

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111621\
 Data File : VY006755.D
 Acq On : 16 Nov 2021 12:41
 Operator : SY/MD
 Sample : M4687-03
 Misc : 5.29G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VWE-B35-111221-9-10

Quant Time: Nov 16 15:57:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 15 14:30:31 2021
 Response via : Initial Calibration

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

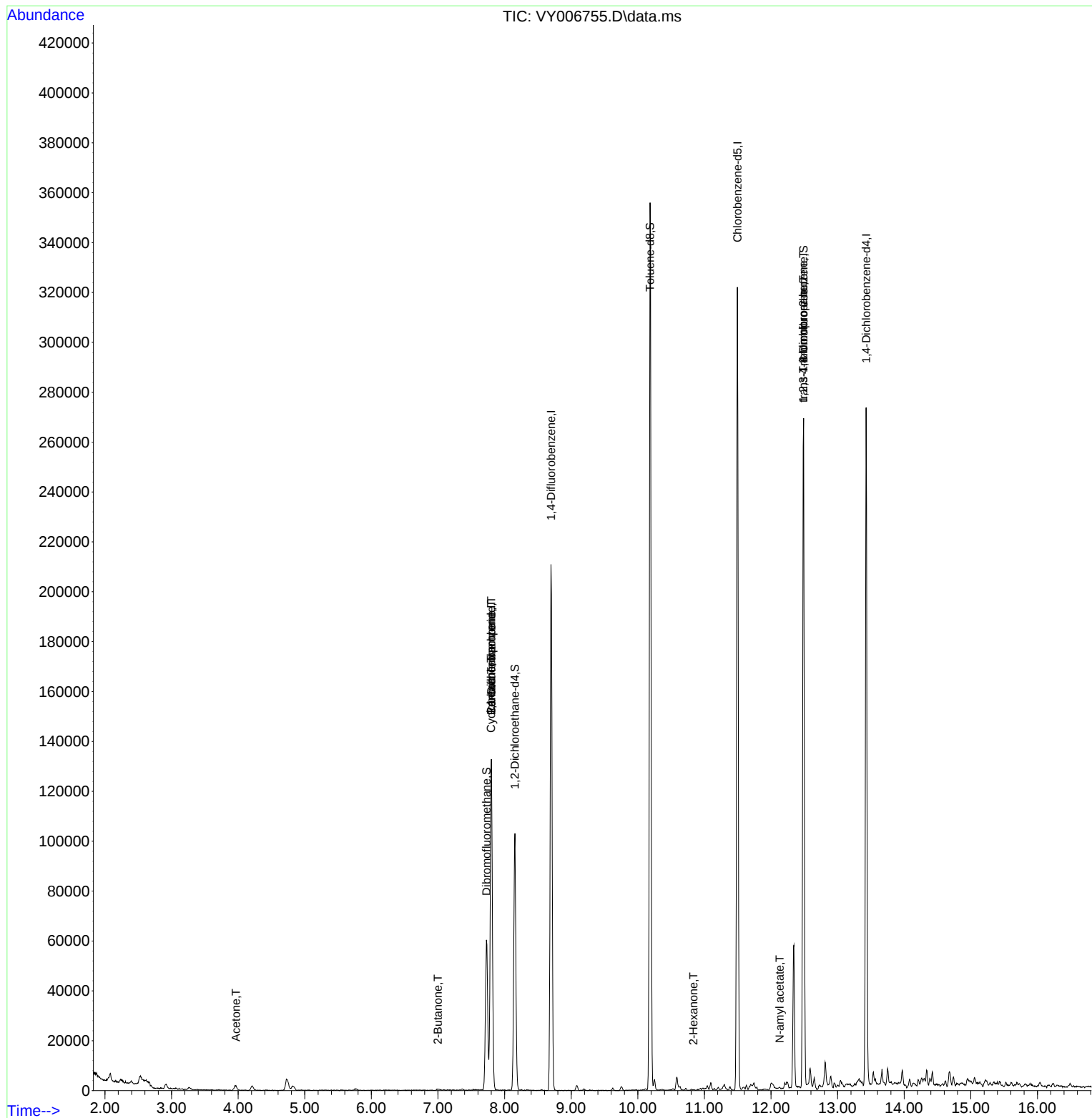
Internal Standards						
1) Pentafluorobenzene	7.801	168	99567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	172341	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	157090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	62308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	81262	62.272	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.540%
35) Dibromofluoromethane	7.728	113	40127	37.906	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.820%
50) Toluene-d8	10.185	98	216265	49.369	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.740%
62) 4-Bromofluorobenzene	12.489	95	67271	45.552	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.100%
Target Compounds						
						Qvalue
16) Acetone	3.966	43	3421	8.628	ug/l	90
20) Methylene Chloride	4.734	84	3128	Below Cal		95
25) 2-Butanone	6.996	43	920	13.023	ug/l	96
31) Cyclohexane	7.795	56	2767	1.206	ug/l #	33
36) 1,1-Dichloropropene	7.801	75	8177	4.365	ug/l #	50
38) Carbon Tetrachloride	7.801	117	10120	5.282	ug/l #	17
59) 2-Hexanone	10.837	43	151	23.967	ug/l #	28
74) N-amyl acetate	12.129	43	759	3.569	ug/l #	47
76) 1,2,3-Trichloropropane	12.483	75	41081	102.376	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	41081	120.162	ug/l #	7

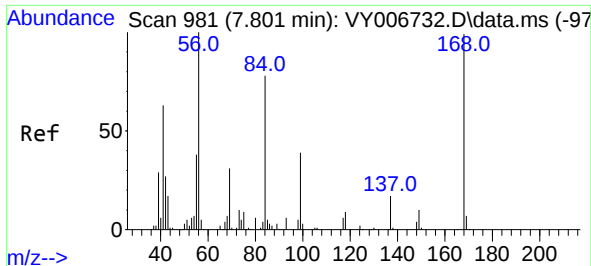
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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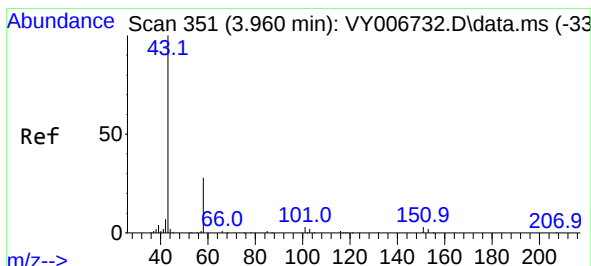
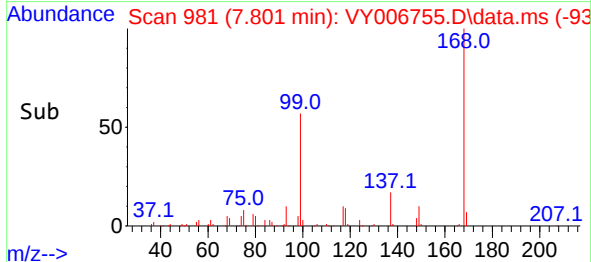
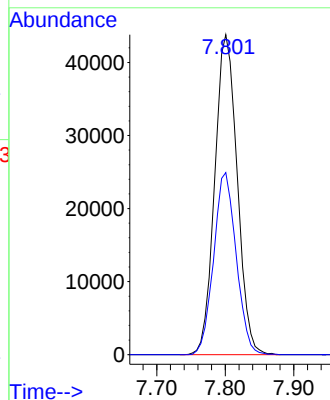
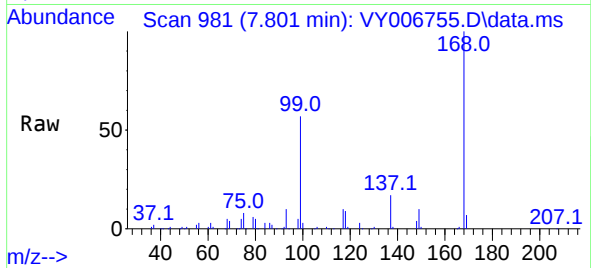




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006755.D
Acq: 16 Nov 2021 12:41

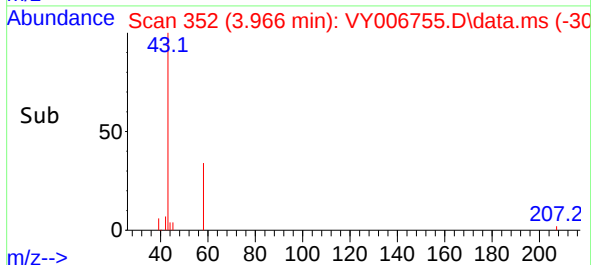
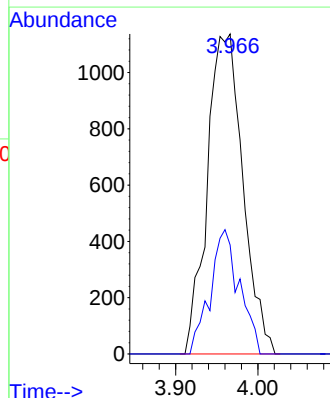
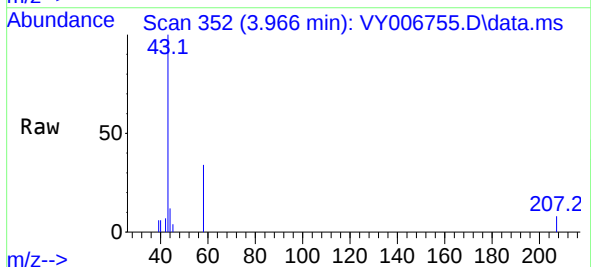
Instrument :
MSVOA_Y
ClientSampleId :
VWE-B35-111221-9-10

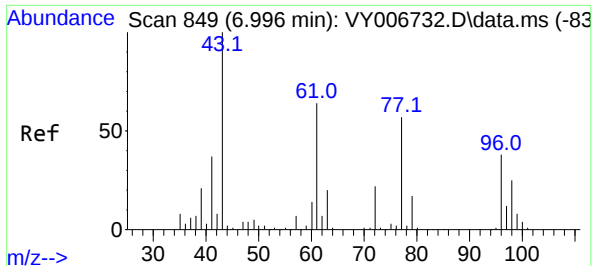
Tgt Ion:168 Resp: 99567
Ion Ratio Lower Upper
168 100
99 56.9 44.8 67.2



#16
Acetone
Concen: 8.628 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY006755.D
Acq: 16 Nov 2021 12:41

Tgt Ion: 43 Resp: 3421
Ion Ratio Lower Upper
43 100
58 34.0 22.9 34.3





#25

2-Butanone

Concen: 13.023 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY006755.D

Acq: 16 Nov 2021 12:41

Instrument :

MSVOA_Y

ClientSampleId :

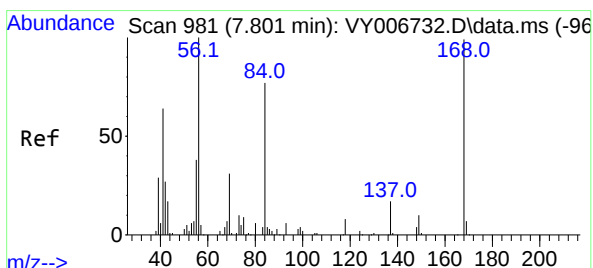
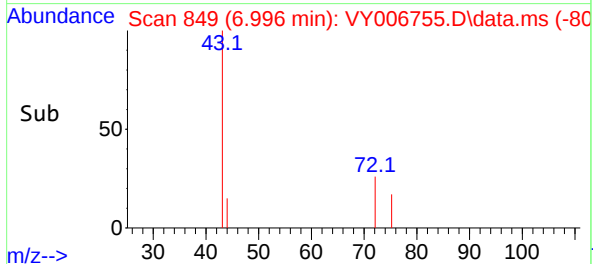
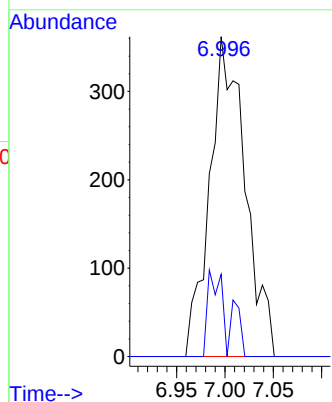
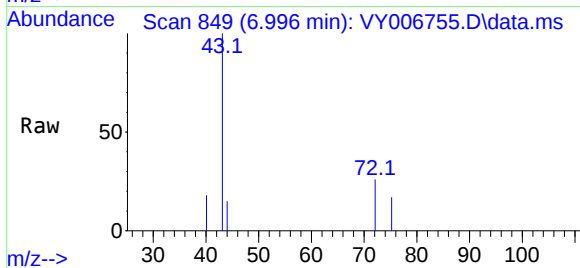
VWE-B35-111221-9-10

Tgt Ion: 43 Resp: 920

Ion Ratio Lower Upper

43 100

72 25.7 18.9 28.3



#31

Cyclohexane

Concen: 1.206 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.006 min

Lab File: VY006755.D

Acq: 16 Nov 2021 12:41

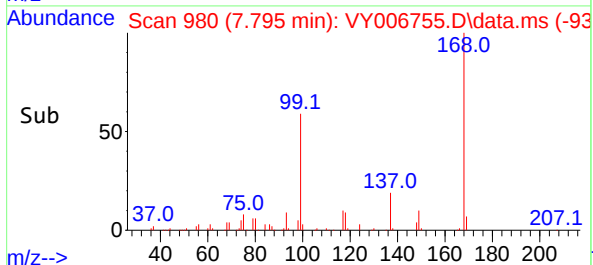
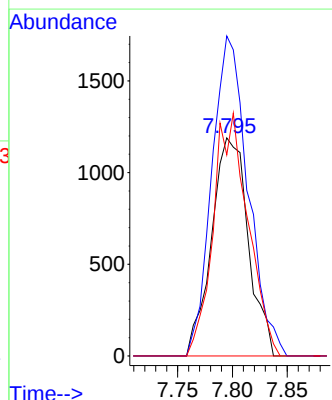
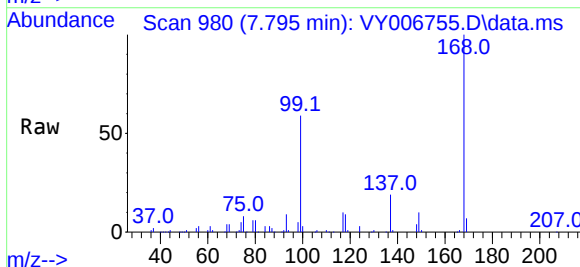
Tgt Ion: 56 Resp: 2767

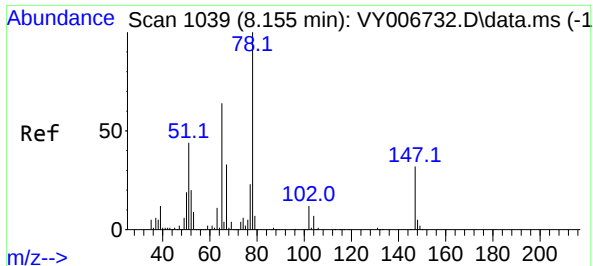
Ion Ratio Lower Upper

56 100

69 146.8 26.6 40.0#

84 92.3 65.0 97.4





#33

1,2-Dichloroethane-d4

Concen: 62.272 ug/l

RT: 8.154 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY006755.D

Acq: 16 Nov 2021 12:41

Instrument :

MSVOA_Y

ClientSampleId :

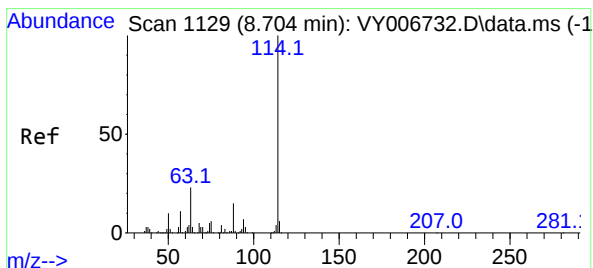
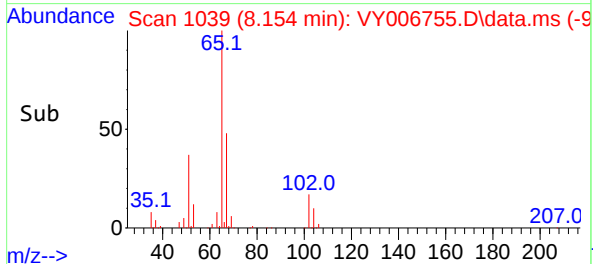
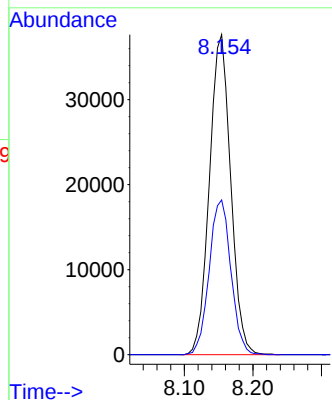
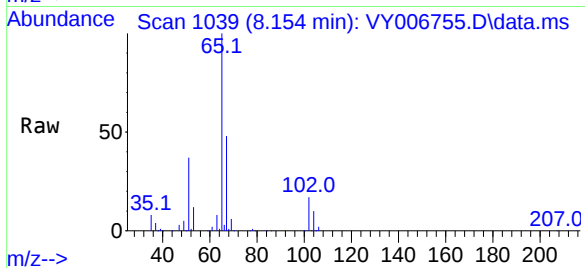
VWE-B35-111221-9-10

Tgt Ion: 65 Resp: 81262

Ion Ratio Lower Upper

65 100

67 49.4 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.007 min

Lab File: VY006755.D

Acq: 16 Nov 2021 12:41

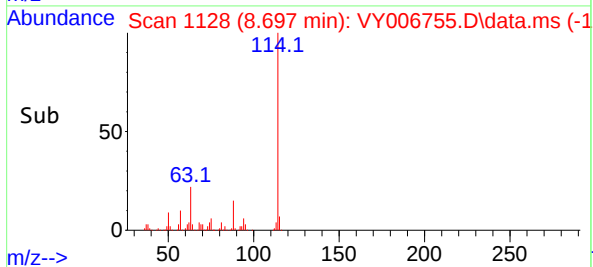
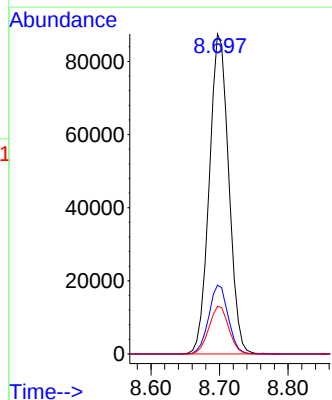
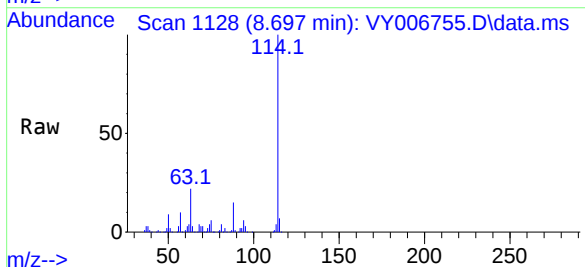
Tgt Ion: 114 Resp: 172341

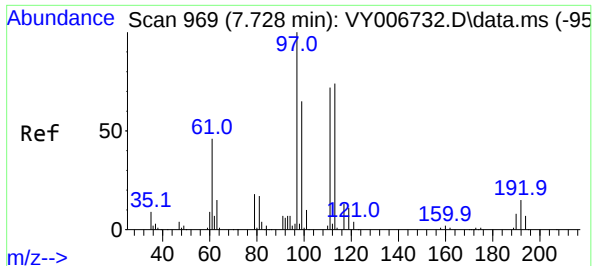
Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.0

88 14.9 0.0 30.6



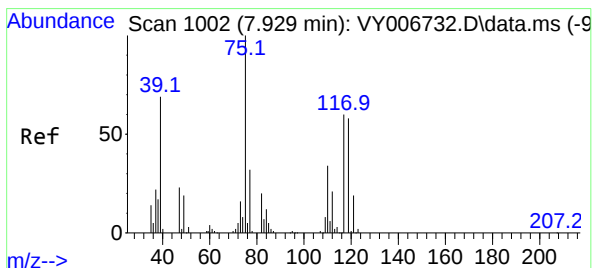
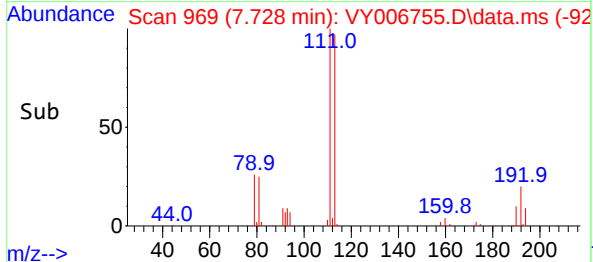
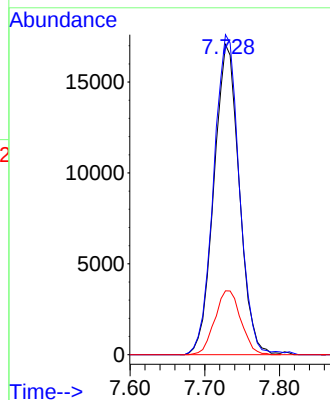
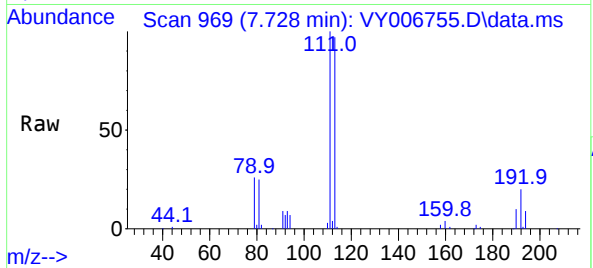


#35
Dibromofluoromethane
Concen: 37.906 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY006755.D
Acq: 16 Nov 2021 12:41

Instrument :
MSVOA_Y
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VWE-B35-111221-9-10

Tgt Ion:113 Resp: 40127

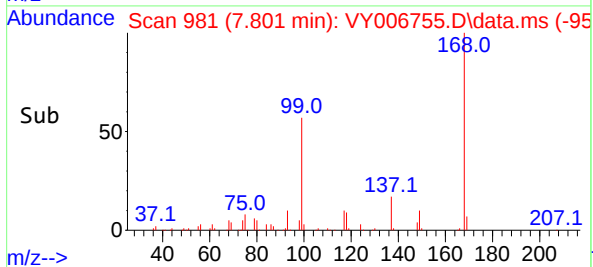
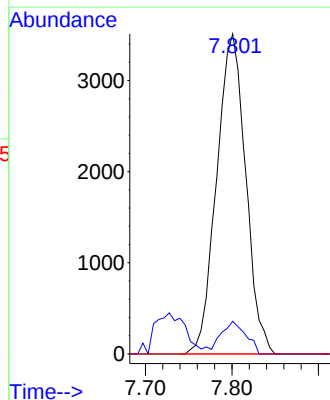
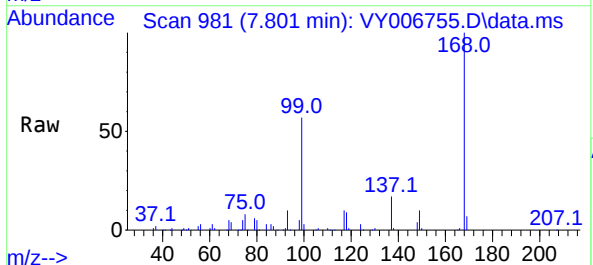
Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.3	123.5
192	21.2	17.4	26.2

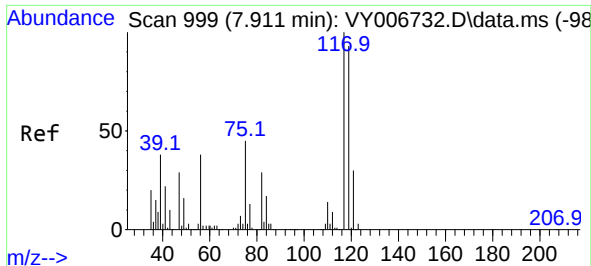


#36
1,1-Dichloropropene
Concen: 4.365 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY006755.D
Acq: 16 Nov 2021 12:41

Tgt Ion: 75 Resp: 8177

Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.1	51.3#
77	0.0	24.9	37.3#

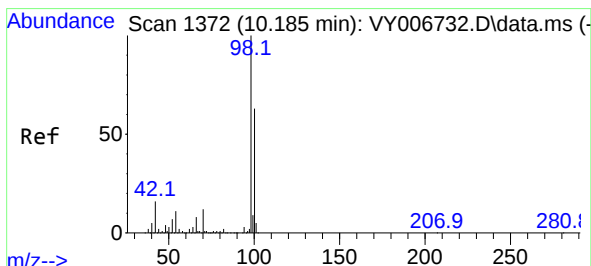
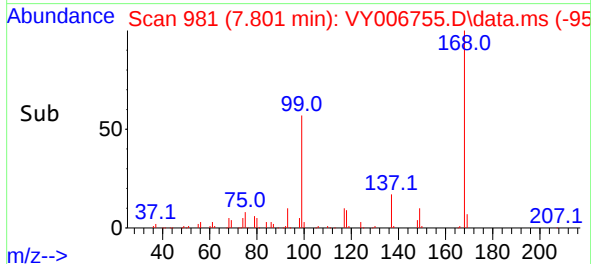
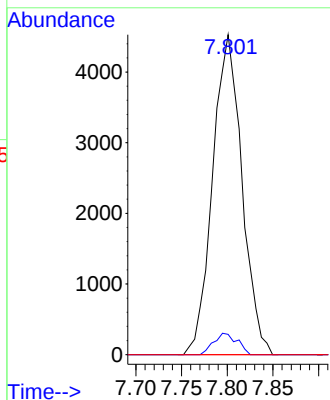
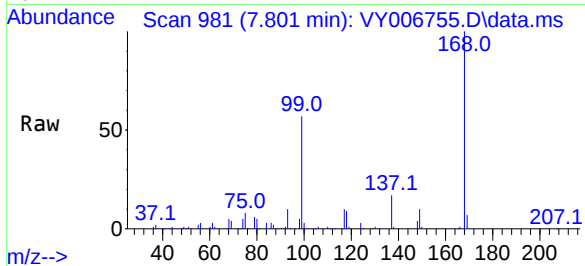




#38
Carbon Tetrachloride
Concen: 5.282 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006755.D
Acq: 16 Nov 2021 12:41

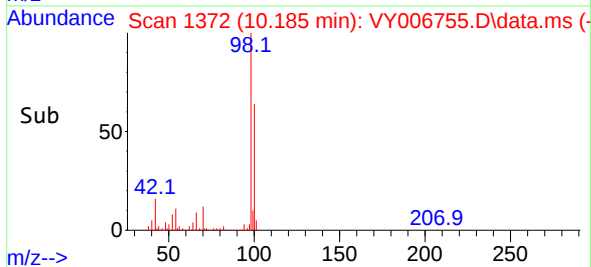
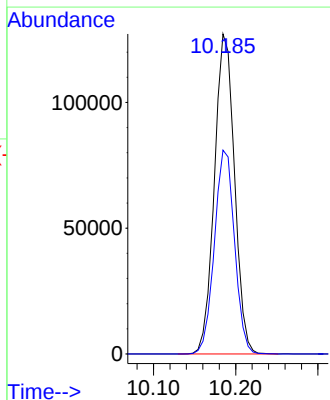
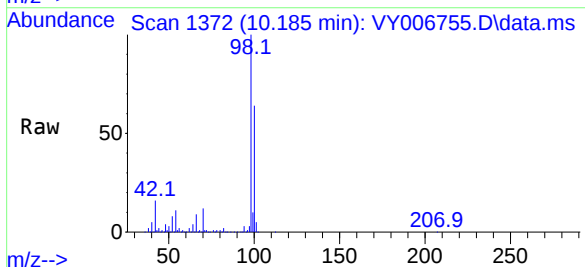
Instrument :
MSVOA_Y
ClientSampleId :
VWE-B35-111221-9-10

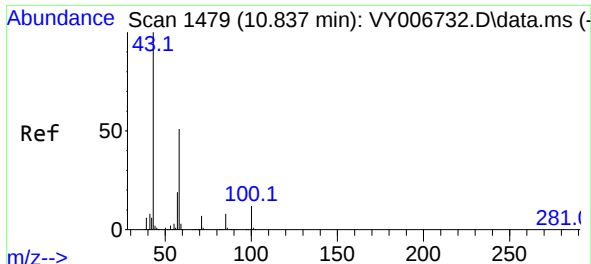
Tgt Ion:117 Resp: 10120
Ion Ratio Lower Upper
117 100
119 6.3 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 49.369 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006755.D
Acq: 16 Nov 2021 12:41

Tgt Ion: 98 Resp: 216265
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3

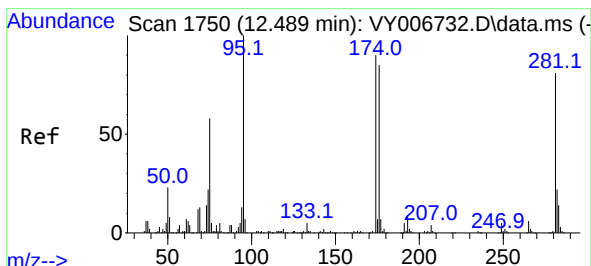
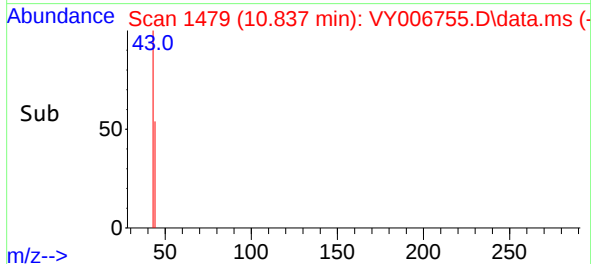
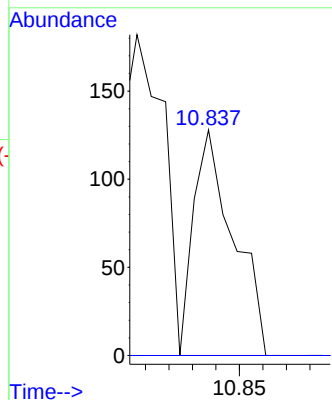
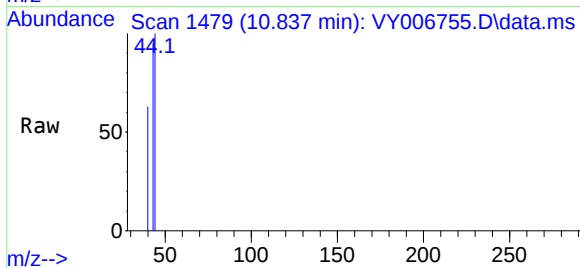




#59
2-Hexanone
Concen: 23.967 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VY006755.D
Acq: 16 Nov 2021 12:41

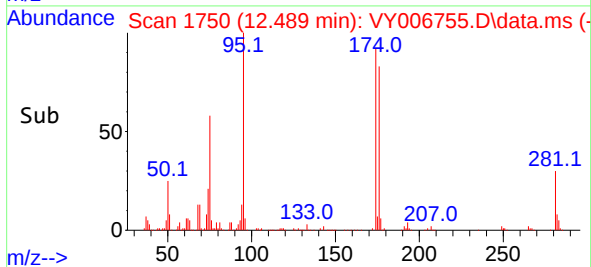
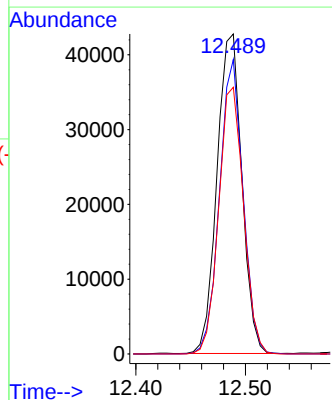
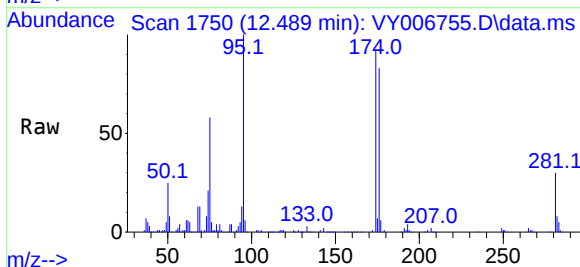
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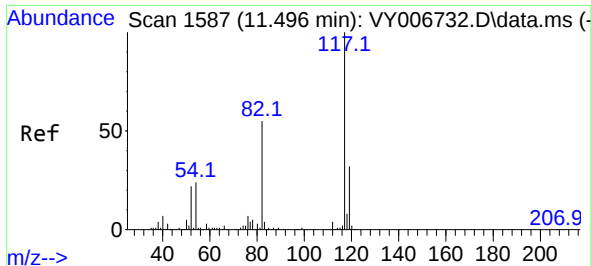
Tgt Ion: 43 Resp: 151
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 45.552 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY006755.D
Acq: 16 Nov 2021 12:41

Tgt Ion: 95 Resp: 67271
Ion Ratio Lower Upper
95 100
174 87.2 0.0 177.0
176 83.2 0.0 169.4

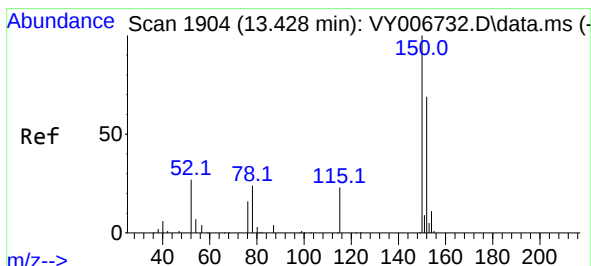
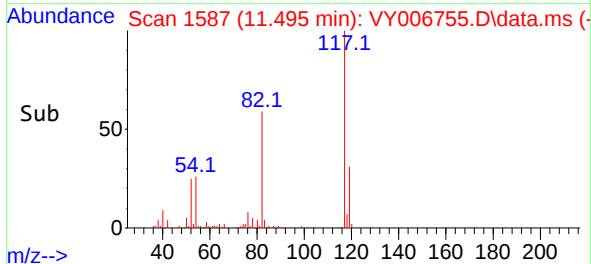
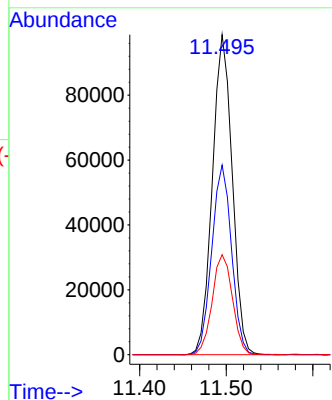
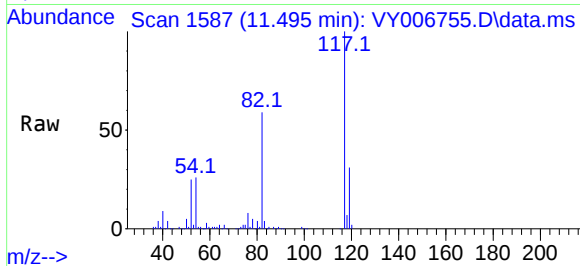




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006755.D
Acq: 16 Nov 2021 12:41

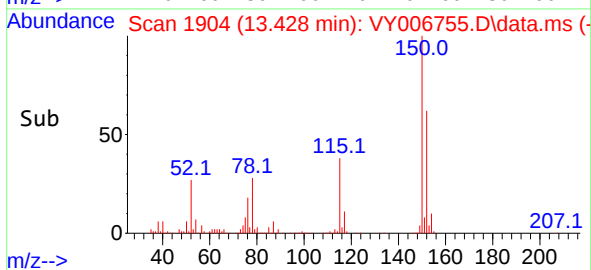
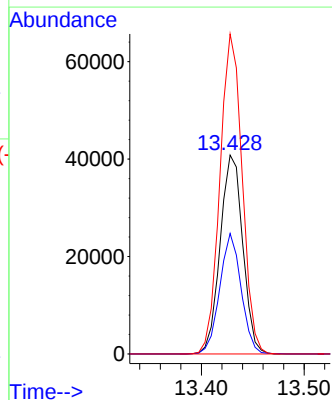
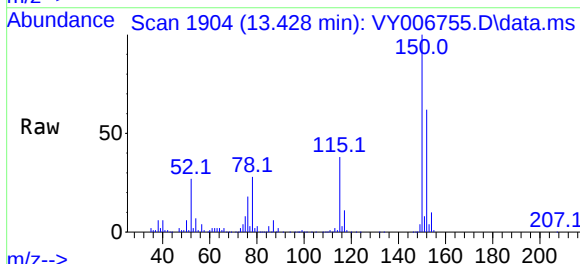
Instrument :
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VWE-B35-111221-9-10

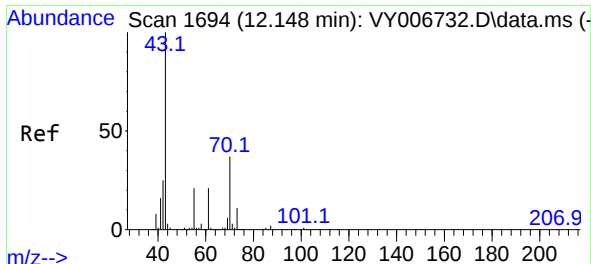
Tgt Ion:	117	Resp:	157090
Ion	Ratio	Lower	Upper
117	100		
82	59.3	45.7	68.5
119	31.3	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006755.D
Acq: 16 Nov 2021 12:41

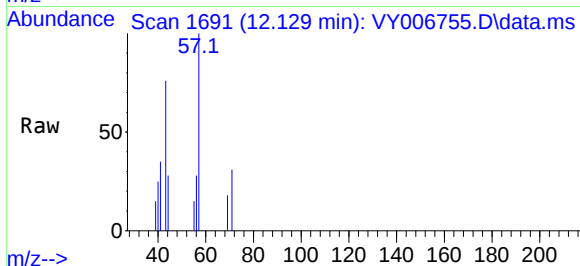
Tgt Ion:	152	Resp:	62308
Ion	Ratio	Lower	Upper
152	100		
115	57.4	28.5	85.5
150	158.2	0.0	348.2



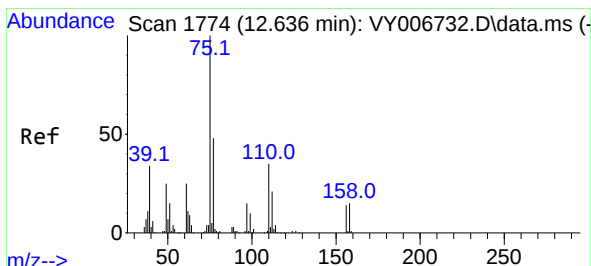
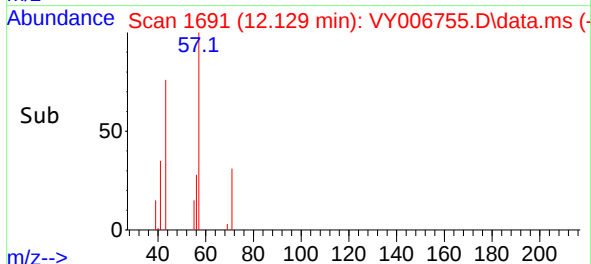
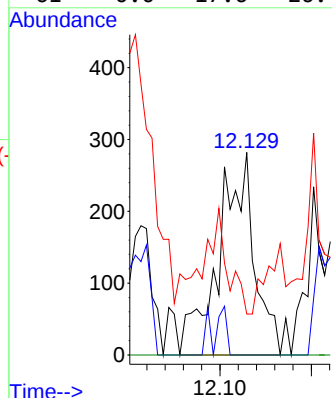


#74
N-amy1 acetate
Concen: 3.569 ug/l
RT: 12.129 min Scan# 1
Delta R.T. -0.019 min
Lab File: VY006755.D
Acq: 16 Nov 2021 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VWE-B35-111221-9-10

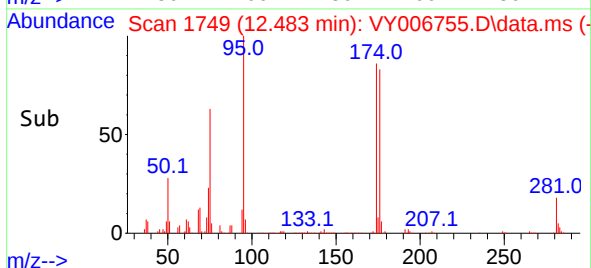
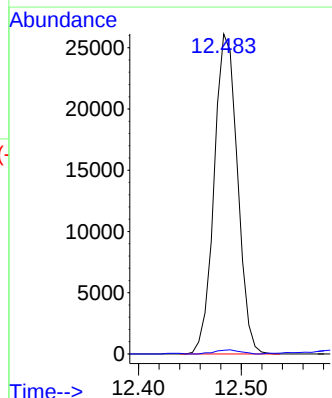
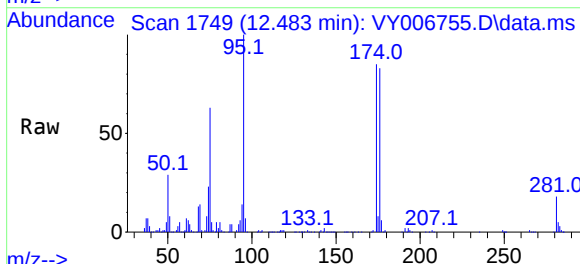


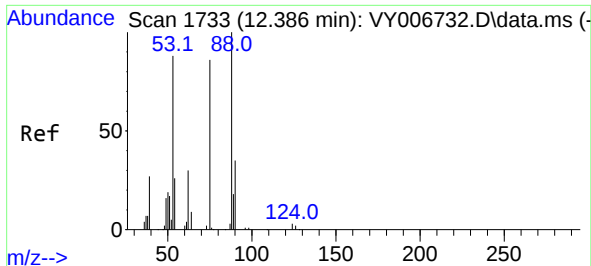
Tgt Ion: 43	Resp:	759
Ion	Ratio	Lower Upper
43	100	
70	0.0	29.4 44.0#
55	0.0	18.1 27.1#
61	0.0	17.6 26.4#



#76
1,2,3-Trichloropropane
Concen: 102.376 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006755.D
Acq: 16 Nov 2021 12:41

Tgt Ion: 75	Resp:	41081
Ion	Ratio	Lower Upper
75	100	
77	1.4	0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 120.162 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY006755.D
 Acq: 16 Nov 2021 12:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VWE-B35-111221-9-10

Tgt Ion: 75 Resp: 41081
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.8 128.6#
 89 0.1 39.3 58.9#

