

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011421\
 Data File : VY003920.D
 Acq On : 14 Jan 2021 15:36
 Operator : SY/MD
 Sample : M1124-03
 Misc : 3.91G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 15 00:58:13 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	209647	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	359583	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	314611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123141	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	134005	41.15	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.30%
35) Dibromofluoromethane	7.722	113	116174	39.53	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.06%
50) Toluene-d8	10.179	98	441848	37.10	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	74.20%
62) 4-Bromofluorobenzene	12.477	95	137654	31.65	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	63.30%

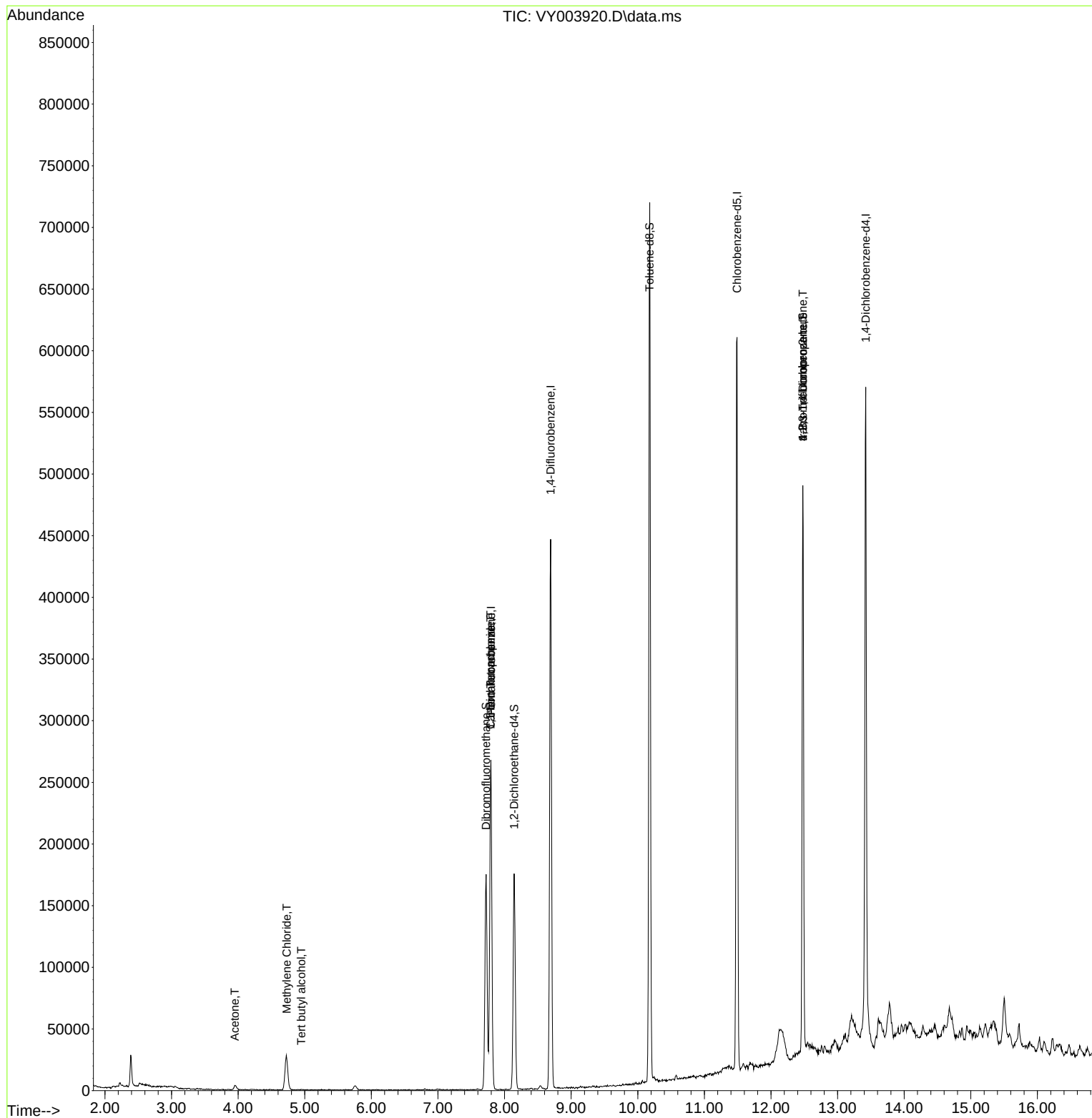
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	63	Below Cal	#	43
3) Chloromethane	2.119	50	802	Below Cal	#	68
11) Tert butyl alcohol	4.948	59	448	1.32	ug/l #	73
16) Acetone	3.948	43	6461	8.02	ug/l	98
20) Methylene Chloride	4.729	84	18668	6.19	ug/l	95
36) 1,1-Dichloropropene	7.789	75	15520	3.15	ug/l #	50
38) Carbon Tetrachloride	7.789	117	19922	3.82	ug/l #	14
76) 1,2,3-Trichloropropane	12.477	75	73938	44.41	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	73938	84.30	ug/l #	3

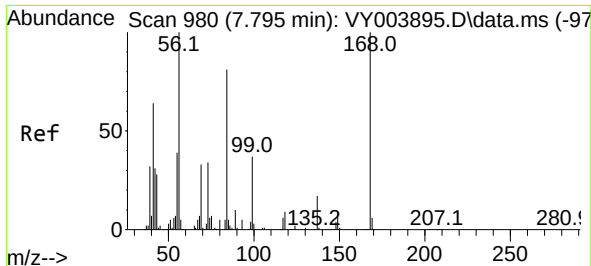
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jan 12 11:47:10 2021
Response via : Initial Calibration

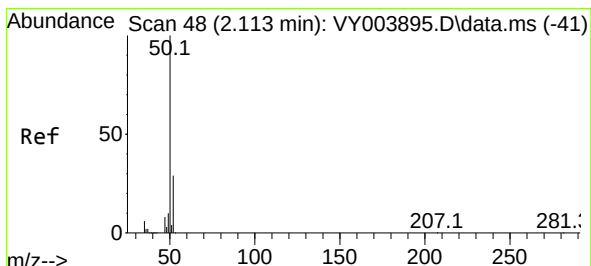
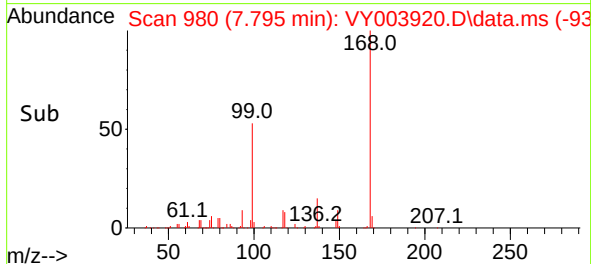
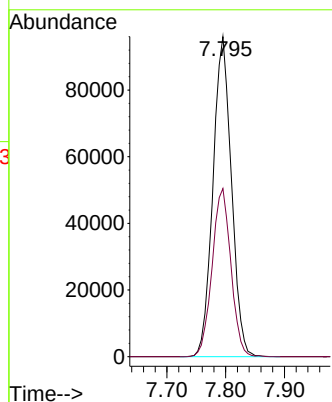
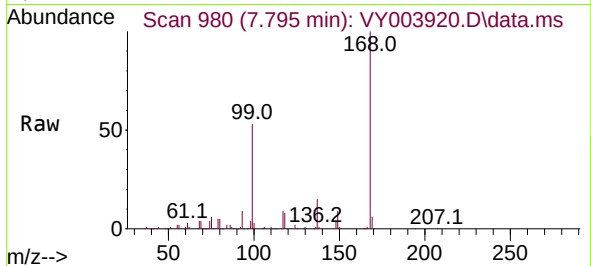




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY003920.D
Acq: 14 Jan 2021 15:36

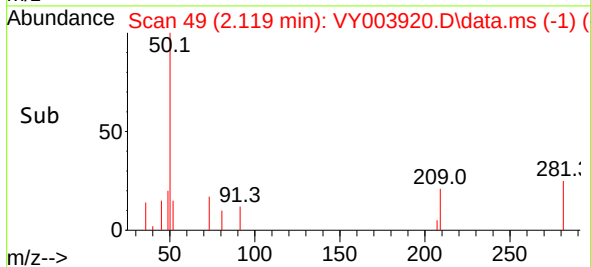
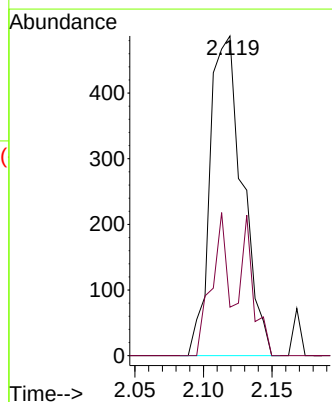
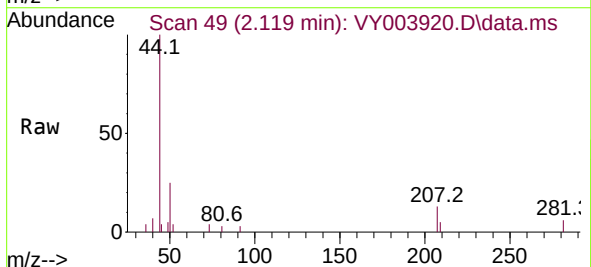
Instrument :
MSVOA_Y
ClientSampled :

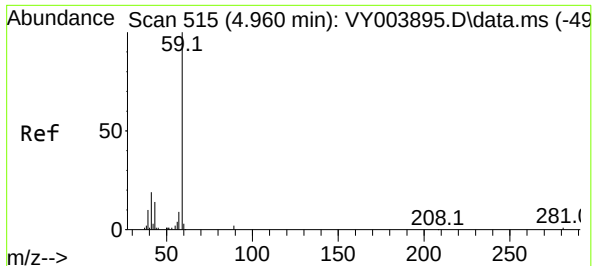
Tgt Ion:168 Resp: 209647
Ion Ratio Lower Upper
168 100
99 52.6 40.4 60.6



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY003920.D
Acq: 14 Jan 2021 15:36

Tgt Ion: 50 Resp: 802
Ion Ratio Lower Upper
50 100
52 15.2 26.6 40.0#



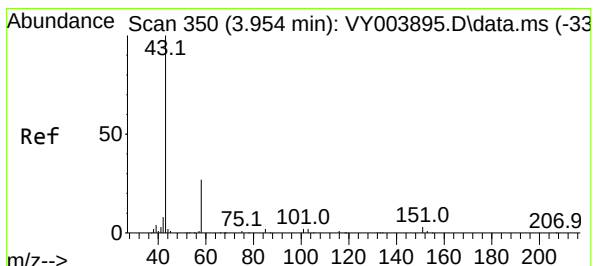
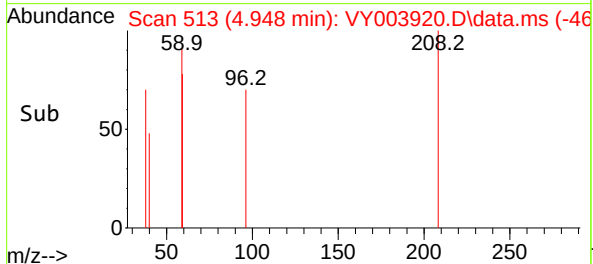
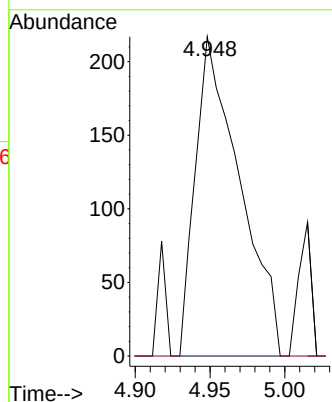
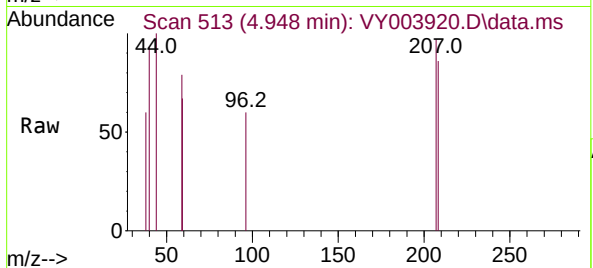


#11

Tert butyl alcohol
Concen: 1.32 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY003920.D
Acq: 14 Jan 2021 15:36

Instrument :
MSVOA_Y
ClientSampled :

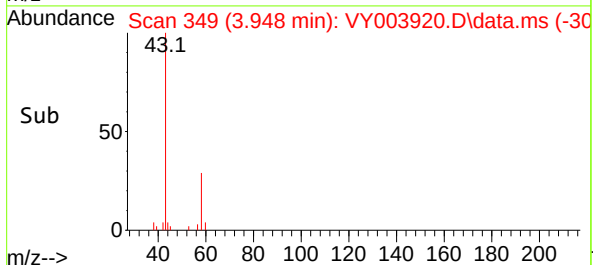
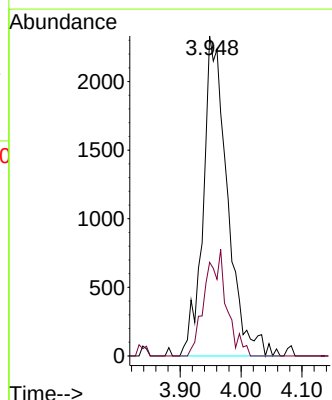
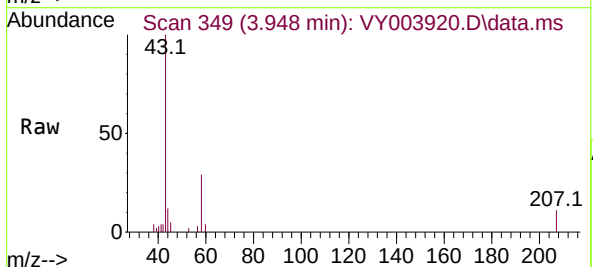
Tgt Ion: 59 Resp: 448
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

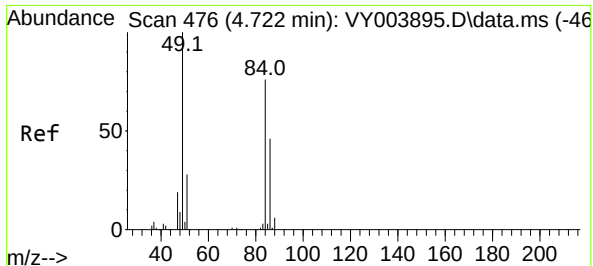


#16

Acetone
Concen: 8.02 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY003920.D
Acq: 14 Jan 2021 15:36

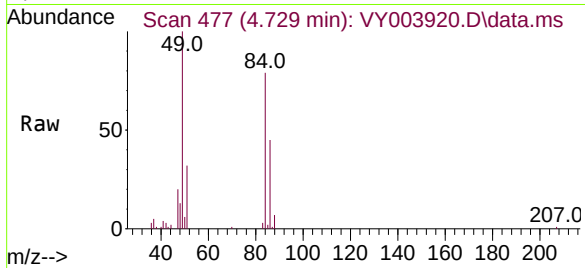
Tgt Ion: 43 Resp: 6461
Ion Ratio Lower Upper
43 100
58 29.2 24.5 36.7



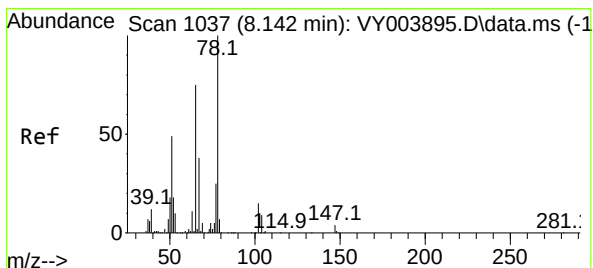
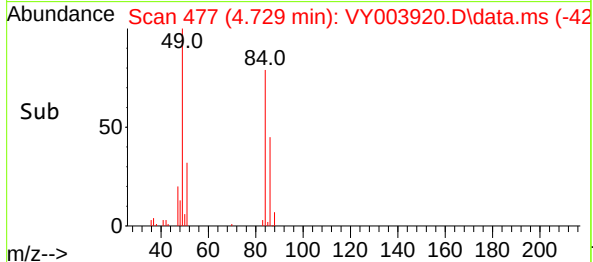
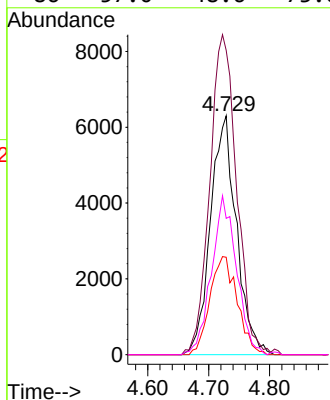


#20
Methylene Chloride
Concen: 6.19 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY003920.D
Acq: 14 Jan 2021 15:36

Instrument :
MSVOA_Y
ClientSampled :

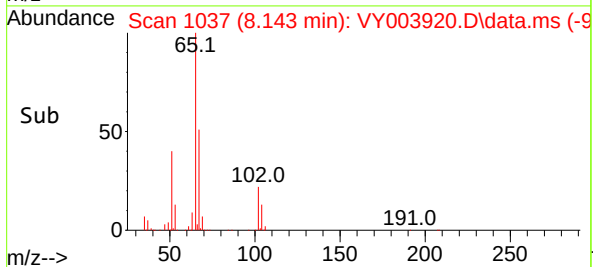
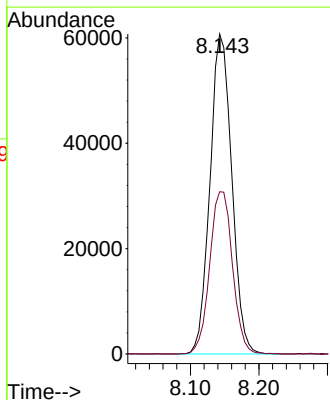
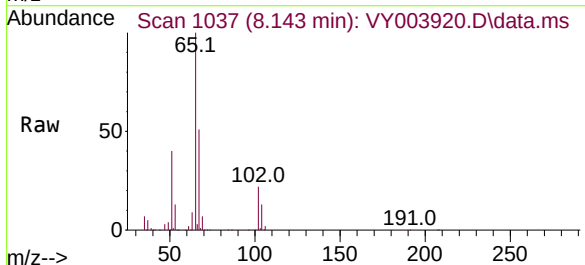


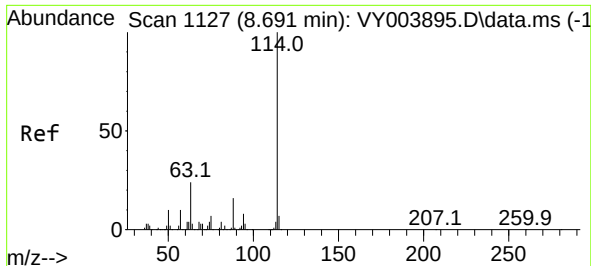
Tgt Ion:	84	Resp:	18668
Ion	Ratio	Lower	Upper
84	100		
49	127.4	98.0	147.0
51	40.8	30.5	45.7
86	57.0	48.6	73.0



#33
1,2-Dichloroethane-d4
Concen: 41.15 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY003920.D
Acq: 14 Jan 2021 15:36

Tgt Ion:	65	Resp:	134005
Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	102.2

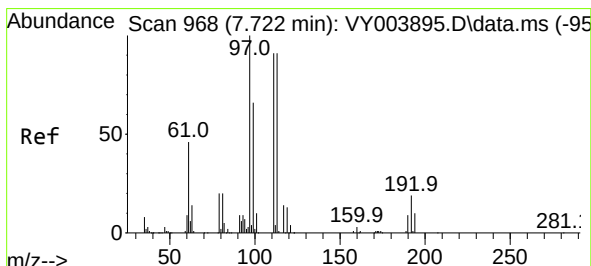
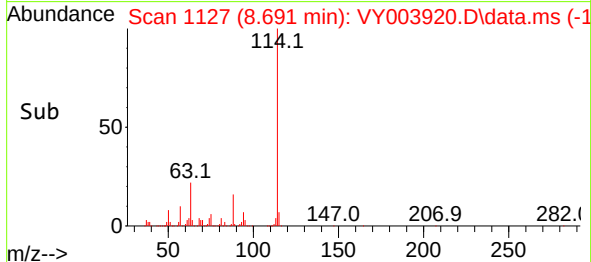
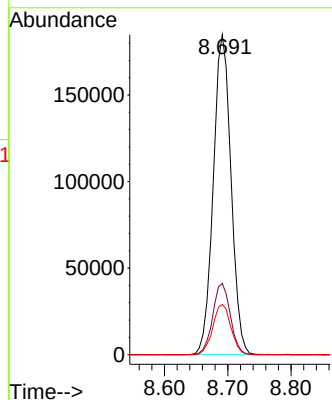
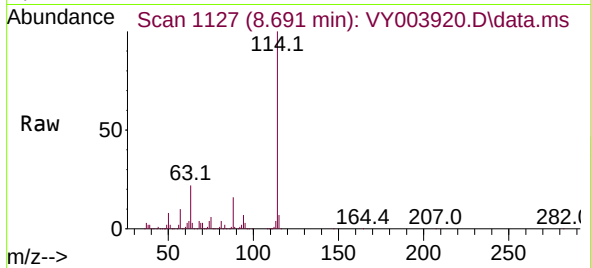




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY003920.D
Acq: 14 Jan 2021 15:36

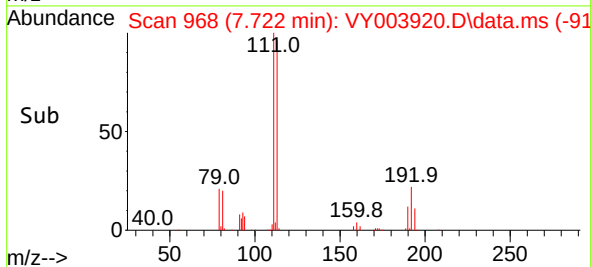
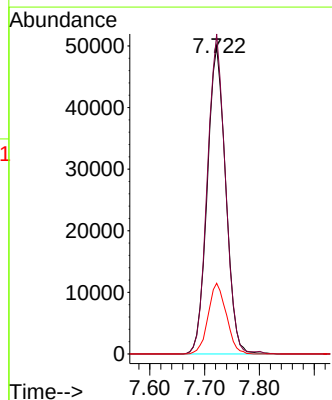
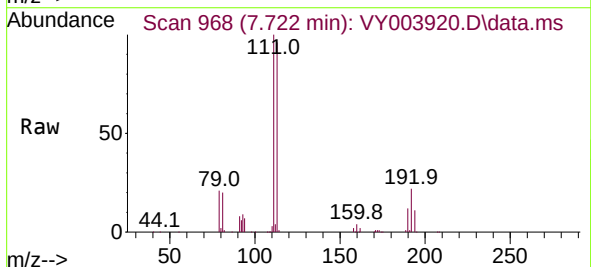
Instrument :
MSVOA_Y
ClientSampleId :

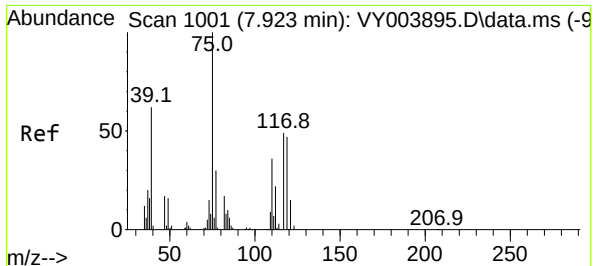
Tgt Ion:114 Resp: 359583
Ion Ratio Lower Upper
114 100
63 22.3 0.0 38.8
88 15.7 0.0 31.4



#35
Dibromofluoromethane
Concen: 39.53 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY003920.D
Acq: 14 Jan 2021 15:36

Tgt Ion:113 Resp: 116174
Ion Ratio Lower Upper
113 100
111 101.7 83.0 124.6
192 22.7 19.8 29.6

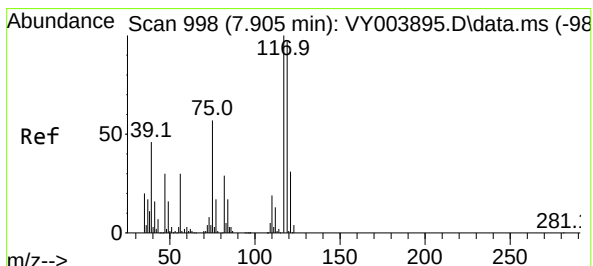
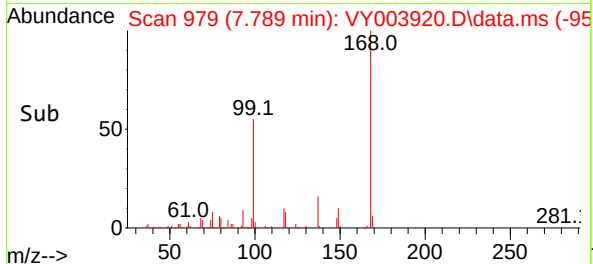
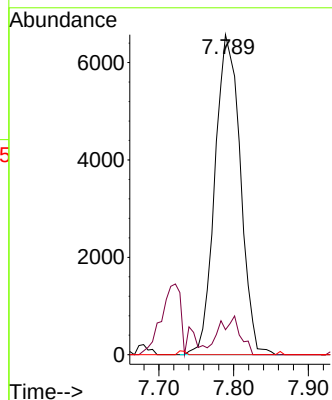
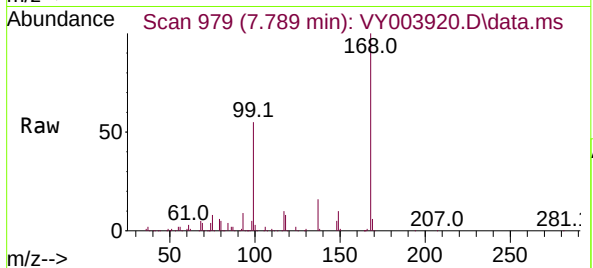




#36
1,1-Dichloropropene
Concen: 3.15 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY003920.D
Acq: 14 Jan 2021 15:36

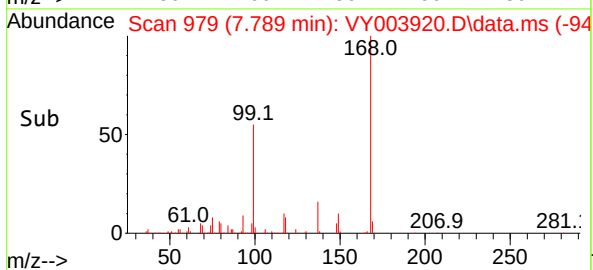
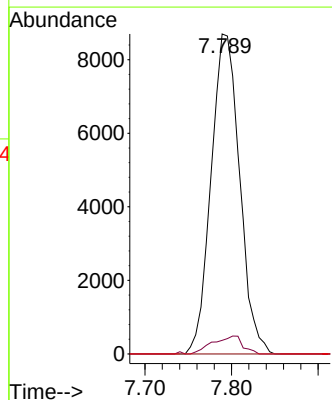
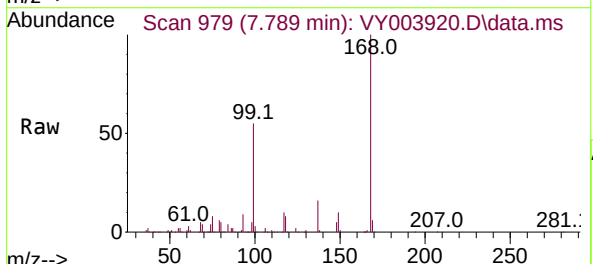
Instrument :
MSVOA_Y
ClientSampleId :

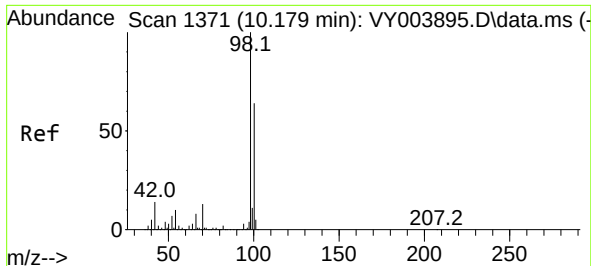
Tgt Ion: 75 Resp: 15520
Ion Ratio Lower Upper
75 100
110 10.0 17.7 53.1#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 3.82 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY003920.D
Acq: 14 Jan 2021 15:36

Tgt Ion: 117 Resp: 19922
Ion Ratio Lower Upper
117 100
119 4.2 78.6 118.0#
121 0.0 25.8 38.6#

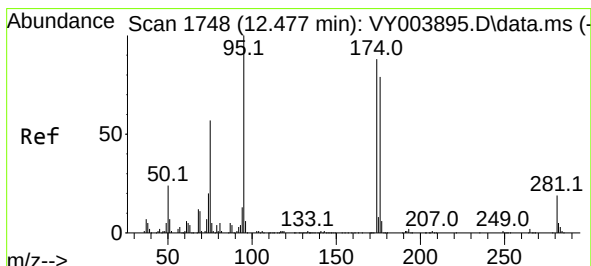
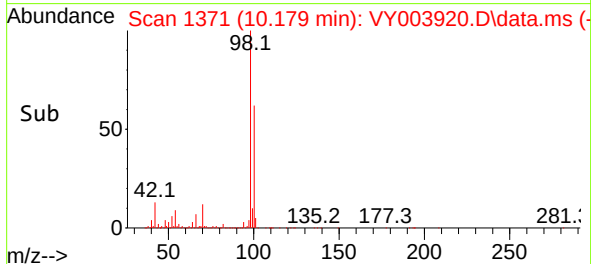
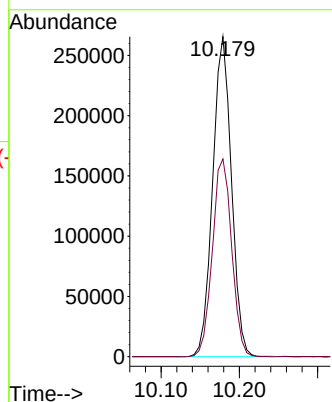
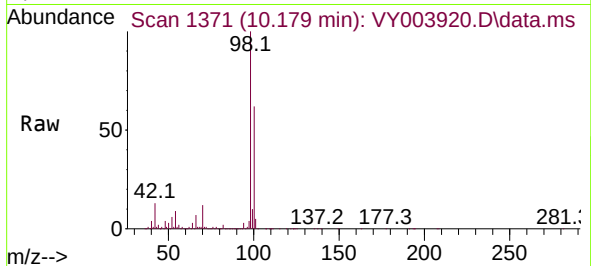




#50
Toluene-d8
Concen: 37.10 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY003920.D
Acq: 14 Jan 2021 15:36

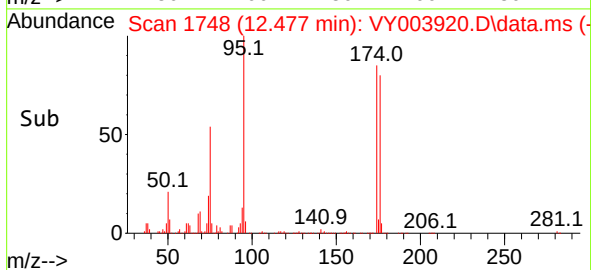
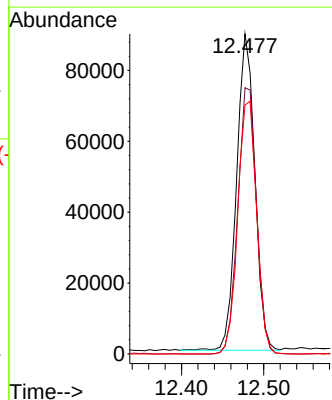
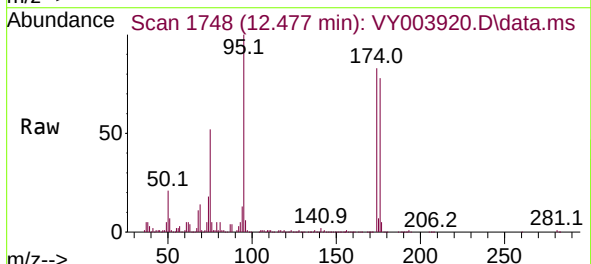
Instrument :
MSVOA_Y
ClientSampled :

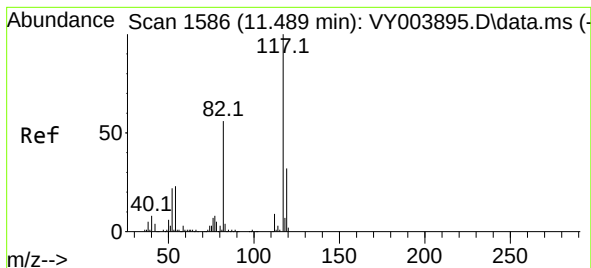
Tgt Ion: 98 Resp: 441848
Ion Ratio Lower Upper
98 100
100 63.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 31.65 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY003920.D
Acq: 14 Jan 2021 15:36

Tgt Ion: 95 Resp: 137654
Ion Ratio Lower Upper
95 100
174 86.5 0.0 193.2
176 82.8 0.0 187.0

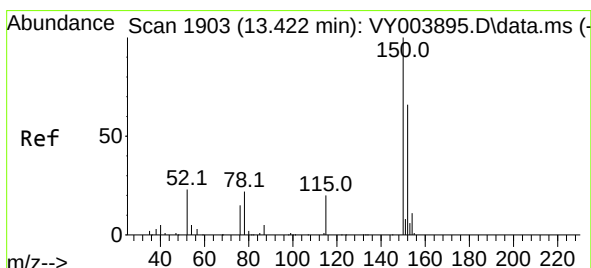
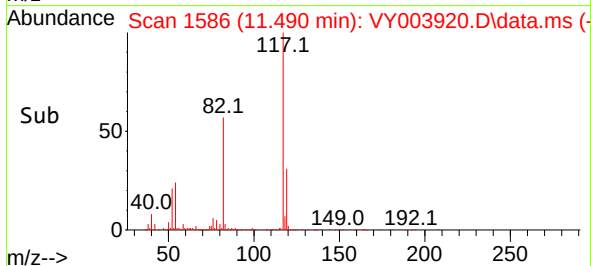
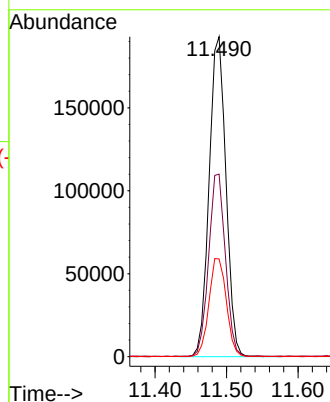
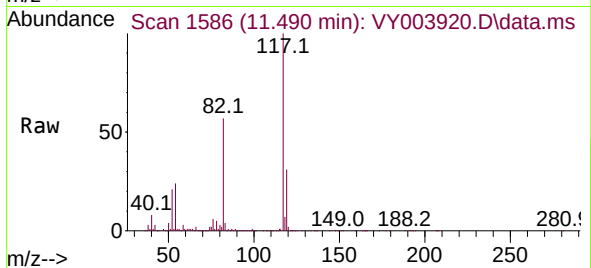




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY003920.D
Acq: 14 Jan 2021 15:36

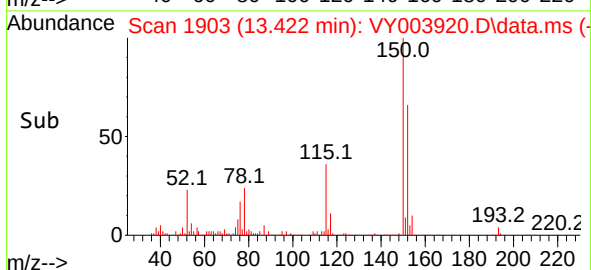
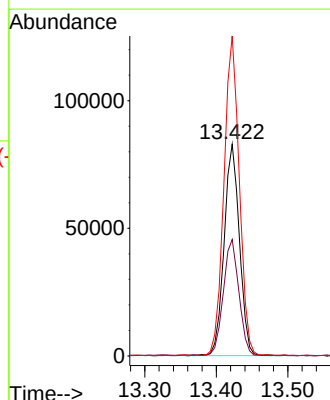
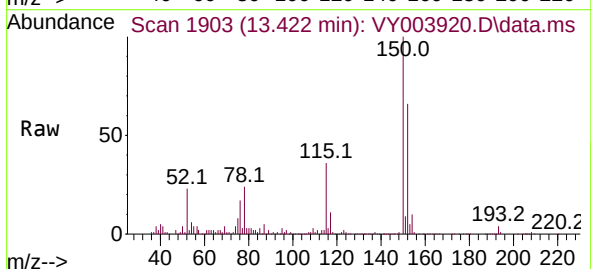
Instrument :
MSVOA_Y
ClientSampled :

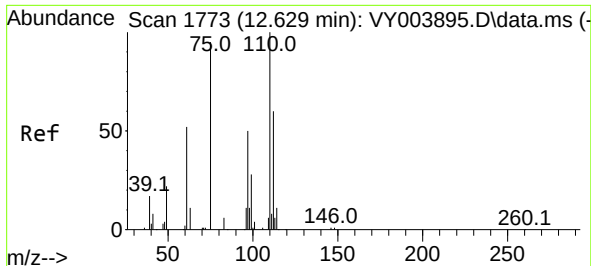
Tgt Ion:117 Resp: 314611
Ion Ratio Lower Upper
117 100
82 56.9 43.9 65.9
119 30.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY003920.D
Acq: 14 Jan 2021 15:36

Tgt Ion:152 Resp: 123141
Ion Ratio Lower Upper
152 100
115 55.6 27.9 83.7
150 151.3 0.0 356.4

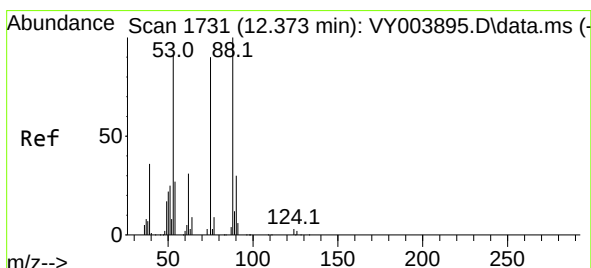
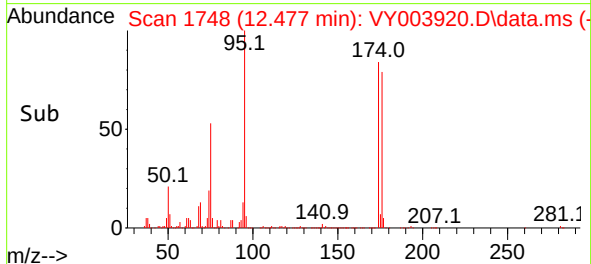
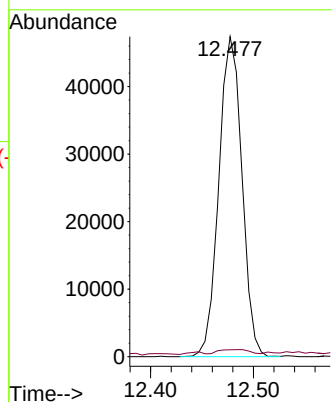
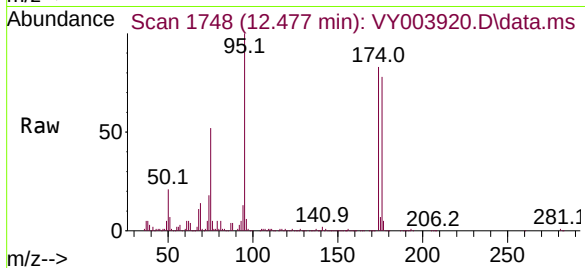




#76
1,2,3-Trichloropropane
Concen: 44.41 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY003920.D
Acq: 14 Jan 2021 15:36

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 73938
Ion Ratio Lower Upper
75 100
77 2.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.30 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY003920.D
Acq: 14 Jan 2021 15:36

Tgt Ion: 75 Resp: 73938
Ion Ratio Lower Upper
75 100
53 0.4 75.0 112.6#
89 0.0 0.0 0.0

