

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102921\
 Data File : VY006538.D
 Acq On : 29 Oct 2021 14:31
 Operator : SY/MD
 Sample : M4409-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 03:00:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

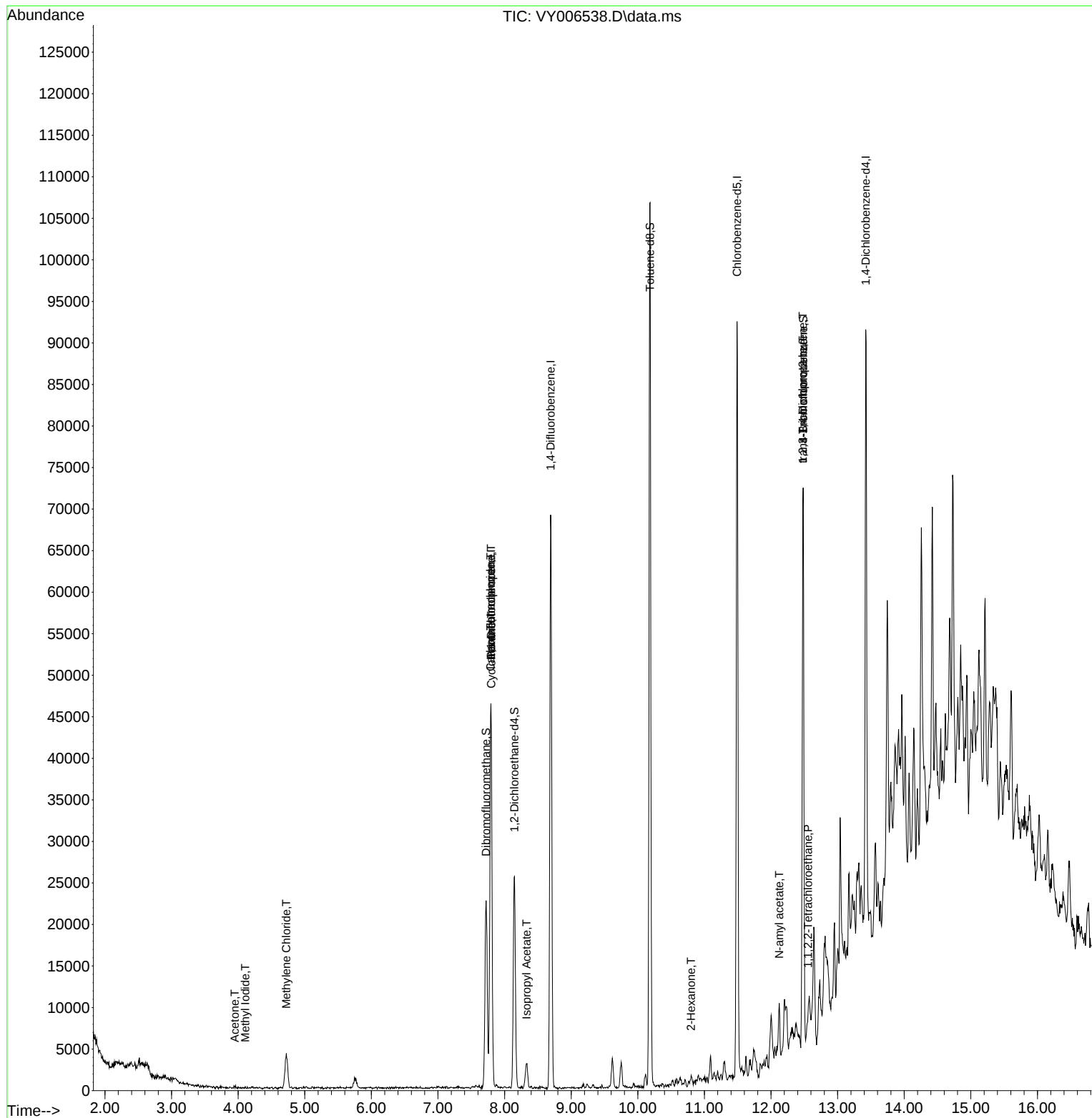
Internal Standards						
1) Pentafluorobenzene	7.795	168	34660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	53995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	46400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	17791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	20690	48.510	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.020%
35) Dibromofluoromethane	7.722	113	15869	52.729	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.460%
50) Toluene-d8	10.185	98	68927	54.027	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.060%
62) 4-Bromofluorobenzene	12.483	95	19669	45.767	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.540%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.107	142	52	5.197	ug/l #	36
16) Acetone	3.948	43	260	2.117	ug/l #	46
20) Methylene Chloride	4.722	84	2661	3.210	ug/l	88
31) Cyclohexane	7.801	56	962	1.393	ug/l #	41
36) 1,1-Dichloropropene	7.795	75	3017	5.655	ug/l #	47
38) Carbon Tetrachloride	7.789	117	3524	5.988	ug/l #	16
43) Isopropyl Acetate	8.331	43	679	1.037	ug/l #	56
59) 2-Hexanone	10.801	43	664	2.672	ug/l #	28
74) N-amyl acetate	12.123	43	1809	4.382	ug/l #	71
75) 1,1,2,2-Tetrachloroethane	12.556	83	384	1.782	ug/l #	26
76) 1,2,3-Trichloropropane	12.477	75	10786	58.833	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	10786	120.782	ug/l #	9

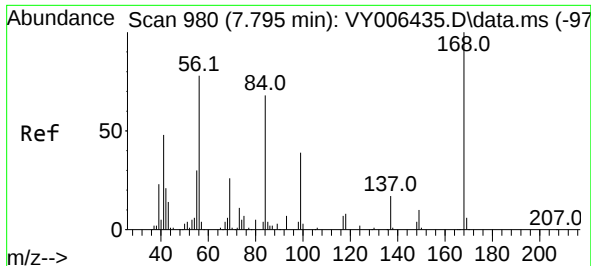
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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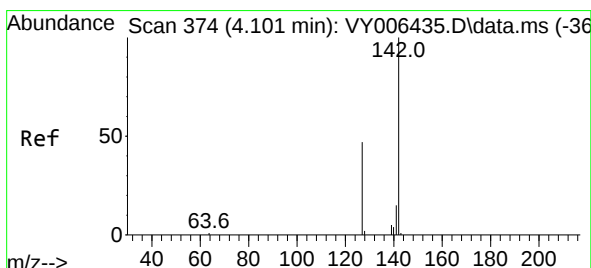
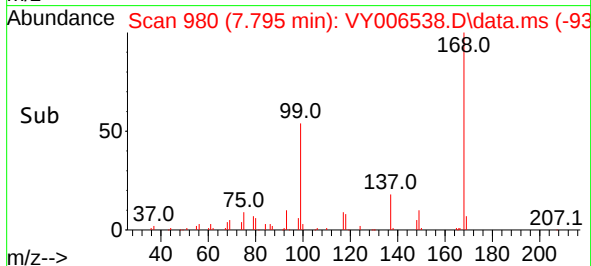
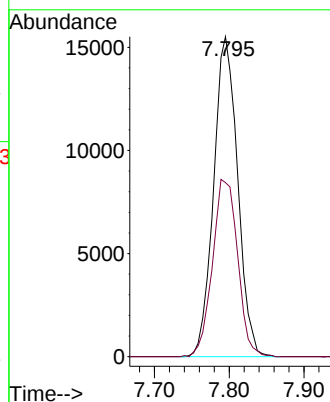
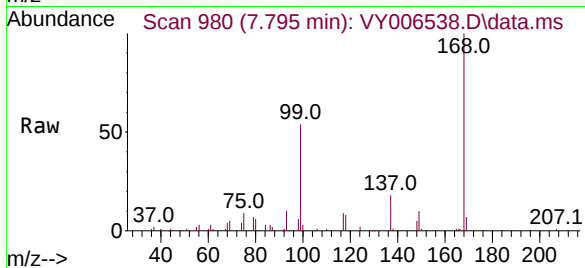




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006538.D
Acq: 29 Oct 2021 14:31

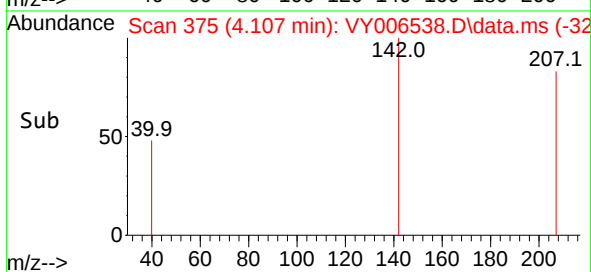
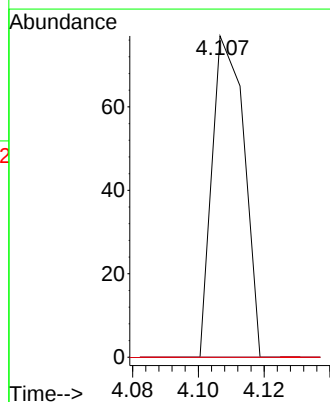
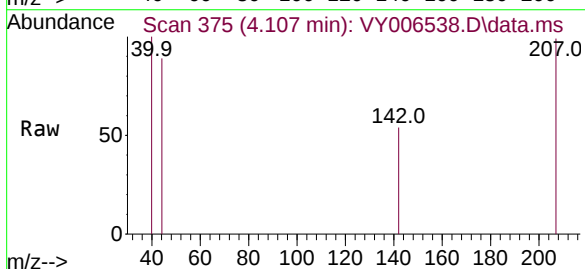
Instrument :
MSVOA_Y
ClientSampleId :

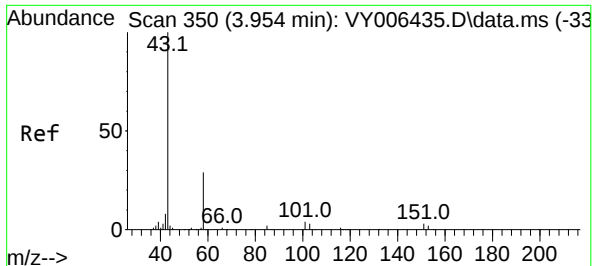
Tgt Ion:168 Resp: 34660
Ion Ratio Lower Upper
168 100
99 54.4 44.8 67.2



#10
Methyl Iodide
Concen: 5.197 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY006538.D
Acq: 29 Oct 2021 14:31

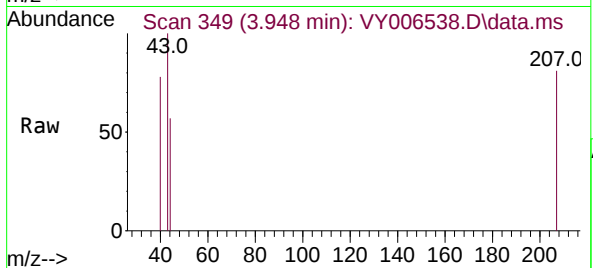
Tgt Ion:142 Resp: 52
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#



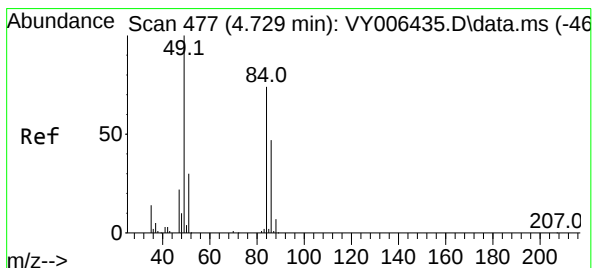
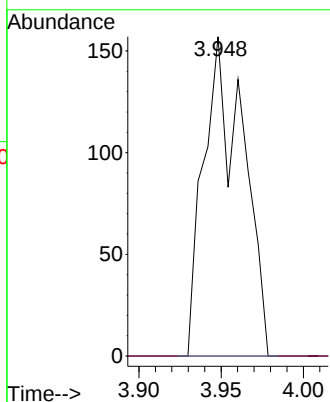
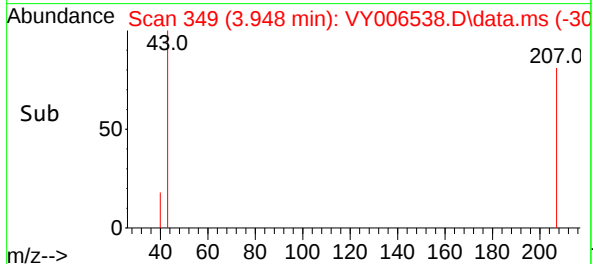


#16
Acetone
Concen: 2.117 ug/l
RT: 3.948 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY006538.D
Acq: 29 Oct 2021 14:31

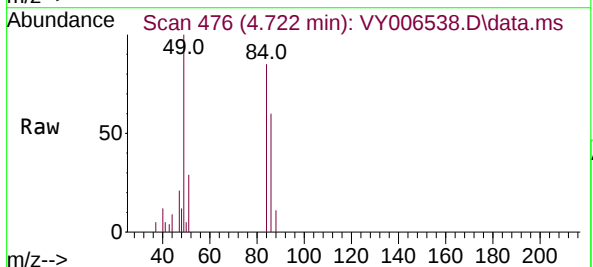
Instrument :
MSVOA_Y
ClientSampleId :



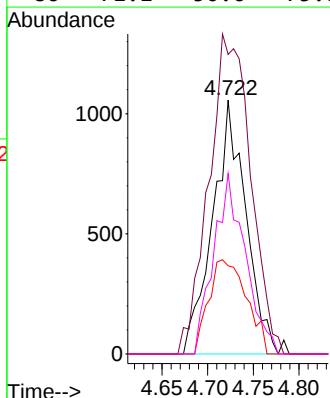
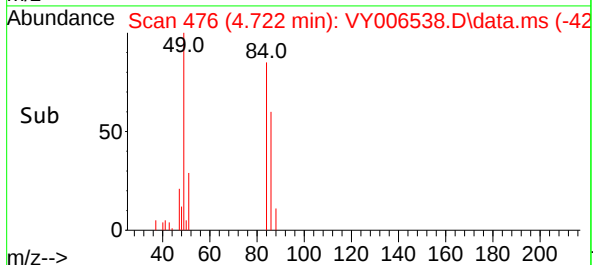
Tgt Ion: 43 Resp: 260
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#

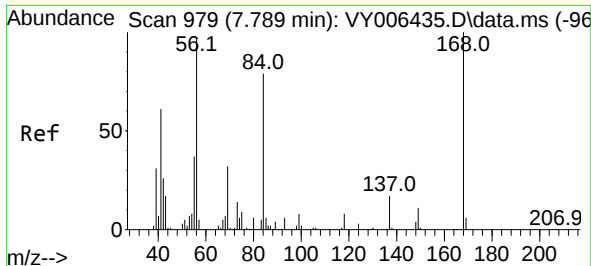


#20
Methylene Chloride
Concen: 3.210 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY006538.D
Acq: 29 Oct 2021 14:31



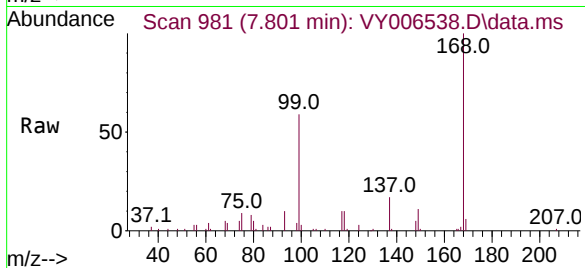
Tgt Ion: 84 Resp: 2661
Ion Ratio Lower Upper
84 100
49 118.1 107.8 161.8
51 34.8 32.8 49.2
86 71.1 50.6 75.8



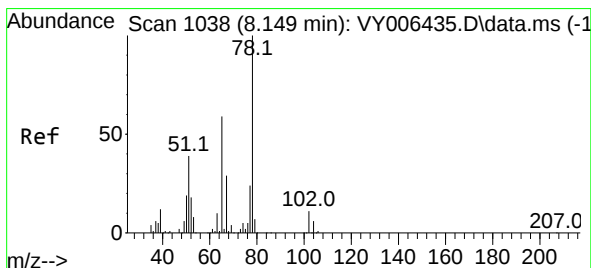
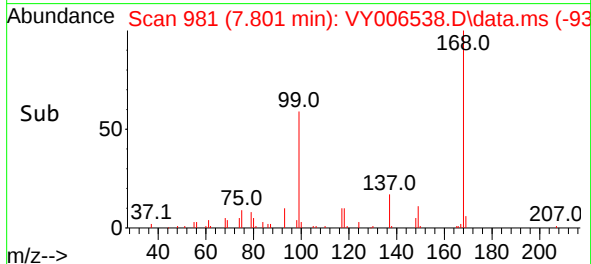
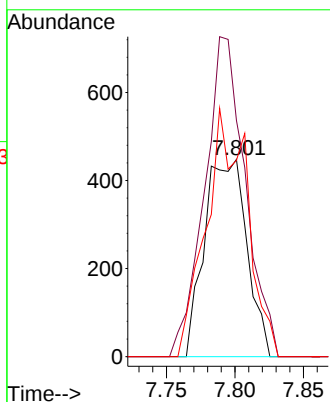


#31
Cyclohexane
Concen: 1.393 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY006538.D
Acq: 29 Oct 2021 14:31

Instrument :
MSVOA_Y
ClientSampleId :

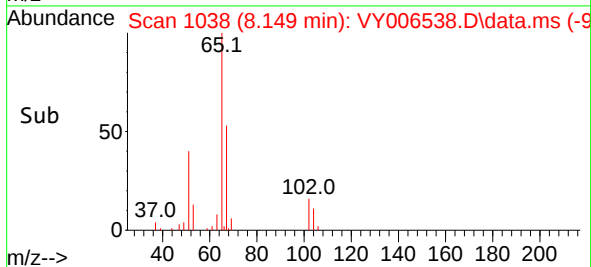
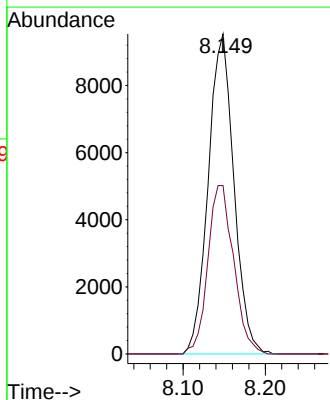
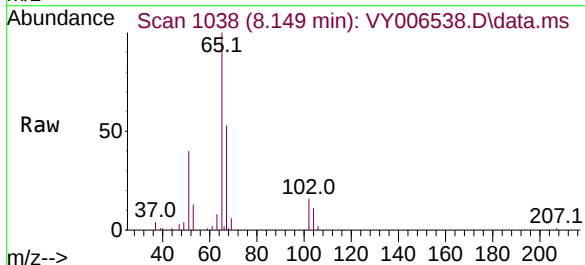


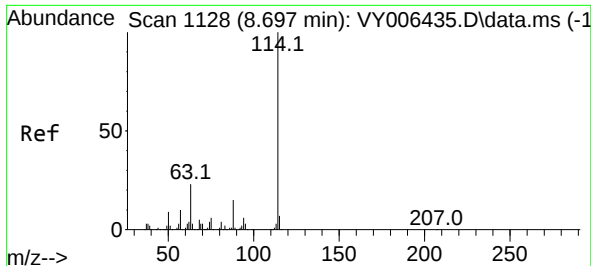
Tgt Ion: 56 Resp: 962
Ion Ratio Lower Upper
56 100
69 119.9 26.6 40.0#
84 99.6 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 48.510 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006538.D
Acq: 29 Oct 2021 14:31

Tgt Ion: 65 Resp: 20690
Ion Ratio Lower Upper
65 100
67 53.1 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY006538.D

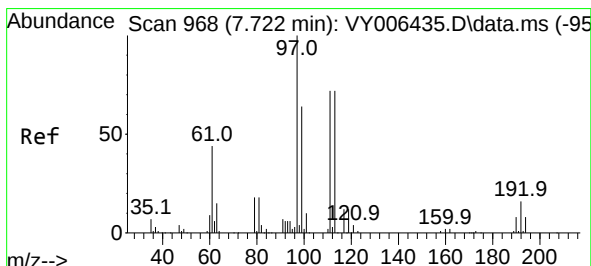
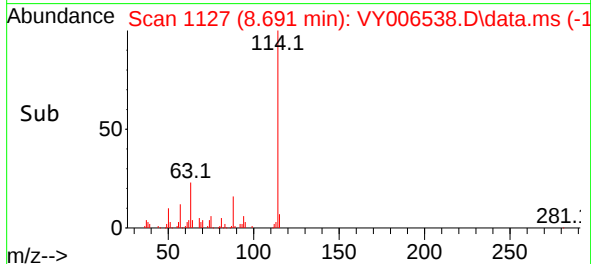
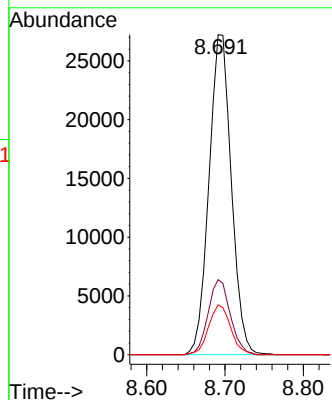
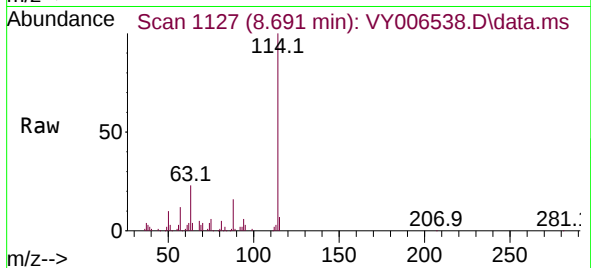
Acq: 29 Oct 2021 14:31

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	114	Resp:	53995
Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	45.0
88	15.6	0.0	30.6



#35

Dibromofluoromethane

Concen: 52.729 ug/l

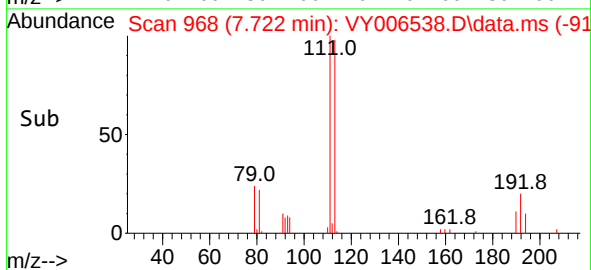
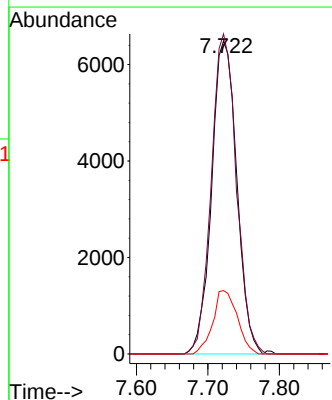
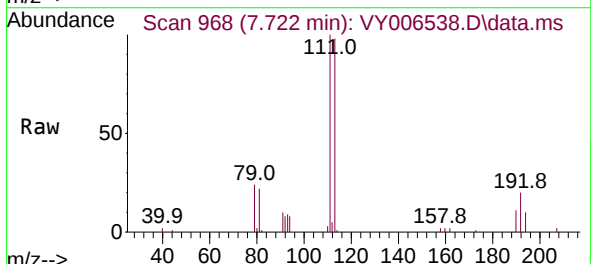
RT: 7.722 min Scan# 968

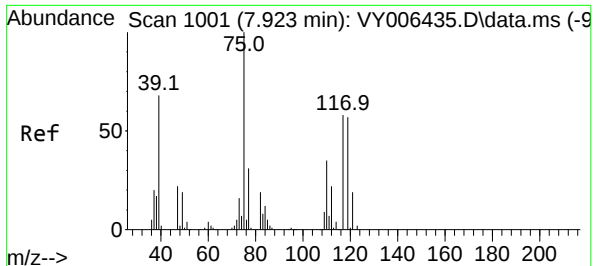
Delta R.T. -0.000 min

Lab File: VY006538.D

Acq: 29 Oct 2021 14:31

Tgt Ion:	113	Resp:	15869
Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.3	123.5
192	19.7	17.4	26.2





#36

1,1-Dichloropropene

Concen: 5.655 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY006538.D

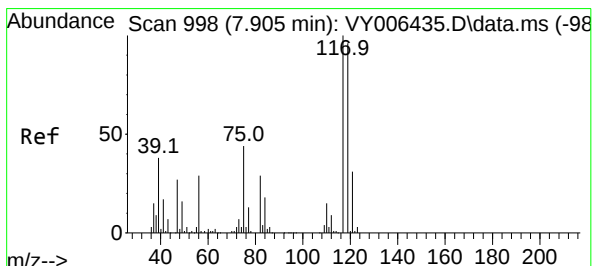
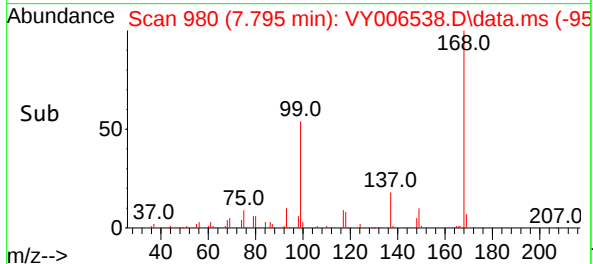
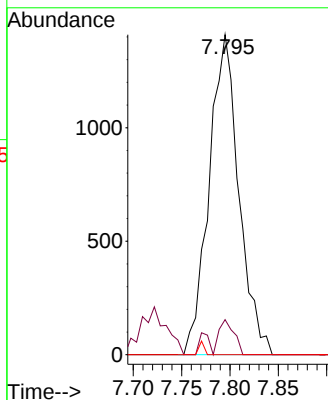
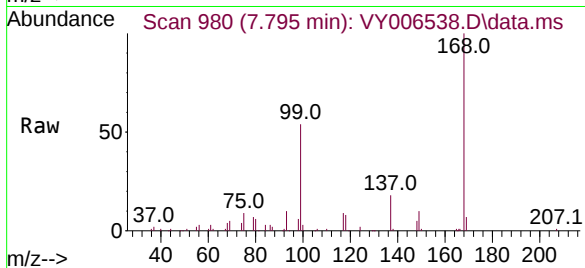
Acq: 29 Oct 2021 14:31

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp:	3017
Ion Ratio	Lower	Upper
75	100	
110	5.6	17.1 51.3#
77	0.0	24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.988 ug/l

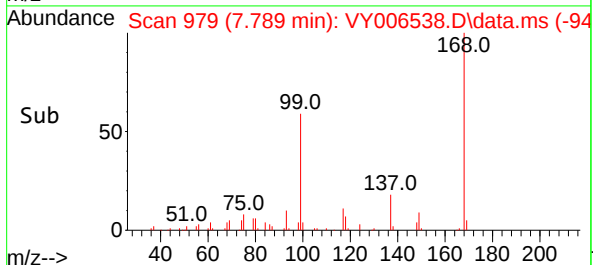
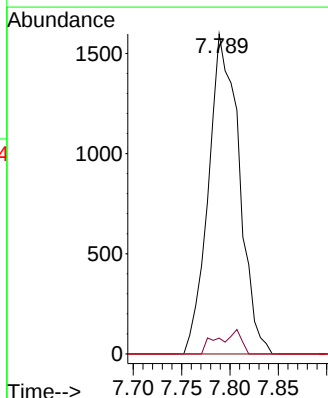
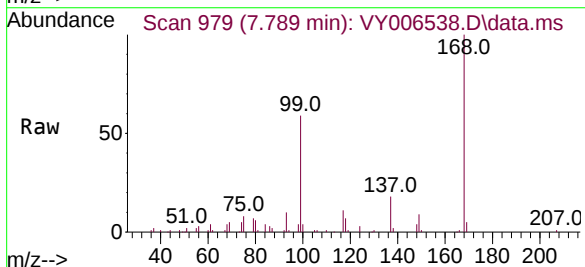
RT: 7.789 min Scan# 979

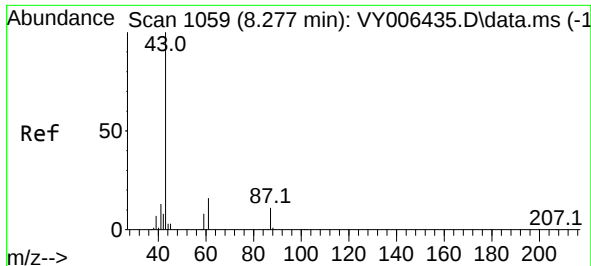
Delta R.T. -0.116 min

Lab File: VY006538.D

Acq: 29 Oct 2021 14:31

Tgt Ion: 117	Resp:	3524
Ion Ratio	Lower	Upper
117	100	
119	4.9	76.6 115.0#
121	0.0	24.7 37.1#

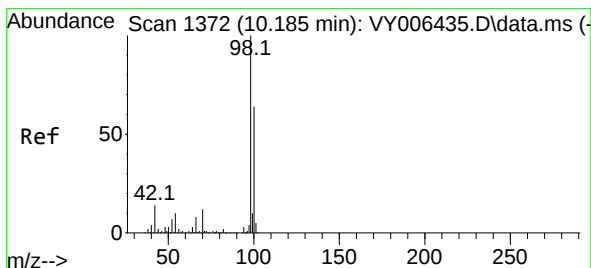
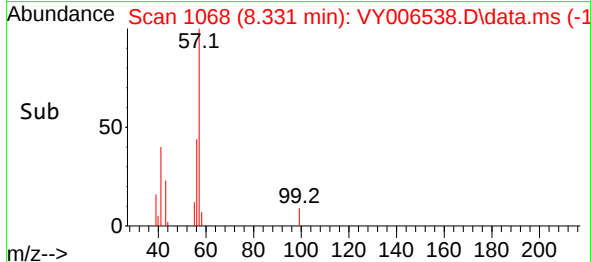
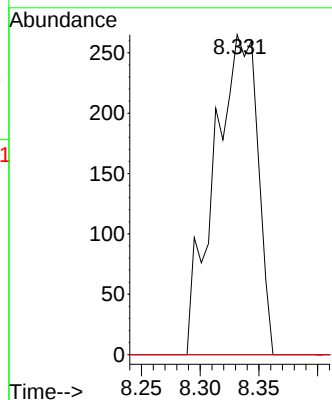
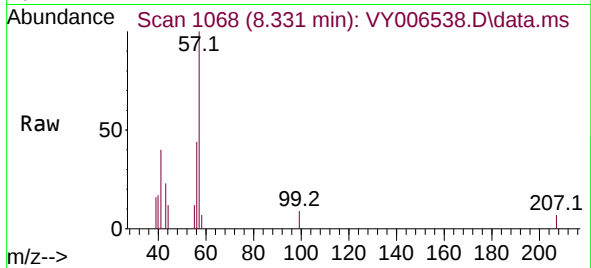




#43
Isopropyl Acetate
Concen: 1.037 ug/l
RT: 8.331 min Scan# 1068
Delta R.T. 0.055 min
Lab File: VY006538.D
Acq: 29 Oct 2021 14:31

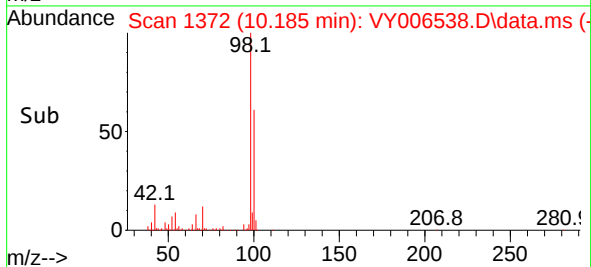
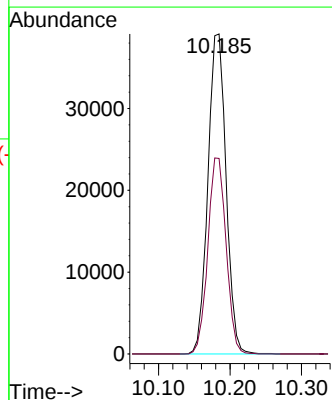
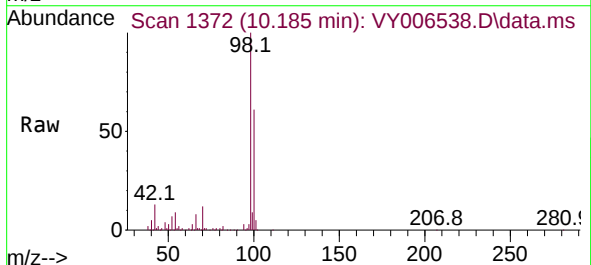
Instrument :
MSVOA_Y
ClientSampleId :

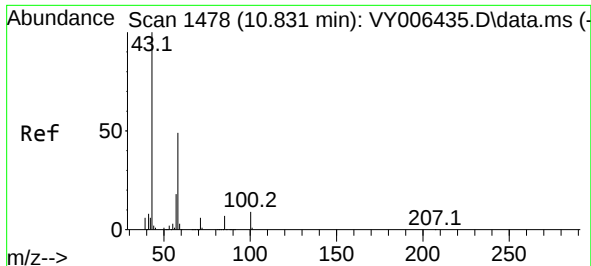
Tgt Ion: 43 Resp: 679
Ion Ratio Lower Upper
43 100
61 0.0 20.5 30.7#
87 0.0 9.0 13.6#



#50
Toluene-d8
Concen: 54.027 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006538.D
Acq: 29 Oct 2021 14:31

Tgt Ion: 98 Resp: 68927
Ion Ratio Lower Upper
98 100
100 61.7 50.9 76.3

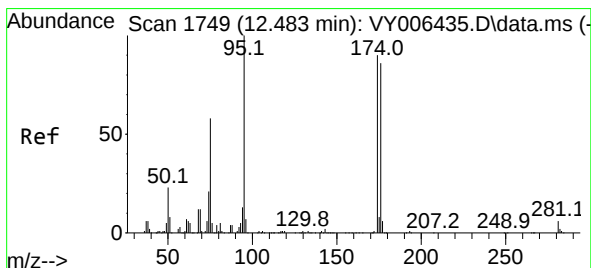
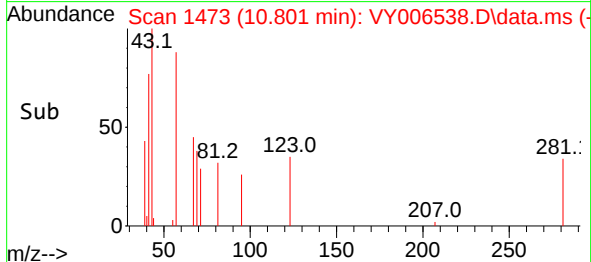
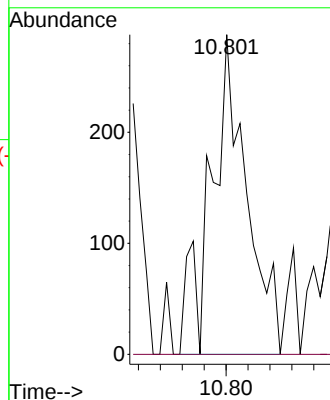
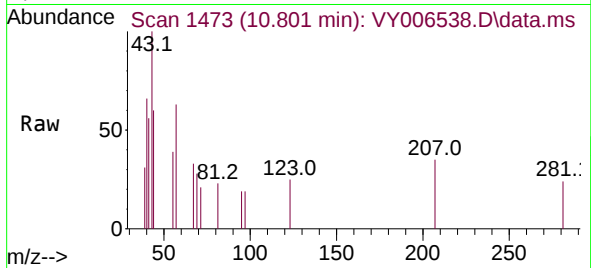




#59
2-Hexanone
Concen: 2.672 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.031 min
Lab File: VY006538.D
Acq: 29 Oct 2021 14:31

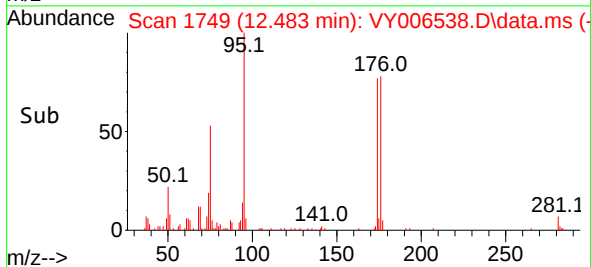
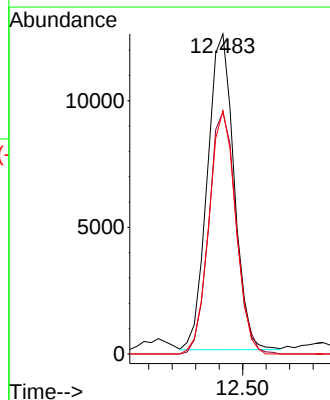
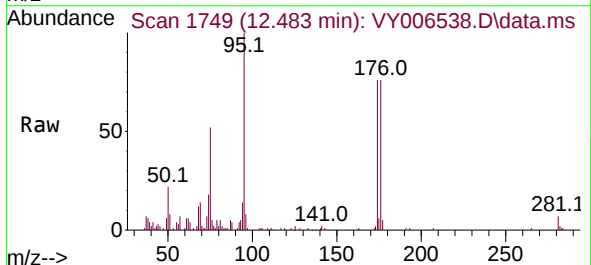
Instrument :
MSVOA_Y
ClientSampleId :

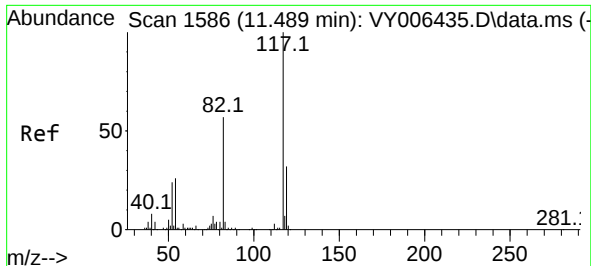
Tgt Ion: 43 Resp: 664
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 45.767 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006538.D
Acq: 29 Oct 2021 14:31

Tgt Ion: 95 Resp: 19669
Ion Ratio Lower Upper
95 100
174 78.2 0.0 177.0
176 77.2 0.0 169.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

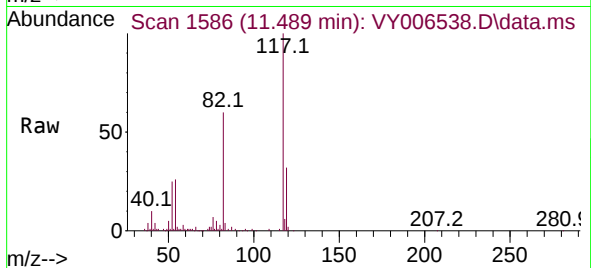
Lab File: VY006538.D

Acq: 29 Oct 2021 14:31

Instrument :

MSVOA_Y

ClientSampleId :



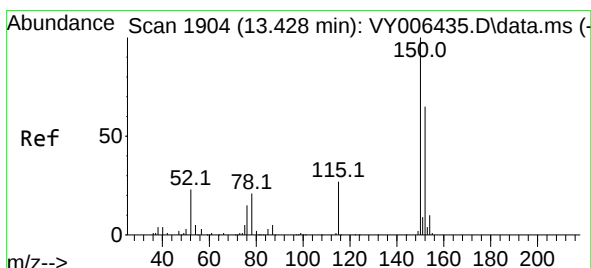
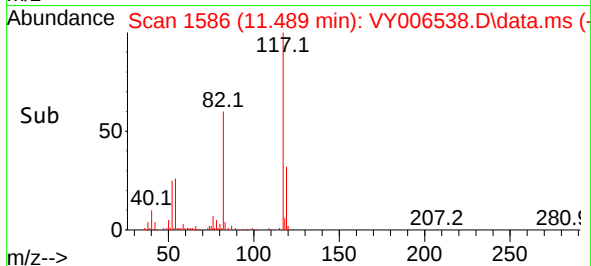
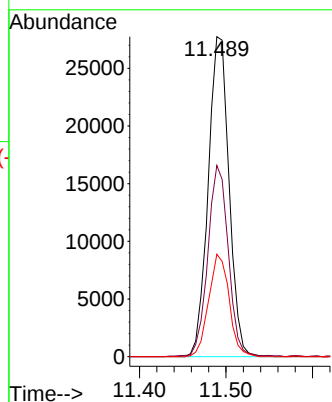
Tgt Ion:117 Resp: 46400

Ion Ratio Lower Upper

117 100

82 59.5 45.7 68.5

119 32.0 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY006538.D

Acq: 29 Oct 2021 14:31

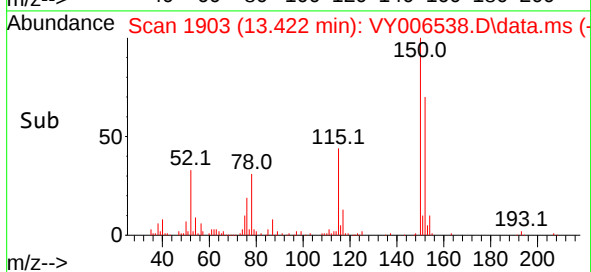
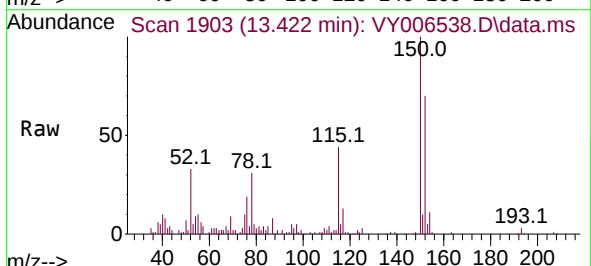
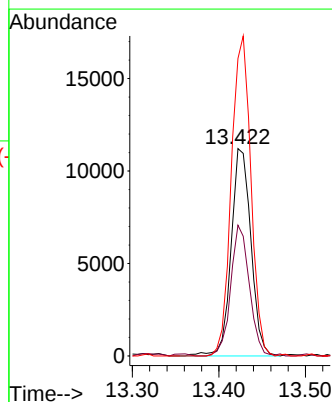
Tgt Ion:152 Resp: 17791

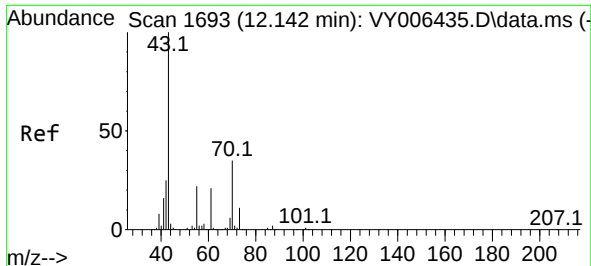
Ion Ratio Lower Upper

152 100

115 59.7 28.5 85.5

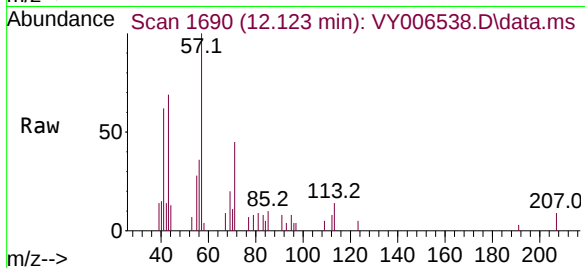
150 151.9 0.0 348.2



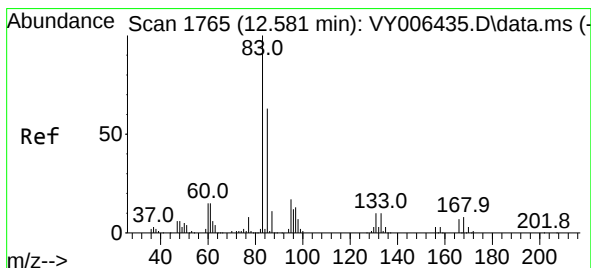
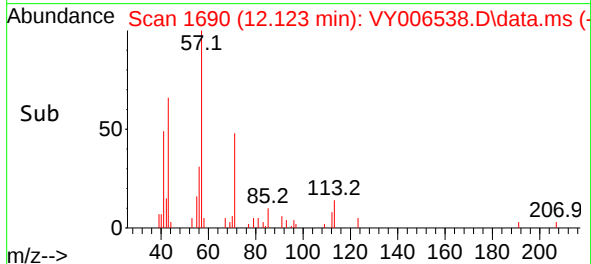
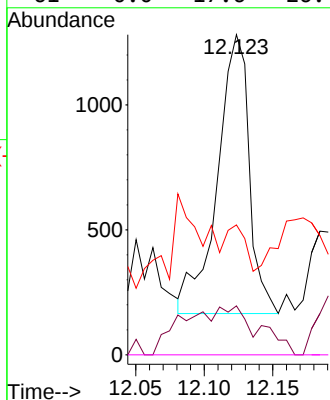


#74
N-amy1 acetate
Concen: 4.382 ug/l
RT: 12.123 min Scan# 1
Delta R.T. -0.018 min
Lab File: VY006538.D
Acq: 29 Oct 2021 14:31

Instrument :
MSVOA_Y
ClientSampleId :

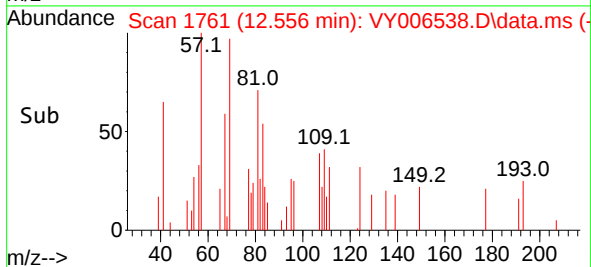
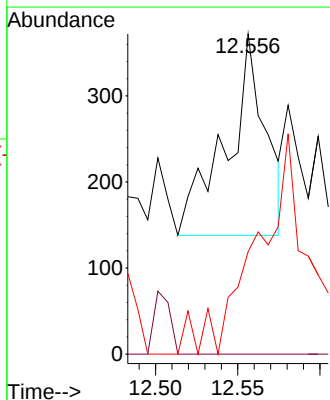
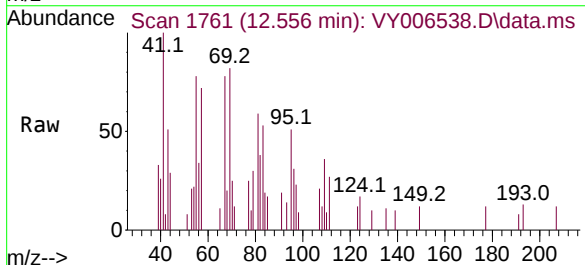


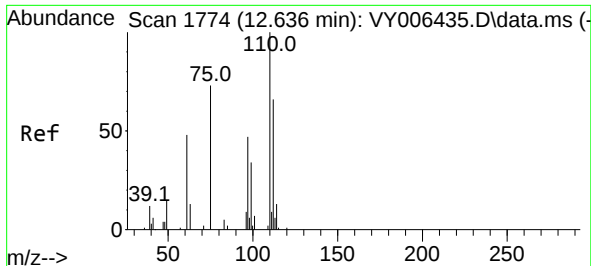
Tgt Ion: 43 Resp: 1809
Ion Ratio Lower Upper
43 100
70 41.4 29.4 44.0
55 0.0 18.1 27.1#
61 0.0 17.6 26.4#



#75
1,1,2,2-Tetrachloroethane
Concen: 1.782 ug/l
RT: 12.556 min Scan# 1761
Delta R.T. -0.024 min
Lab File: VY006538.D
Acq: 29 Oct 2021 14:31

Tgt Ion: 83 Resp: 384
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.4#
85 0.0 31.9 95.9#

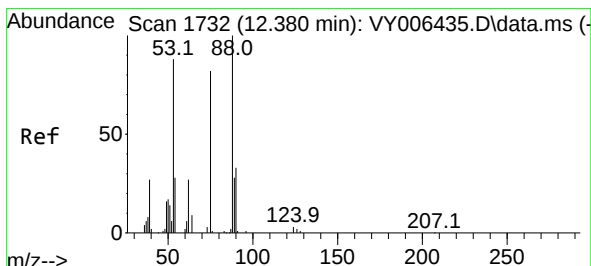
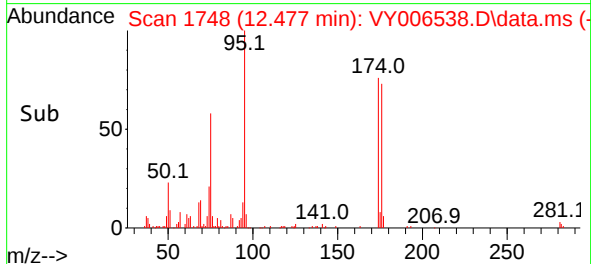
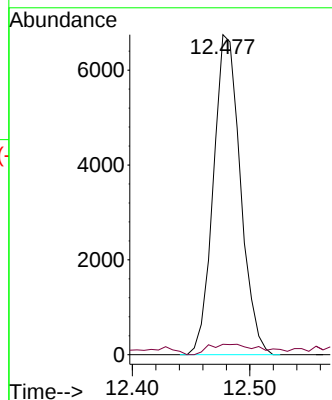
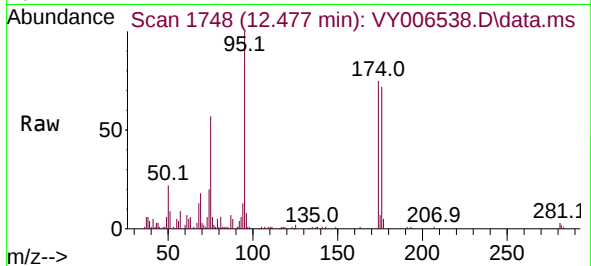




#76
1,2,3-Trichloropropane
Concen: 58.833 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY006538.D
Acq: 29 Oct 2021 14:31

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 10786
Ion Ratio Lower Upper
75 100
77 6.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 120.782 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY006538.D
Acq: 29 Oct 2021 14:31

Tgt Ion: 75 Resp: 10786
Ion Ratio Lower Upper
75 100
53 2.9 85.8 128.6#
89 0.0 39.3 58.9#

