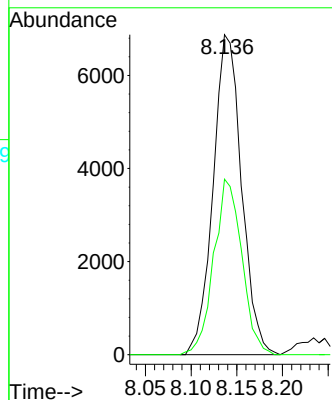
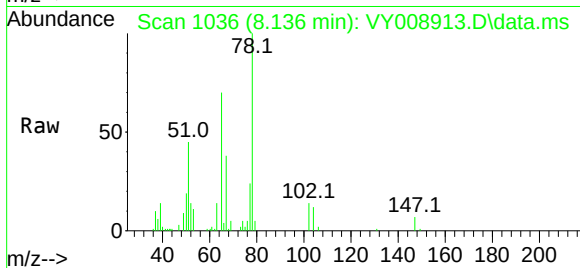
VSTDIC010

Tgt Ion: 65 Resp: 14892

Ion Ratio Lower Upper

65 100

67 54.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008913.D

Acq: 20 May 2022 19:02

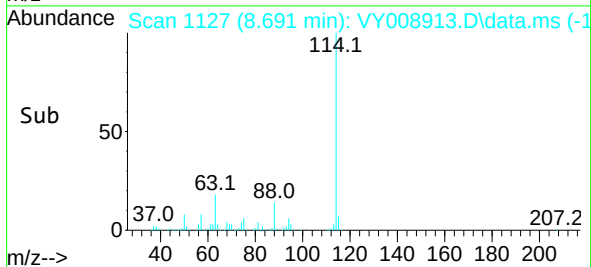
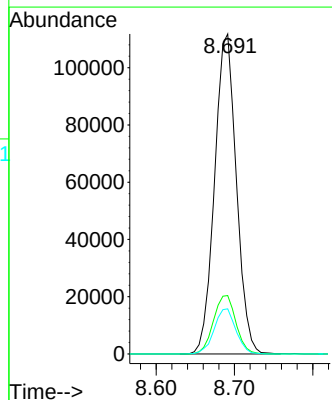
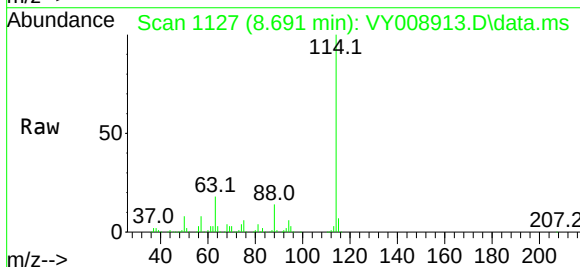
Tgt Ion: 114 Resp: 216199

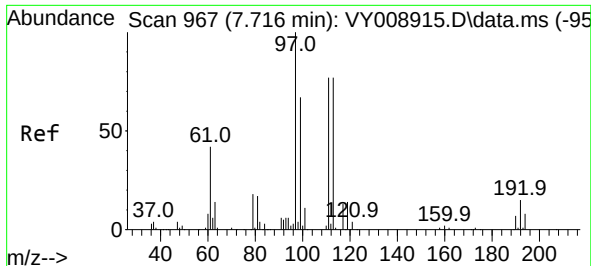
Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 14.1 0.0 31.8

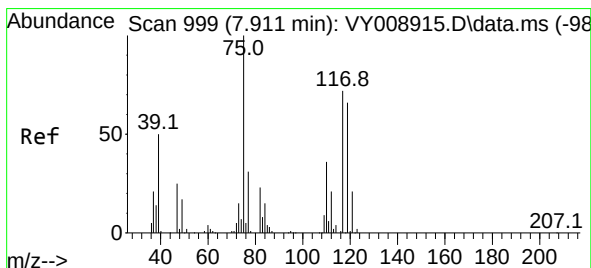
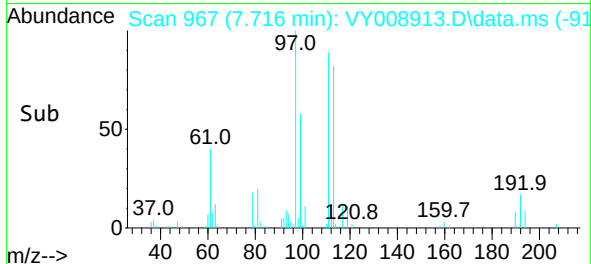
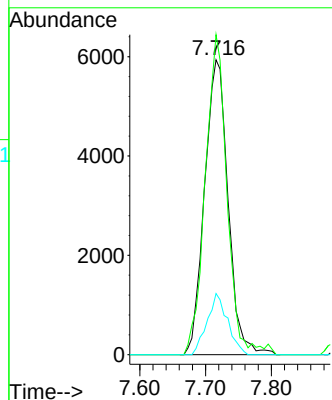
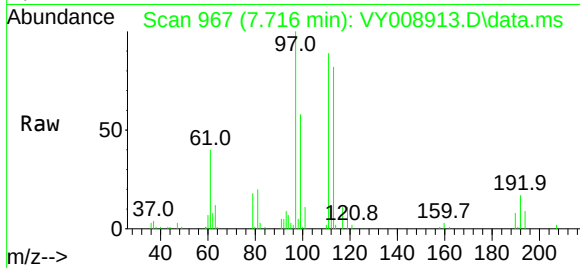




#35
Dibromofluoromethane
Concen: 11.991 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

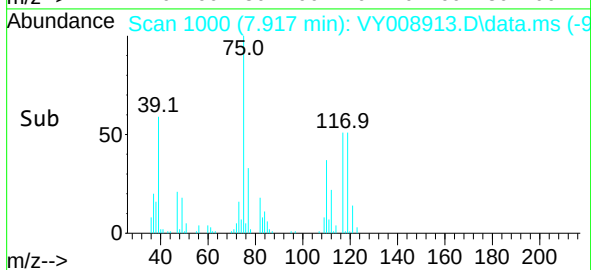
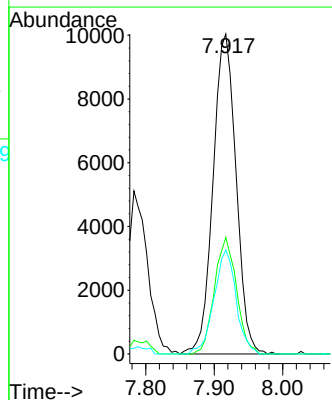
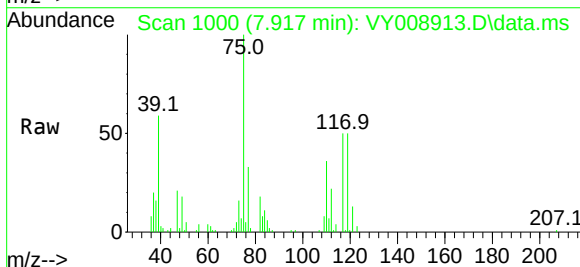
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

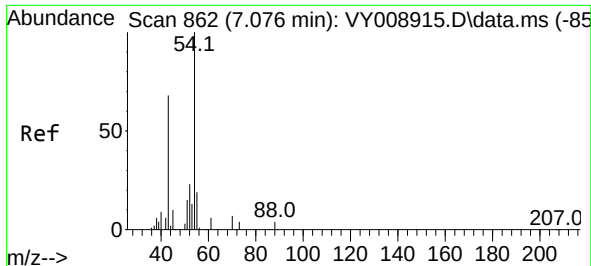
Tgt Ion:113 Resp: 14779
Ion Ratio Lower Upper
113 100
111 100.5 82.6 124.0
192 18.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 11.130 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

Tgt Ion: 75 Resp: 23396
Ion Ratio Lower Upper
75 100
110 34.8 17.1 51.2
77 31.3 24.4 36.6





#37

Ethyl Acetate

Concen: 9.033 ug/l

RT: 7.076 min Scan# 862

Delta R.T. -0.000 min

Lab File: VY008913.D

Acq: 20 May 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

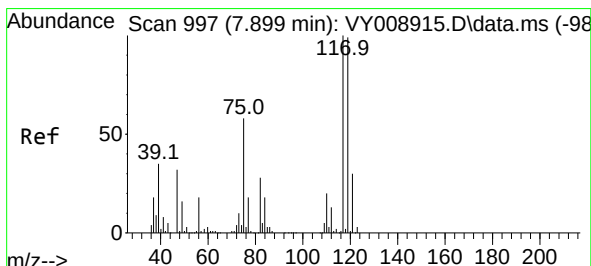
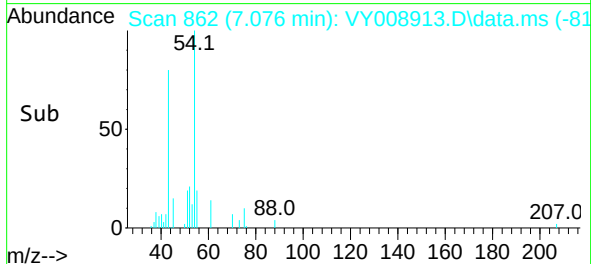
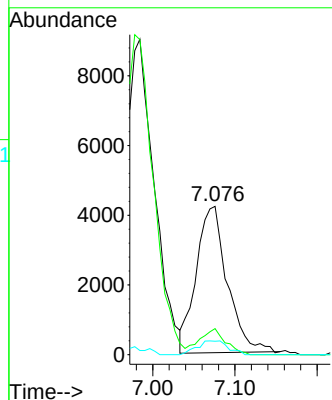
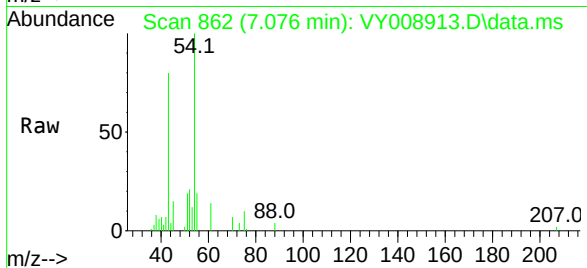
Tgt Ion: 43 Resp: 11036

Ion Ratio Lower Upper

43 100

61 14.9 9.7 14.5#

70 9.4 7.1 10.7



#38

Carbon Tetrachloride

Concen: 11.025 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY008913.D

Acq: 20 May 2022 19:02

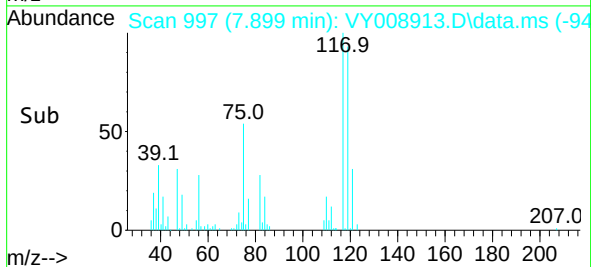
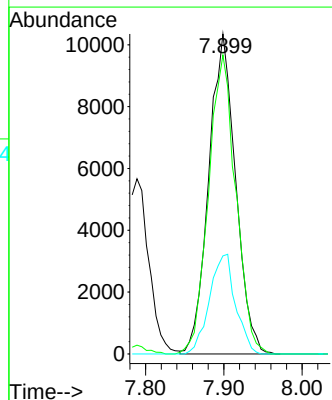
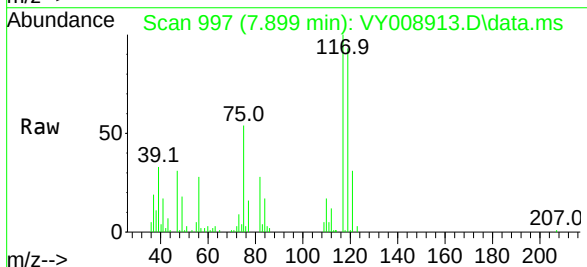
Tgt Ion: 117 Resp: 24731

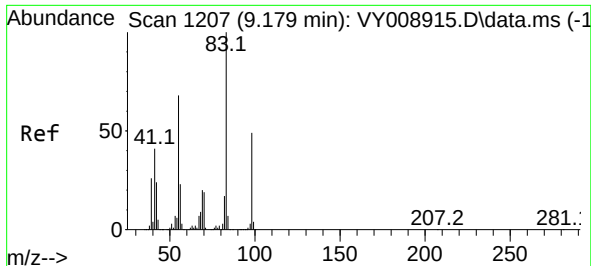
Ion Ratio Lower Upper

117 100

119 93.4 77.9 116.9

121 30.6 24.8 37.2





#39

Methylcyclohexane

Concen: 11.445 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY008913.D

Acq: 20 May 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

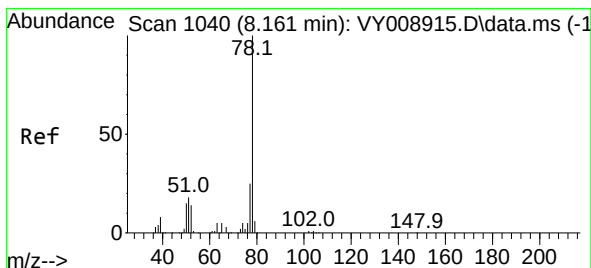
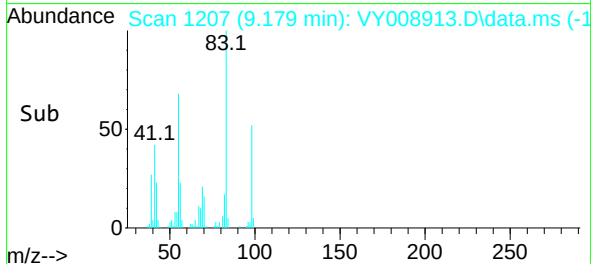
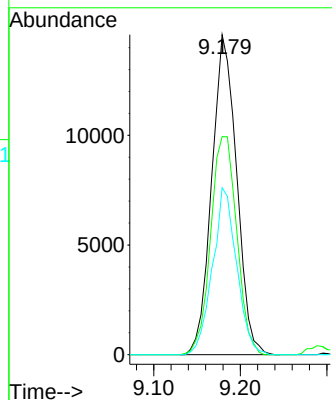
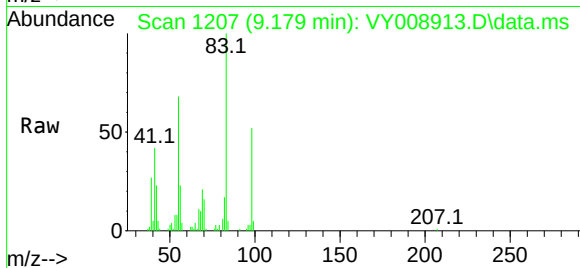
Tgt Ion: 83 Resp: 29123

Ion Ratio Lower Upper

83 100

55 68.1 66.5 99.7

98 52.2 37.9 56.9



#40

Benzene

Concen: 11.232 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY008913.D

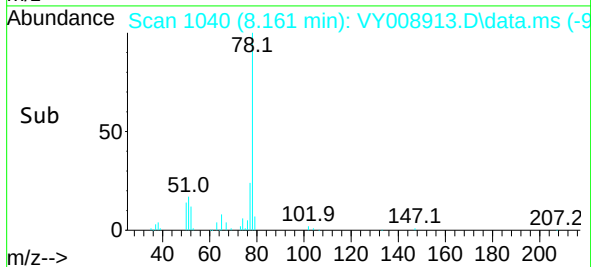
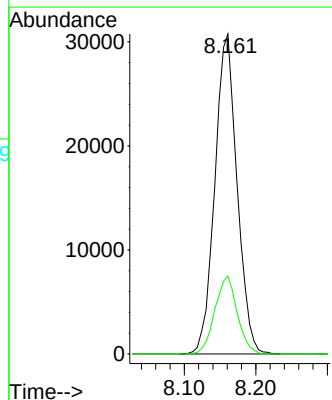
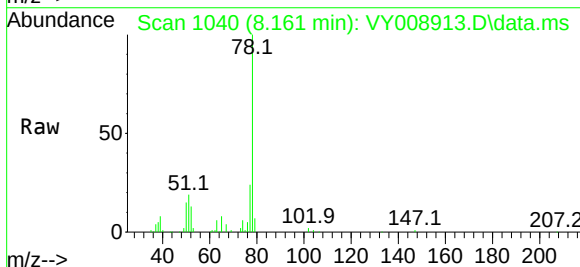
Acq: 20 May 2022 19:02

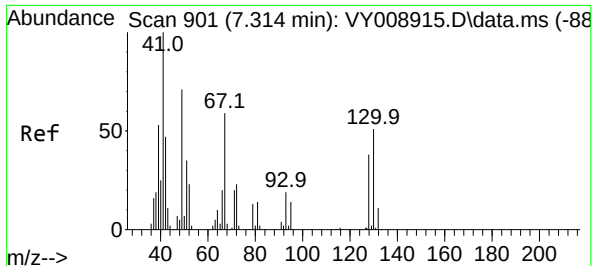
Tgt Ion: 78 Resp: 66279

Ion Ratio Lower Upper

78 100

77 24.3 20.4 30.6

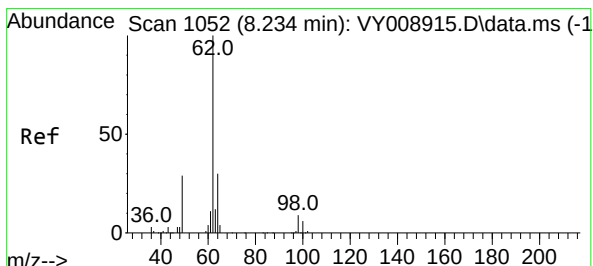
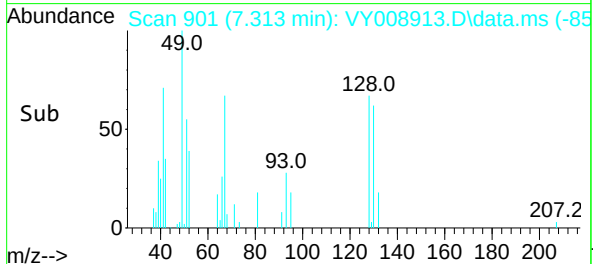
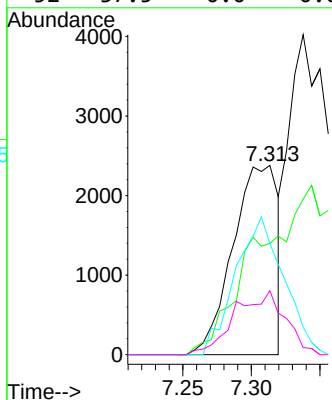
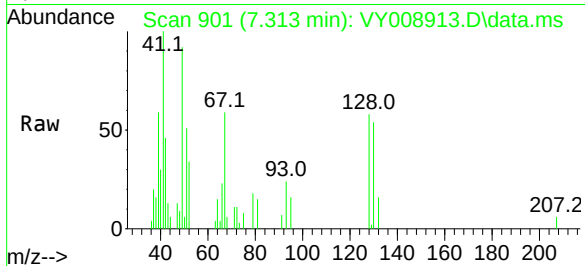




#41
Methacrylonitrile
Concen: 8.476 ug/l
RT: 7.313 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

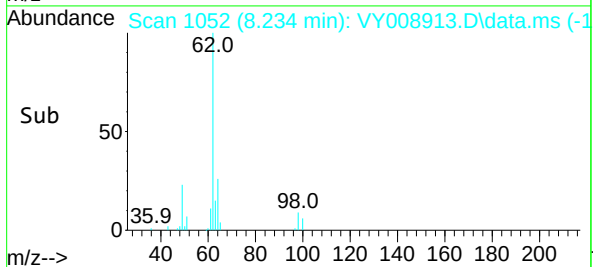
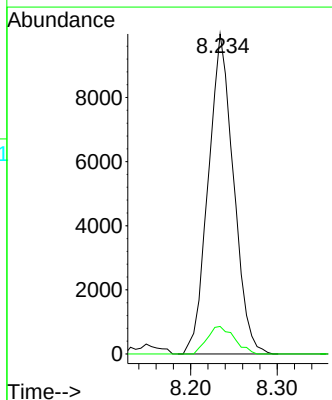
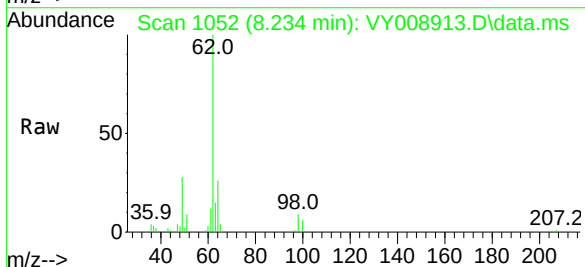
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

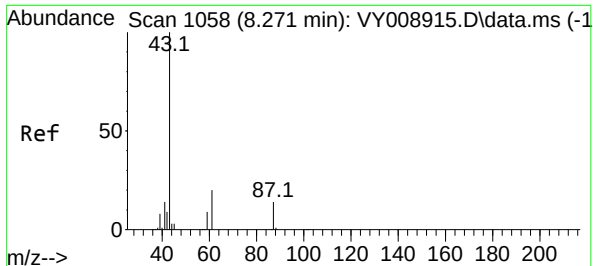
Tgt Ion: 41 Resp: 5455
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 78.0 0.0 0.0#
52 37.5 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 11.672 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

Tgt Ion: 62 Resp: 20224
Ion Ratio Lower Upper
62 100
98 9.2 0.0 14.8

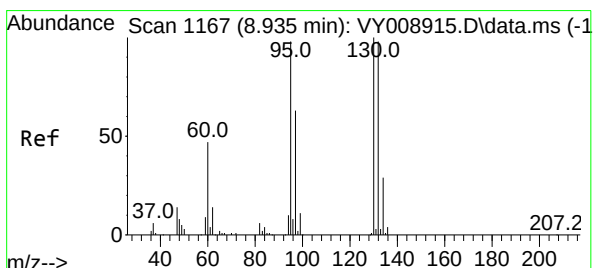
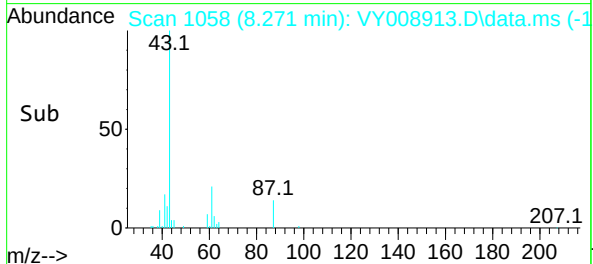
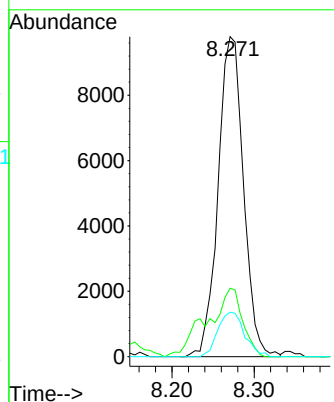
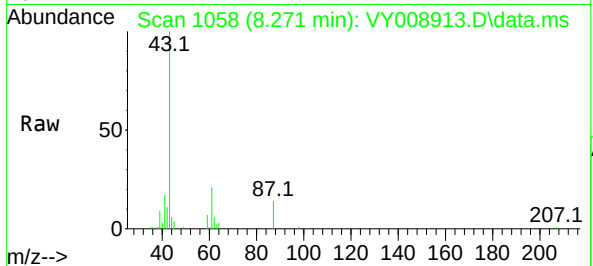




#43
Isopropyl Acetate
Concen: 10.163 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

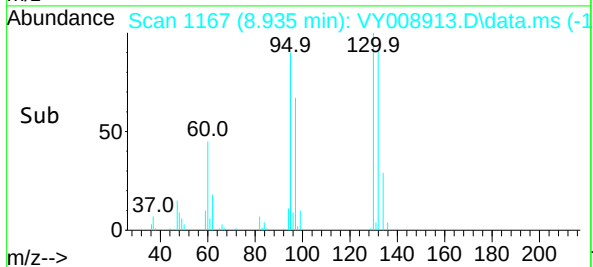
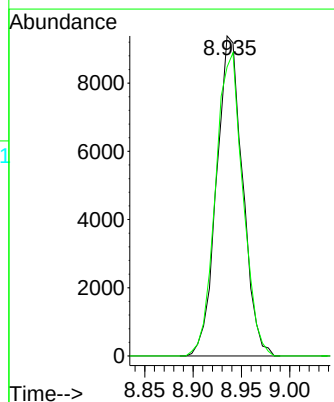
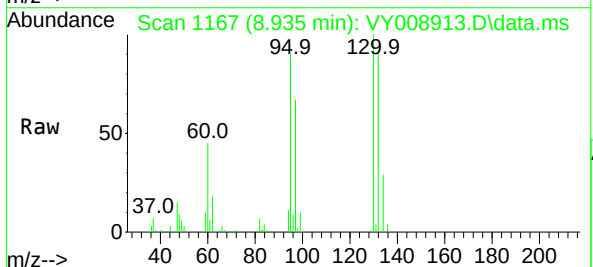
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

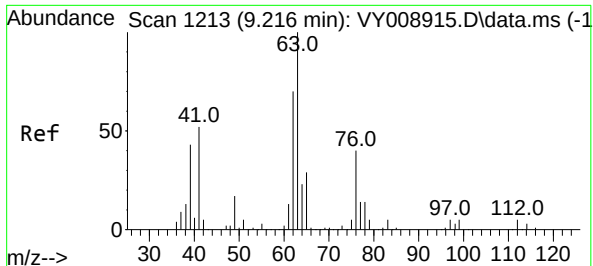
Tgt Ion: 43 Resp: 21031
Ion Ratio Lower Upper
43 100
61 18.0 20.2 30.2#
87 14.6 8.9 13.3#



#44
Trichloroethene
Concen: 11.003 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

Tgt Ion:130 Resp: 17562
Ion Ratio Lower Upper
130 100
95 90.3 0.0 188.2





#45

1,2-Dichloropropane

Concen: 11.555 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY008913.D

Acq: 20 May 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

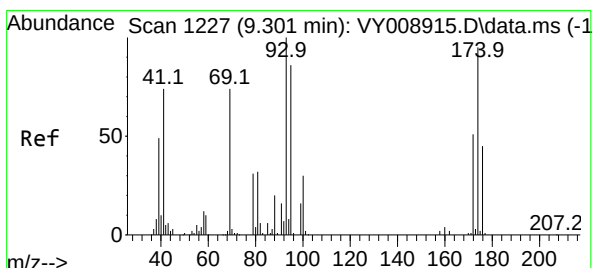
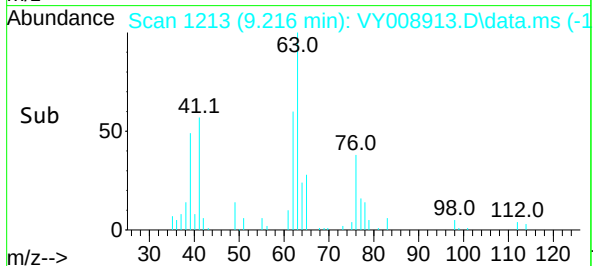
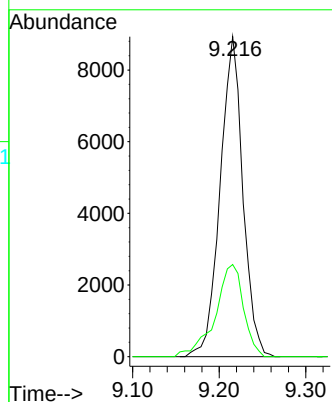
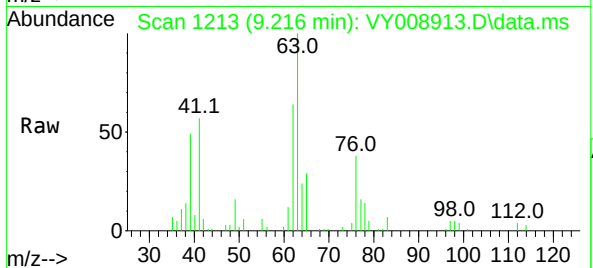
VSTDIC010

Tgt Ion: 63 Resp: 16261

Ion Ratio Lower Upper

63 100

65 28.8 23.0 34.6



#46

Dibromomethane

Concen: 10.170 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY008913.D

Acq: 20 May 2022 19:02

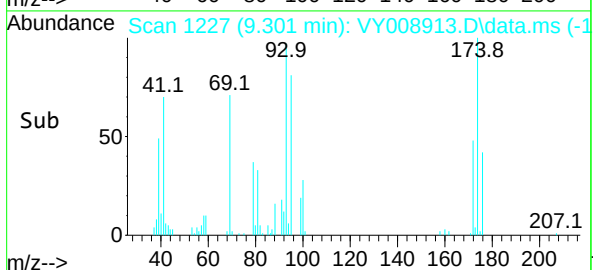
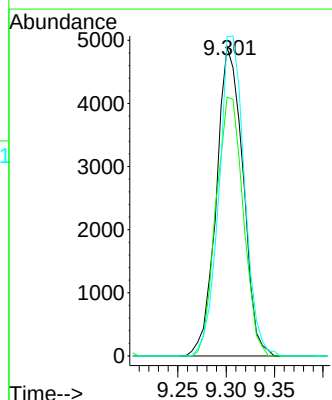
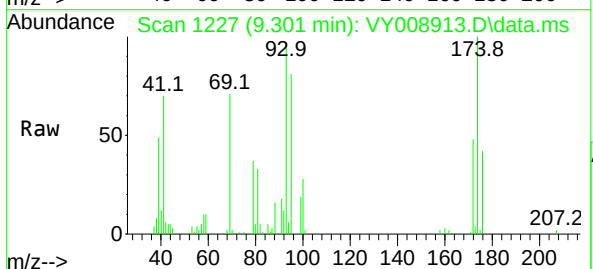
Tgt Ion: 93 Resp: 9368

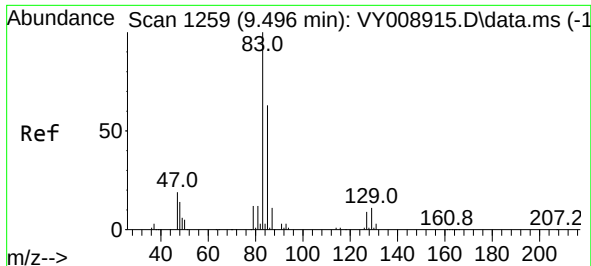
Ion Ratio Lower Upper

93 100

95 85.2 64.3 96.5

174 99.1 83.4 125.0

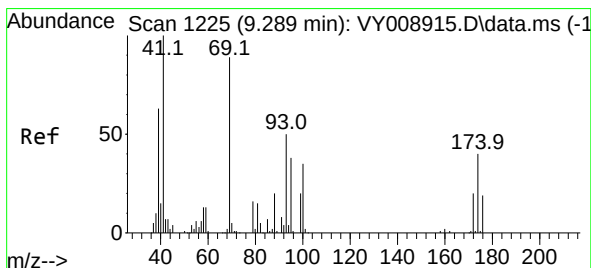
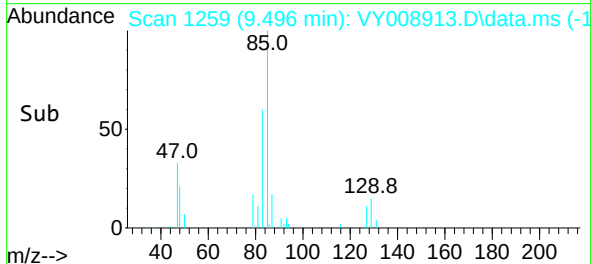
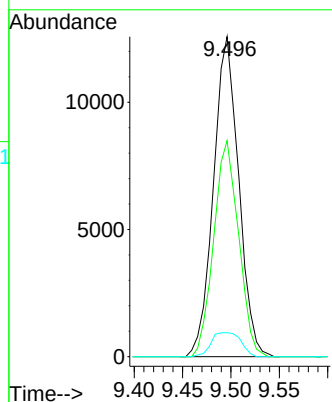
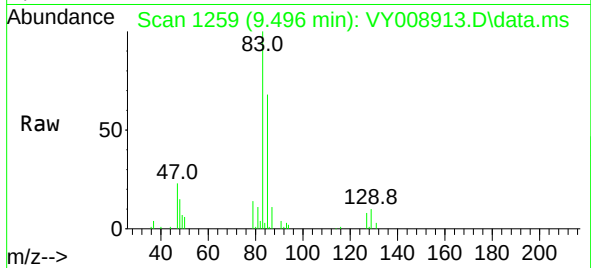




#47
Bromodichloromethane
Concen: 11.150 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

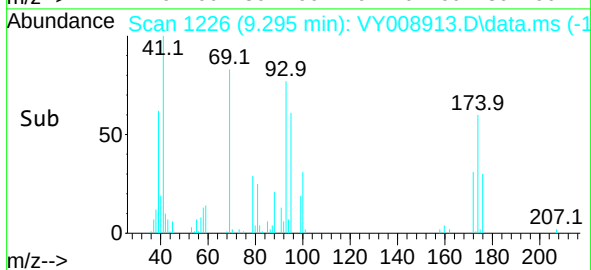
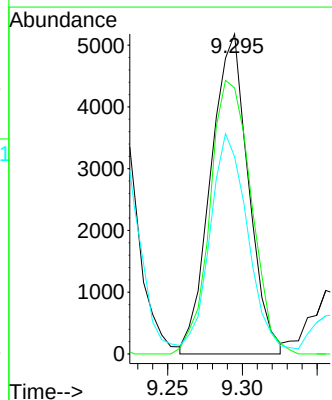
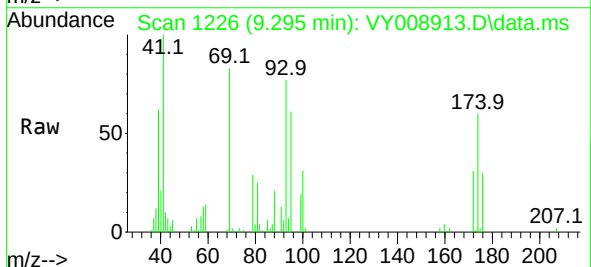
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

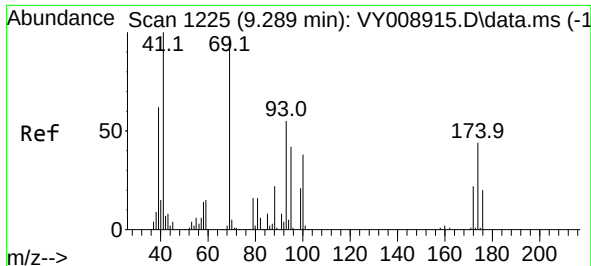
Tgt Ion:	83	Resp:	22796
Ion	Ratio	Lower	Upper
83	100		
85	67.5	51.9	77.9
127	7.5	6.6	10.0



#48
Methyl methacrylate
Concen: 9.897 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

Tgt Ion:	41	Resp:	9067
Ion	Ratio	Lower	Upper
41	100		
69	93.6	58.2	87.2
39	69.9	47.4	71.0





#49

1,4-Dioxane

Concen: 177.963 ug/l

RT: 9.295 min Scan# 1225

Delta R.T. 0.006 min

Lab File: VY008913.D

Acq: 20 May 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

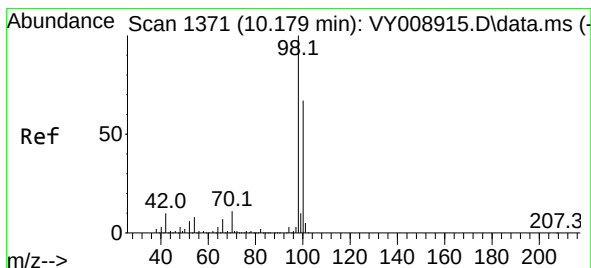
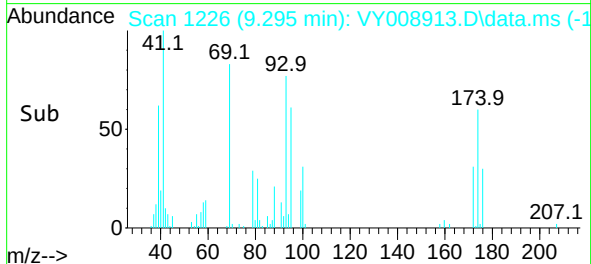
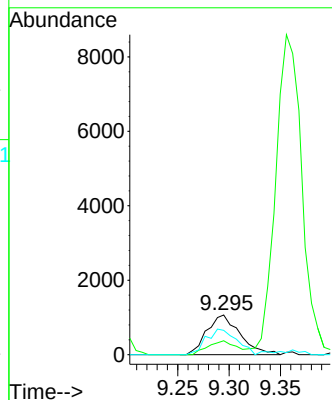
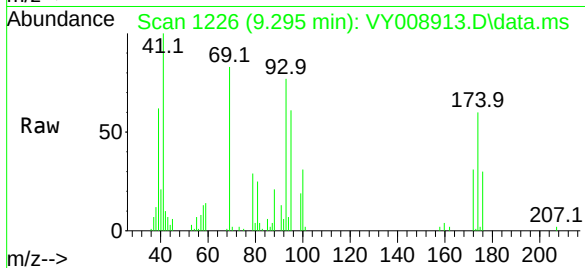
Tgt Ion: 88 Resp: 2386

Ion Ratio Lower Upper

88 100

43 29.1 32.8 49.2#

58 61.5 59.8 89.6



#50

Toluene-d8

Concen: 11.796 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY008913.D

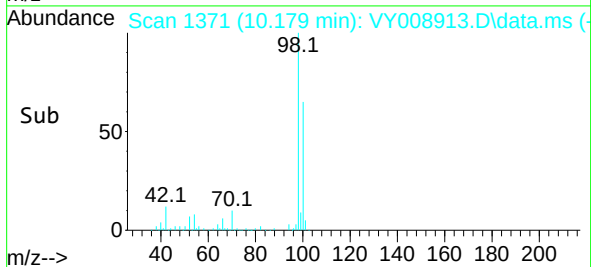
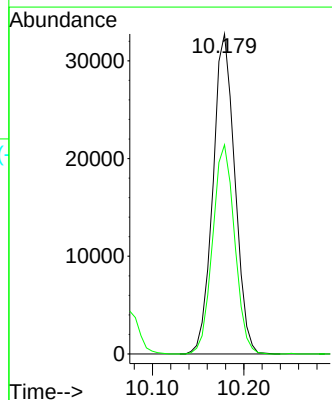
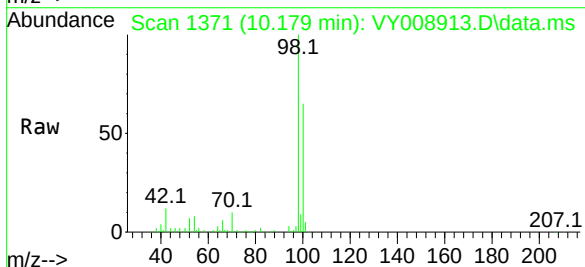
Acq: 20 May 2022 19:02

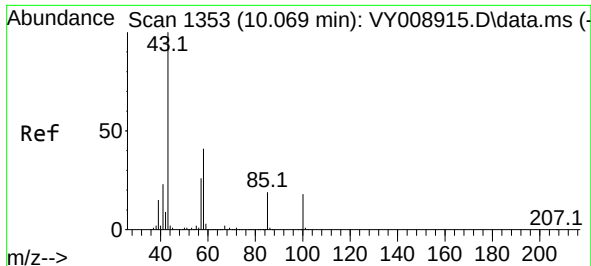
Tgt Ion: 98 Resp: 54482

Ion Ratio Lower Upper

98 100

100 65.6 50.2 75.2

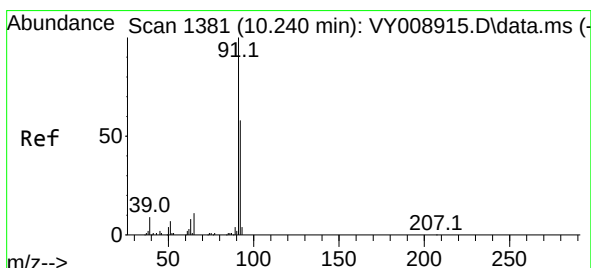
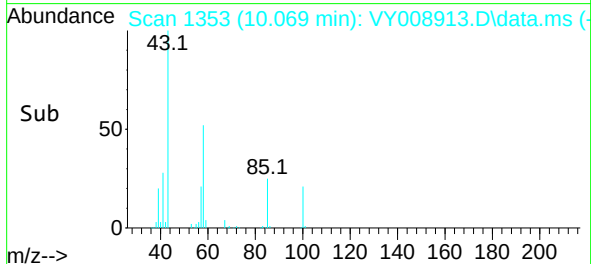
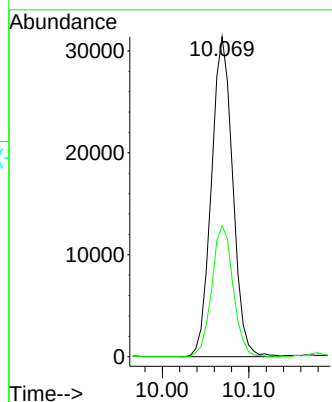
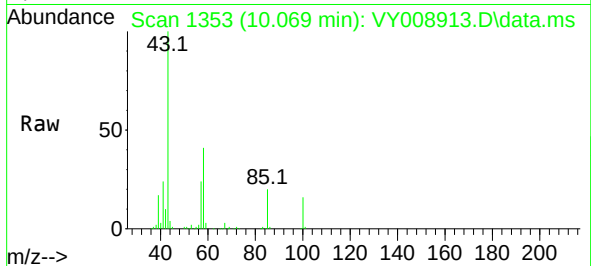




#51
4-Methyl-2-Pentanone
Concen: 44.393 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

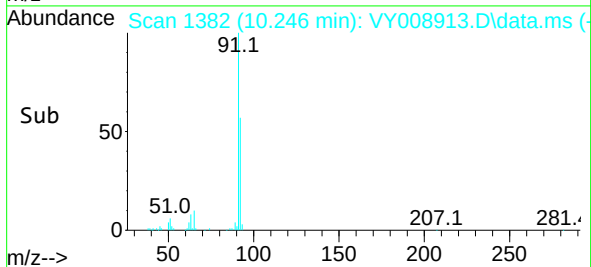
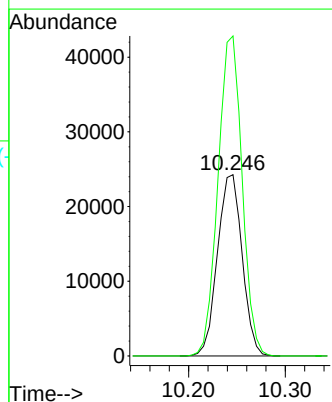
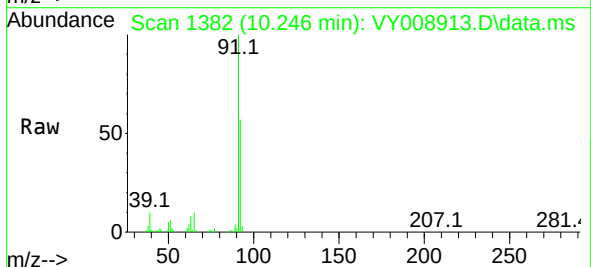
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

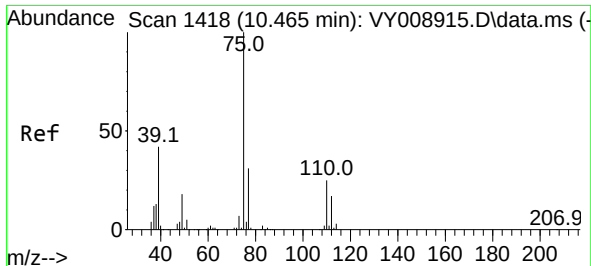
Tgt Ion: 43 Resp: 53684
Ion Ratio Lower Upper
43 100
58 40.8 28.1 42.1



#52
Toluene
Concen: 10.635 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

Tgt Ion: 92 Resp: 42946
Ion Ratio Lower Upper
92 100
91 172.8 142.6 213.8

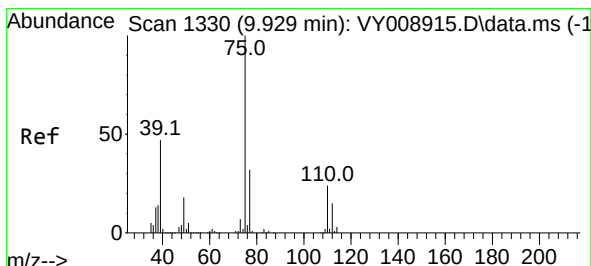
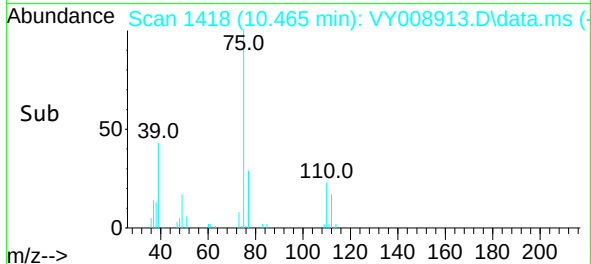
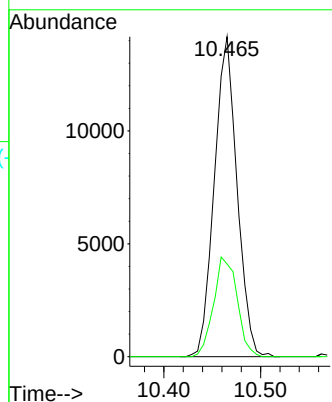
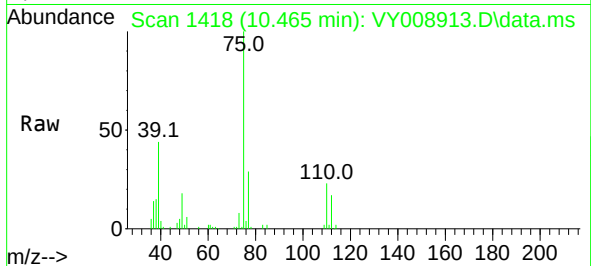




#53
t-1,3-Dichloropropene
Concen: 10.796 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

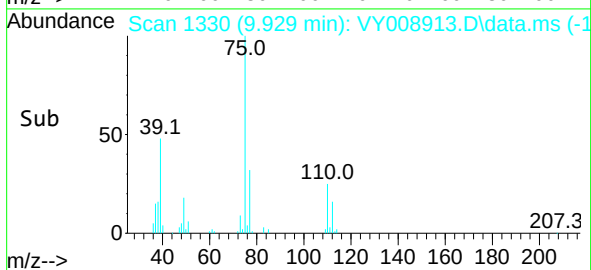
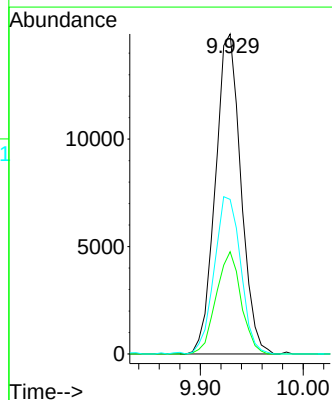
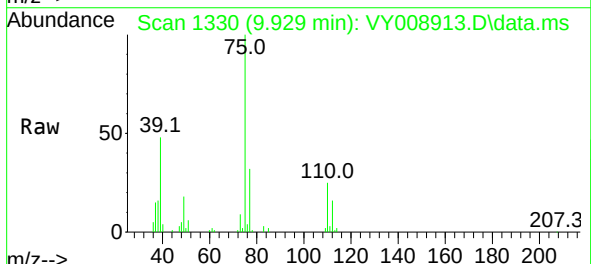
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

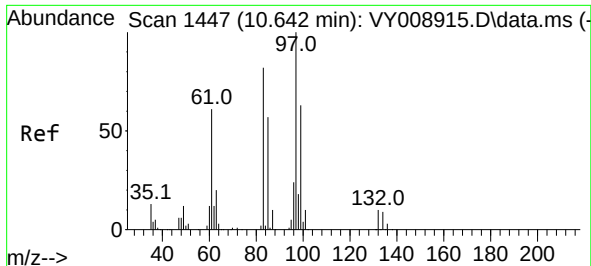
Tgt Ion: 75 Resp: 23067
Ion Ratio Lower Upper
75 100
77 29.0 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 11.143 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

Tgt Ion: 75 Resp: 25632
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4
39 48.3 47.6 71.4

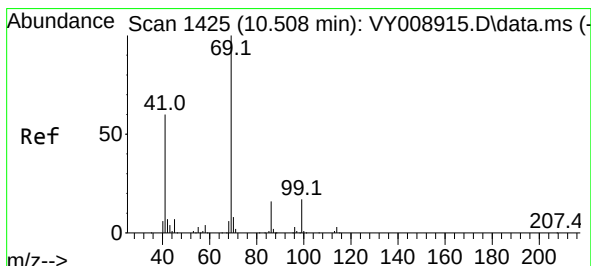
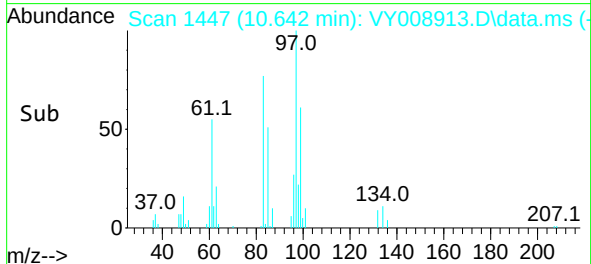
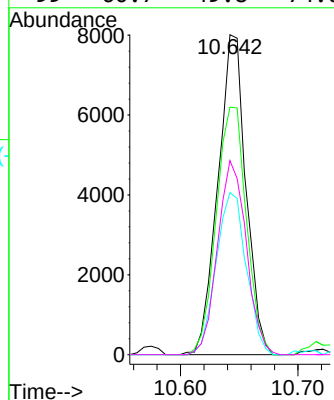
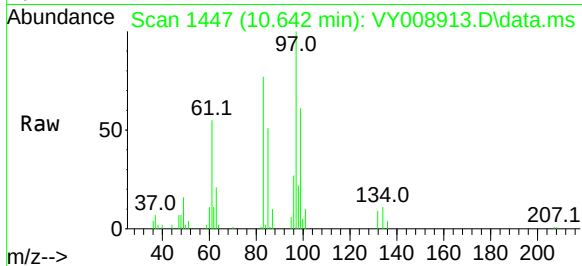




#55
1,1,2-Trichloroethane
Concen: 10.612 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

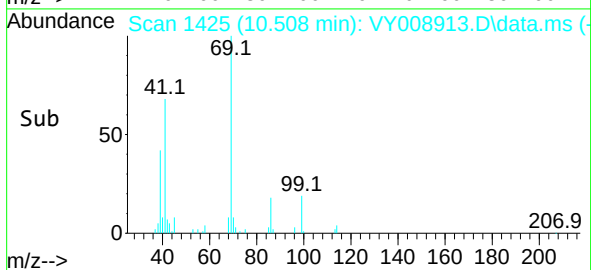
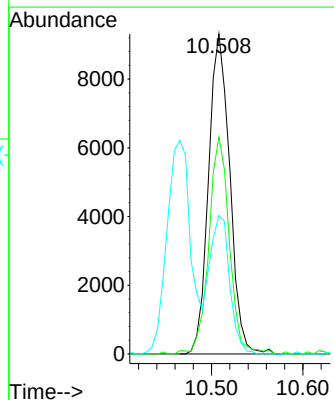
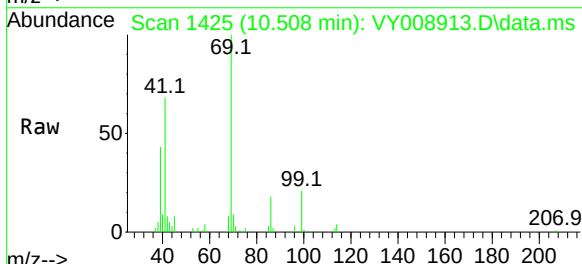
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

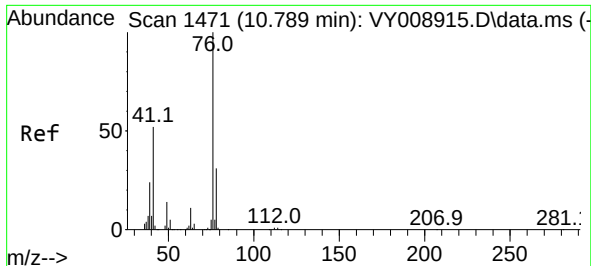
Tgt Ion: 97	Resp: 13292
Ion Ratio	Lower Upper
97 100	
83 77.3	69.8 104.8
85 50.6	44.3 66.5
99 60.7	49.8 74.6



#56
Ethyl methacrylate
Concen: 9.757 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

Tgt Ion: 69	Resp: 15034
Ion Ratio	Lower Upper
69 100	
41 65.4	63.4 95.0
39 40.8	35.8 53.8





#57

1,3-Dichloropropane

Concen: 10.654 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY008913.D

Acq: 20 May 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

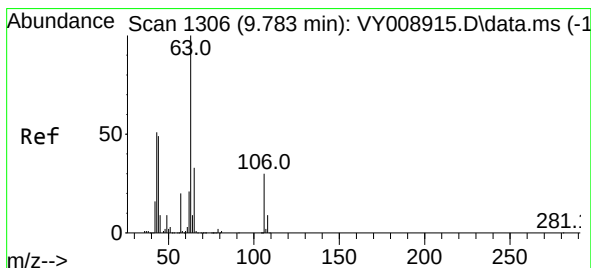
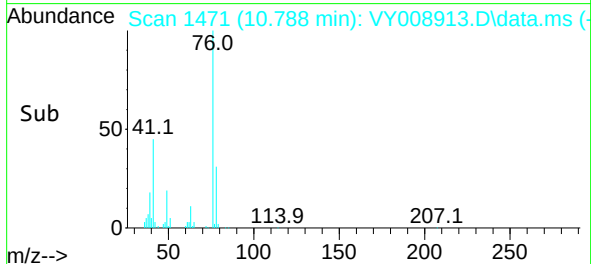
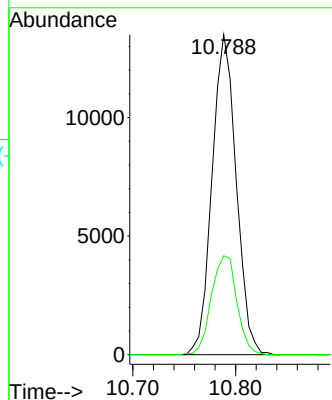
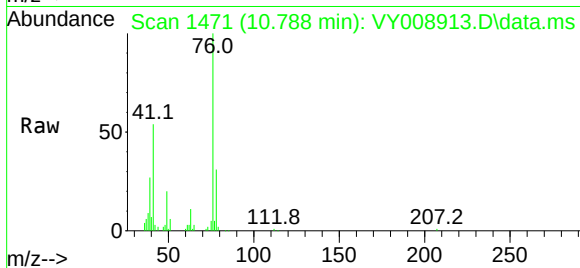
VSTDIC010

Tgt Ion: 76 Resp: 21981

Ion Ratio Lower Upper

76 100

78 32.7 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 45.313 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY008913.D

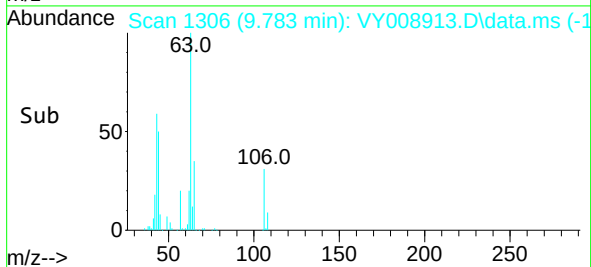
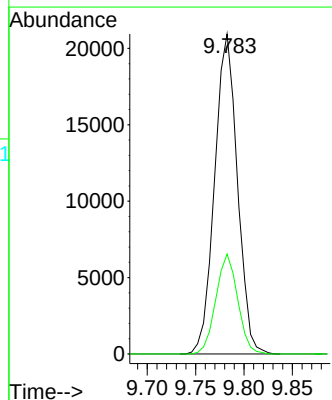
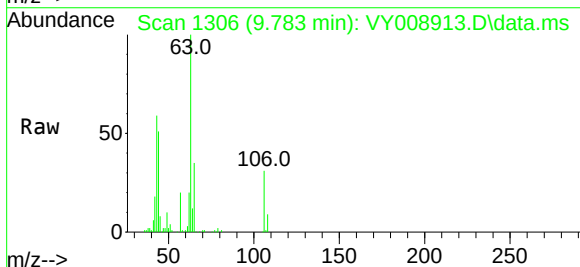
Acq: 20 May 2022 19:02

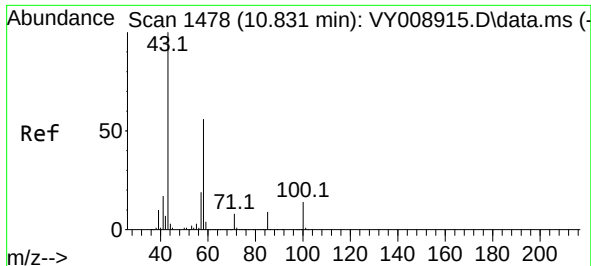
Tgt Ion: 63 Resp: 34247

Ion Ratio Lower Upper

63 100

106 29.8 21.5 32.3

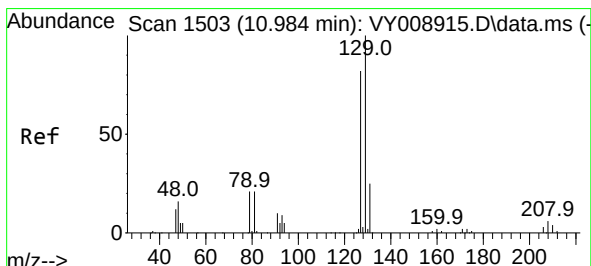
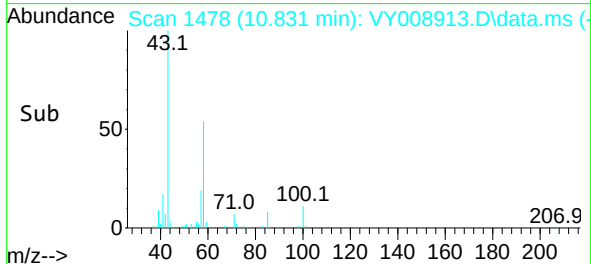
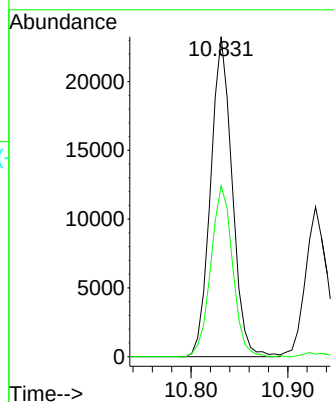
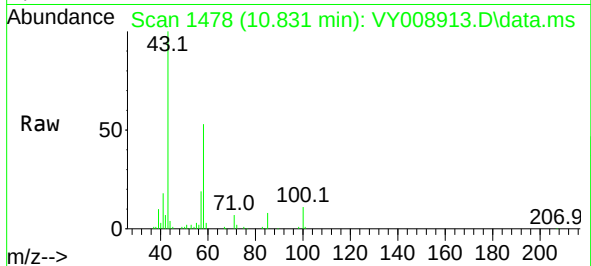




#59
2-Hexanone
Concen: 42.049 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

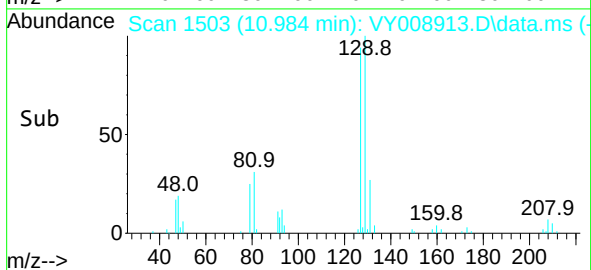
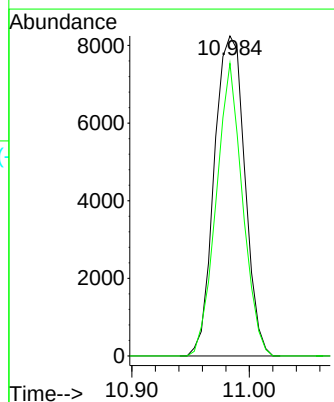
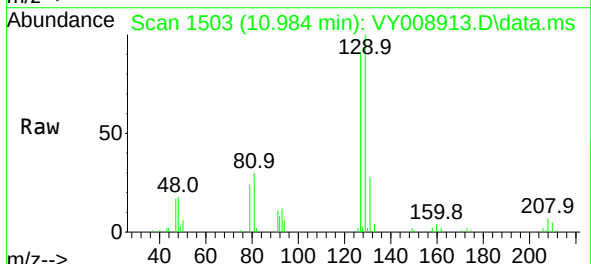
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

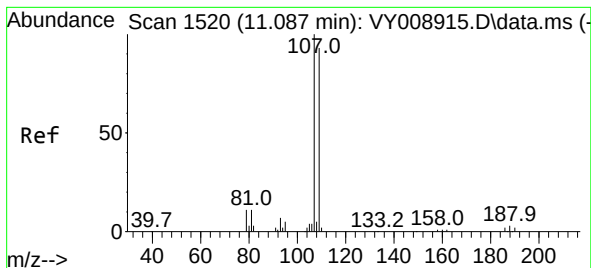
Tgt Ion: 43 Resp: 35996
Ion Ratio Lower Upper
43 100
58 53.7 24.4 73.4



#60
Dibromochloromethane
Concen: 9.828 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

Tgt Ion: 129 Resp: 14874
Ion Ratio Lower Upper
129 100
127 79.0 38.7 116.1

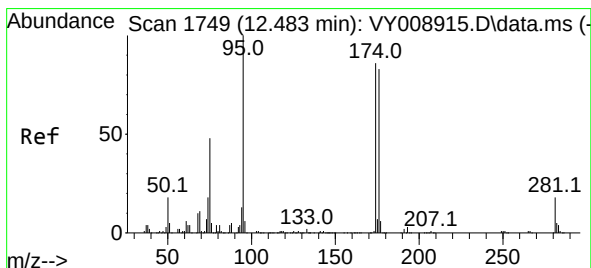
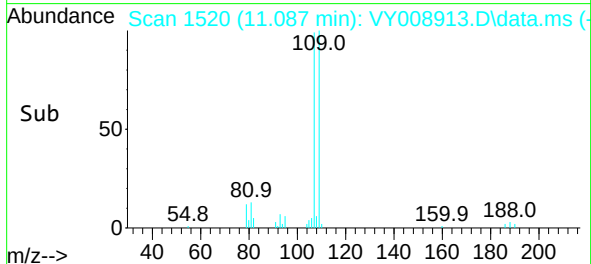
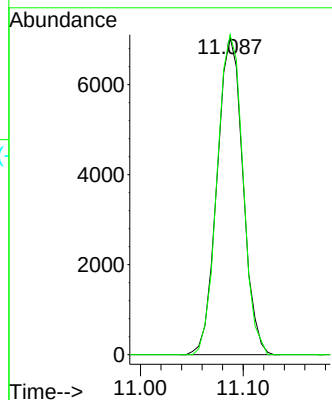
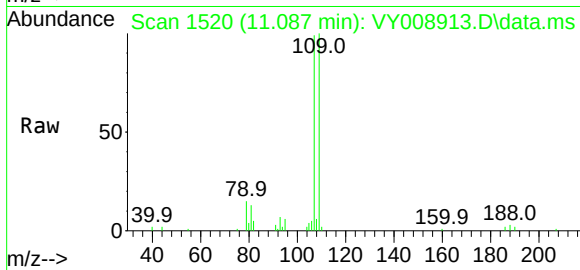




#61
1,2-Dibromoethane
Concen: 9.835 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

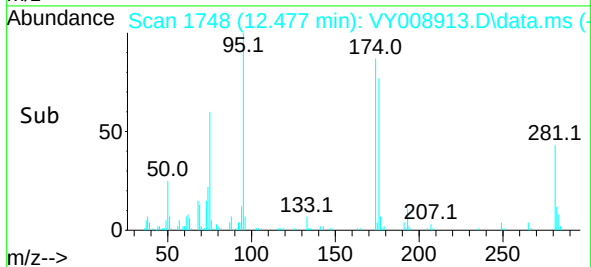
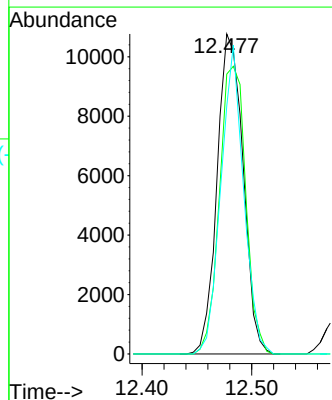
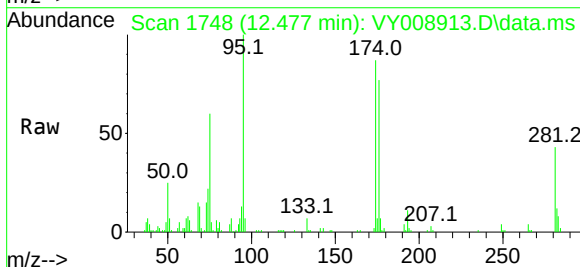
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

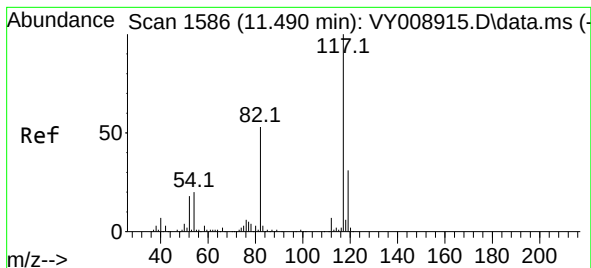
Tgt Ion:107 Resp: 12307
Ion Ratio Lower Upper
107 100
109 100.1 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 10.094 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

Tgt Ion: 95 Resp: 17728
Ion Ratio Lower Upper
95 100
174 91.0 0.0 177.0
176 84.3 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY008913.D

Acq: 20 May 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

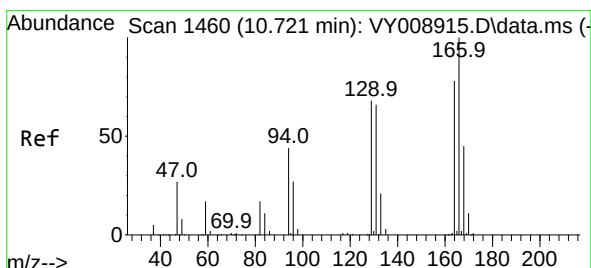
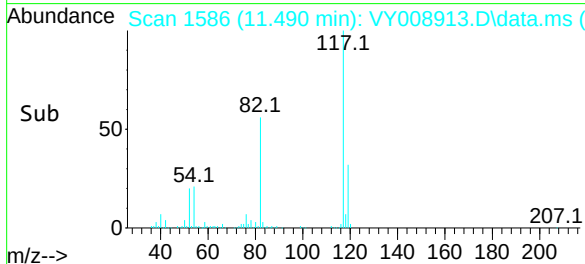
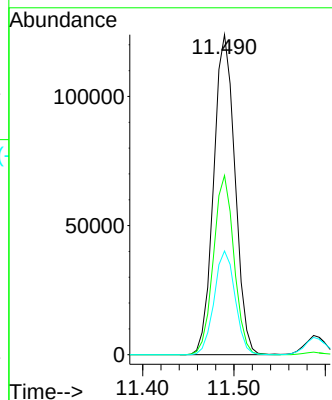
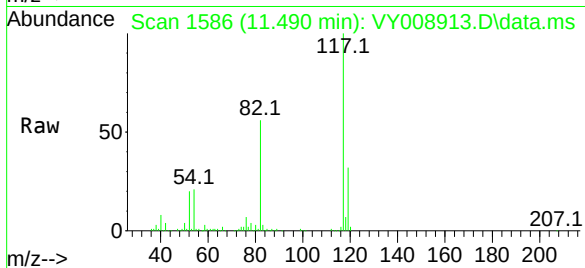
Tgt Ion:117 Resp: 200732

Ion Ratio Lower Upper

117 100

82 56.0 43.0 64.4

119 32.4 25.4 38.0



#64

Tetrachloroethene

Concen: 11.596 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY008913.D

Acq: 20 May 2022 19:02

Tgt Ion:164 Resp: 15487

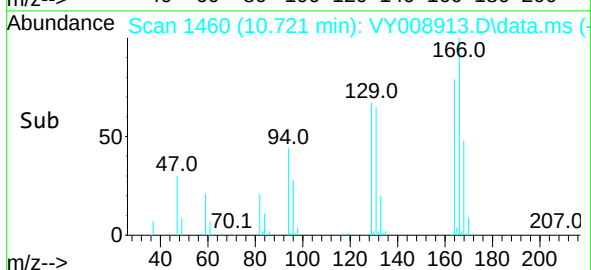
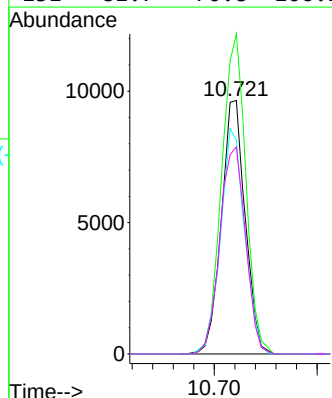
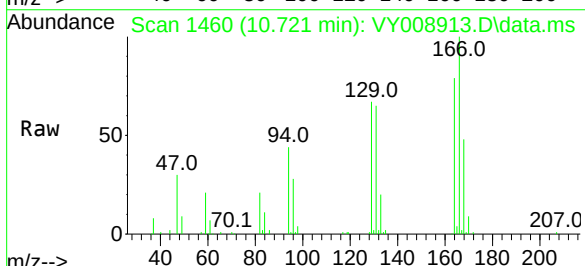
Ion Ratio Lower Upper

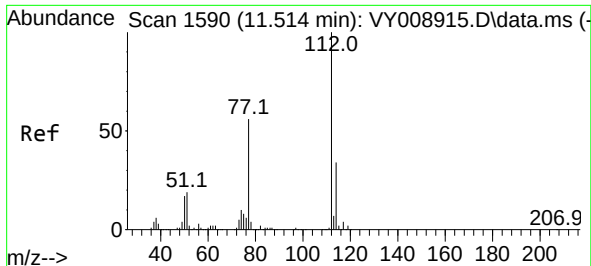
164 100

166 126.2 100.4 150.6

129 84.4 71.4 107.0

131 81.7 70.8 106.2

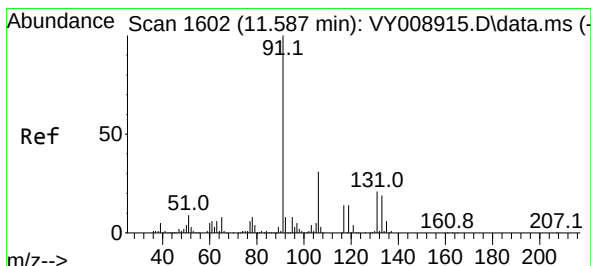
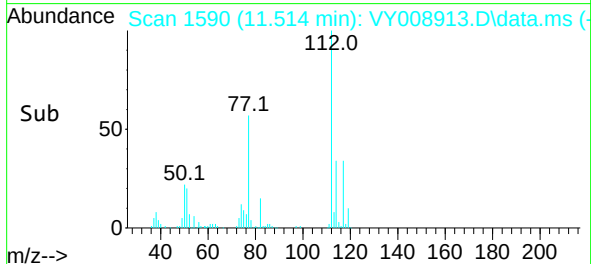
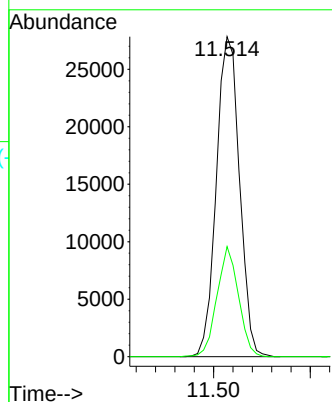
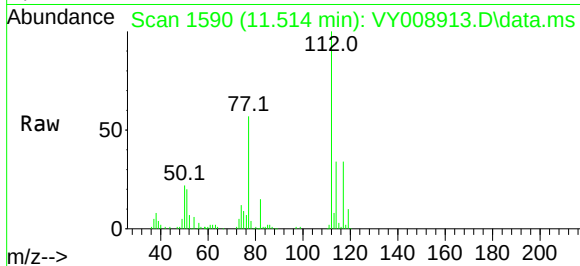




#65
Chlorobenzene
Concen: 10.992 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

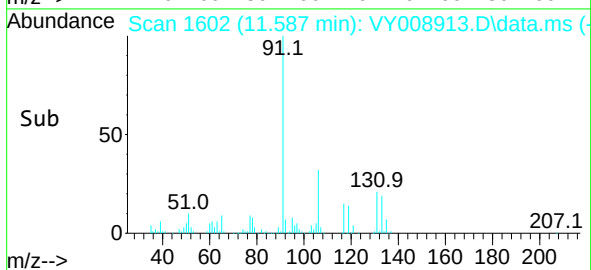
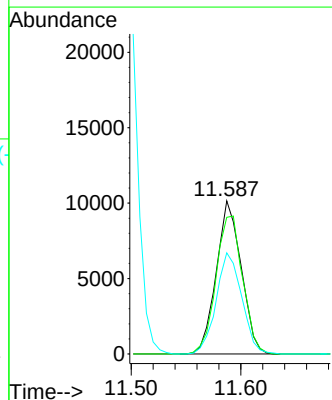
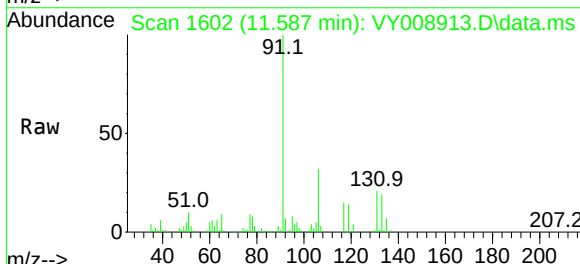
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

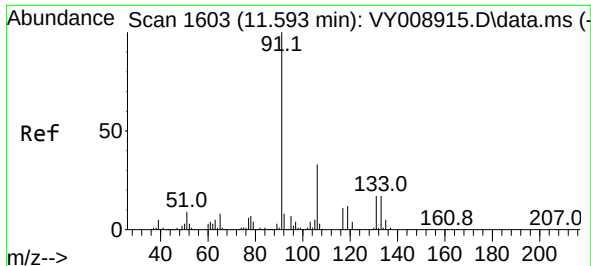
Tgt Ion:112 Resp: 46225
Ion Ratio Lower Upper
112 100
114 34.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 10.391 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

Tgt Ion:131 Resp: 16036
Ion Ratio Lower Upper
131 100
133 96.6 47.9 143.6
119 67.8 30.8 92.3





#67

Ethyl Benzene

Concen: 10.571 ug/l

RT: 11.593 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY008913.D

Acq: 20 May 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

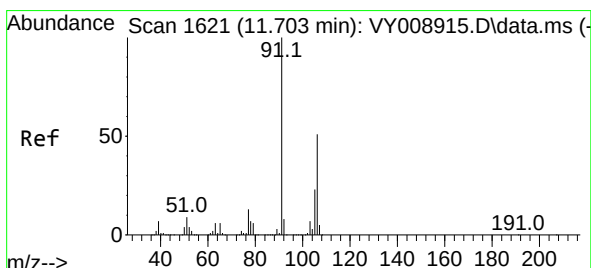
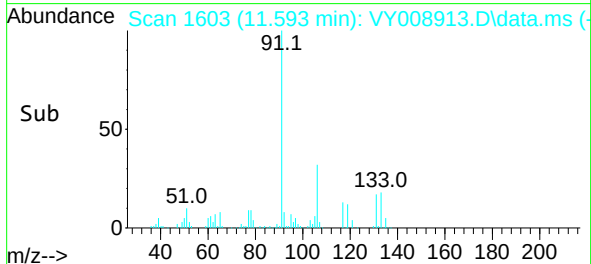
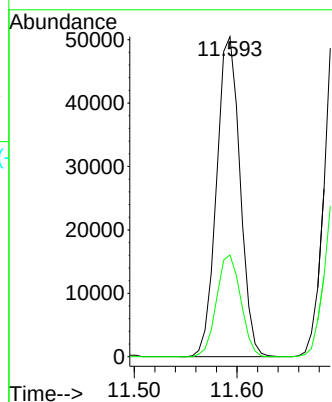
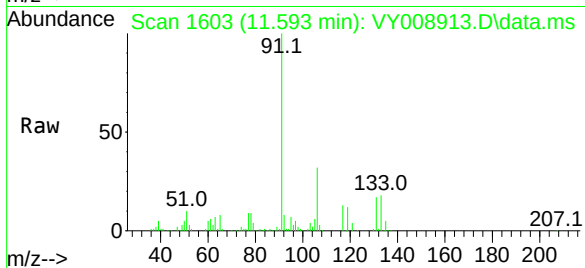
VSTDIC010

Tgt Ion: 91 Resp: 79889

Ion Ratio Lower Upper

91 100

106 31.8 24.5 36.7



#68

m/p-Xylenes

Concen: 21.255 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY008913.D

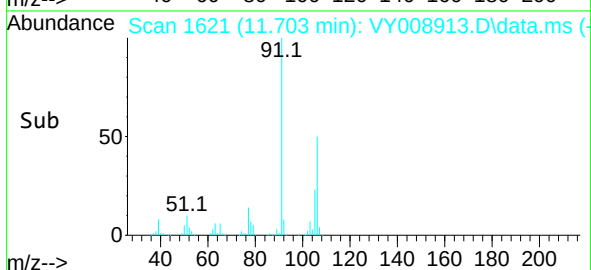
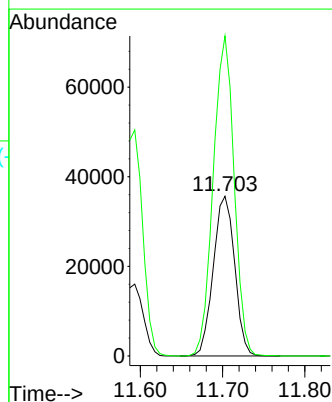
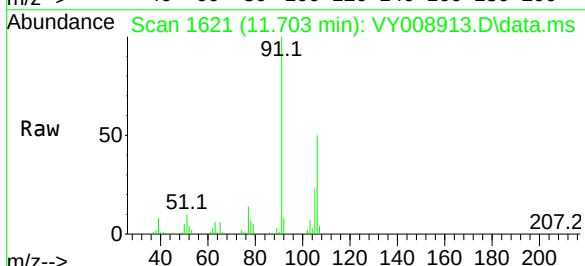
Acq: 20 May 2022 19:02

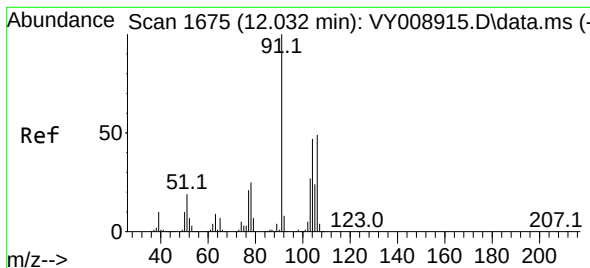
Tgt Ion: 106 Resp: 64380

Ion Ratio Lower Upper

106 100

91 196.1 166.6 249.8





#69

o-Xylene

Concen: 10.359 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY008913.D

Acq: 20 May 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

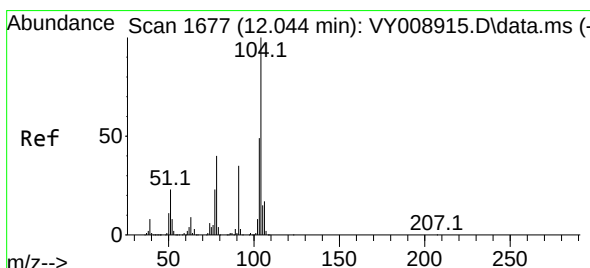
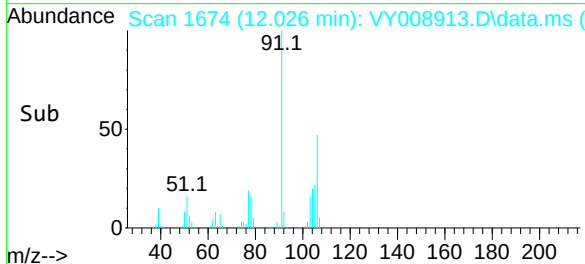
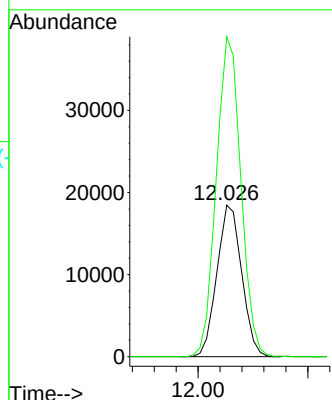
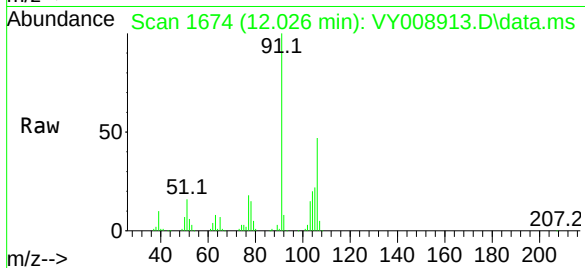
VSTDIC010

Tgt Ion:106 Resp: 28966

Ion Ratio Lower Upper

106 100

91 209.8 110.3 331.0



#70

Styrene

Concen: 10.058 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY008913.D

Acq: 20 May 2022 19:02

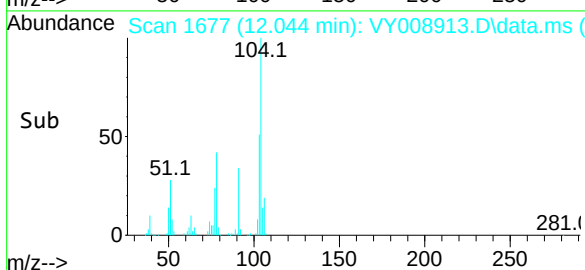
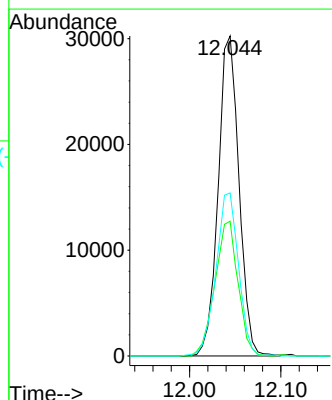
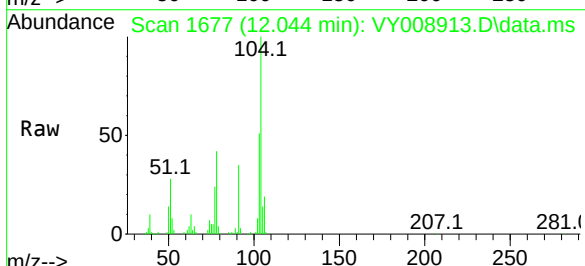
Tgt Ion:104 Resp: 47990

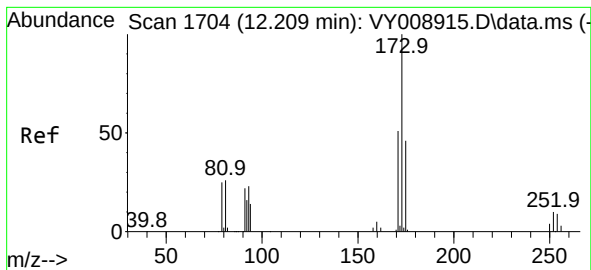
Ion Ratio Lower Upper

104 100

78 46.7 42.4 63.6

103 55.3 44.4 66.6





#71

Bromoform

Concen: 8.884 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY008913.D

Acq: 20 May 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

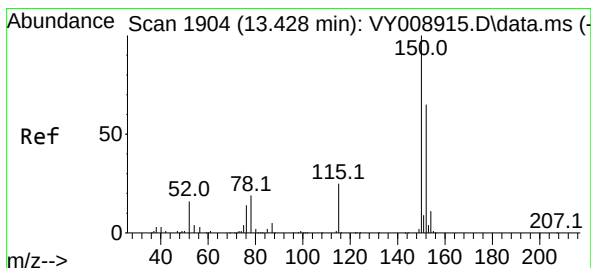
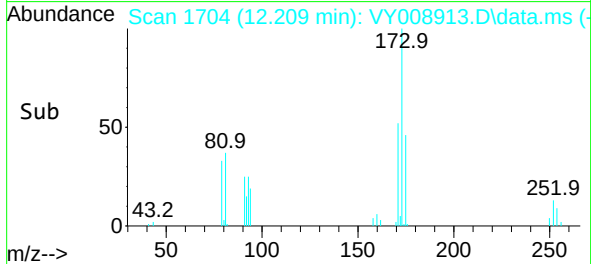
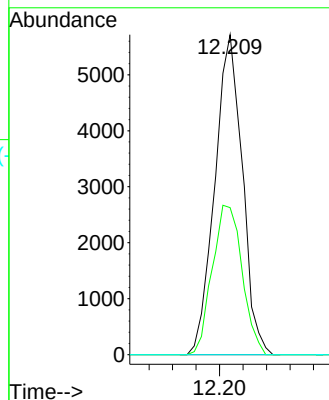
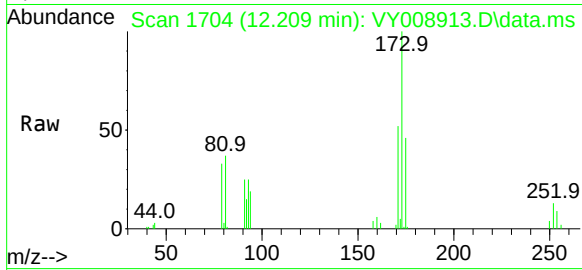
Tgt Ion:173 Resp: 9302

Ion Ratio Lower Upper

173 100

175 50.7 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY008913.D

Acq: 20 May 2022 19:02

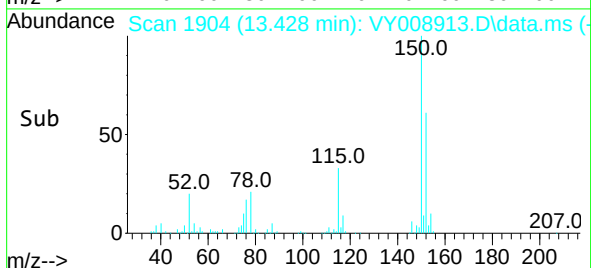
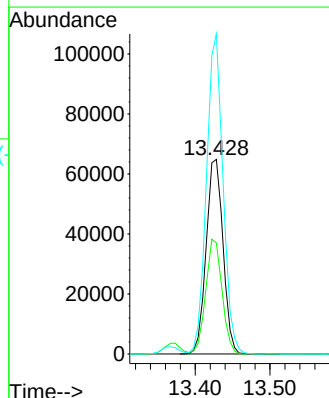
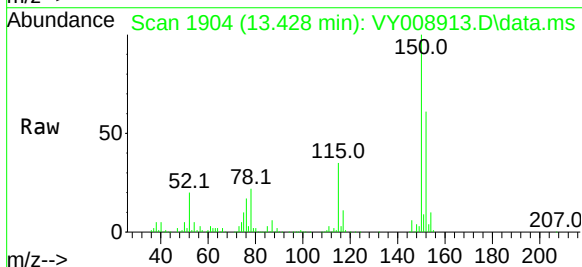
Tgt Ion:152 Resp: 101591

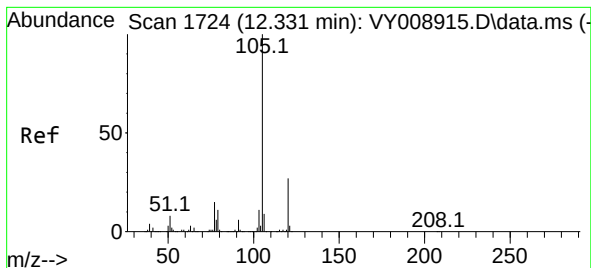
Ion Ratio Lower Upper

152 100

115 57.1 28.2 84.7

150 161.1 0.0 347.6





#73

Isopropylbenzene

Concen: 10.804 ug/l

RT: 12.331 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY008913.D

Acq: 20 May 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

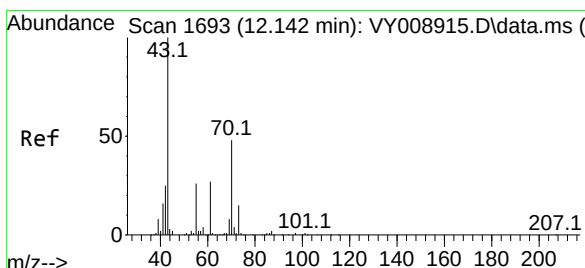
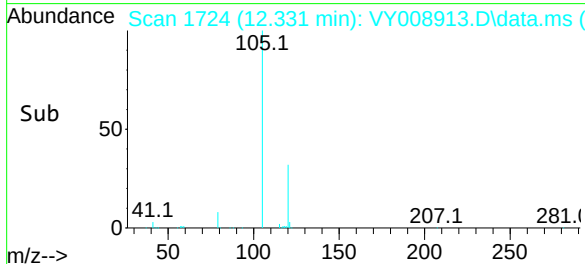
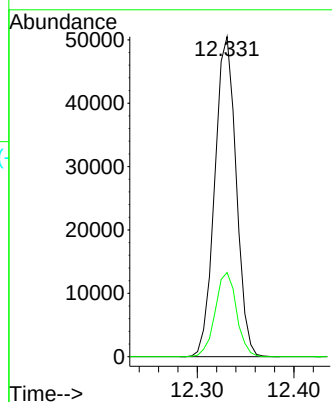
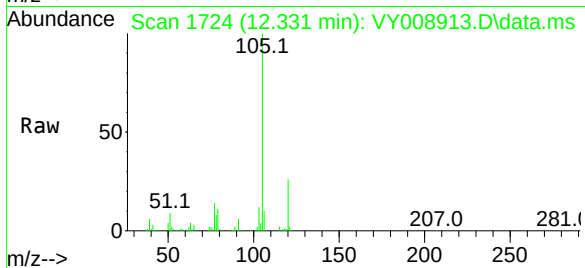
VSTDIC010

Tgt Ion:105 Resp: 77627

Ion Ratio Lower Upper

105 100

120 26.2 13.4 40.2



#74

N-ethyl acetate

Concen: 10.422 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY008913.D

Acq: 20 May 2022 19:02

Tgt Ion: 43 Resp: 17767

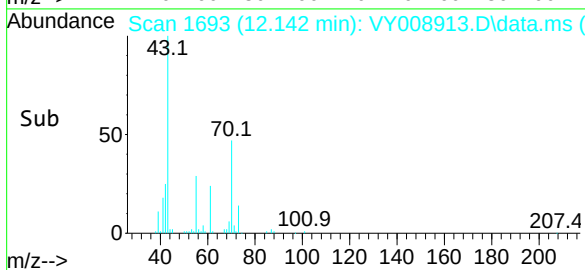
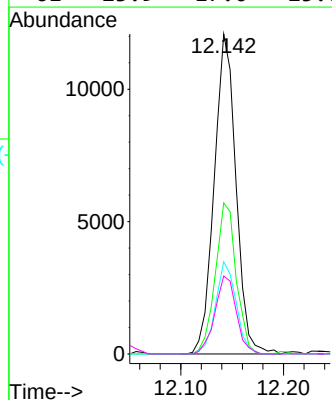
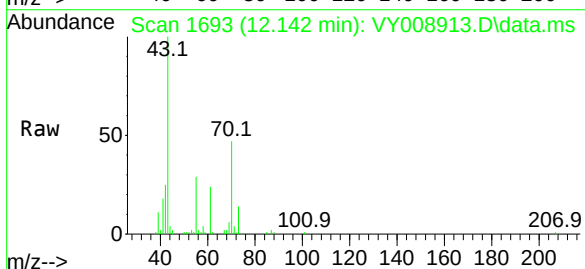
Ion Ratio Lower Upper

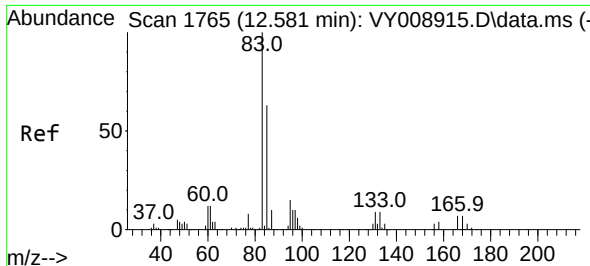
43 100

70 45.2 28.7 43.1#

55 27.1 17.3 25.9#

61 23.9 17.0 25.6

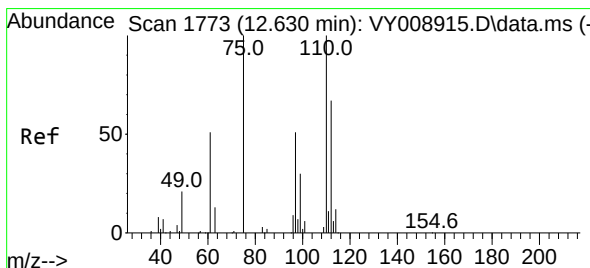
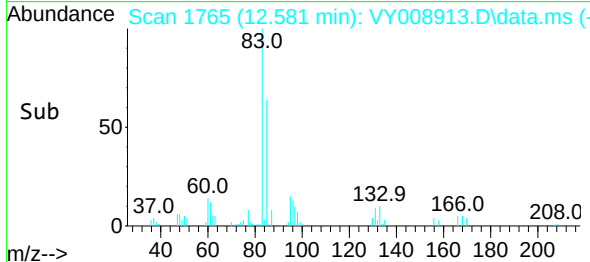
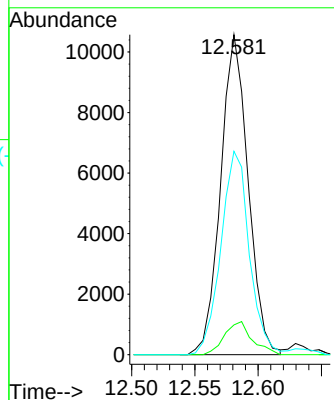
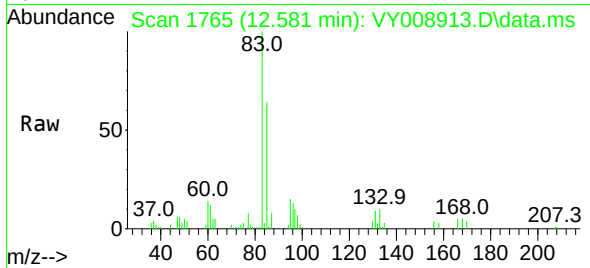




#75
1,1,2,2-Tetrachloroethane
Concen: 10.129 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

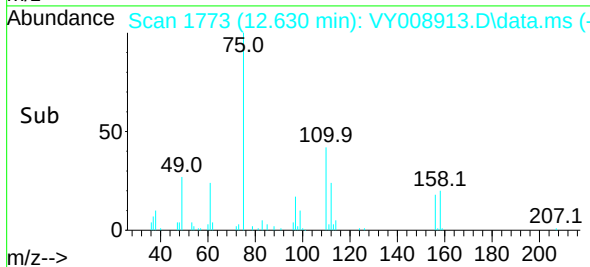
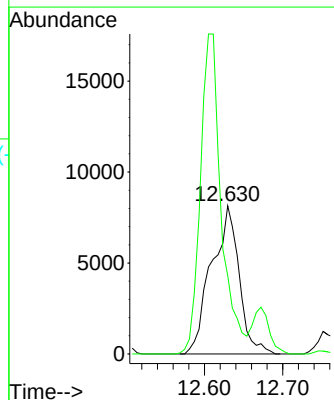
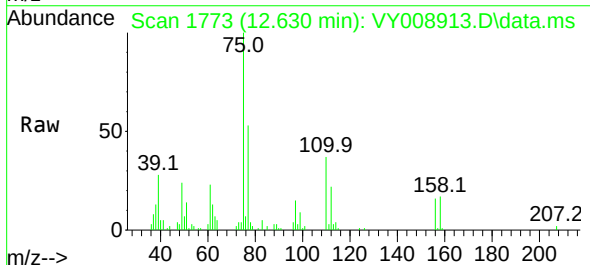
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

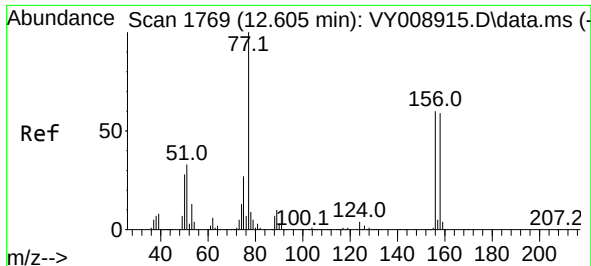
Tgt Ion: 83 Resp: 15964
Ion Ratio Lower Upper
83 100
131 10.4 5.6 16.8
85 65.9 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 16.762 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

Tgt Ion: 75 Resp: 19942
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

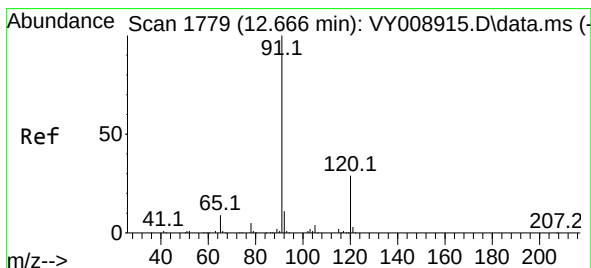
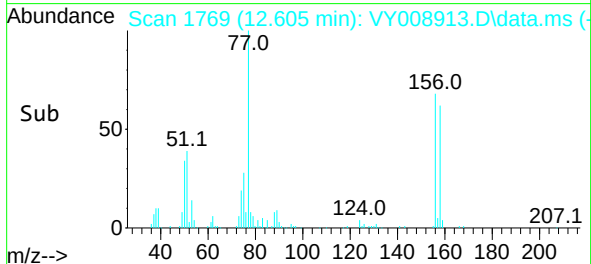
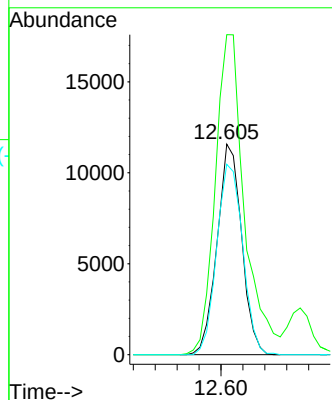
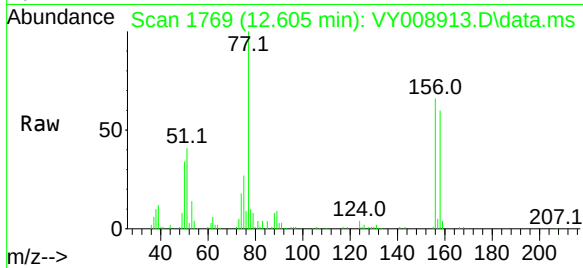




#77
Bromobenzene
Concen: 10.843 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

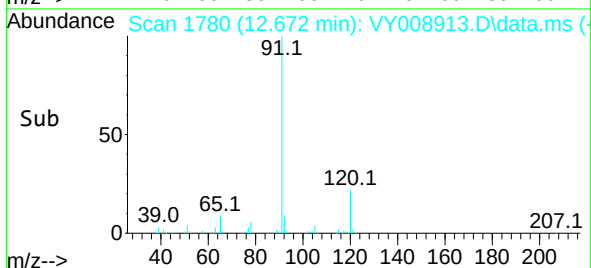
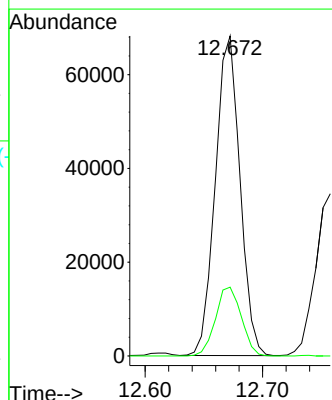
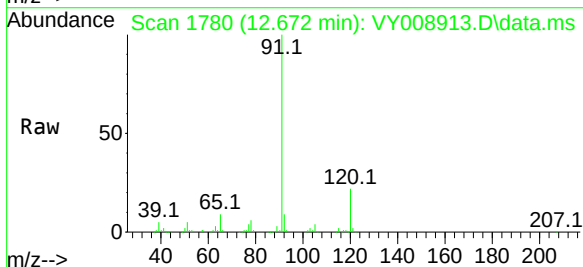
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

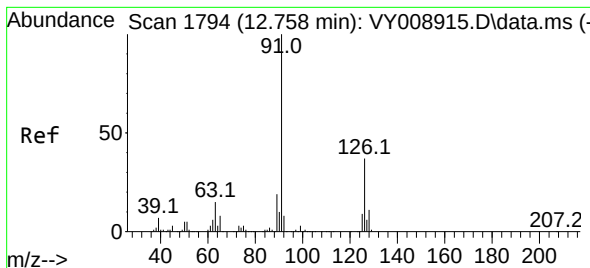
Tgt Ion:156 Resp: 18042
Ion Ratio Lower Upper
156 100
77 180.3 95.5 286.4
158 95.5 48.0 144.0



#78
n-propylbenzene
Concen: 12.075 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

Tgt Ion: 91 Resp: 99446
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.9





#79

2-Chlorotoluene

Concen: 11.195 ug/l

RT: 12.758 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY008913.D

Acq: 20 May 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

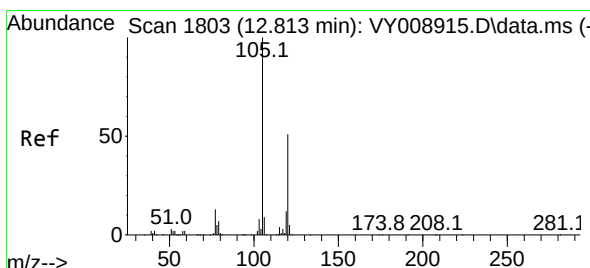
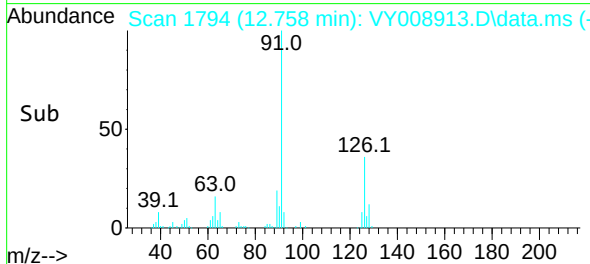
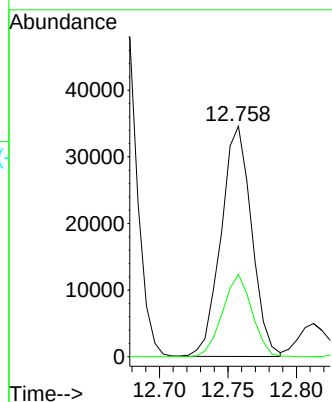
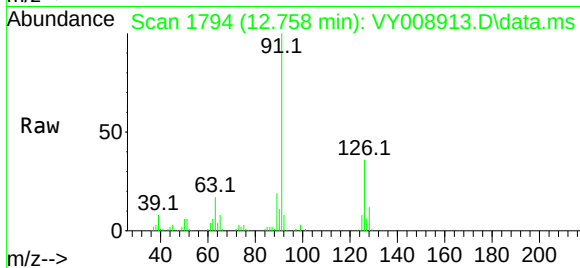
VSTDIC010

Tgt Ion: 91 Resp: 53569

Ion Ratio Lower Upper

91 100

126 34.4 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 11.272 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY008913.D

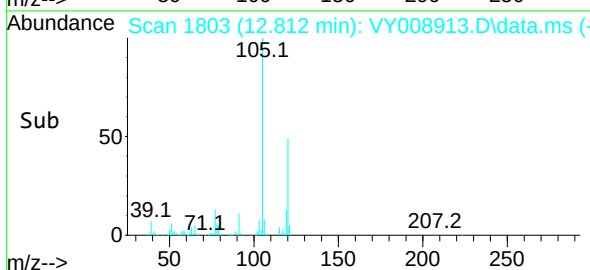
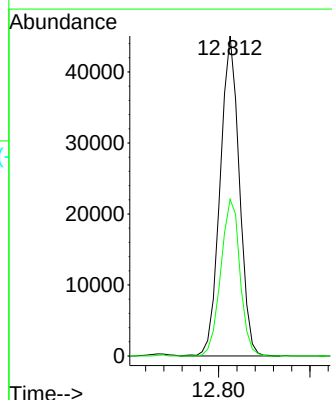
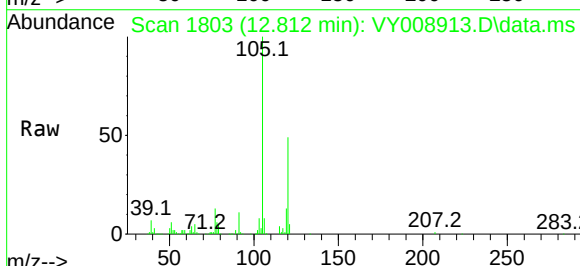
Acq: 20 May 2022 19:02

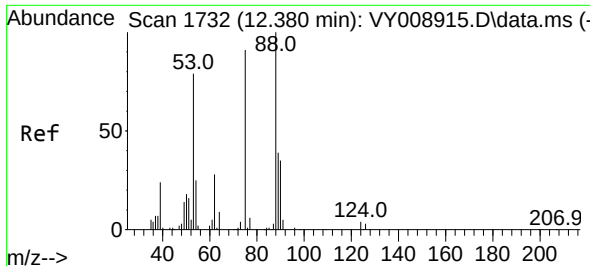
Tgt Ion: 105 Resp: 65772

Ion Ratio Lower Upper

105 100

120 48.9 24.4 73.4

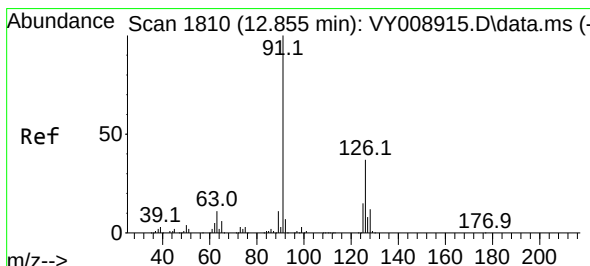
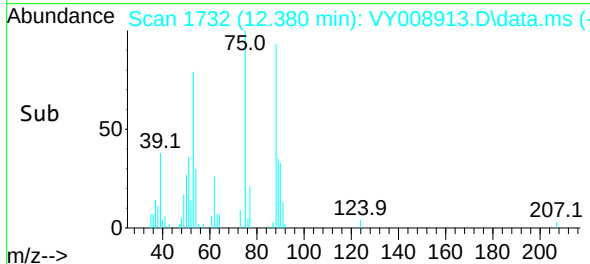
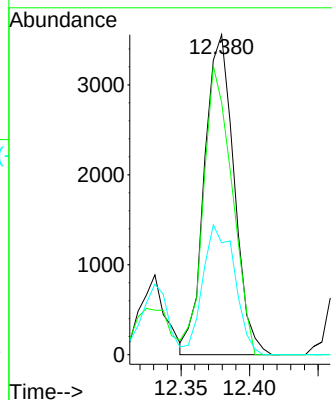
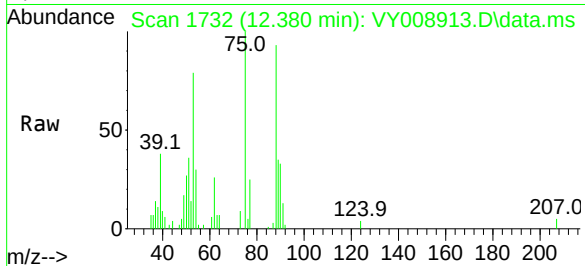




#81
 trans-1,4-Dichloro-2-butene
 Concen: 9.868 ug/l
 RT: 12.380 min Scan# 1732
 Delta R.T. -0.000 min
 Lab File: VY008913.D
 Acq: 20 May 2022 19:02

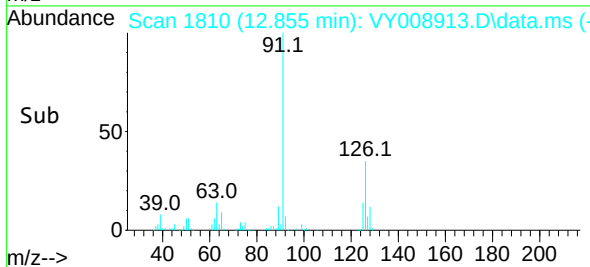
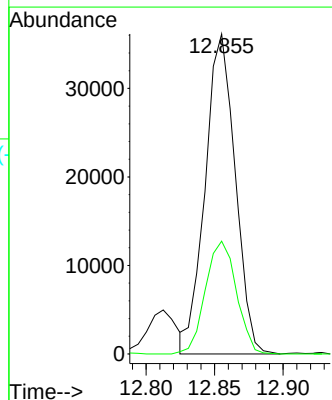
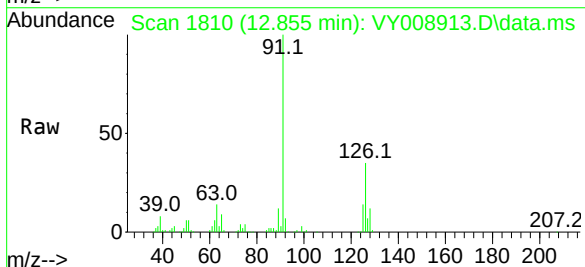
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

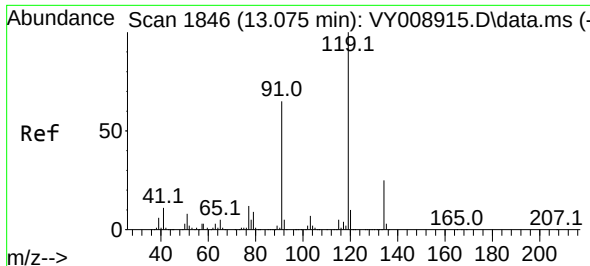
Tgt Ion: 75 Resp: 5332
 Ion Ratio Lower Upper
 75 100
 53 87.6 85.3 127.9
 89 43.8 37.0 55.4



#82
 4-Chlorotoluene
 Concen: 10.871 ug/l
 RT: 12.855 min Scan# 1810
 Delta R.T. -0.000 min
 Lab File: VY008913.D
 Acq: 20 May 2022 19:02

Tgt Ion: 91 Resp: 55138
 Ion Ratio Lower Upper
 91 100
 126 36.3 17.0 51.0

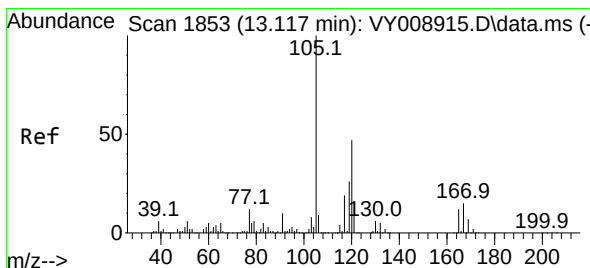
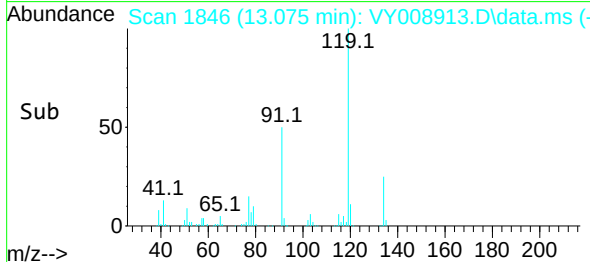
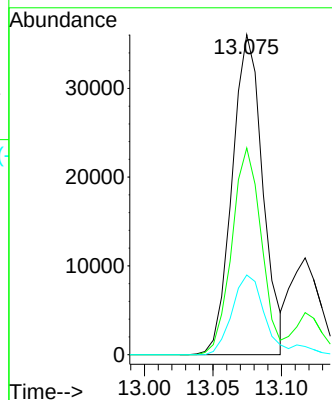
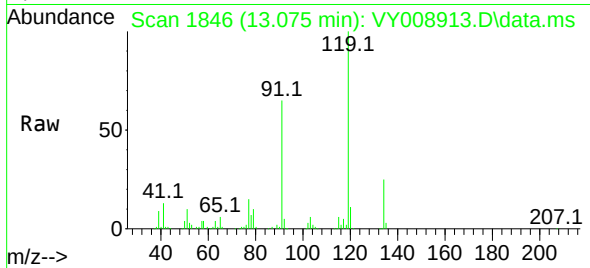




#83
tert-Butylbenzene
Concen: 10.778 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

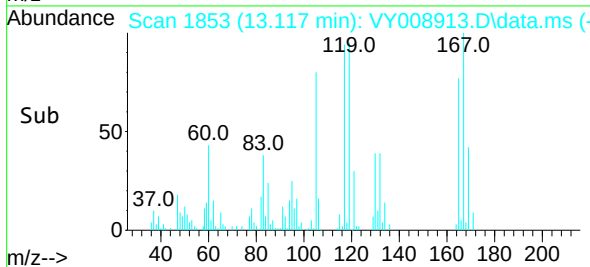
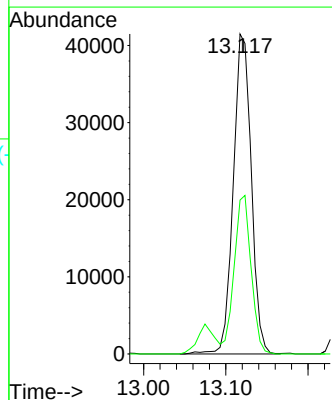
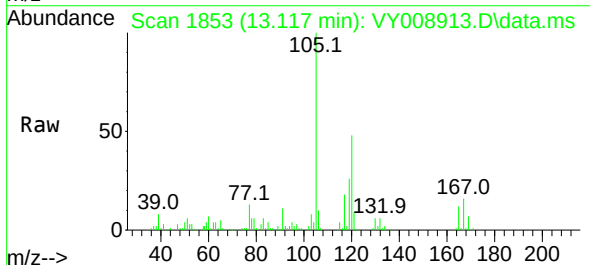
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

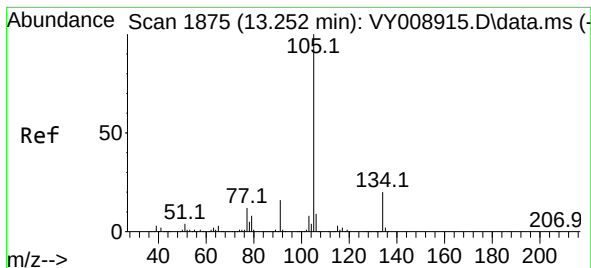
Tgt Ion:119 Resp: 56346
Ion Ratio Lower Upper
119 100
91 62.1 34.8 104.4
134 25.8 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 10.913 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

Tgt Ion:105 Resp: 63149
Ion Ratio Lower Upper
105 100
120 46.9 22.3 66.9





#85

sec-Butylbenzene

Concen: 10.874 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY008913.D

Acq: 20 May 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

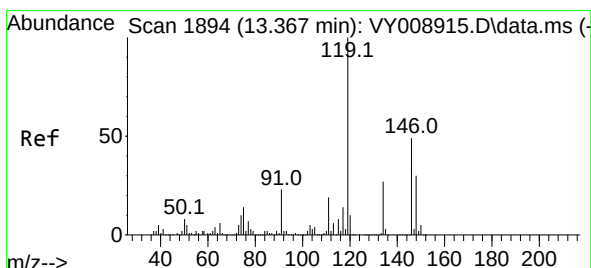
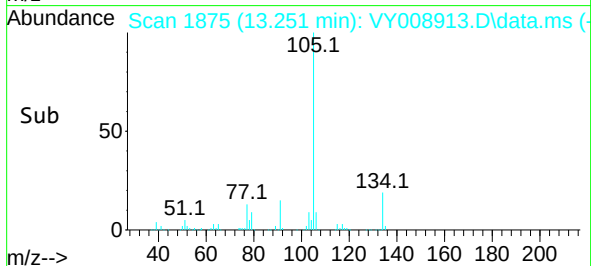
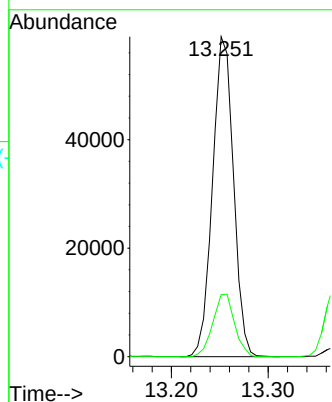
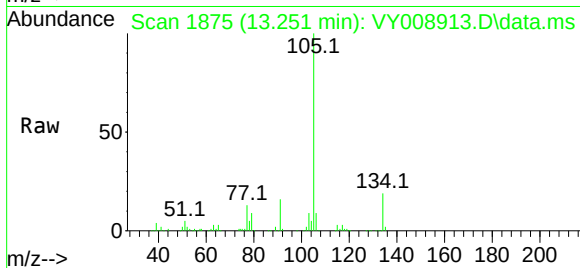
VSTDIC010

Tgt Ion:105 Resp: 88598

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.4



#86

p-Isopropyltoluene

Concen: 10.922 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY008913.D

Acq: 20 May 2022 19:02

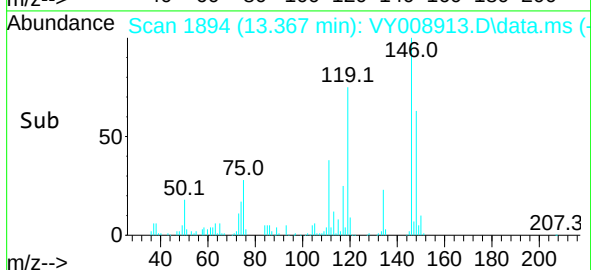
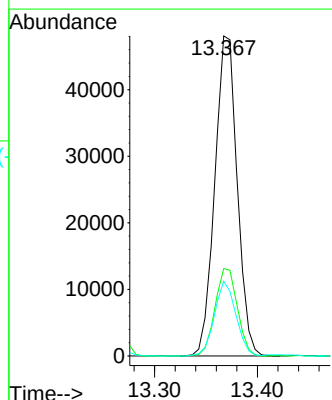
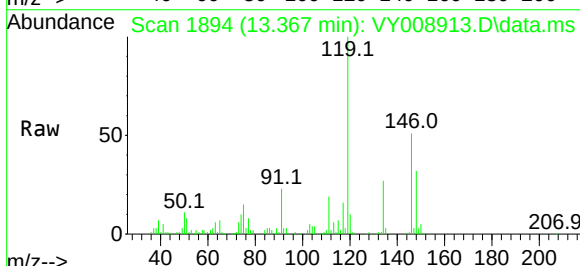
Tgt Ion:119 Resp: 72712

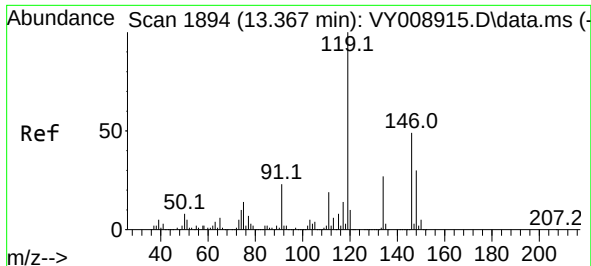
Ion Ratio Lower Upper

119 100

134 27.2 13.2 39.5

91 22.4 12.4 37.2

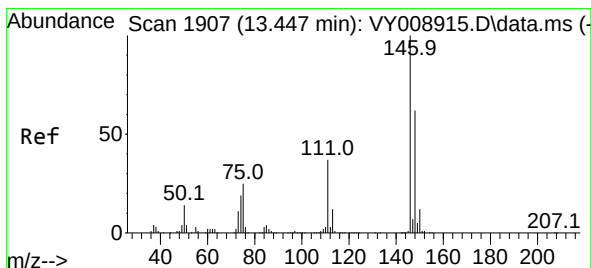
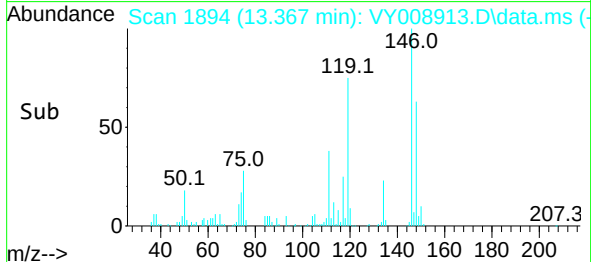
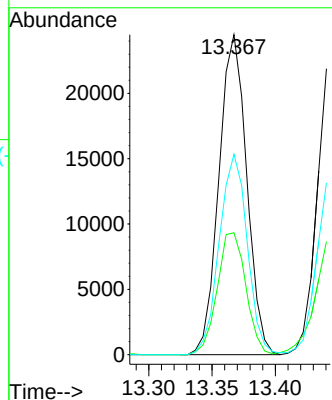
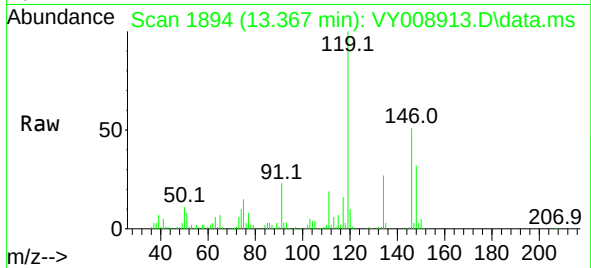




#87
1,3-Dichlorobenzene
Concen: 10.656 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

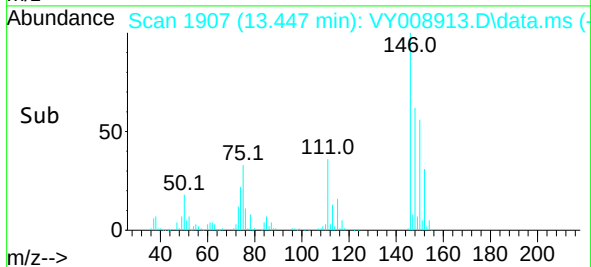
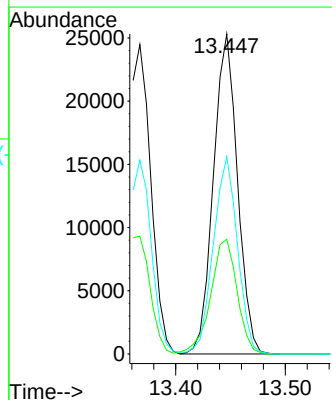
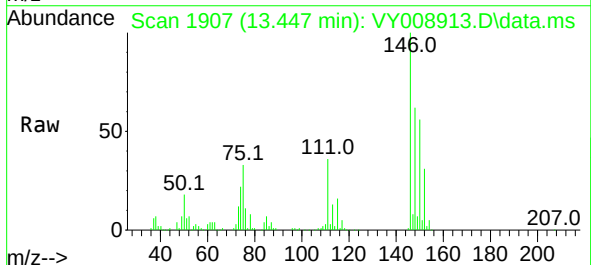
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

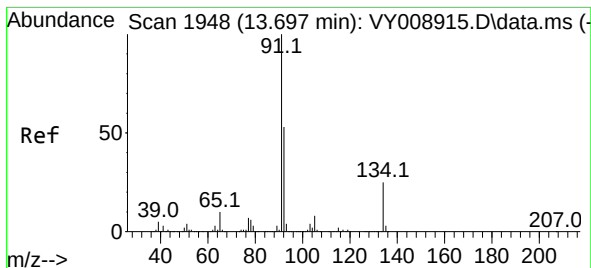
Tgt Ion:146 Resp: 37362
Ion Ratio Lower Upper
146 100
111 39.3 19.5 58.5
148 63.3 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 11.144 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY008913.D
Acq: 20 May 2022 19:02

Tgt Ion:146 Resp: 38618
Ion Ratio Lower Upper
146 100
111 39.3 19.3 57.8
148 62.1 32.6 97.8





#89

n-Butylbenzene

Concen: 10.972 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY008913.D

Acq: 20 May 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

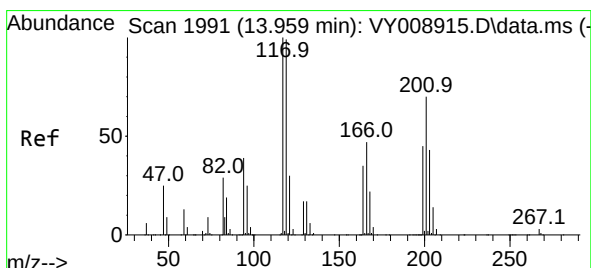
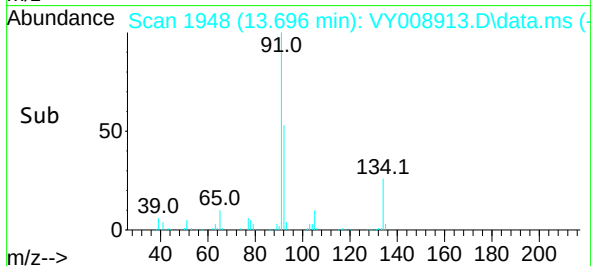
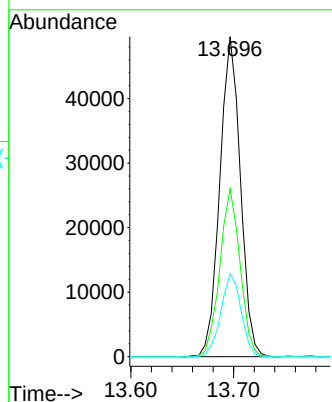
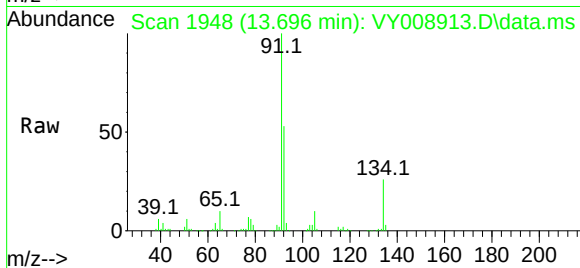
Tgt Ion: 91 Resp: 68816

Ion Ratio Lower Upper

91 100

92 51.8 26.3 78.9

134 25.6 13.0 38.9



#90

Hexachloroethane

Concen: 11.298 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY008913.D

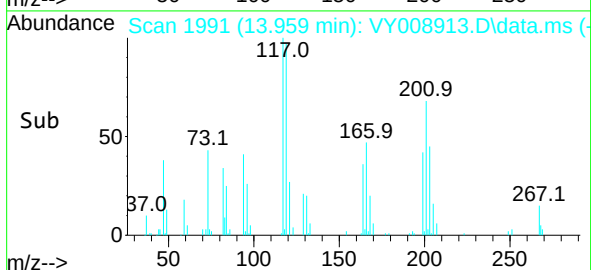
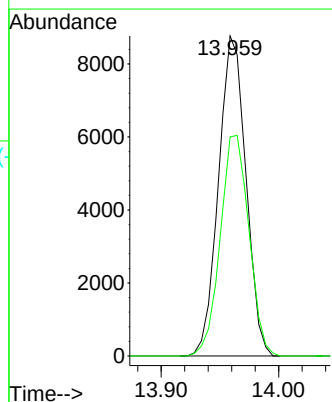
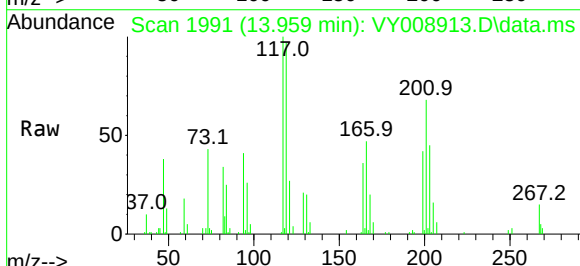
Acq: 20 May 2022 19:02

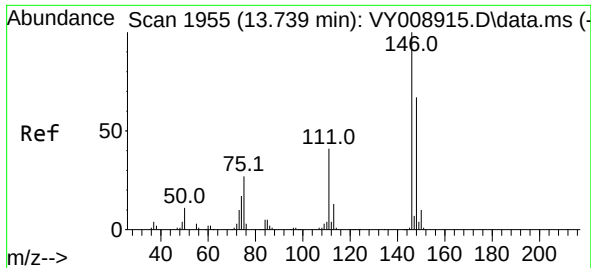
Tgt Ion: 117 Resp: 14193

Ion Ratio Lower Upper

117 100

201 72.4 43.0 128.8

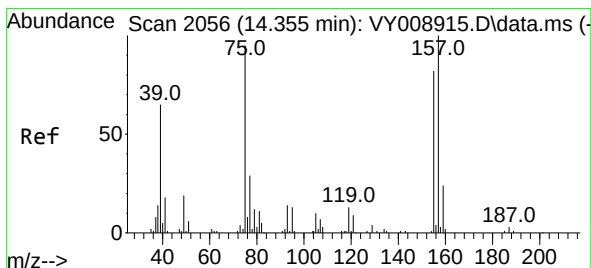
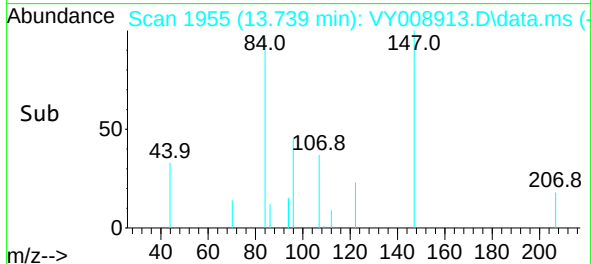
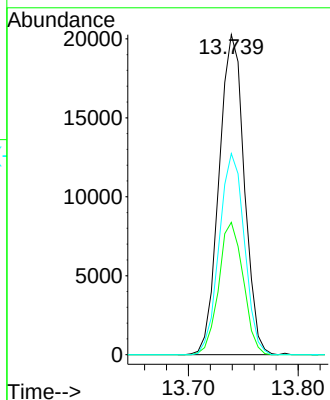
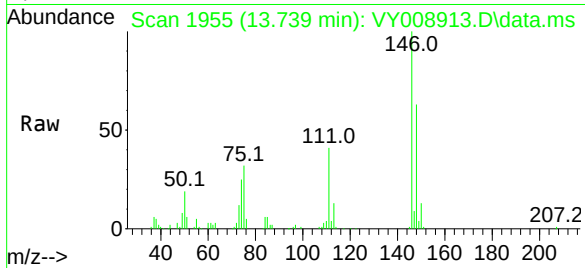




#91
 1,2-Dichlorobenzene
 Concen: 10.592 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. -0.000 min
 Lab File: VY008913.D
 Acq: 20 May 2022 19:02

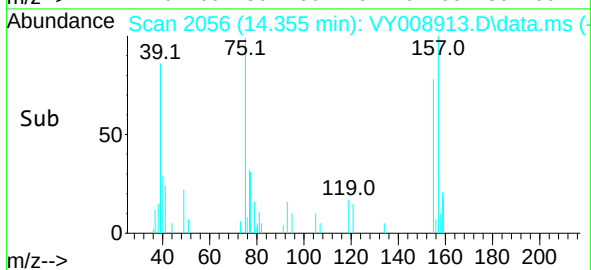
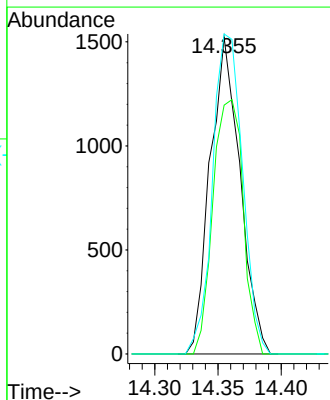
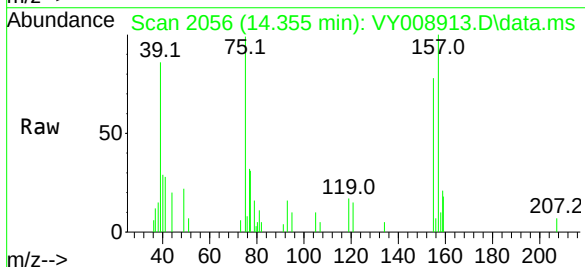
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

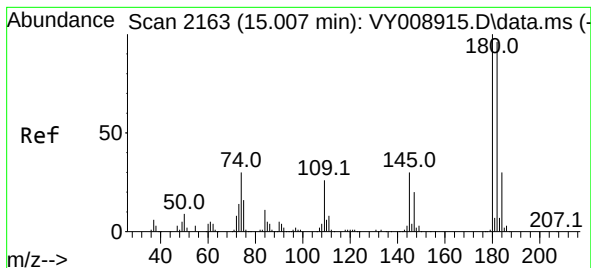
Tgt Ion:146	Resp:	32384
Ion	Ratio	Lower Upper
146	100	
111	40.2	20.3 60.9
148	62.7	32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.433 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY008913.D
 Acq: 20 May 2022 19:02

Tgt Ion: 75	Resp:	2507
Ion	Ratio	Lower Upper
75	100	
155	80.8	38.0 113.9
157	100.8	47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 10.969 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY008913.D

Acq: 20 May 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

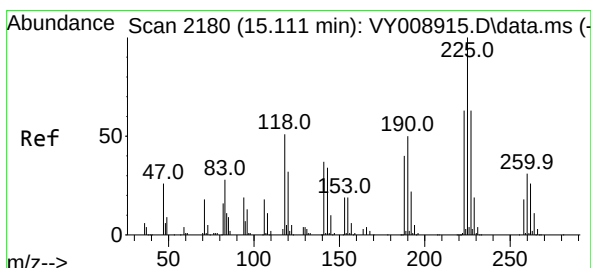
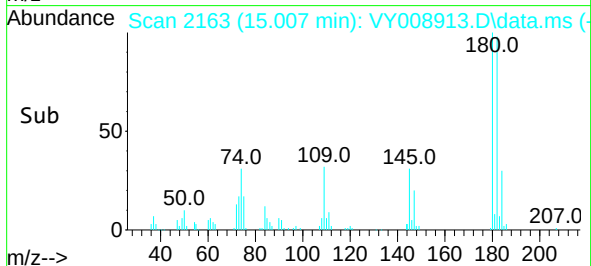
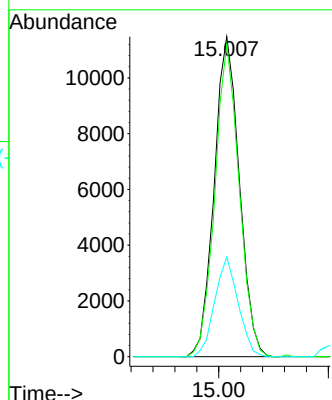
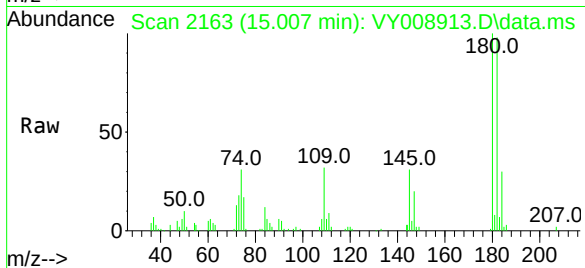
Tgt Ion:180 Resp: 18299

Ion Ratio Lower Upper

180 100

182 94.2 47.3 141.9

145 28.9 14.6 43.8



#94

Hexachlorobutadiene

Concen: 11.485 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY008913.D

Acq: 20 May 2022 19:02

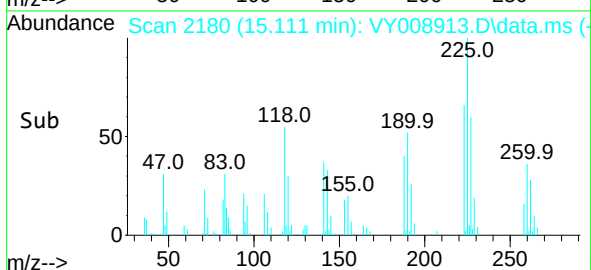
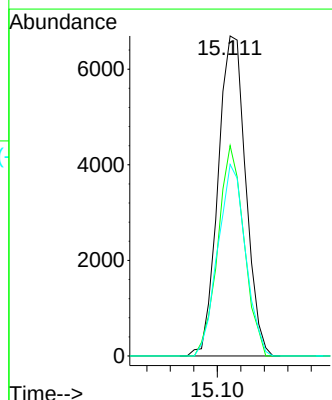
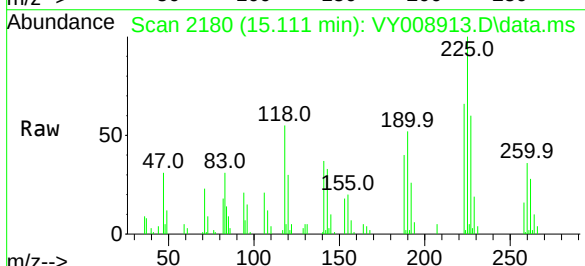
Tgt Ion:225 Resp: 10950

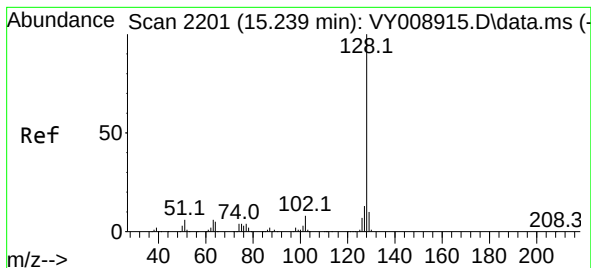
Ion Ratio Lower Upper

225 100

223 61.9 30.8 92.3

227 59.7 31.6 94.7





#95

Naphthalene

Concen: 8.883 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY008913.D

Acq: 20 May 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

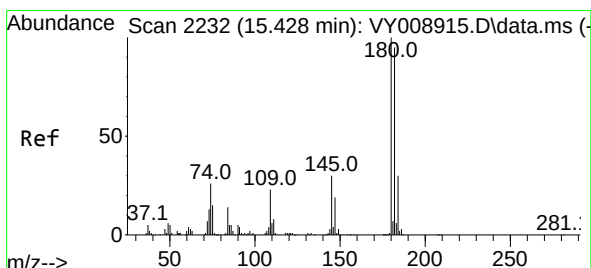
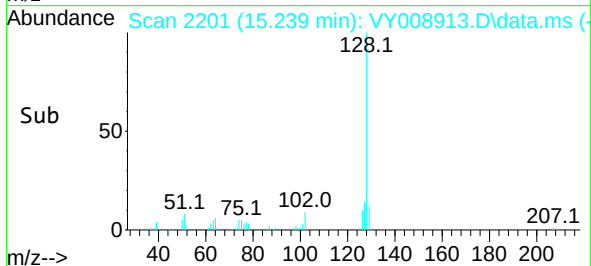
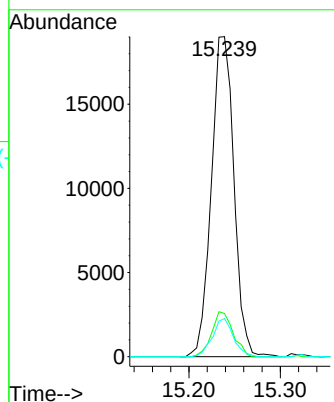
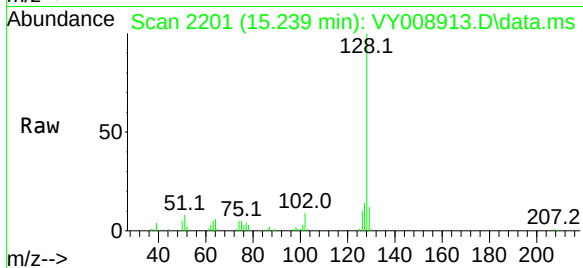
Tgt Ion:128 Resp: 32597

Ion Ratio Lower Upper

128 100

127 13.3 11.0 16.4

129 11.1 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 10.322 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY008913.D

Acq: 20 May 2022 19:02

Tgt Ion:180 Resp: 15083

Ion Ratio Lower Upper

180 100

182 96.4 47.3 141.9

145 31.6 15.3 45.9

