

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041621\
 Data File : VY004472.D
 Acq On : 16 Apr 2021 16:08
 Operator : SY/MD
 Sample : M2050-11
 Misc : 5.52G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: Apr 17 00:55:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

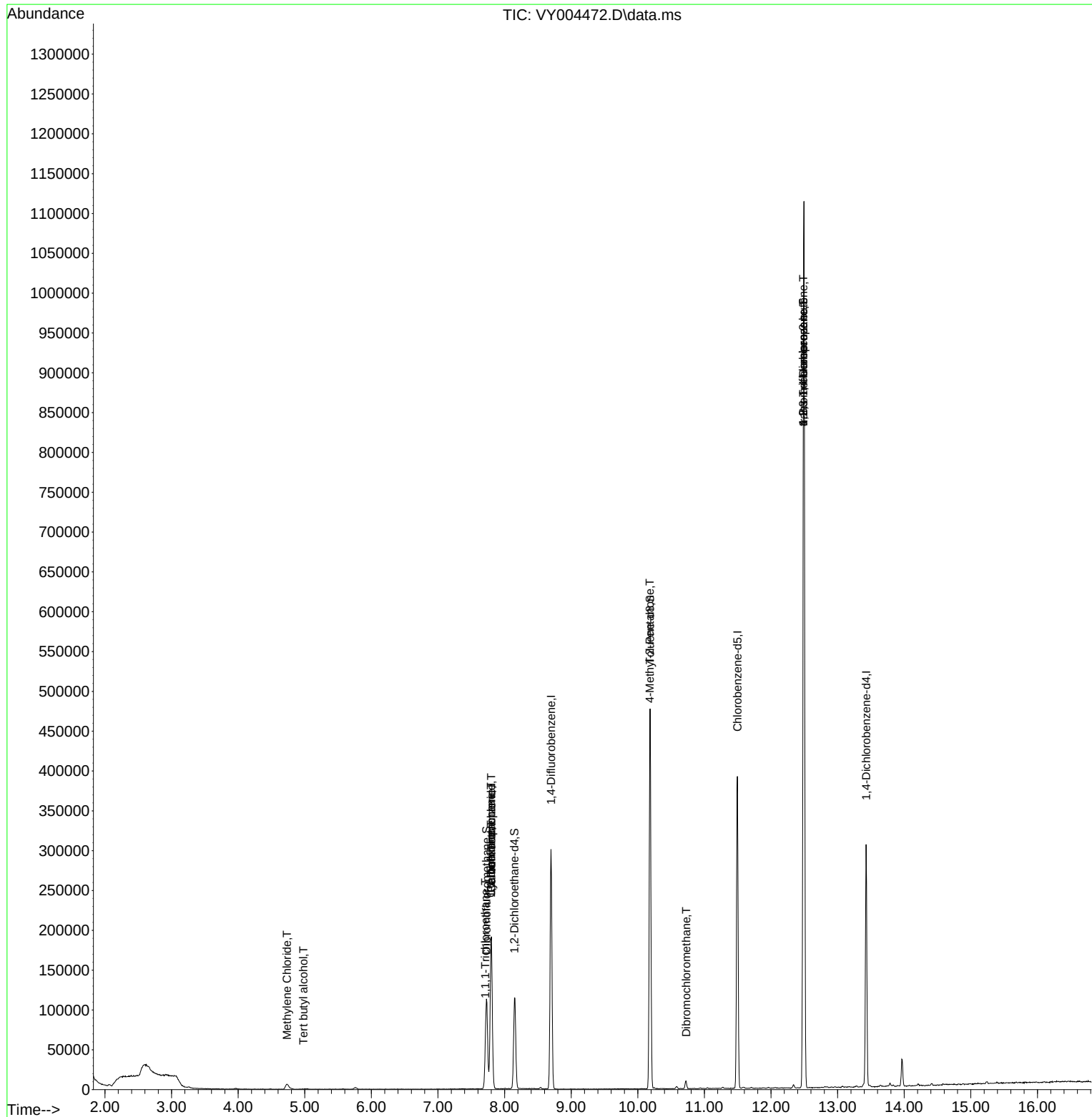
Internal Standards						
1) Pentafluorobenzene	7.801	168	146176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	244999	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	200960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72027	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	89630	55.19	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.38%			
35) Dibromofluoromethane	7.728	113	75810	55.76	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.52%			
50) Toluene-d8	10.185	98	299762	51.83	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.66%			
62) 4-Bromofluorobenzene	12.483	95	83036	42.31	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 84.62%			
Target Compounds						
11) Tert butyl alcohol	4.978	59	499	3.12	ug/l #	73
16) Acetone	3.960	43	1614	Below Cal		95
20) Methylene Chloride	4.734	84	4620	2.95	ug/l #	80
31) Cyclohexane	7.795	56	3505	1.18	ug/l #	12
32) 1,1,1-Trichloroethane	7.709	97	5593	2.14	ug/l	97
36) 1,1-Dichloropropene	7.795	75	11704	4.81	ug/l #	50
38) Carbon Tetrachloride	7.801	117	14261	6.78	ug/l #	16
51) 4-Methyl-2-Pentanone	10.178	43	1774	1.16	ug/l #	1
60) Dibromochloromethane	10.727	129	1651	1.05	ug/l #	10
76) 1,2,3-Trichloropropane	12.483	75	53831	69.63	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	53831	124.57	ug/l #	15

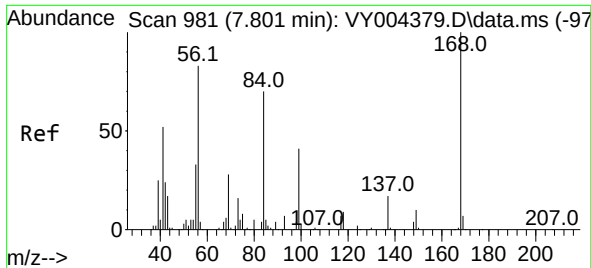
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration

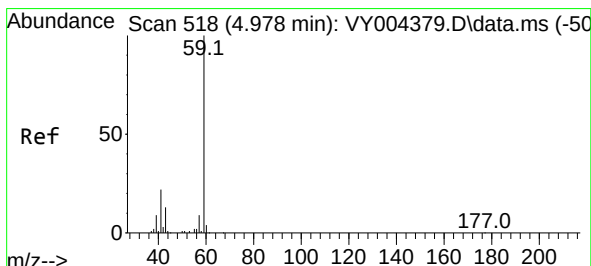
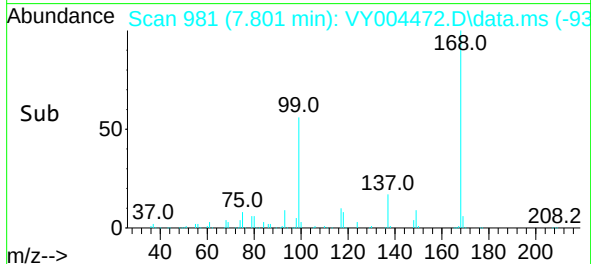
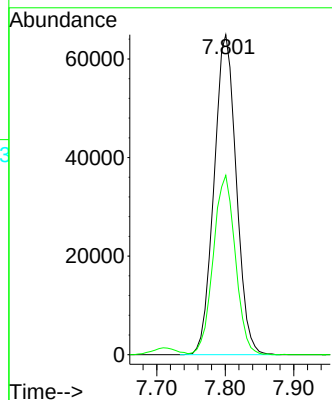
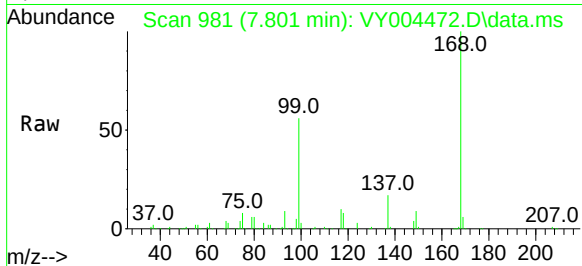




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004472.D
Acq: 16 Apr 2021 16:08

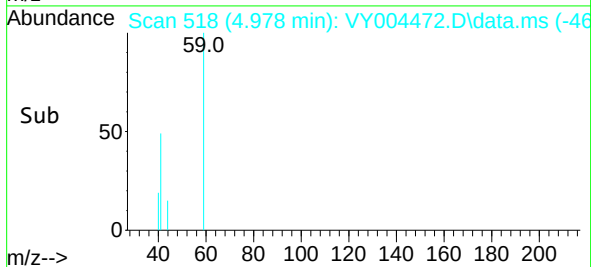
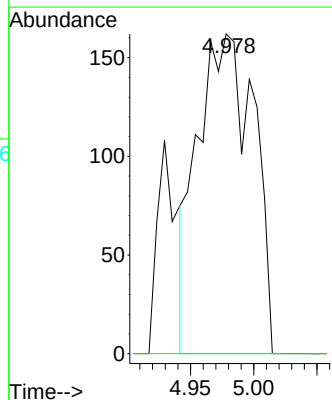
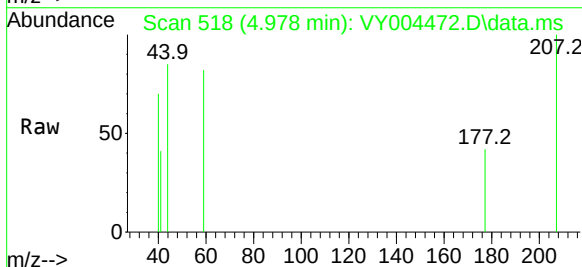
Instrument :
MSVOA_Y
ClientSampled :
TP-3

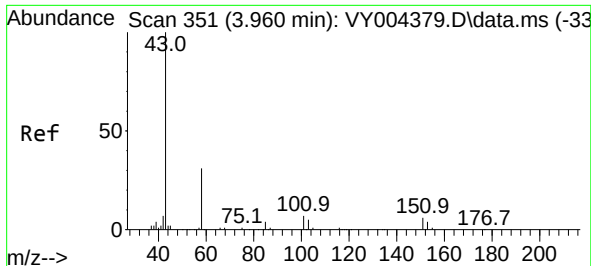
Tgt Ion:168 Resp: 146176
Ion Ratio Lower Upper
168 100
99 56.0 45.5 68.3



#11
Tert butyl alcohol
Concen: 3.12 ug/l
RT: 4.978 min Scan# 518
Delta R.T. -0.000 min
Lab File: VY004472.D
Acq: 16 Apr 2021 16:08

Tgt Ion: 59 Resp: 499
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

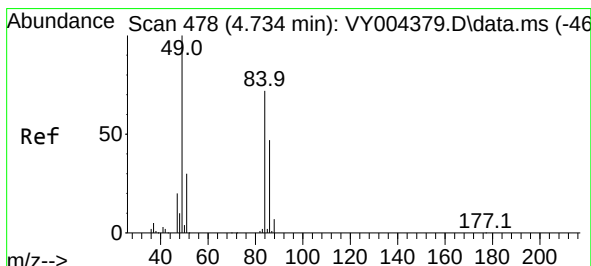
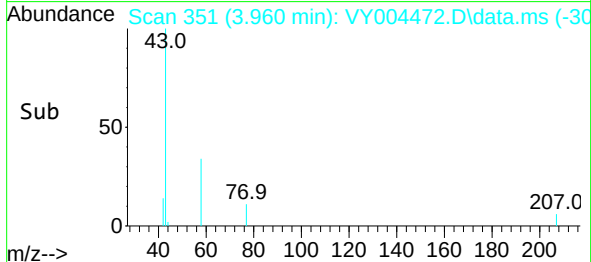
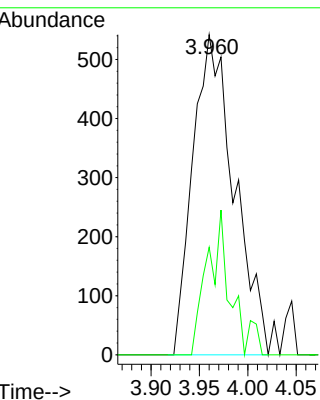
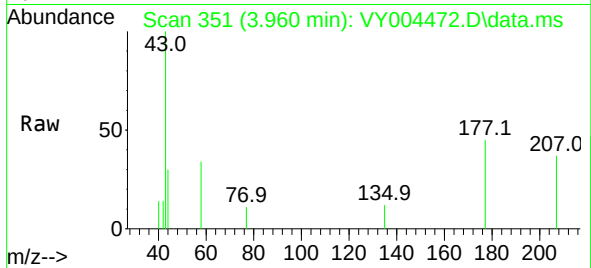




#16
Acetone
Concen: Below Cal
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004472.D
Acq: 16 Apr 2021 16:08

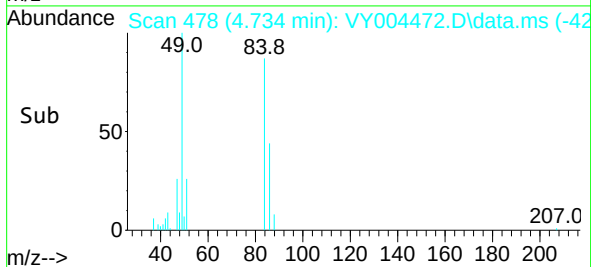
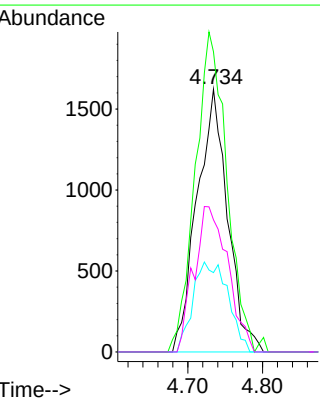
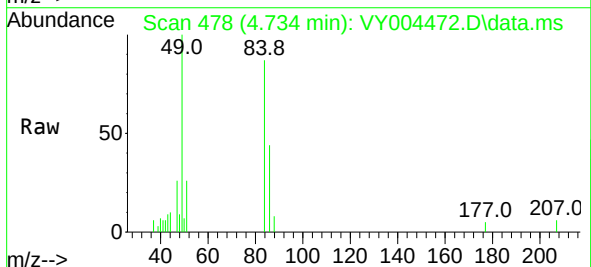
Instrument :
MSVOA_Y
ClientSampled :
TP-3

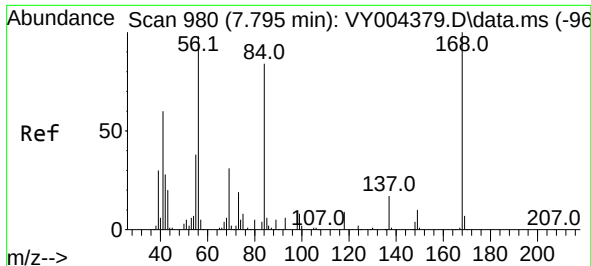
Tgt Ion: 43 Resp: 1614
Ion Ratio Lower Upper
43 100
58 33.6 24.6 37.0



#20
Methylene Chloride
Concen: 2.95 ug/l
RT: 4.734 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY004472.D
Acq: 16 Apr 2021 16:08

Tgt Ion: 84 Resp: 4620
Ion Ratio Lower Upper
84 100
49 114.3 111.2 166.8
51 30.2 33.4 50.2#
86 50.3 52.7 79.1#

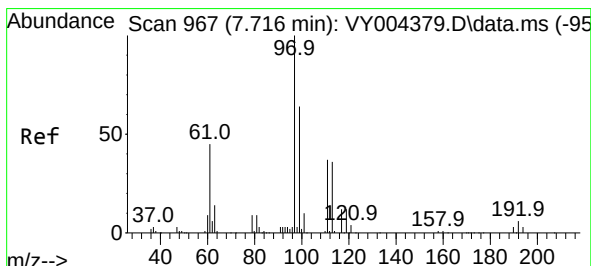
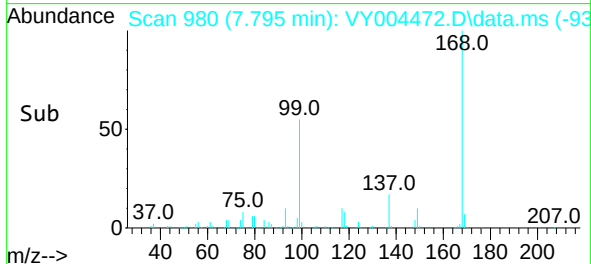
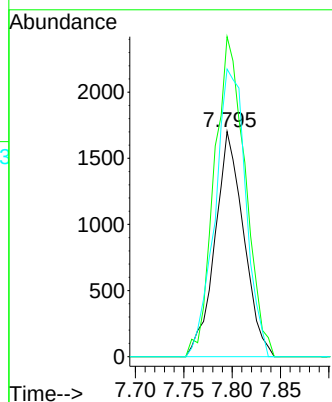
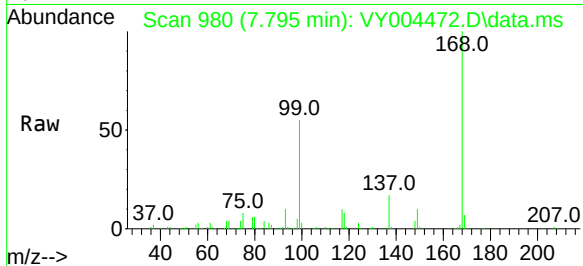




#31
Cyclohexane
Concen: 1.18 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004472.D
Acq: 16 Apr 2021 16:08

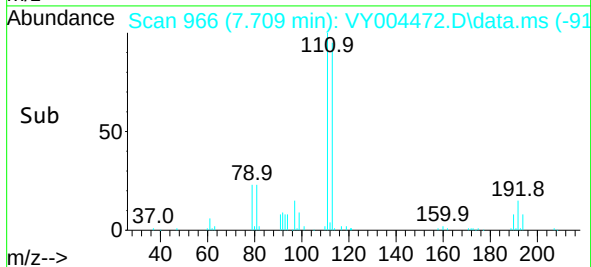
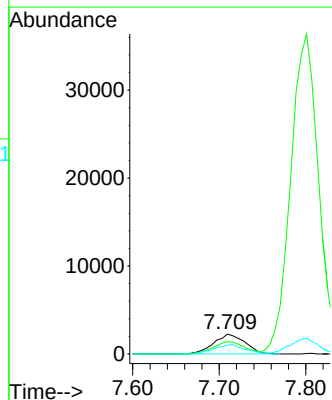
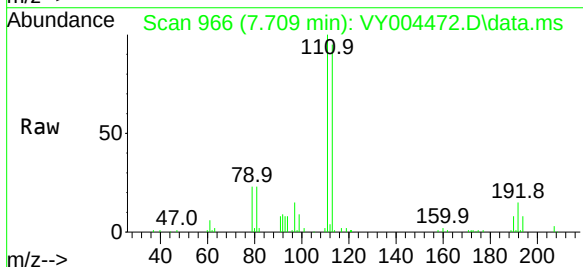
Instrument :
MSVOA_Y
ClientSampled :
TP-3

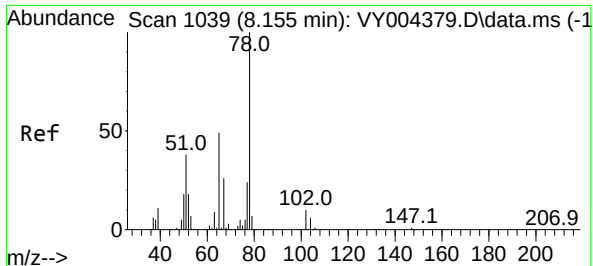
Tgt Ion: 56 Resp: 3505
Ion Ratio Lower Upper
56 100
69 142.2 25.8 38.6#
84 127.8 68.2 102.4#



#32
1,1,1-Trichloroethane
Concen: 2.14 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY004472.D
Acq: 16 Apr 2021 16:08

Tgt Ion: 97 Resp: 5593
Ion Ratio Lower Upper
97 100
99 62.0 51.2 76.8
61 47.2 36.2 54.2

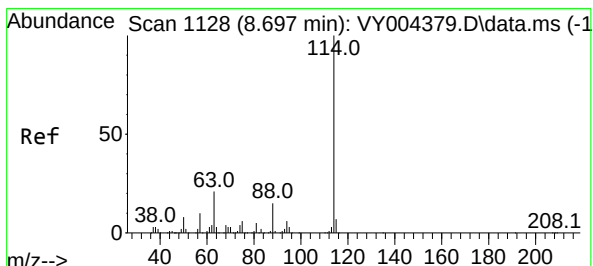
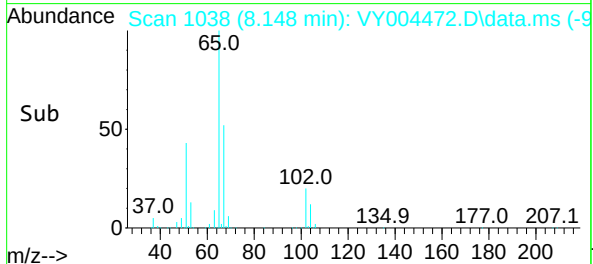
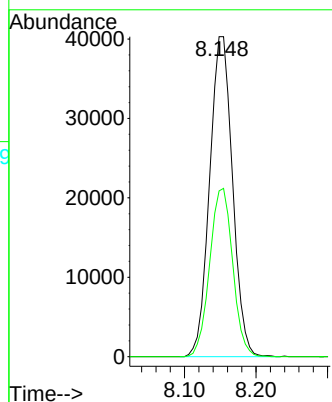
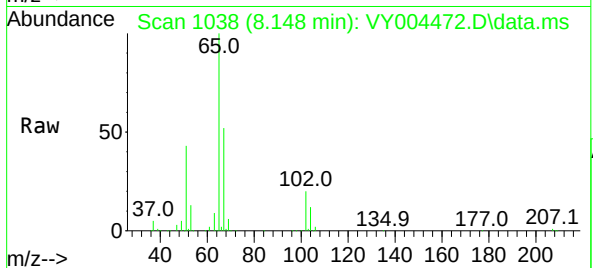




#33
 1,2-Dichloroethane-d4
 Concen: 55.19 ug/l
 RT: 8.148 min Scan# 1038
 Delta R.T. -0.006 min
 Lab File: VY004472.D
 Acq: 16 Apr 2021 16:08

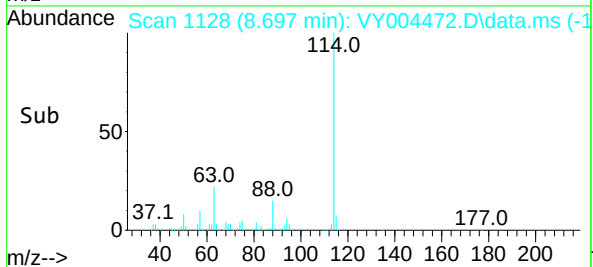
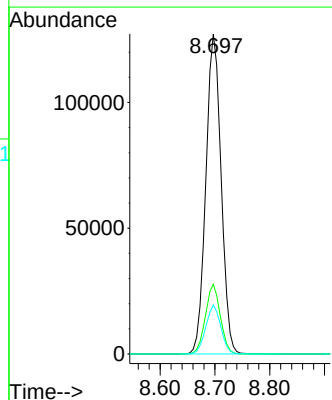
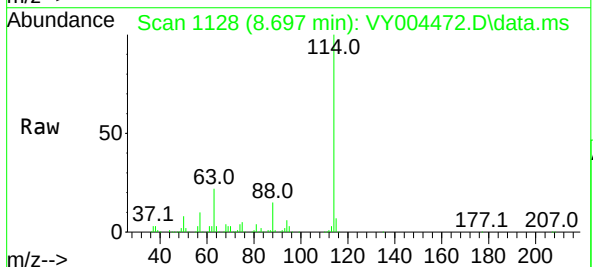
Instrument :
 MSVOA_Y
 ClientSampleId :
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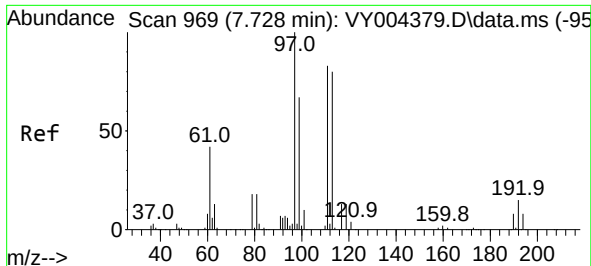
Tgt Ion: 65 Resp: 89630
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY004472.D
 Acq: 16 Apr 2021 16:08

Tgt Ion: 114 Resp: 244999
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 42.4
 88 15.3 0.0 30.8

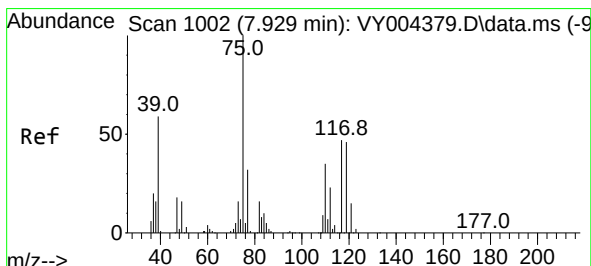
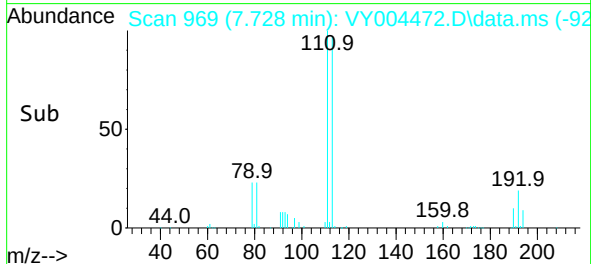
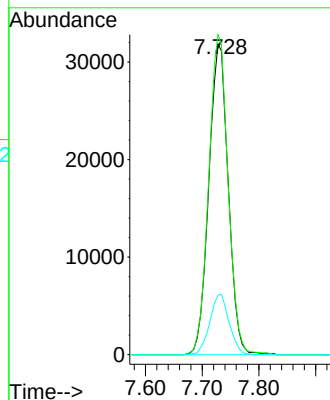
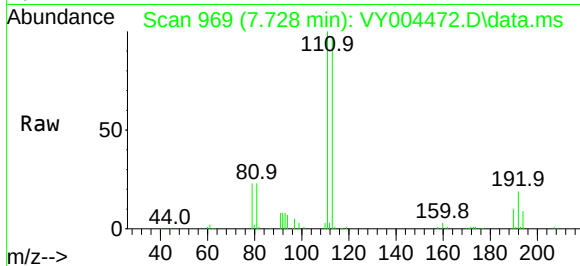




#35
Dibromofluoromethane
Concen: 55.76 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004472.D
Acq: 16 Apr 2021 16:08

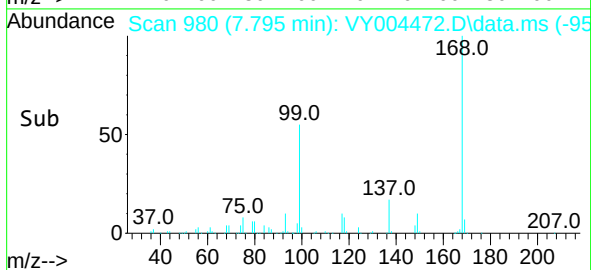
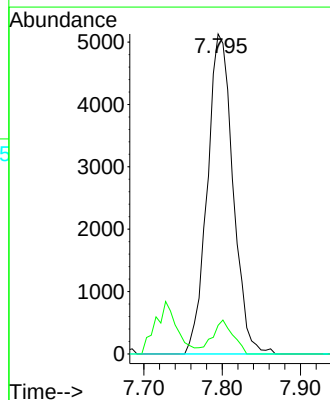
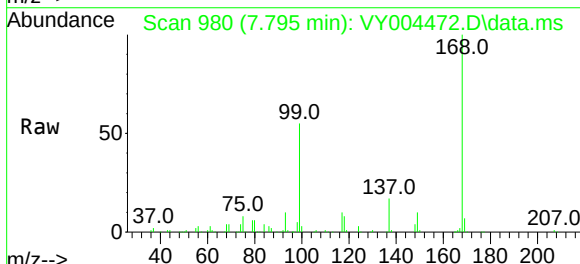
Instrument :
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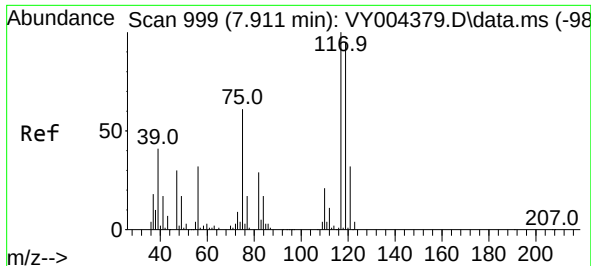
Tgt Ion:	113	Resp:	75810
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	123.8
192	19.3	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.81 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004472.D
Acq: 16 Apr 2021 16:08

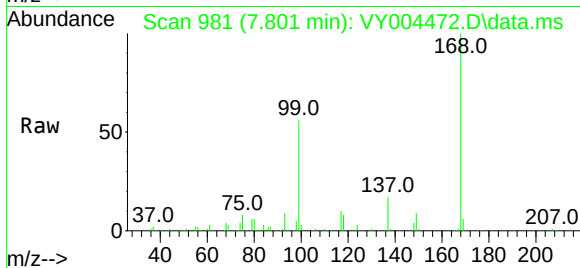
Tgt Ion:	75	Resp:	11704
Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.3	51.7#
77	0.0	24.3	36.5#



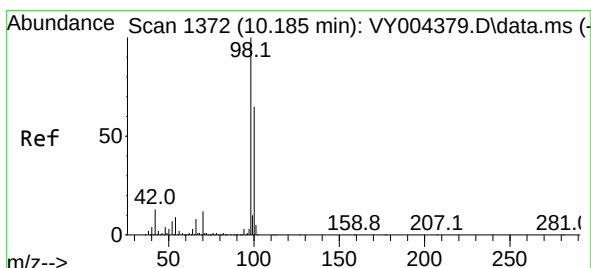
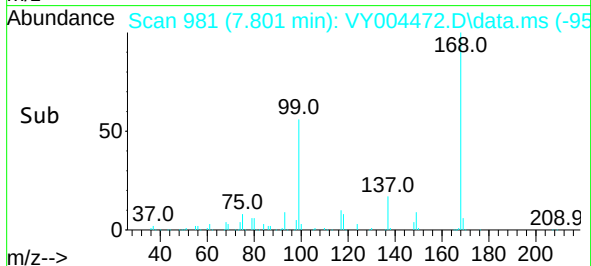
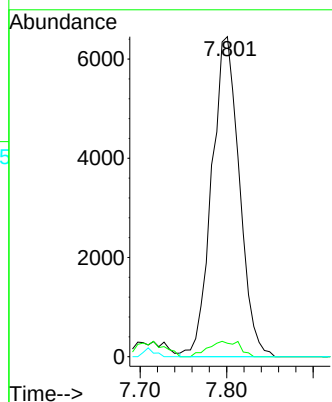


#38
Carbon Tetrachloride
Concen: 6.78 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004472.D
Acq: 16 Apr 2021 16:08

Instrument :
MSVOA_Y
ClientSampleId :
TP-3

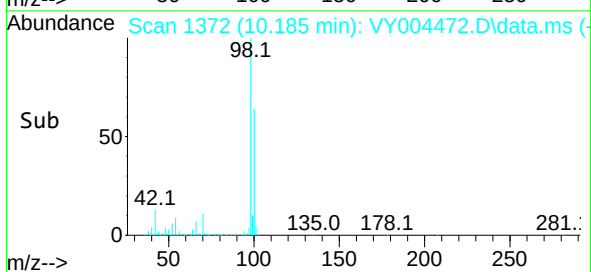
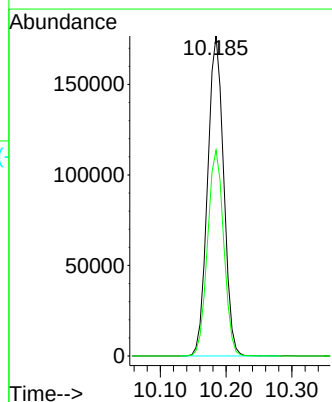
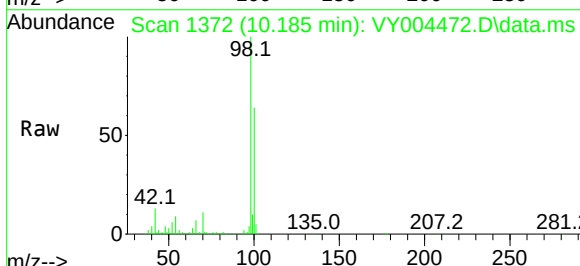


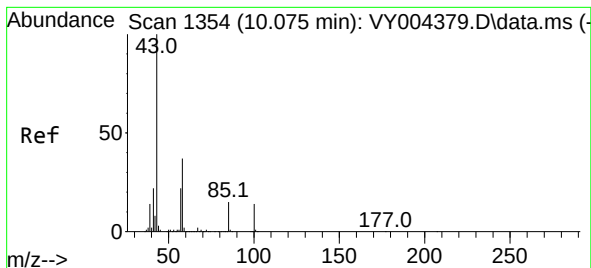
Tgt Ion:117 Resp: 14261
Ion Ratio Lower Upper
117 100
119 4.2 75.8 113.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 51.83 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004472.D
Acq: 16 Apr 2021 16:08

Tgt Ion: 98 Resp: 299762
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6

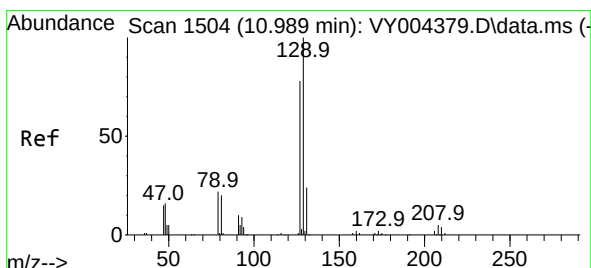
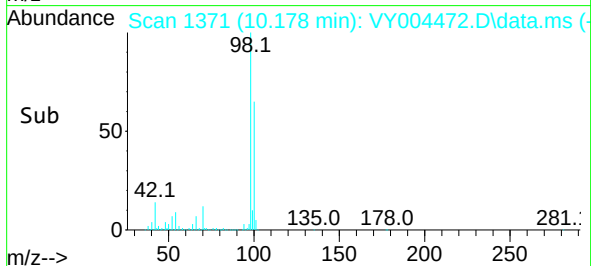
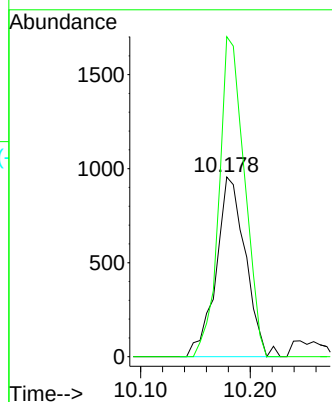
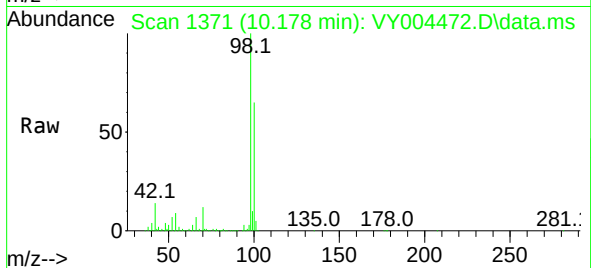




#51
4-Methyl-2-Pentanone
Concen: 1.16 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY004472.D
Acq: 16 Apr 2021 16:08

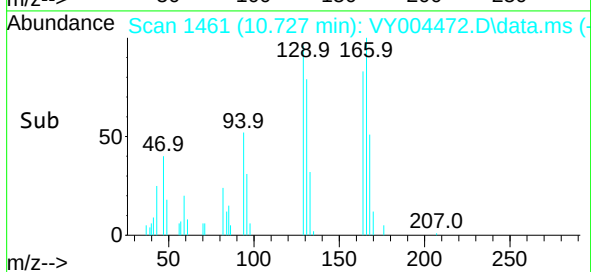
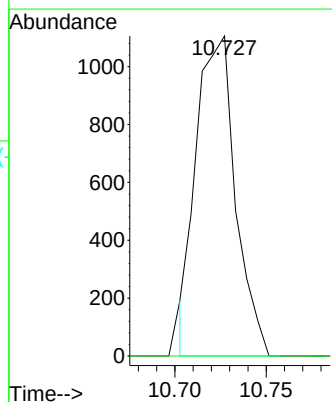
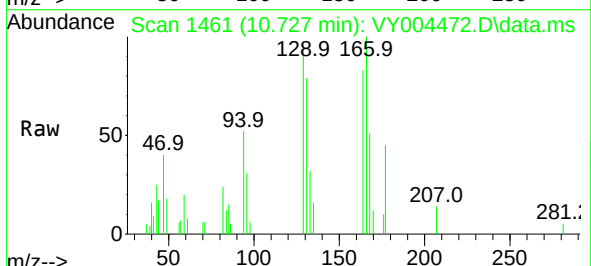
Instrument :
MSVOA_Y
ClientSampled :
TP-3

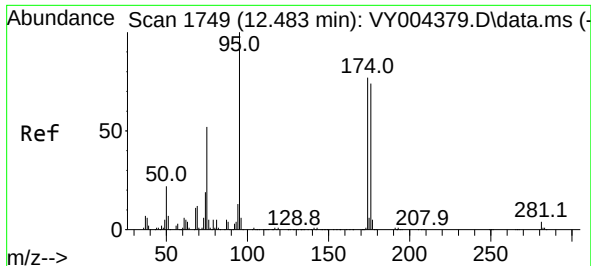
Tgt Ion: 43 Resp: 1774
Ion Ratio Lower Upper
43 100
58 154.9 29.2 43.8#



#60
Dibromochloromethane
Concen: 1.05 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.262 min
Lab File: VY004472.D
Acq: 16 Apr 2021 16:08

Tgt Ion: 129 Resp: 1651
Ion Ratio Lower Upper
129 100
127 0.0 38.9 116.7#

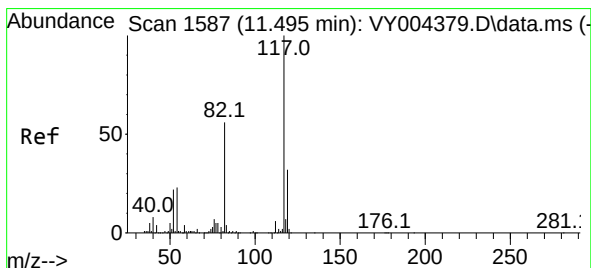
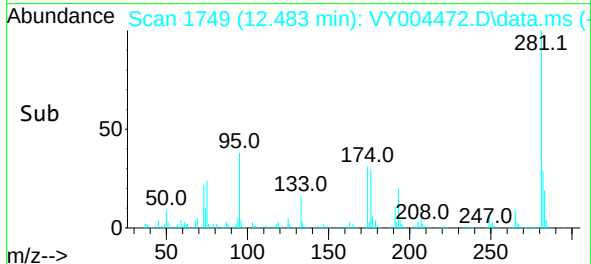
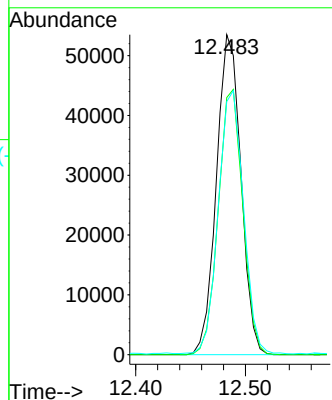
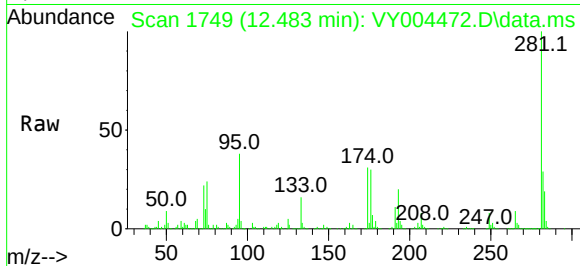




#62
4-Bromofluorobenzene
Concen: 42.31 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004472.D
Acq: 16 Apr 2021 16:08

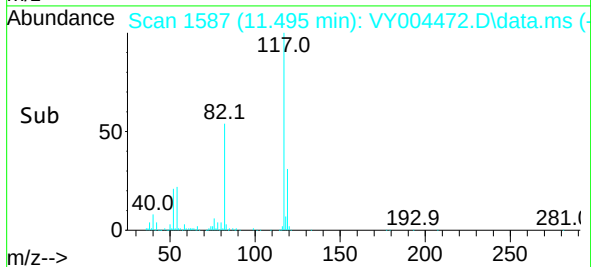
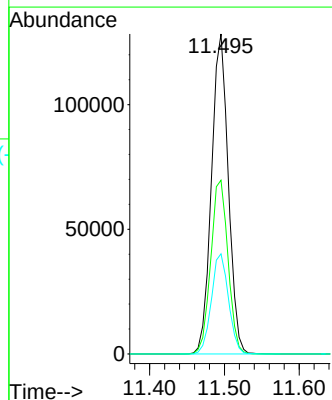
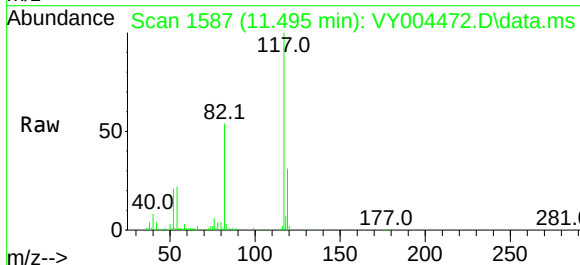
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

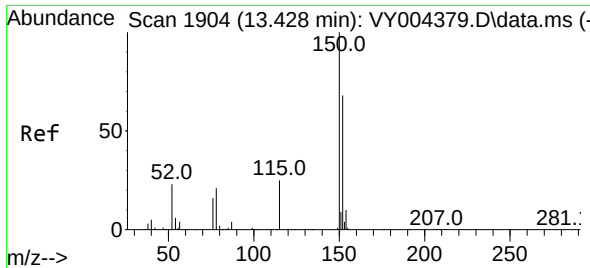
Tgt Ion: 95 Resp: 83036
Ion Ratio Lower Upper
95 100
174 83.0 0.0 162.4
176 84.3 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004472.D
Acq: 16 Apr 2021 16:08

Tgt Ion: 117 Resp: 200960
Ion Ratio Lower Upper
117 100
82 54.3 44.9 67.3
119 31.3 25.4 38.0

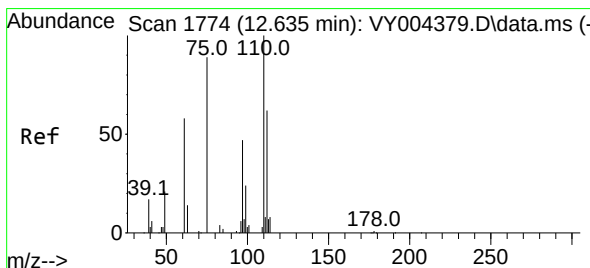
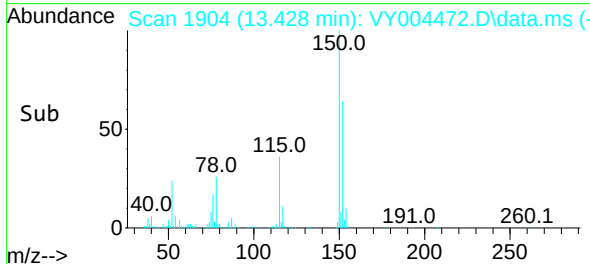
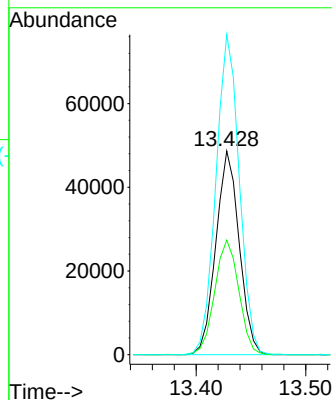
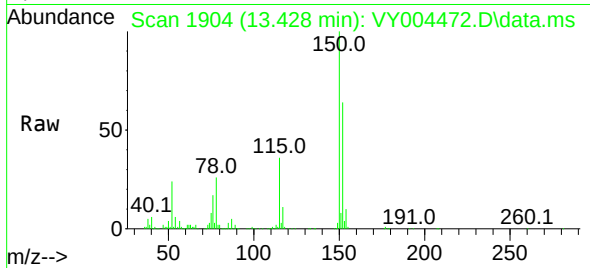




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004472.D
 Acq: 16 Apr 2021 16:08

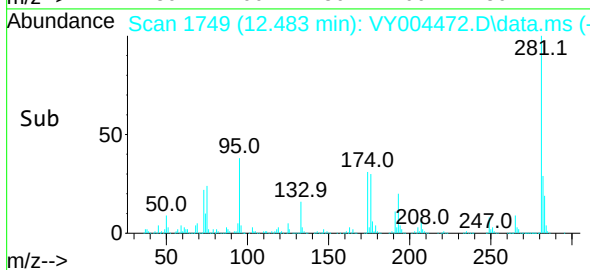
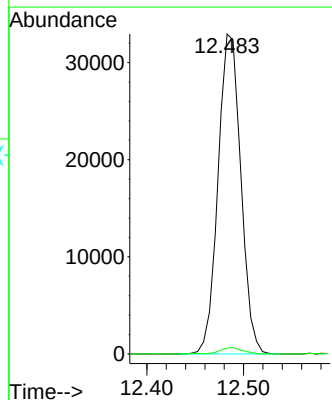
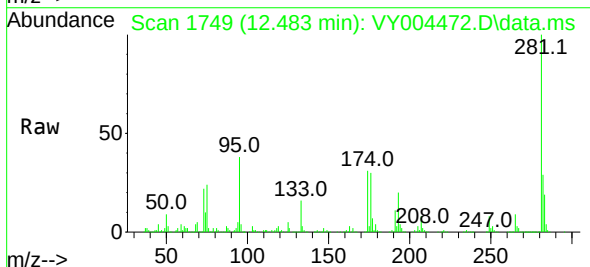
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

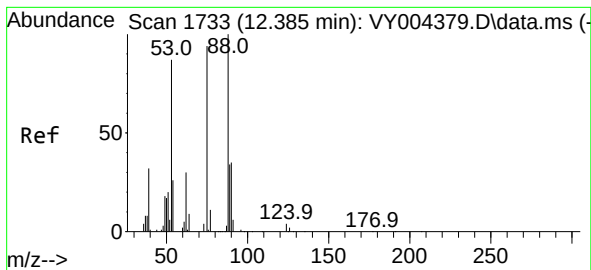
Tgt Ion:152 Resp: 72027
 Ion Ratio Lower Upper
 152 100
 115 58.2 29.6 88.8
 150 157.5 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 69.63 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004472.D
 Acq: 16 Apr 2021 16:08

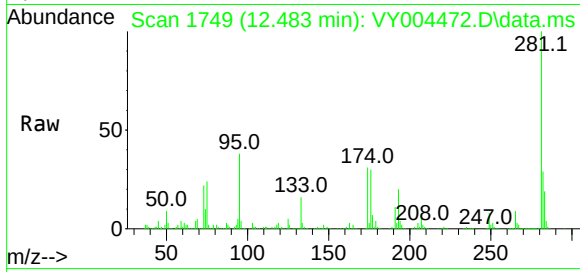
Tgt Ion: 75 Resp: 53831
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 124.57 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY004472.D
Acq: 16 Apr 2021 16:08

Instrument :
MSVOA_Y
ClientSampleId :
TP-3



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	75.0	112.6#
89	5.5	36.1	54.1#

