

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011421\
 Data File : VY003915.D
 Acq On : 14 Jan 2021 12:04
 Operator : SY/MD
 Sample : VY0114SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 15 00:56:36 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)

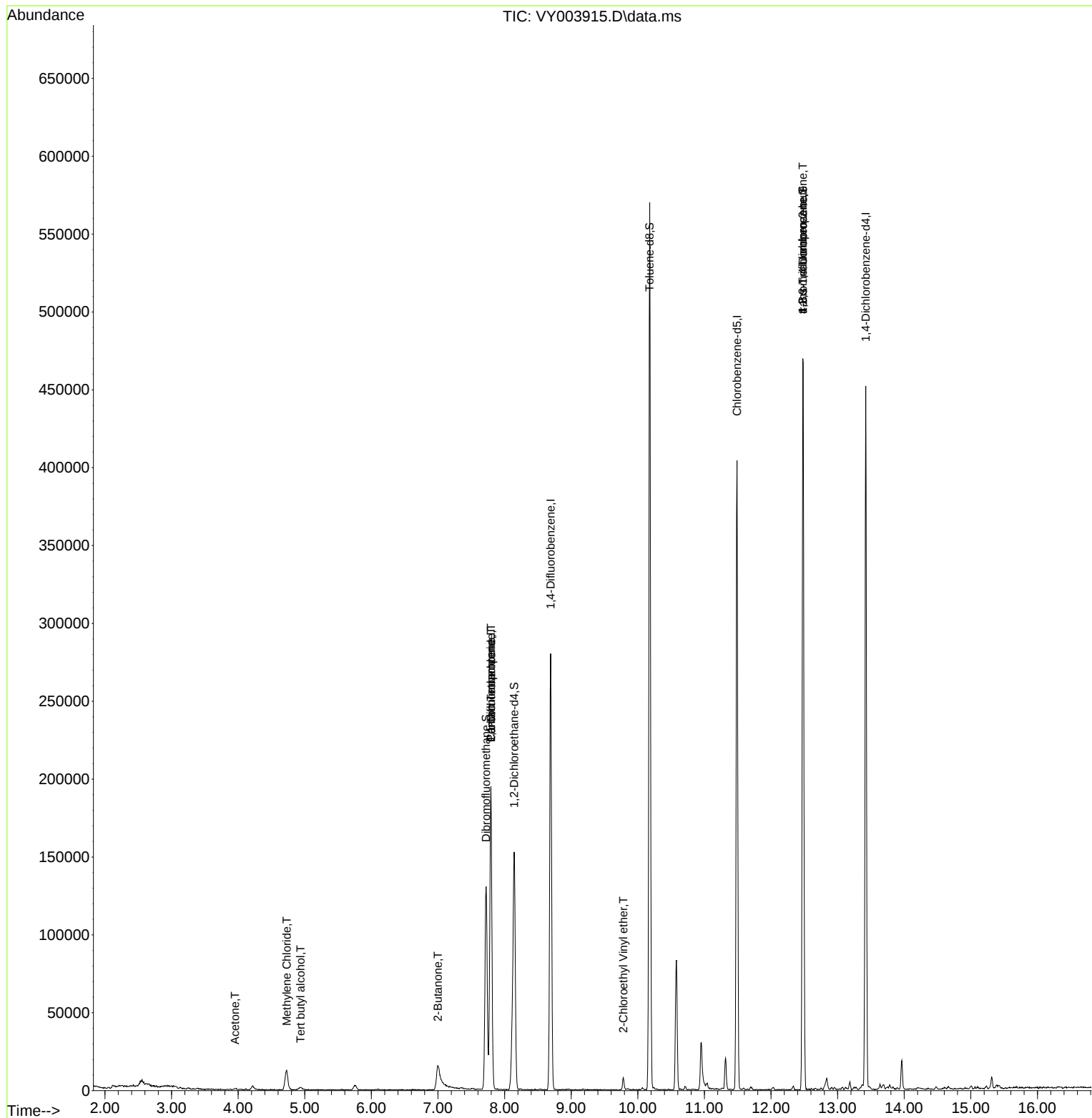
Internal Standards						
1) Pentafluorobenzene	7.795	168	148569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	219714	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	205310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	107331	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	109324	47.37	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.74%
35) Dibromofluoromethane	7.722	113	87990	49.00	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.00%
50) Toluene-d8	10.179	98	346649	47.64	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.28%
62) 4-Bromofluorobenzene	12.477	95	120379	45.30	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.60%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	150	Below Cal	#	43
3) Chloromethane	2.113	50	1023	Below Cal	#	84
11) Tert butyl alcohol	4.936	59	1197	4.99 ug/l	#	79
16) Acetone	3.954	43	1508	2.64 ug/l		90
20) Methylene Chloride	4.728	84	8307	3.89 ug/l		94
25) 2-Butanone	6.996	43	1674	1.88 ug/l	#	49
36) 1,1-Dichloropropene	7.795	75	11749	3.91 ug/l	#	51
38) Carbon Tetrachloride	7.795	117	14340	4.50 ug/l	#	15
58) 2-Chloroethyl Vinyl ether	9.782	63	3031	2.52 ug/l		99
76) 1,2,3-Trichloropropane	12.477	75	69184	47.67 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.477	75	69184	90.49 ug/l	#	3

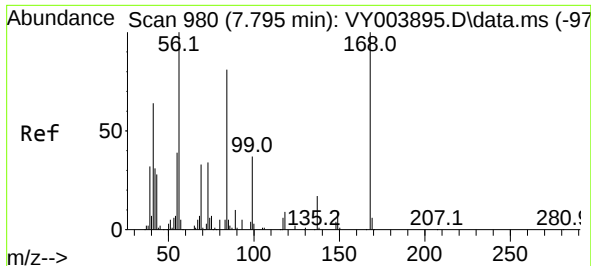
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 15 00:56:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
Quant Title : SW846 8260
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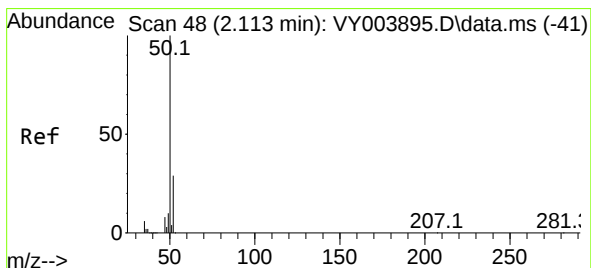
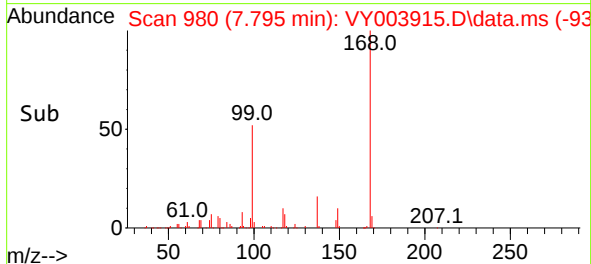
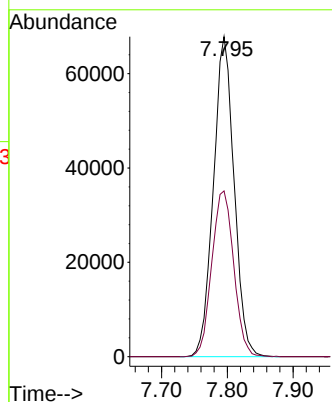
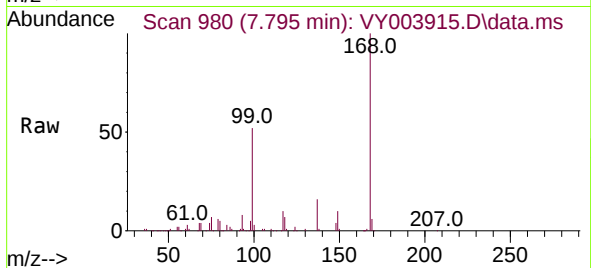




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY003915.D
Acq: 14 Jan 2021 12:04

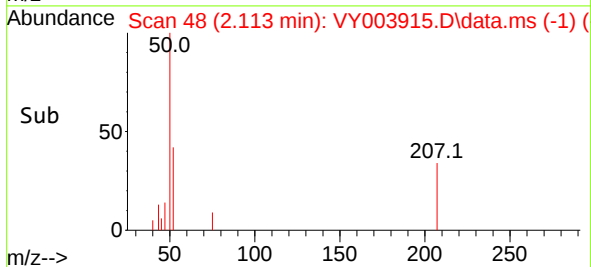
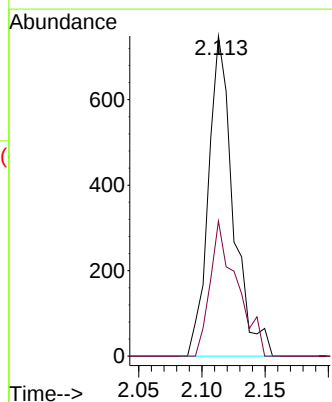
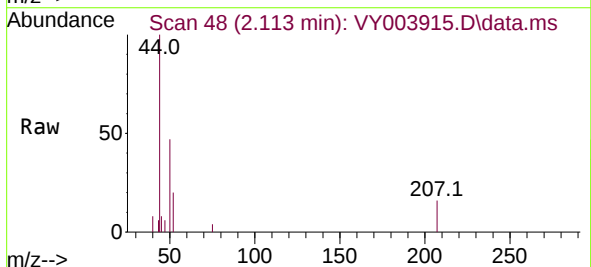
Instrument :
MSVOA_Y
ClientSampleId :

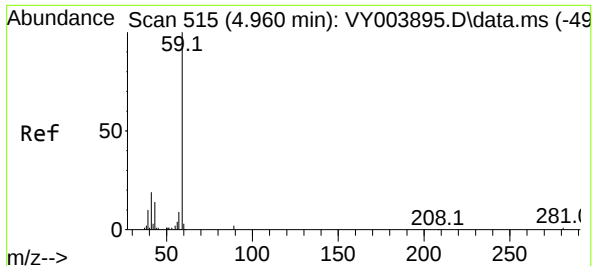
Tgt Ion:168 Resp: 148569
Ion Ratio Lower Upper
168 100
99 51.8 40.4 60.6



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY003915.D
Acq: 14 Jan 2021 12:04

Tgt Ion: 50 Resp: 1023
Ion Ratio Lower Upper
50 100
52 42.2 26.6 40.0#





#11

Tert butyl alcohol

Concen: 4.99 ug/l

RT: 4.936 min Scan# 511

Delta R.T. -0.024 min

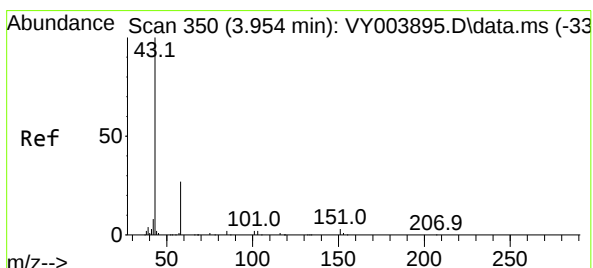
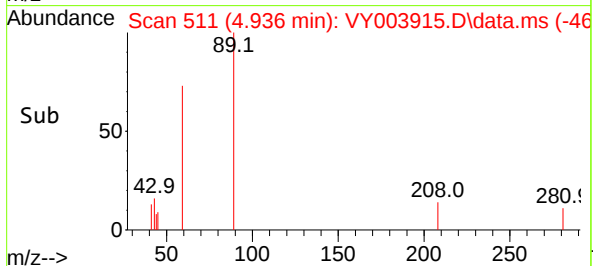
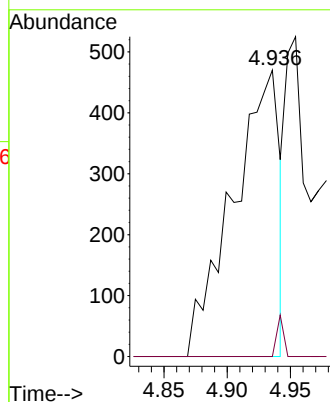
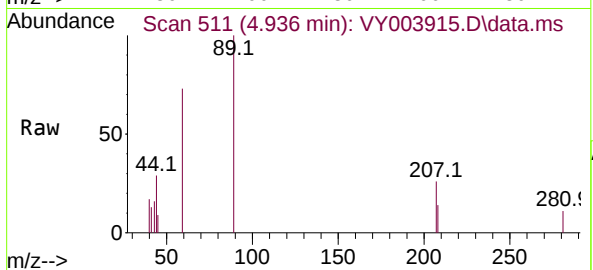
Lab File: VY003915.D

Acq: 14 Jan 2021 12:04

Tgt Ion: 59 Resp: 1197

Ion Ratio Lower Upper

59 100
57 2.1 7.9 11.9#



#16

Acetone

Concen: 2.64 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.000 min

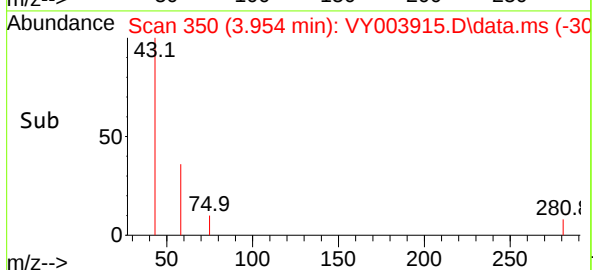
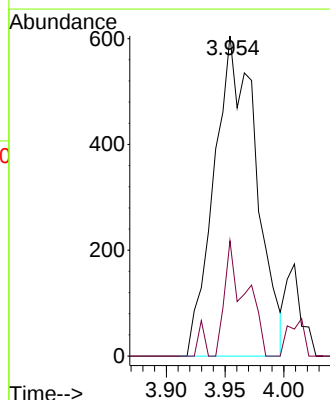
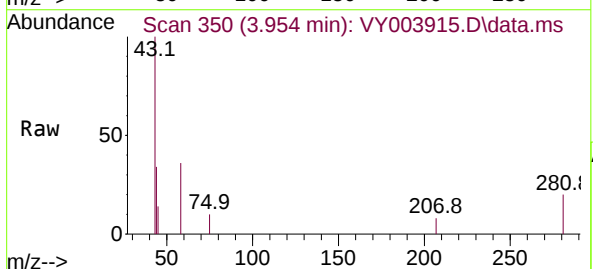
Lab File: VY003915.D

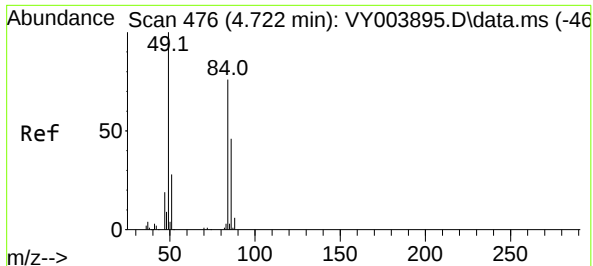
Acq: 14 Jan 2021 12:04

Tgt Ion: 43 Resp: 1508

Ion Ratio Lower Upper

43 100
58 36.0 24.5 36.7

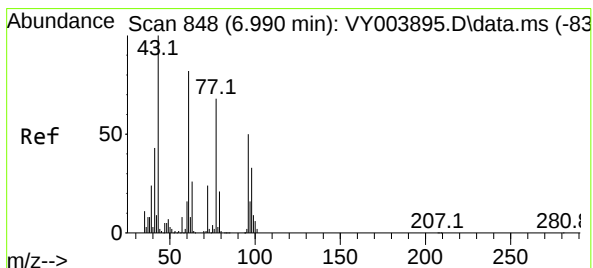
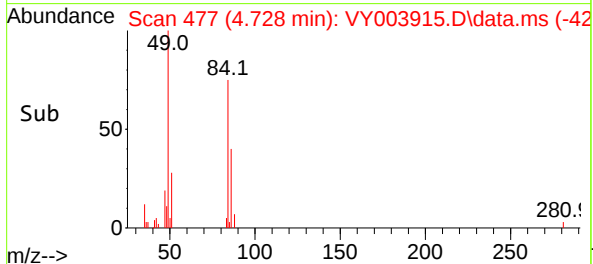
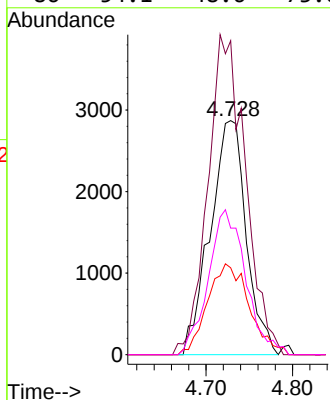
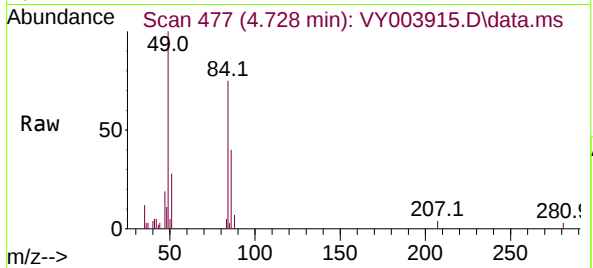




#20
Methylene Chloride
Concen: 3.89 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY003915.D
Acq: 14 Jan 2021 12:04

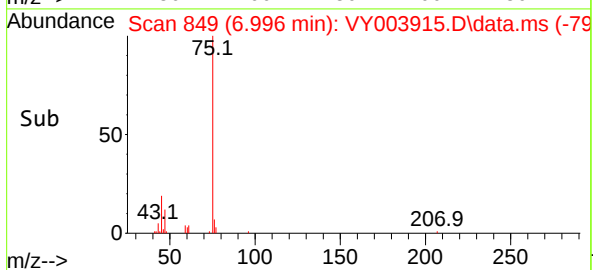
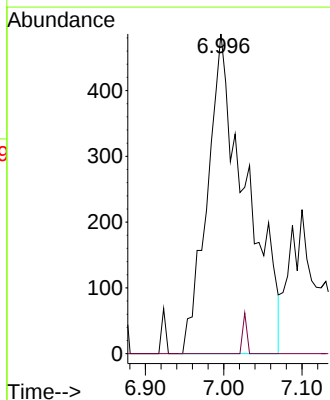
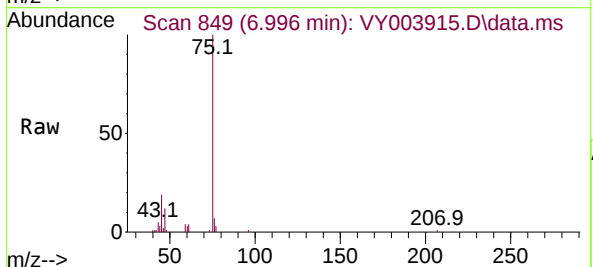
Instrument :
MSVOA_Y
ClientSampleId :

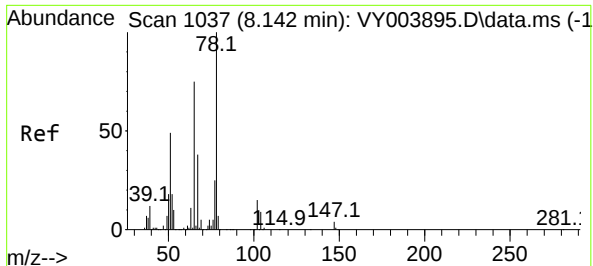
Tgt Ion:	84	Resp:	8307
Ion	Ratio	Lower	Upper
84	100		
49	129.7	98.0	147.0
51	37.1	30.5	45.7
86	54.1	48.6	73.0



#25
2-Butanone
Concen: 1.88 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY003915.D
Acq: 14 Jan 2021 12:04

Tgt Ion:	43	Resp:	1674
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.6#

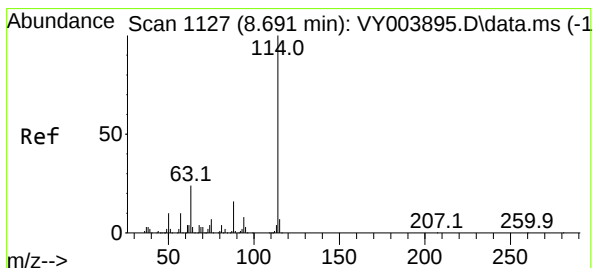
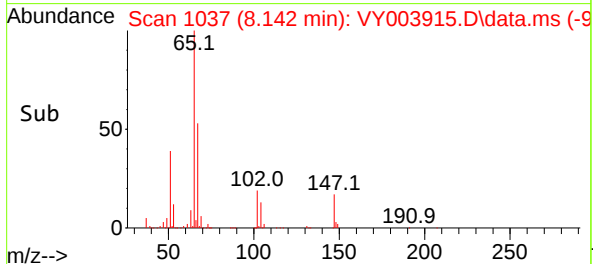
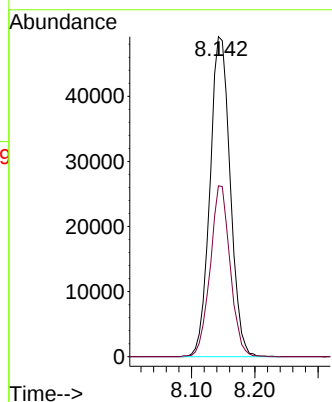
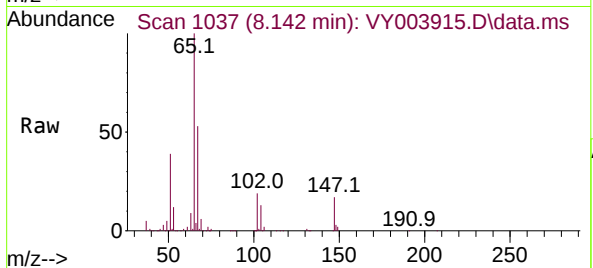




#33
1,2-Dichloroethane-d4
Concen: 47.37 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY003915.D
Acq: 14 Jan 2021 12:04

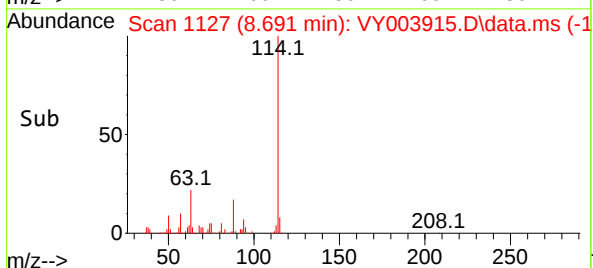
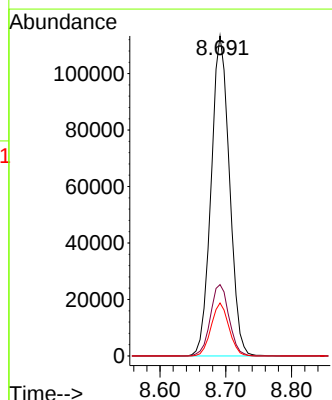
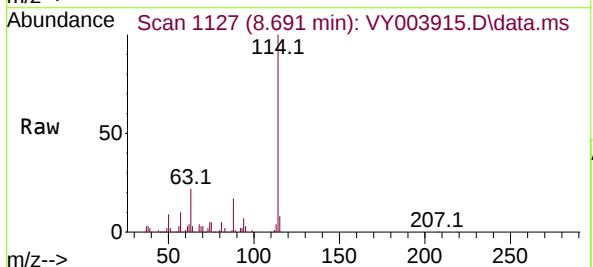
Instrument :
MSVOA_Y
ClientSampleId :

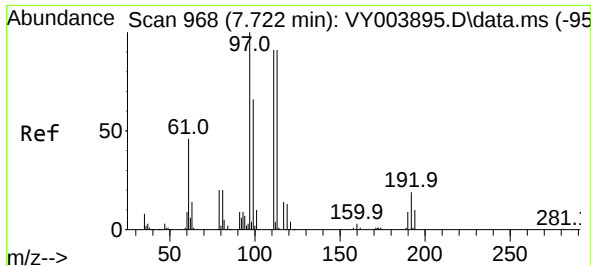
Tgt Ion: 65 Resp: 109324
Ion Ratio Lower Upper
65 100
67 52.6 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY003915.D
Acq: 14 Jan 2021 12:04

Tgt Ion:114 Resp: 219714
Ion Ratio Lower Upper
114 100
63 22.3 0.0 38.8
88 16.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.00 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY003915.D

Acq: 14 Jan 2021 12:04

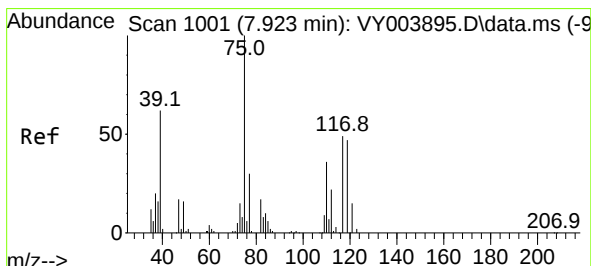
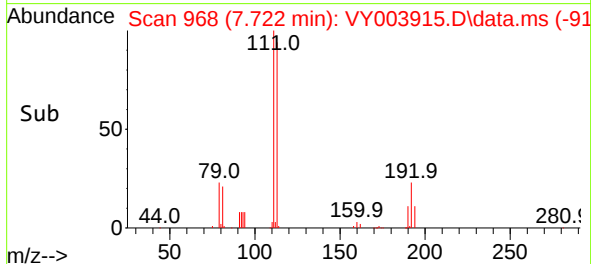
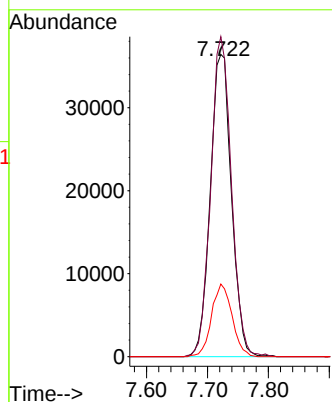
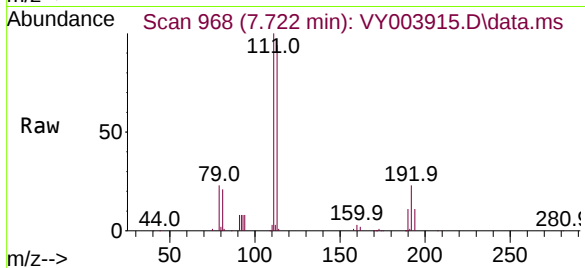
Tgt Ion:113 Resp: 87990

Ion Ratio Lower Upper

113 100

111 103.2 83.0 124.6

192 23.3 19.8 29.6



#36

1,1-Dichloropropene

Concen: 3.91 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY003915.D

Acq: 14 Jan 2021 12:04

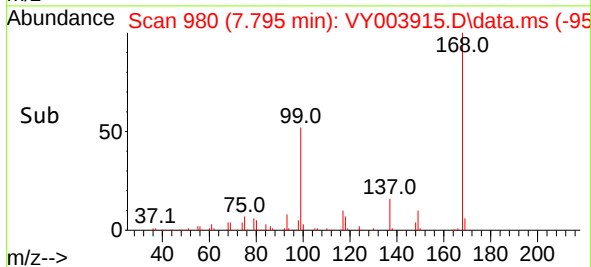
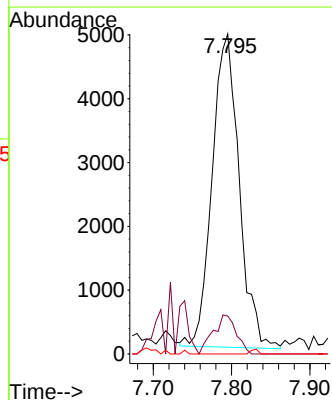
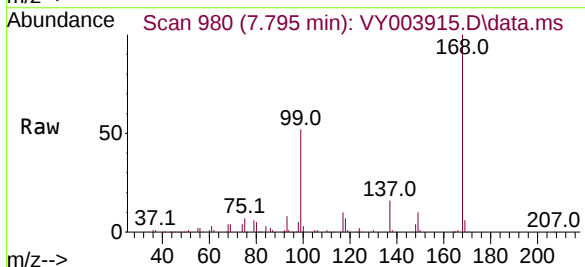
Tgt Ion: 75 Resp: 11749

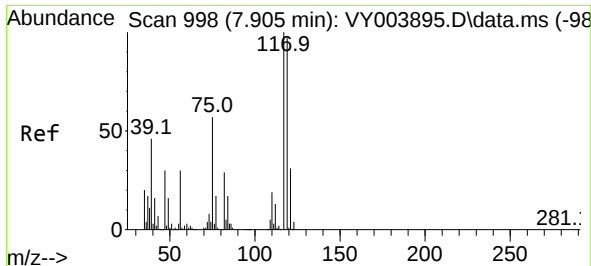
Ion Ratio Lower Upper

75 100

110 10.6 17.7 53.1#

77 0.0 24.8 37.2#

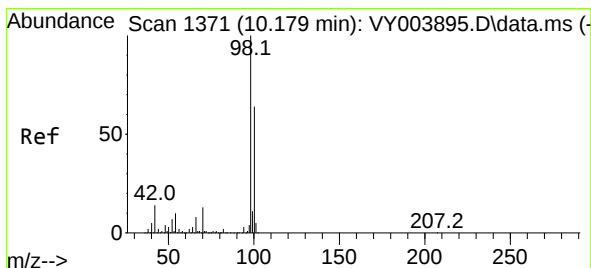
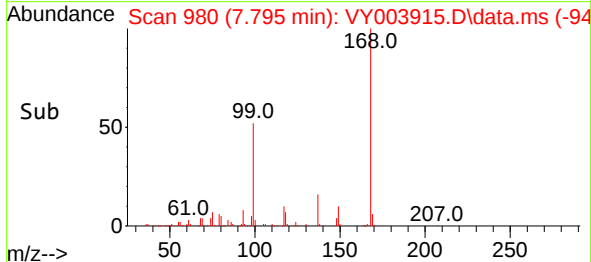
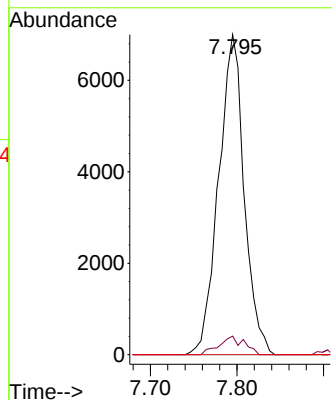
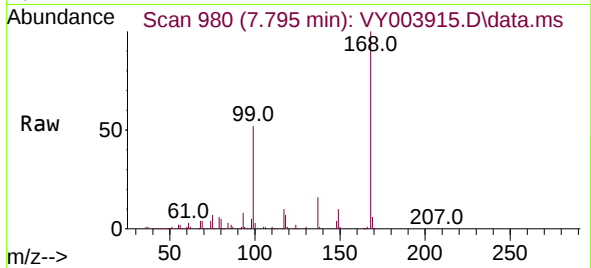




#38
Carbon Tetrachloride
Concen: 4.50 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY003915.D
Acq: 14 Jan 2021 12:04

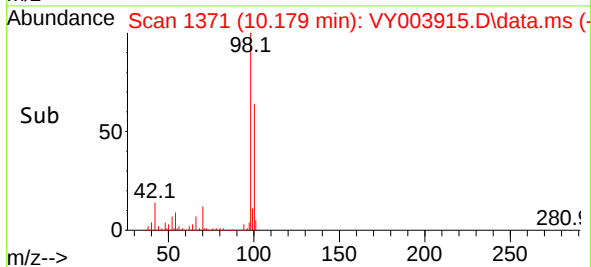
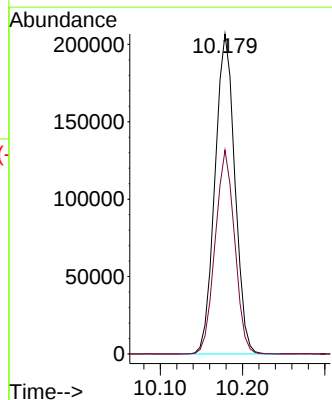
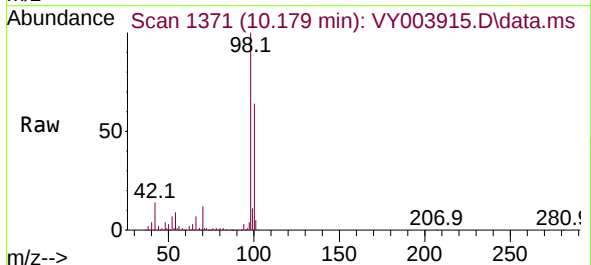
Instrument :
MSVOA_Y
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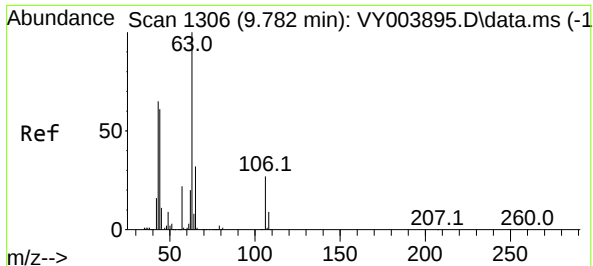
Tgt Ion:117 Resp: 14340
Ion Ratio Lower Upper
117 100
119 5.8 78.6 118.0#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 47.64 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY003915.D
Acq: 14 Jan 2021 12:04

Tgt Ion: 98 Resp: 346649
Ion Ratio Lower Upper
98 100
100 62.4 51.4 77.0

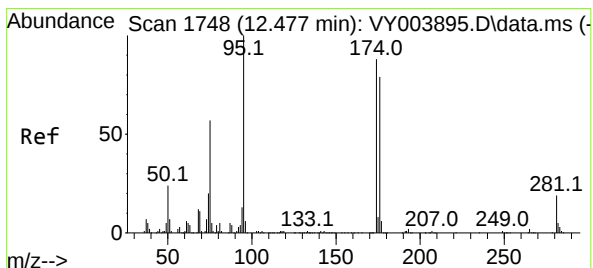
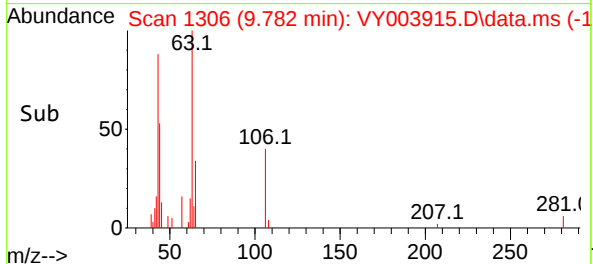
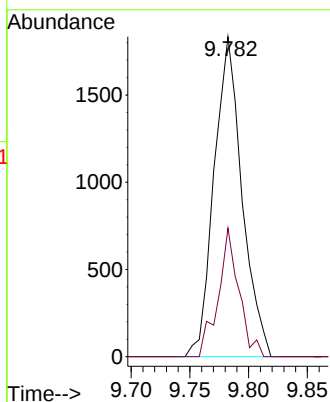
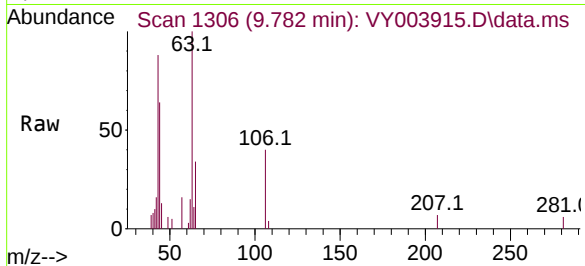




#58
2-Chloroethyl Vinyl ether
Concen: 2.52 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY003915.D
Acq: 14 Jan 2021 12:04

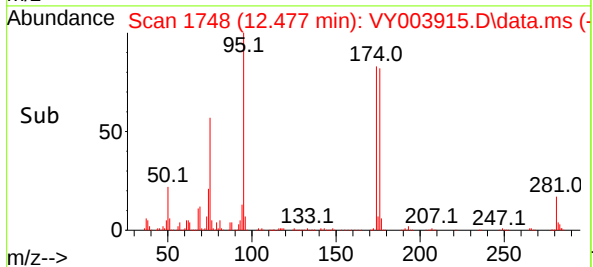
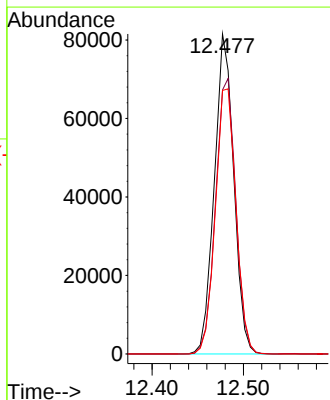
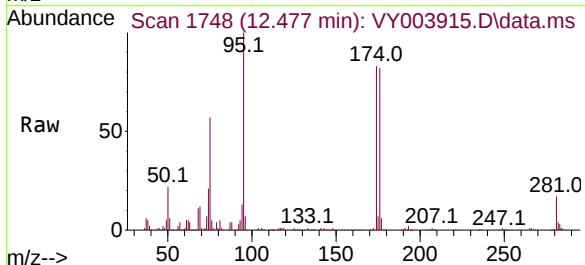
Instrument :
MSVOA_Y
ClientSampleId :

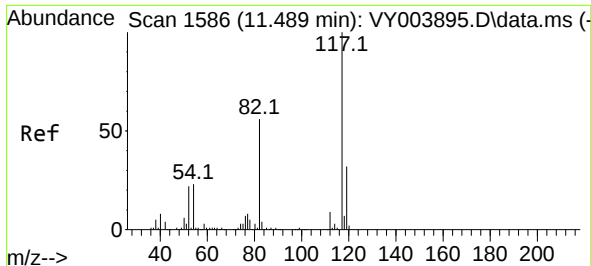
Tgt Ion: 63 Resp: 3031
Ion Ratio Lower Upper
63 100
106 29.7 23.1 34.7



#62
4-Bromofluorobenzene
Concen: 45.30 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY003915.D
Acq: 14 Jan 2021 12:04

Tgt Ion: 95 Resp: 120379
Ion Ratio Lower Upper
95 100
174 89.9 0.0 193.2
176 88.0 0.0 187.0

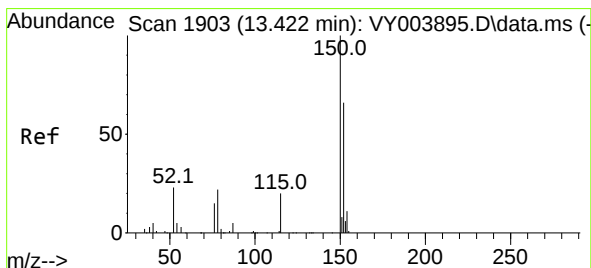
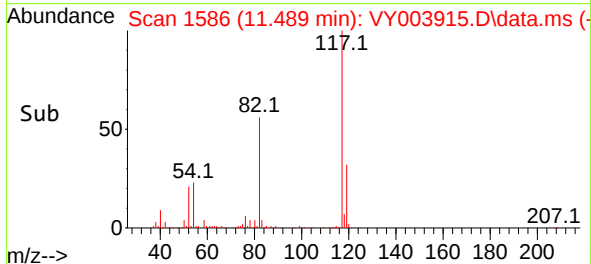
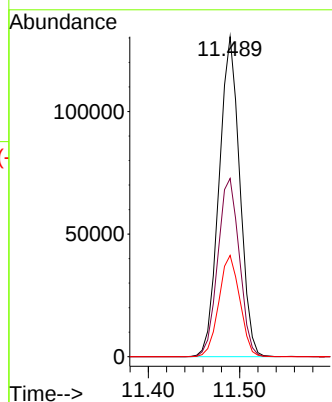
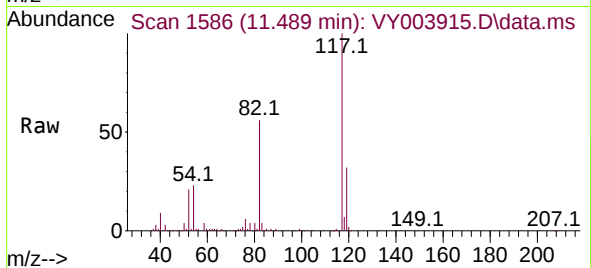




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY003915.D
Acq: 14 Jan 2021 12:04

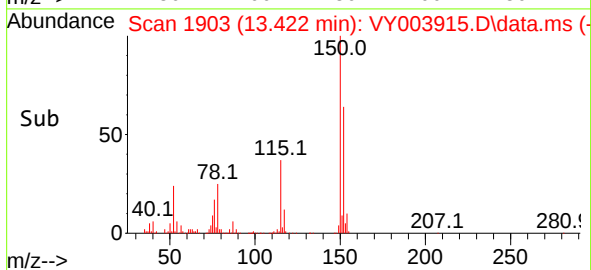
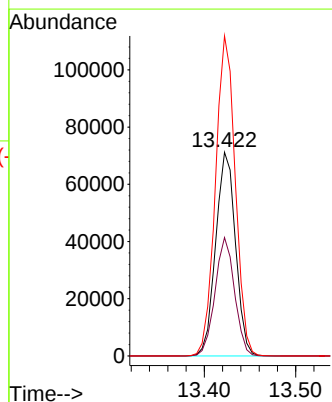
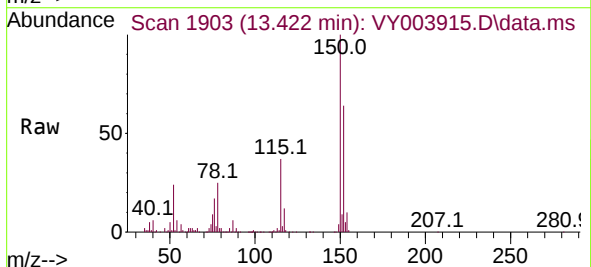
Instrument :
MSVOA_Y
ClientSampled :

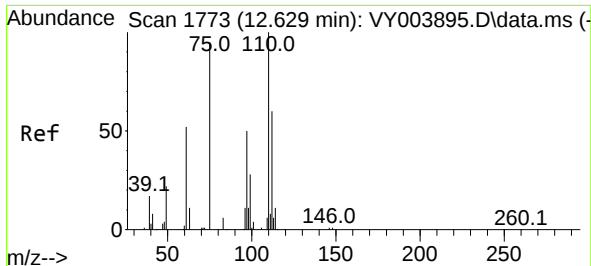
Tgt Ion:117 Resp: 205310
Ion Ratio Lower Upper
117 100
82 55.7 43.9 65.9
119 31.6 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY003915.D
Acq: 14 Jan 2021 12:04

Tgt Ion:152 Resp: 107331
Ion Ratio Lower Upper
152 100
115 57.1 27.9 83.7
150 156.7 0.0 356.4

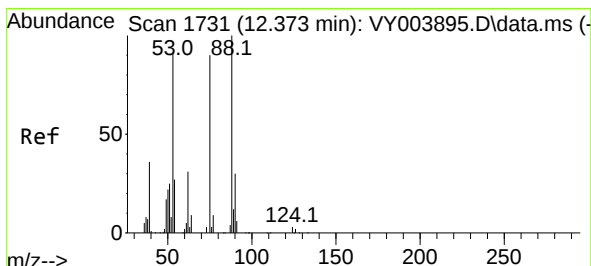
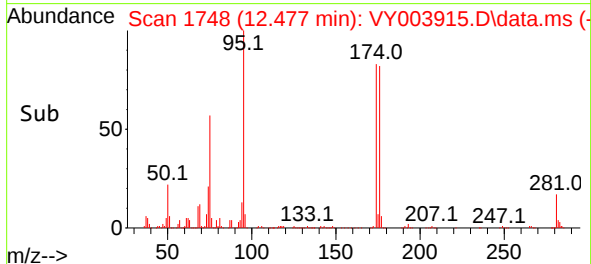
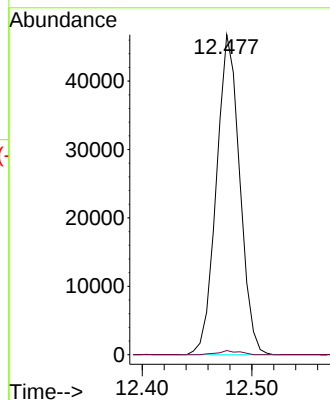
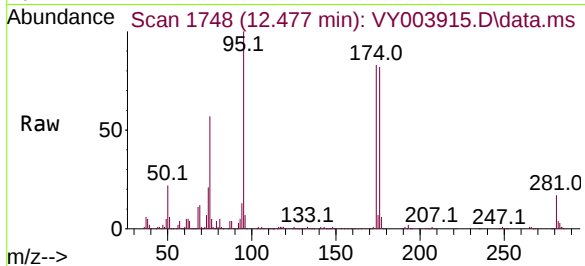




#76
1,2,3-Trichloropropane
Concen: 47.67 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY003915.D
Acq: 14 Jan 2021 12:04

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 69184
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.49 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY003915.D
Acq: 14 Jan 2021 12:04

Tgt Ion: 75 Resp: 69184
Ion Ratio Lower Upper
75 100
53 0.1 75.0 112.6#
89 0.2 0.0 0.0#

