

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031821\
 Data File : VY004118.D
 Acq On : 18 Mar 2021 13:49
 Operator : SY/MD
 Sample : M1706-01
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P-1

Quant Time: Mar 19 01:42:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	192571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	336320	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	315431	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150917	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	101631	53.48	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.96%
35) Dibromofluoromethane	7.728	113	102988	54.30	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.60%
50) Toluene-d8	10.185	98	396827	53.37	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.74%
62) 4-Bromofluorobenzene	12.483	95	140617	51.21	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.42%

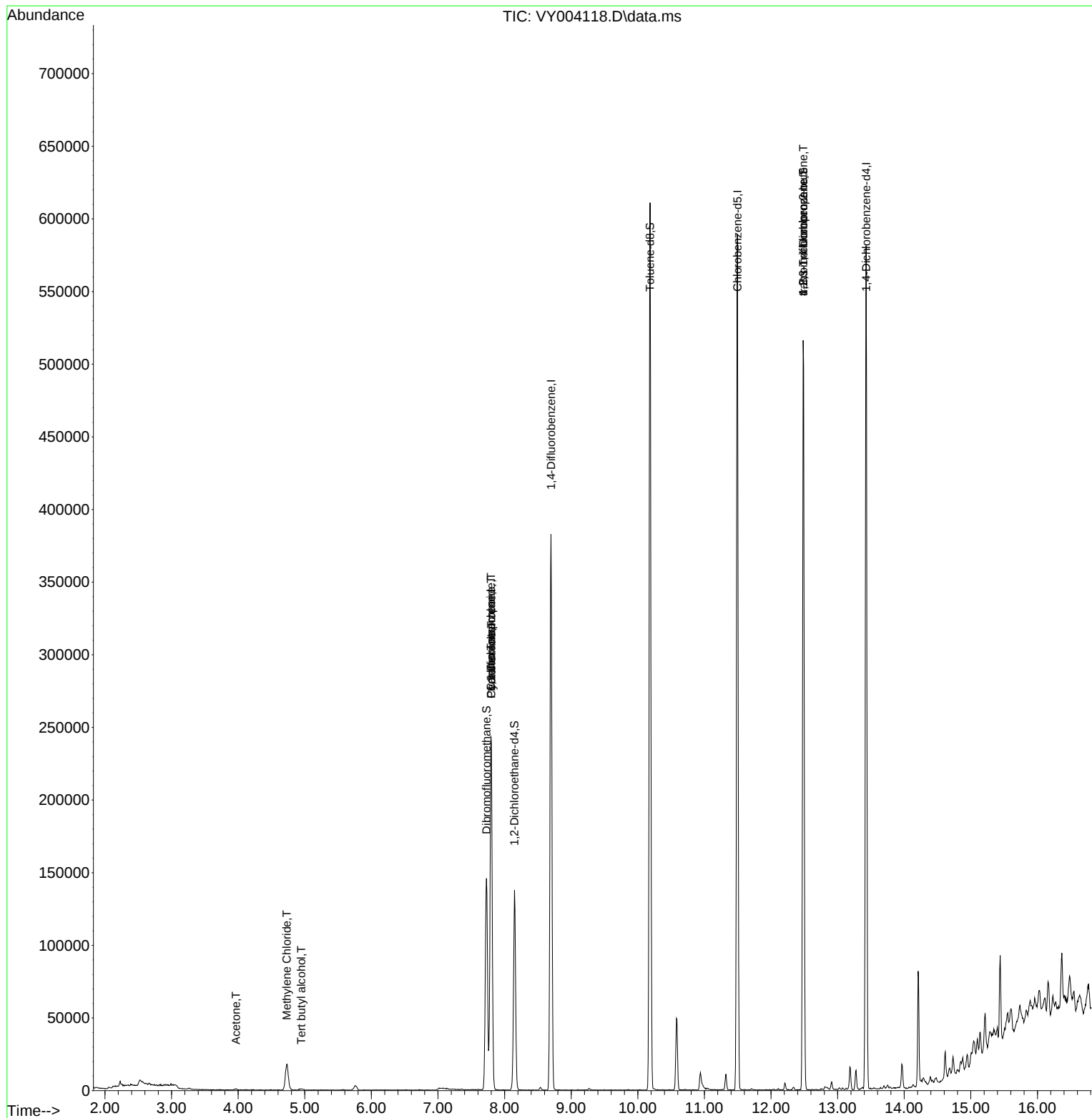
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	59	Below Cal	#	41
3) Chloromethane	2.113	50	492	Below Cal	#	86
11) Tert butyl alcohol	4.948	59	783	4.56	ug/l #	76
16) Acetone	3.966	43	1241	2.71	ug/l #	77
20) Methylene Chloride	4.729	84	14221	2.99	ug/l	90
31) Cyclohexane	7.801	56	3690	1.11	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	14093	4.77	ug/l #	50
38) Carbon Tetrachloride	7.795	117	19313	6.16	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	73879	51.05	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	73879	100.76	ug/l #	13

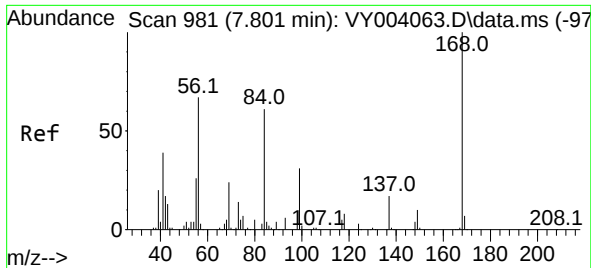
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampled :
P-1

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

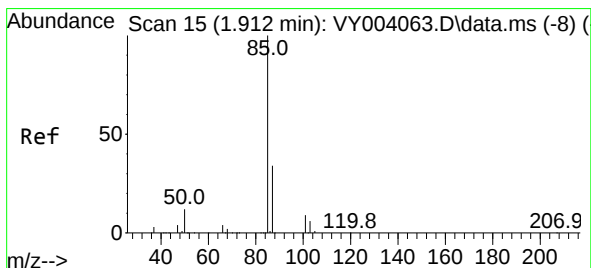
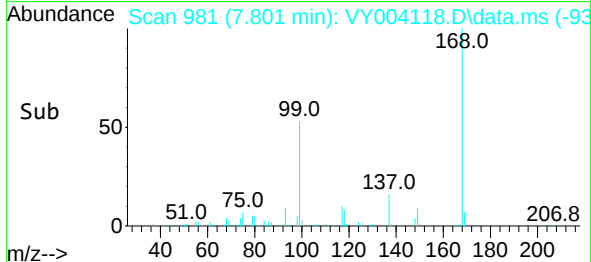
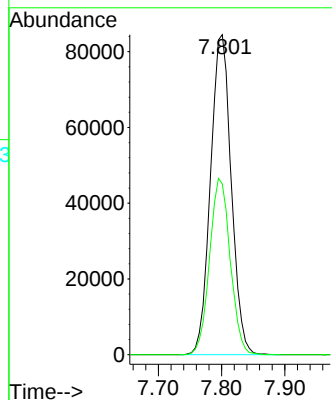
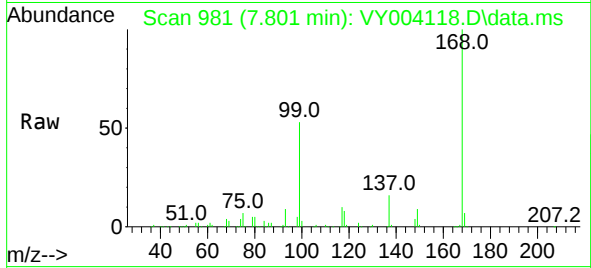




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004118.D
Acq: 18 Mar 2021 13:49

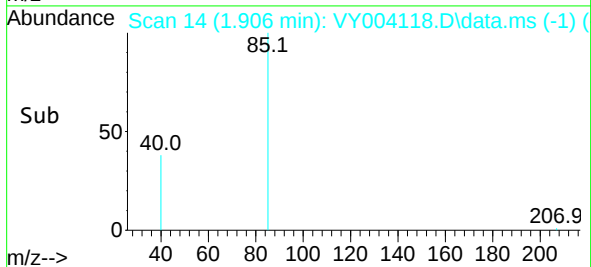
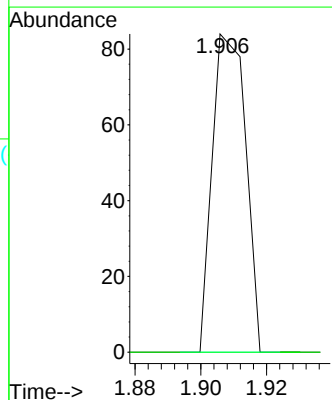
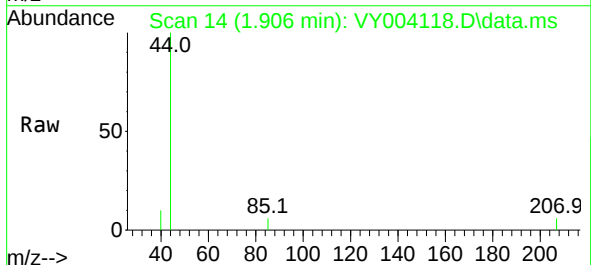
Instrument :
MSVOA_Y
ClientSampled :
P-1

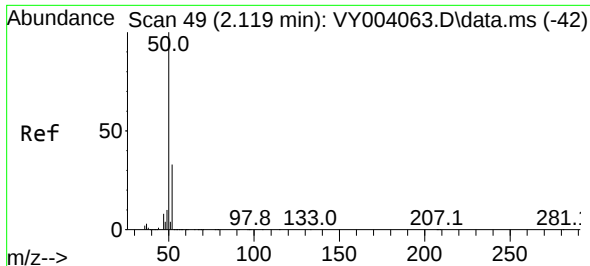
Tgt Ion:168 Resp: 192571
Ion Ratio Lower Upper
168 100
99 53.4 41.2 61.8



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY004118.D
Acq: 18 Mar 2021 13:49

Tgt Ion: 85 Resp: 59
Ion Ratio Lower Upper
85 100
87 0.0 17.0 51.0#

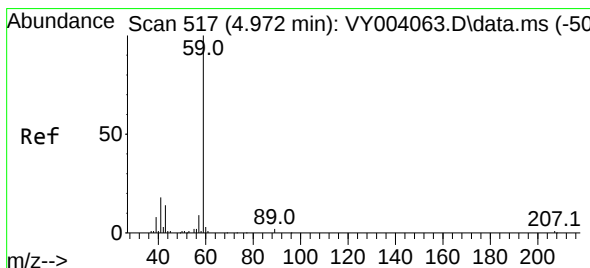
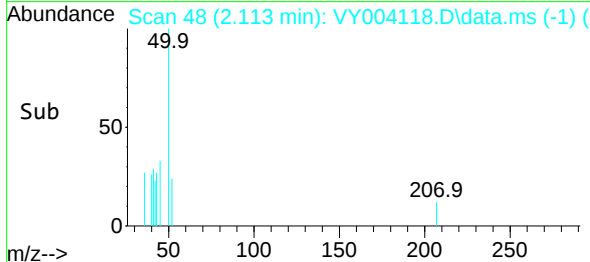
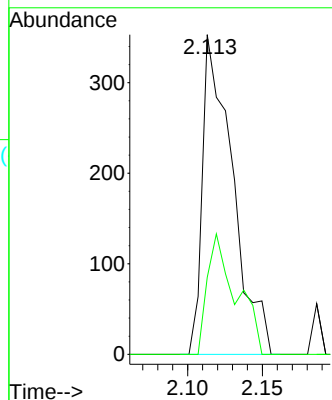
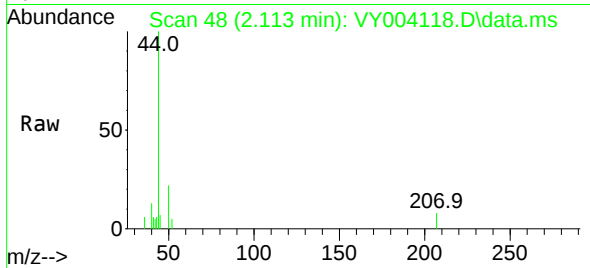




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY004118.D
Acq: 18 Mar 2021 13:49

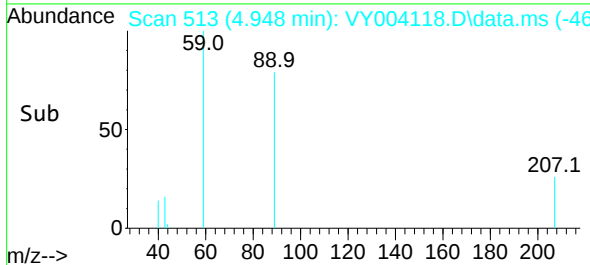
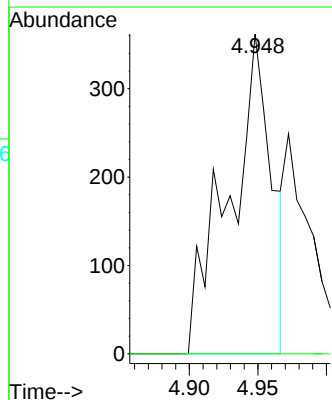
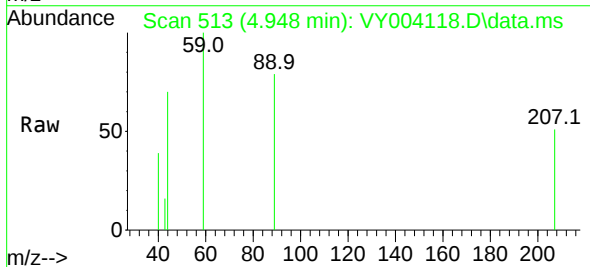
Instrument :
MSVOA_Y
ClientSampled :
P-1

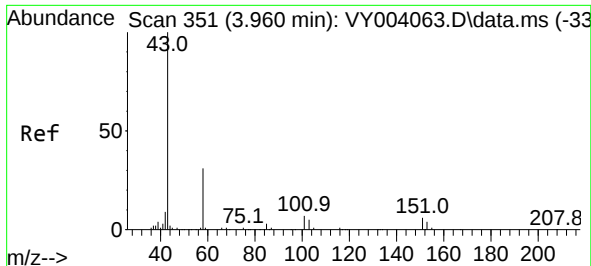
Tgt Ion: 50 Resp: 492
Ion Ratio Lower Upper
50 100
52 24.1 25.4 38.2#



#11
Tert butyl alcohol
Concen: 4.56 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.024 min
Lab File: VY004118.D
Acq: 18 Mar 2021 13:49

Tgt Ion: 59 Resp: 783
Ion Ratio Lower Upper
59 100
57 0.0 6.9 10.3#

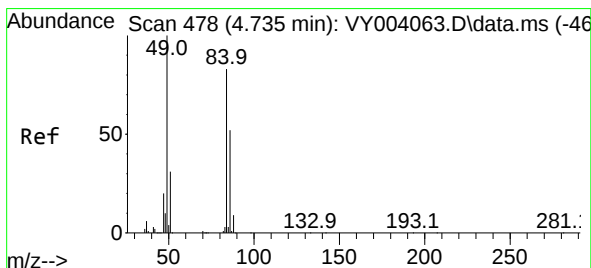
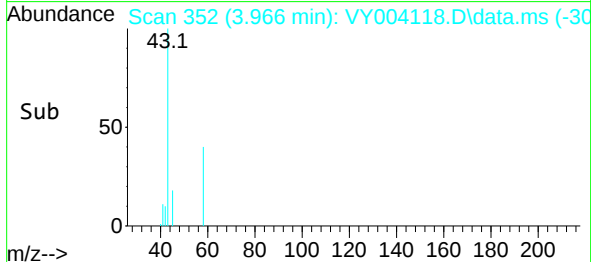
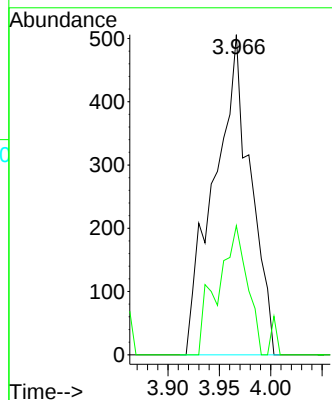
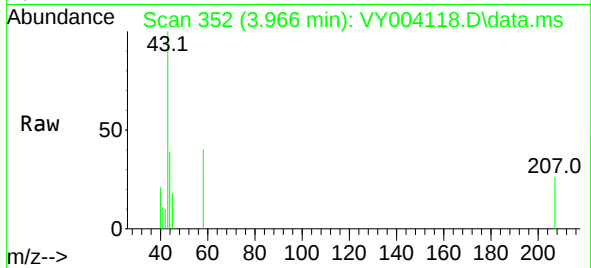




#16
Acetone
Concen: 2.71 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004118.D
Acq: 18 Mar 2021 13:49

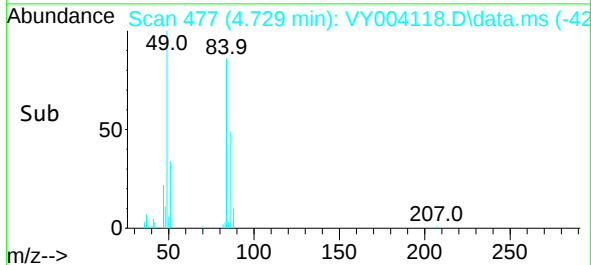
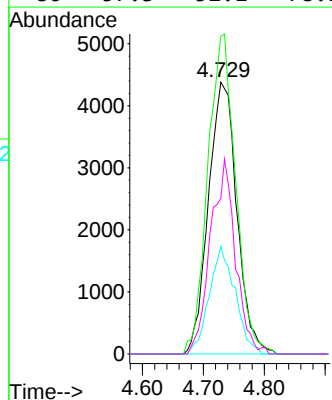
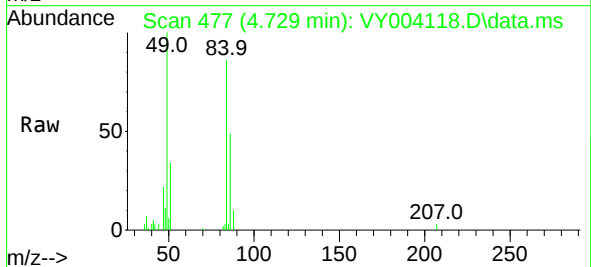
Instrument :
MSVOA_Y
ClientSampleId :
P-1

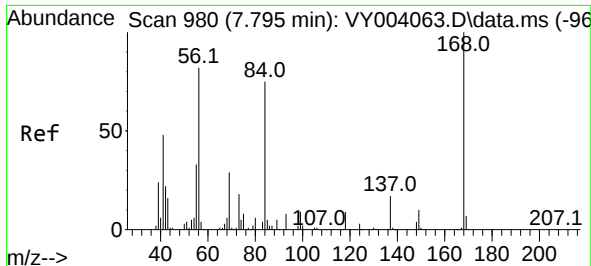
Tgt Ion: 43 Resp: 1241
Ion Ratio Lower Upper
43 100
58 40.3 22.6 34.0#



#20
Methylene Chloride
Concen: 2.99 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004118.D
Acq: 18 Mar 2021 13:49

Tgt Ion: 84 Resp: 14221
Ion Ratio Lower Upper
84 100
49 116.9 105.8 158.6
51 39.6 32.6 48.8
86 57.3 52.1 78.1

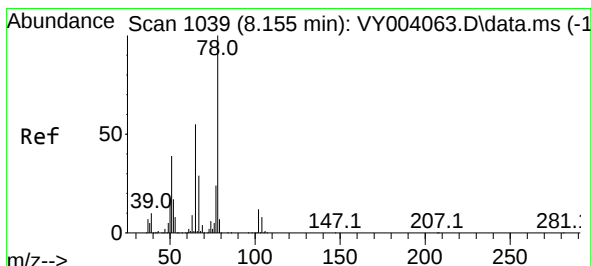
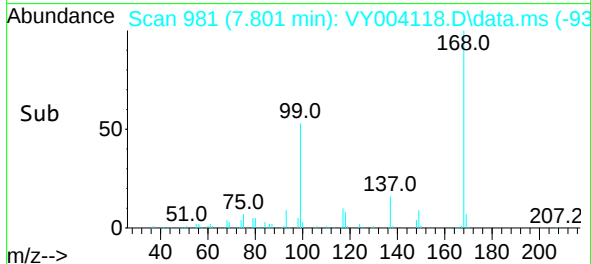
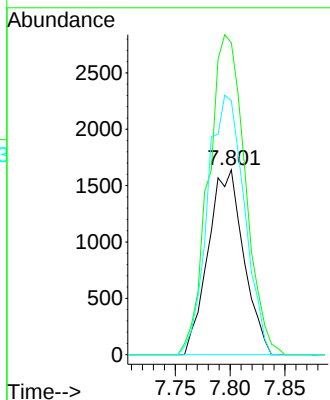
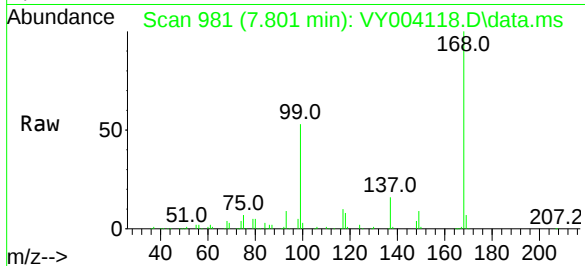




#31
Cyclohexane
Concen: 1.11 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004118.D
Acq: 18 Mar 2021 13:49

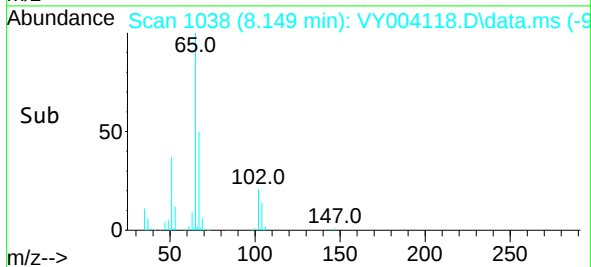
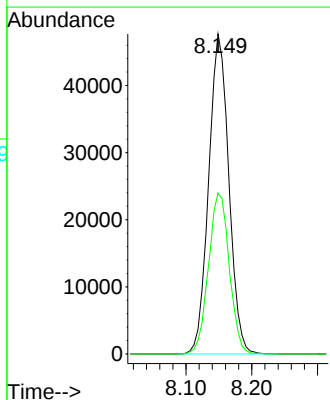
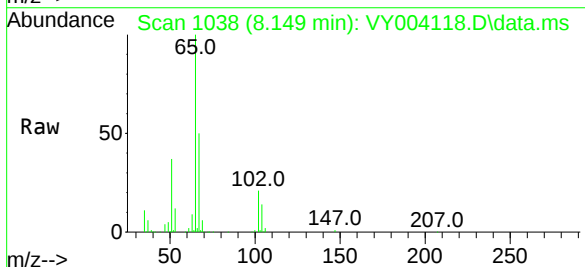
Instrument :
MSVOA_Y
ClientSampleId :
P-1

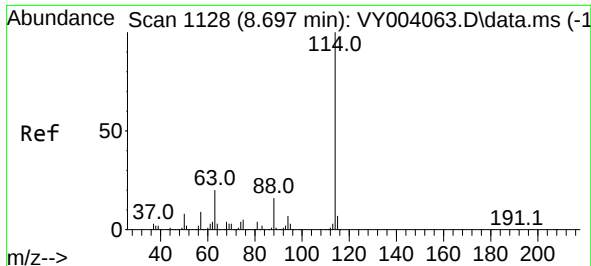
Tgt Ion: 56 Resp: 3690
Ion Ratio Lower Upper
56 100
69 168.8 25.3 37.9#
84 144.4 67.3 100.9#



#33
1,2-Dichloroethane-d4
Concen: 53.48 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004118.D
Acq: 18 Mar 2021 13:49

Tgt Ion: 65 Resp: 101631
Ion Ratio Lower Upper
65 100
67 51.9 0.0 101.4

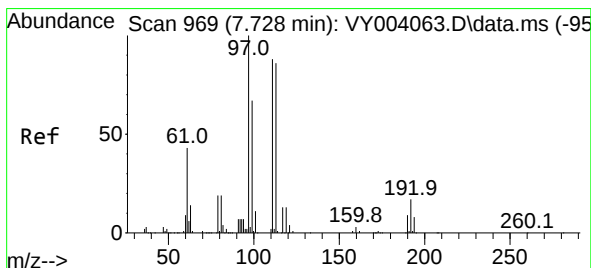
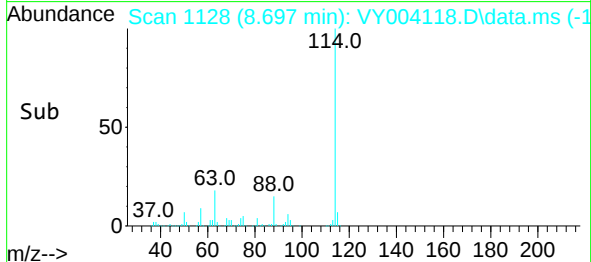
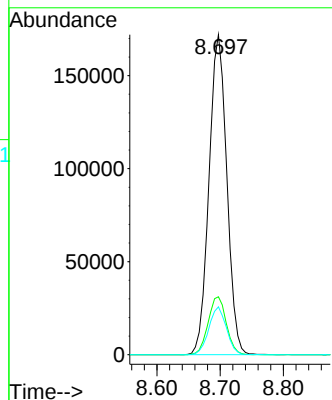
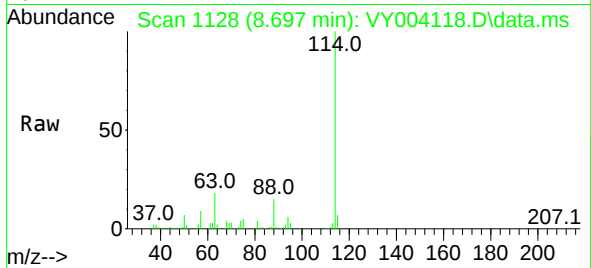




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004118.D
Acq: 18 Mar 2021 13:49

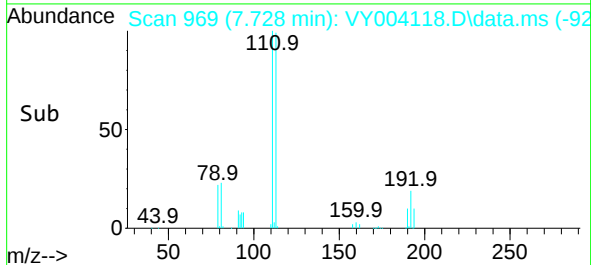
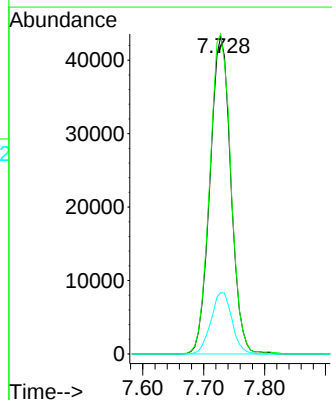
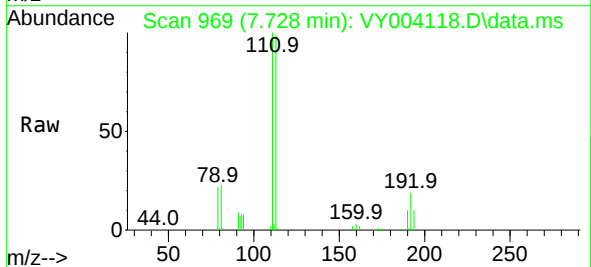
Instrument :
MSVOA_Y
ClientSampled :
P-1

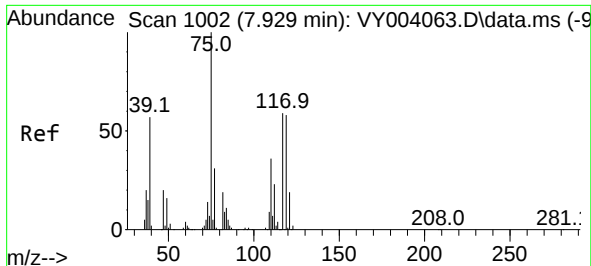
Tgt Ion:	114	Resp:	336320
Ion Ratio	Lower	Upper	
114	100		
63	18.1	0.0	41.6
88	14.9	0.0	31.4



#35
Dibromofluoromethane
Concen: 54.30 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004118.D
Acq: 18 Mar 2021 13:49

Tgt Ion:	113	Resp:	102988
Ion Ratio	Lower	Upper	
113	100		
111	102.5	83.2	124.8
192	19.4	18.5	27.7

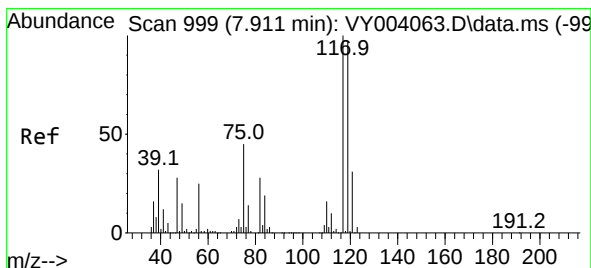
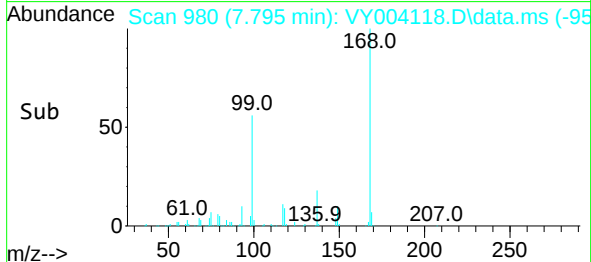
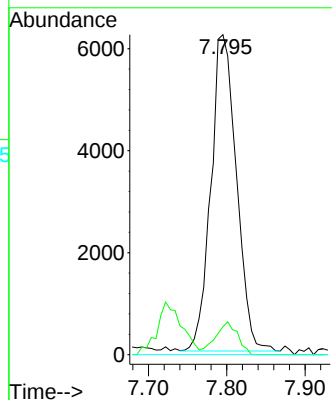
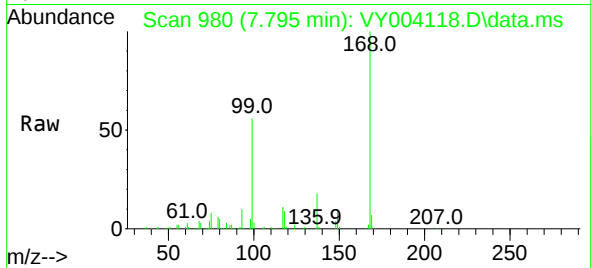




#36
1,1-Dichloropropene
Concen: 4.77 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004118.D
Acq: 18 Mar 2021 13:49

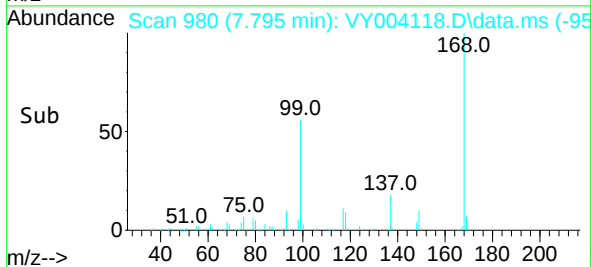
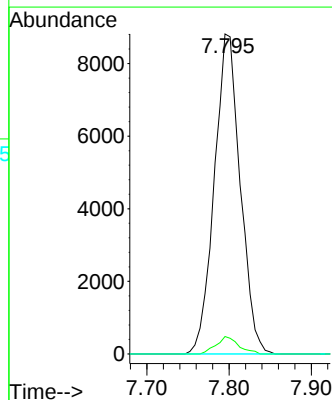
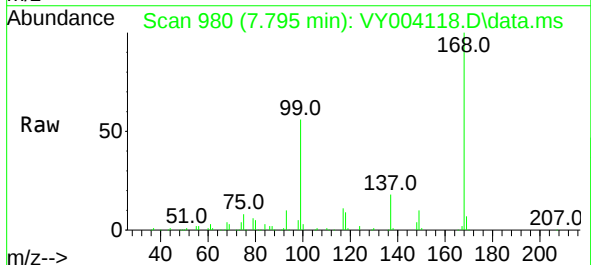
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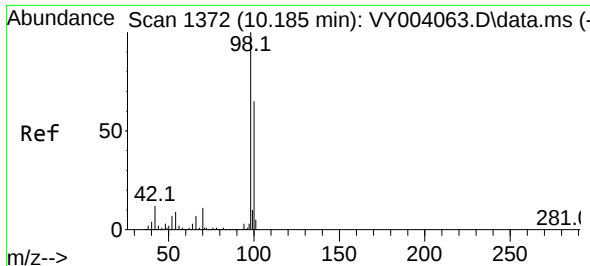
Tgt Ion: 75 Resp: 14093
Ion Ratio Lower Upper
75 100
110 9.0 17.4 52.3#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.16 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004118.D
Acq: 18 Mar 2021 13:49

Tgt Ion: 117 Resp: 19313
Ion Ratio Lower Upper
117 100
119 5.5 75.4 113.0#
121 0.0 24.2 36.2#

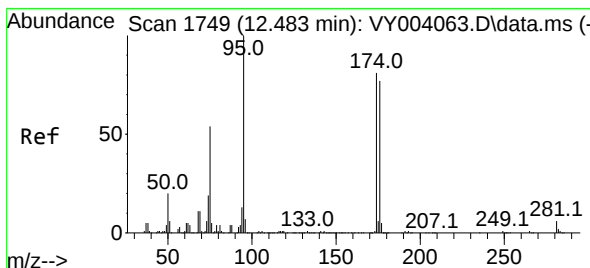
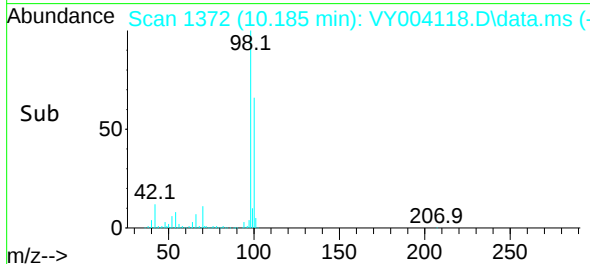
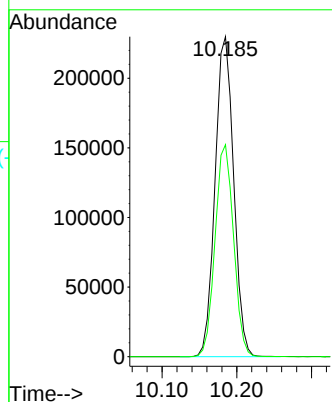
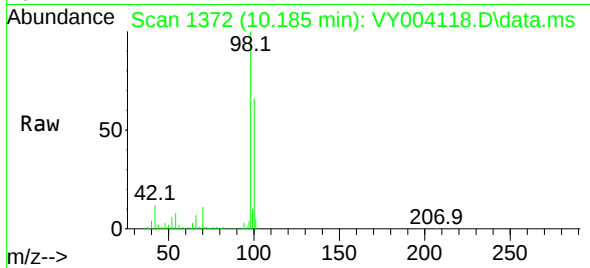




#50
Toluene-d8
Concen: 53.37 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004118.D
Acq: 18 Mar 2021 13:49

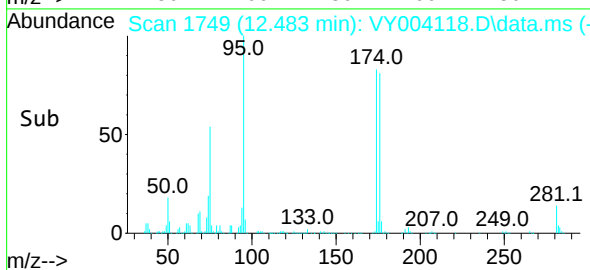
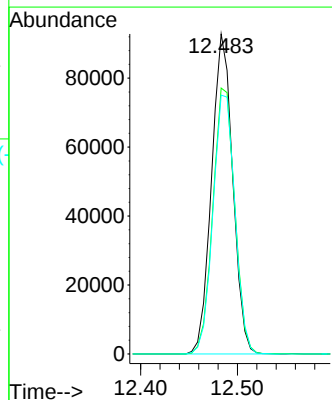
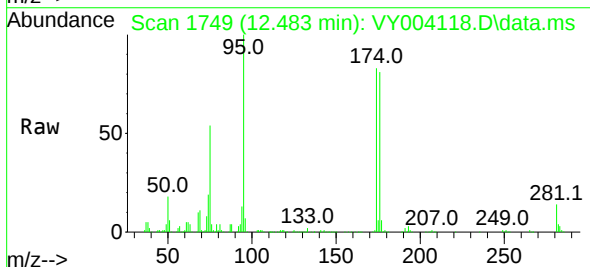
Instrument :
MSVOA_Y
ClientSampled :
P-1

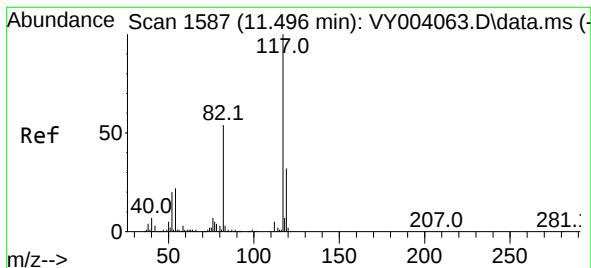
Tgt Ion: 98 Resp: 396827
Ion Ratio Lower Upper
98 100
100 66.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 51.21 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004118.D
Acq: 18 Mar 2021 13:49

Tgt Ion: 95 Resp: 140617
Ion Ratio Lower Upper
95 100
174 85.9 0.0 179.0
176 84.2 0.0 174.4

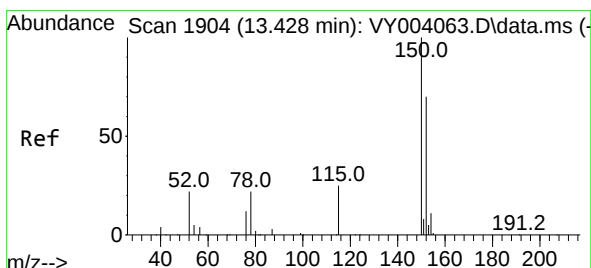
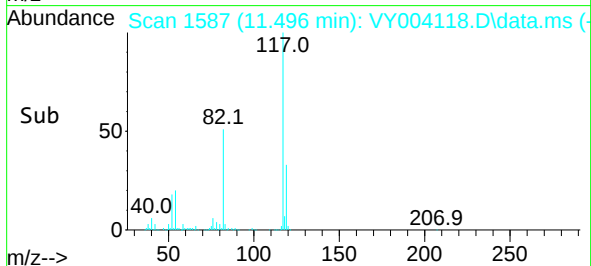
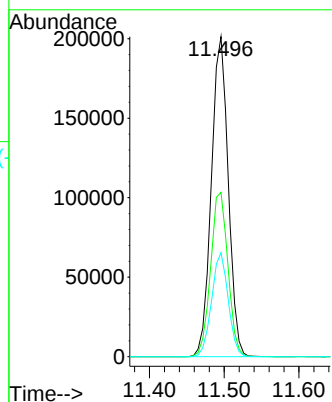
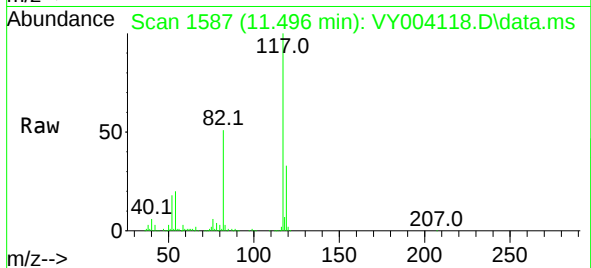




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004118.D
Acq: 18 Mar 2021 13:49

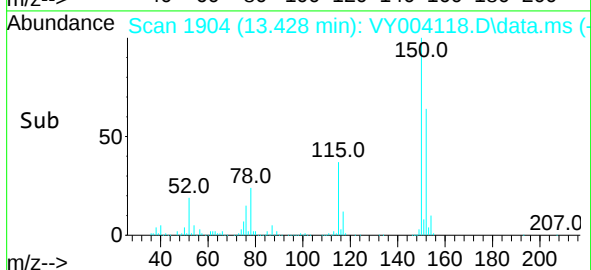
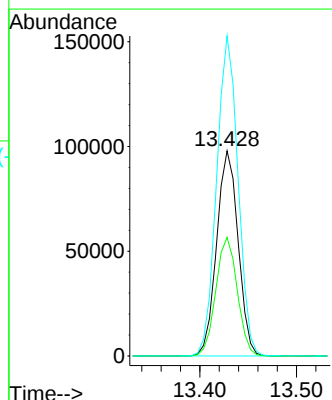
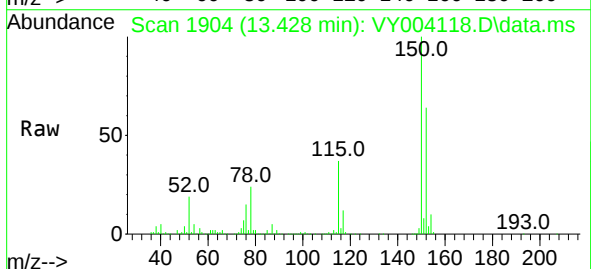
Instrument :
MSVOA_Y
ClientSampleId :
P-1

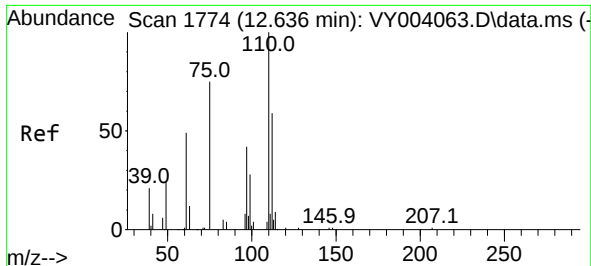
Tgt Ion:117 Resp: 315431
Ion Ratio Lower Upper
117 100
82 51.3 43.8 65.6
119 32.5 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004118.D
Acq: 18 Mar 2021 13:49

Tgt Ion:152 Resp: 150917
Ion Ratio Lower Upper
152 100
115 57.6 28.2 84.6
150 155.3 0.0 347.2

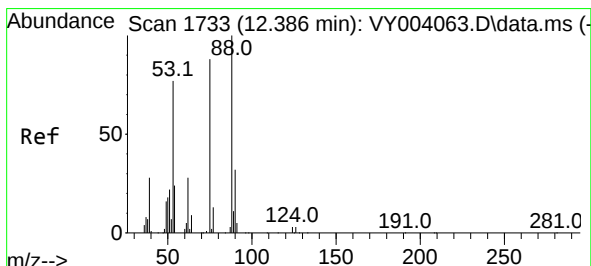
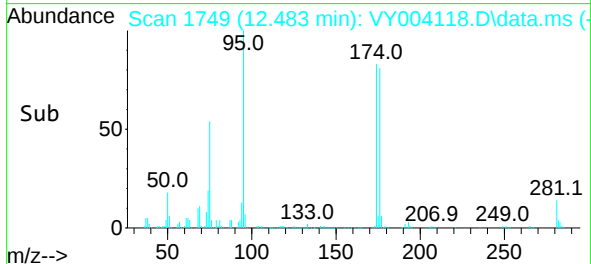
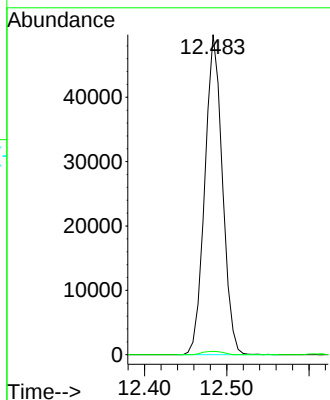
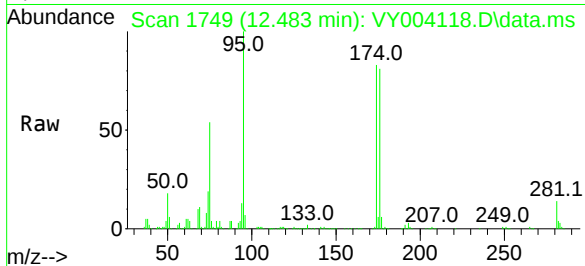




#76
1,2,3-Trichloropropane
Concen: 51.05 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004118.D
Acq: 18 Mar 2021 13:49

Instrument :
MSVOA_Y
ClientSampled :
P-1

Tgt Ion: 75 Resp: 73879
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.76 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY004118.D
Acq: 18 Mar 2021 13:49

Tgt Ion: 75 Resp: 73879
Ion Ratio Lower Upper
75 100
53 0.0 73.5 110.3#
89 0.3 35.7 53.5#

