

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021221\
 Data File : VY004024.D
 Acq On : 12 Feb 2021 15:37
 Operator : SY/MD
 Sample : M1403-02
 Misc : 6.69g/5mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 13 00:12:09 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)

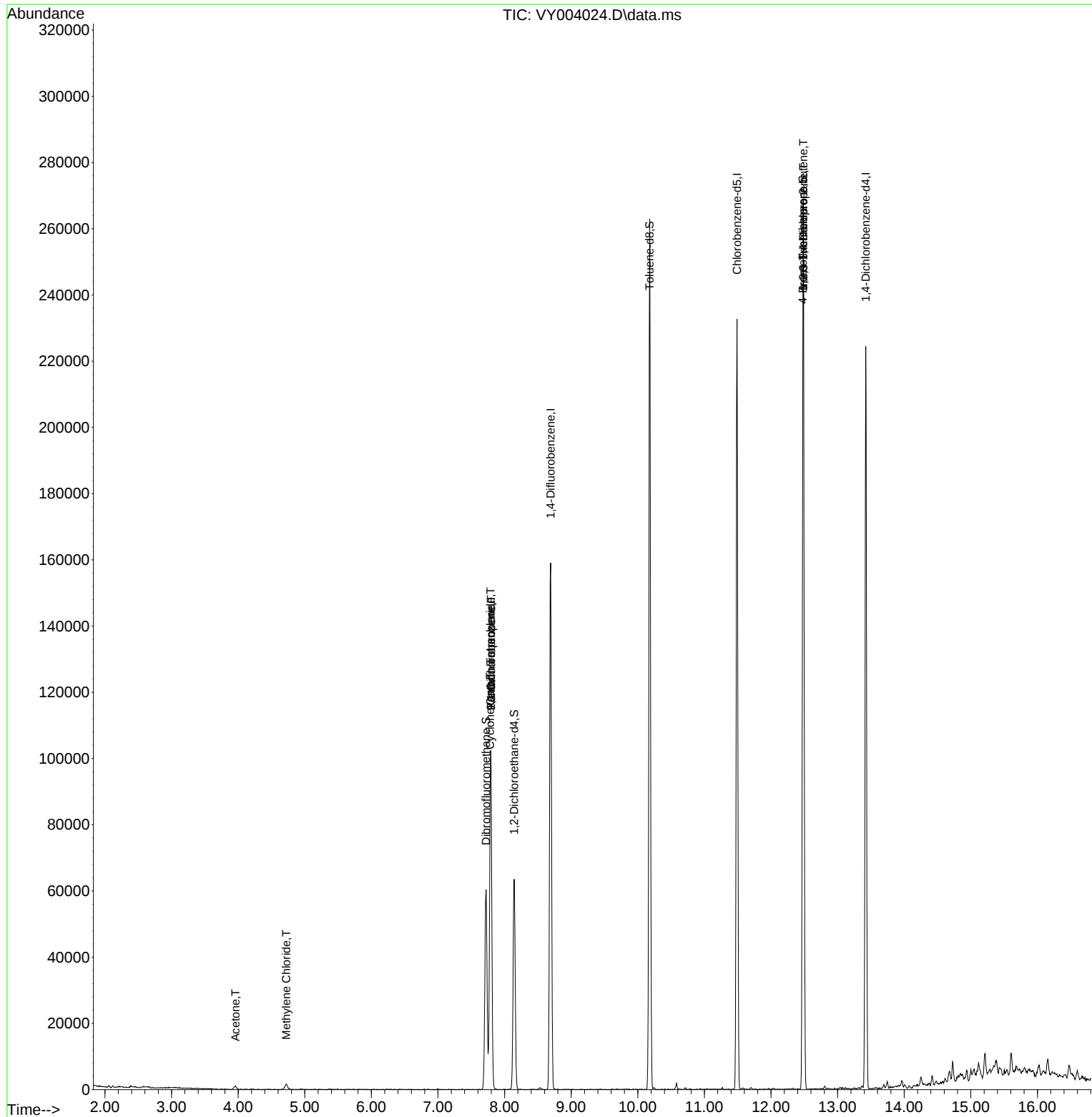
Internal Standards						
1) Pentafluorobenzene	7.795	168	82466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	134069	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	121982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	57382	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	50324	55.50	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.00%
35) Dibromofluoromethane	7.722	113	42046	53.64	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.28%
50) Toluene-d8	10.179	98	163093	53.02	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.04%
62) 4-Bromofluorobenzene	12.477	95	56385	50.28	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.56%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	124	Below Cal	#	77
16) Acetone	3.960	43	1945	8.74	ug/l	97
20) Methylene Chloride	4.722	84	1177	1.25	ug/l	89
31) Cyclohexane	7.783	56	1555	1.02	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	6151	4.54	ug/l #	50
38) Carbon Tetrachloride	7.789	117	7802	5.33	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	30807	53.29	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	30807	101.85	ug/l #	11

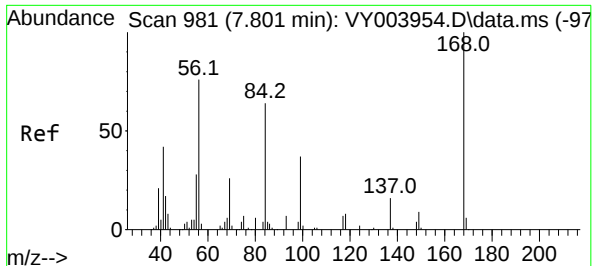
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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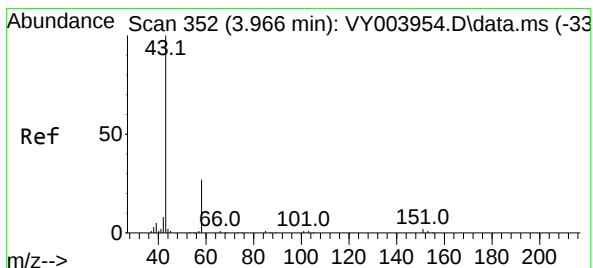
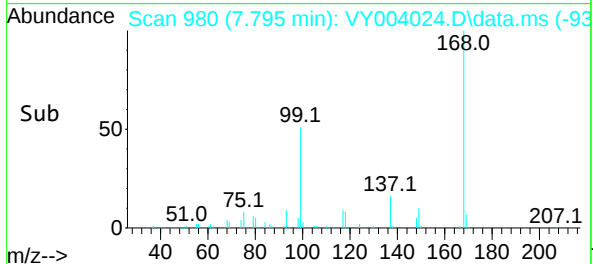
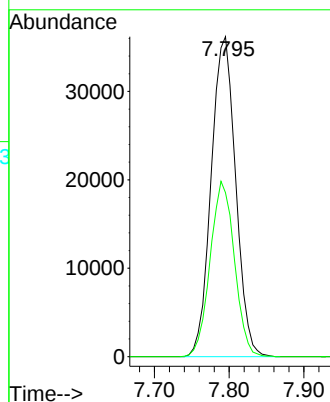
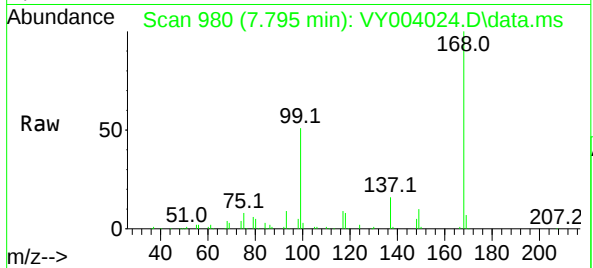




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004024.D
Acq: 12 Feb 2021 15:37

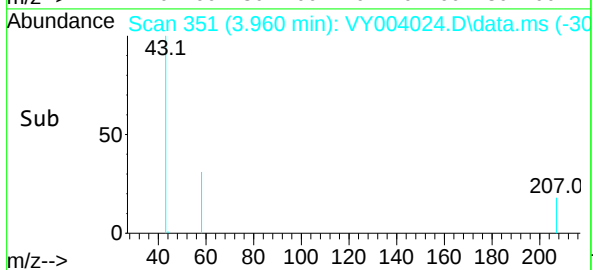
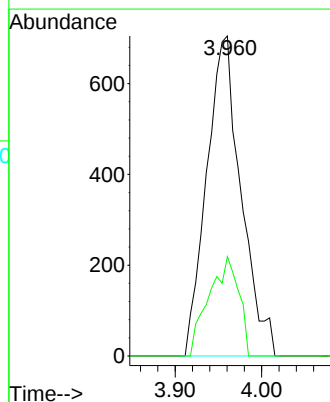
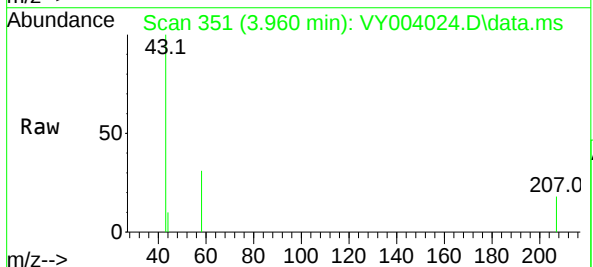
Instrument :
MSVOA_Y
ClientSampled :

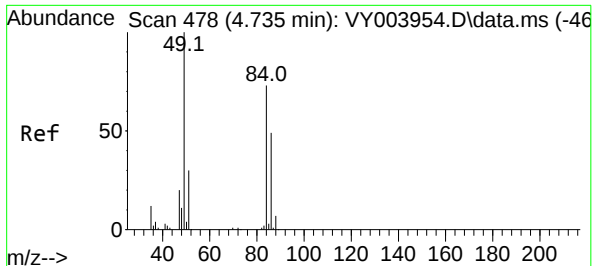
Tgt Ion:168 Resp: 82466
Ion Ratio Lower Upper
168 100
99 51.3 46.1 69.1



#16
Acetone
Concen: 8.74 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY004024.D
Acq: 12 Feb 2021 15:37

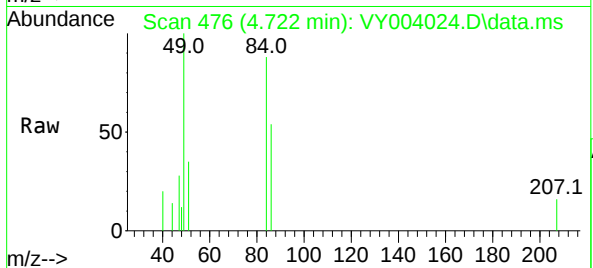
Tgt Ion: 43 Resp: 1945
Ion Ratio Lower Upper
43 100
58 31.1 23.4 35.0





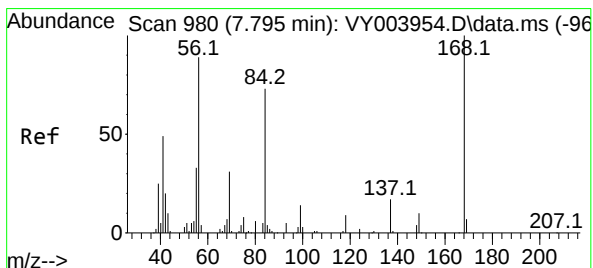
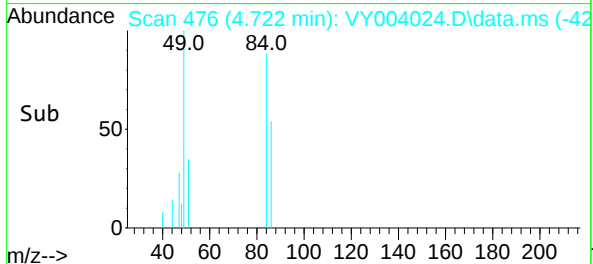
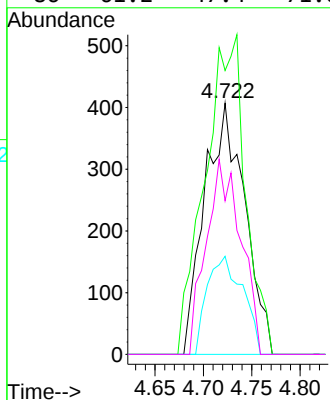
#20
Methylene Chloride
Concen: 1.25 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.012 min
Lab File: VY004024.D
Acq: 12 Feb 2021 15:37

Instrument :
MSVOA_Y
ClientSampled :

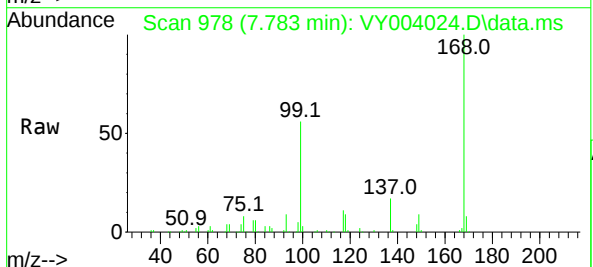


Tgt Ion: 84 Resp: 1177

Ion	Ratio	Lower	Upper
84	100		
49	113.0	107.0	160.4
51	39.1	31.9	47.9
86	61.2	47.4	71.0

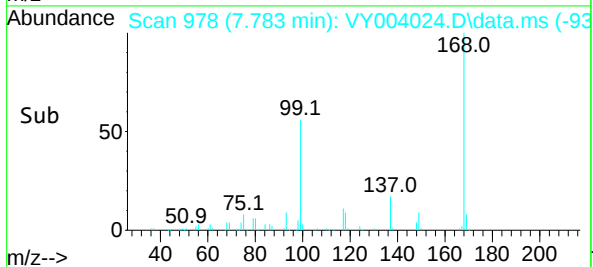
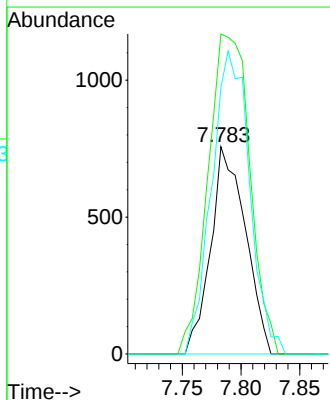


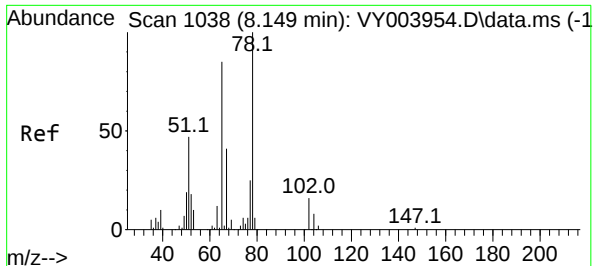
#31
Cyclohexane
Concen: 1.02 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.012 min
Lab File: VY004024.D
Acq: 12 Feb 2021 15:37



Tgt Ion: 56 Resp: 1555

Ion	Ratio	Lower	Upper
56	100		
69	154.4	25.0	37.4#
84	128.7	64.5	96.7#





#33

1,2-Dichloroethane-d4

Concen: 55.50 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VY004024.D

Acq: 12 Feb 2021 15:37

Tgt Ion: 65 Resp: 50324

Ion Ratio Lower Upper

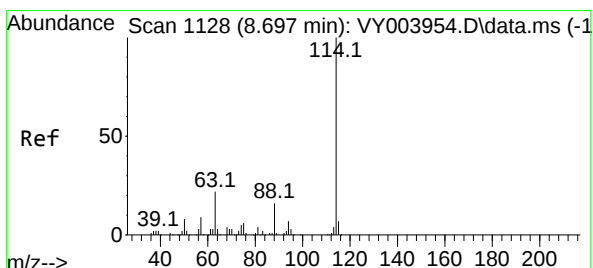
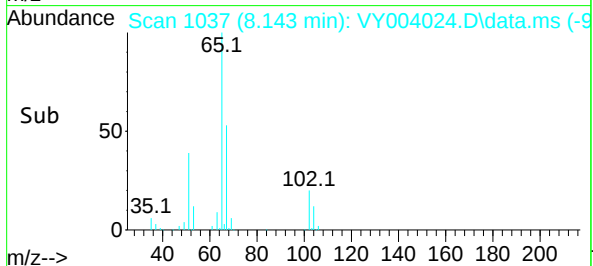
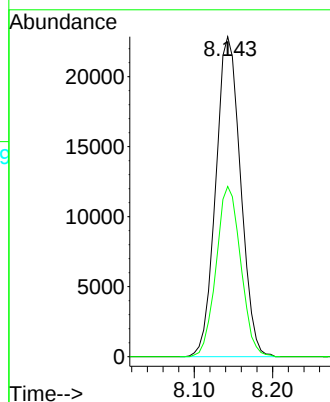
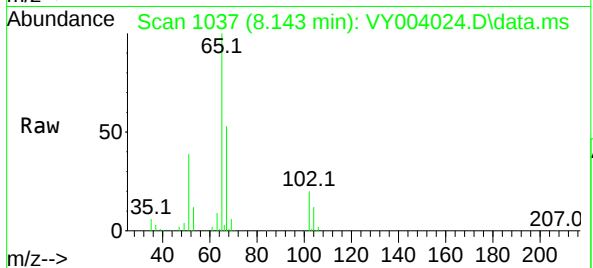
65 100

67 52.6 0.0 101.8

Instrument :

MSVOA_Y

ClientSampleId :



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY004024.D

Acq: 12 Feb 2021 15:37

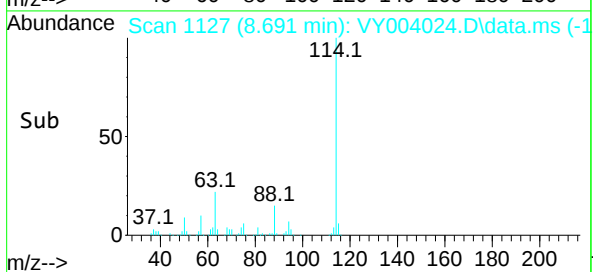
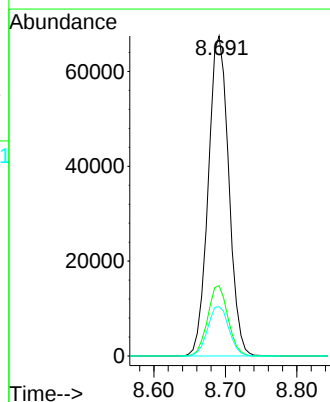
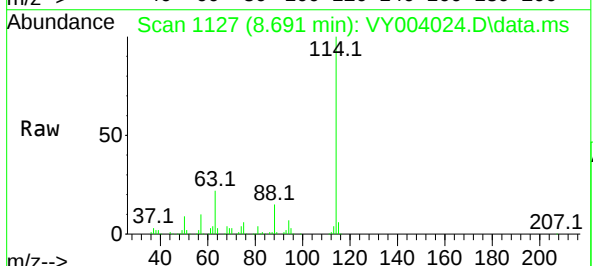
Tgt Ion: 114 Resp: 134069

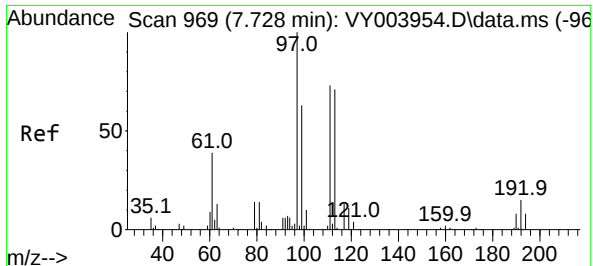
Ion Ratio Lower Upper

114 100

63 22.0 0.0 47.2

88 15.4 0.0 30.2





#35

Dibromofluoromethane

Concen: 53.64 ug/l

RT: 7.722 min Scan# 968

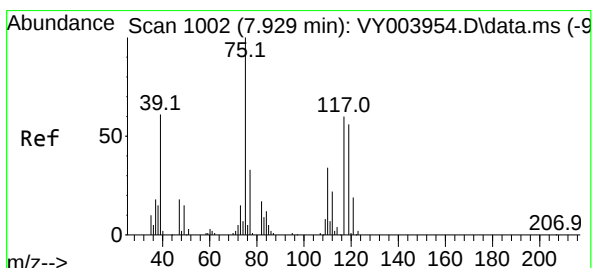
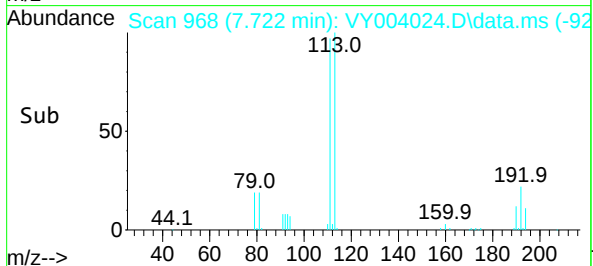
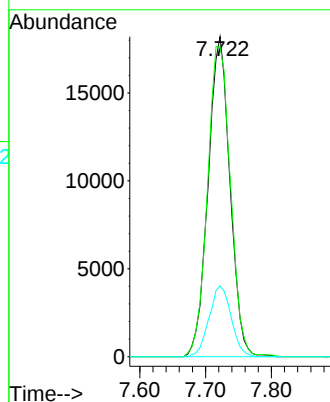
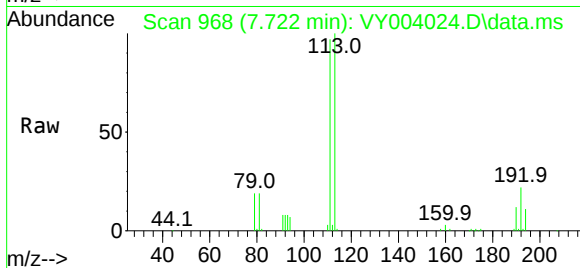
Delta R.T. -0.006 min

Lab File: VY004024.D

Acq: 12 Feb 2021 15:37

Tgt Ion:	113	Resp:	42046
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.4
192	22.3	18.3	27.5

Instrument :
MSVOA_Y
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.54 ug/l

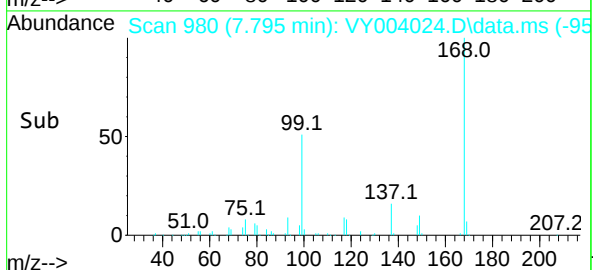
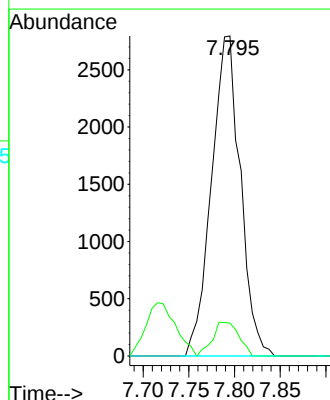
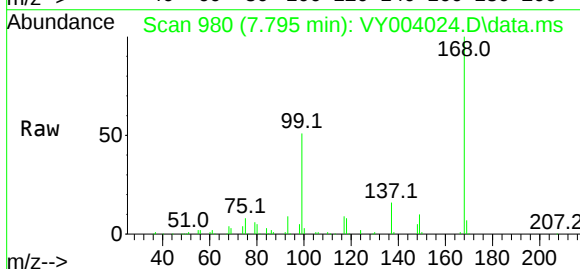
RT: 7.795 min Scan# 980

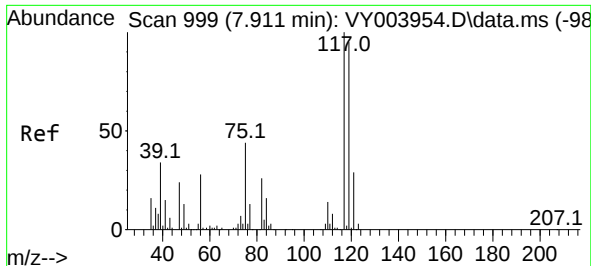
Delta R.T. -0.134 min

Lab File: VY004024.D

Acq: 12 Feb 2021 15:37

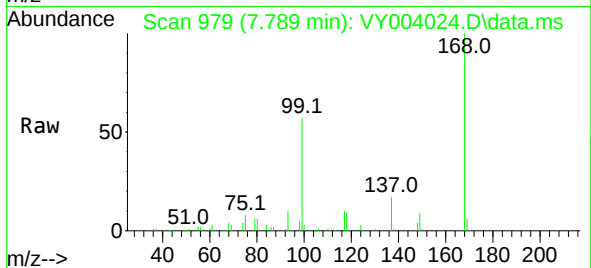
Tgt Ion:	75	Resp:	6151
Ion	Ratio	Lower	Upper
75	100		
110	9.6	17.9	53.8#
77	0.0	24.8	37.2#



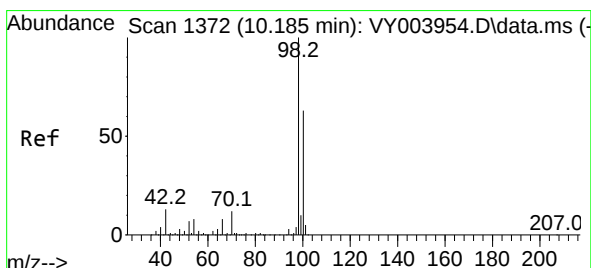
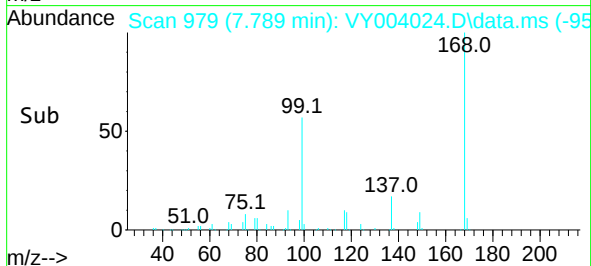
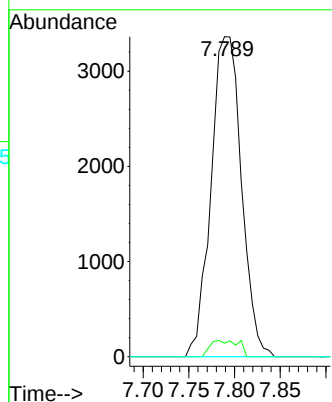


#38
Carbon Tetrachloride
Concen: 5.33 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY004024.D
Acq: 12 Feb 2021 15:37

Instrument :
MSVOA_Y
ClientSampled :

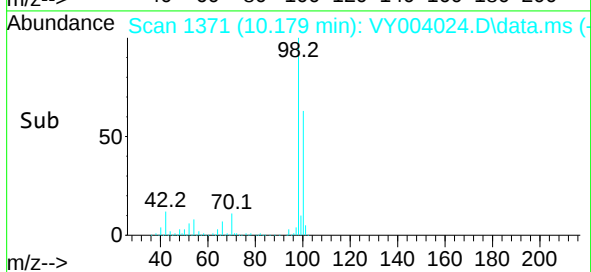
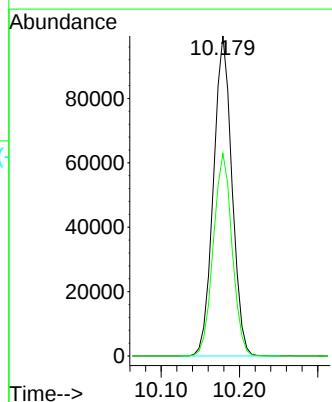
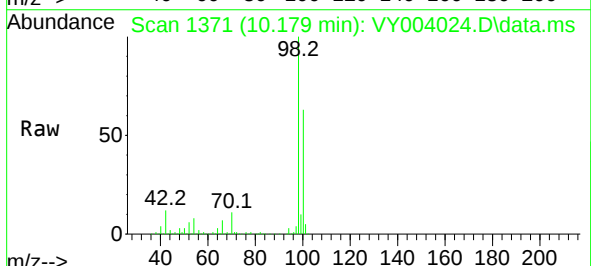


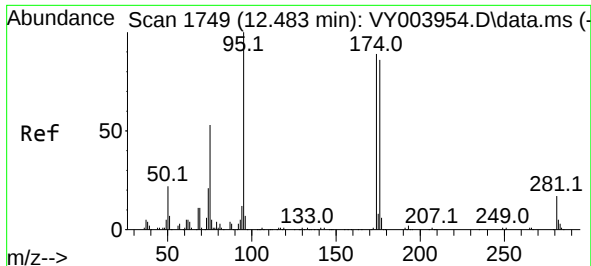
Tgt Ion:117 Resp: 7802
Ion Ratio Lower Upper
117 100
119 4.2 77.4 116.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 53.02 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004024.D
Acq: 12 Feb 2021 15:37

Tgt Ion: 98 Resp: 163093
Ion Ratio Lower Upper
98 100
100 64.0 50.5 75.7

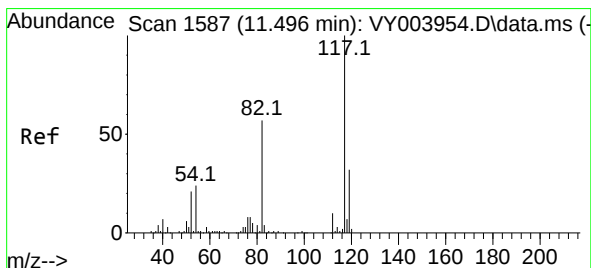
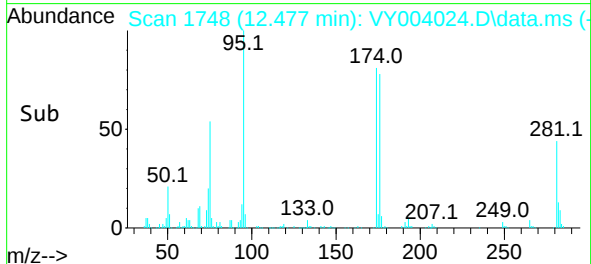
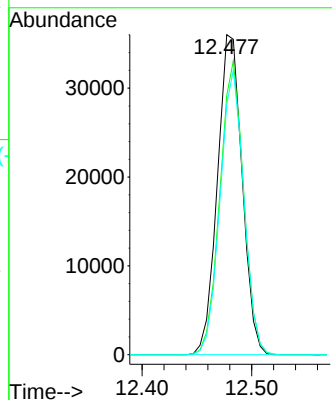
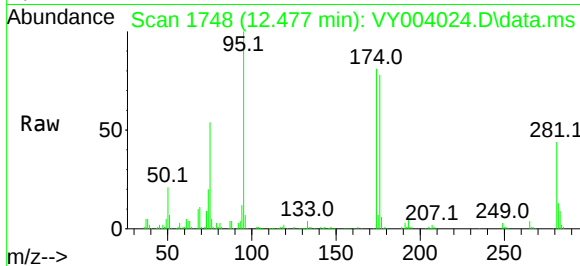




#62
4-Bromofluorobenzene
Concen: 50.28 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY004024.D
Acq: 12 Feb 2021 15:37

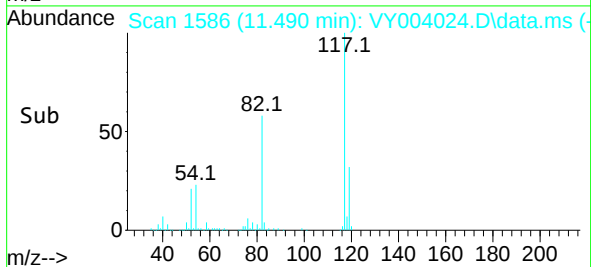
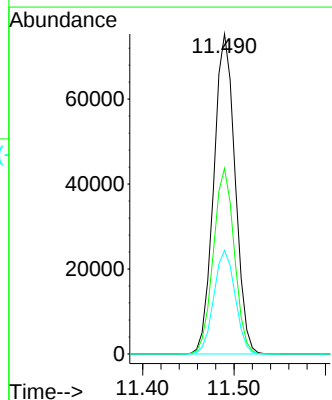
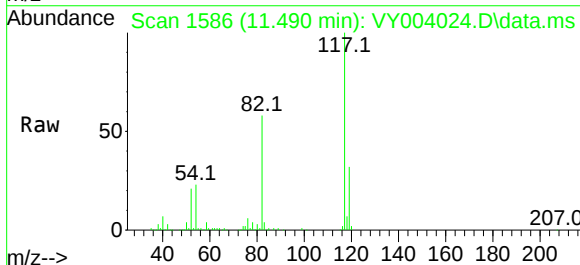
Instrument :
MSVOA_Y
ClientSampleId :

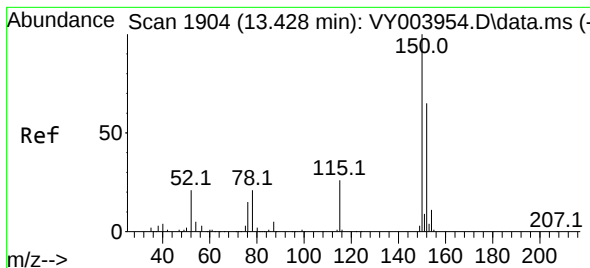
Tgt Ion:	95	Resp:	56385
Ion Ratio	Lower	Upper	
95	100		
174	88.3	0.0	184.4
176	85.4	0.0	177.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.007 min
Lab File: VY004024.D
Acq: 12 Feb 2021 15:37

Tgt Ion:	117	Resp:	121982
Ion Ratio	Lower	Upper	
117	100		
82	58.0	44.3	66.5
119	32.4	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: VY004024.D

Acq: 12 Feb 2021 15:37

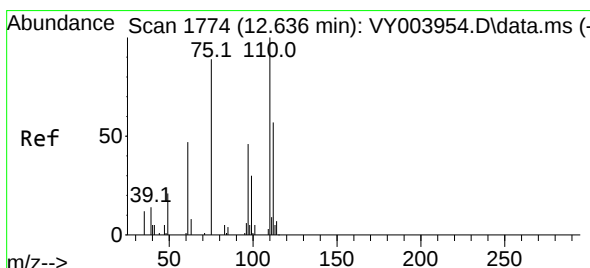
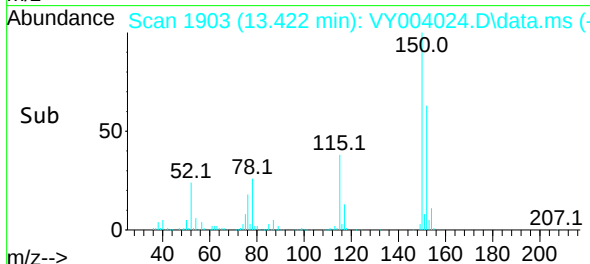
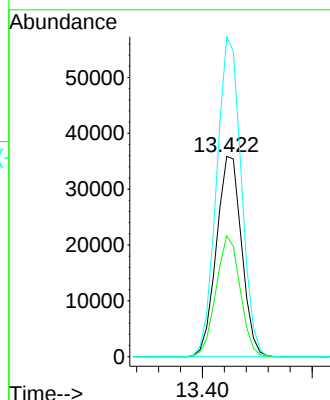
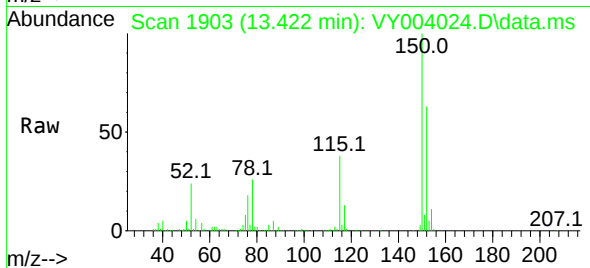
Tgt Ion:152 Resp: 57382

Ion Ratio Lower Upper

152 100

115 57.7 28.2 84.6

150 156.2 0.0 356.2



#76

1,2,3-Trichloropropane

Concen: 53.29 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY004024.D

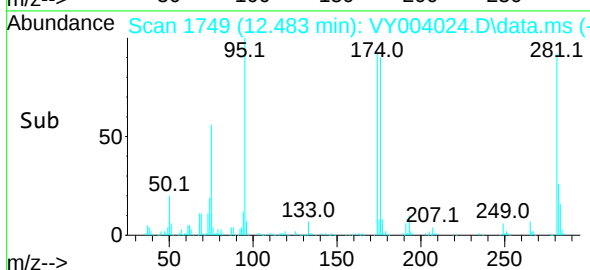
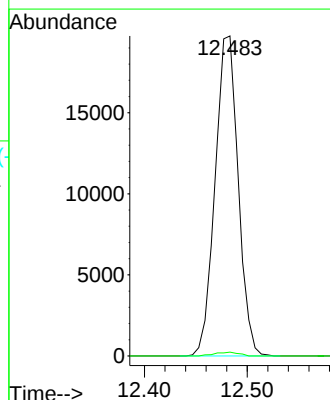
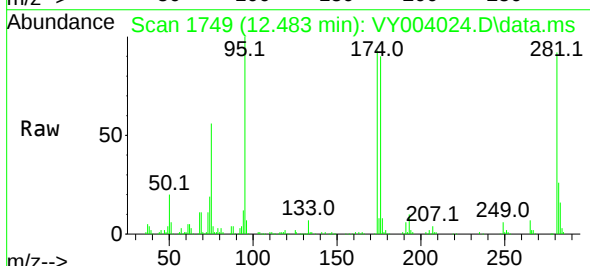
Acq: 12 Feb 2021 15:37

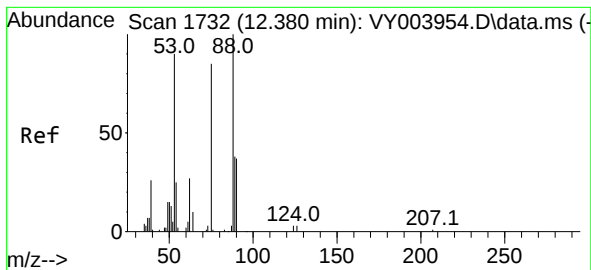
Tgt Ion: 75 Resp: 30807

Ion Ratio Lower Upper

75 100

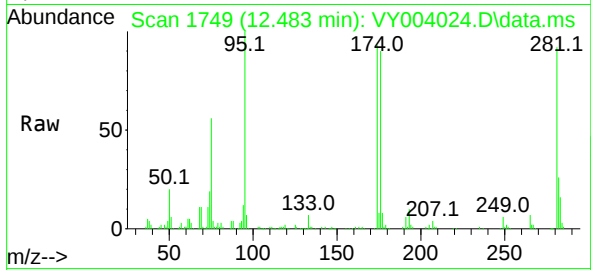
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.85 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY004024.D
 Acq: 12 Feb 2021 15:37

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 30807
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.2 117.2#
 89 0.7 34.8 52.2#

