

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110221\
 Data File : VY006586.D
 Acq On : 02 Nov 2021 18:59
 Operator : SY/MD
 Sample : M4439-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 03 01:51:52 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)

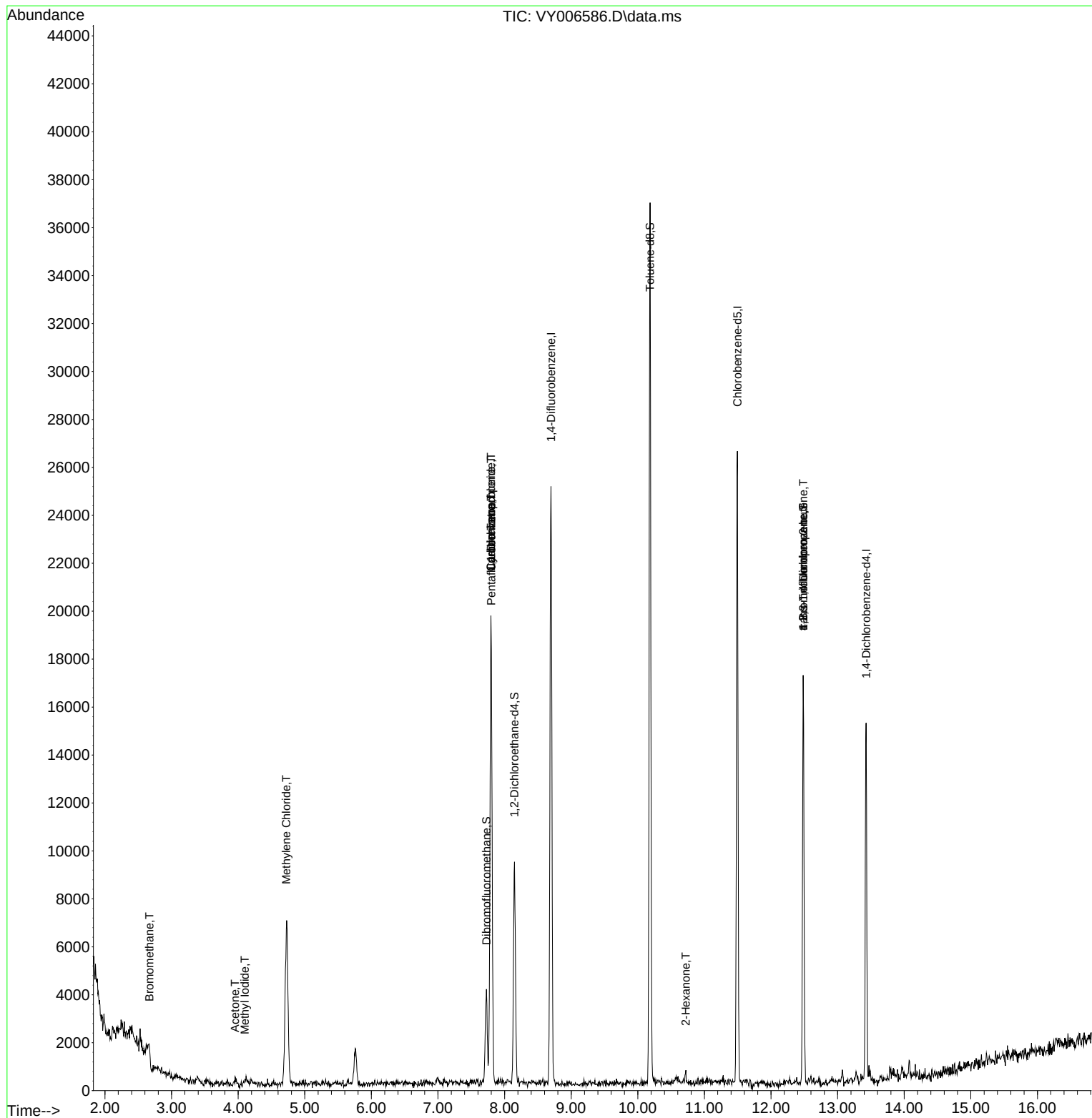
Internal Standards						
1) Pentafluorobenzene	7.801	168	14257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	19830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	13176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4283	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	6699	38.184	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	76.360%
35) Dibromofluoromethane	7.728	113	2421	21.904	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	43.800%#
50) Toluene-d8	10.185	98	23447	50.043	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.080%
62) 4-Bromofluorobenzene	12.483	95	4665	29.557	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	59.120%
Target Compounds						
					Qvalue	
5) Bromomethane	2.668	94	154	1.164	ug/l	97
10) Methyl Iodide	4.100	142	207	6.385	ug/l #	50
16) Acetone	3.954	43	435	8.611	ug/l #	46
20) Methylene Chloride	4.722	84	4545	27.140	ug/l	95
31) Cyclohexane	7.795	56	393	1.384	ug/l #	26
36) 1,1-Dichloropropene	7.795	75	1312	6.696	ug/l #	42
38) Carbon Tetrachloride	7.795	117	1392	6.440	ug/l #	23
59) 2-Hexanone	10.721	43	219	2.400	ug/l #	28
76) 1,2,3-Trichloropropane	12.483	75	2523	57.165	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2523	117.358	ug/l #	7

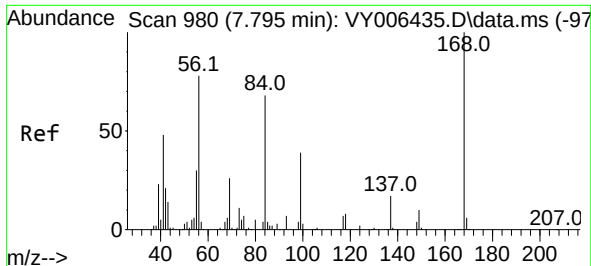
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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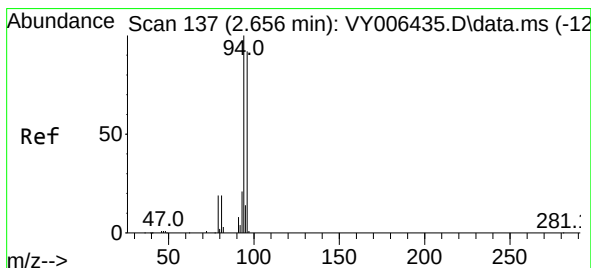
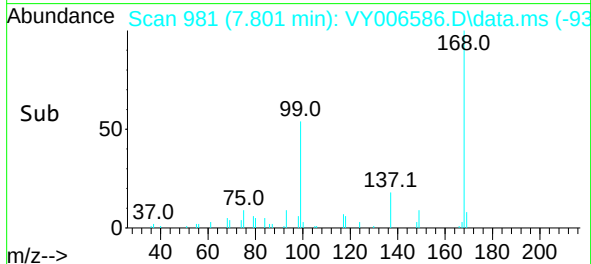
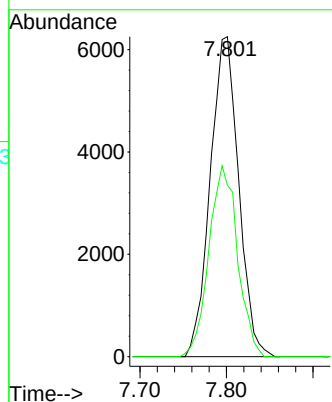
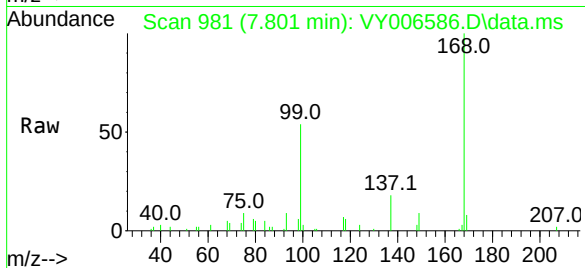




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006586.D
Acq: 02 Nov 2021 18:59

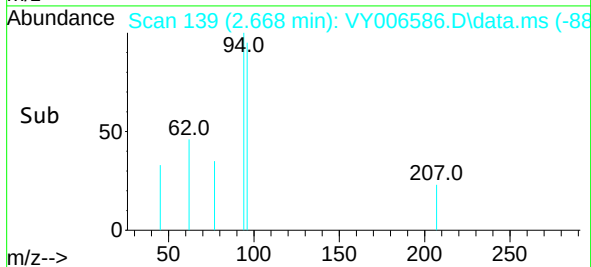
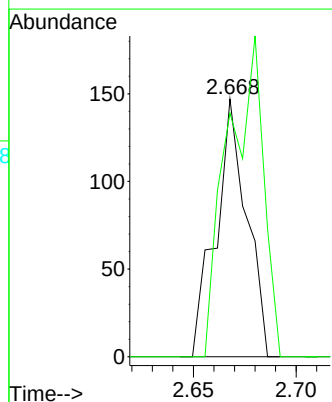
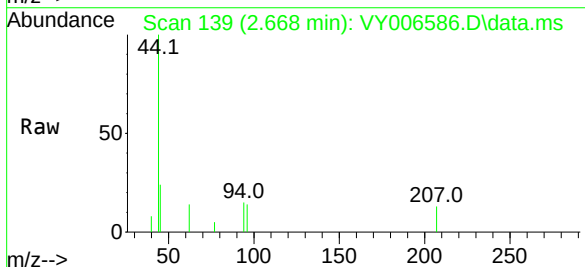
Instrument :
MSVOA_N
ClientSampleId :

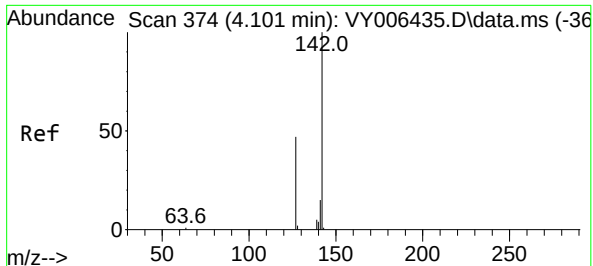
Tgt Ion:168 Resp: 14257
Ion Ratio Lower Upper
168 100
99 53.6 44.8 67.2



#5
Bromomethane
Concen: 1.164 ug/l
RT: 2.668 min Scan# 139
Delta R.T. 0.012 min
Lab File: VY006586.D
Acq: 02 Nov 2021 18:59

Tgt Ion: 94 Resp: 154
Ion Ratio Lower Upper
94 100
96 94.6 73.5 110.3





#10

Methyl Iodide

Concen: 6.385 ug/l

RT: 4.100 min Scan# 31

Delta R.T. -0.001 min

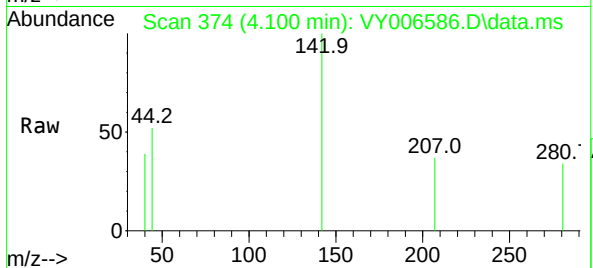
Lab File: VY006586.D

Acq: 02 Nov 2021 18:59

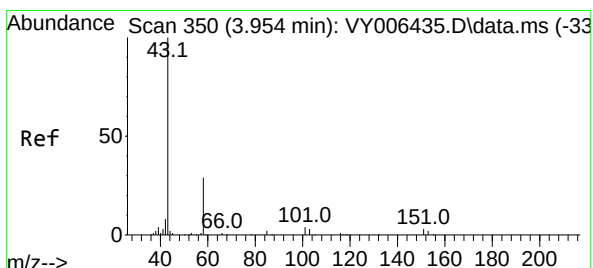
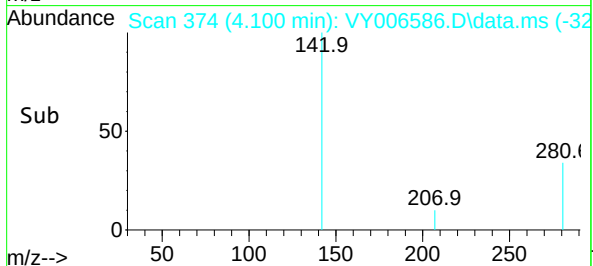
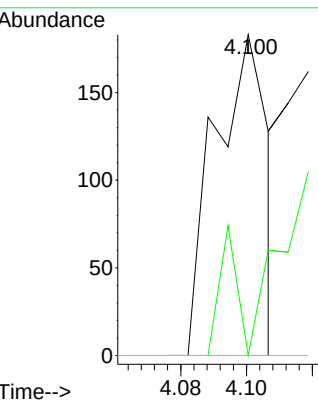
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	142	Resp:	207
Ion	Ratio	Lower	Upper
142	100		
127	13.0	40.1	60.1#
141	0.0	12.5	18.7#



#16

Acetone

Concen: 8.611 ug/l

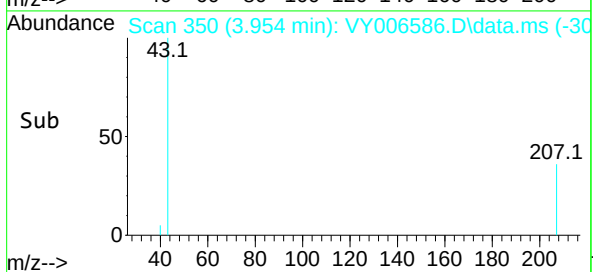
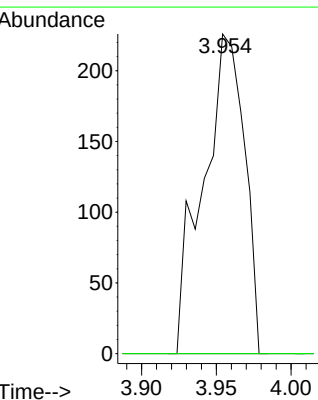
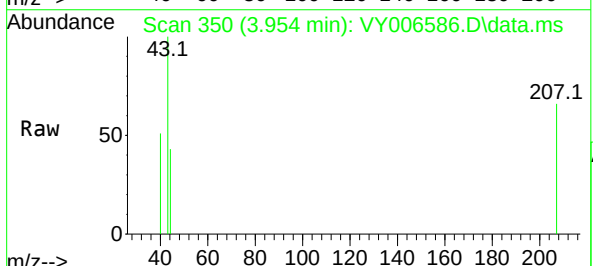
RT: 3.954 min Scan# 350

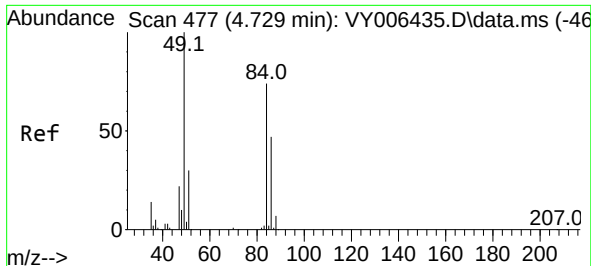
Delta R.T. -0.000 min

Lab File: VY006586.D

Acq: 02 Nov 2021 18:59

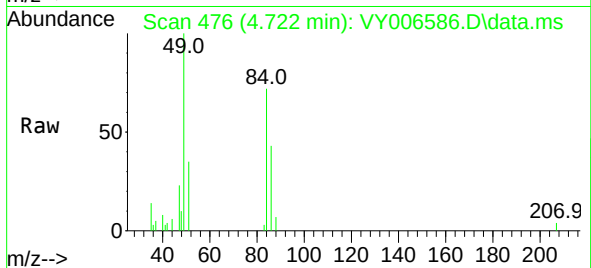
Tgt Ion:	43	Resp:	435
Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.9	34.3#



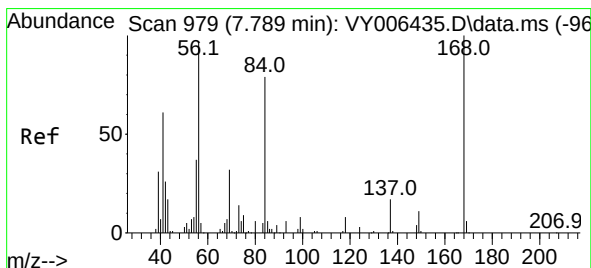
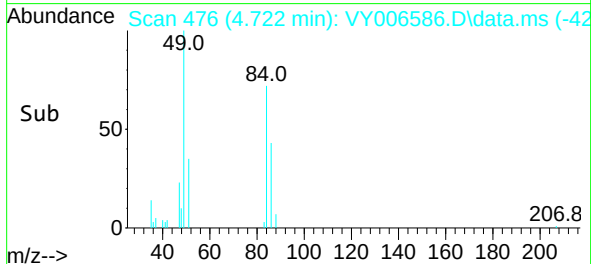
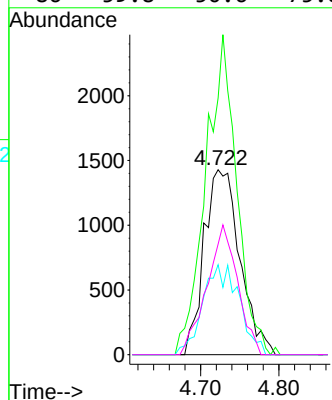


#20
Methylene Chloride
Concen: 27.140 ug/l
RT: 4.722 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY006586.D
Acq: 02 Nov 2021 18:59

Instrument :
MSVOA_N
ClientSampleId :

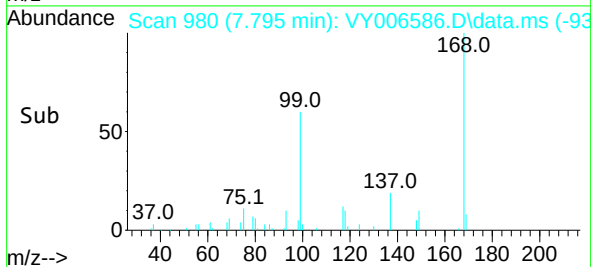
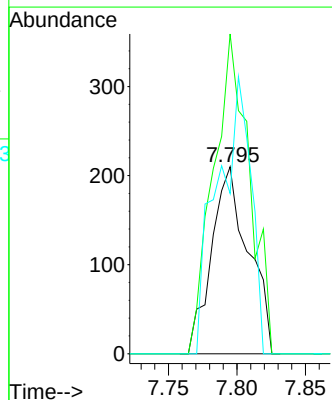
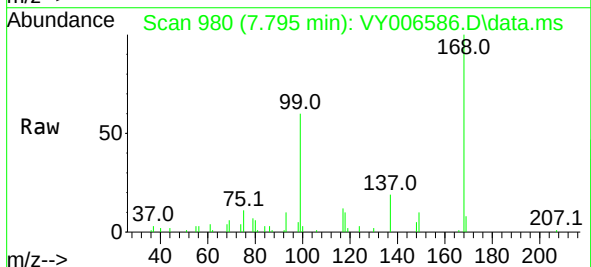


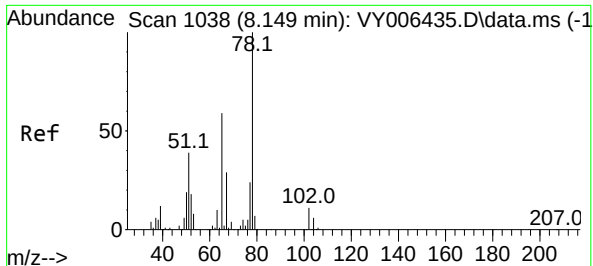
Tgt Ion: 84	Resp: 4545
Ion Ratio	Lower Upper
84 100	
49 138.8	107.8 161.8
51 48.6	32.8 49.2
86 59.8	50.6 75.8



#31
Cyclohexane
Concen: 1.384 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006586.D
Acq: 02 Nov 2021 18:59

Tgt Ion: 56	Resp: 393		
Ion Ratio	Lower	Upper	
56 100			
69 171.0	26.6	40.0#	
84 85.7	65.0	97.4	





#33

1,2-Dichloroethane-d4

Concen: 38.184 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

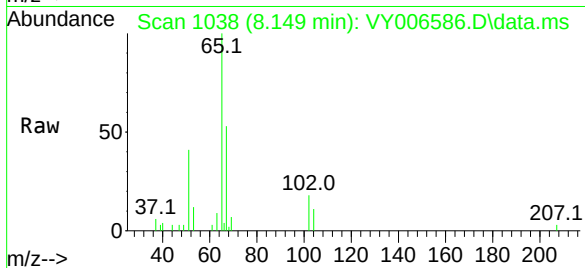
Lab File: VY006586.D

Acq: 02 Nov 2021 18:59

Instrument :

MSVOA_N

ClientSampleId :

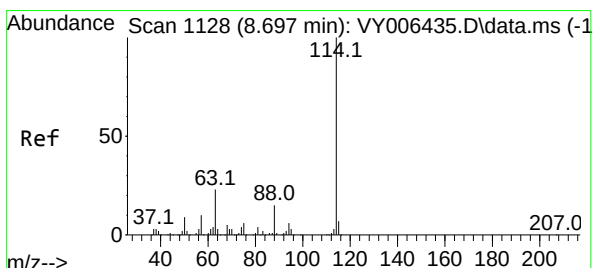
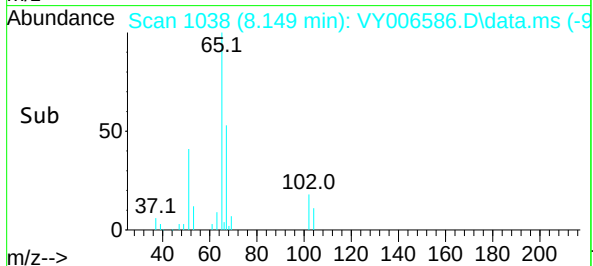
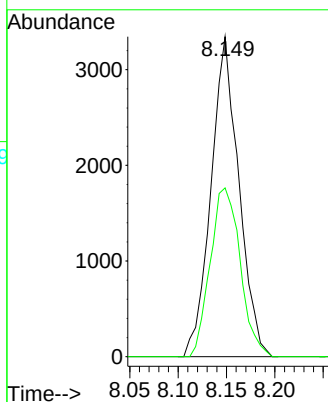


Tgt Ion: 65 Resp: 6699

Ion Ratio Lower Upper

65 100

67 56.7 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY006586.D

Acq: 02 Nov 2021 18:59

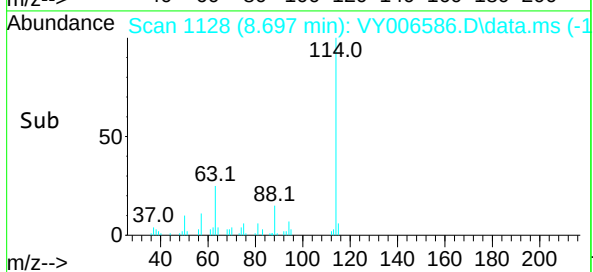
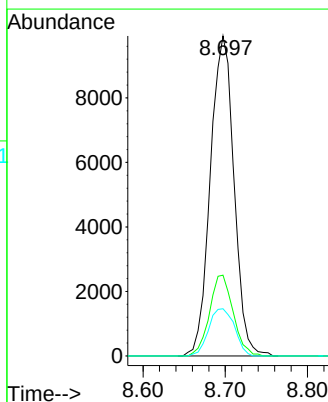
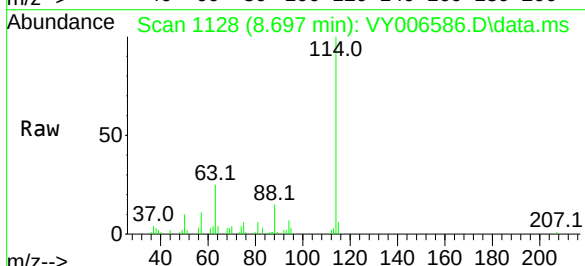
Tgt Ion: 114 Resp: 19830

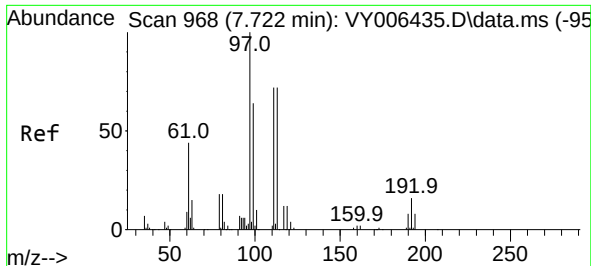
Ion Ratio Lower Upper

114 100

63 25.2 0.0 45.0

88 14.7 0.0 30.6

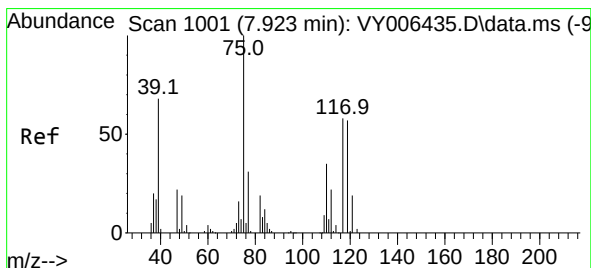
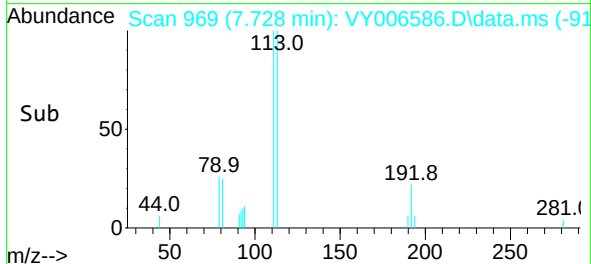
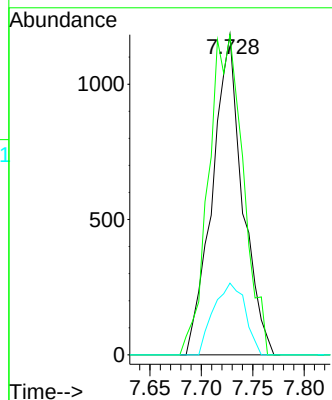
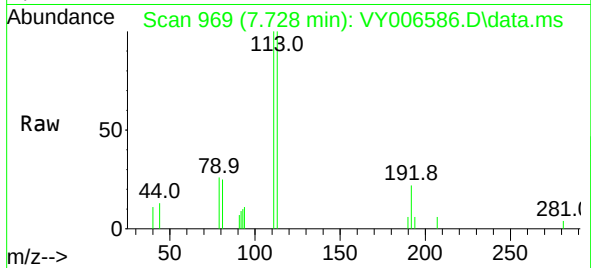




#35
Dibromofluoromethane
Concen: 21.904 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006586.D
Acq: 02 Nov 2021 18:59

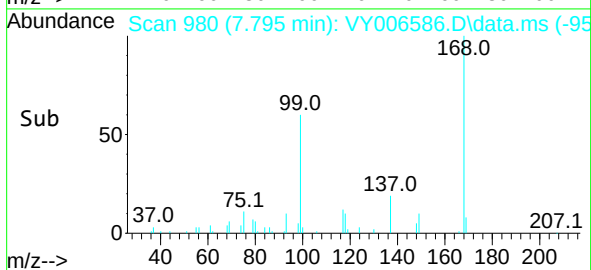
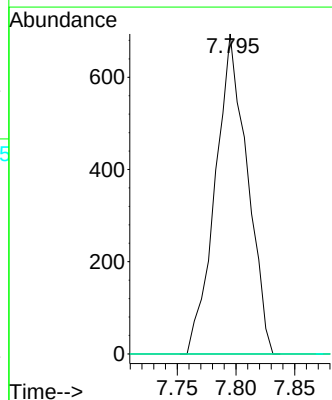
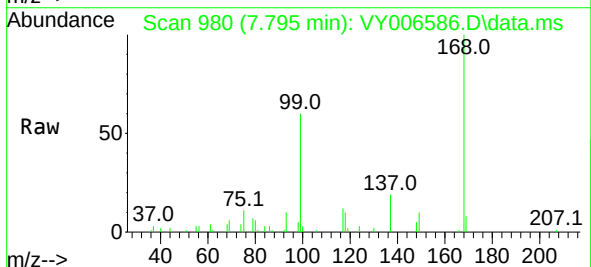
Instrument :
MSVOA_N
ClientSampleId :

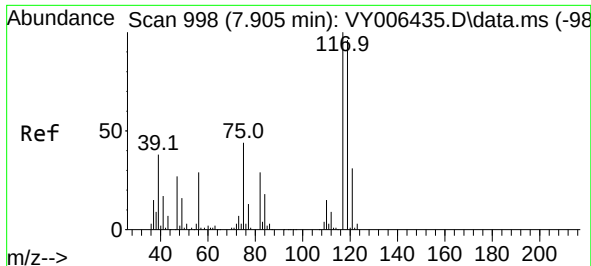
Tgt Ion:113 Resp: 2421
Ion Ratio Lower Upper
113 100
111 114.5 82.3 123.5
192 23.3 17.4 26.2



#36
1,1-Dichloropropene
Concen: 6.696 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006586.D
Acq: 02 Nov 2021 18:59

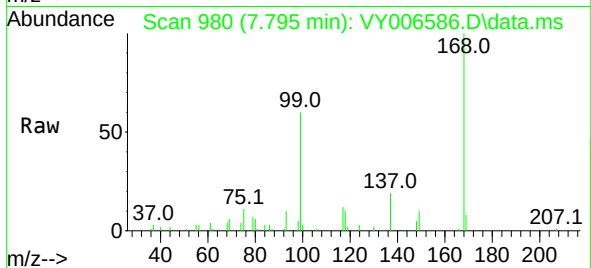
Tgt Ion: 75 Resp: 1312
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.3#
77 0.0 24.9 37.3#



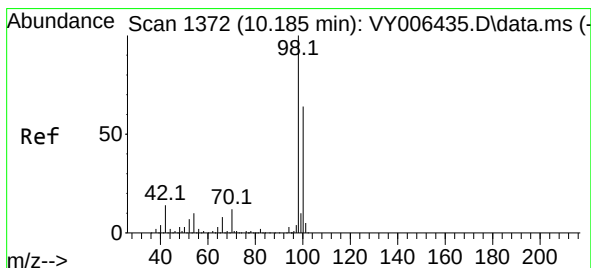
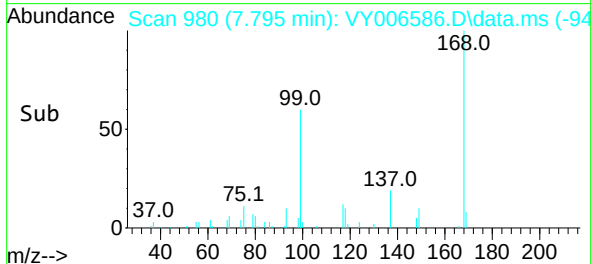
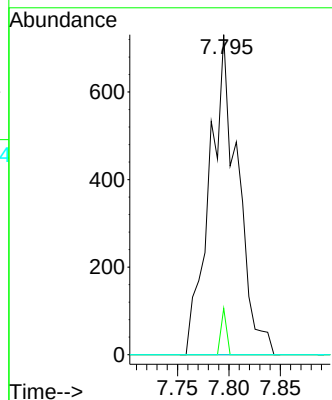


#38
Carbon Tetrachloride
Concen: 6.440 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006586.D
Acq: 02 Nov 2021 18:59

Instrument :
MSVOA_N
ClientSampleId :

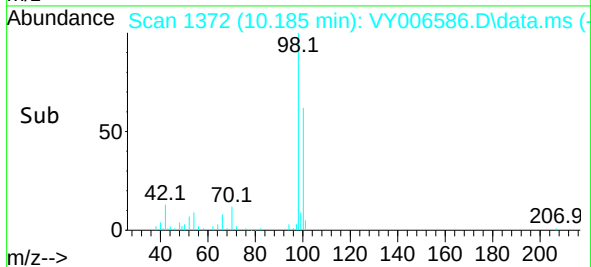
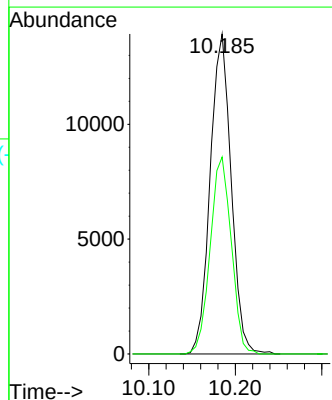
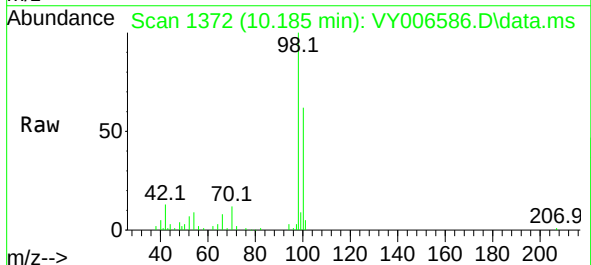


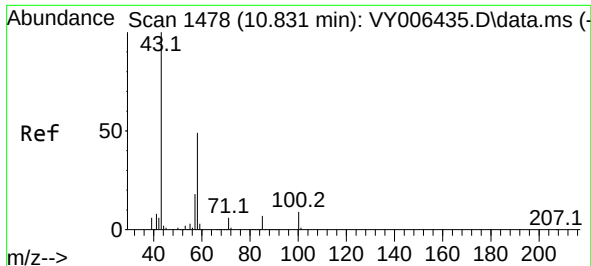
Tgt Ion:117 Resp: 1392
Ion Ratio Lower Upper
117 100
119 14.5 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 50.043 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006586.D
Acq: 02 Nov 2021 18:59

Tgt Ion: 98 Resp: 23447
Ion Ratio Lower Upper
98 100
100 61.8 50.9 76.3

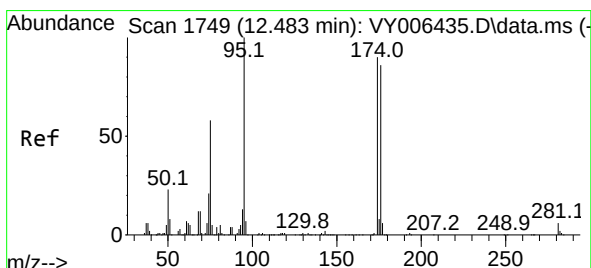
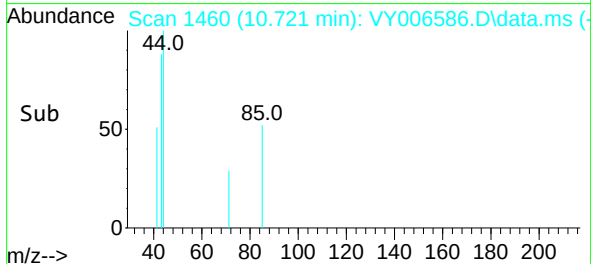
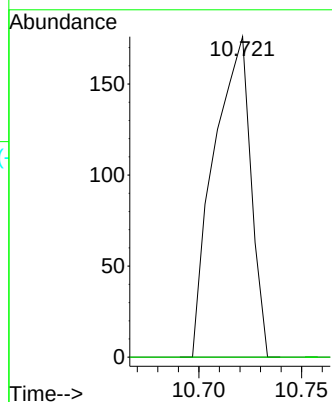
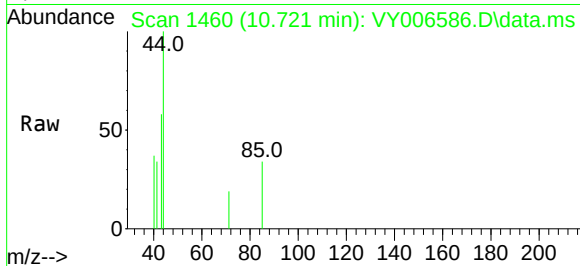




#59
2-Hexanone
Concen: 2.400 ug/l
RT: 10.721 min Scan# 1478
Delta R.T. -0.110 min
Lab File: VY006586.D
Acq: 02 Nov 2021 18:59

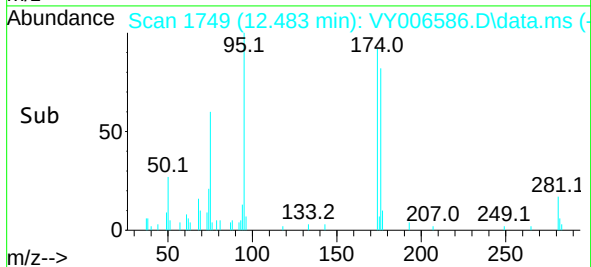
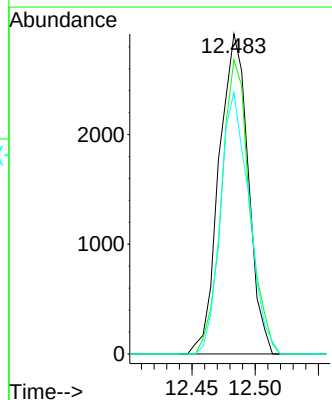
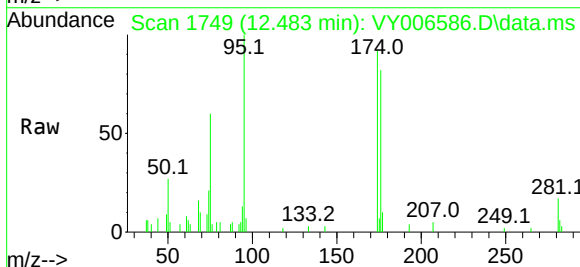
Instrument :
MSVOA_N
ClientSampleId :

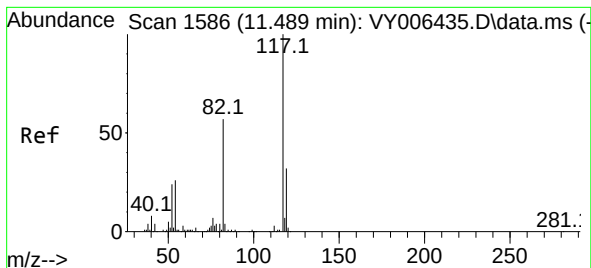
Tgt Ion: 43 Resp: 219
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 29.557 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006586.D
Acq: 02 Nov 2021 18:59

Tgt Ion: 95 Resp: 4665
Ion Ratio Lower Upper
95 100
174 88.4 0.0 177.0
176 80.5 0.0 169.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

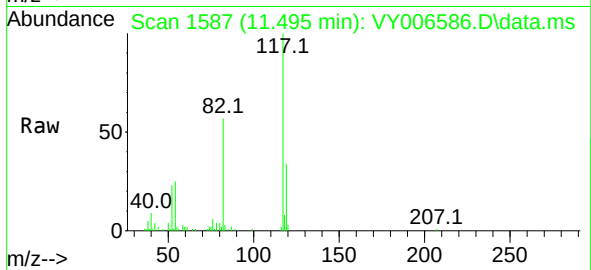
Lab File: VY006586.D

Acq: 02 Nov 2021 18:59

Instrument :

MSVOA_N

ClientSampleId :



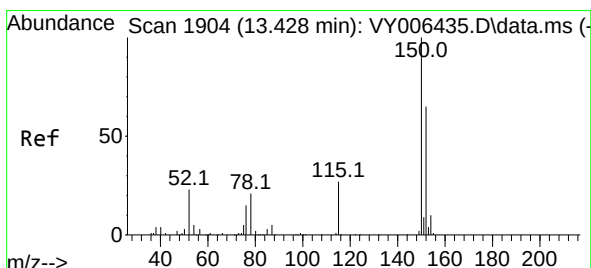
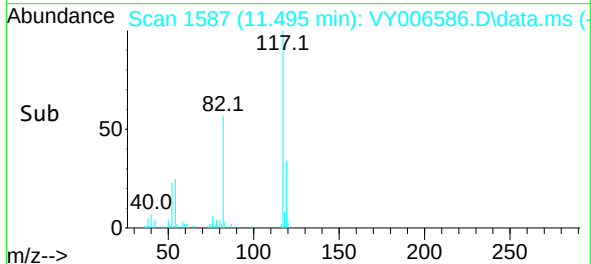
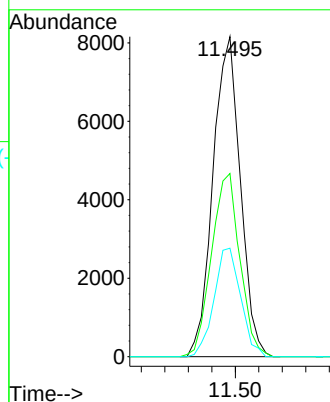
Tgt Ion:117 Resp: 13176

Ion Ratio Lower Upper

117 100

82 57.3 45.7 68.5

119 33.9 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY006586.D

Acq: 02 Nov 2021 18:59

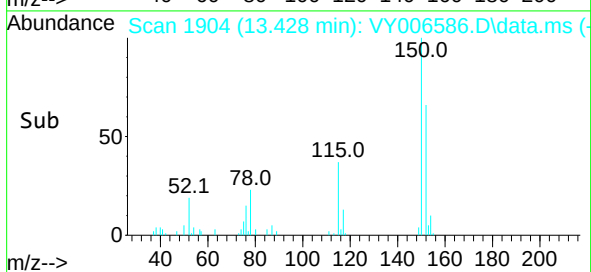
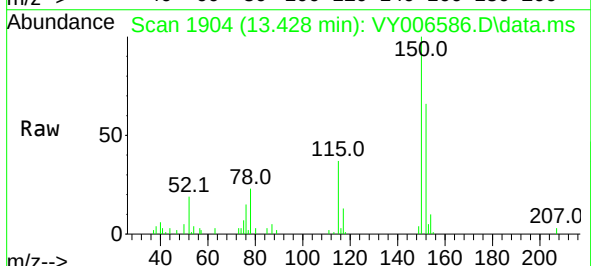
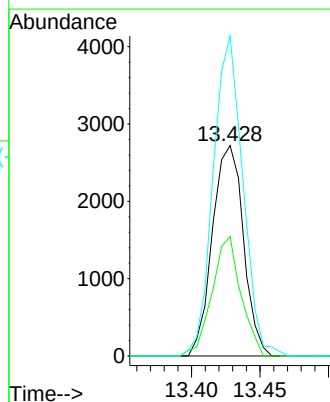
Tgt Ion:152 Resp: 4283

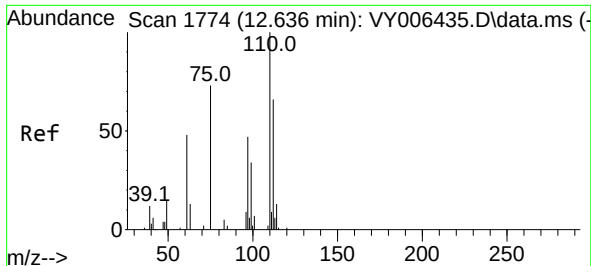
Ion Ratio Lower Upper

152 100

115 52.7 28.5 85.5

150 145.3 0.0 348.2

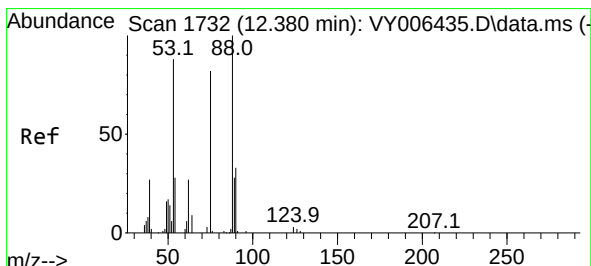
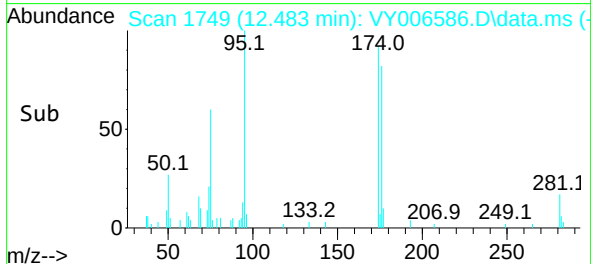
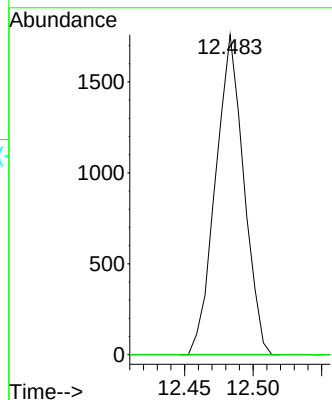
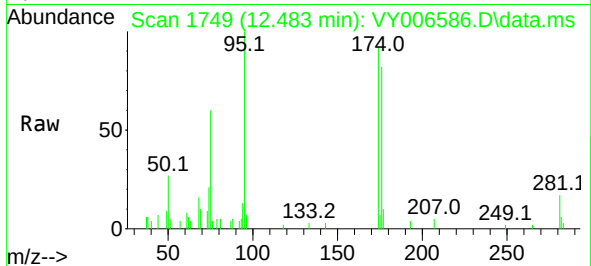




#76
1,2,3-Trichloropropane
Concen: 57.165 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006586.D
Acq: 02 Nov 2021 18:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 2523
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 117.358 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006586.D
Acq: 02 Nov 2021 18:59

Tgt Ion: 75 Resp: 2523
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

