

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110822\
 Data File : VY011366.D
 Acq On : 08 Nov 2022 16:49
 Operator : KP/MD
 Sample : N5436-12
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 03:33:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

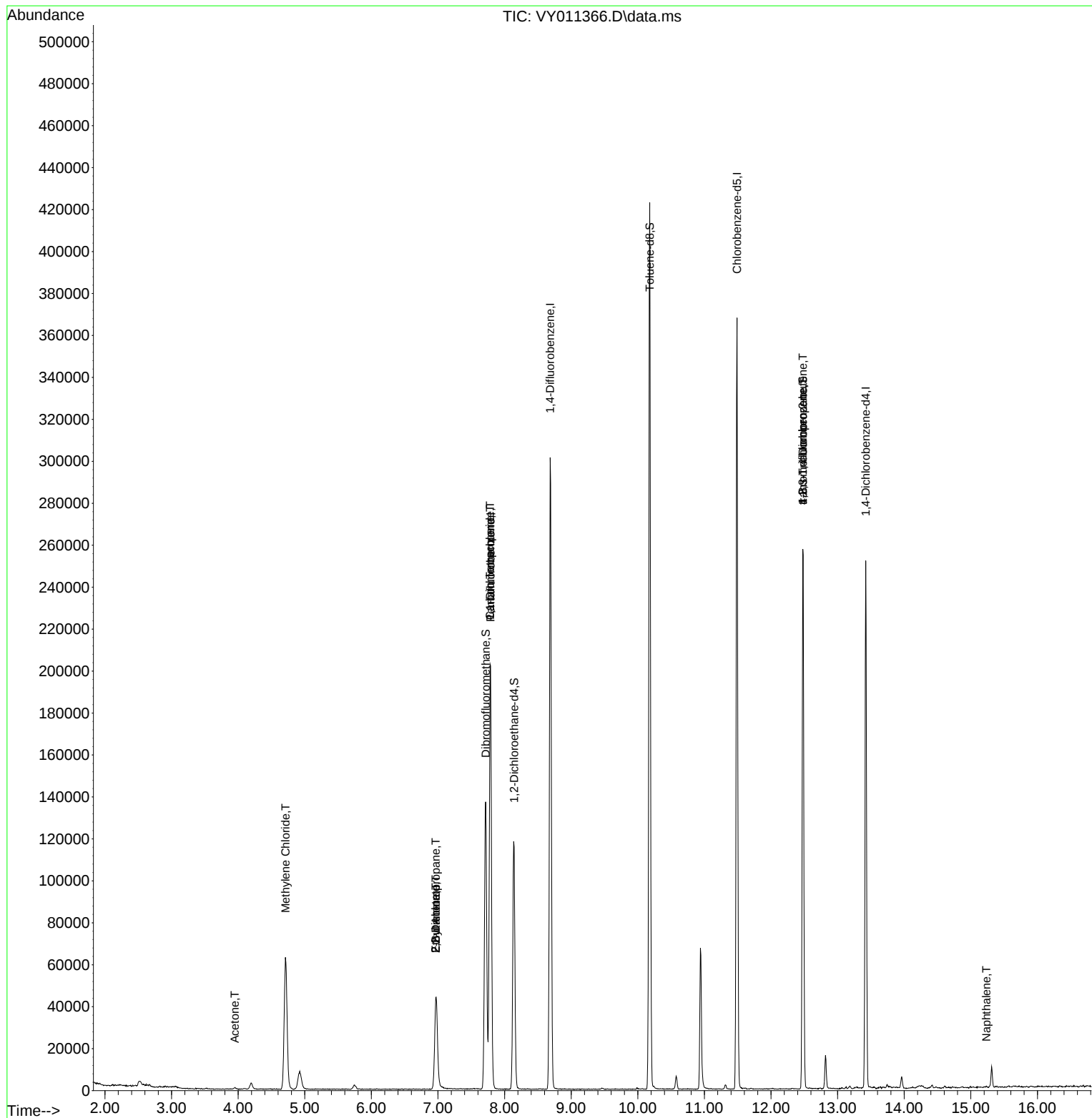
Internal Standards						
1) Pentafluorobenzene	7.789	168	164199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	267795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	210410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	69136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	92252	52.532	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.060%	
35) Dibromofluoromethane	7.716	113	100014	58.128	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.260%	
50) Toluene-d8	10.179	98	291302	43.606	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 87.220%	
62) 4-Bromofluorobenzene	12.477	95	83371	35.949	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 71.900%	
Target Compounds						
2) Dichlorodifluoromethane	1.900	85	55	Below Cal	#	Qvalue 43
11) Tert butyl alcohol	4.924	59	8483	Below Cal	#	78
16) Acetone	3.948	43	1024	1.932	ug/l #	69
20) Methylene Chloride	4.710	84	50993	20.561	ug/l #	80
25) 2-Butanone	6.966	43	2178	2.920	ug/l	100
26) 2,2-Dichloropropane	6.966	77	3537	1.101	ug/l #	55
36) 1,1-Dichloropropene	7.783	75	11748	4.181	ug/l #	50
37) Ethyl Acetate	6.966	43	2178	1.438	ug/l #	1
38) Carbon Tetrachloride	7.783	117	15878	5.447	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	39196	46.569	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	39196	99.664	ug/l #	7
95) Naphthalene	15.233	128	589	4.145	ug/l #	69

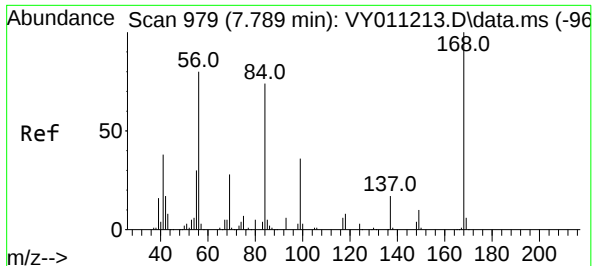
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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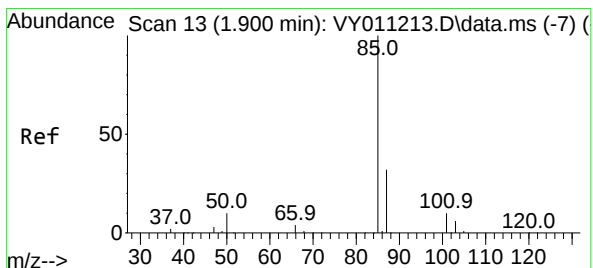
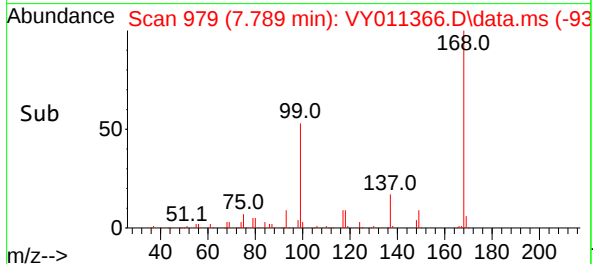
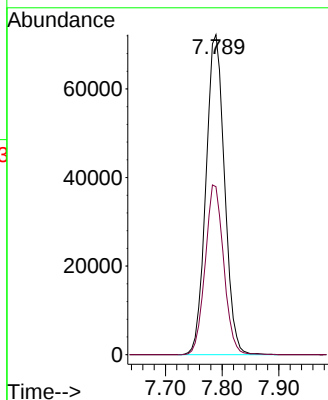
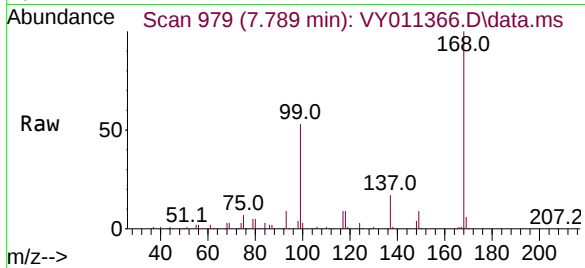




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011366.D
Acq: 08 Nov 2022 16:49

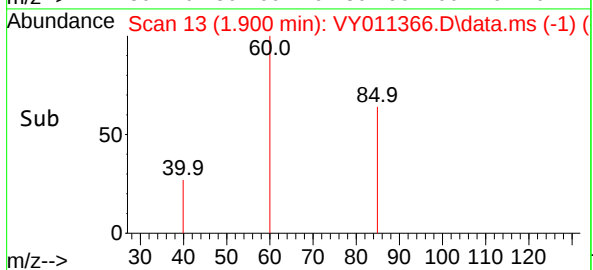
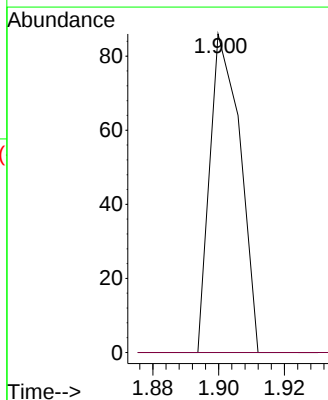
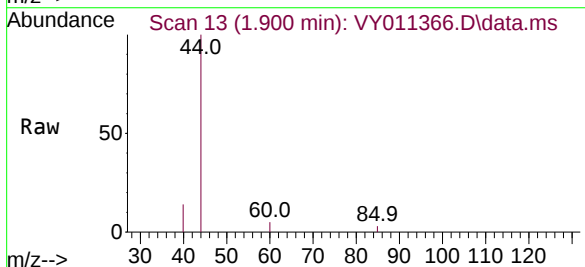
Instrument :
MSVOA_Y
ClientSampleId :

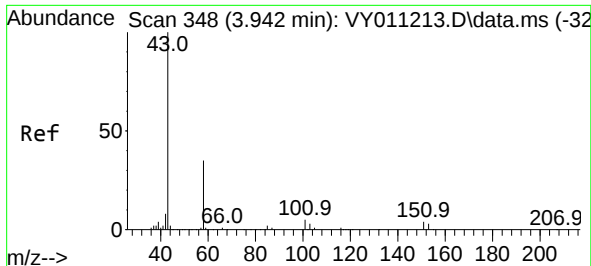
Tgt Ion:168 Resp: 164199
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011366.D
Acq: 08 Nov 2022 16:49

Tgt Ion: 85 Resp: 55
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

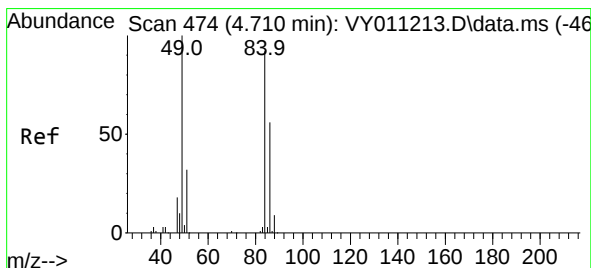
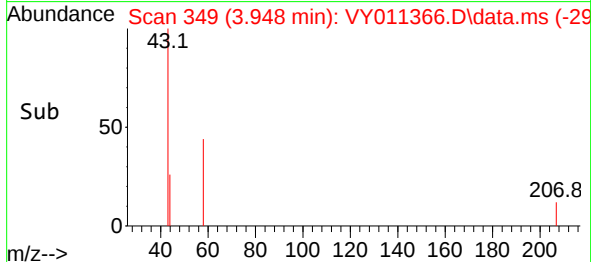
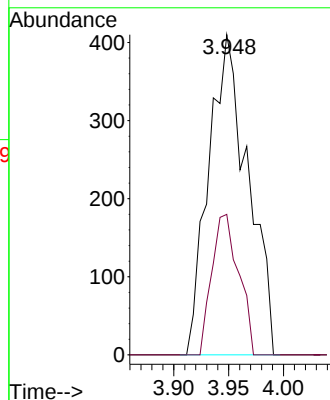
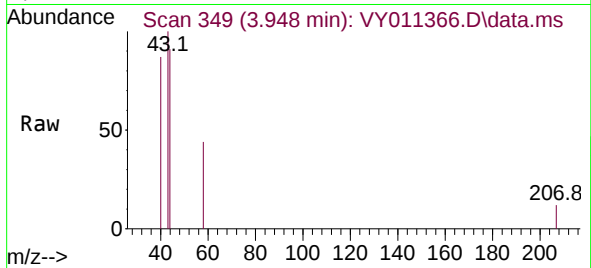




#16
Acetone
Concen: 1.932 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY011366.D
Acq: 08 Nov 2022 16:49

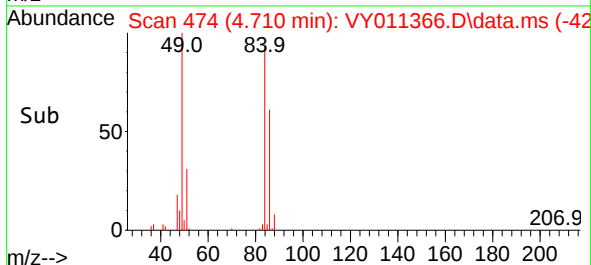
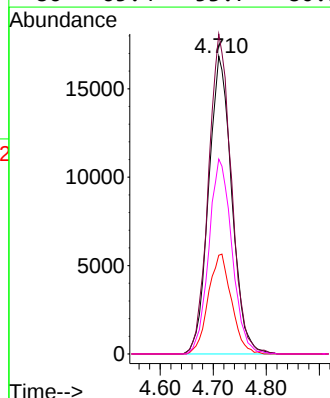
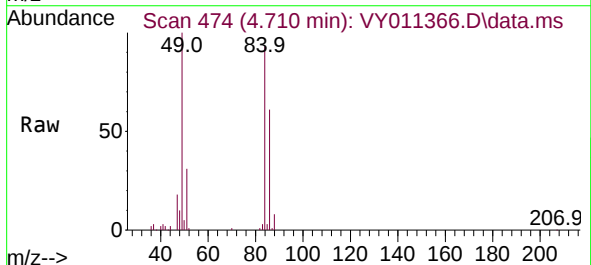
Instrument :
MSVOA_Y
ClientSampleId :

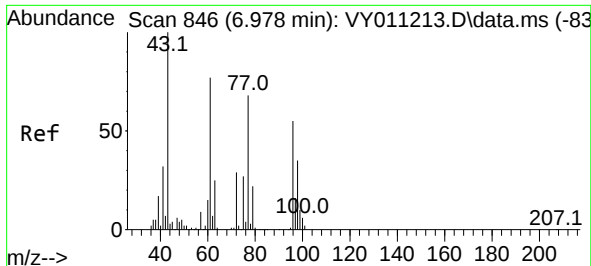
Tgt Ion: 43 Resp: 1024
Ion Ratio Lower Upper
43 100
58 43.9 22.0 33.0#



#20
Methylene Chloride
Concen: 20.561 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011366.D
Acq: 08 Nov 2022 16:49

Tgt Ion: 84 Resp: 50993
Ion Ratio Lower Upper
84 100
49 107.4 114.4 171.6#
51 33.1 35.3 52.9#
86 65.4 53.7 80.5

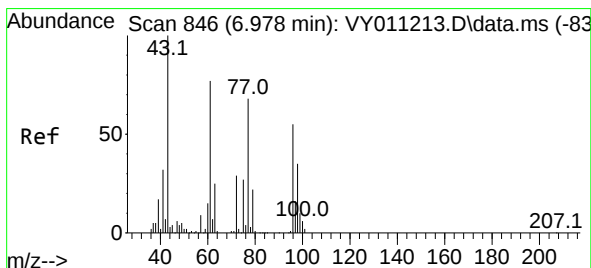
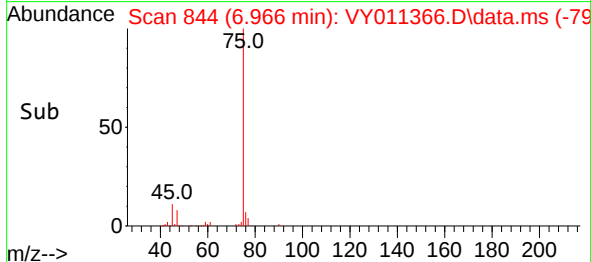
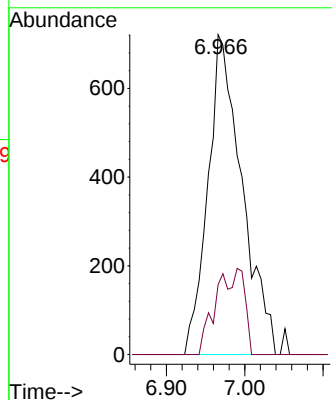
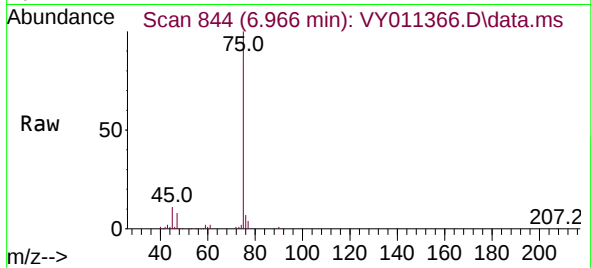




#25
2-Butanone
Concen: 2.920 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY011366.D
Acq: 08 Nov 2022 16:49

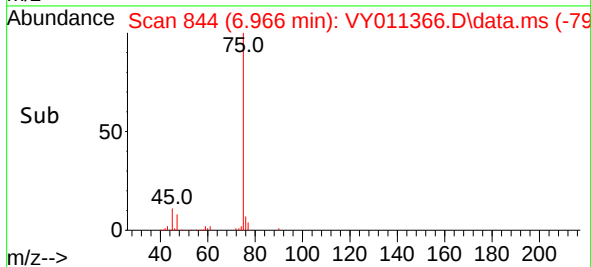
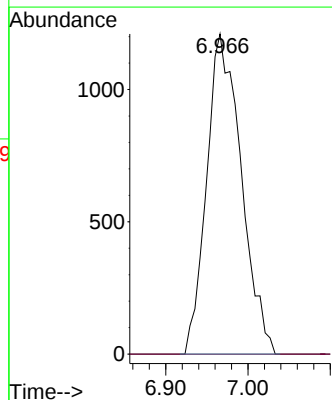
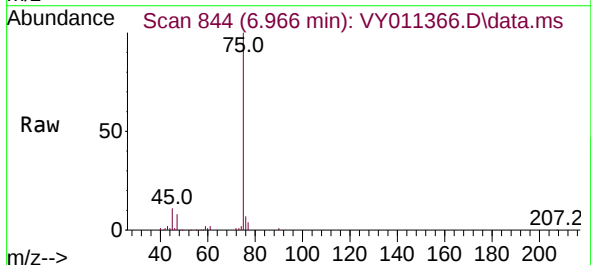
Instrument :
MSVOA_Y
ClientSampleId :

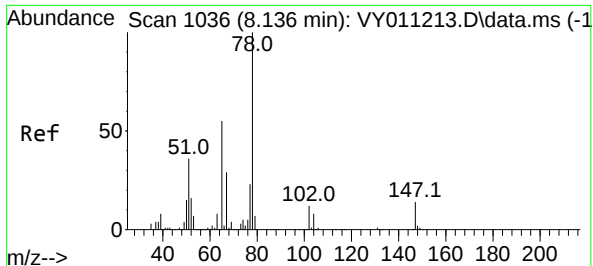
Tgt Ion: 43 Resp: 2178
Ion Ratio Lower Upper
43 100
72 21.9 17.7 26.5



#26
2,2-Dichloropropane
Concen: 1.101 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY011366.D
Acq: 08 Nov 2022 16:49

Tgt Ion: 77 Resp: 3537
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#

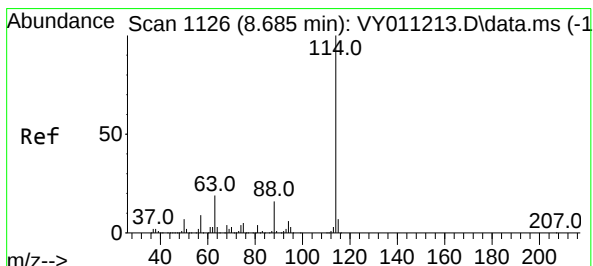
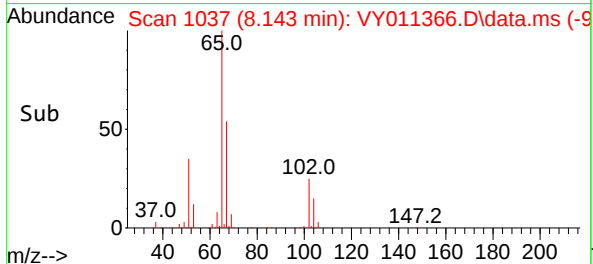
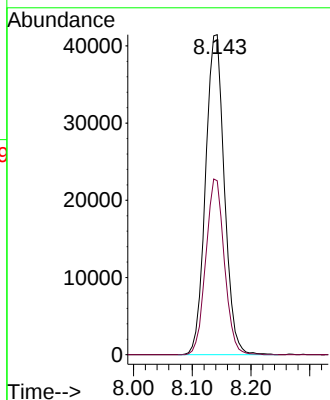
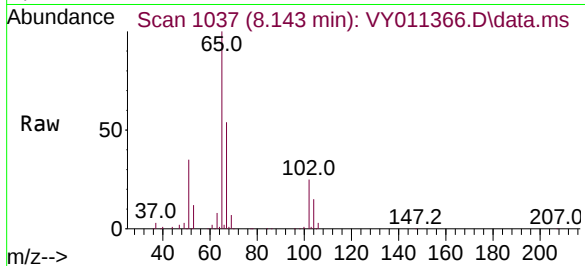




#33
 1,2-Dichloroethane-d4
 Concen: 52.532 ug/l
 RT: 8.143 min Scan# 1036
 Delta R.T. 0.007 min
 Lab File: VY011366.D
 Acq: 08 Nov 2022 16:49

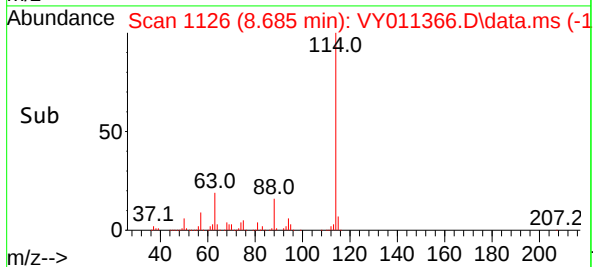
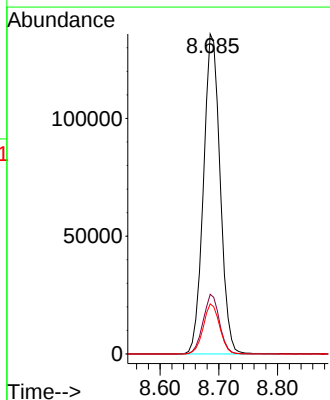
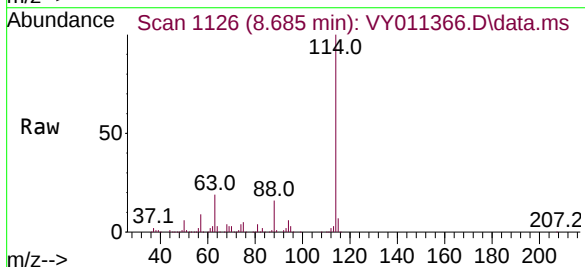
Instrument :
 MSVOA_Y
 ClientSampleId :

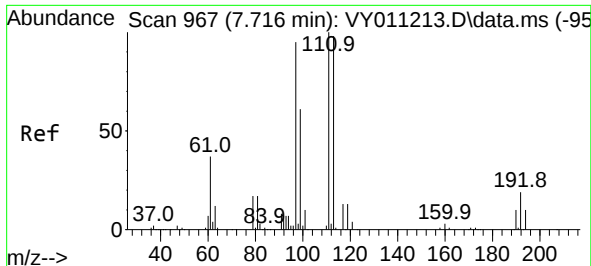
Tgt Ion: 65 Resp: 92252
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY011366.D
 Acq: 08 Nov 2022 16:49

Tgt Ion: 114 Resp: 267795
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 43.2
 88 15.7 0.0 31.8

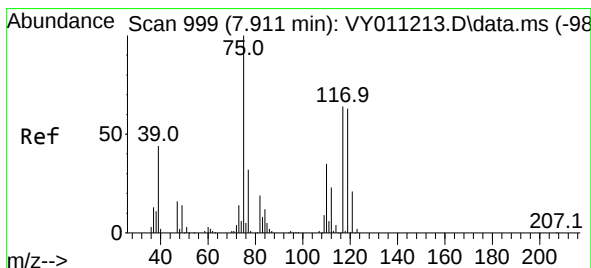
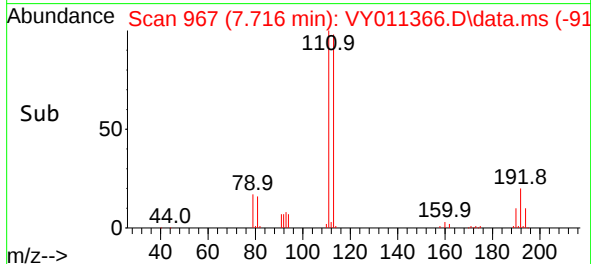
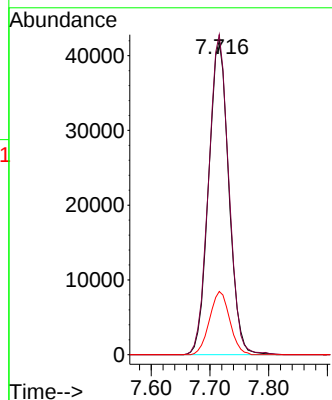
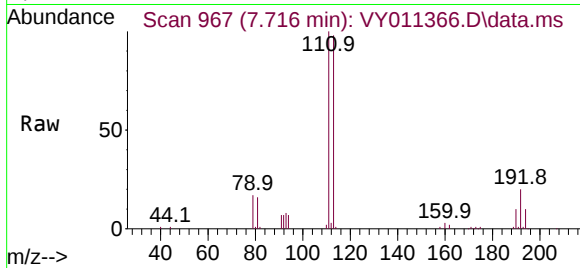




#35
Dibromofluoromethane
Concen: 58.128 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011366.D
Acq: 08 Nov 2022 16:49

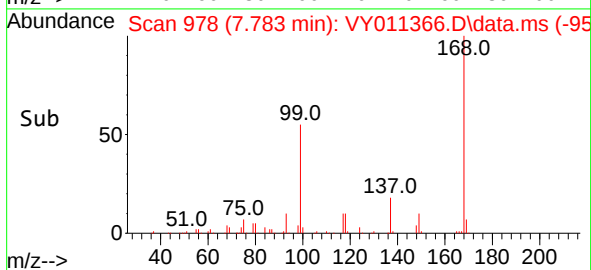
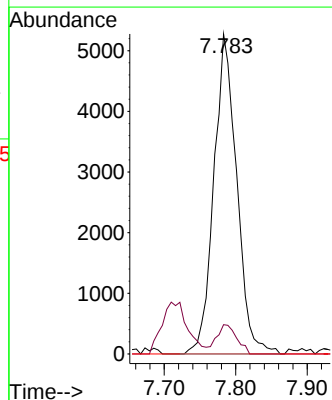
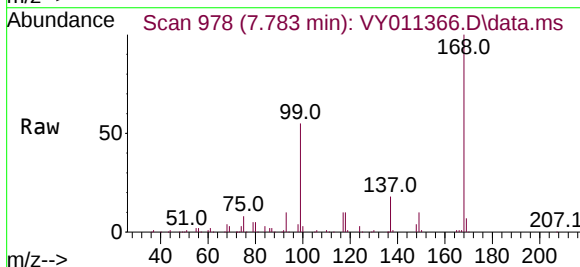
Instrument :
MSVOA_Y
ClientSampleId :

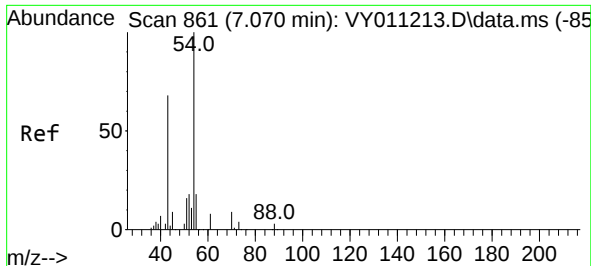
Tgt Ion:113 Resp: 100014
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 20.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.181 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011366.D
Acq: 08 Nov 2022 16:49

Tgt Ion: 75 Resp: 11748
Ion Ratio Lower Upper
75 100
110 8.1 17.1 51.2#
77 0.0 24.4 36.6#

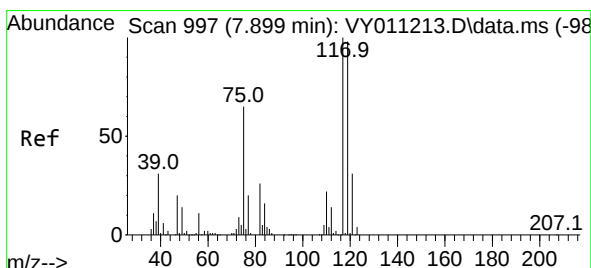
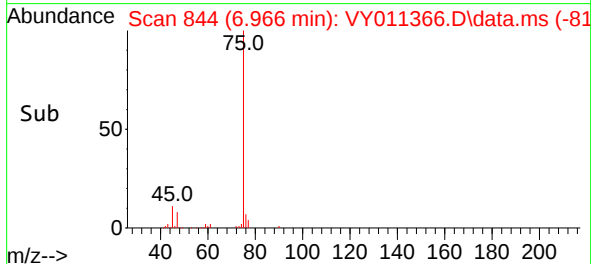
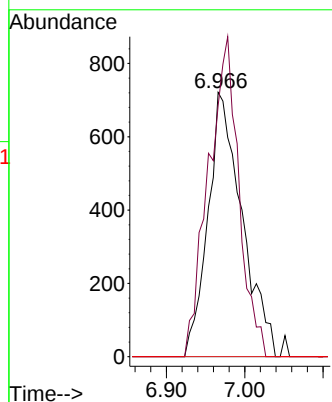
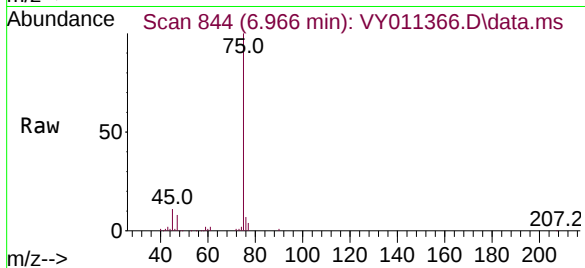




#37
Ethyl Acetate
Concen: 1.438 ug/l
RT: 6.966 min Scan# 841
Delta R.T. -0.104 min
Lab File: VY011366.D
Acq: 08 Nov 2022 16:49

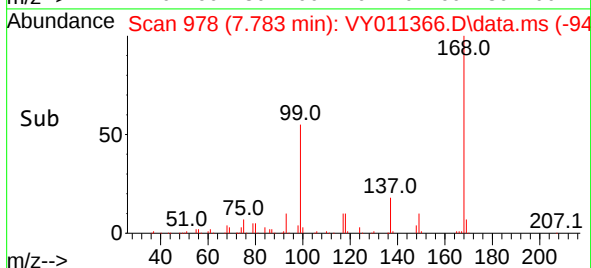
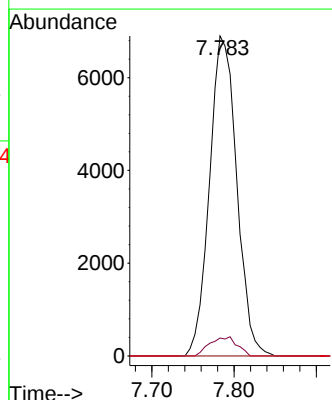
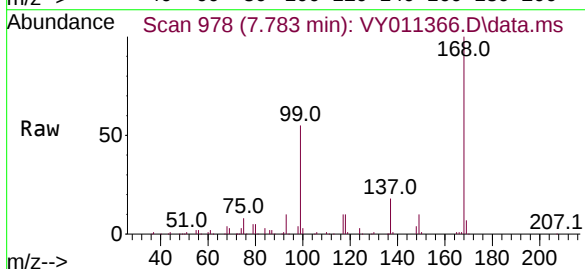
Instrument :
MSVOA_Y
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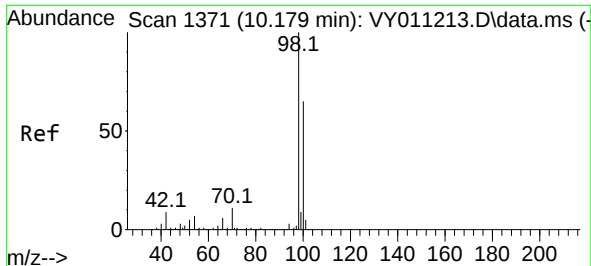
Tgt Ion: 43 Resp: 2178
Ion Ratio Lower Upper
43 100
61 108.3 9.7 14.5#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.447 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY011366.D
Acq: 08 Nov 2022 16:49

Tgt Ion: 117 Resp: 15878
Ion Ratio Lower Upper
117 100
119 5.6 77.9 116.9#
121 0.0 24.8 37.2#

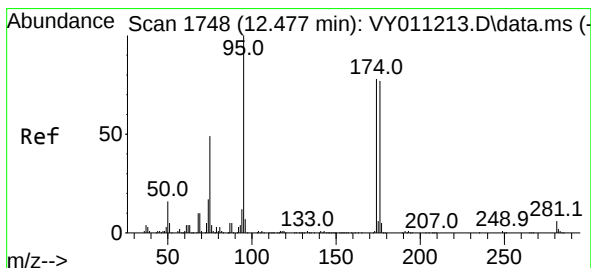
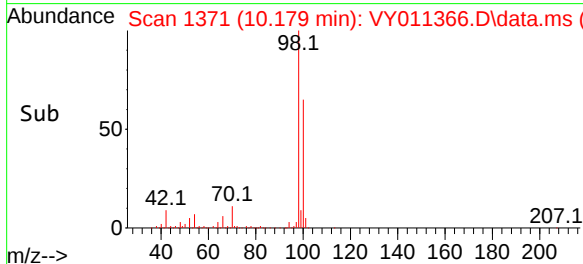
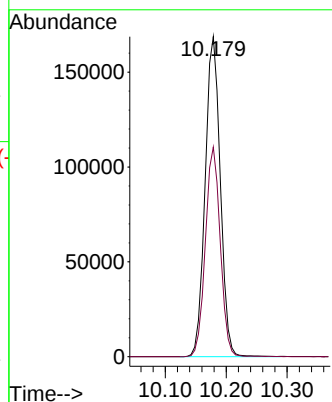
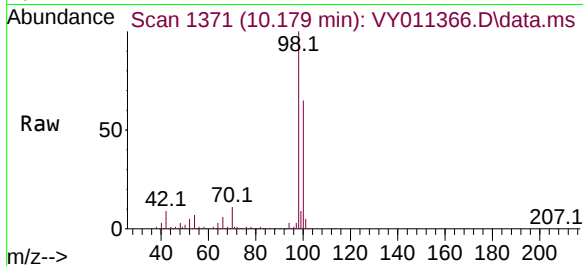




#50
Toluene-d8
Concen: 43.606 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011366.D
Acq: 08 Nov 2022 16:49

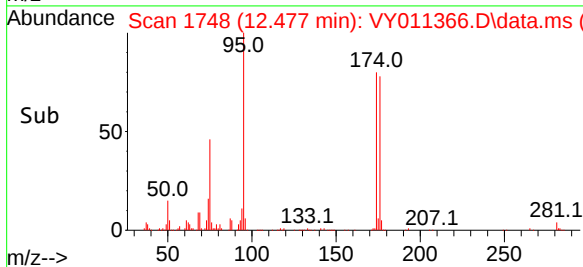
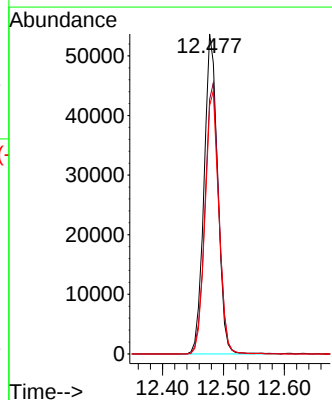
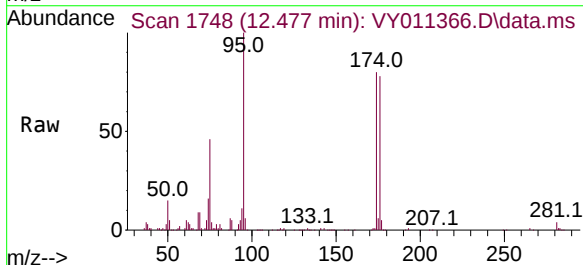
Instrument :
MSVOA_Y
ClientSampleId :

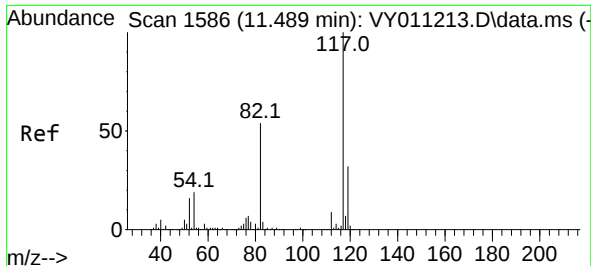
Tgt Ion: 98 Resp: 291302
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.949 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011366.D
Acq: 08 Nov 2022 16:49

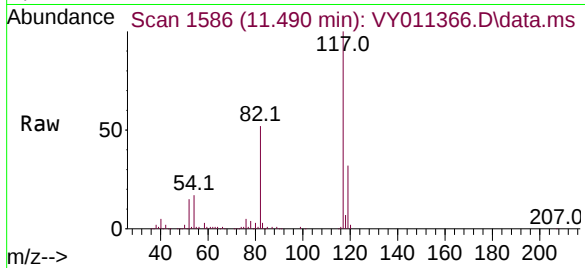
Tgt Ion: 95 Resp: 83371
Ion Ratio Lower Upper
95 100
174 86.4 0.0 177.0
176 82.9 0.0 175.8



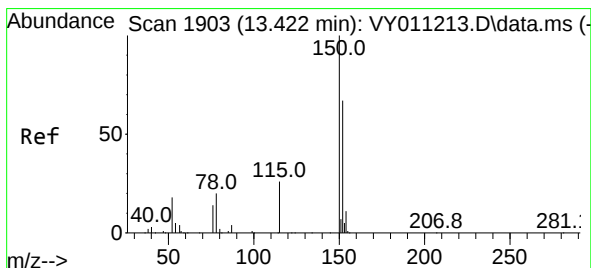
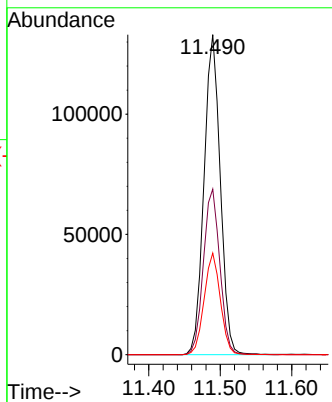
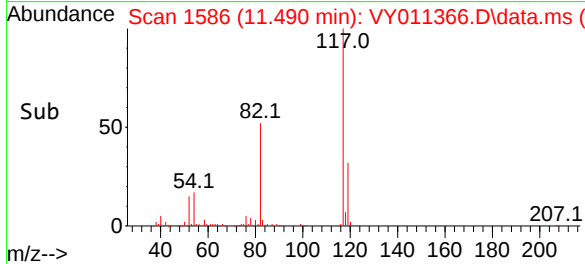


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011366.D
Acq: 08 Nov 2022 16:49

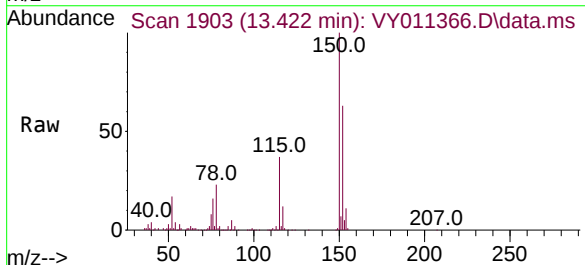
Instrument :
MSVOA_Y
ClientSampleId :



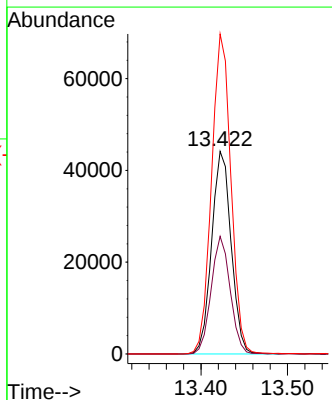
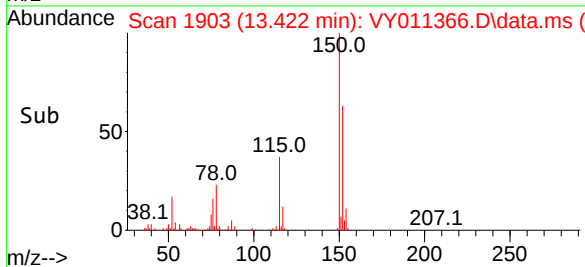
Tgt Ion:117 Resp: 210410
Ion Ratio Lower Upper
117 100
82 51.7 43.0 64.4
119 31.8 25.4 38.0

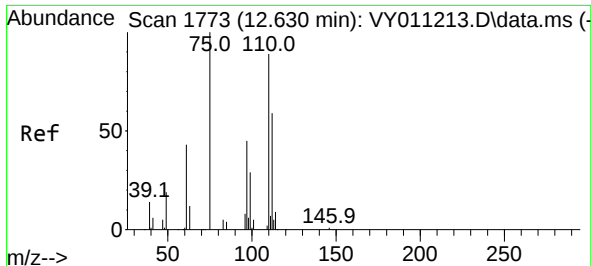


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011366.D
Acq: 08 Nov 2022 16:49



Tgt Ion:152 Resp: 69136
Ion Ratio Lower Upper
152 100
115 56.5 28.2 84.7
150 156.9 0.0 347.6

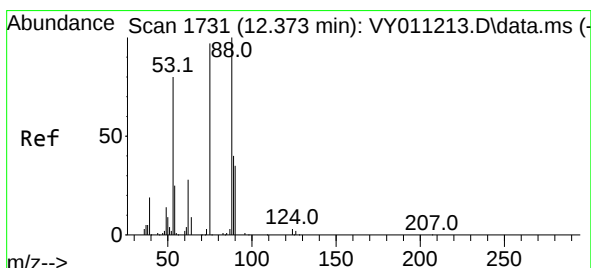
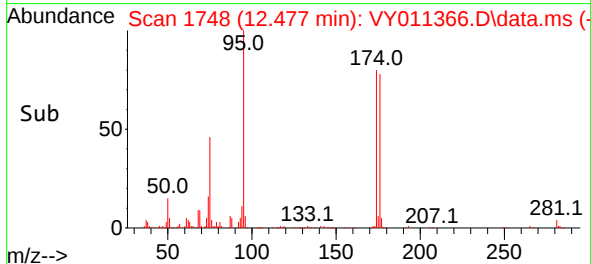
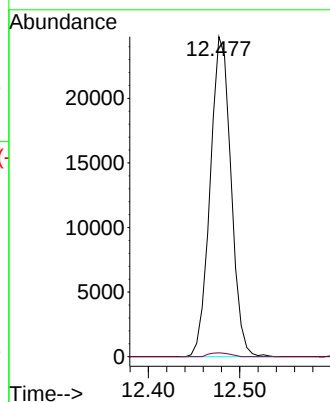
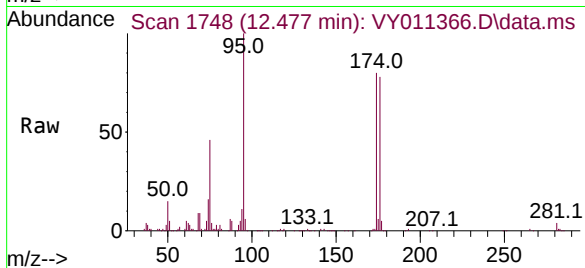




#76
1,2,3-Trichloropropane
Concen: 46.569 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011366.D
Acq: 08 Nov 2022 16:49

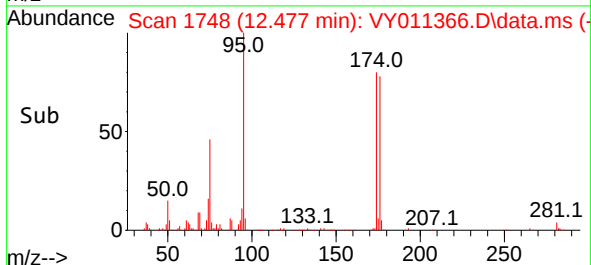
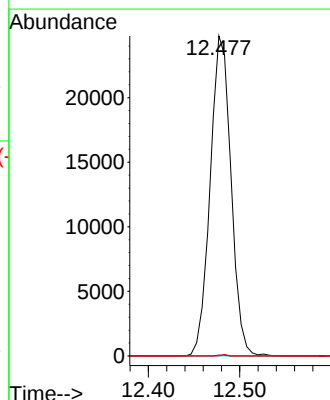
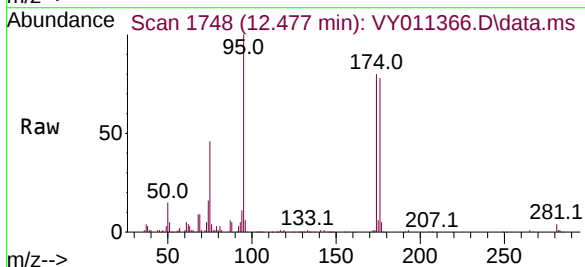
Instrument :
MSVOA_Y
ClientSampleId :

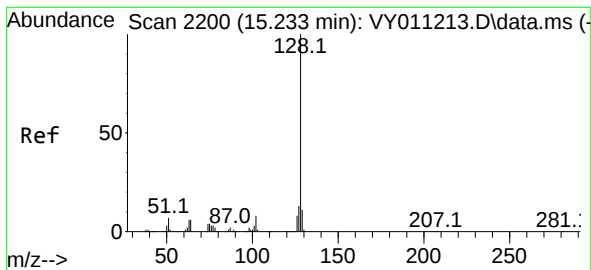
Tgt Ion: 75 Resp: 39196
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.664 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011366.D
Acq: 08 Nov 2022 16:49

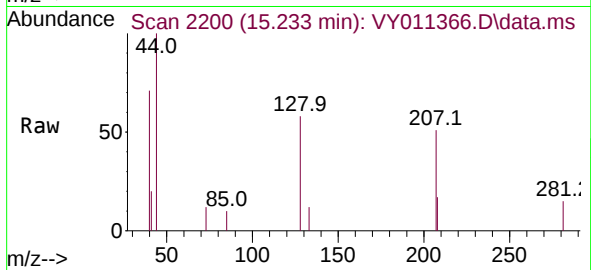
Tgt Ion: 75 Resp: 39196
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#





#95
Naphthalene
Concen: 4.145 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY011366.D
Acq: 08 Nov 2022 16:49

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 589
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

