

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083121\
 Data File : VY005911.D
 Acq On : 31 Aug 2021 14:47
 Operator : SY/MD
 Sample : M3577-02RE
 Misc : 6.57G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 01 05:37:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

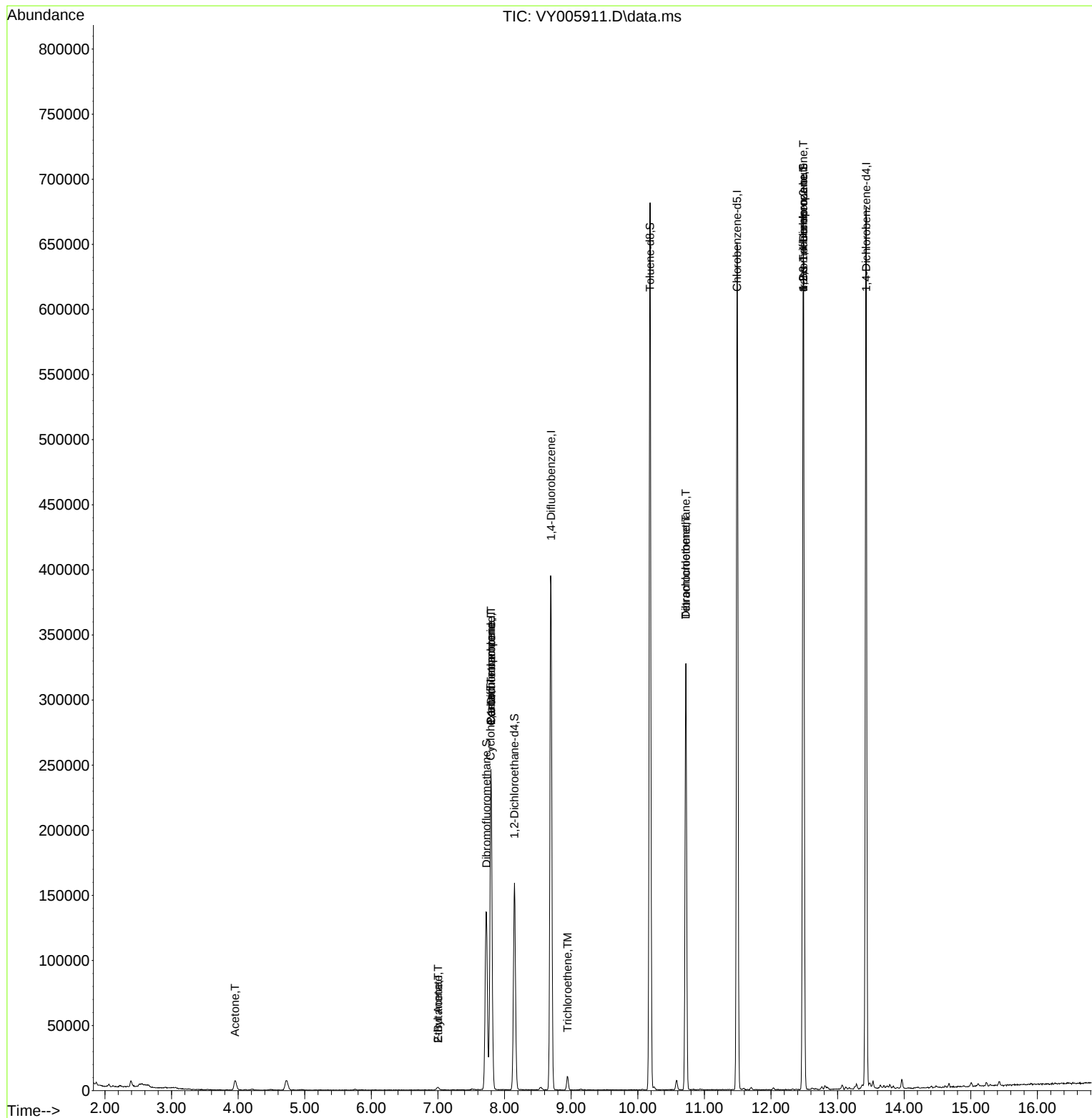
Internal Standards						
1) Pentafluorobenzene	7.795	168	200700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	346310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	358500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	175375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	127172	62.879	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.760%			
35) Dibromofluoromethane	7.728	113	94684	48.684	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.360%			
50) Toluene-d8	10.185	98	442866	54.257	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.520%			
62) 4-Bromofluorobenzene	12.483	95	154789	56.477	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.960%			
Target Compounds						
16) Acetone	3.954	43	13024	25.255	ug/l	92
20) Methylene Chloride	4.723	84	5940	Below Cal		94
25) 2-Butanone	7.003	43	3366	4.620	ug/l	93
31) Cyclohexane	7.789	56	3817	1.119	ug/l #	12
36) 1,1-Dichloropropene	7.795	75	13704	4.203	ug/l #	51
37) Ethyl Acetate	7.003	43	3366	1.724	ug/l #	69
38) Carbon Tetrachloride	7.795	117	18240	5.161	ug/l #	16
44) Trichloroethene	8.947	130	3681	1.425	ug/l	94
60) Dibromochloromethane	10.721	129	59715	26.106	ug/l #	11
64) Tetrachloroethene	10.721	164	75073	25.576	ug/l	97
76) 1,2,3-Trichloropropane	12.483	75	85984	52.383	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	85984	99.621	ug/l #	14

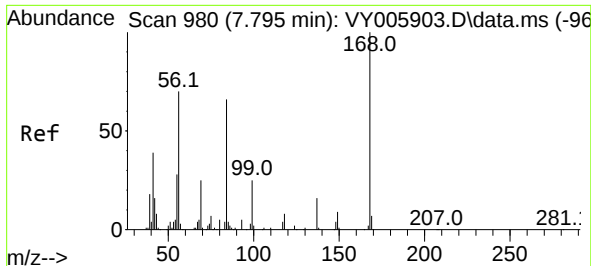
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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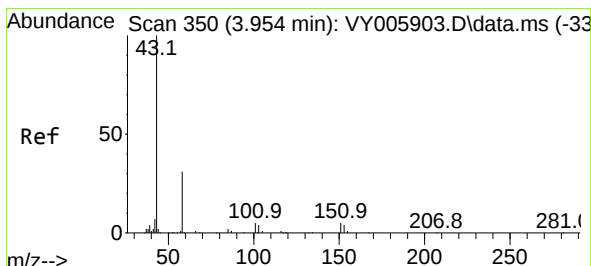
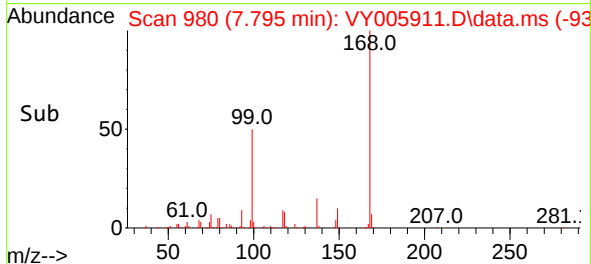
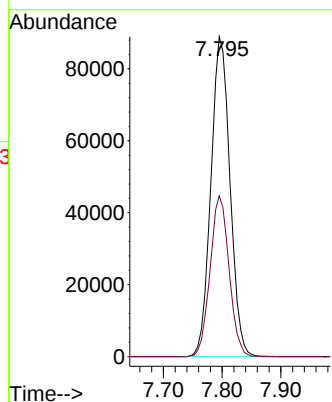
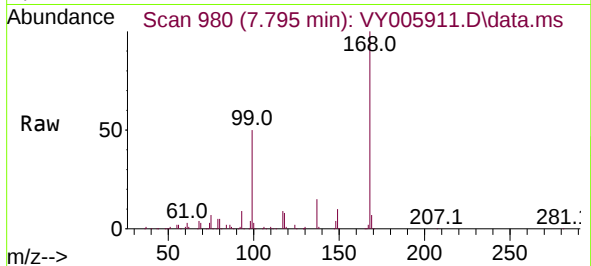




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005911.D
Acq: 31 Aug 2021 14:47

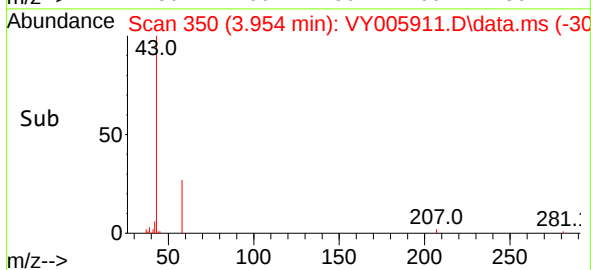
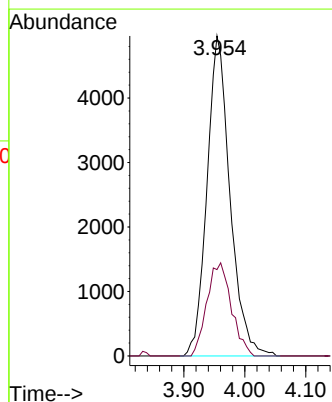
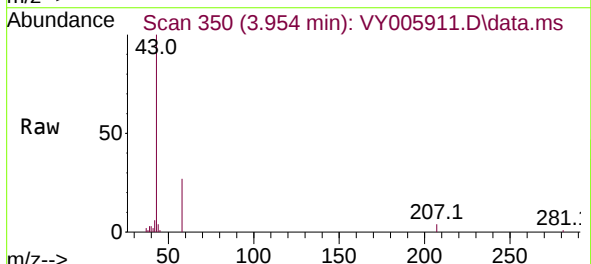
Instrument :
MSVOA_Y
ClientSampleId :

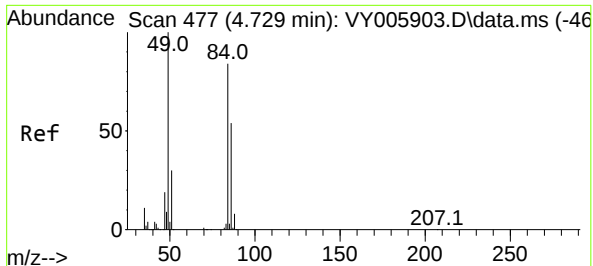
Tgt Ion:168 Resp: 200700
Ion Ratio Lower Upper
168 100
99 50.3 40.6 60.8



#16
Acetone
Concen: 25.255 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY005911.D
Acq: 31 Aug 2021 14:47

Tgt Ion: 43 Resp: 13024
Ion Ratio Lower Upper
43 100
58 27.0 25.1 37.7





#20

Methylene Chloride

Concen: Below Cal

RT: 4.723 min Scan# 476

Delta R.T. -0.006 min

Lab File: VY005911.D

Acq: 31 Aug 2021 14:47

Tgt Ion: 84 Resp: 5940

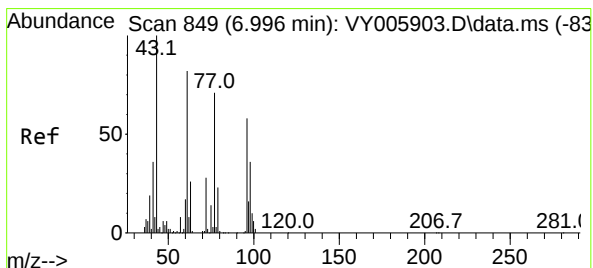
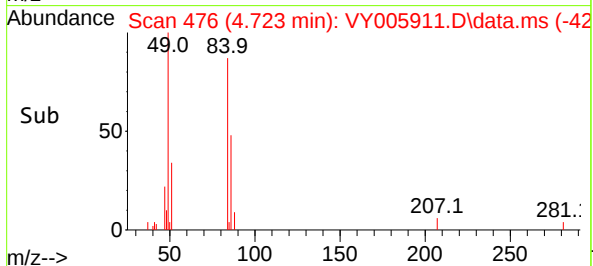
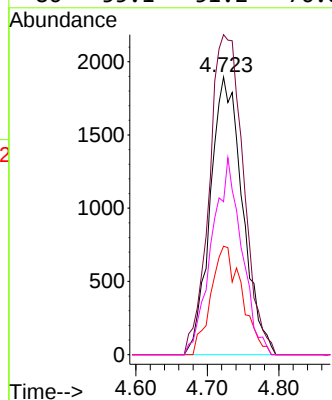
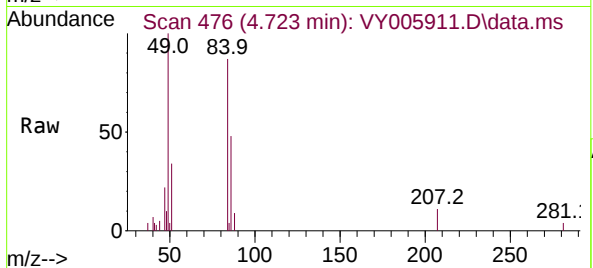
Ion Ratio Lower Upper

84 100

49 115.3 95.7 143.5

51 39.1 29.0 43.6

86 55.1 51.2 76.8



#25

2-Butanone

Concen: 4.620 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY005911.D

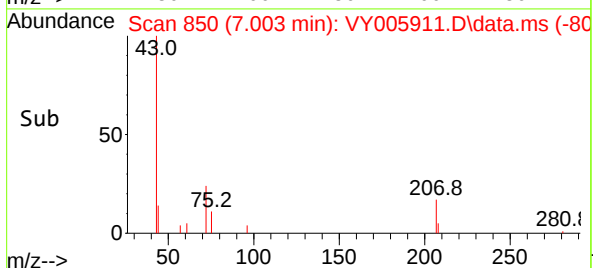
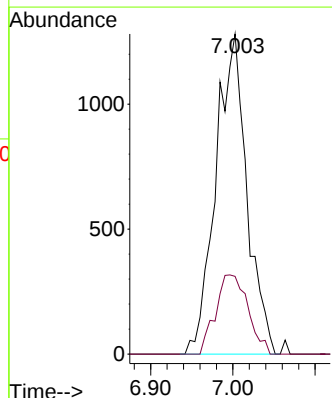
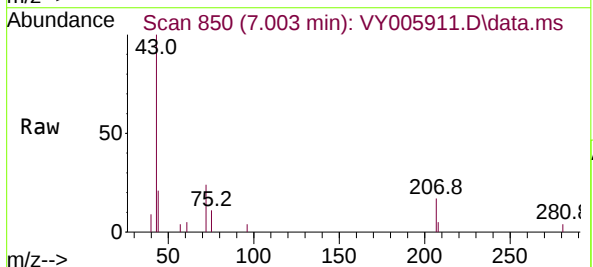
Acq: 31 Aug 2021 14:47

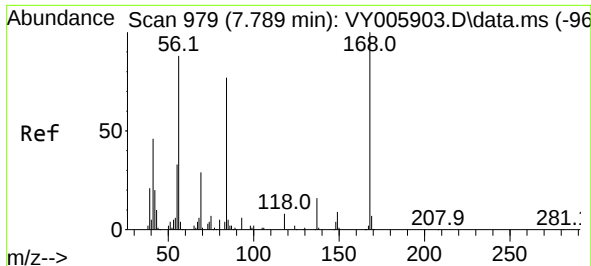
Tgt Ion: 43 Resp: 3366

Ion Ratio Lower Upper

43 100

72 24.3 22.3 33.5

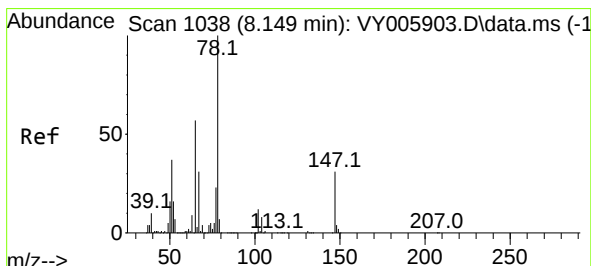
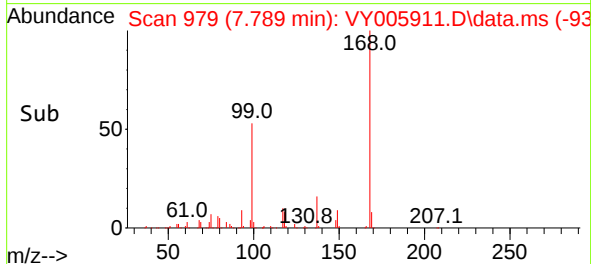
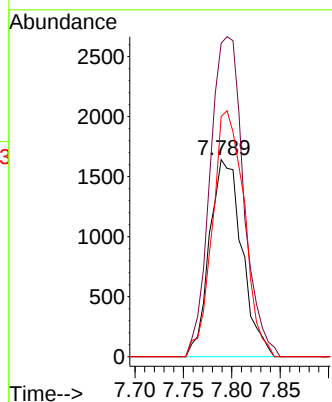
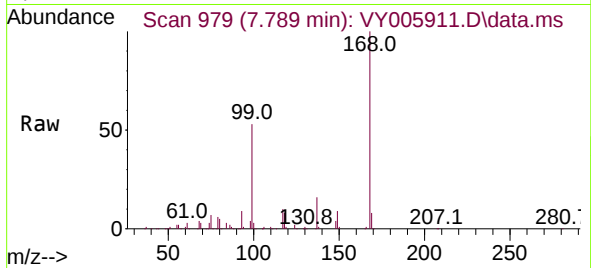




#31
Cyclohexane
Concen: 1.119 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY005911.D
Acq: 31 Aug 2021 14:47

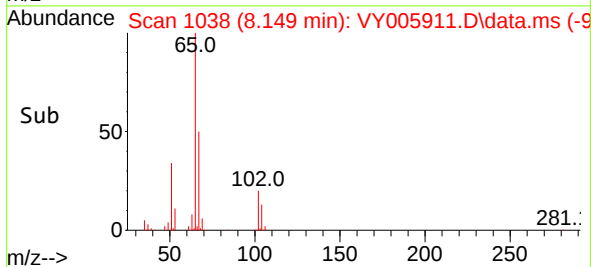
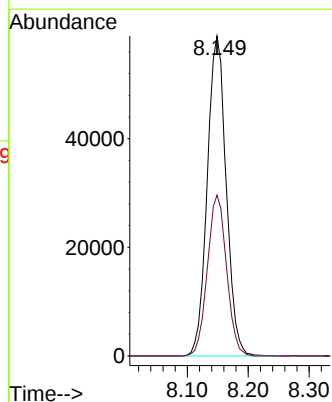
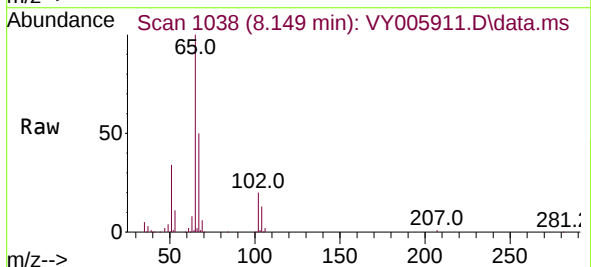
Instrument :
MSVOA_Y
ClientSampled :

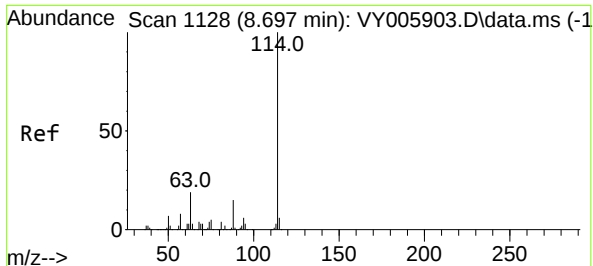
Tgt Ion: 56 Resp: 3817
Ion Ratio Lower Upper
56 100
69 159.2 26.3 39.5#
84 122.0 69.8 104.8#



#33
1,2-Dichloroethane-d4
Concen: 62.879 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005911.D
Acq: 31 Aug 2021 14:47

Tgt Ion: 65 Resp: 127172
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.4

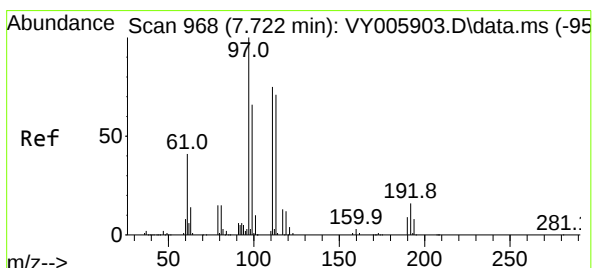
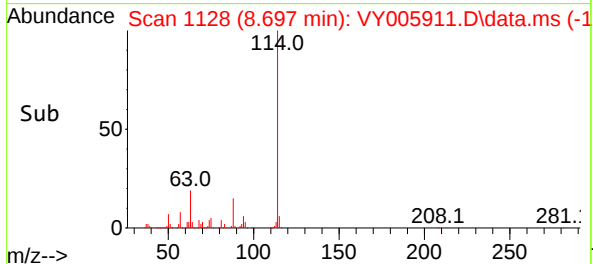
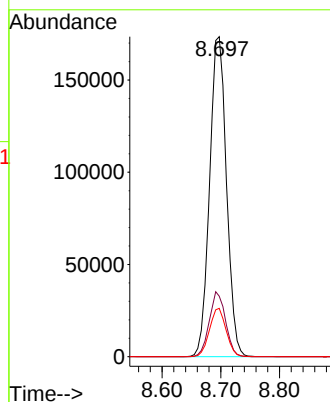
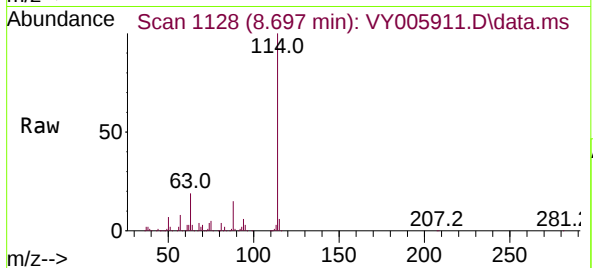




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005911.D
Acq: 31 Aug 2021 14:47

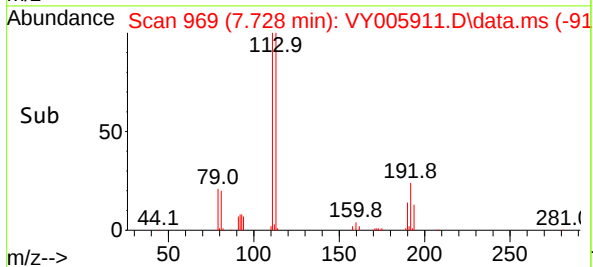
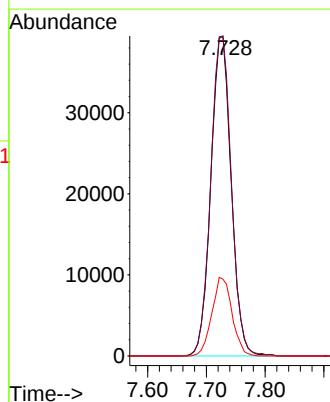
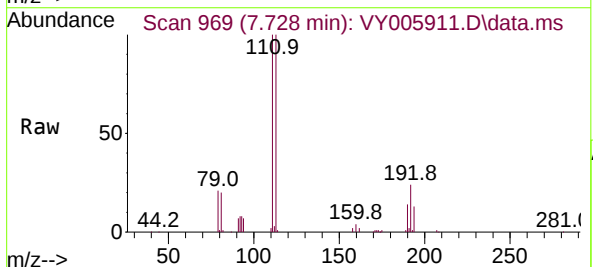
Instrument :
MSVOA_Y
ClientSampleId :

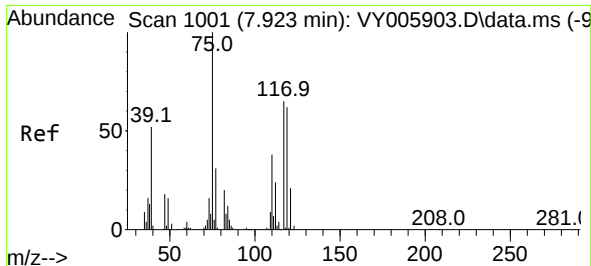
Tgt Ion:114 Resp: 346310
Ion Ratio Lower Upper
114 100
63 18.9 0.0 38.4
88 15.1 0.0 30.0



#35
Dibromofluoromethane
Concen: 48.684 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY005911.D
Acq: 31 Aug 2021 14:47

Tgt Ion:113 Resp: 94684
Ion Ratio Lower Upper
113 100
111 101.6 81.9 122.9
192 24.4 19.4 29.0





#36

1,1-Dichloropropene

Concen: 4.203 ug/l

RT: 7.795 min Scan# 980

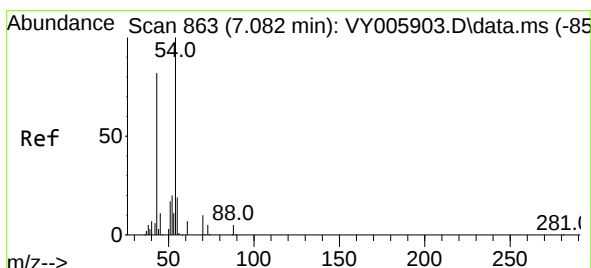
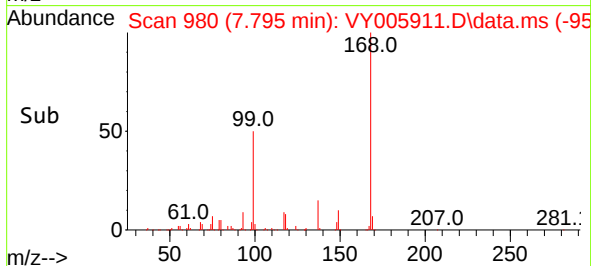
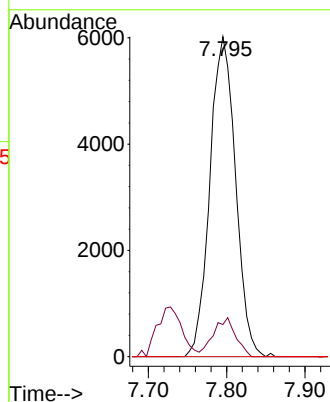
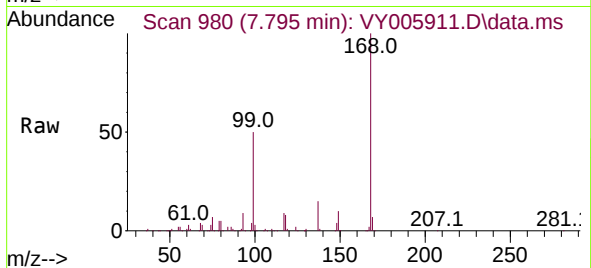
Delta R.T. -0.128 min

Lab File: VY005911.D

Acq: 31 Aug 2021 14:47

Tgt Ion:	75	Resp:	13704
Ion	Ratio	Lower	Upper
75	100		
110	10.6	18.1	54.3#
77	0.0	24.9	37.3#

Instrument :
MSVOA_Y
ClientSampleId :



#37

Ethyl Acetate

Concen: 1.724 ug/l

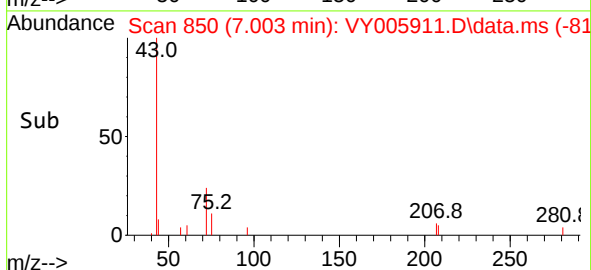
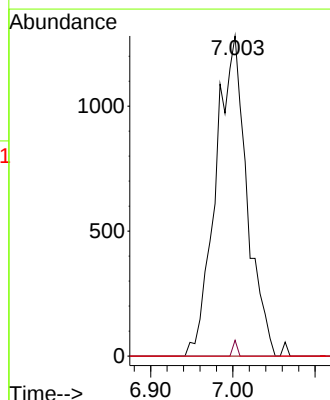
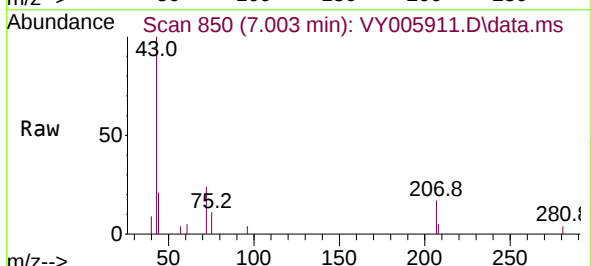
RT: 7.003 min Scan# 850

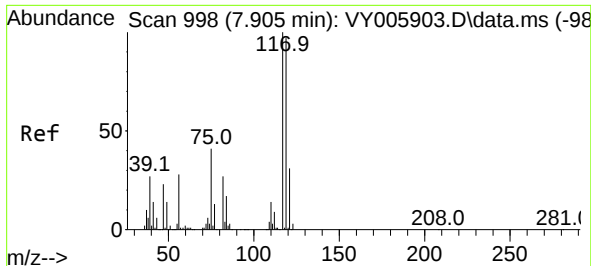
Delta R.T. -0.079 min

Lab File: VY005911.D

Acq: 31 Aug 2021 14:47

Tgt Ion:	43	Resp:	3366
Ion	Ratio	Lower	Upper
43	100		
61	0.7	11.2	16.8#
70	0.0	8.3	12.5#

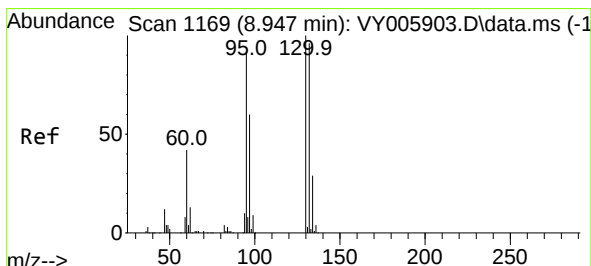
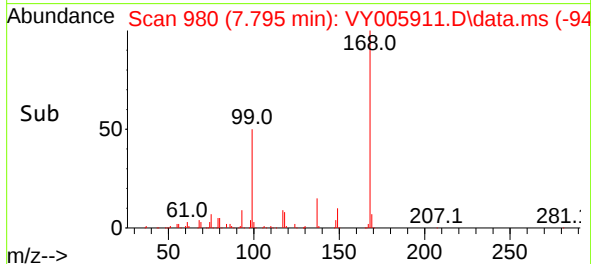
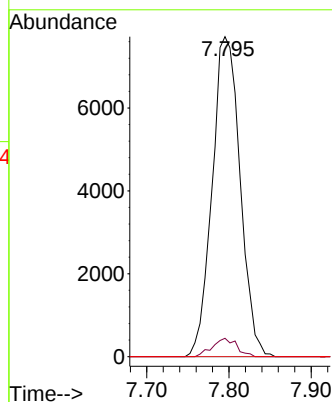
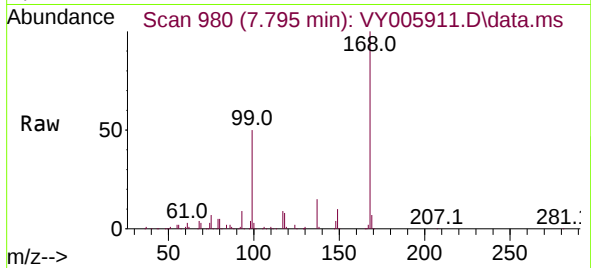




#38
Carbon Tetrachloride
Concen: 5.161 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY005911.D
Acq: 31 Aug 2021 14:47

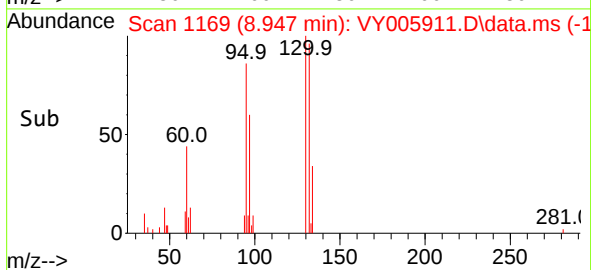
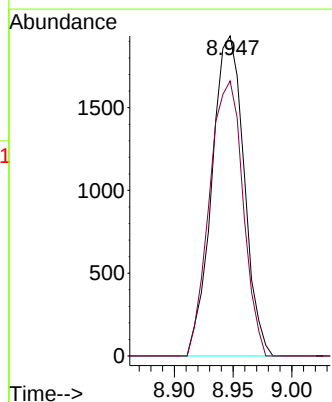
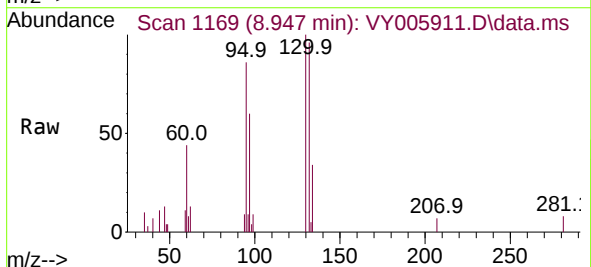
Instrument :
MSVOA_Y
ClientSampleId :

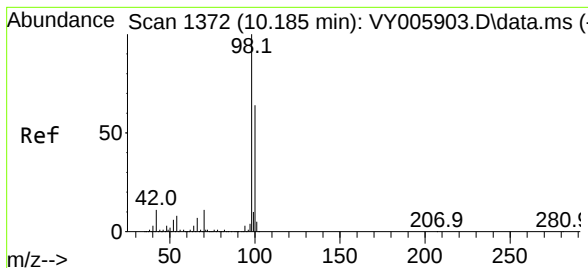
Tgt Ion:117 Resp: 18240
Ion Ratio Lower Upper
117 100
119 5.8 77.5 116.3#
121 0.0 25.0 37.6#



#44
Trichloroethene
Concen: 1.425 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY005911.D
Acq: 31 Aug 2021 14:47

Tgt Ion:130 Resp: 3681
Ion Ratio Lower Upper
130 100
95 85.9 0.0 183.0

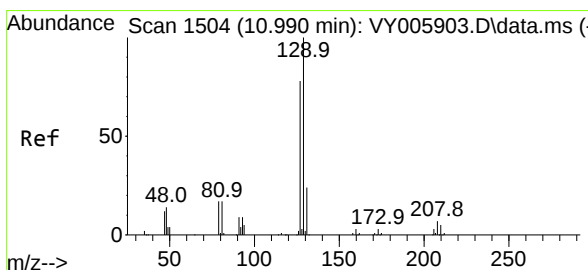
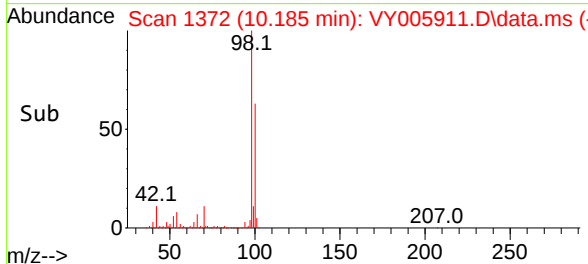
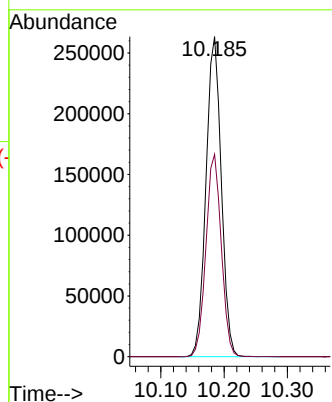
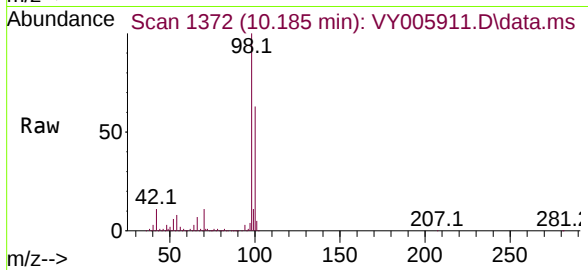




#50
Toluene-d8
Concen: 54.257 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005911.D
Acq: 31 Aug 2021 14:47

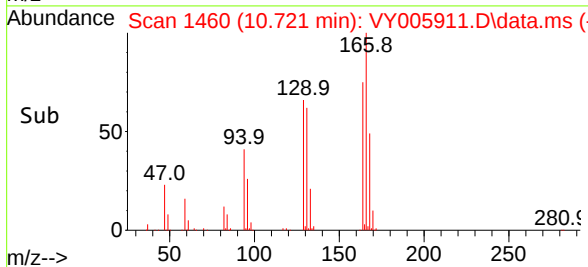
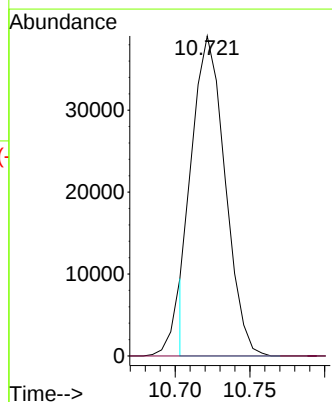
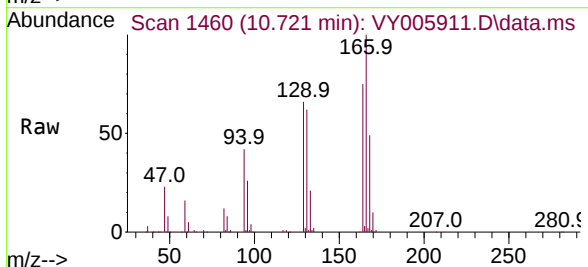
Instrument :
MSVOA_Y
ClientSampled :

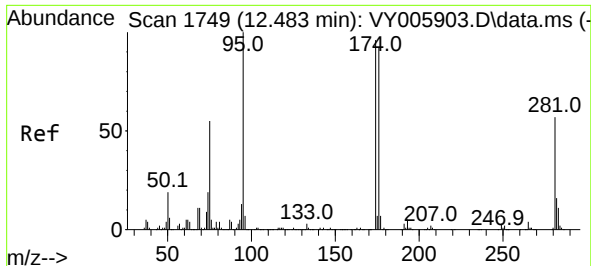
Tgt Ion: 98 Resp: 442866
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#60
Dibromochloromethane
Concen: 26.106 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.268 min
Lab File: VY005911.D
Acq: 31 Aug 2021 14:47

Tgt Ion: 129 Resp: 59715
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

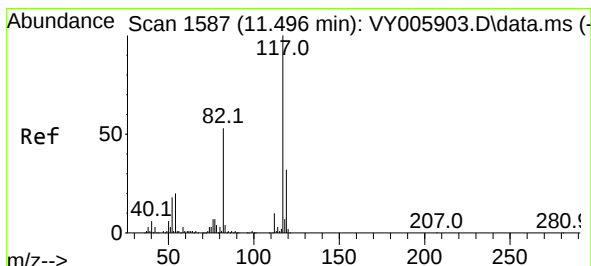
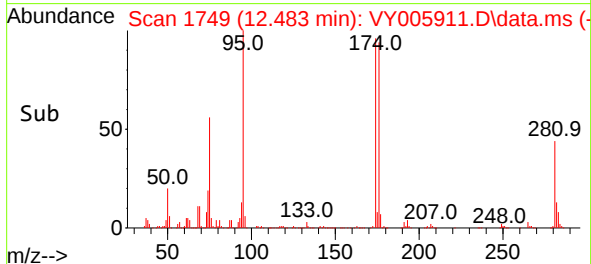
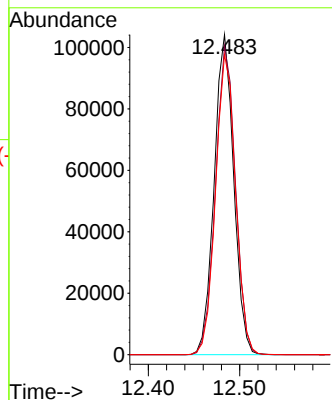
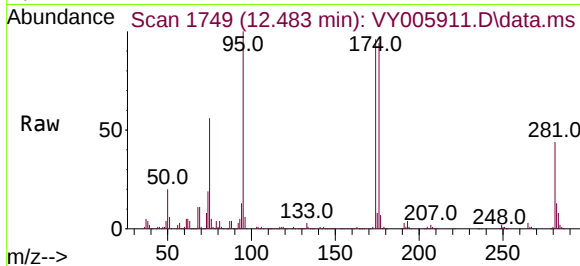




#62
4-Bromofluorobenzene
Concen: 56.477 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005911.D
Acq: 31 Aug 2021 14:47

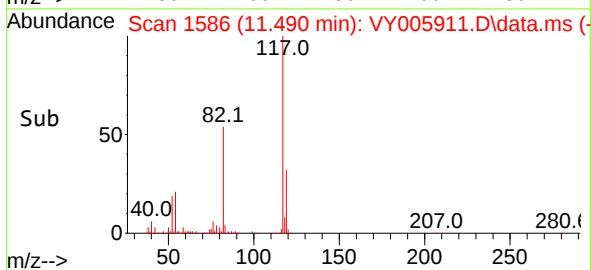
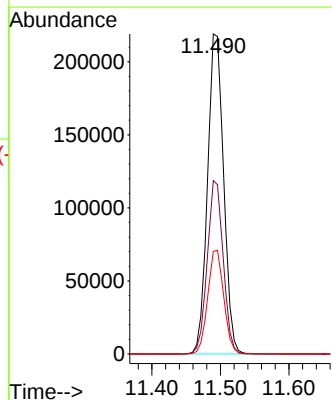
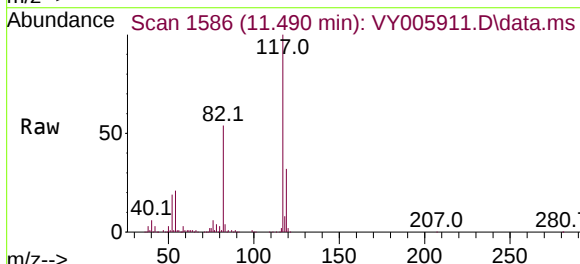
Instrument :
MSVOA_Y
ClientSampleId :

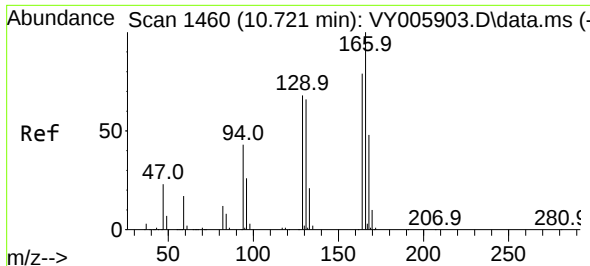
Tgt Ion: 95 Resp: 154789
Ion Ratio Lower Upper
95 100
174 98.5 0.0 192.4
176 95.8 0.0 186.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005911.D
Acq: 31 Aug 2021 14:47

Tgt Ion: 117 Resp: 358500
Ion Ratio Lower Upper
117 100
82 54.1 42.4 63.6
119 32.0 25.4 38.0

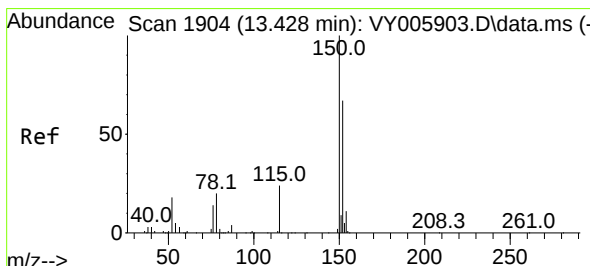
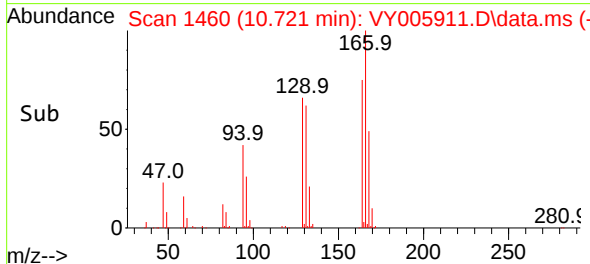
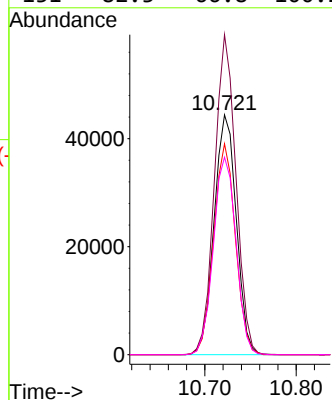
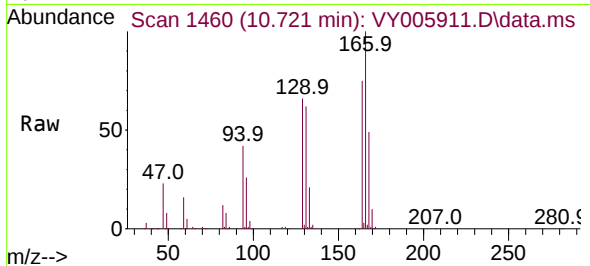




#64
Tetrachloroethene
Concen: 25.576 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY005911.D
Acq: 31 Aug 2021 14:47

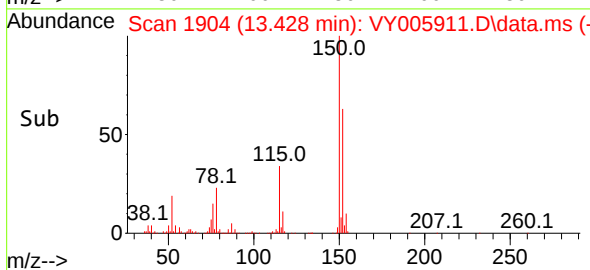
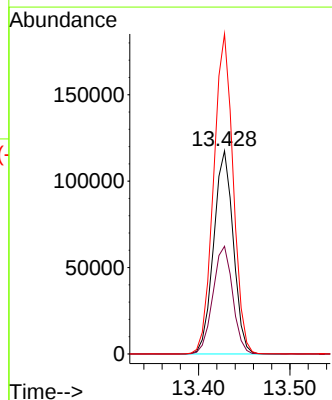
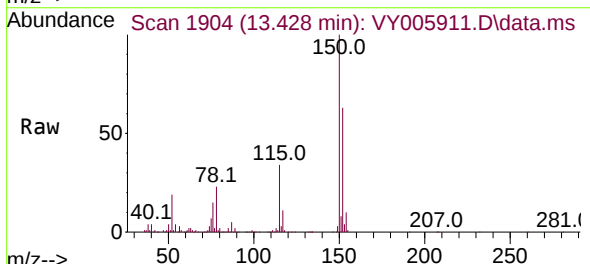
Instrument :
MSVOA_Y
ClientSampleId :

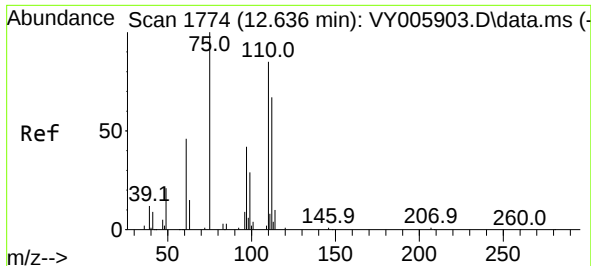
Tgt Ion:	164	Resp:	75073
Ion	Ratio	Lower	Upper
164	100		
166	133.4	101.8	152.8
129	88.0	68.7	103.1
131	82.3	66.8	100.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005911.D
Acq: 31 Aug 2021 14:47

Tgt Ion:	152	Resp:	175375
Ion	Ratio	Lower	Upper
152	100		
115	53.5	26.8	80.4
150	156.8	0.0	345.6

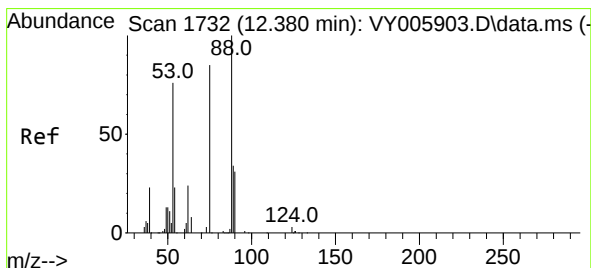
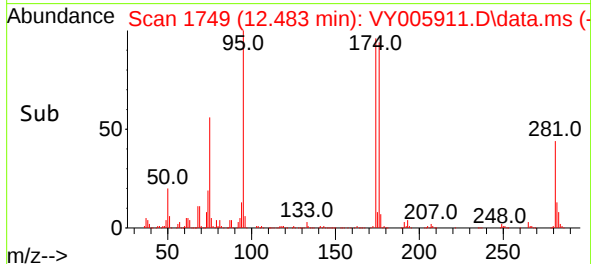
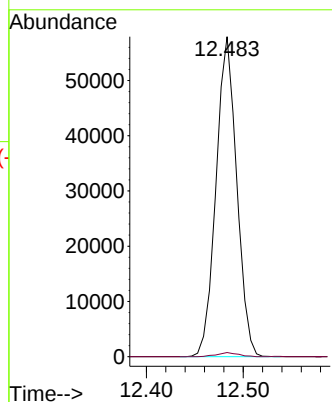
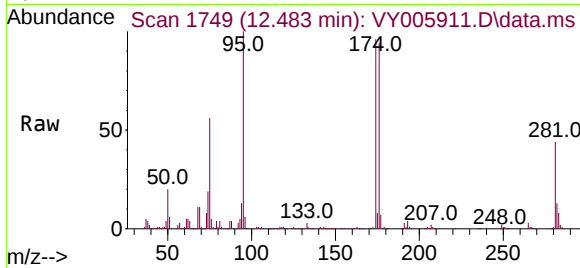




#76
1,2,3-Trichloropropane
Concen: 52.383 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005911.D
Acq: 31 Aug 2021 14:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 85984
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.621 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005911.D
Acq: 31 Aug 2021 14:47

Tgt Ion: 75 Resp: 85984
Ion Ratio Lower Upper
75 100
53 0.0 71.8 107.8#
89 0.6 35.8 53.6#

