

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011221\
 Data File : VY003904.D
 Acq On : 12 Jan 2021 16:30
 Operator : SY/MD
 Sample : M1055-01
 Misc : 5.89G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SA-01-010821

Quant Time: Jan 13 02:34:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 12 11:47:10 2021
 Response via : Initial Calibration

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

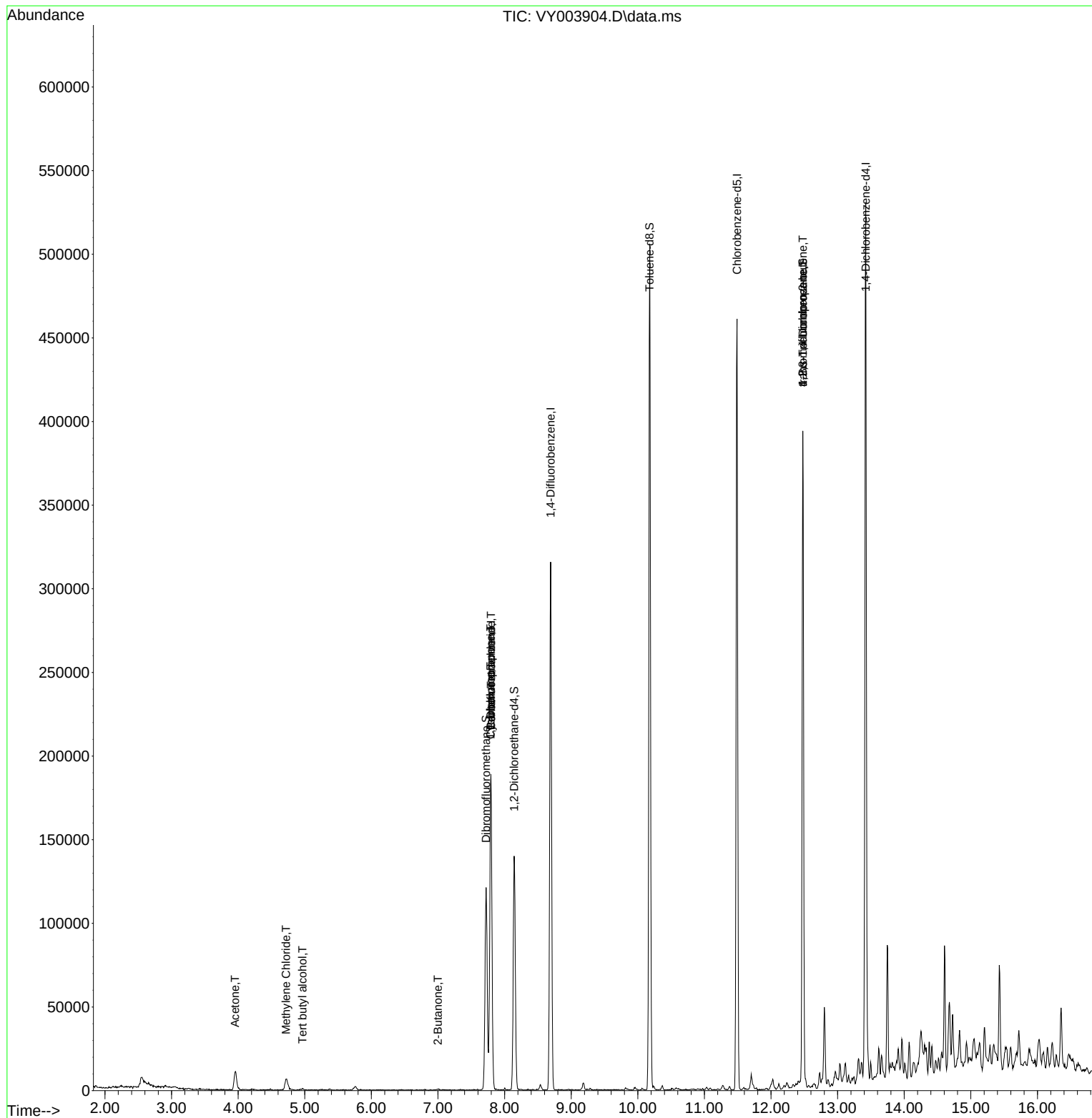
Internal Standards						
1) Pentafluorobenzene	7.795	168	143187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	242686	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	231025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123649	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	109146	49.07	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.14%		
35) Dibromofluoromethane	7.722	113	79280	39.97	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	79.94%		
50) Toluene-d8	10.179	98	309266	38.48	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	76.96%		
62) 4-Bromofluorobenzene	12.477	95	112303	38.26	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	76.52%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	48	Below Cal	#	43
3) Chloromethane	2.119	50	738	Below Cal		91
11) Tert butyl alcohol	4.966	59	944	4.08	ug/l	98
16) Acetone	3.954	43	19568	35.58	ug/l	92
20) Methylene Chloride	4.716	84	4714	2.29	ug/l #	86
25) 2-Butanone	6.996	43	998	1.16	ug/l #	49
31) Cyclohexane	7.789	56	4058	1.09	ug/l #	38
36) 1,1-Dichloropropene	7.789	75	11410	3.43	ug/l #	51
38) Carbon Tetrachloride	7.795	117	14529	4.13	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	62684	37.49	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	62684	71.17	ug/l #	3

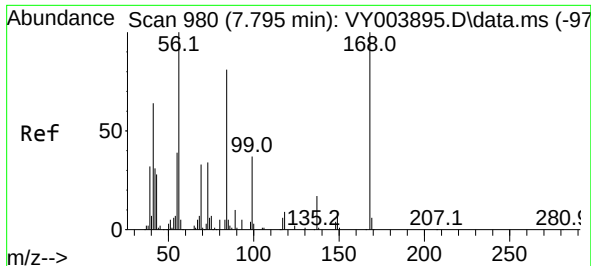
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011221\
Data File : VY003904.D
Acq On : 12 Jan 2021 16:30
Operator : SY/MD
Sample : M1055-01
Misc : 5.89G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SA-01-010821

Quant Time: Jan 13 02:34:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 12 11:47:10 2021
Response via : Initial Calibration

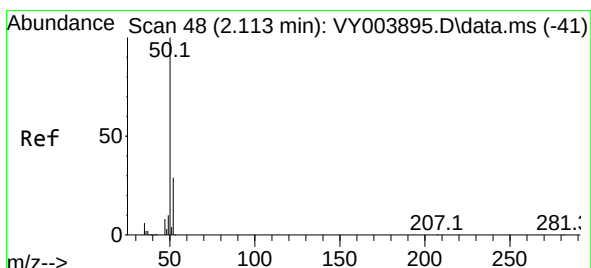
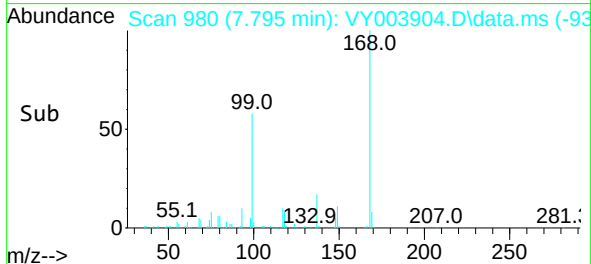
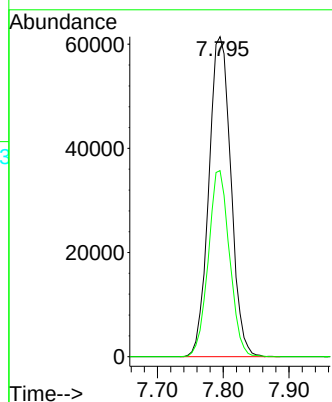
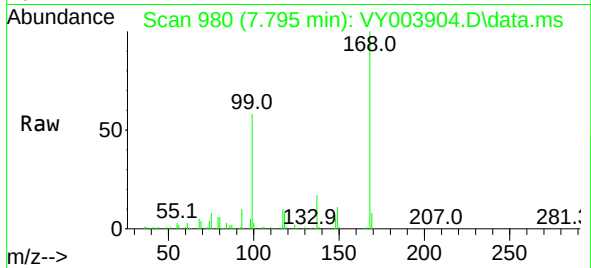




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY003904.D
Acq: 12 Jan 2021 16:30

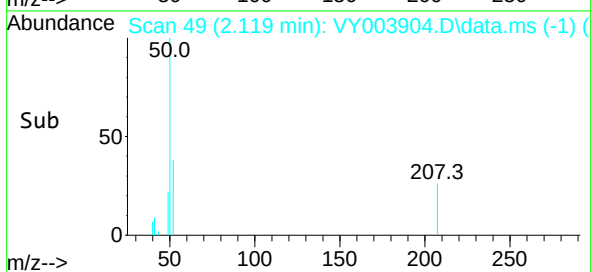
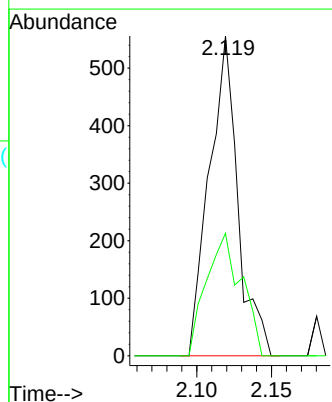
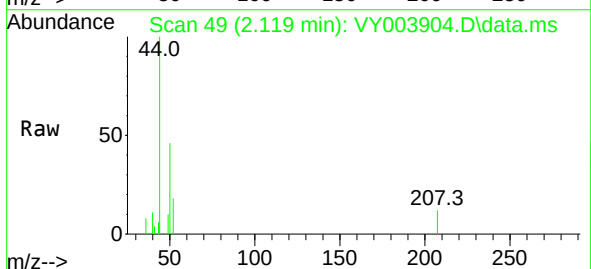
Instrument :
MSVOA_Y
ClientSampleId :
SA-01-010821

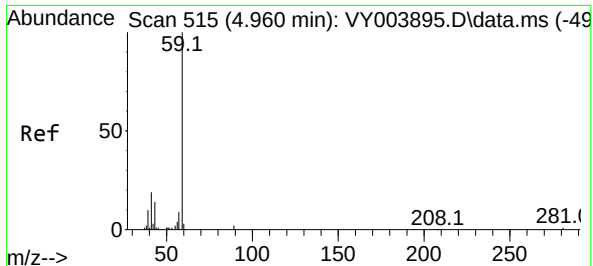
Tgt Ion:168 Resp: 143187
Ion Ratio Lower Upper
168 100
99 58.1 40.4 60.6



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY003904.D
Acq: 12 Jan 2021 16:30

Tgt Ion: 50 Resp: 738
Ion Ratio Lower Upper
50 100
52 38.3 26.6 40.0



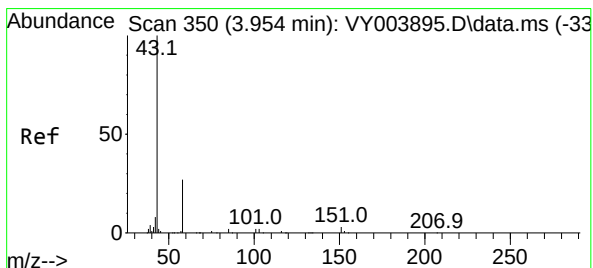
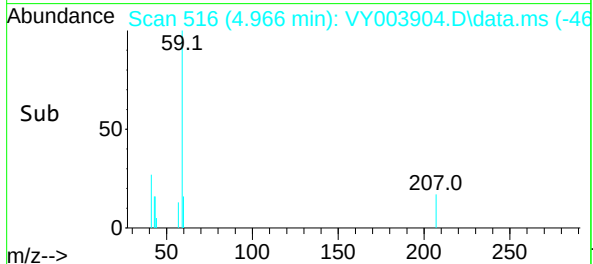
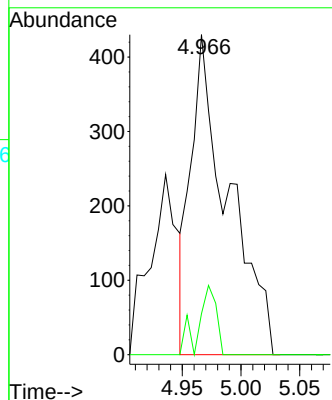
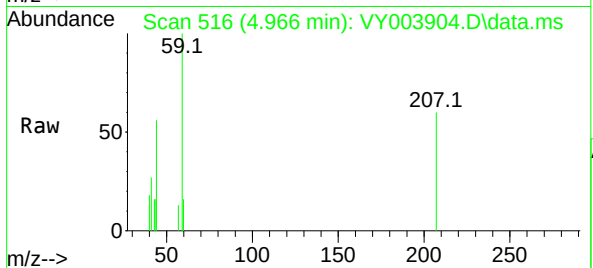


#11

Tert butyl alcohol
Concen: 4.08 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY003904.D
Acq: 12 Jan 2021 16:30

Instrument :
MSVOA_Y
ClientSampleId :
SA-01-010821

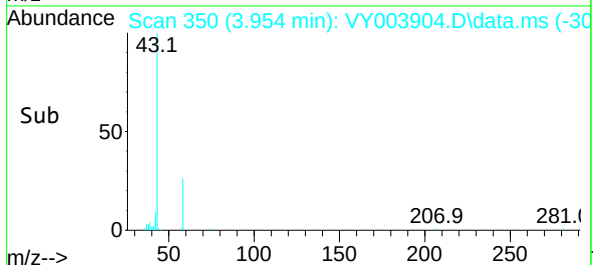
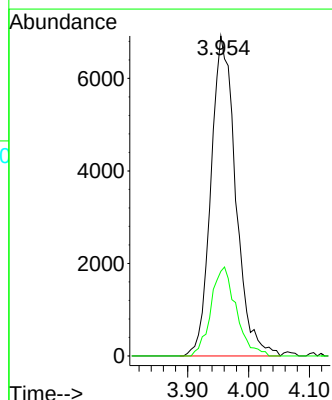
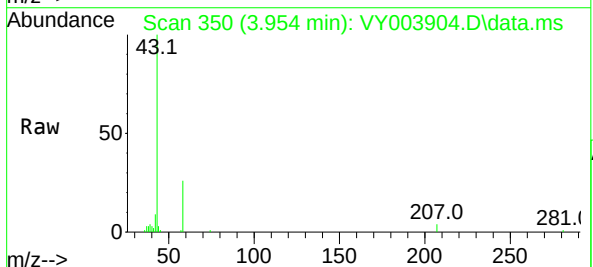
Tgt Ion: 59 Resp: 944
Ion Ratio Lower Upper
59 100
57 10.5 7.9 11.9

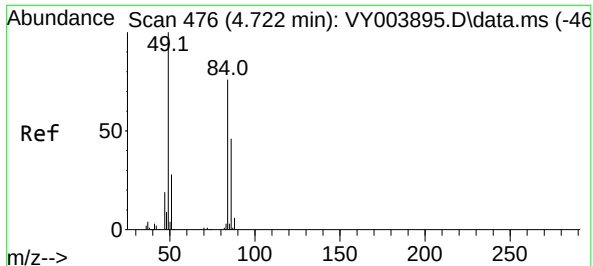


#16

Acetone
Concen: 35.58 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY003904.D
Acq: 12 Jan 2021 16:30

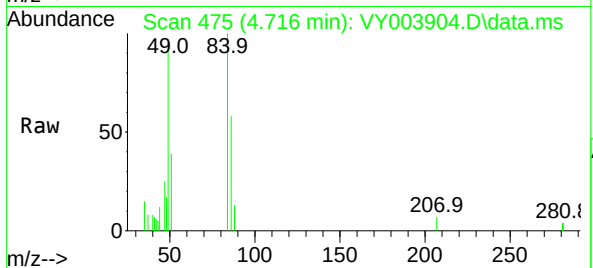
Tgt Ion: 43 Resp: 19568
Ion Ratio Lower Upper
43 100
58 26.4 24.5 36.7



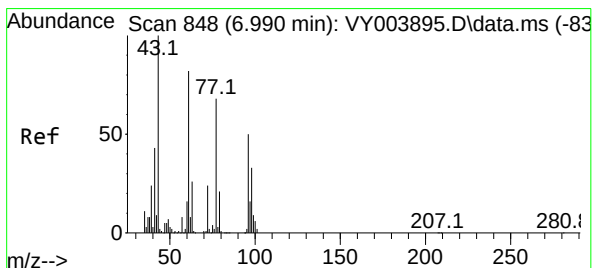
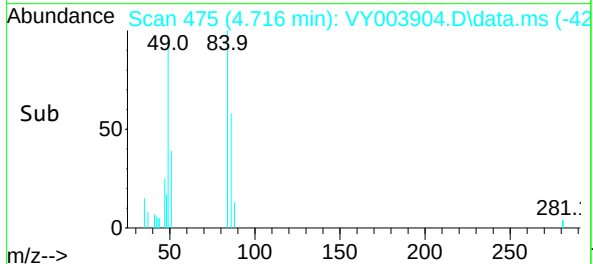
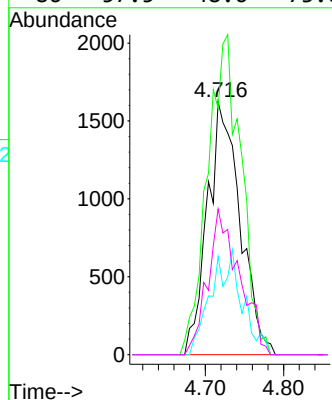


#20
Methylene Chloride
Concen: 2.29 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY003904.D
Acq: 12 Jan 2021 16:30

Instrument :
MSVOA_Y
ClientSampleId :
SA-01-010821

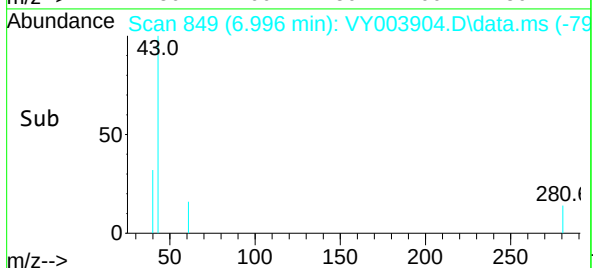
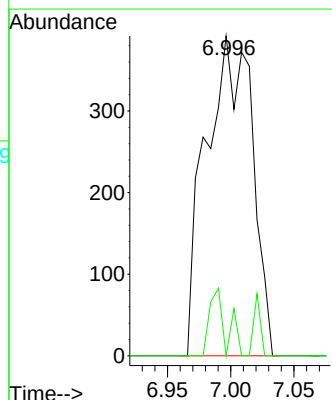
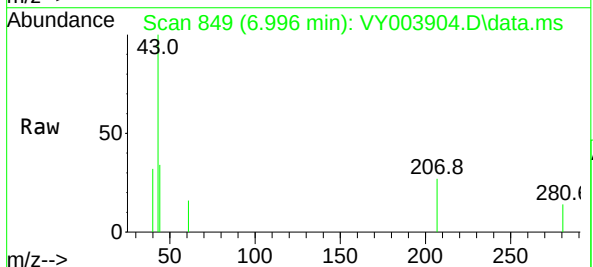


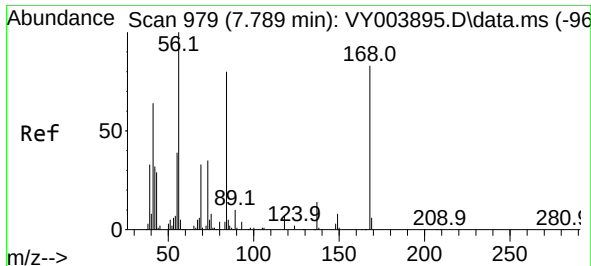
Tgt Ion: 84	Resp: 4714
Ion Ratio	Lower Upper
84 100	
49 97.2	98.0 147.0#
51 38.8	30.5 45.7
86 57.5	48.6 73.0



#25
2-Butanone
Concen: 1.16 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY003904.D
Acq: 12 Jan 2021 16:30

Tgt Ion: 43	Resp: 998		
Ion Ratio	Lower	Upper	
43 100			
72 0.0	21.0	31.6#	

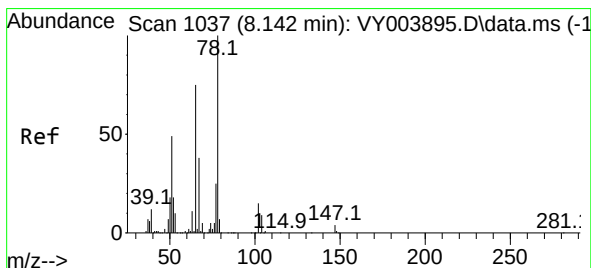
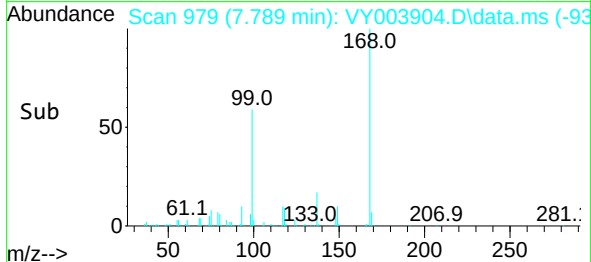
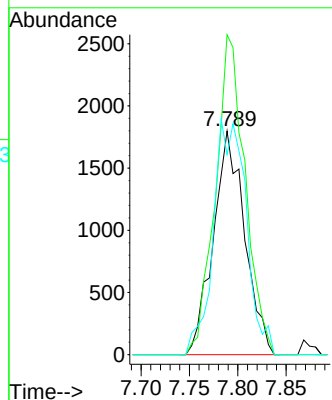
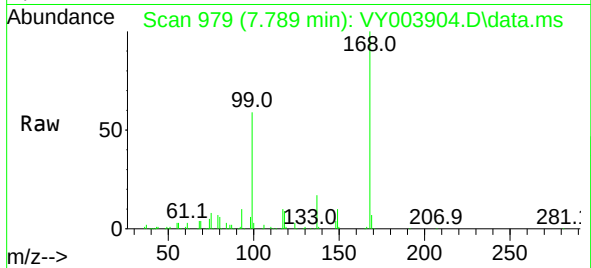




#31
Cyclohexane
Concen: 1.09 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY003904.D
Acq: 12 Jan 2021 16:30

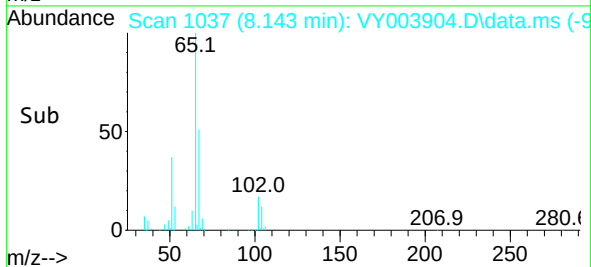
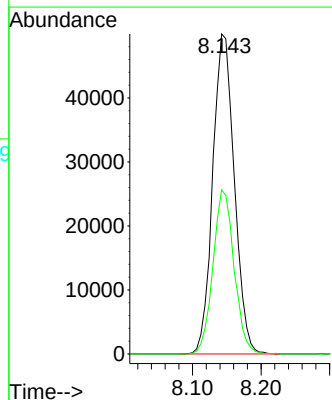
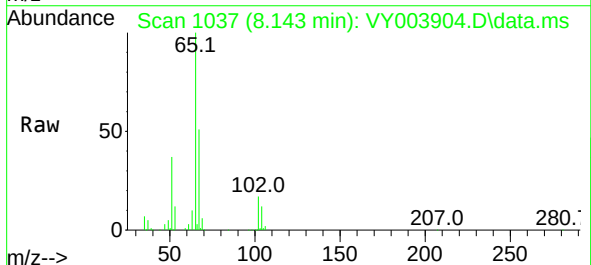
Instrument :
MSVOA_Y
ClientSampleId :
SA-01-010821

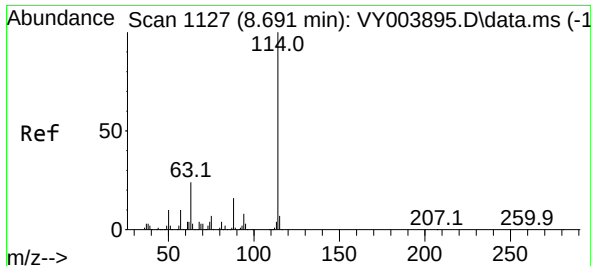
Tgt Ion: 56 Resp: 4058
Ion Ratio Lower Upper
56 100
69 143.2 26.2 39.2#
84 94.5 68.2 102.2



#33
1,2-Dichloroethane-d4
Concen: 49.07 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY003904.D
Acq: 12 Jan 2021 16:30

Tgt Ion: 65 Resp: 109146
Ion Ratio Lower Upper
65 100
67 50.2 0.0 102.2

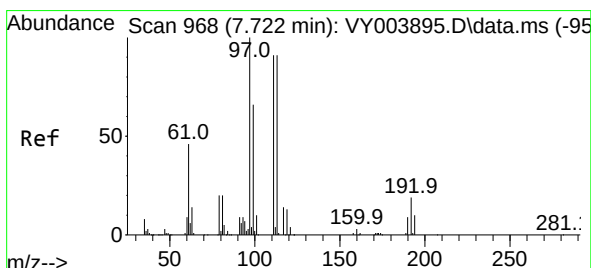
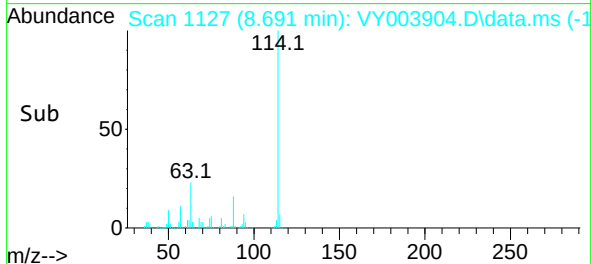
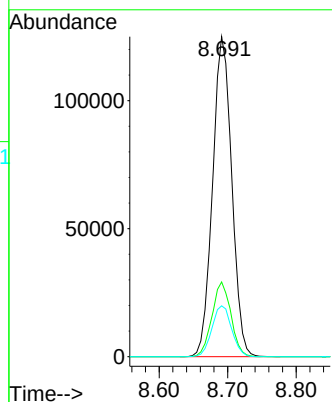
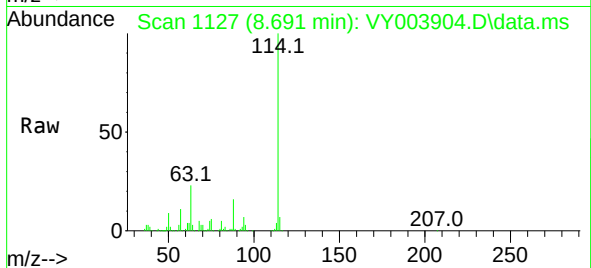




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY003904.D
Acq: 12 Jan 2021 16:30

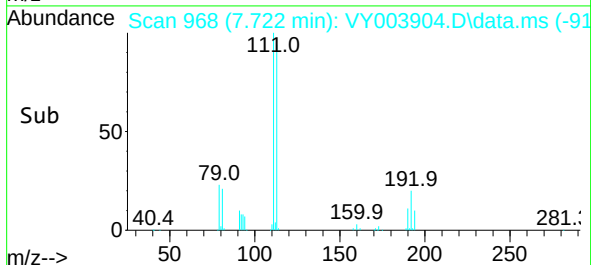
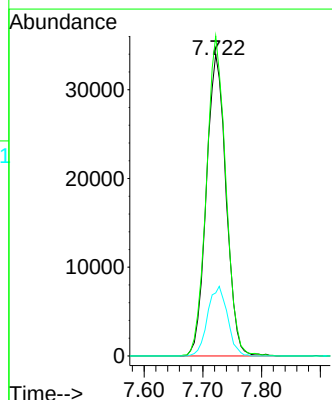
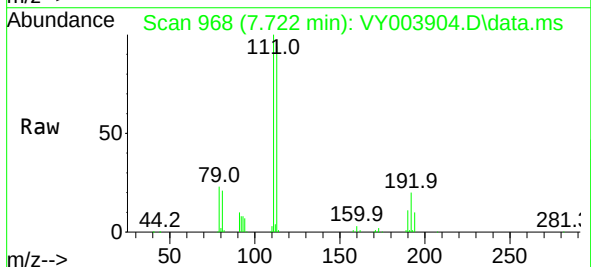
Instrument :
MSVOA_Y
ClientSampleId :
SA-01-010821

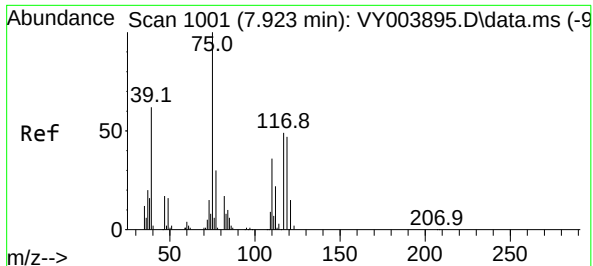
Tgt Ion:114 Resp: 242686
Ion Ratio Lower Upper
114 100
63 23.3 0.0 38.8
88 15.9 0.0 31.4



#35
Dibromofluoromethane
Concen: 39.97 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY003904.D
Acq: 12 Jan 2021 16:30

Tgt Ion:113 Resp: 79280
Ion Ratio Lower Upper
113 100
111 104.4 83.0 124.6
192 23.2 19.8 29.6

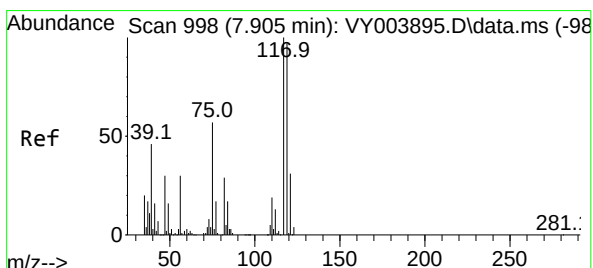
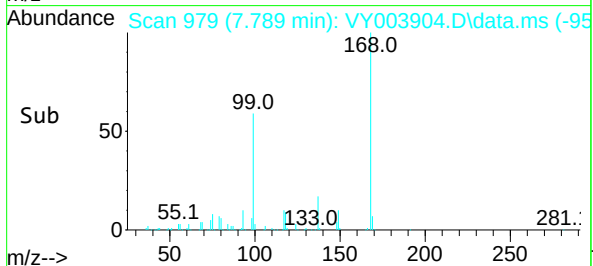
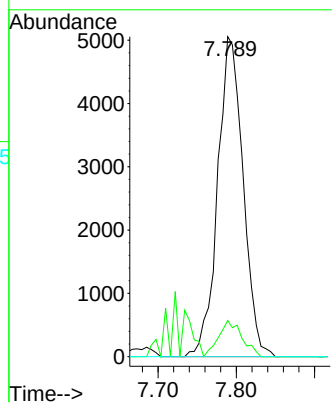
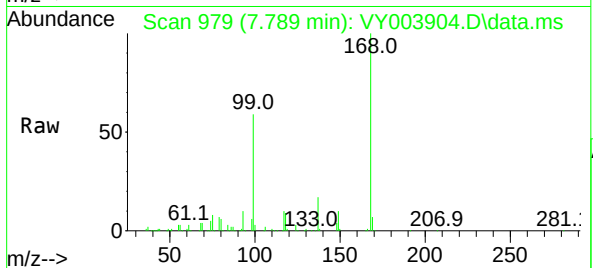




#36
1,1-Dichloropropene
Concen: 3.43 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY003904.D
Acq: 12 Jan 2021 16:30

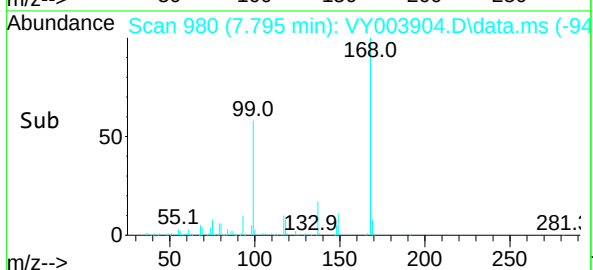
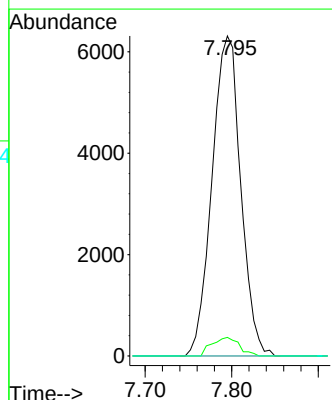
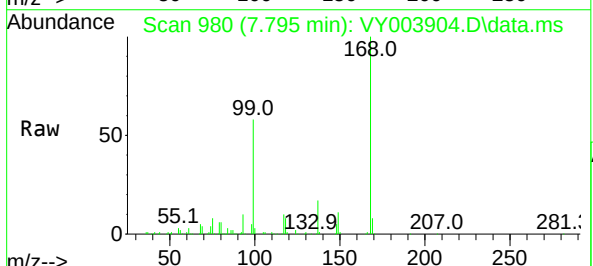
Instrument :
MSVOA_Y
ClientSampleId :
SA-01-010821

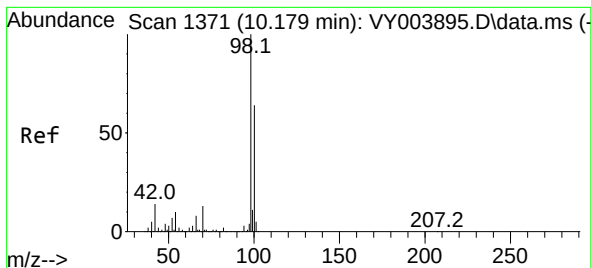
Tgt Ion: 75 Resp: 11410
Ion Ratio Lower Upper
75 100
110 10.4 17.7 53.1#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 4.13 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY003904.D
Acq: 12 Jan 2021 16:30

Tgt Ion: 117 Resp: 14529
Ion Ratio Lower Upper
117 100
119 5.8 78.6 118.0#
121 0.0 25.8 38.6#

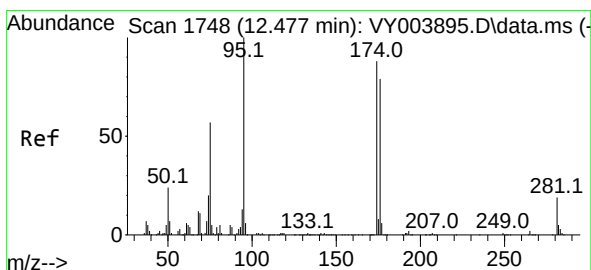
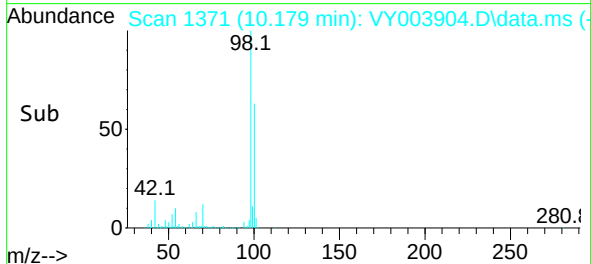
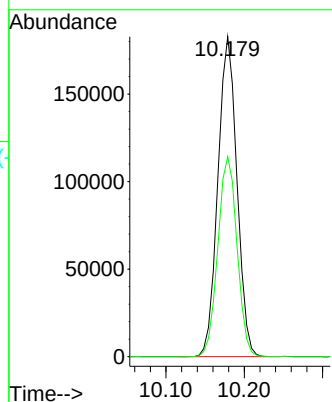
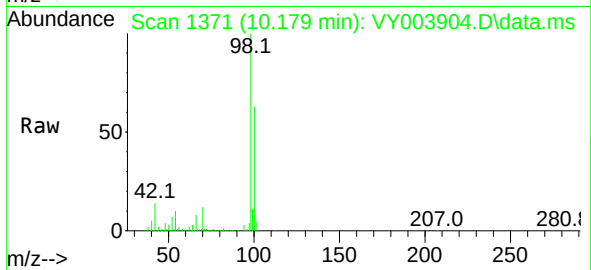




#50
Toluene-d8
Concen: 38.48 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY003904.D
Acq: 12 Jan 2021 16:30

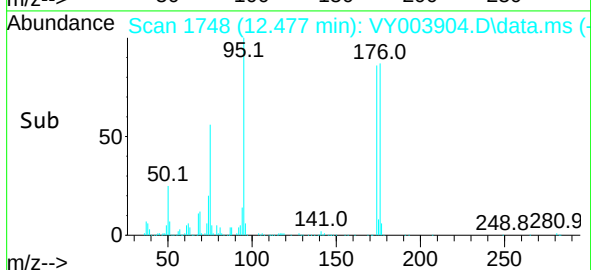
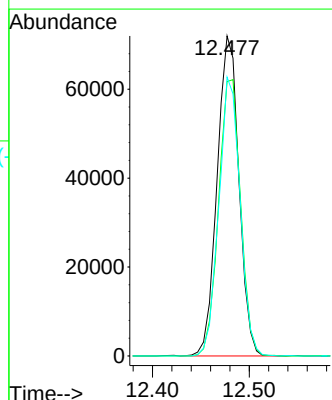
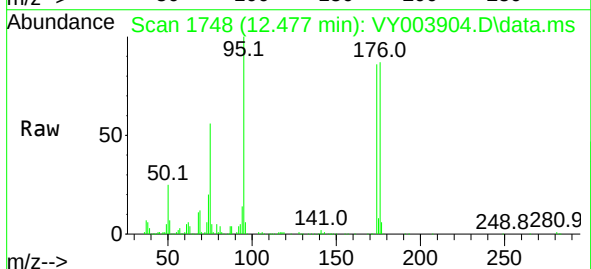
Instrument :
MSVOA_Y
ClientSampleId :
SA-01-010821

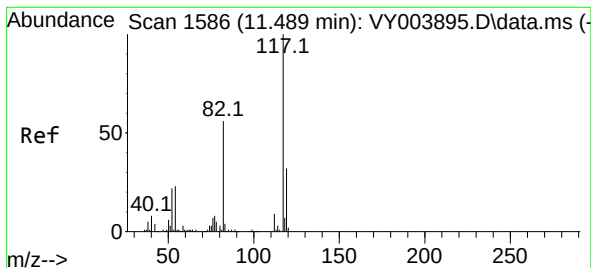
Tgt Ion: 98 Resp: 309266
Ion Ratio Lower Upper
98 100
100 62.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 38.26 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY003904.D
Acq: 12 Jan 2021 16:30

Tgt Ion: 95 Resp: 112303
Ion Ratio Lower Upper
95 100
174 87.2 0.0 193.2
176 85.0 0.0 187.0

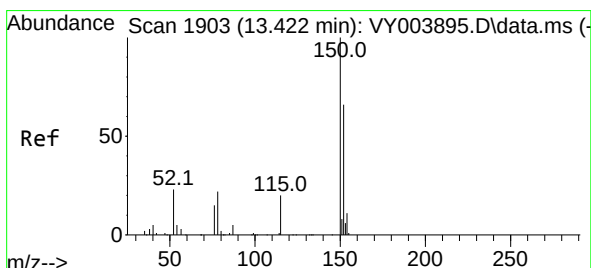
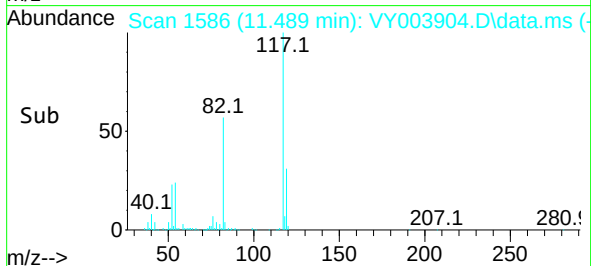
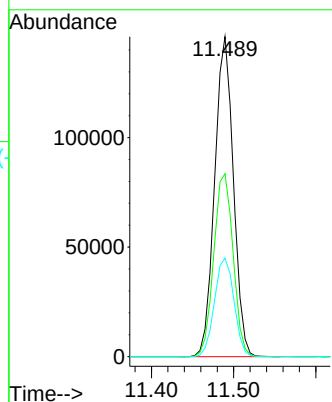
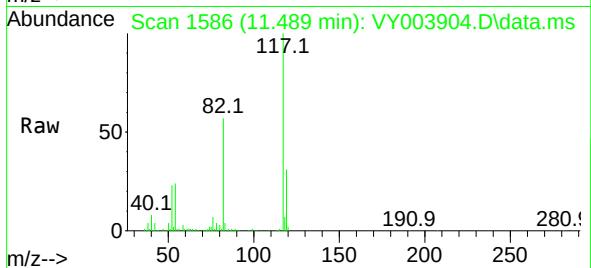




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY003904.D
Acq: 12 Jan 2021 16:30

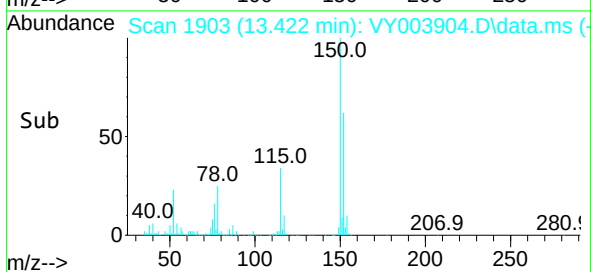
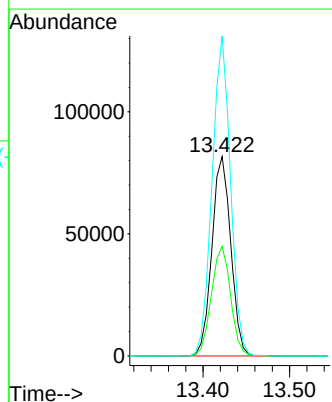
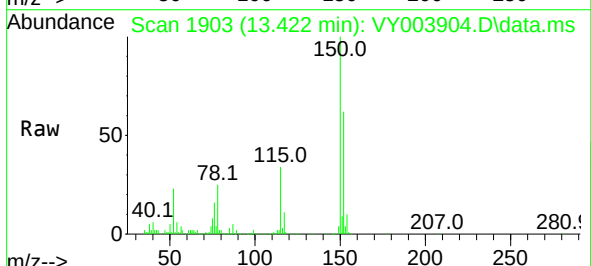
Instrument :
MSVOA_Y
ClientSampleId :
SA-01-010821

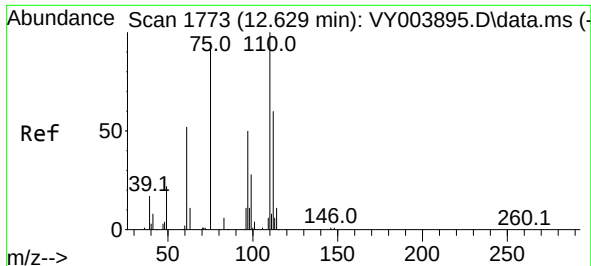
Tgt Ion:117 Resp: 231025
Ion Ratio Lower Upper
117 100
82 57.2 43.9 65.9
119 30.8 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY003904.D
Acq: 12 Jan 2021 16:30

Tgt Ion:152 Resp: 123649
Ion Ratio Lower Upper
152 100
115 55.9 27.9 83.7
150 156.2 0.0 356.4

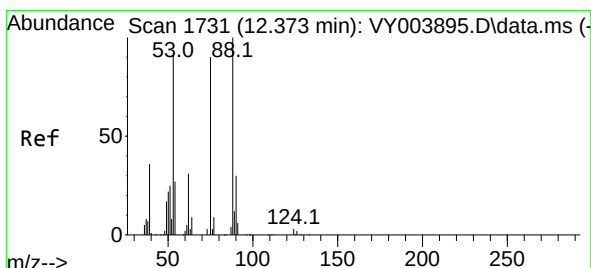
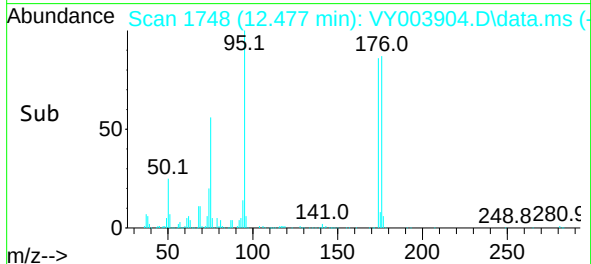
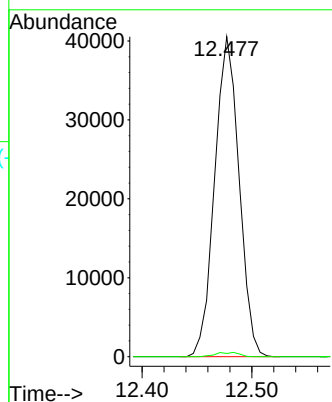
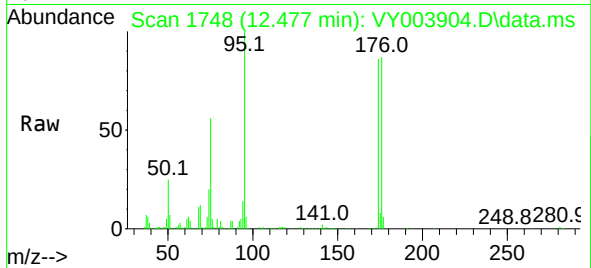




#76
1,2,3-Trichloropropane
Concen: 37.49 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY003904.D
Acq: 12 Jan 2021 16:30

Instrument :
MSVOA_Y
ClientSampleId :
SA-01-010821

Tgt Ion: 75 Resp: 62684
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.17 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY003904.D
Acq: 12 Jan 2021 16:30

Tgt Ion: 75 Resp: 62684
Ion Ratio Lower Upper
75 100
53 0.1 75.0 112.6#
89 0.1 0.0 0.0#

