

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042321\
 Data File : VY004613.D
 Acq On : 23 Apr 2021 18:18
 Operator : SY/MD
 Sample : M2149-12
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 26 10:20:56 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)

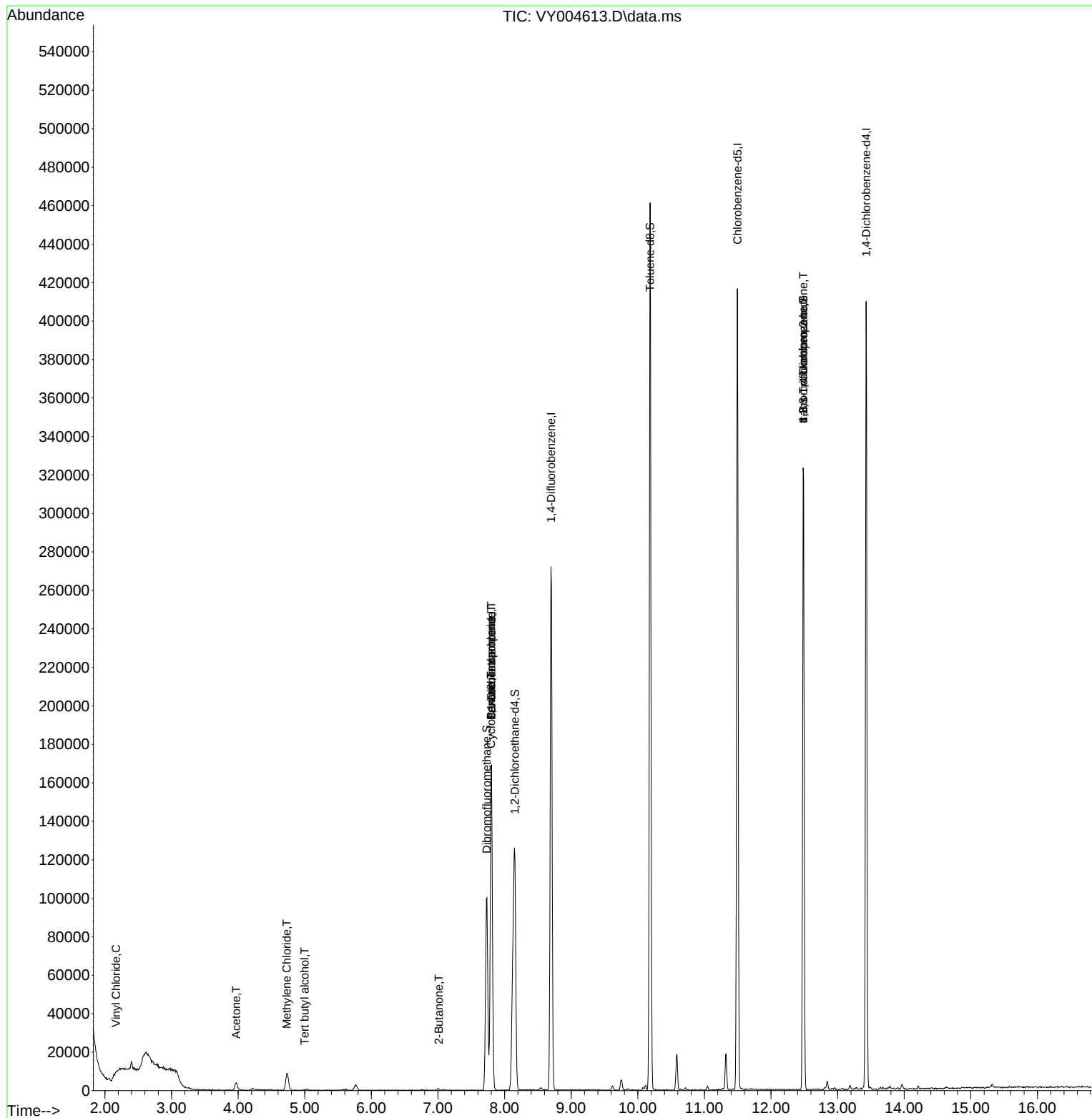
Internal Standards						
1) Pentafluorobenzene	7.801	168	124598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	222504	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	211412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97658	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	82479	59.58	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.16%			
35) Dibromofluoromethane	7.734	113	68960	55.85	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.70%			
50) Toluene-d8	10.185	98	273304	52.03	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.06%			
62) 4-Bromofluorobenzene	12.483	95	92331	51.80	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.60%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.168	62	2026	1.15	ug/l #	43
11) Tert butyl alcohol	4.997	59	354	2.59	ug/l #	73
16) Acetone	3.973	43	7668	7.44	ug/l	98
20) Methylene Chloride	4.728	84	6186	4.63	ug/l	91
25) 2-Butanone	7.015	43	1820	3.45	ug/l #	83
31) Cyclohexane	7.795	56	3117	1.23	ug/l #	14
36) 1,1-Dichloropropene	7.801	75	10525	4.76	ug/l #	51
38) Carbon Tetrachloride	7.801	117	12676	6.63	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	52324	49.92	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	52324	89.30	ug/l #	12

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

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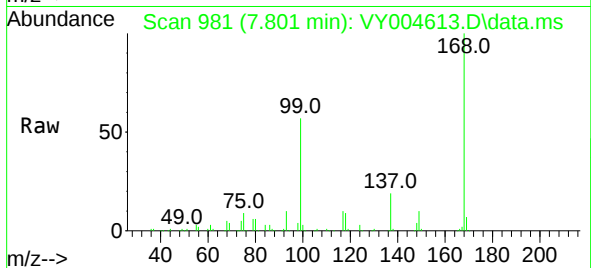
Quant Time: Apr 26 10:20:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration



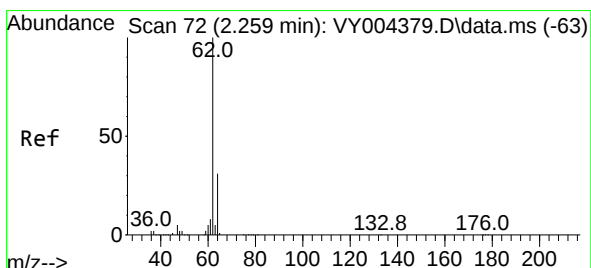
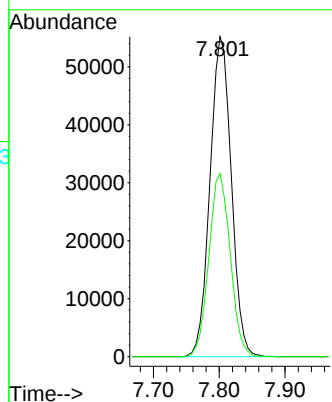
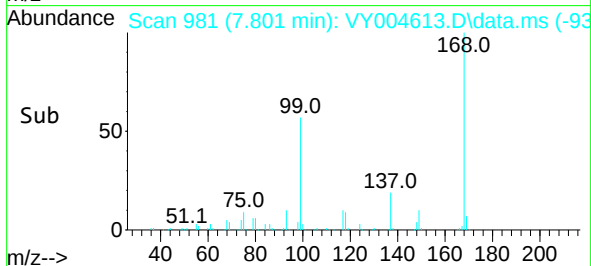


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004613.D
Acq: 23 Apr 2021 18:18

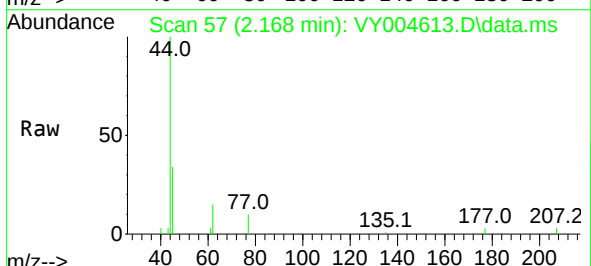
Instrument :
MSVOA_Y
ClientSampled :



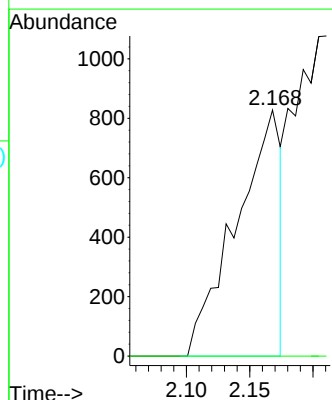
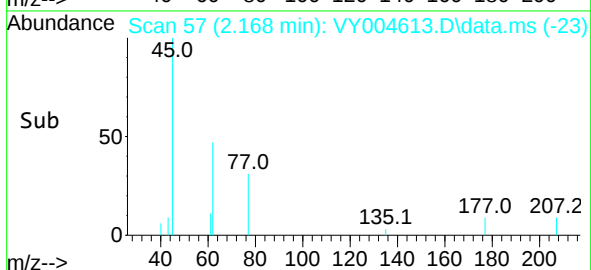
Tgt Ion:168 Resp: 124598
Ion Ratio Lower Upper
168 100
99 57.2 45.5 68.3

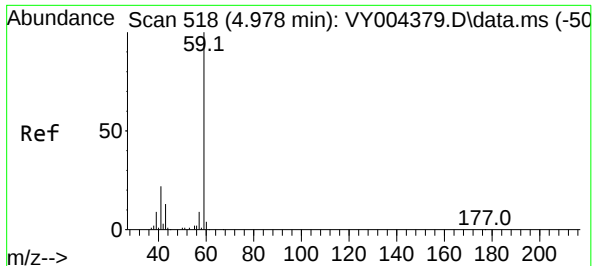


#4
Vinyl Chloride
Concen: 1.15 ug/l
RT: 2.168 min Scan# 57
Delta R.T. -0.091 min
Lab File: VY004613.D
Acq: 23 Apr 2021 18:18



Tgt Ion: 62 Resp: 2026
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

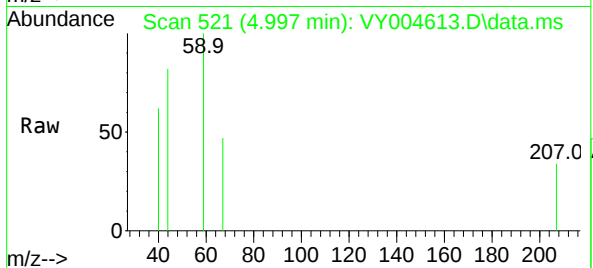




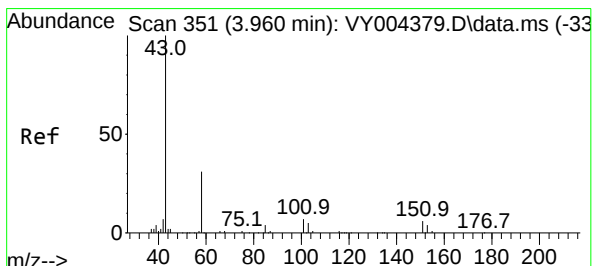
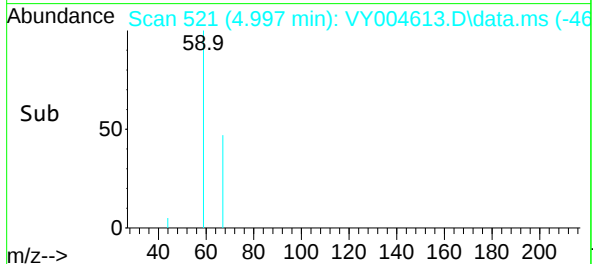
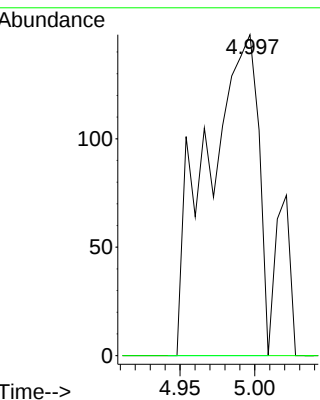
#11

Tert butyl alcohol
Concen: 2.59 ug/l
RT: 4.997 min Scan# 521
Delta R.T. 0.018 min
Lab File: VY004613.D
Acq: 23 Apr 2021 18:18

Instrument :
MSVOA_Y
ClientSampled :



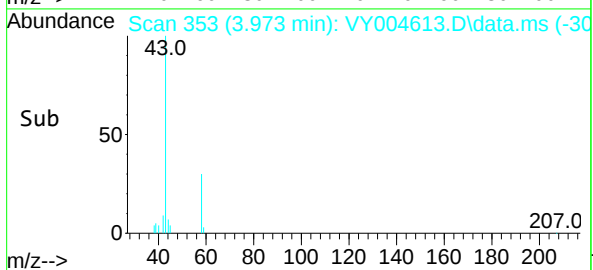
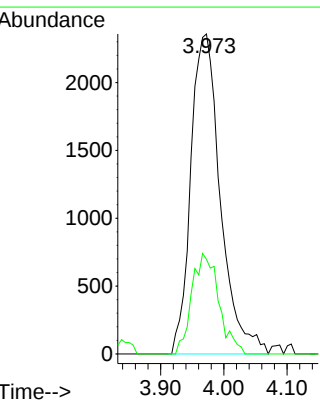
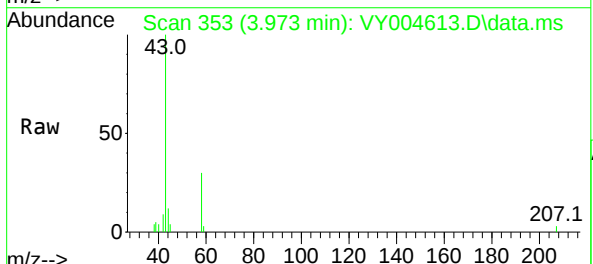
Tgt Ion: 59 Resp: 354
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

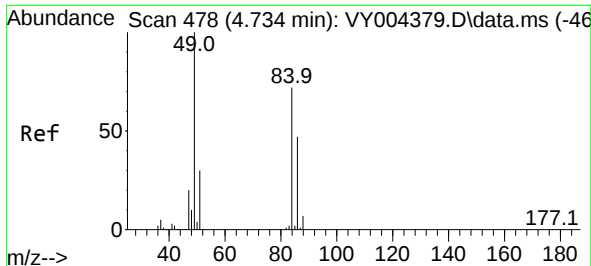


#16

Acetone
Concen: 7.44 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.013 min
Lab File: VY004613.D
Acq: 23 Apr 2021 18:18

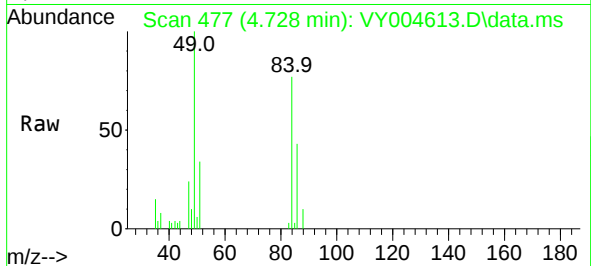
Tgt Ion: 43 Resp: 7668
Ion Ratio Lower Upper
43 100
58 29.6 24.6 37.0





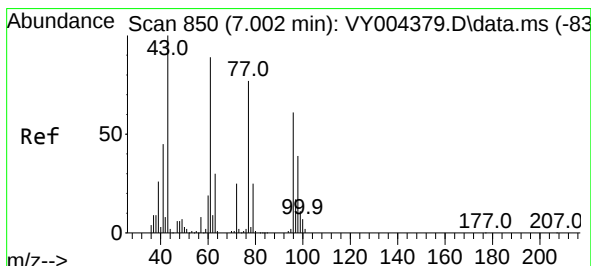
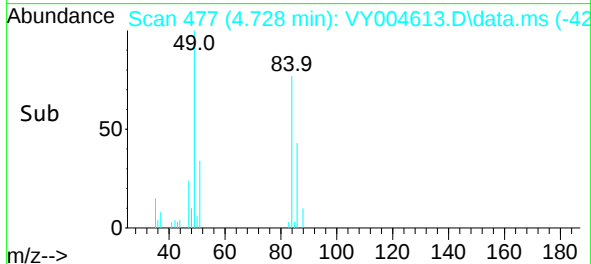
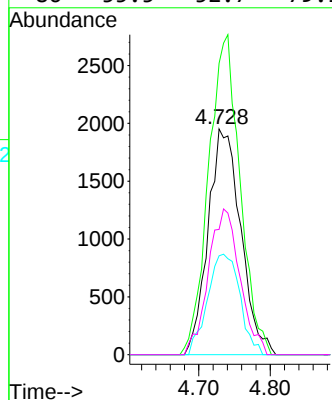
#20
Methylene Chloride
Concen: 4.63 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004613.D
Acq: 23 Apr 2021 18:18

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 6186

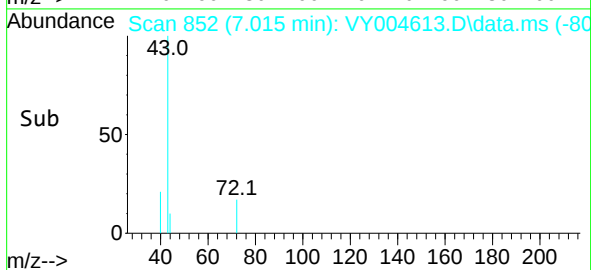
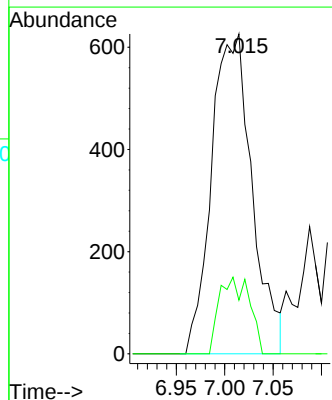
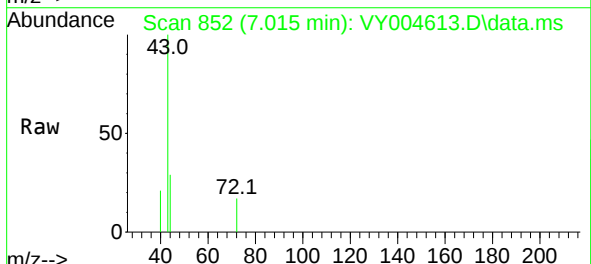
Ion	Ratio	Lower	Upper
84	100		
49	129.0	111.2	166.8
51	43.8	33.4	50.2
86	55.5	52.7	79.1

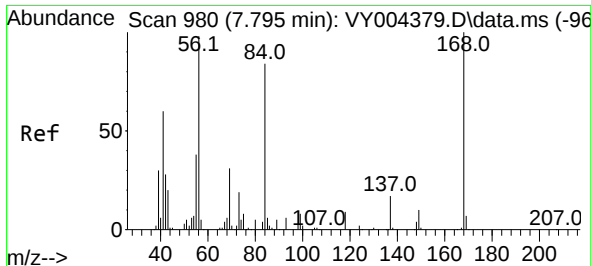


#25
2-Butanone
Concen: 3.45 ug/l
RT: 7.015 min Scan# 852
Delta R.T. 0.012 min
Lab File: VY004613.D
Acq: 23 Apr 2021 18:18

Tgt Ion: 43 Resp: 1820

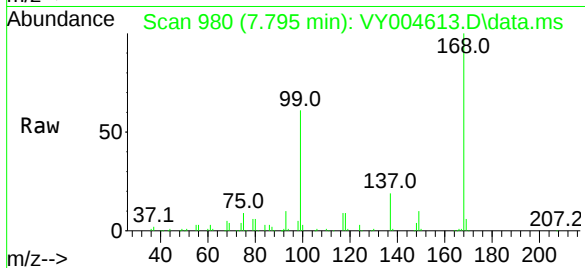
Ion	Ratio	Lower	Upper
43	100		
72	16.8	20.2	30.2#



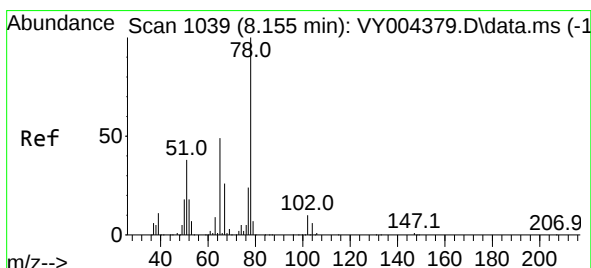
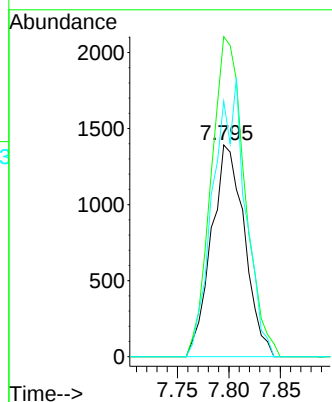
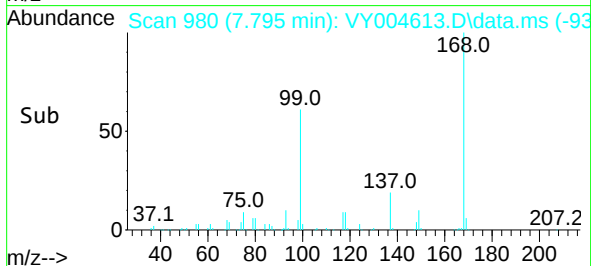


#31
Cyclohexane
Concen: 1.23 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004613.D
Acq: 23 Apr 2021 18:18

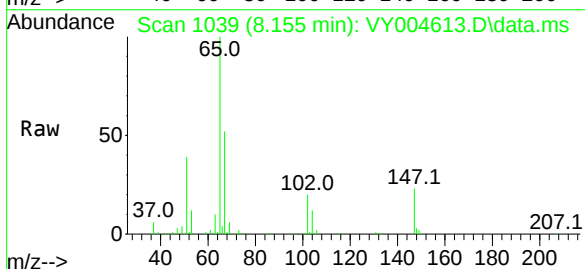
Instrument :
MSVOA_Y
ClientSampled :



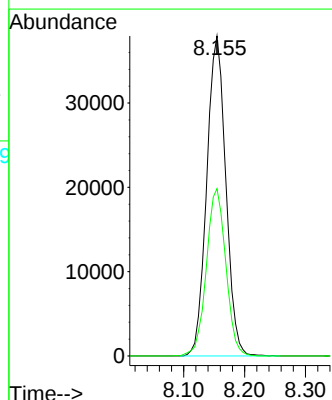
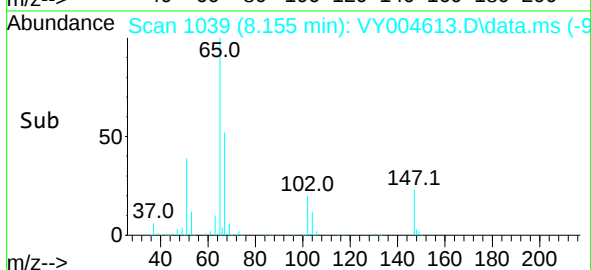
Tgt Ion: 56 Resp: 3117
Ion Ratio Lower Upper
56 100
69 151.1 25.8 38.6#
84 120.6 68.2 102.4#

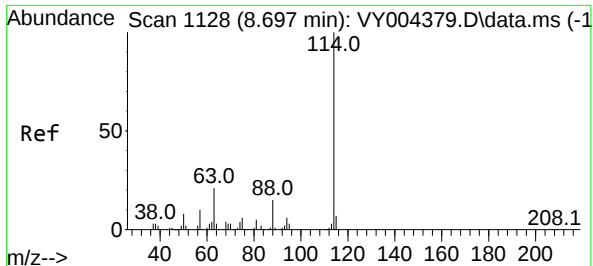


#33
1,2-Dichloroethane-d4
Concen: 59.58 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004613.D
Acq: 23 Apr 2021 18:18



Tgt Ion: 65 Resp: 82479
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.4

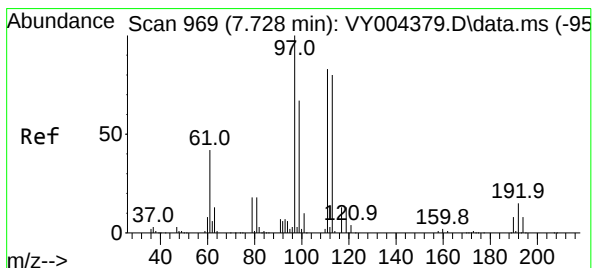
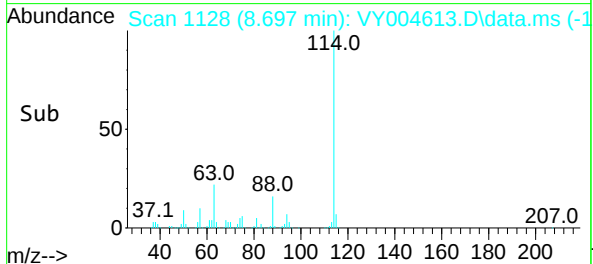
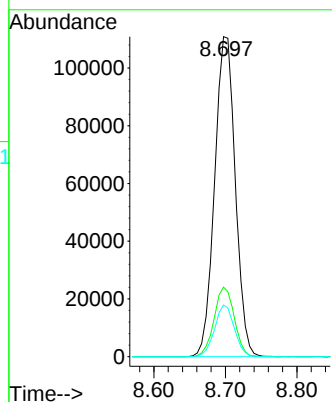
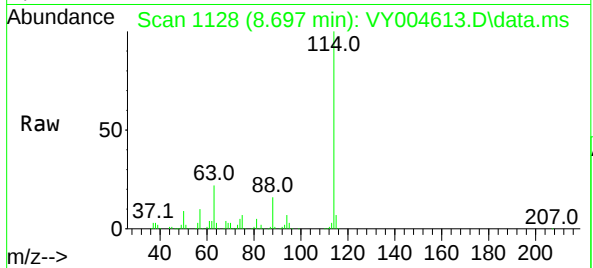




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004613.D
Acq: 23 Apr 2021 18:18

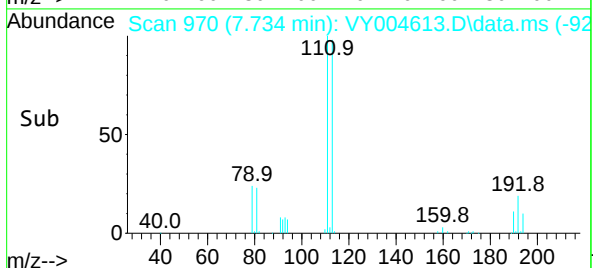
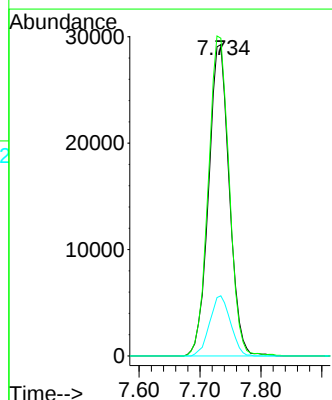
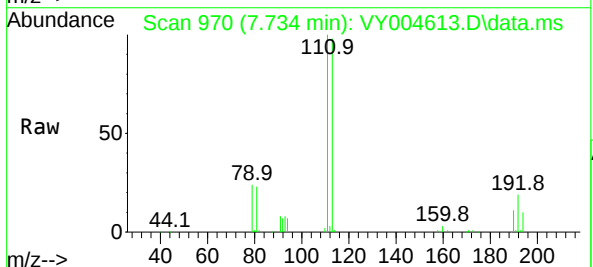
Instrument :
MSVOA_Y
ClientSampleId :

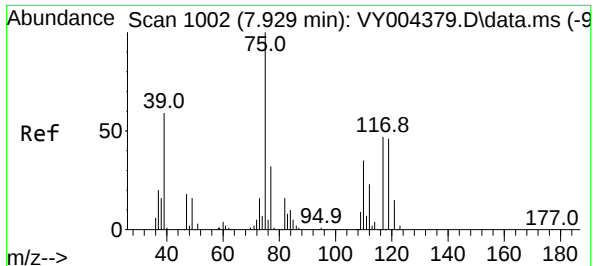
Tgt Ion:114 Resp: 222504
Ion Ratio Lower Upper
114 100
63 21.8 0.0 42.4
88 16.1 0.0 30.8



#35
Dibromofluoromethane
Concen: 55.85 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004613.D
Acq: 23 Apr 2021 18:18

Tgt Ion:113 Resp: 68960
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 19.4 16.1 24.1

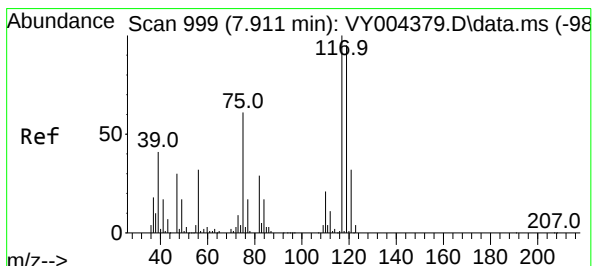
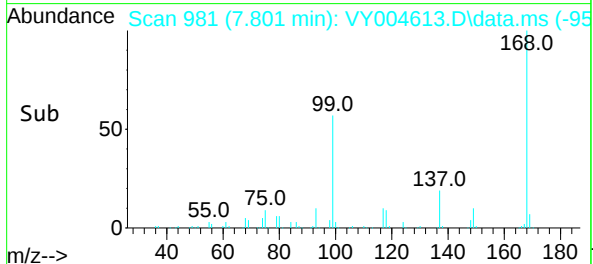
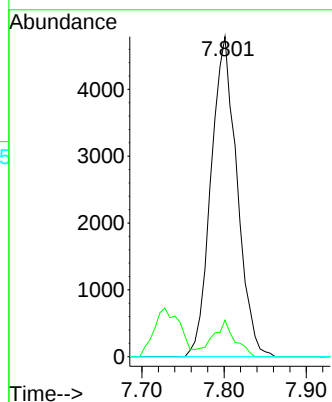
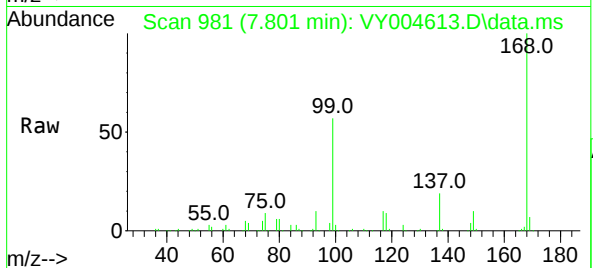




#36
1,1-Dichloropropene
Concen: 4.76 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004613.D
Acq: 23 Apr 2021 18:18

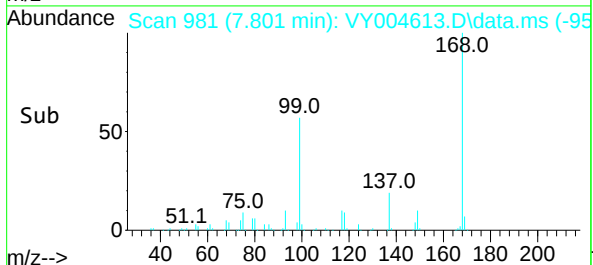
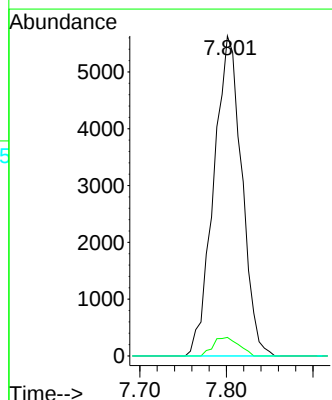
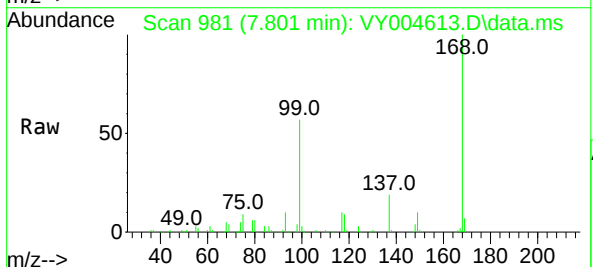
Instrument :
MSVOA_Y
ClientSampleId :

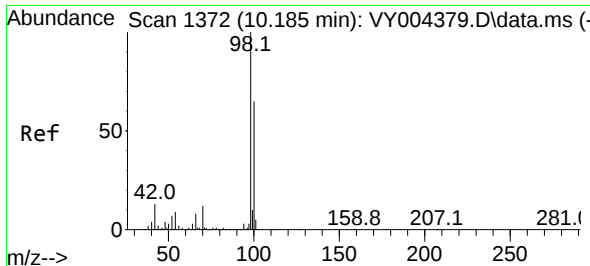
Tgt Ion: 75 Resp: 10525
Ion Ratio Lower Upper
75 100
110 9.7 17.3 51.7#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.63 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004613.D
Acq: 23 Apr 2021 18:18

Tgt Ion: 117 Resp: 12676
Ion Ratio Lower Upper
117 100
119 5.8 75.8 113.8#
121 0.0 25.3 37.9#

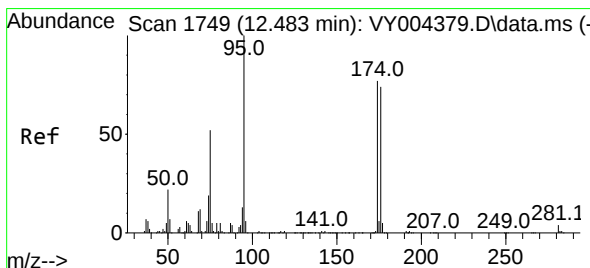
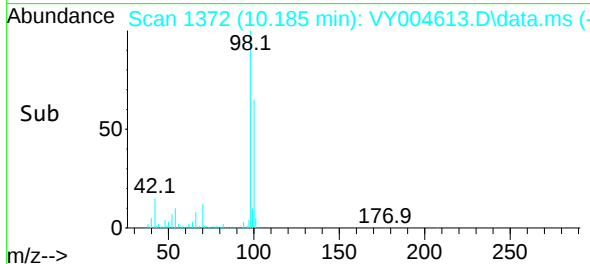
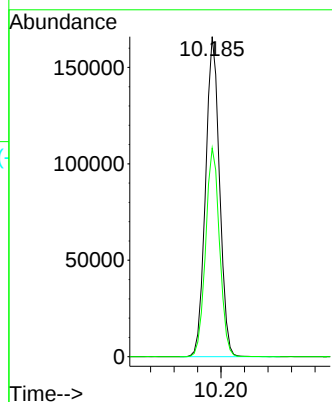
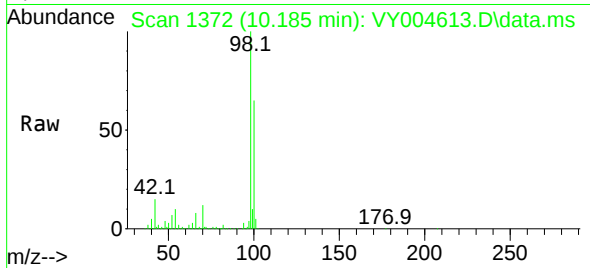




#50
Toluene-d8
Concen: 52.03 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004613.D
Acq: 23 Apr 2021 18:18

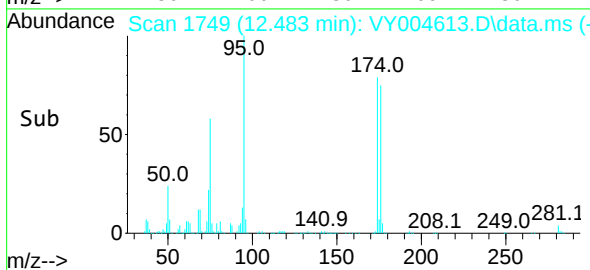
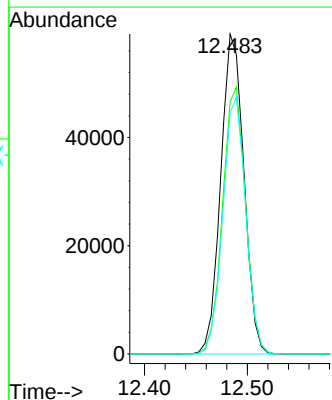
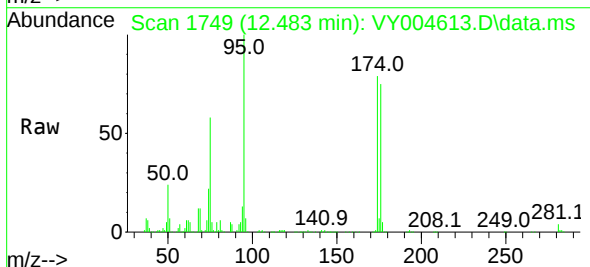
Instrument :
MSVOA_Y
ClientSampleId :

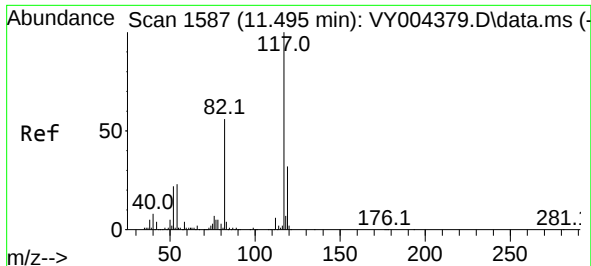
Tgt Ion: 98 Resp: 273304
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 51.80 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004613.D
Acq: 23 Apr 2021 18:18

Tgt Ion: 95 Resp: 92331
Ion Ratio Lower Upper
95 100
174 83.2 0.0 162.4
176 79.6 0.0 156.0

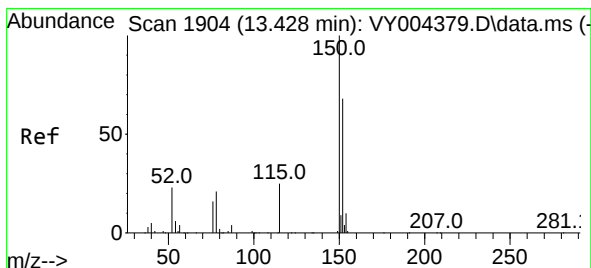
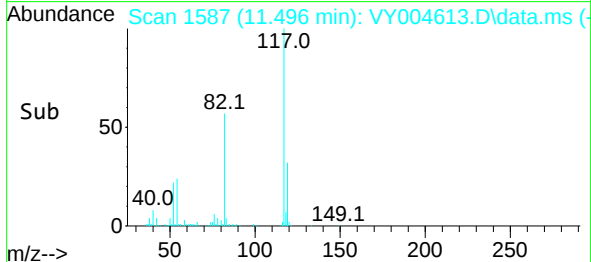
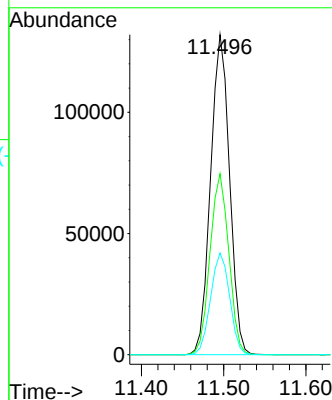
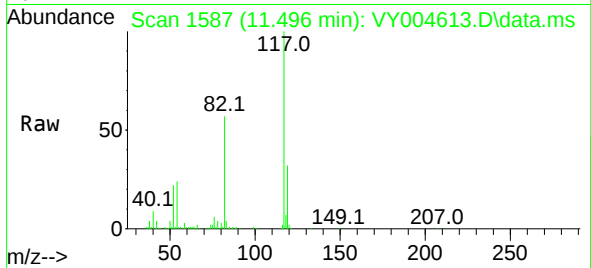




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004613.D
Acq: 23 Apr 2021 18:18

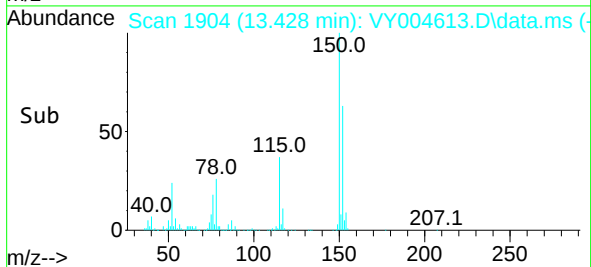
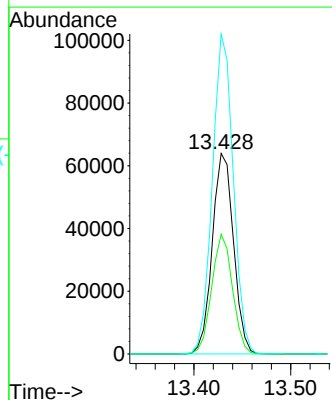
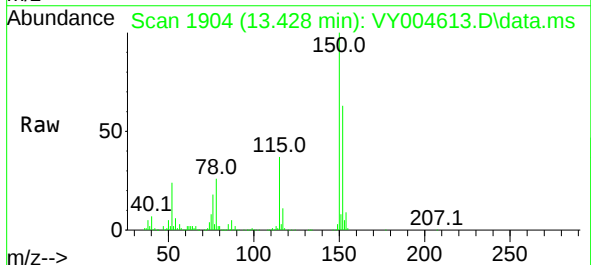
Instrument :
MSVOA_Y
ClientSampleId :

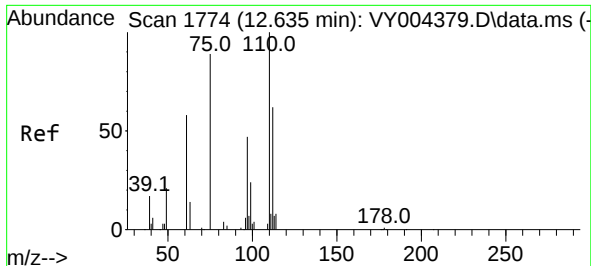
Tgt Ion:117 Resp: 211412
Ion Ratio Lower Upper
117 100
82 56.6 44.9 67.3
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004613.D
Acq: 23 Apr 2021 18:18

Tgt Ion:152 Resp: 97658
Ion Ratio Lower Upper
152 100
115 58.3 29.6 88.8
150 156.7 0.0 348.4

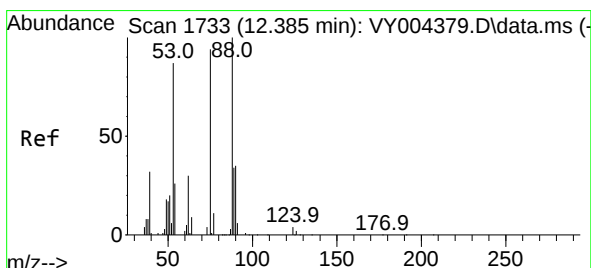
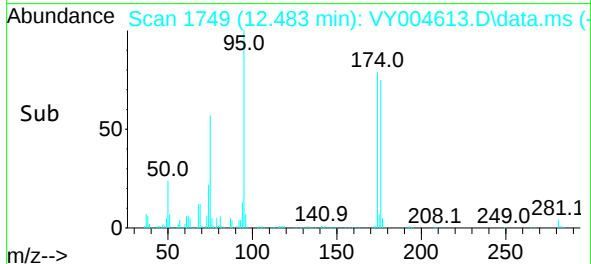
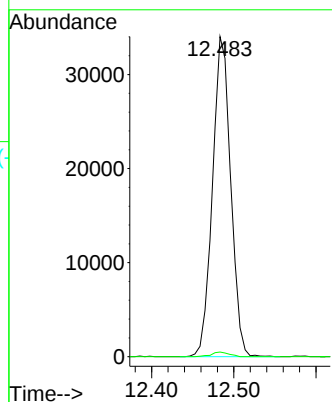
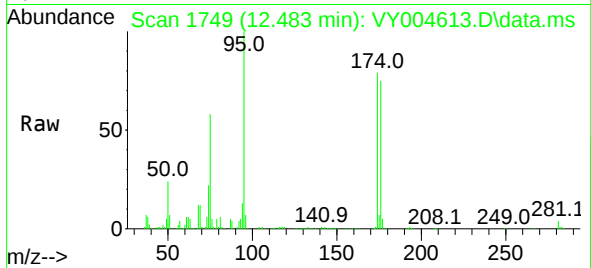




#76
1,2,3-Trichloropropane
Concen: 49.92 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004613.D
Acq: 23 Apr 2021 18:18

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 52324
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.30 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004613.D
Acq: 23 Apr 2021 18:18

Tgt Ion: 75 Resp: 52324
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.1 36.1 54.1#

