

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051121\
 Data File : VY004744.D
 Acq On : 11 May 2021 15:27
 Operator : SY/MD
 Sample : M2354-01
 Misc : 6.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-051121

Quant Time: May 12 00:59:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

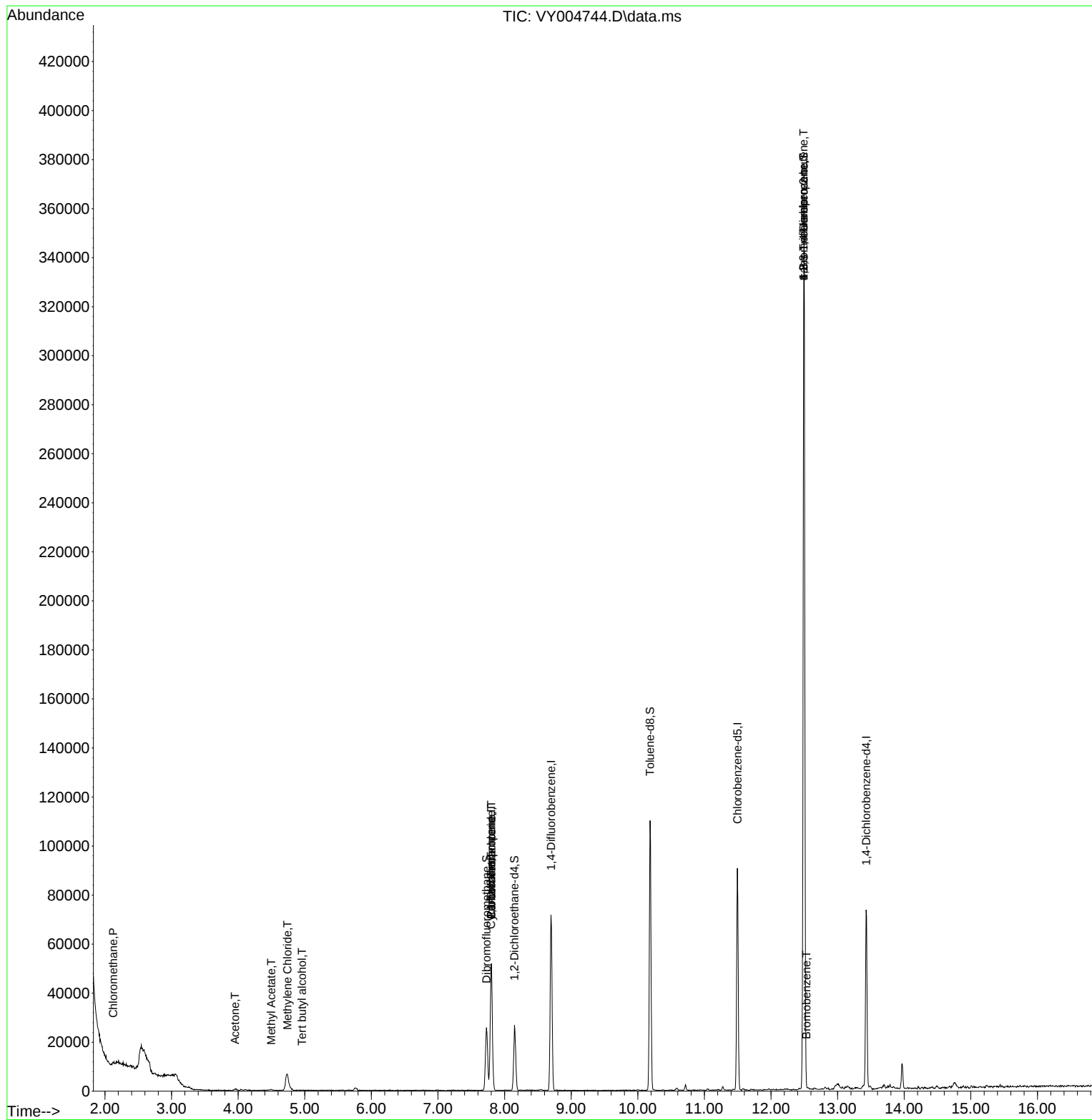
Internal Standards						
1) Pentafluorobenzene	7.801	168	37598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	58063	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	45021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	18447	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	19441	43.44	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 86.88%			
35) Dibromofluoromethane	7.728	113	17361	54.62	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.24%			
50) Toluene-d8	10.185	98	68732	47.87	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.74%			
62) 4-Bromofluorobenzene	12.489	95	19418	40.07	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 80.14%			
Target Compounds						Qvalue
3) Chloromethane	2.125	50	609	1.09	ug/l	92
11) Tert butyl alcohol	4.960	59	270	6.00	ug/l #	71
16) Acetone	3.954	43	1041	10.36	ug/l	90
18) Methyl Acetate	4.497	43	881	2.75	ug/l #	86
20) Methylene Chloride	4.741	84	4654	1.76	ug/l	94
31) Cyclohexane	7.795	56	954	1.32	ug/l #	4
36) 1,1-Dichloropropene	7.801	75	3296	5.54	ug/l #	50
38) Carbon Tetrachloride	7.801	117	3796	7.10	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	12880	65.74	ug/l #	100
77) Bromobenzene	12.532	156	653	2.08	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.489	75	12880	113.98	ug/l #	16

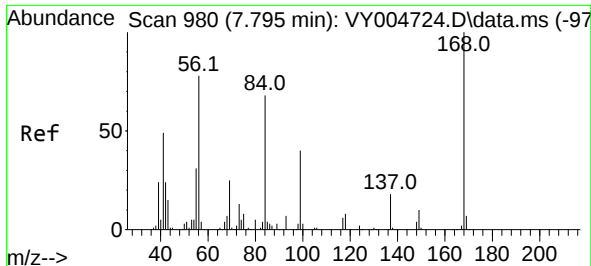
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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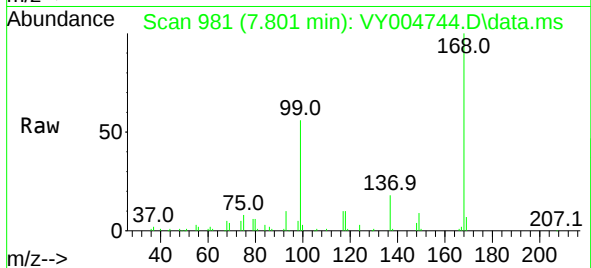
Quant Time: May 12 00:59:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
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QLast Update : Tue May 11 04:13:44 2021
Response via : Initial Calibration



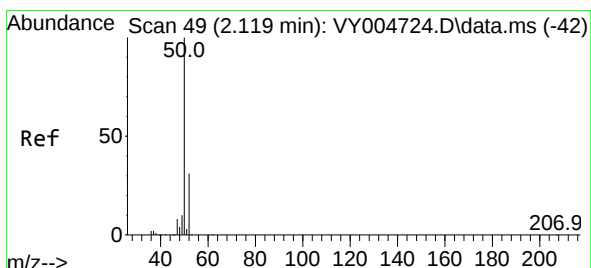
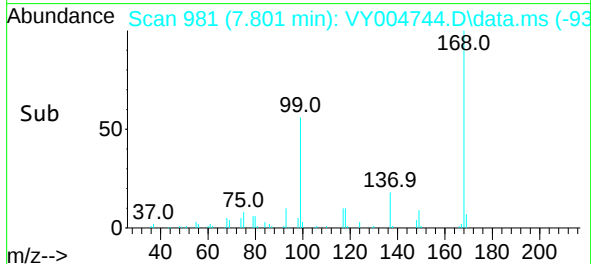
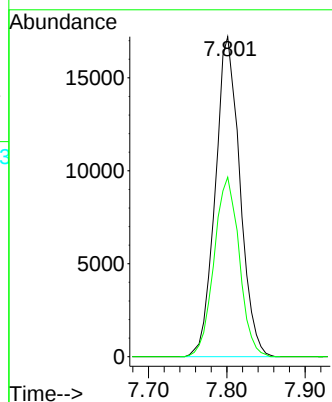


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004744.D
Acq: 11 May 2021 15:27

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-051121

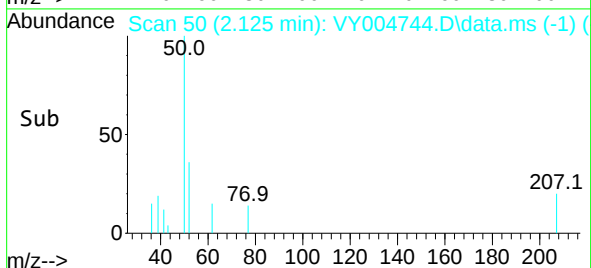
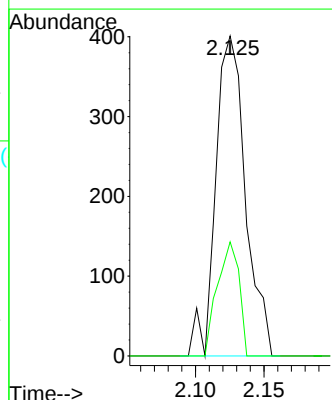
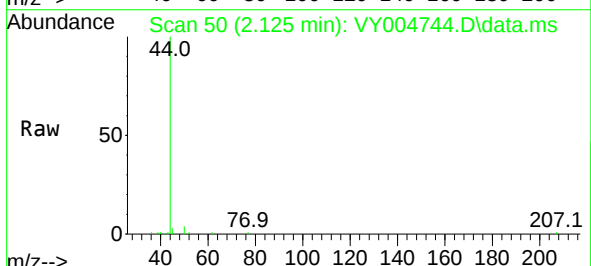


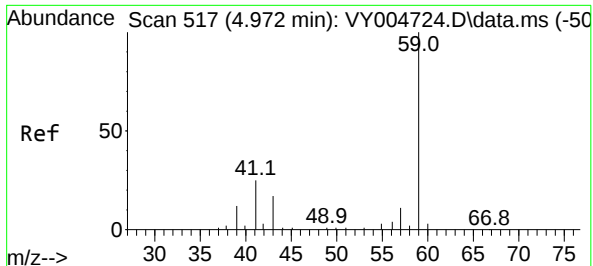
Tgt Ion: 168 Resp: 37598
Ion Ratio Lower Upper
168 100
99 56.1 45.6 68.4



#3
Chloromethane
Concen: 1.09 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY004744.D
Acq: 11 May 2021 15:27

Tgt Ion: 50 Resp: 609
Ion Ratio Lower Upper
50 100
52 35.7 25.0 37.6



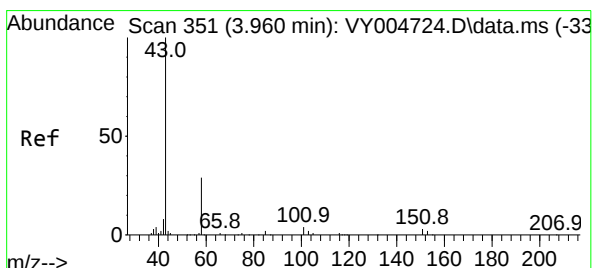
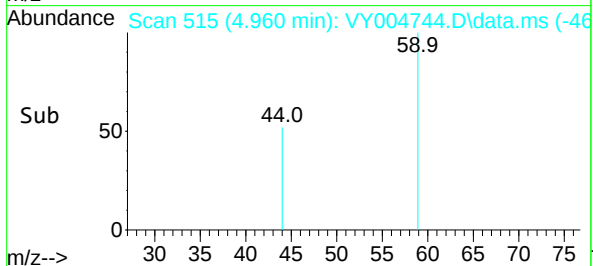
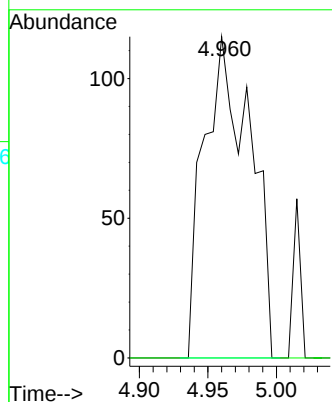
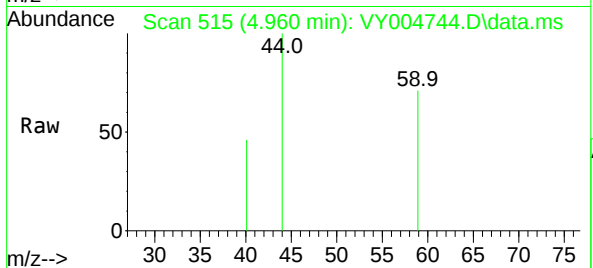


#11

Tert butyl alcohol
Concen: 6.00 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY004744.D
Acq: 11 May 2021 15:27

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-051121

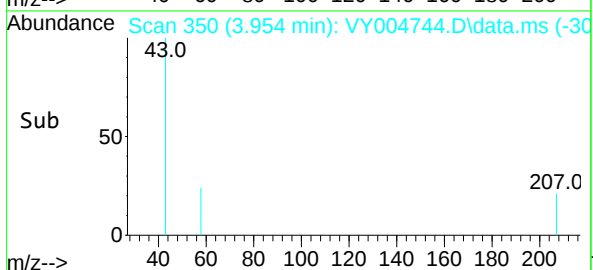
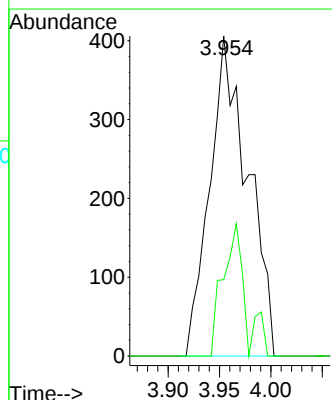
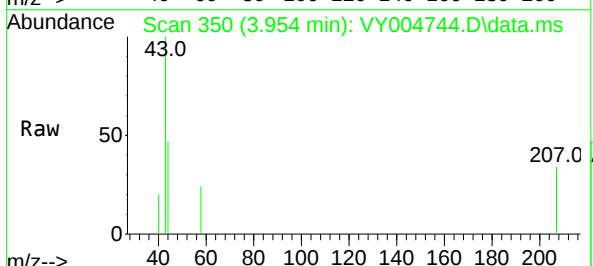
Tgt Ion: 59 Resp: 270
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

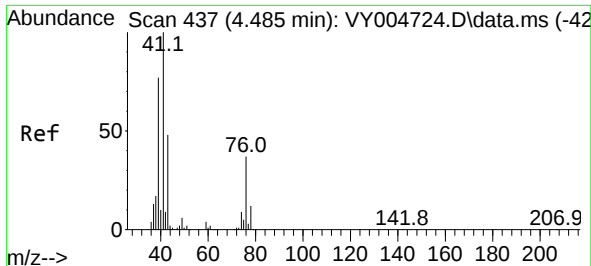


#16

Acetone
Concen: 10.36 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004744.D
Acq: 11 May 2021 15:27

Tgt Ion: 43 Resp: 1041
Ion Ratio Lower Upper
43 100
58 23.9 23.6 35.4

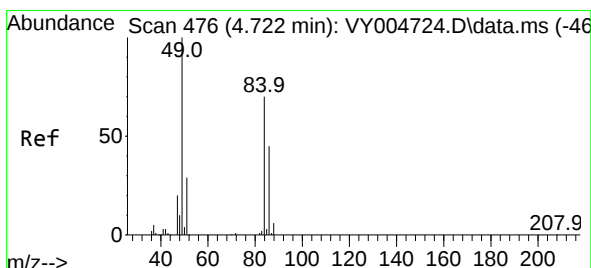
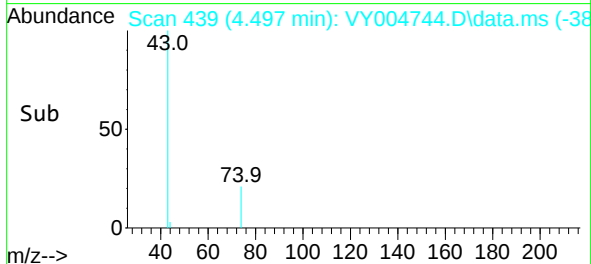
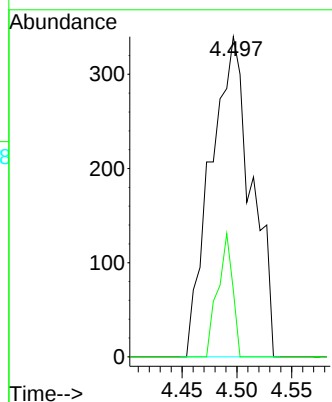
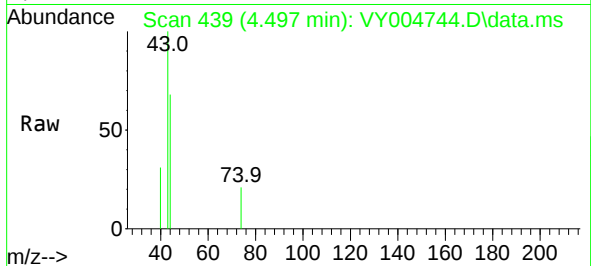




#18
Methyl Acetate
Concen: 2.75 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY004744.D
Acq: 11 May 2021 15:27

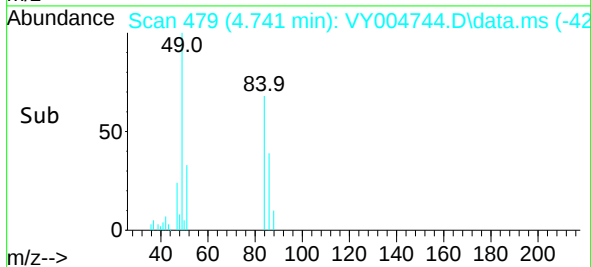
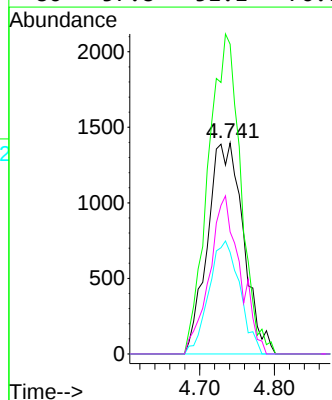
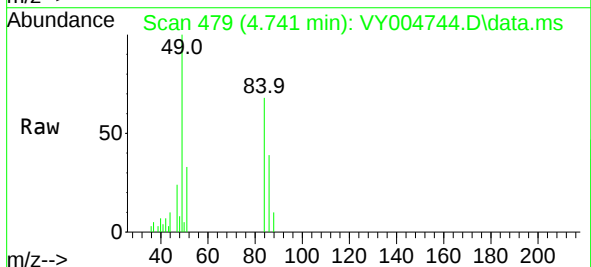
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-051121

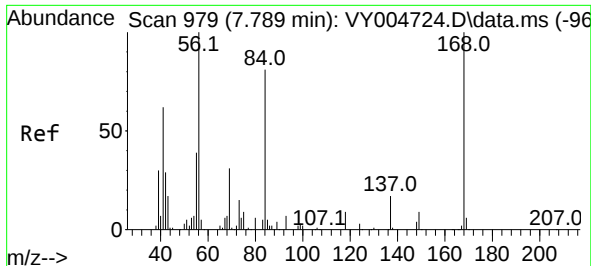
Tgt Ion: 43 Resp: 881
Ion Ratio Lower Upper
43 100
74 14.0 16.6 24.8#



#20
Methylene Chloride
Concen: 1.76 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.019 min
Lab File: VY004744.D
Acq: 11 May 2021 15:27

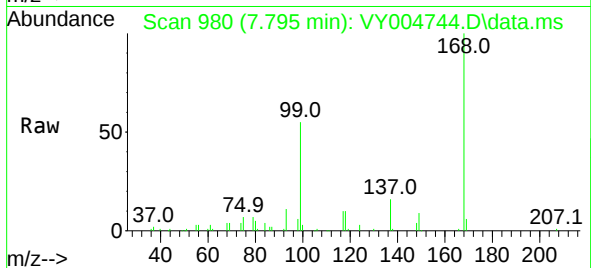
Tgt Ion: 84 Resp: 4654
Ion Ratio Lower Upper
84 100
49 146.7 113.8 170.8
51 48.1 33.5 50.3
86 57.8 51.1 76.7



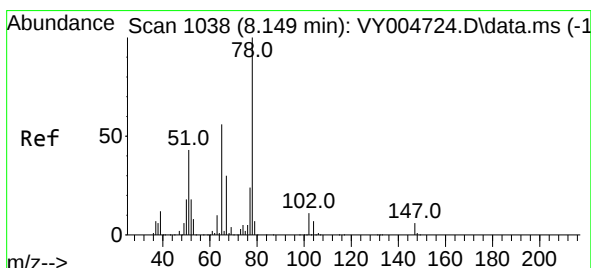
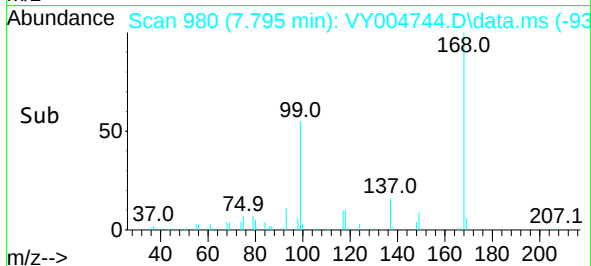
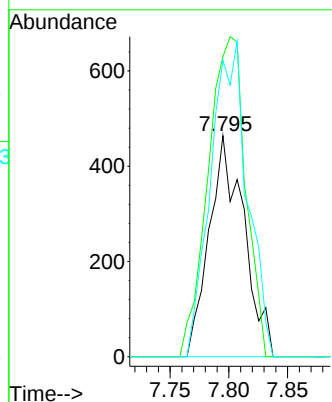


#31
Cyclohexane
Concen: 1.32 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004744.D
Acq: 11 May 2021 15:27

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-051121

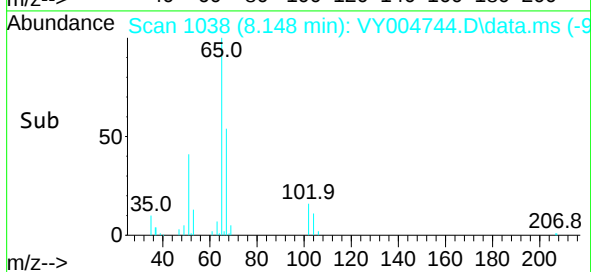
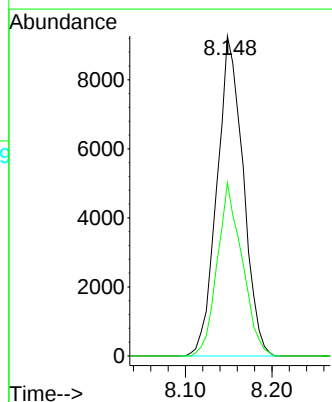
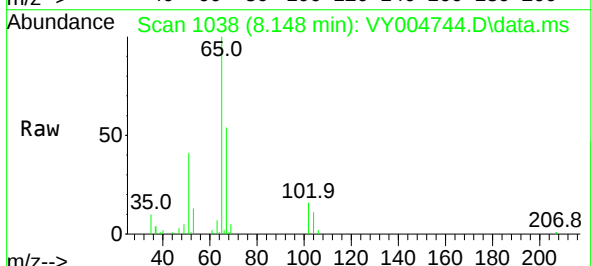


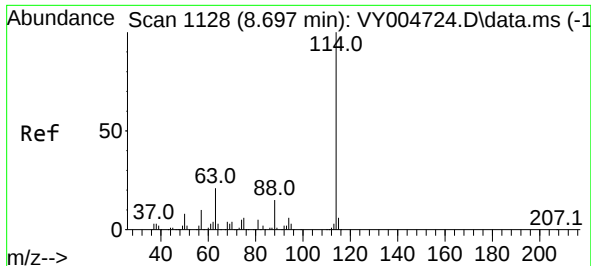
Tgt Ion: 56 Resp: 954
Ion Ratio Lower Upper
56 100
69 135.8 24.4 36.6#
84 134.1 64.8 97.2#



#33
1,2-Dichloroethane-d4
Concen: 43.44 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004744.D
Acq: 11 May 2021 15:27

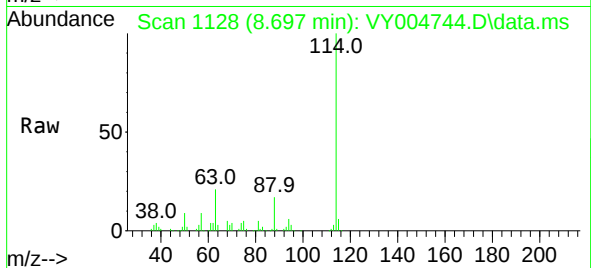
Tgt Ion: 65 Resp: 19441
Ion Ratio Lower Upper
65 100
67 51.6 0.0 108.0



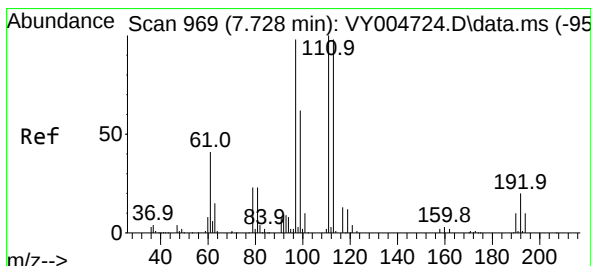
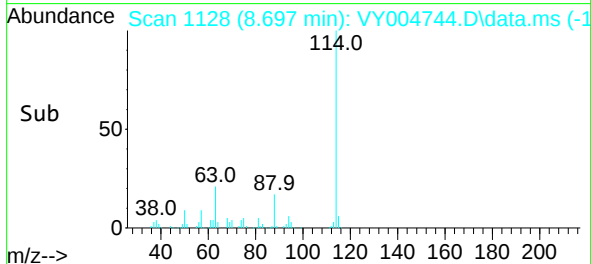
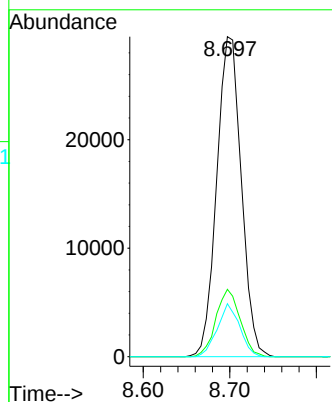


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004744.D
Acq: 11 May 2021 15:27

Instrument :
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ClientSampleId :
EO-01-051121

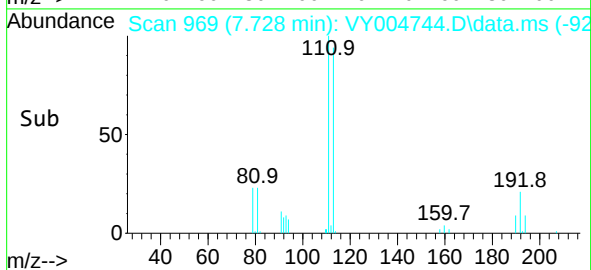
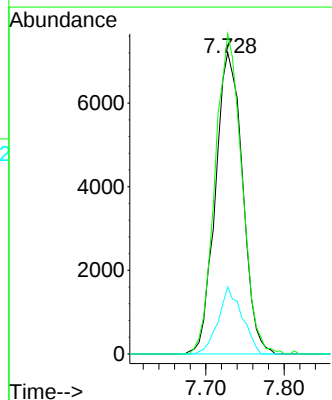
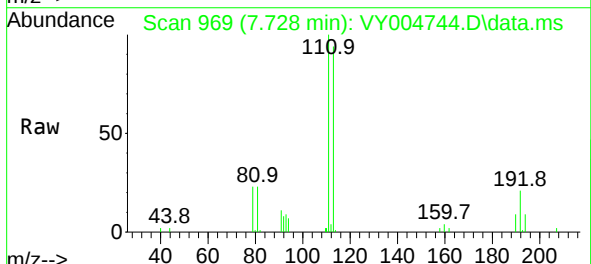


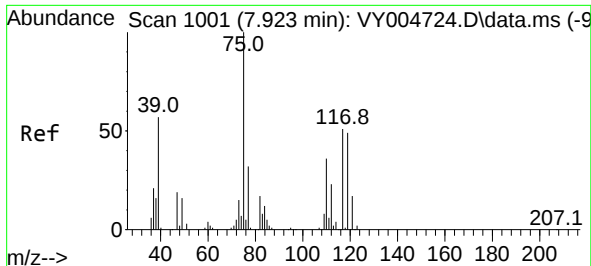
Tgt Ion:	114	Resp:	58063
Ion Ratio	Lower	Upper	
114	100		
63	21.1	0.0	42.8
88	16.5	0.0	31.0



#35
Dibromofluoromethane
Concen: 54.62 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004744.D
Acq: 11 May 2021 15:27

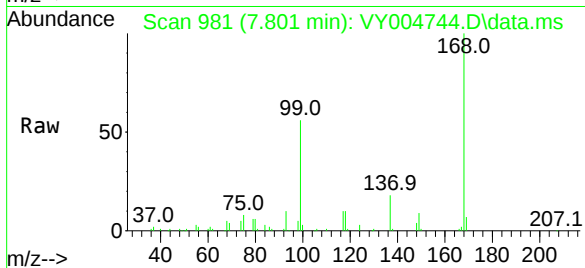
Tgt Ion:	113	Resp:	17361
Ion Ratio	Lower	Upper	
113	100		
111	105.0	80.5	120.7
192	19.5	15.0	22.6



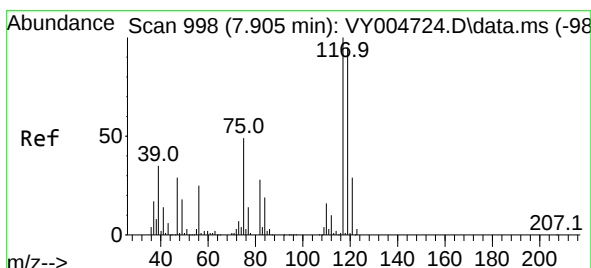
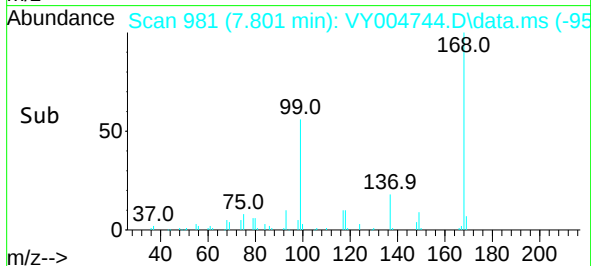
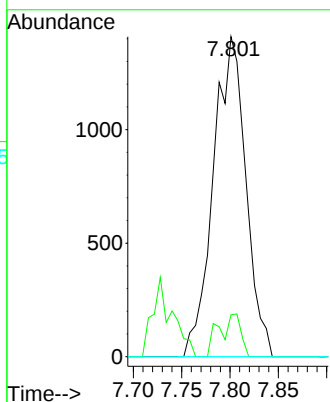


#36
1,1-Dichloropropene
Concen: 5.54 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY004744.D
Acq: 11 May 2021 15:27

Instrument :
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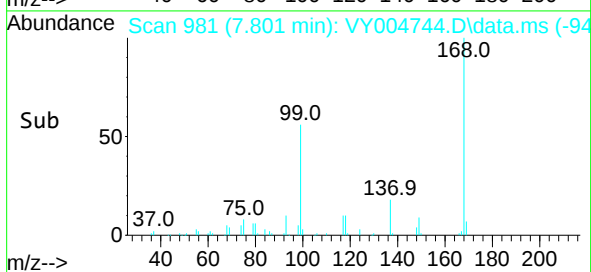
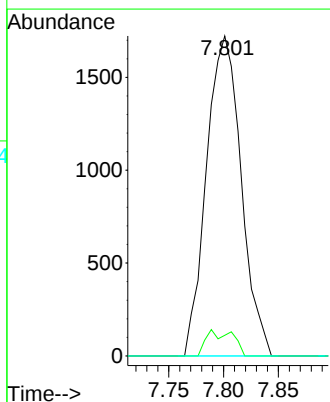
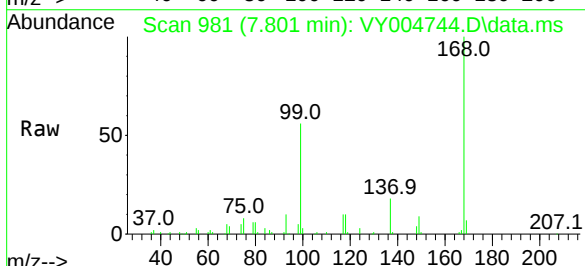


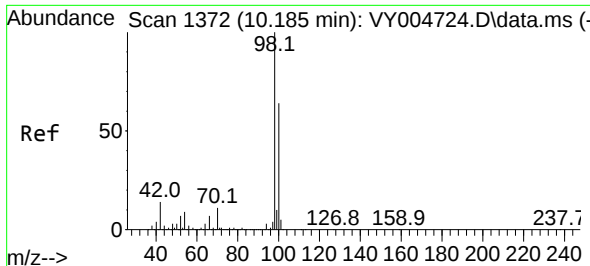
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.0	50.9#
77	0.0	25.0	37.4#



#38
Carbon Tetrachloride
Concen: 7.10 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY004744.D
Acq: 11 May 2021 15:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.4	76.3	114.5#
121	0.0	23.0	34.6#

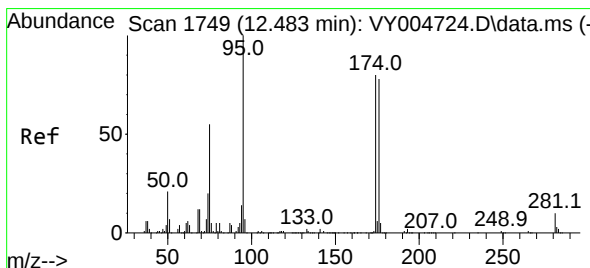
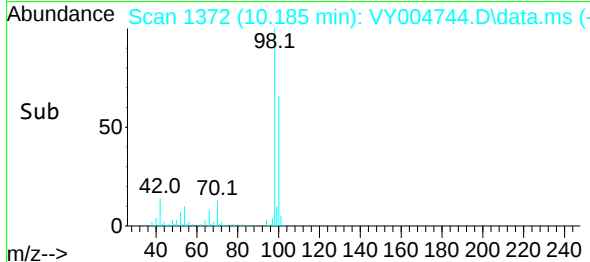
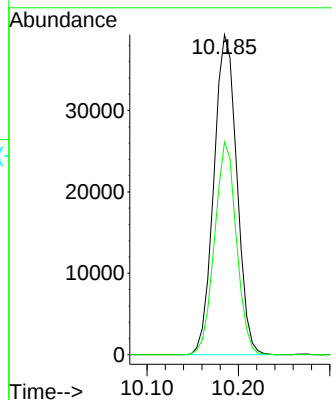
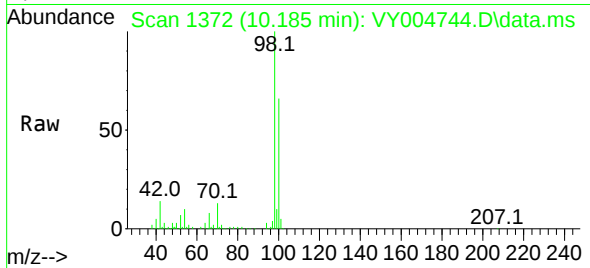




#50
Toluene-d8
Concen: 47.87 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004744.D
Acq: 11 May 2021 15:27

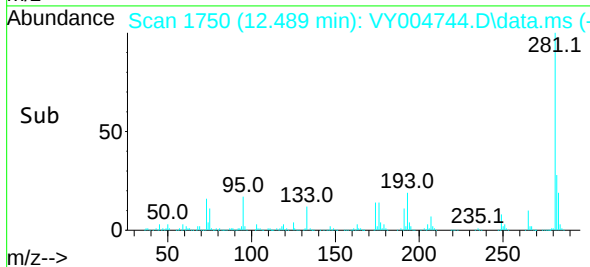
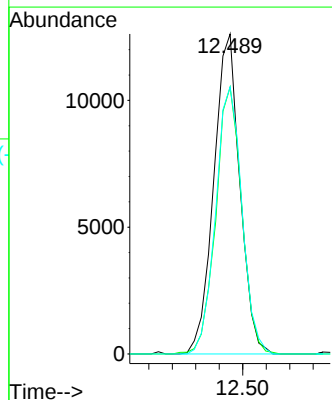
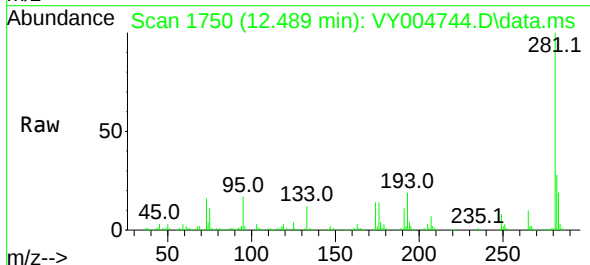
Instrument :
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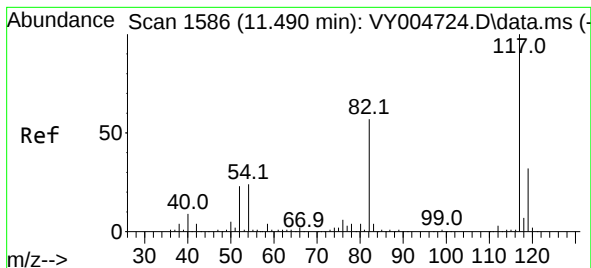
Tgt Ion: 98 Resp: 68732
Ion Ratio Lower Upper
98 100
100 63.2 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 40.07 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY004744.D
Acq: 11 May 2021 15:27

Tgt Ion: 95 Resp: 19418
Ion Ratio Lower Upper
95 100
174 83.0 0.0 164.2
176 84.2 0.0 159.0

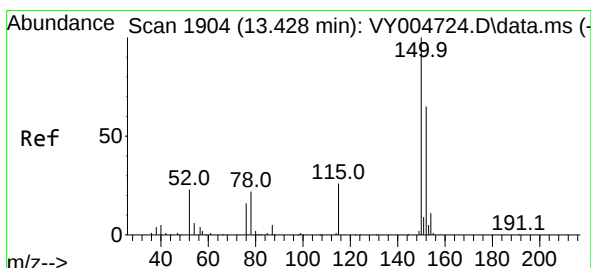
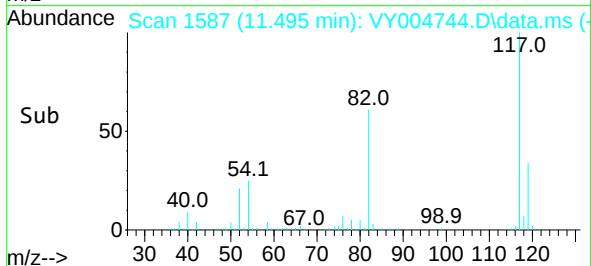
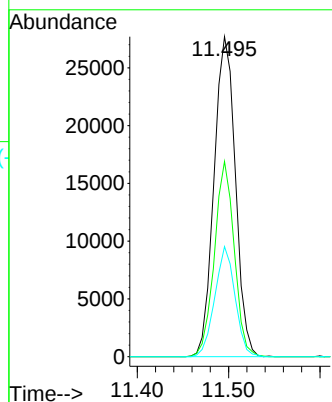
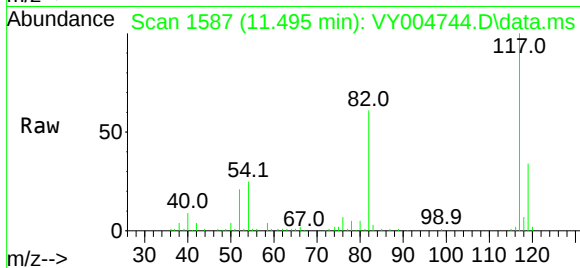




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004744.D
Acq: 11 May 2021 15:27

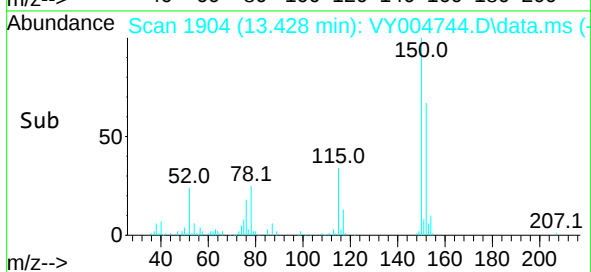
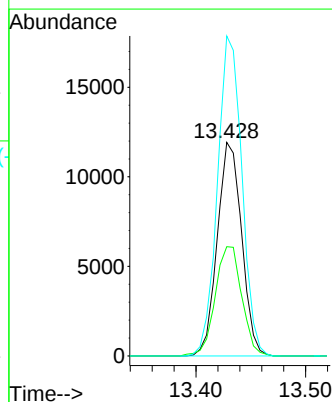
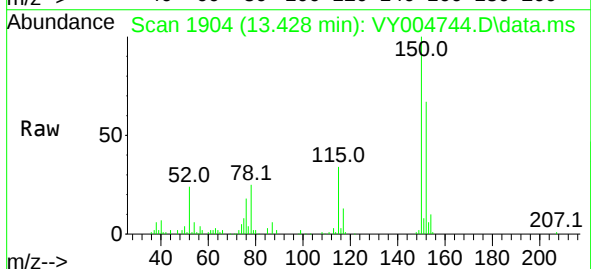
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-051121

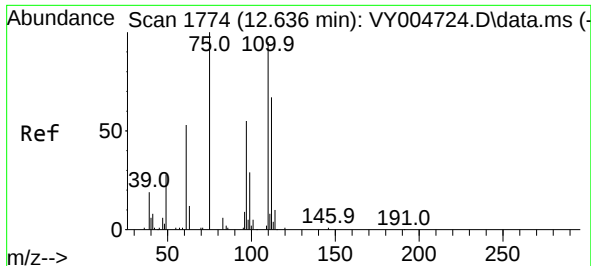
Tgt Ion:117 Resp: 45021
Ion Ratio Lower Upper
117 100
82 61.0 45.4 68.2
119 34.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004744.D
Acq: 11 May 2021 15:27

Tgt Ion:152 Resp: 18447
Ion Ratio Lower Upper
152 100
115 55.7 29.4 88.3
150 150.3 0.0 349.8

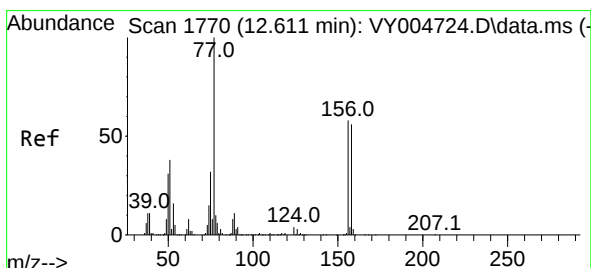
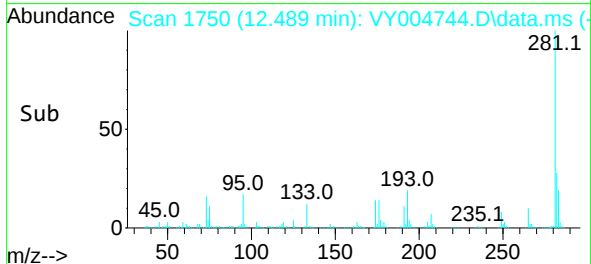
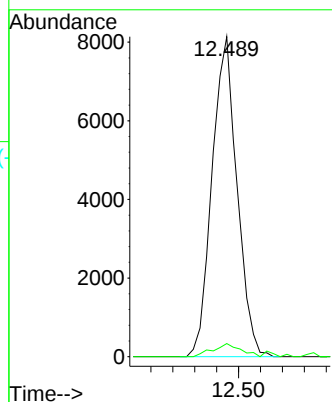
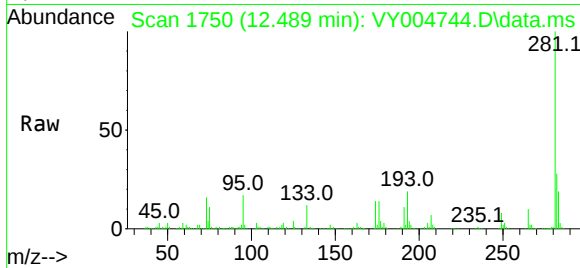




#76
1,2,3-Trichloropropane
Concen: 65.74 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY004744.D
Acq: 11 May 2021 15:27

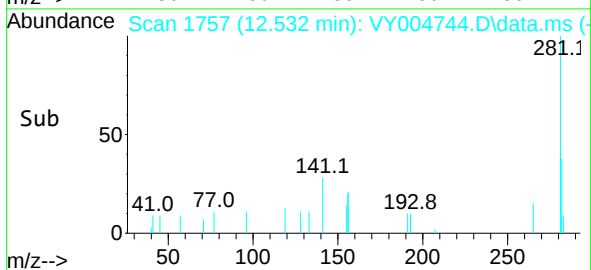
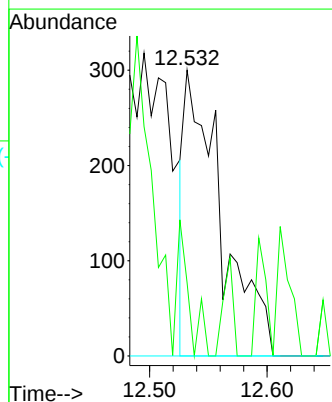
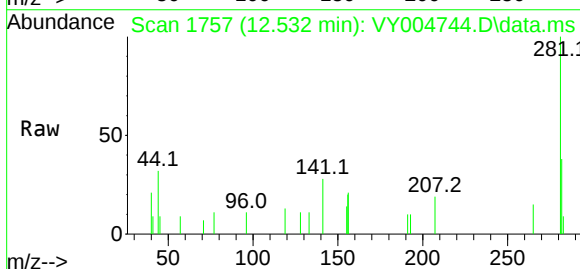
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-051121

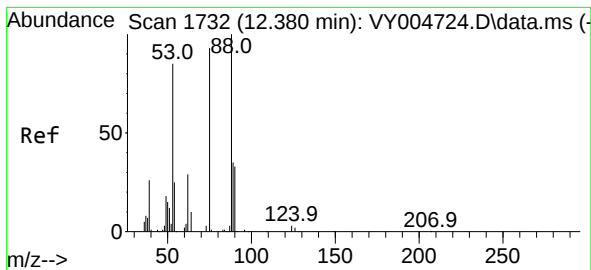
Tgt Ion: 75 Resp: 12880
Ion Ratio Lower Upper
75 100
77 4.5 0.0 0.0#



#77
Bromobenzene
Concen: 2.08 ug/l
RT: 12.532 min Scan# 1757
Delta R.T. -0.079 min
Lab File: VY004744.D
Acq: 11 May 2021 15:27

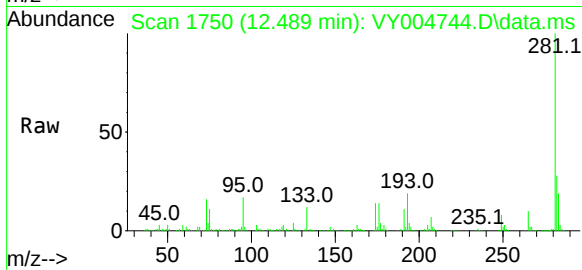
Tgt Ion: 156 Resp: 653
Ion Ratio Lower Upper
156 100
77 15.6 100.6 301.9#
158 0.0 48.8 146.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.98 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. 0.110 min
 Lab File: VY004744.D
 Acq: 11 May 2021 15:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-051121



Tgt Ion:	75	Resp:	12880
Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.9	110.9#
89	7.5	35.5	53.3#

