

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110822\
 Data File : VY011370.D
 Acq On : 08 Nov 2022 18:19
 Operator : KP/MD
 Sample : N5436-10
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 03:34:35 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)

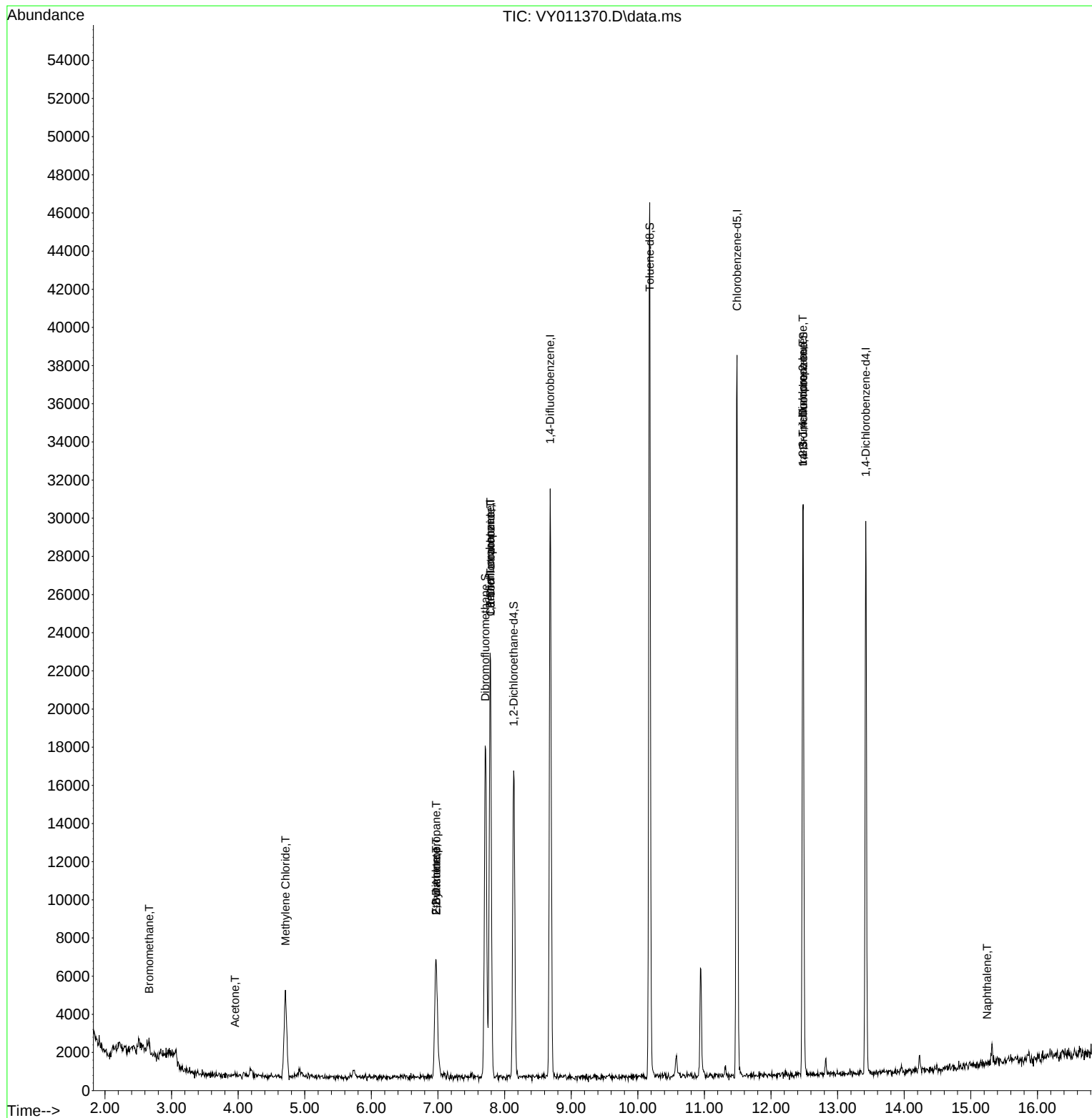
Internal Standards						
1) Pentafluorobenzene	7.783	168	18224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	27962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	23232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	8144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	13130	67.366	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.740%	
35) Dibromofluoromethane	7.710	113	13075	72.778	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 145.560%	
50) Toluene-d8	10.179	98	32993	47.300	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.600%	
62) 4-Bromofluorobenzene	12.483	95	9605	39.665	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 79.320%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	192	1.275	ug/l #	66
11) Tert butyl alcohol	4.930	59	225	Below Cal	#	77
16) Acetone	3.954	43	126	2.142	ug/l #	47
20) Methylene Chloride	4.710	84	3607	11.076	ug/l #	72
25) 2-Butanone	6.972	43	303	3.660	ug/l #	54
26) 2,2-Dichloropropane	6.972	77	502	1.408	ug/l #	55
36) 1,1-Dichloropropene	7.789	75	1303	4.441	ug/l #	49
37) Ethyl Acetate	6.972	43	303	1.916	ug/l #	1
38) Carbon Tetrachloride	7.789	117	1646	5.408	ug/l #	11
76) 1,2,3-Trichloropropane	12.477	75	4458	44.964	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	4458	96.228	ug/l #	7
95) Naphthalene	15.245	128	21	4.022	ug/l #	69

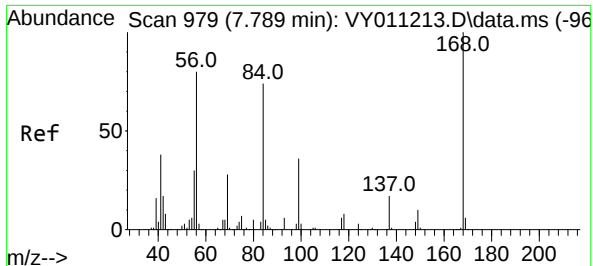
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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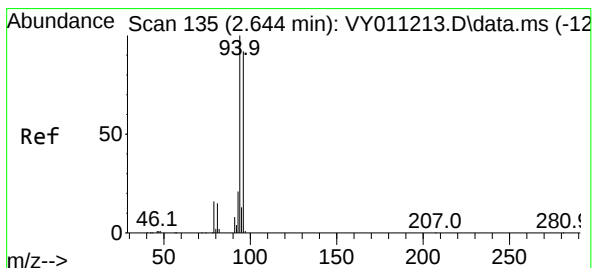
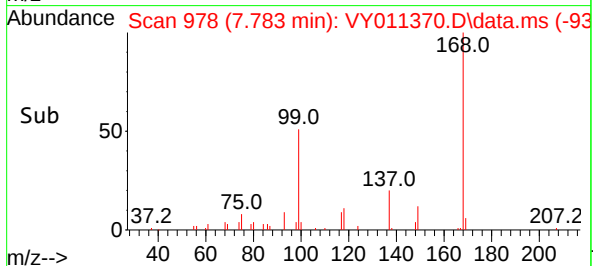
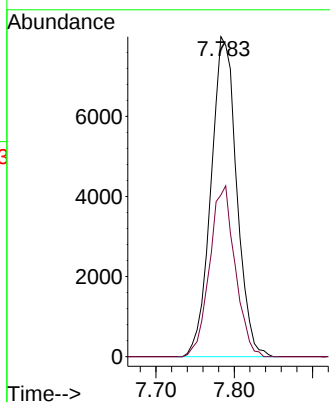
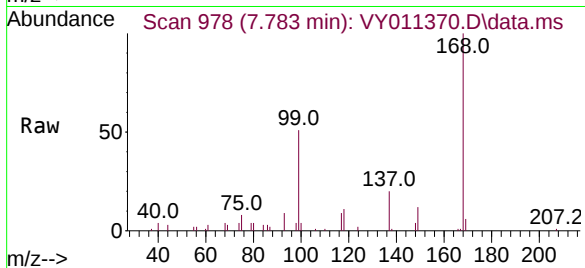




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011370.D
Acq: 08 Nov 2022 18:19

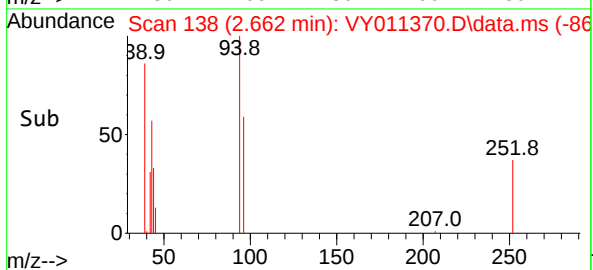
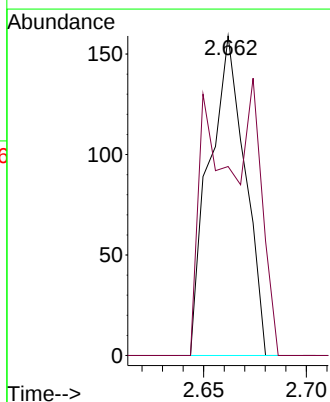
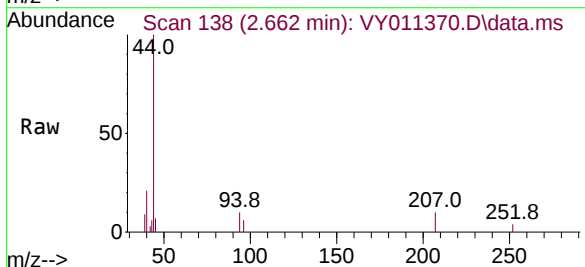
Instrument :
MSVOA_Y
ClientSampleId :

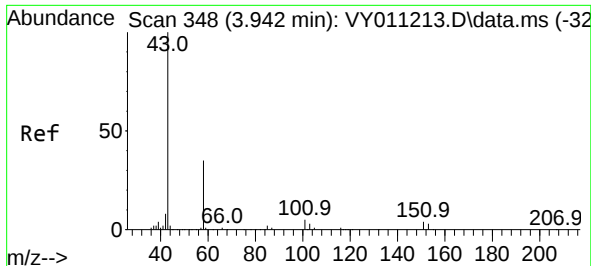
Tgt Ion:168 Resp: 18224
Ion Ratio Lower Upper
168 100
99 50.5 46.9 70.3



#5
Bromomethane
Concen: 1.275 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.018 min
Lab File: VY011370.D
Acq: 08 Nov 2022 18:19

Tgt Ion: 94 Resp: 192
Ion Ratio Lower Upper
94 100
96 59.1 73.5 110.3#

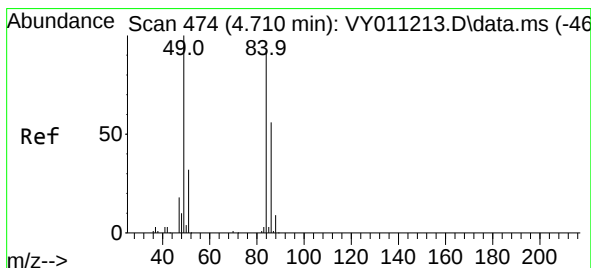
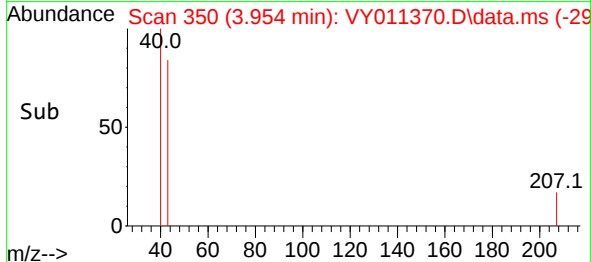
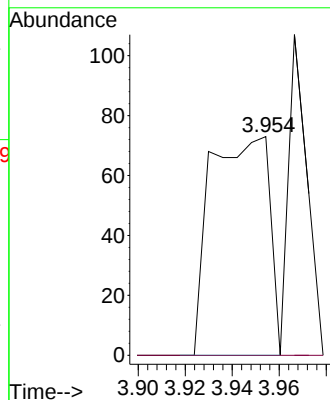
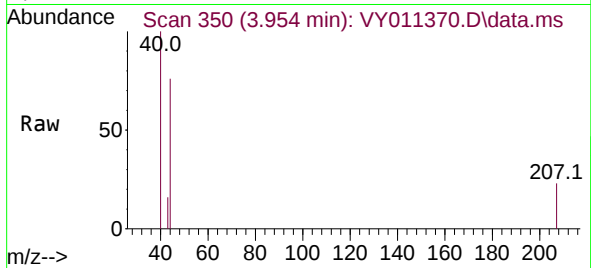




#16
Acetone
Concen: 2.142 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY011370.D
Acq: 08 Nov 2022 18:19

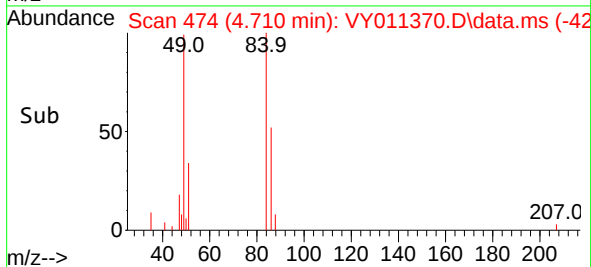
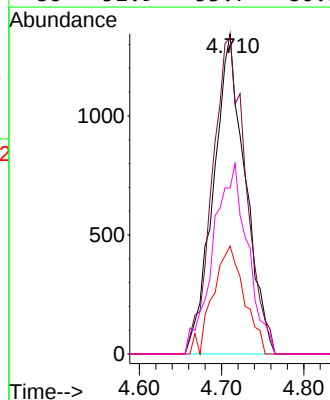
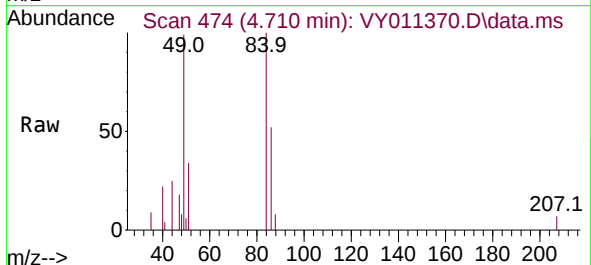
Instrument :
MSVOA_Y
ClientSampleId :

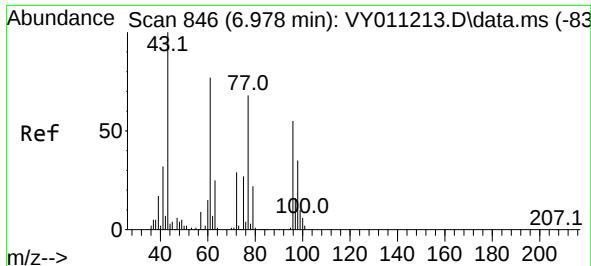
Tgt Ion: 43 Resp: 126
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: 11.076 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011370.D
Acq: 08 Nov 2022 18:19

Tgt Ion: 84 Resp: 3607
Ion Ratio Lower Upper
84 100
49 99.1 114.4 171.6#
51 33.7 35.3 52.9#
86 51.9 53.7 80.5#

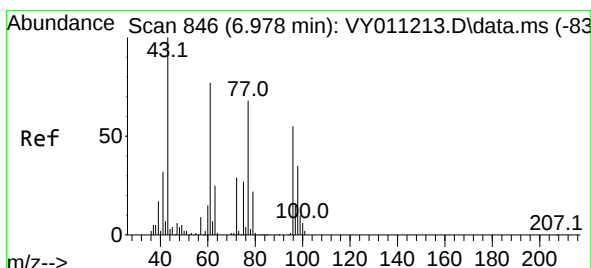
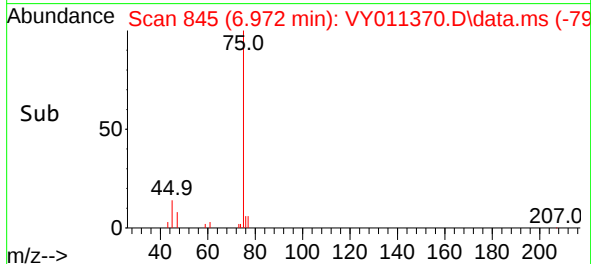
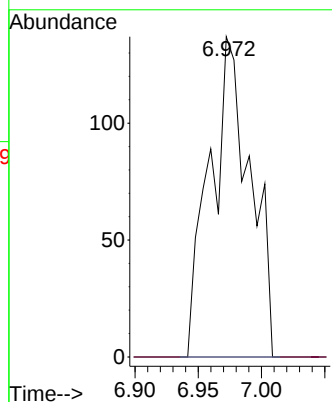
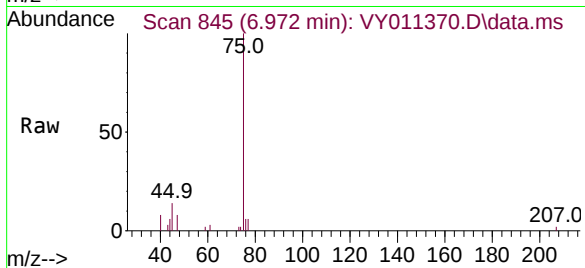




#25
2-Butanone
Concen: 3.660 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY011370.D
Acq: 08 Nov 2022 18:19

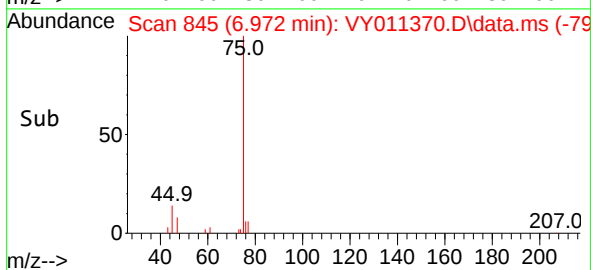
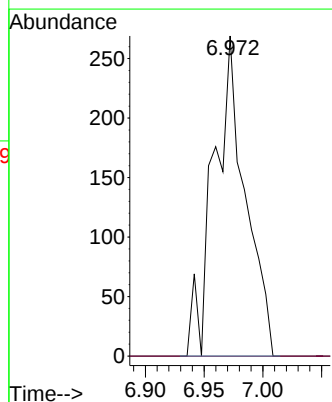
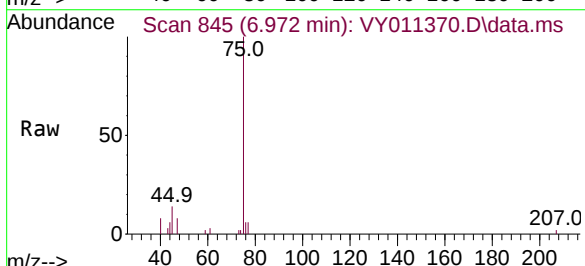
Instrument :
MSVOA_Y
ClientSampleId :

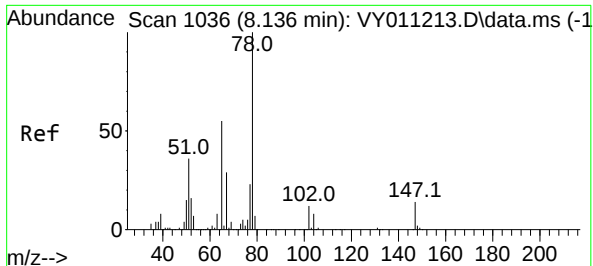
Tgt Ion: 43 Resp: 303
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 1.408 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY011370.D
Acq: 08 Nov 2022 18:19

Tgt Ion: 77 Resp: 502
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#





#33

1,2-Dichloroethane-d4

Concen: 67.366 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011370.D

Acq: 08 Nov 2022 18:19

Instrument :

MSVOA_Y

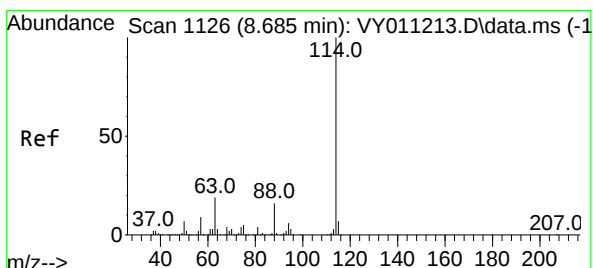
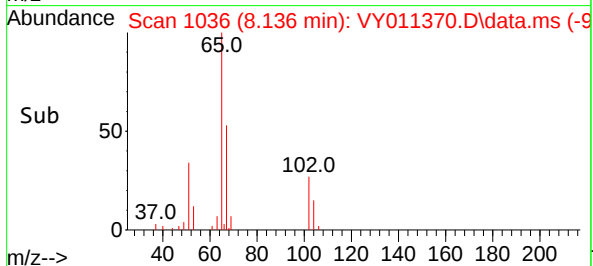
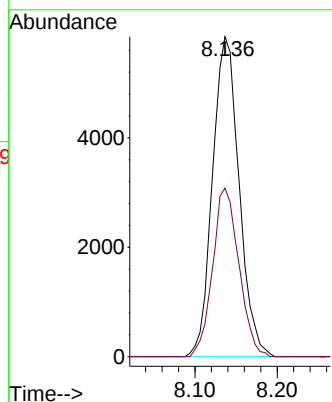
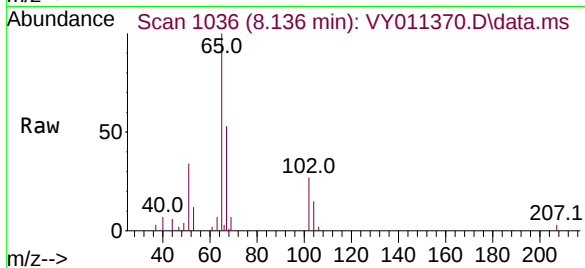
ClientSampleId :

Tgt Ion: 65 Resp: 13130

Ion Ratio Lower Upper

65 100

67 52.1 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: VY011370.D

Acq: 08 Nov 2022 18:19

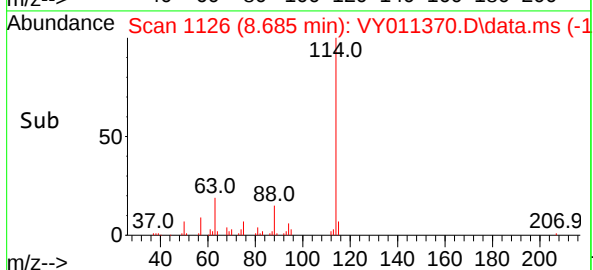
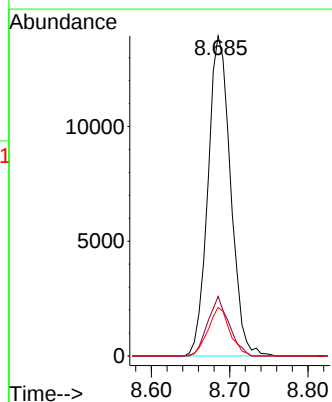
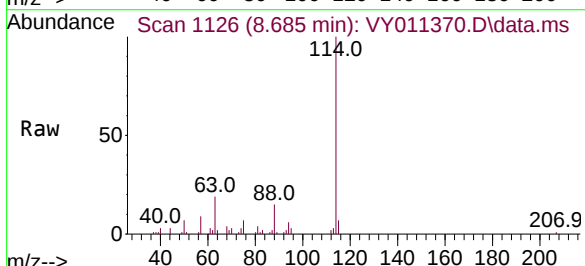
Tgt Ion: 114 Resp: 27962

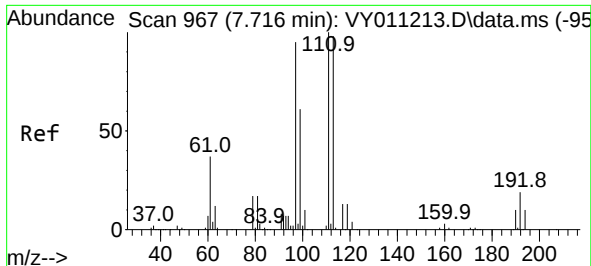
Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 15.2 0.0 31.8

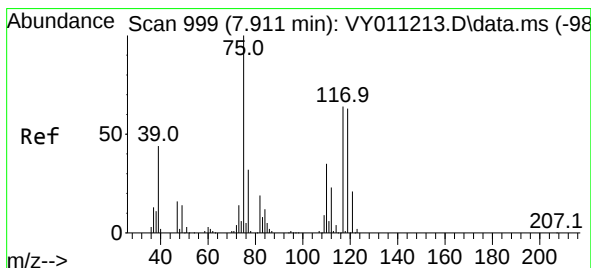
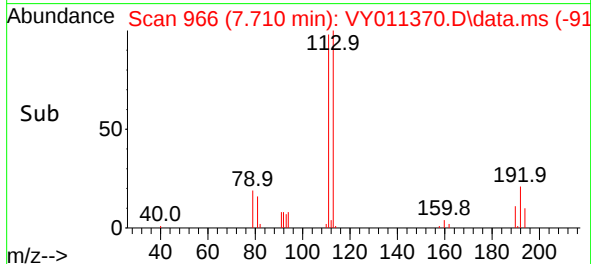
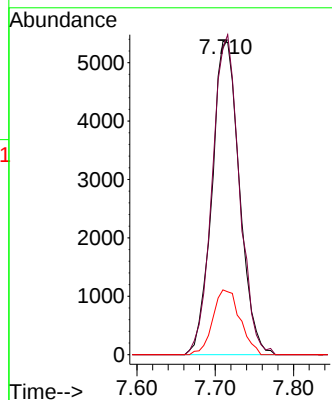
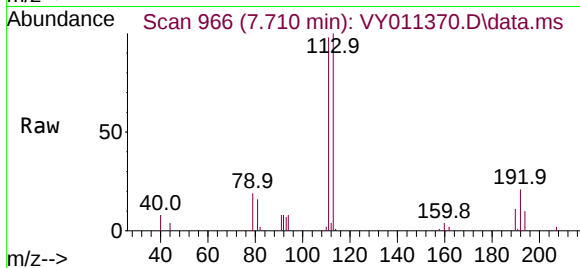




#35
Dibromofluoromethane
Concen: 72.778 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY011370.D
Acq: 08 Nov 2022 18:19

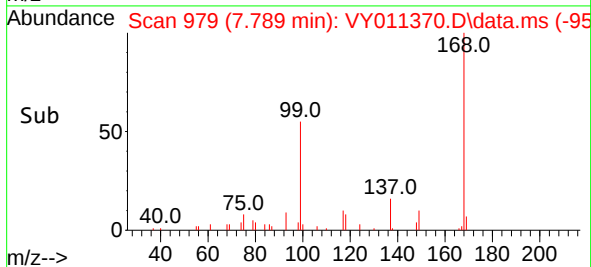
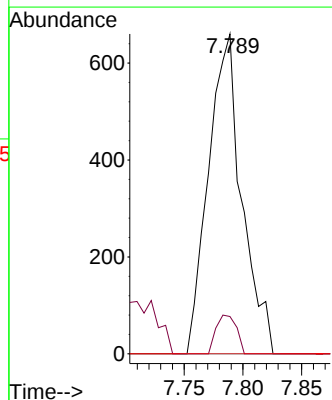
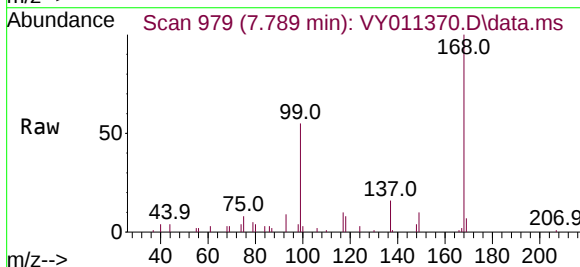
Instrument :
MSVOA_Y
ClientSampleId :

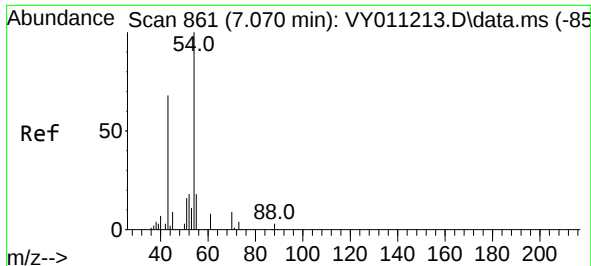
Tgt Ion:113 Resp: 13075
Ion Ratio Lower Upper
113 100
111 100.7 82.6 124.0
192 20.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.441 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY011370.D
Acq: 08 Nov 2022 18:19

Tgt Ion: 75 Resp: 1303
Ion Ratio Lower Upper
75 100
110 7.4 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.916 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.098 min

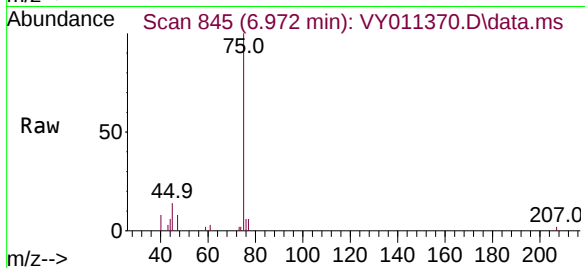
Lab File: VY011370.D

Acq: 08 Nov 2022 18:19

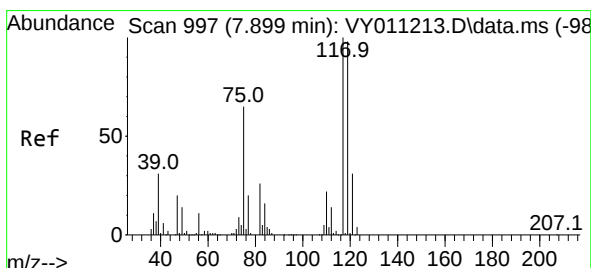
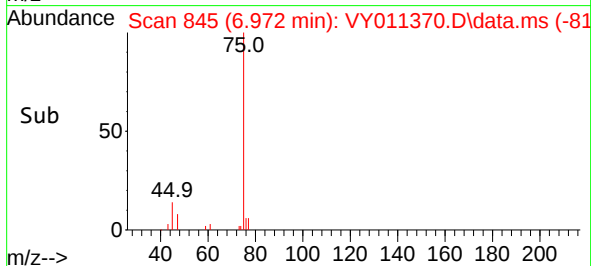
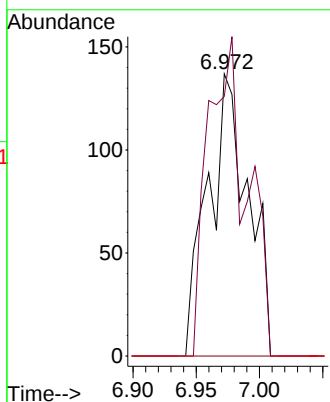
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	303
Ion	Ratio	Lower	Upper
43	100		
61	109.2	9.7	14.5#
70	0.0	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 5.408 ug/l

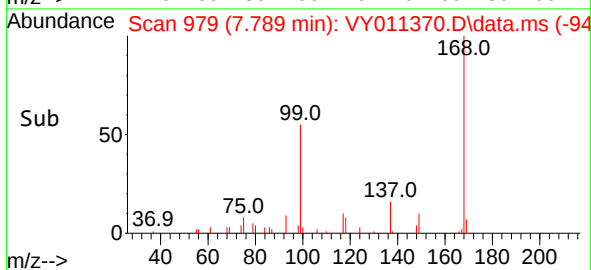
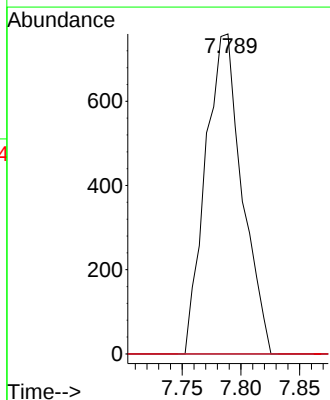
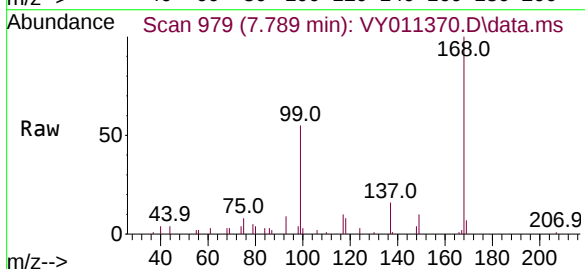
RT: 7.789 min Scan# 979

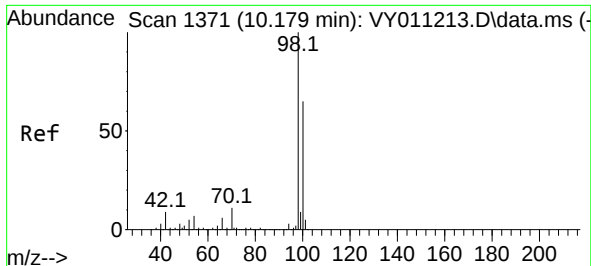
Delta R.T. -0.110 min

Lab File: VY011370.D

Acq: 08 Nov 2022 18:19

Tgt Ion:	117	Resp:	1646
Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.9	116.9#
121	0.0	24.8	37.2#

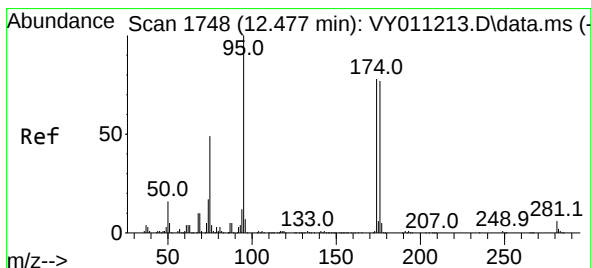
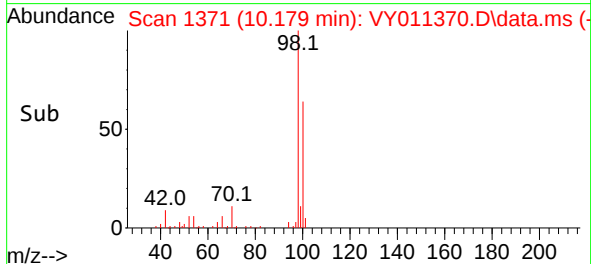
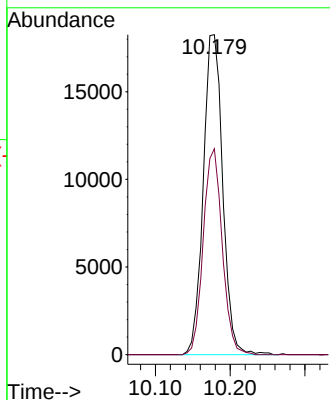
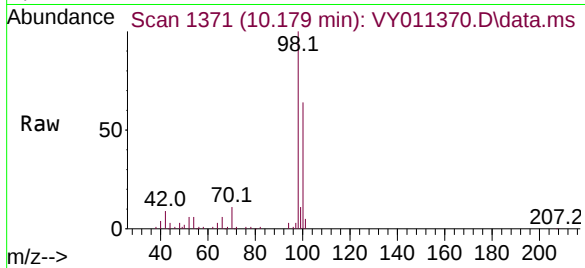




#50
Toluene-d8
Concen: 47.300 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011370.D
Acq: 08 Nov 2022 18:19

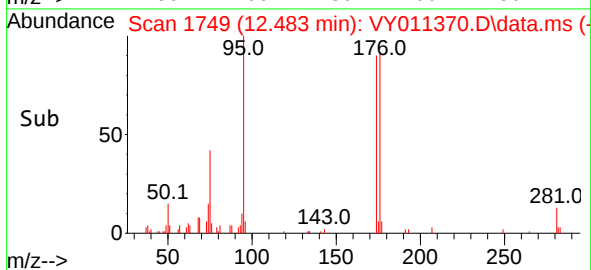
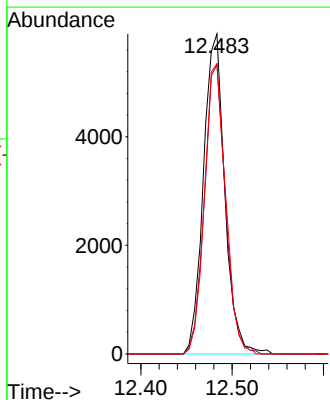
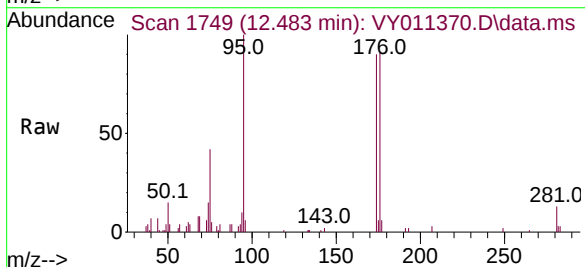
Instrument :
MSVOA_Y
ClientSampleId :

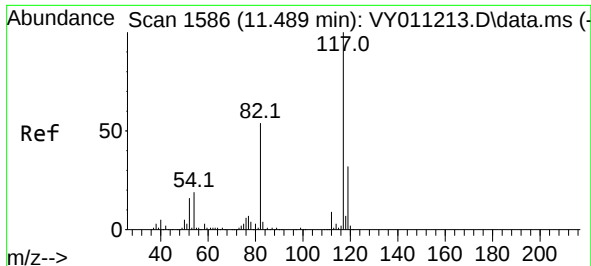
Tgt Ion: 98 Resp: 32993
Ion Ratio Lower Upper
98 100
100 62.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.665 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011370.D
Acq: 08 Nov 2022 18:19

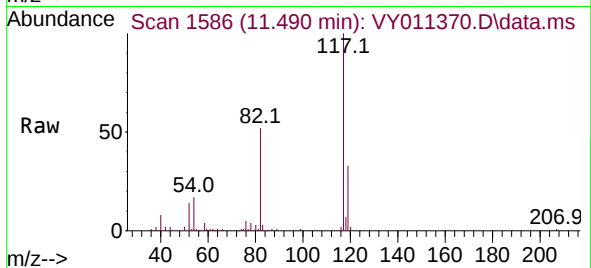
Tgt Ion: 95 Resp: 9605
Ion Ratio Lower Upper
95 100
174 89.0 0.0 177.0
176 89.5 0.0 175.8



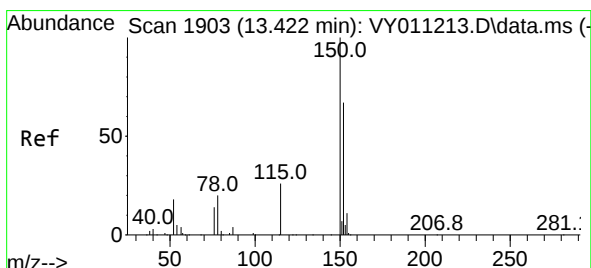
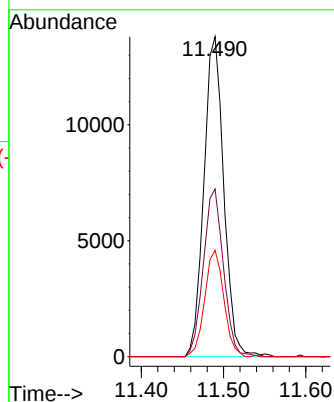
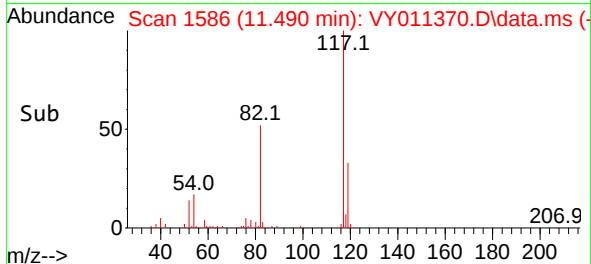


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011370.D
Acq: 08 Nov 2022 18:19

Instrument :
MSVOA_Y
ClientSampleId :

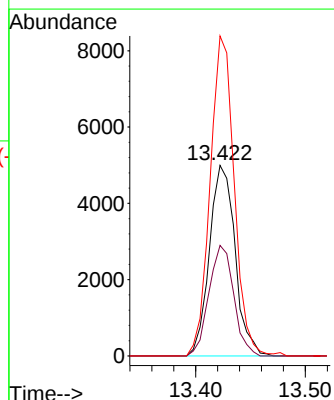
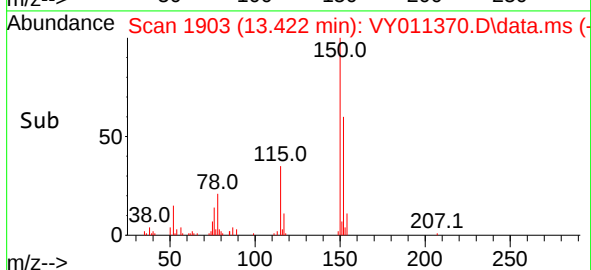
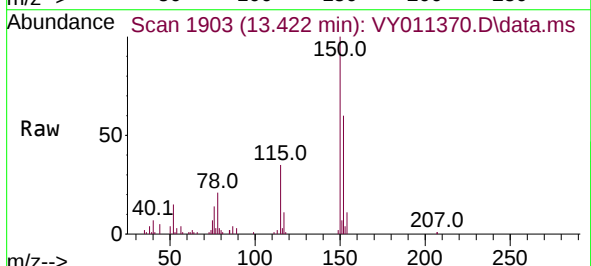


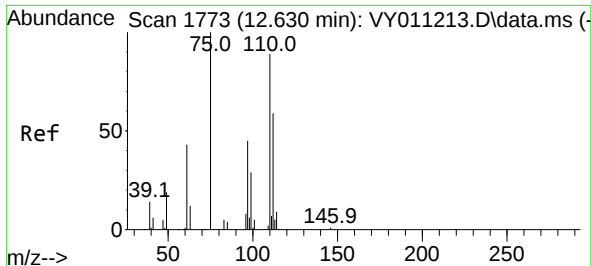
Tgt Ion:117 Resp: 23232
Ion Ratio Lower Upper
117 100
82 52.4 43.0 64.4
119 33.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011370.D
Acq: 08 Nov 2022 18:19

Tgt Ion:152 Resp: 8144
Ion Ratio Lower Upper
152 100
115 55.9 28.2 84.7
150 157.6 0.0 347.6

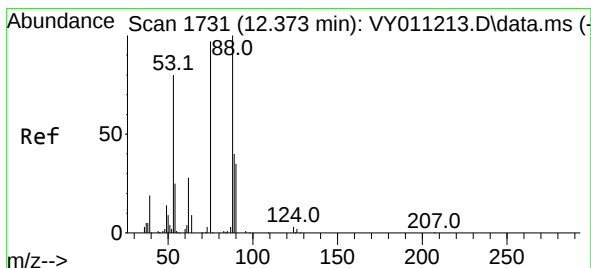
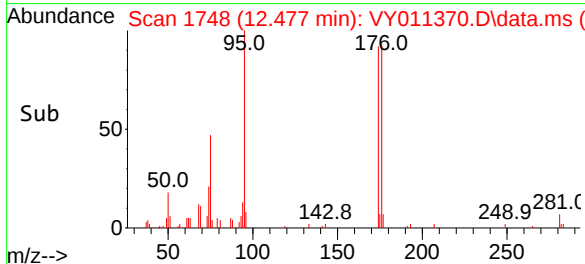
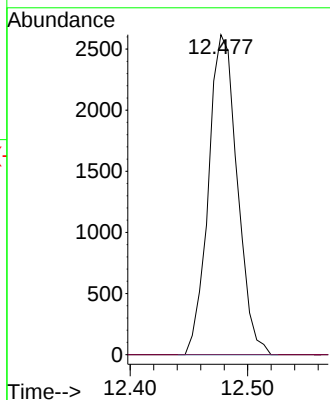
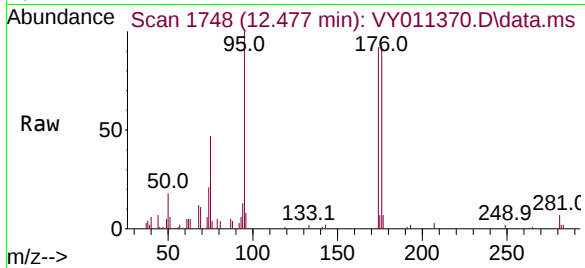




#76
1,2,3-Trichloropropane
Concen: 44.964 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011370.D
Acq: 08 Nov 2022 18:19

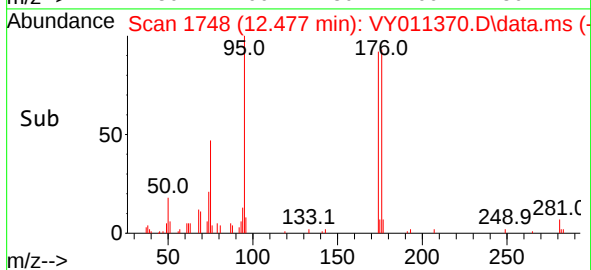
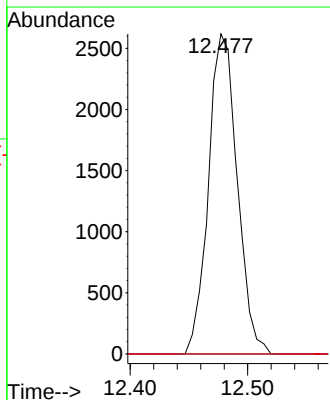
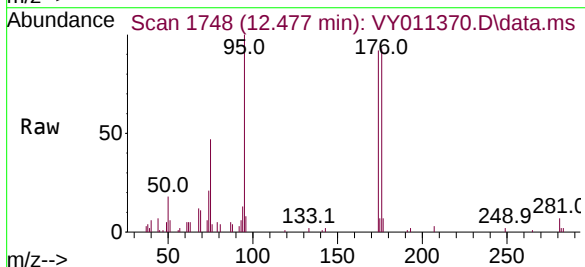
Instrument :
MSVOA_Y
ClientSampleId :

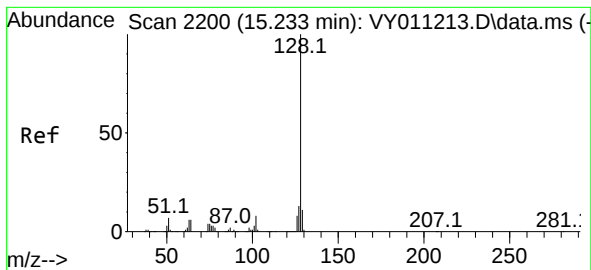
Tgt Ion: 75 Resp: 4458
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 96.228 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011370.D
Acq: 08 Nov 2022 18:19

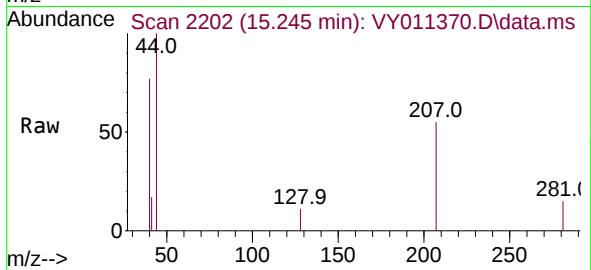
Tgt Ion: 75 Resp: 4458
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 4.022 ug/l
RT: 15.245 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY011370.D
Acq: 08 Nov 2022 18:19

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 21
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

