

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021221\
 Data File : VY004027.D
 Acq On : 12 Feb 2021 17:11
 Operator : SY/MD
 Sample : M1402-02
 Misc : 6.24g/5mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 13 00:12:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 01 00:38:02 2021
 Response via : Initial Calibration

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

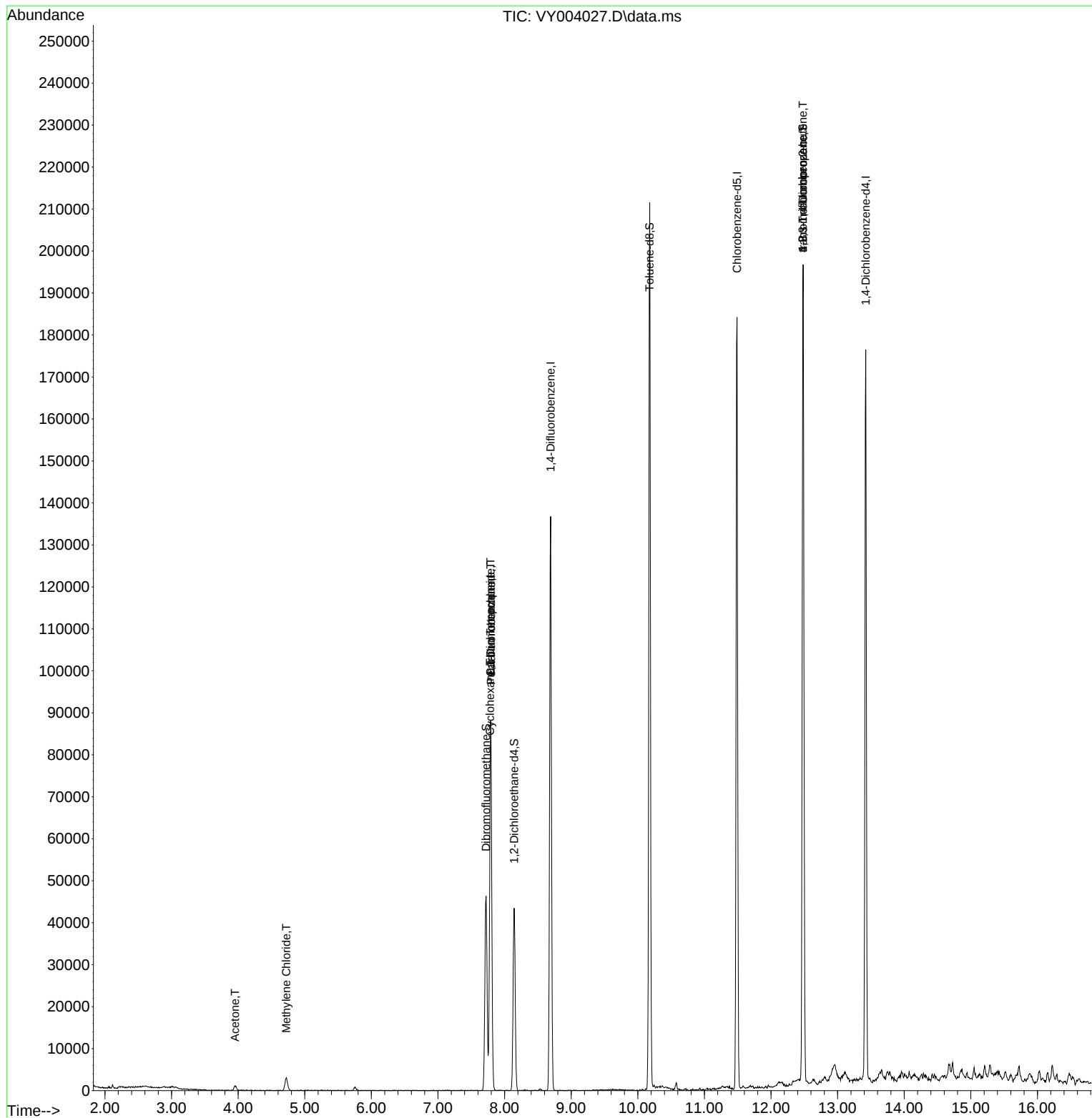
Internal Standards						
1) Pentafluorobenzene	7.795	168	69148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	110319	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	96864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	43664	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	35290	46.41	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.82%
35) Dibromofluoromethane	7.722	113	32184	49.90	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.80%
50) Toluene-d8	10.179	98	133083	52.58	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.16%
62) 4-Bromofluorobenzene	12.477	95	43675	47.33	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.66%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	1981	10.61	ug/l	98
20) Methylene Chloride	4.722	84	2217	2.80	ug/l	90
31) Cyclohexane	7.783	56	1429	1.12	ug/l #	3
36) 1,1-Dichloropropene	7.789	75	5079	4.55	ug/l #	48
38) Carbon Tetrachloride	7.789	117	6730	5.58	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	23849	54.21	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	23849	103.62	ug/l #	11

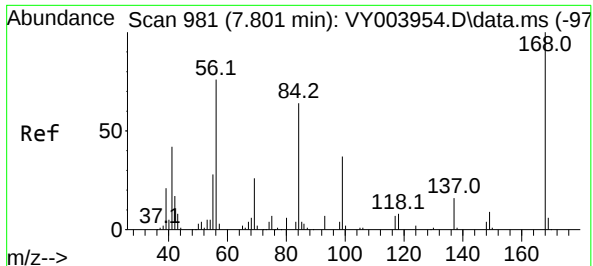
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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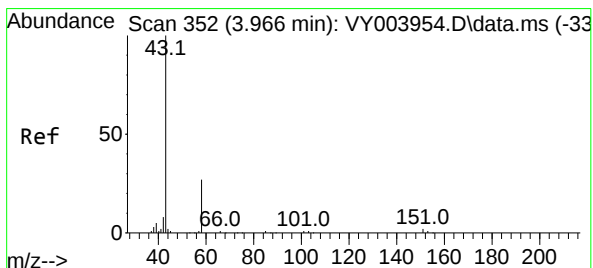
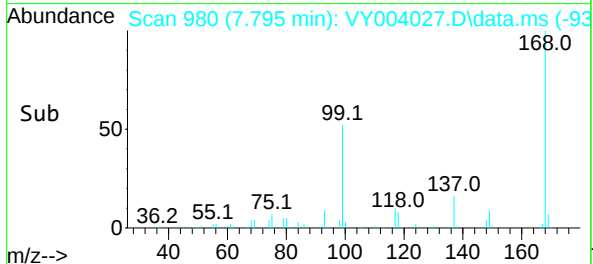
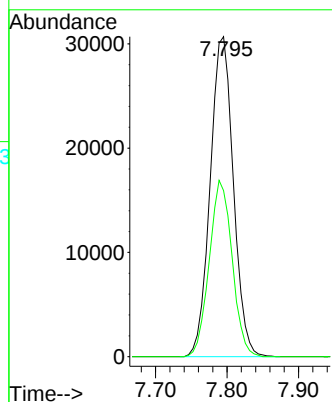
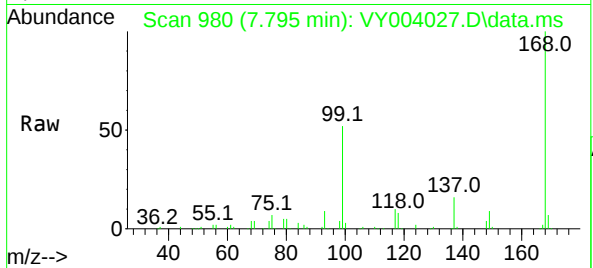




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004027.D
Acq: 12 Feb 2021 17:11

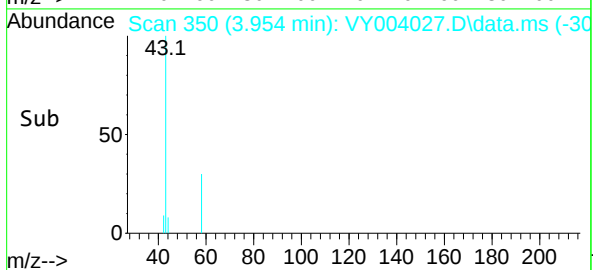
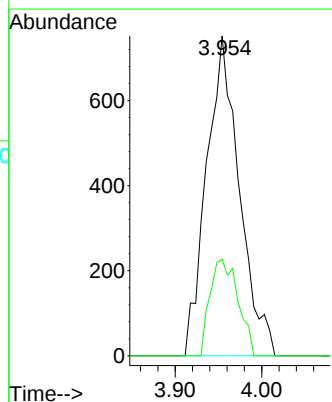
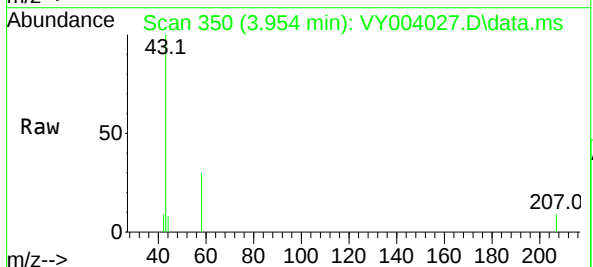
Instrument :
MSVOA_Y
ClientSampled :

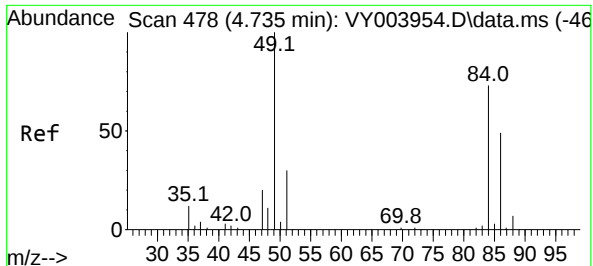
Tgt Ion:168 Resp: 69148
Ion Ratio Lower Upper
168 100
99 51.9 46.1 69.1



#16
Acetone
Concen: 10.61 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.012 min
Lab File: VY004027.D
Acq: 12 Feb 2021 17:11

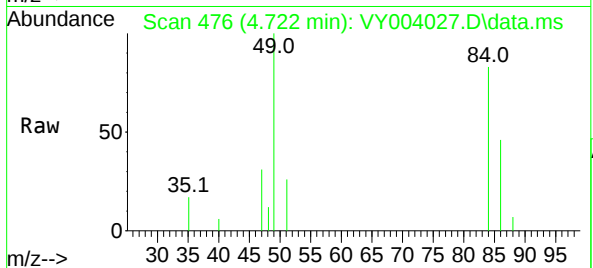
Tgt Ion: 43 Resp: 1981
Ion Ratio Lower Upper
43 100
58 30.2 23.4 35.0



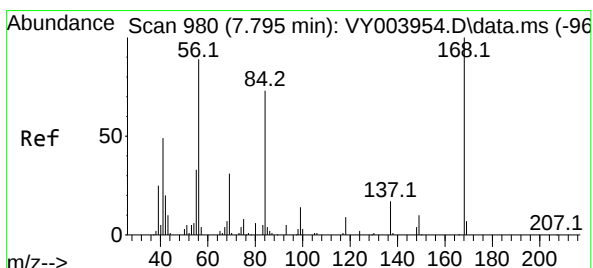
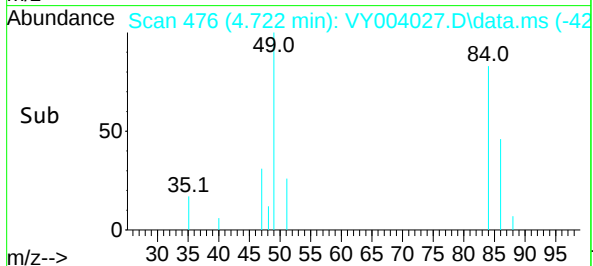
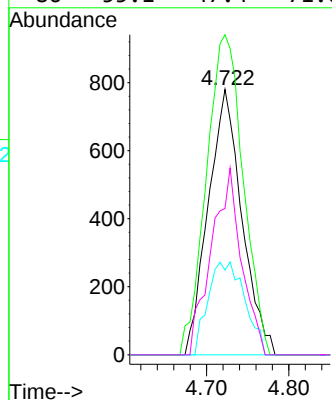


#20
Methylene Chloride
Concen: 2.80 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.012 min
Lab File: VY004027.D
Acq: 12 Feb 2021 17:11

Instrument :
MSVOA_Y
ClientSampled :

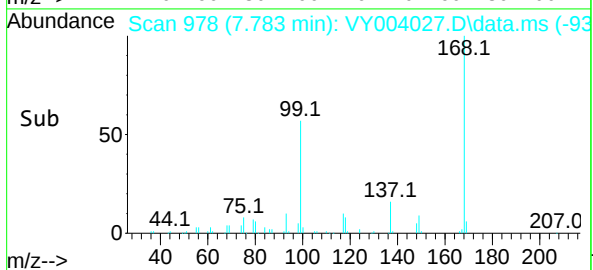
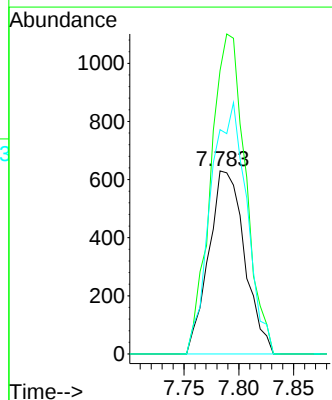
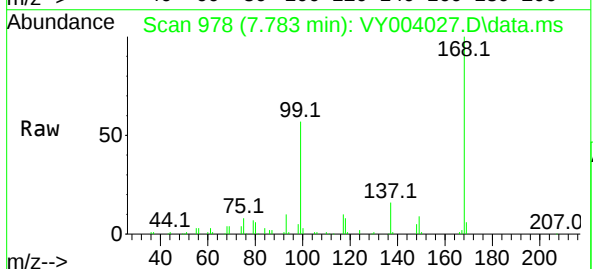


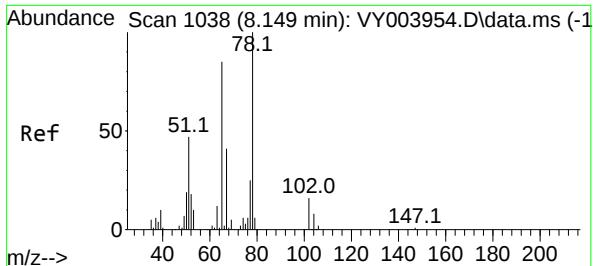
Tgt Ion:	84	Resp:	2217
Ion	Ratio	Lower	Upper
84	100		
49	120.6	107.0	160.4
51	31.9	31.9	47.9
86	55.1	47.4	71.0



#31
Cyclohexane
Concen: 1.12 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.012 min
Lab File: VY004027.D
Acq: 12 Feb 2021 17:11

Tgt Ion:	56	Resp:	1429
Ion	Ratio	Lower	Upper
56	100		
69	154.8	25.0	37.4#
84	122.5	64.5	96.7#

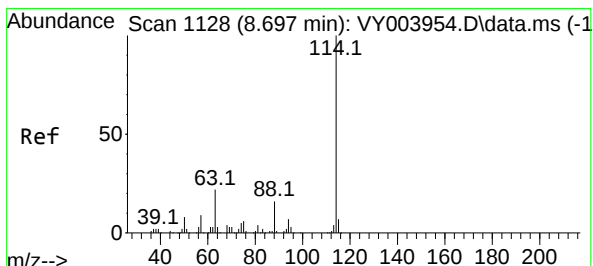
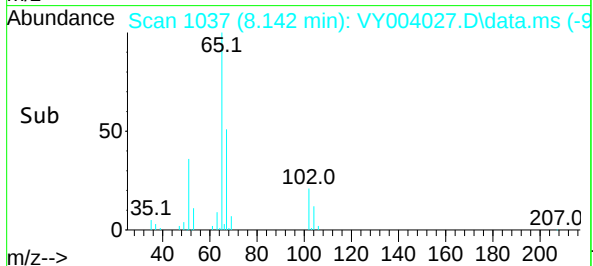
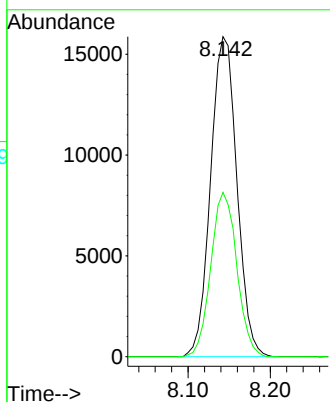
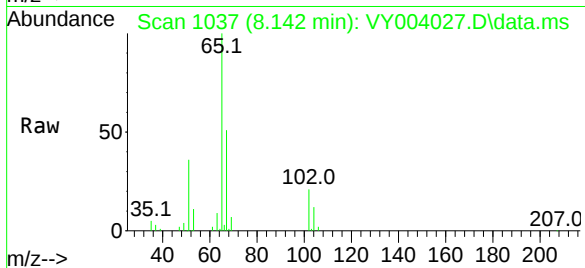




#33
1,2-Dichloroethane-d4
Concen: 46.41 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY004027.D
Acq: 12 Feb 2021 17:11

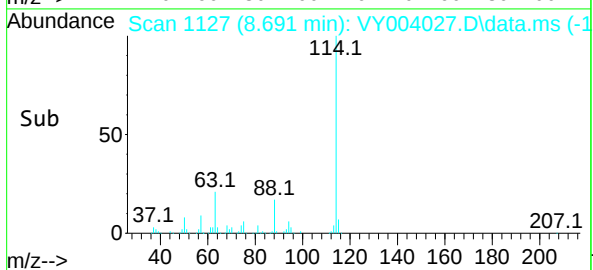
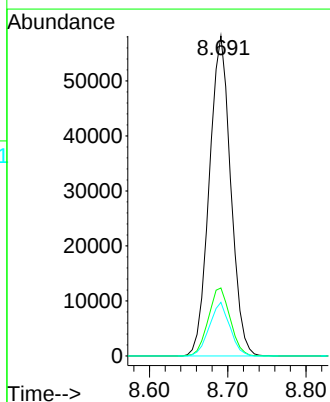
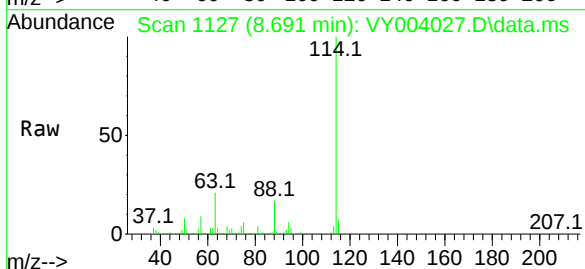
Instrument :
MSVOA_Y
ClientSampleId :

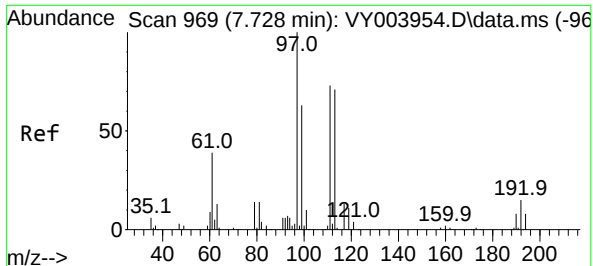
Tgt Ion: 65 Resp: 35290
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004027.D
Acq: 12 Feb 2021 17:11

Tgt Ion: 114 Resp: 110319
Ion Ratio Lower Upper
114 100
63 21.2 0.0 47.2
88 16.7 0.0 30.2





#35

Dibromofluoromethane

Concen: 49.90 ug/l

RT: 7.722 min Scan# 968

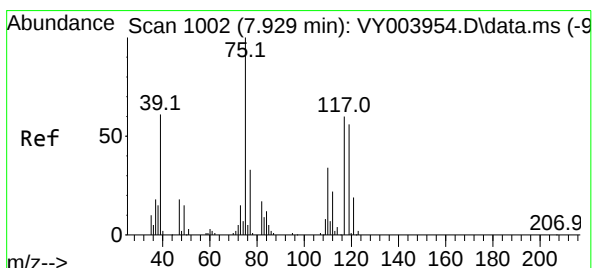
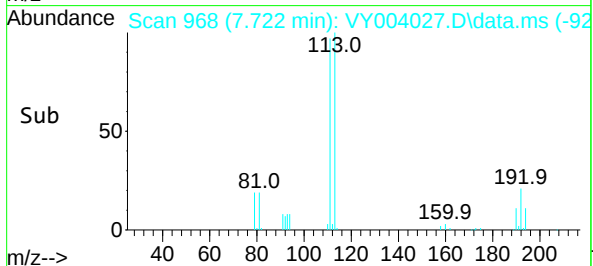
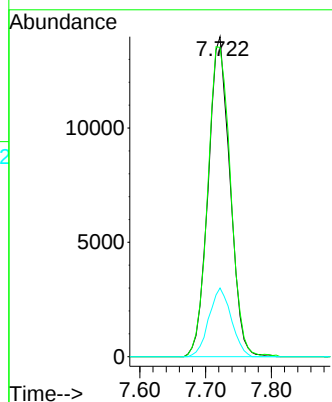
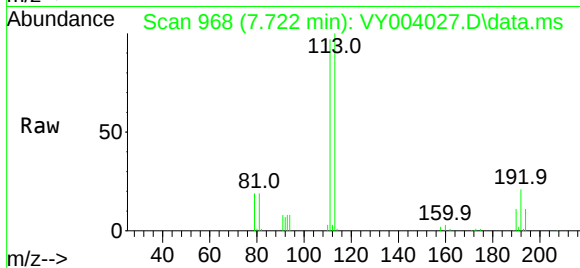
Delta R.T. -0.006 min

Lab File: VY004027.D

Acq: 12 Feb 2021 17:11

Tgt Ion:	113	Resp:	32184
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.2	123.4
192	22.1	18.3	27.5

Instrument :
MSVOA_Y
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.55 ug/l

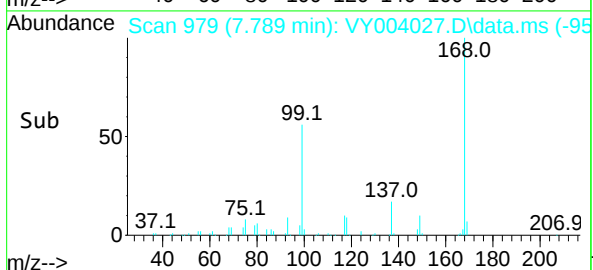
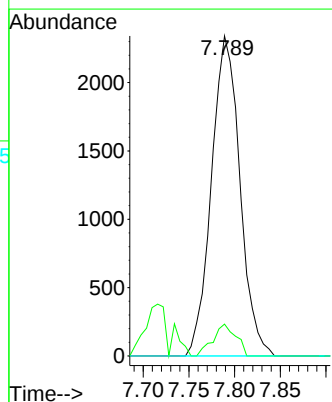
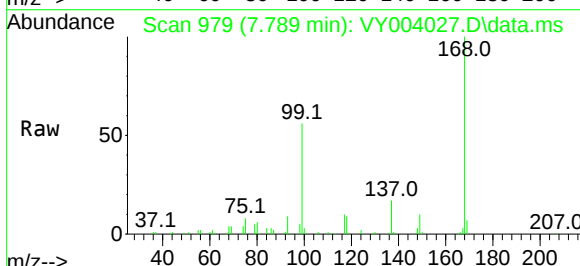
RT: 7.789 min Scan# 979

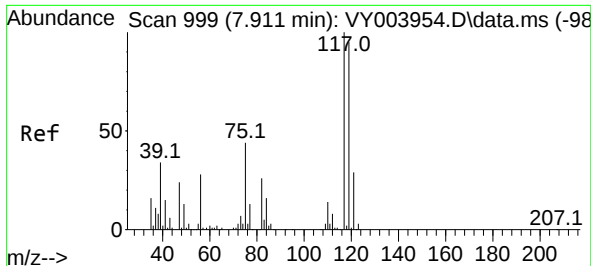
Delta R.T. -0.140 min

Lab File: VY004027.D

Acq: 12 Feb 2021 17:11

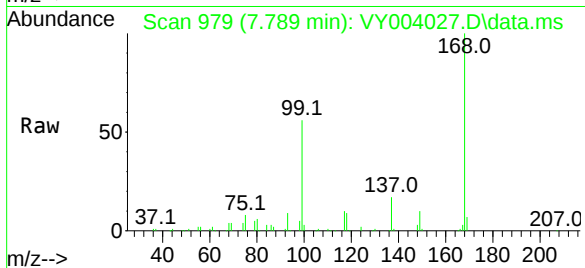
Tgt Ion:	75	Resp:	5079
Ion	Ratio	Lower	Upper
75	100		
110	8.1	17.9	53.8#
77	0.0	24.8	37.2#



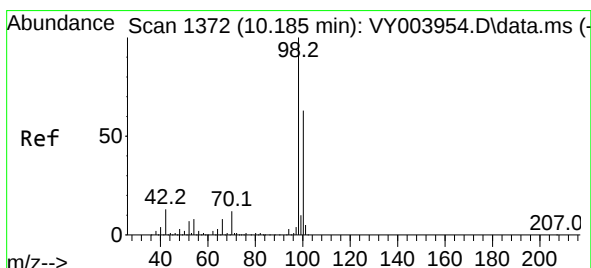
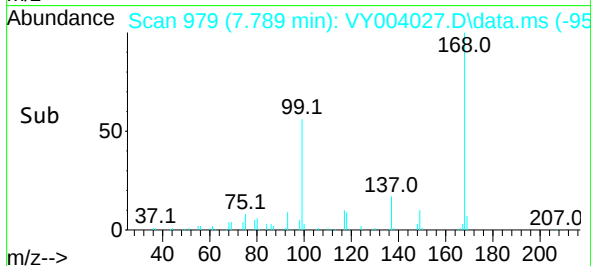
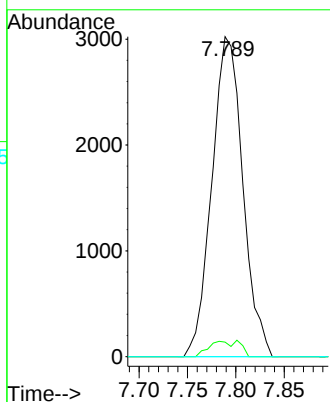


#38
Carbon Tetrachloride
Concen: 5.58 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY004027.D
Acq: 12 Feb 2021 17:11

Instrument :
MSVOA_Y
ClientSampled :

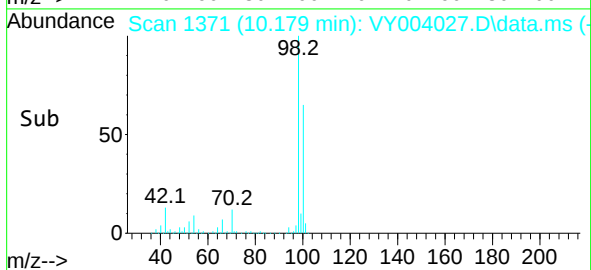
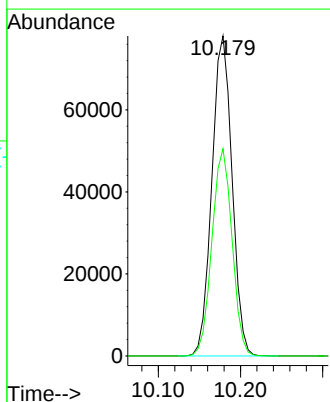
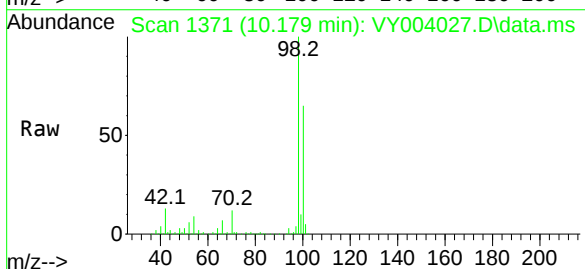


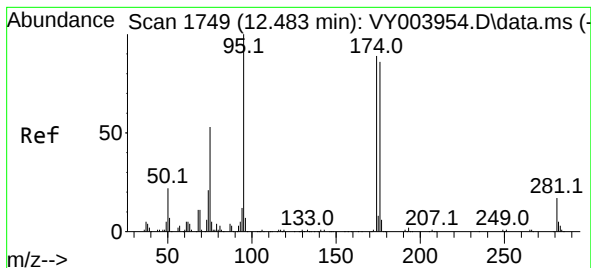
Tgt Ion:117 Resp: 6730
Ion Ratio Lower Upper
117 100
119 4.5 77.4 116.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 52.58 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004027.D
Acq: 12 Feb 2021 17:11

Tgt Ion: 98 Resp: 133083
Ion Ratio Lower Upper
98 100
100 64.6 50.5 75.7

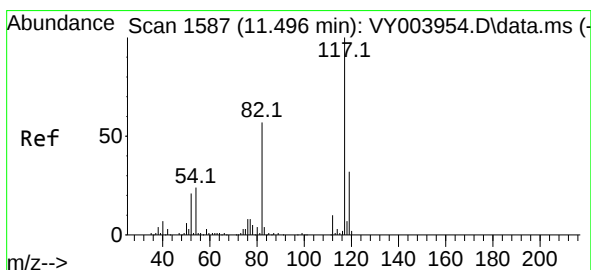
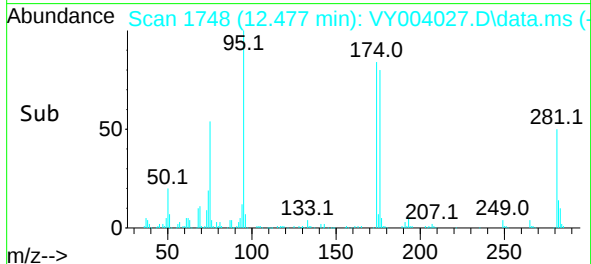
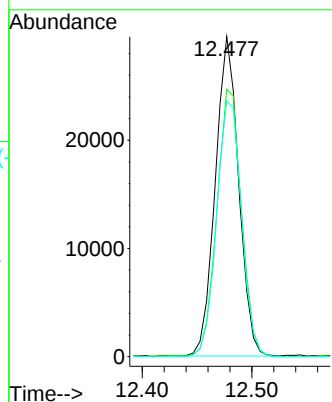
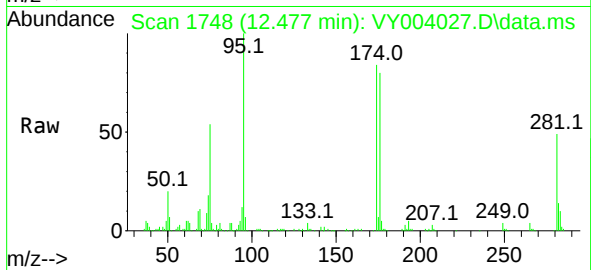




#62
4-Bromofluorobenzene
Concen: 47.33 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY004027.D
Acq: 12 Feb 2021 17:11

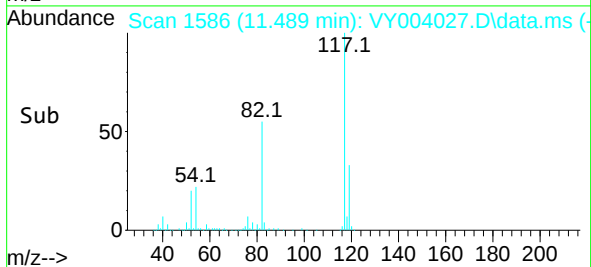
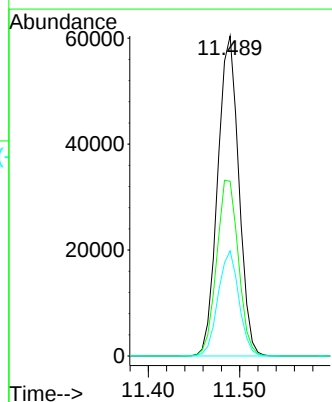
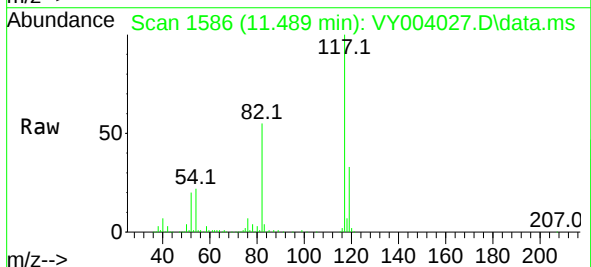
Instrument :
MSVOA_Y
ClientSampleId :

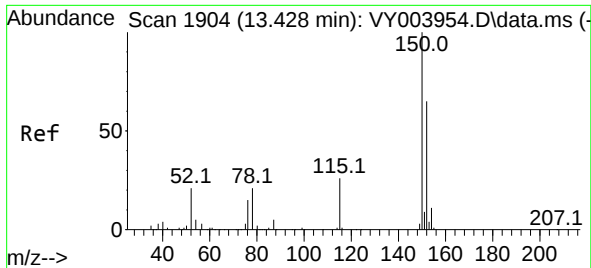
Tgt Ion: 95 Resp: 43675
Ion Ratio Lower Upper
95 100
174 88.6 0.0 184.4
176 85.3 0.0 177.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.007 min
Lab File: VY004027.D
Acq: 12 Feb 2021 17:11

Tgt Ion:117 Resp: 96864
Ion Ratio Lower Upper
117 100
82 54.6 44.3 66.5
119 32.8 25.0 37.6

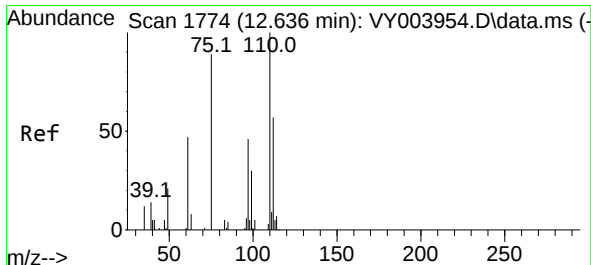
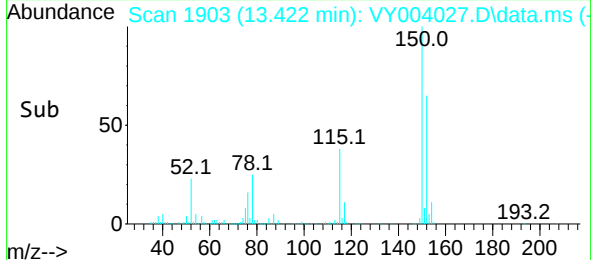
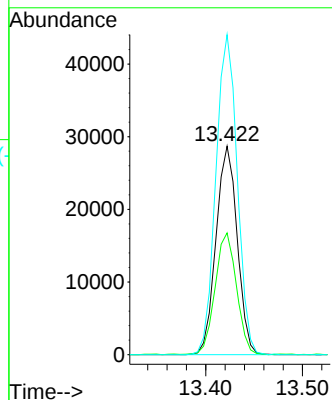
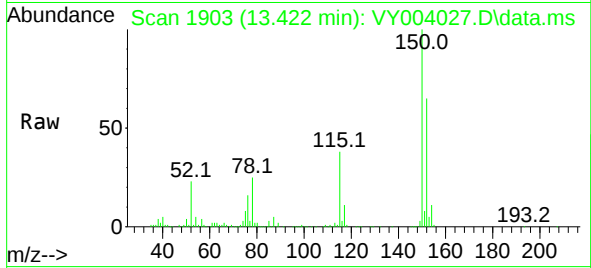




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY004027.D
Acq: 12 Feb 2021 17:11

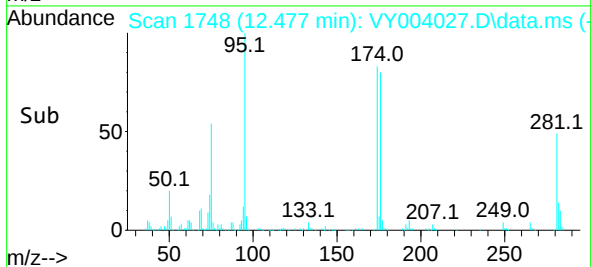
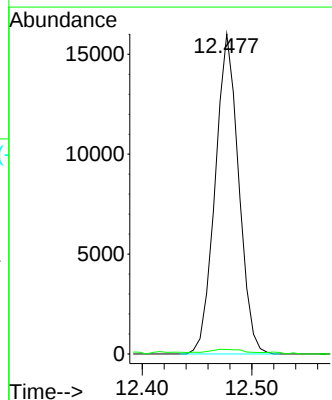
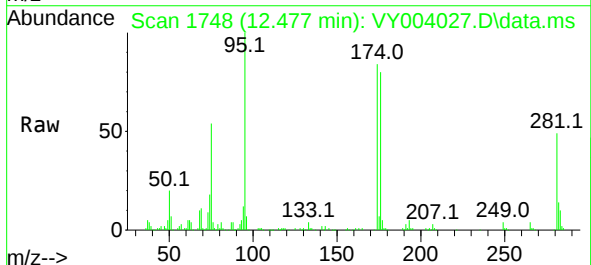
Instrument :
MSVOA_Y
ClientSampleId :

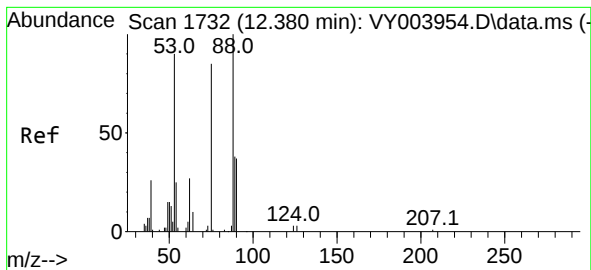
Tgt Ion:152 Resp: 43664
Ion Ratio Lower Upper
152 100
115 59.0 28.2 84.6
150 154.4 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 54.21 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY004027.D
Acq: 12 Feb 2021 17:11

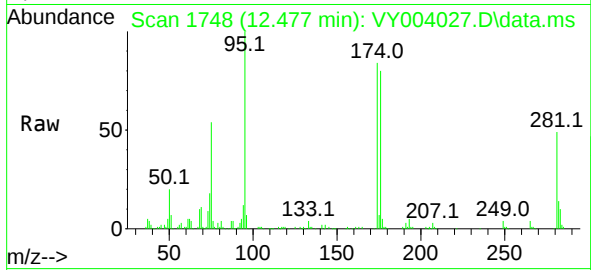
Tgt Ion: 75 Resp: 23849
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.62 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. 0.098 min
 Lab File: VY004027.D
 Acq: 12 Feb 2021 17:11

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 23849
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.2 117.2#
 89 0.7 34.8 52.2#

