

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111821\
 Data File : VY006807.D
 Acq On : 18 Nov 2021 14:44
 Operator : SY/MD
 Sample : M4707-09RE
 Misc : 4.79G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1-COMP

Quant Time: Nov 19 05:34:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

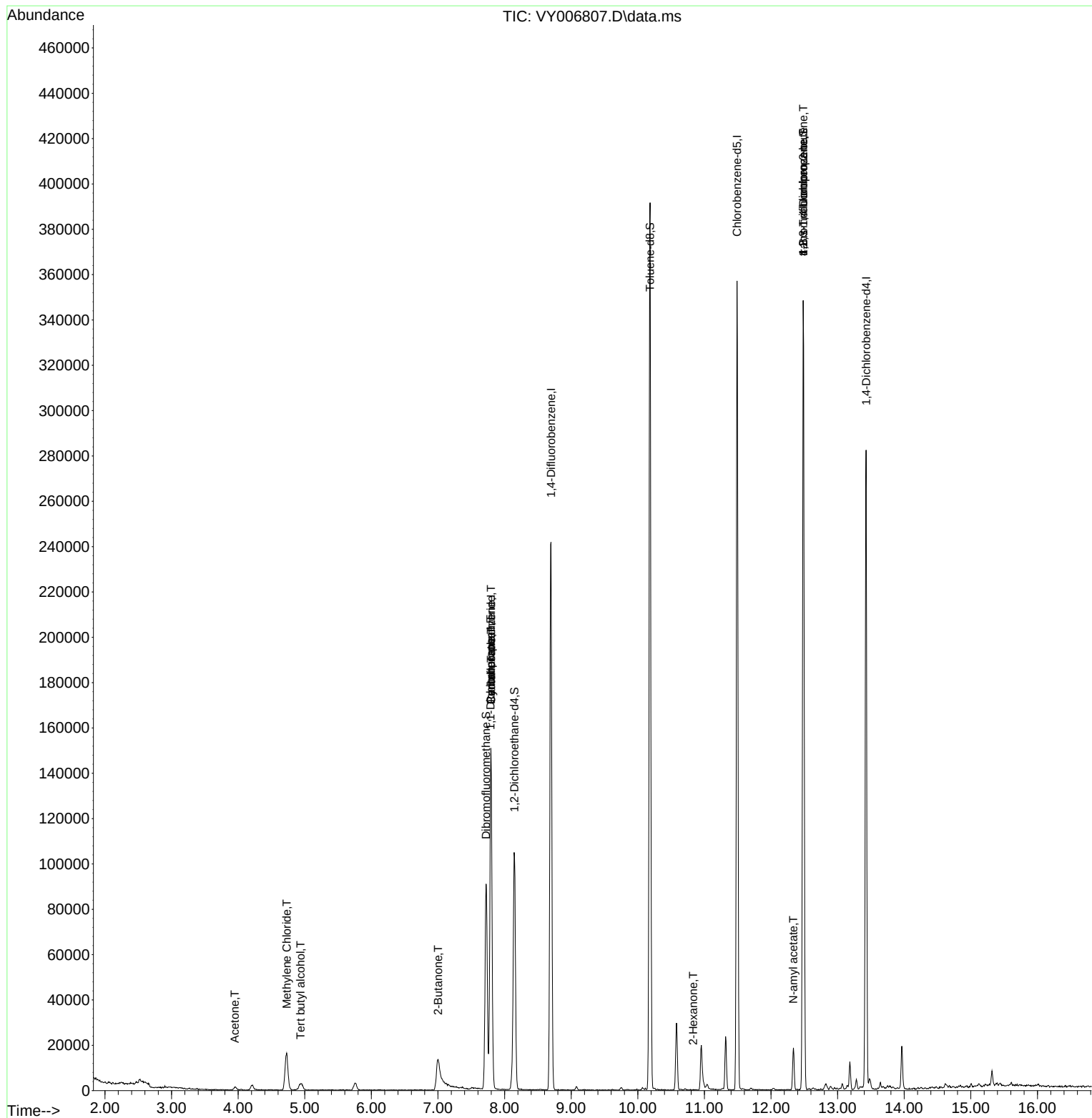
Internal Standards						
1) Pentafluorobenzene	7.795	168	111087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	191880	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	175055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	81407	55.914	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.820%
35) Dibromofluoromethane	7.722	113	61535	52.210	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.420%
50) Toluene-d8	10.185	98	244087	50.046	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.100%
62) 4-Bromofluorobenzene	12.483	95	73652	44.795	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.580%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	4470	20.415	ug/l #	72
16) Acetone	3.948	43	2316	5.236	ug/l	95
20) Methylene Chloride	4.728	84	11188	5.421	ug/l	93
25) 2-Butanone	7.002	43	1341	13.489	ug/l #	52
31) Cyclohexane	7.795	56	2830	1.106	ug/l #	15
36) 1,1-Dichloropropene	7.789	75	9864	4.729	ug/l #	45
38) Carbon Tetrachloride	7.795	117	11263	5.280	ug/l #	16
59) 2-Hexanone	10.831	43	145	23.946	ug/l #	28
74) N-amyl acetate	12.337	43	589	3.457	ug/l #	28
76) 1,2,3-Trichloropropane	12.483	75	43816	60.794	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	43816	120.461	ug/l #	7

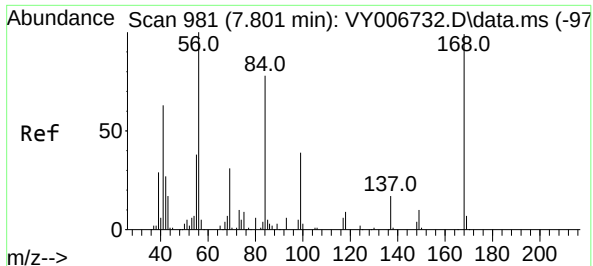
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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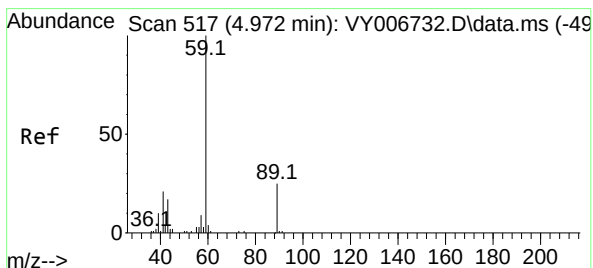
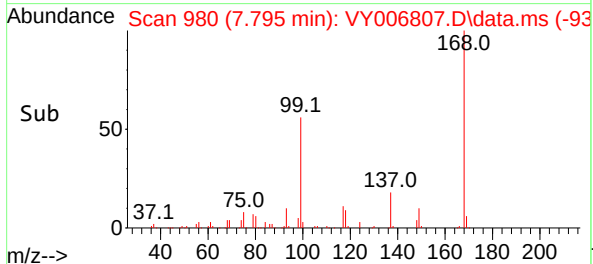
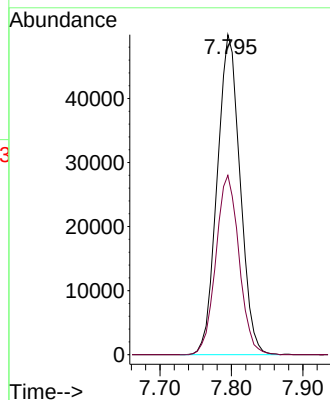
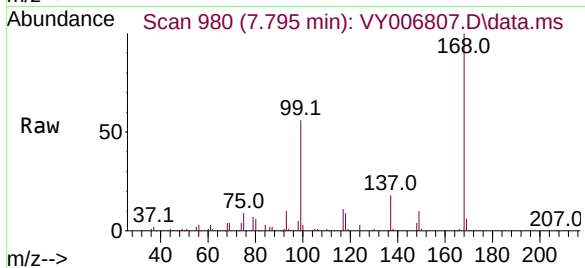




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006807.D
Acq: 18 Nov 2021 14:44

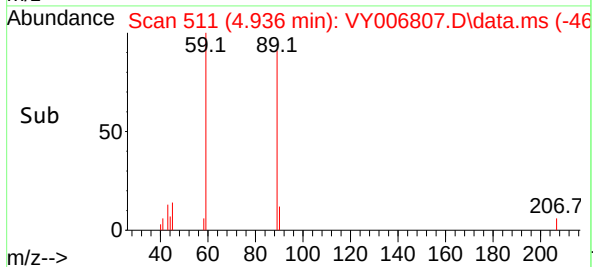
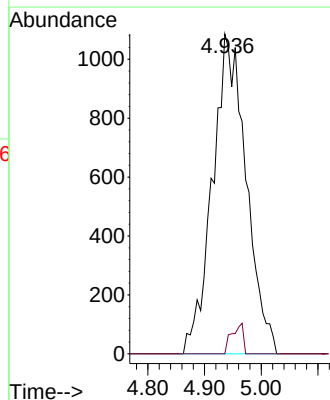
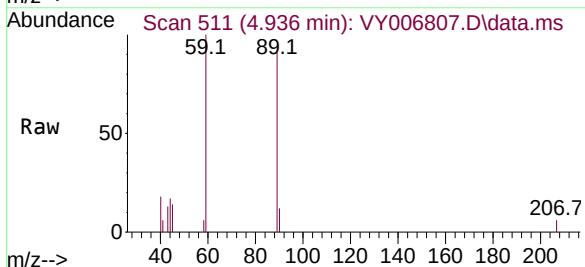
Instrument :
MSVOA_Y
ClientSampleId :
1-COMP

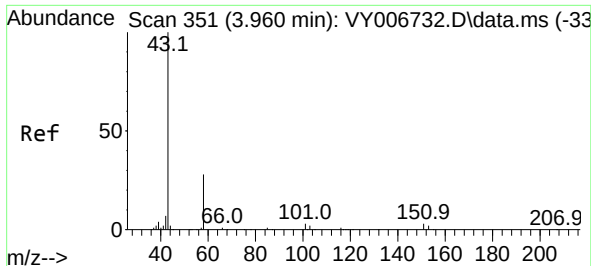
Tgt Ion:168 Resp: 111087
Ion Ratio Lower Upper
168 100
99 56.0 44.8 67.2



#11
Tert butyl alcohol
Concen: 20.415 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.036 min
Lab File: VY006807.D
Acq: 18 Nov 2021 14:44

Tgt Ion: 59 Resp: 4470
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

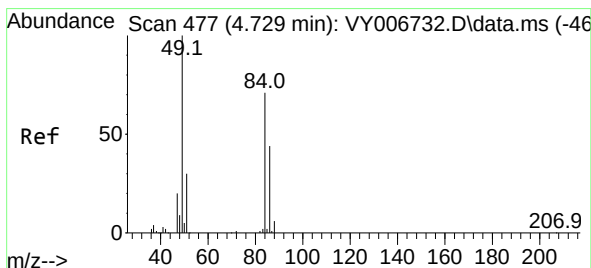
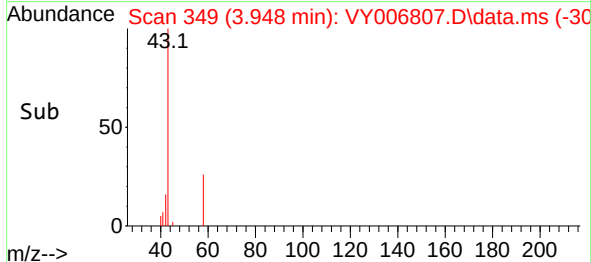
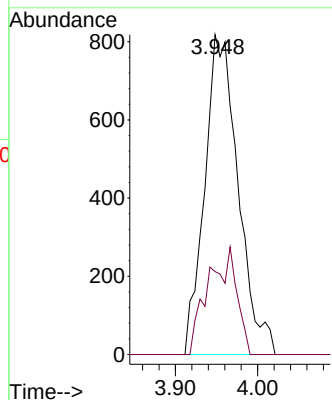
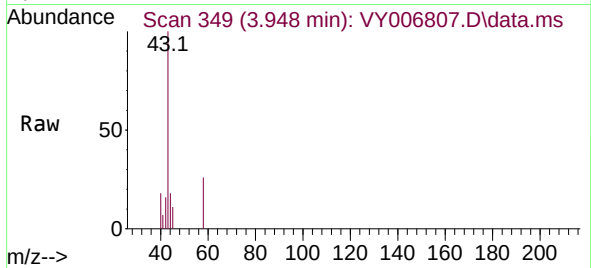




#16
Acetone
Concen: 5.236 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY006807.D
Acq: 18 Nov 2021 14:44

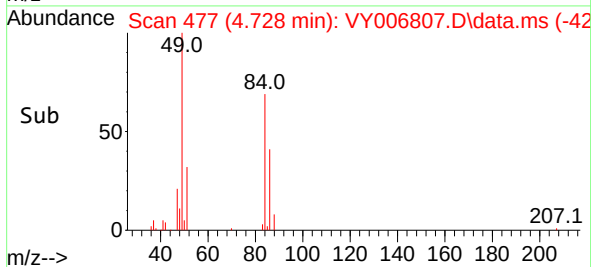
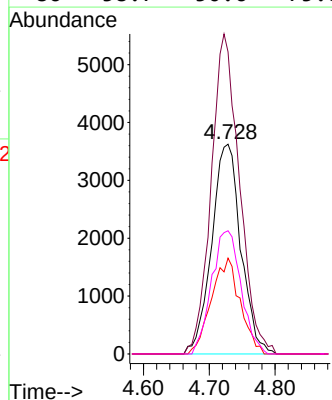
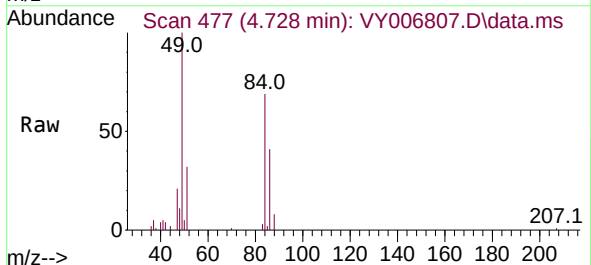
Instrument :
MSVOA_Y
ClientSampleId :
1-COMP

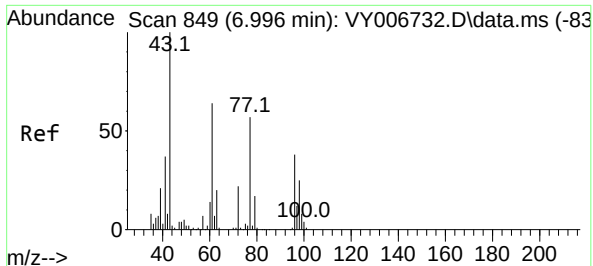
Tgt Ion: 43 Resp: 2316
Ion Ratio Lower Upper
43 100
58 25.9 22.9 34.3



#20
Methylene Chloride
Concen: 5.421 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY006807.D
Acq: 18 Nov 2021 14:44

Tgt Ion: 84 Resp: 11188
Ion Ratio Lower Upper
84 100
49 144.0 107.8 161.8
51 45.7 32.8 49.2
86 58.7 50.6 75.8





#25

2-Butanone

Concen: 13.489 ug/l

RT: 7.002 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY006807.D

Acq: 18 Nov 2021 14:44

Instrument :

MSVOA_Y

ClientSampleId :

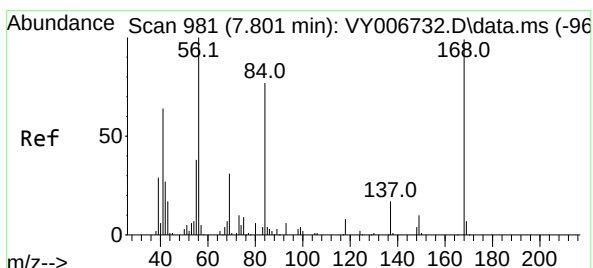
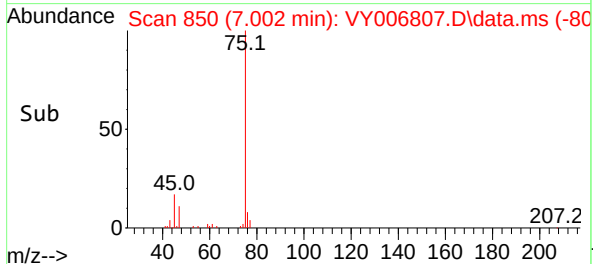
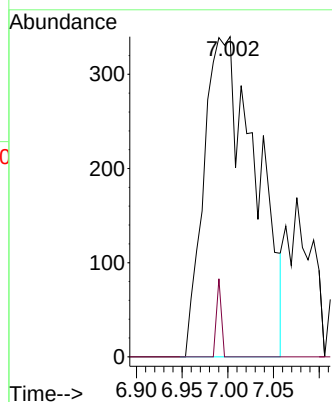
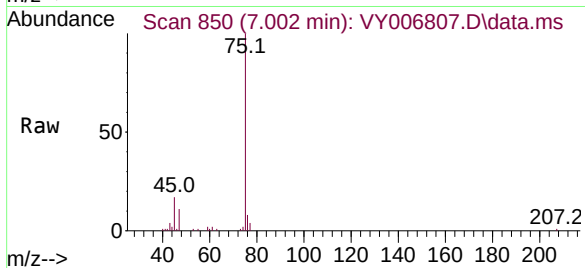
1-COMP

Tgt Ion: 43 Resp: 1341

Ion Ratio Lower Upper

43 100

72 0.0 18.9 28.3#



#31

Cyclohexane

Concen: 1.106 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.006 min

Lab File: VY006807.D

Acq: 18 Nov 2021 14:44

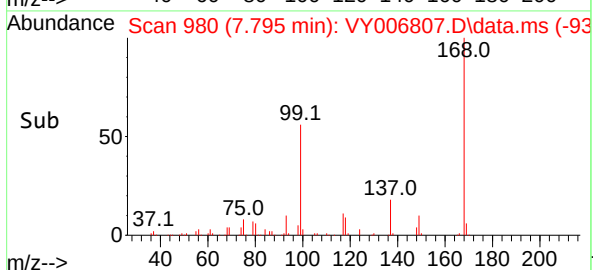
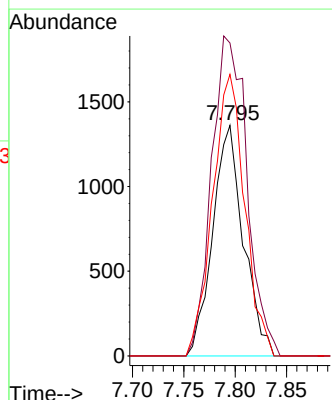
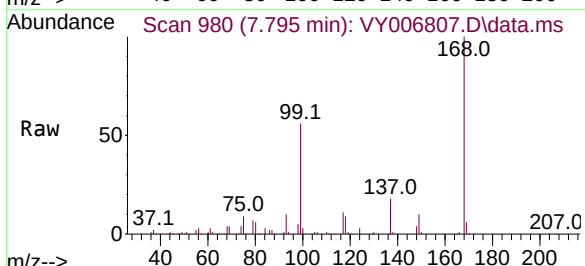
Tgt Ion: 56 Resp: 2830

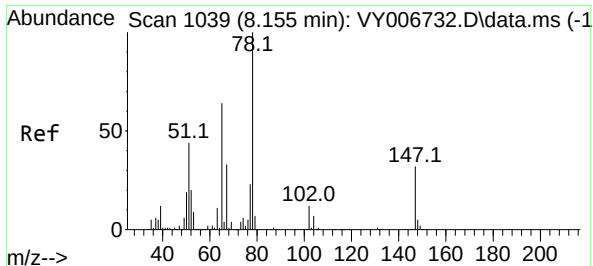
Ion Ratio Lower Upper

56 100

69 135.7 26.6 40.0#

84 122.1 65.0 97.4#





#33

1,2-Dichloroethane-d4

Concen: 55.914 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY006807.D

Acq: 18 Nov 2021 14:44

Instrument :

MSVOA_Y

ClientSampleId :

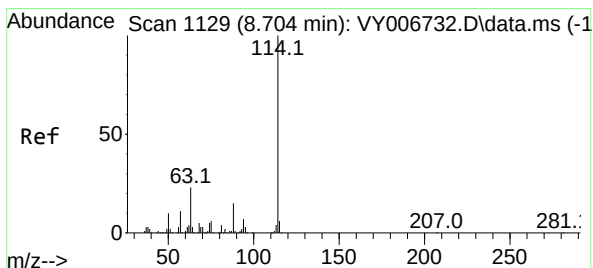
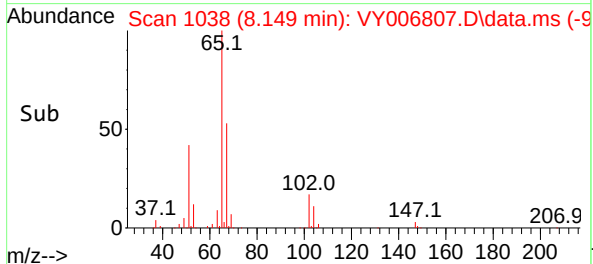
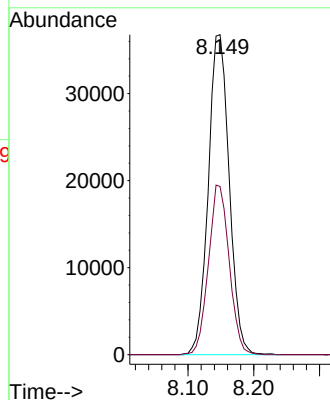
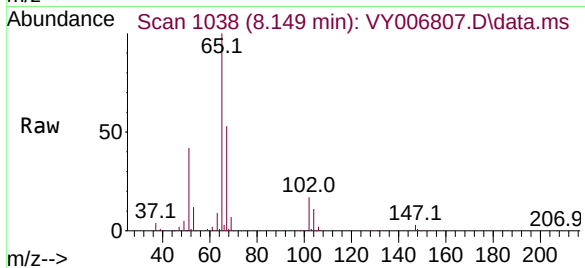
1-COMP

Tgt Ion: 65 Resp: 81407

Ion Ratio Lower Upper

65 100

67 52.6 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006807.D

Acq: 18 Nov 2021 14:44

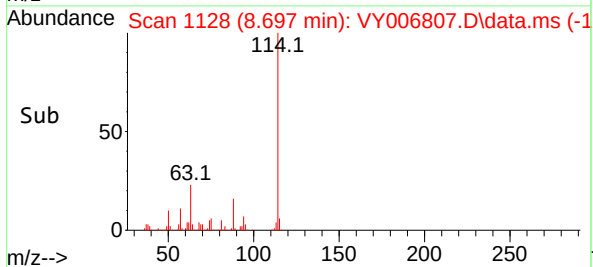
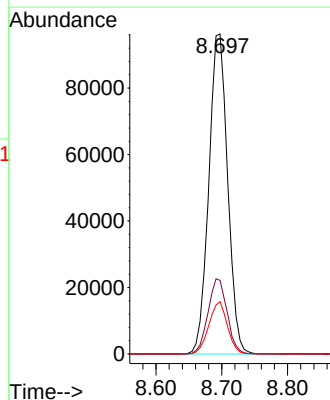
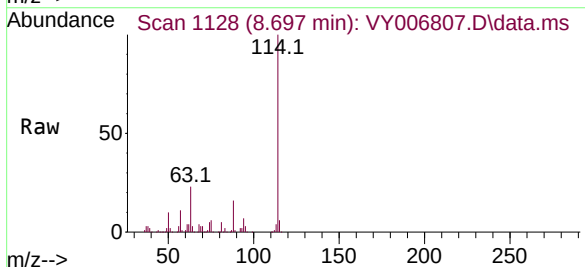
Tgt Ion: 114 Resp: 191880

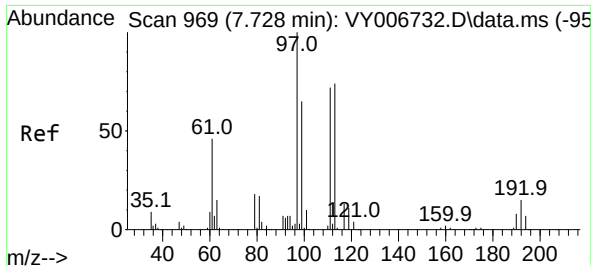
Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.0

88 16.4 0.0 30.6

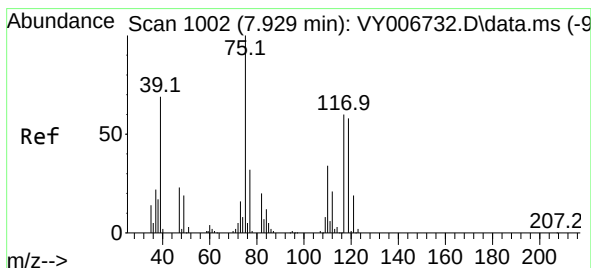
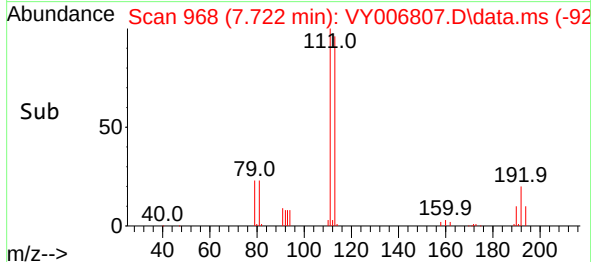
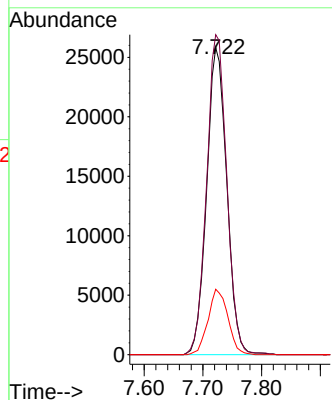
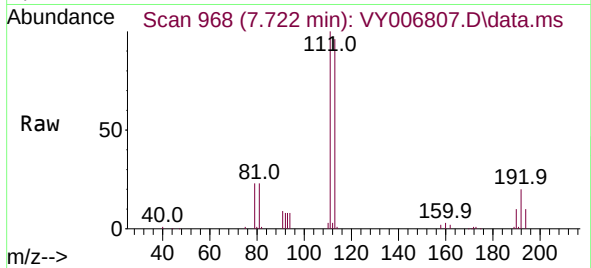




#35
Dibromofluoromethane
Concen: 52.210 ug/l
RT: 7.722 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY006807.D
Acq: 18 Nov 2021 14:44

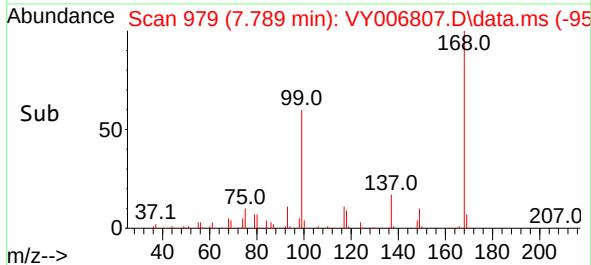
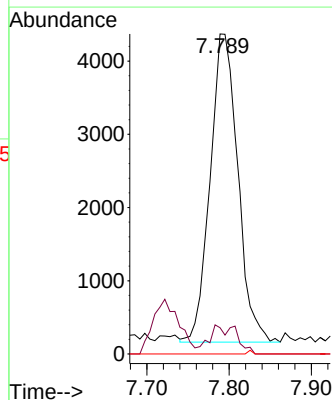
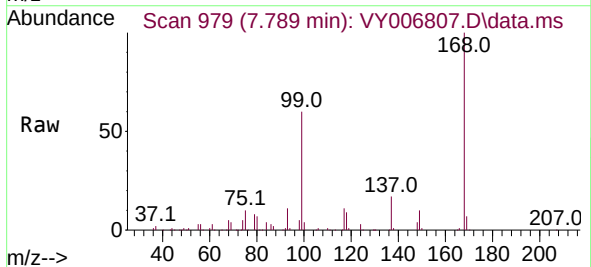
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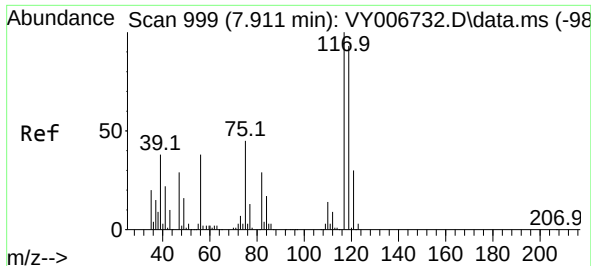
Tgt Ion:113 Resp: 61535
Ion Ratio Lower Upper
113 100
111 104.4 82.3 123.5
192 21.1 17.4 26.2



#36
1,1-Dichloropropene
Concen: 4.729 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.140 min
Lab File: VY006807.D
Acq: 18 Nov 2021 14:44

Tgt Ion: 75 Resp: 9864
Ion Ratio Lower Upper
75 100
110 3.5 17.1 51.3#
77 0.0 24.9 37.3#

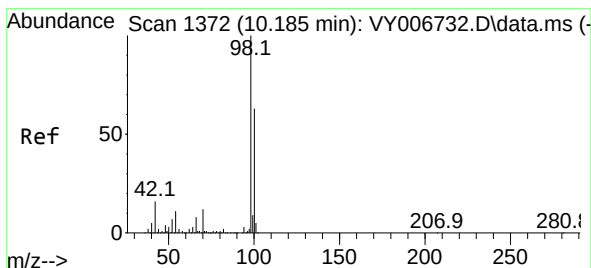
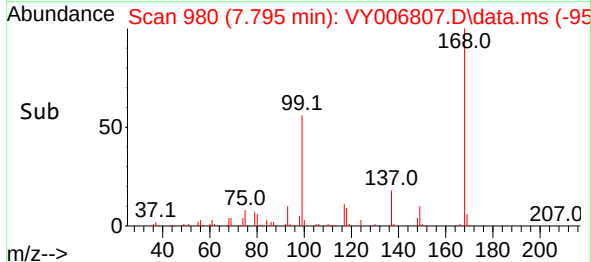
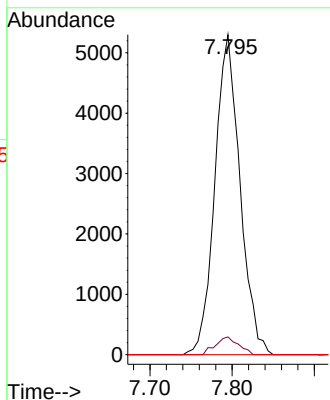
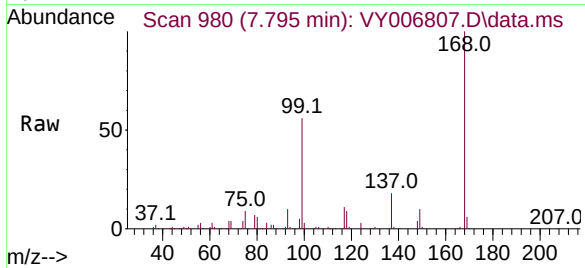




#38
Carbon Tetrachloride
Concen: 5.280 ug/l
RT: 7.795 min Scan# 911
Delta R.T. -0.116 min
Lab File: VY006807.D
Acq: 18 Nov 2021 14:44

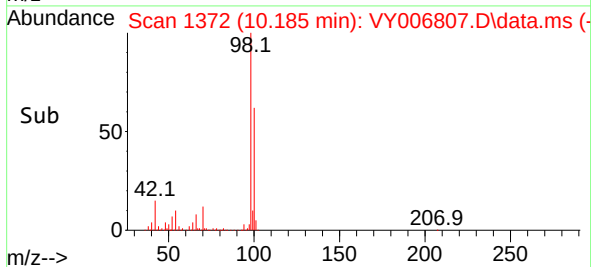
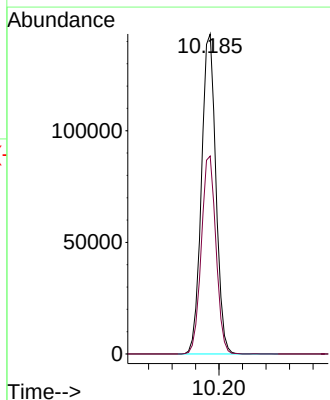
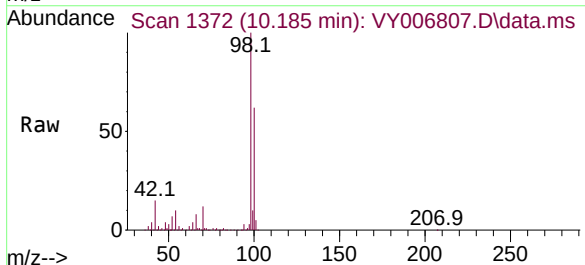
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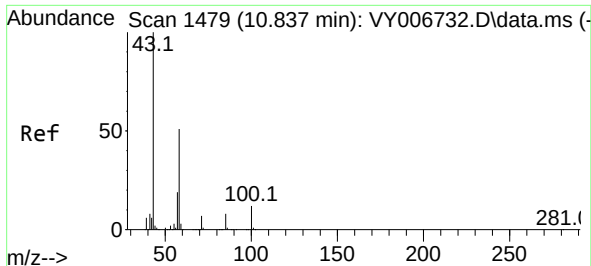
Tgt Ion:117 Resp: 11263
Ion Ratio Lower Upper
117 100
119 5.5 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 50.046 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006807.D
Acq: 18 Nov 2021 14:44

Tgt Ion: 98 Resp: 244087
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3

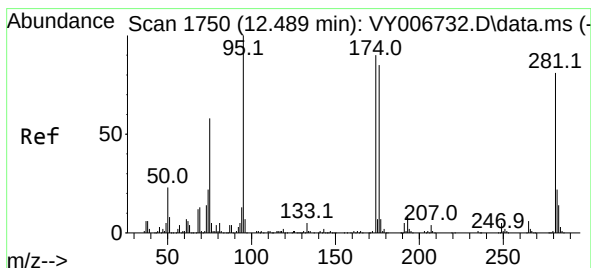
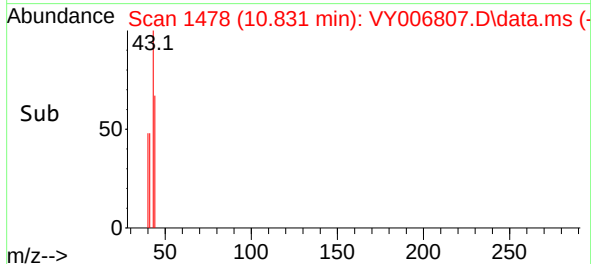
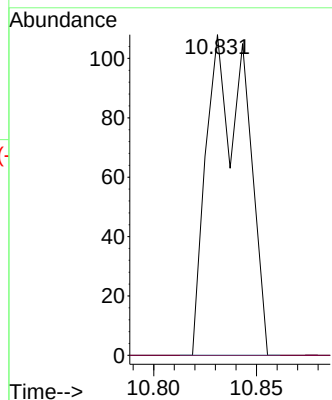
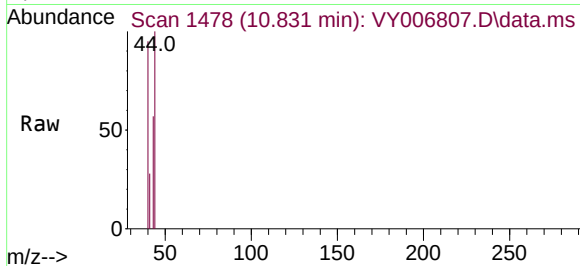




#59
2-Hexanone
Concen: 23.946 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY006807.D
Acq: 18 Nov 2021 14:44

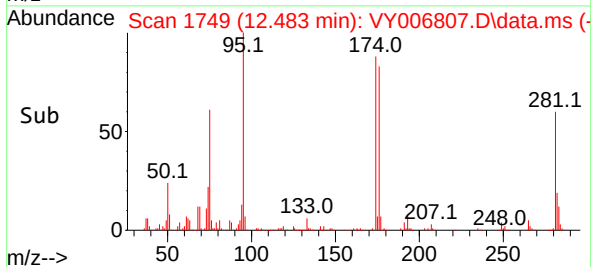
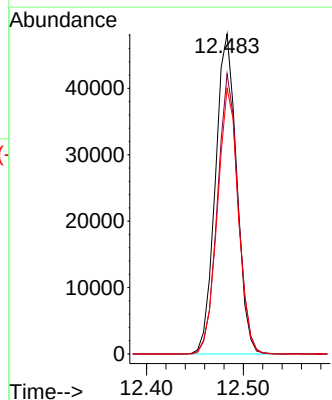
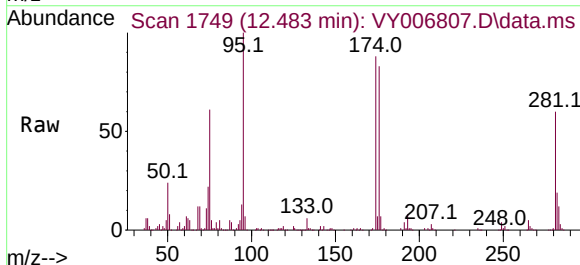
Instrument :
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ClientSampleId :
1-COMP

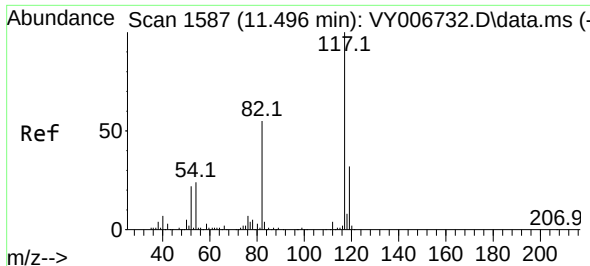
Tgt Ion: 43 Resp: 145
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 44.795 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006807.D
Acq: 18 Nov 2021 14:44

Tgt Ion: 95 Resp: 73652
Ion Ratio Lower Upper
95 100
174 84.6 0.0 177.0
176 81.1 0.0 169.4

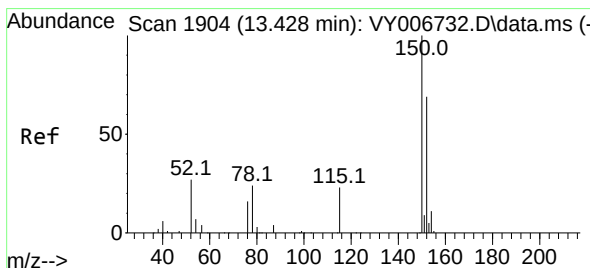
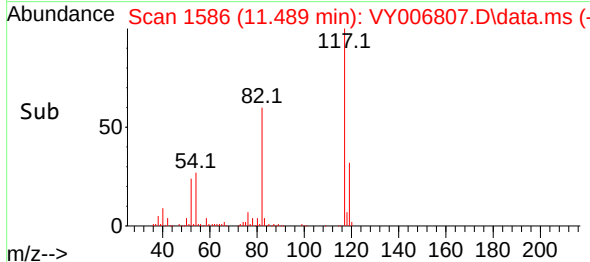
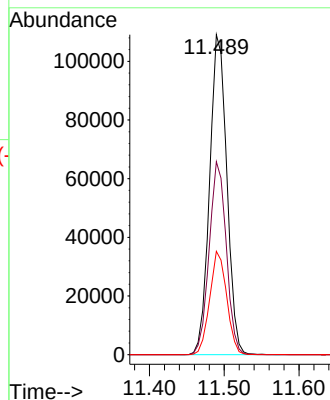
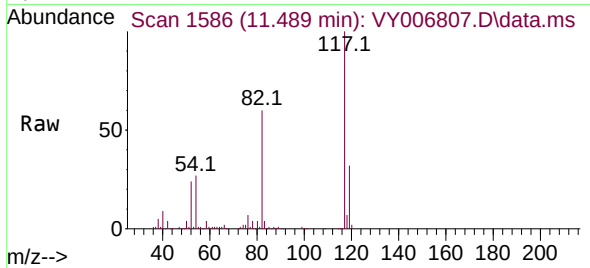




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006807.D
Acq: 18 Nov 2021 14:44

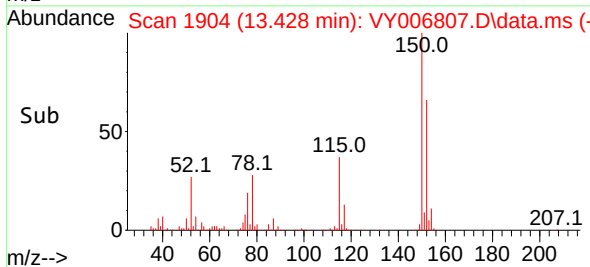
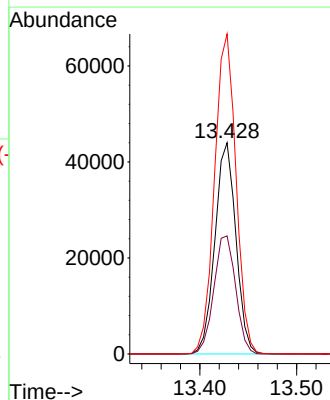
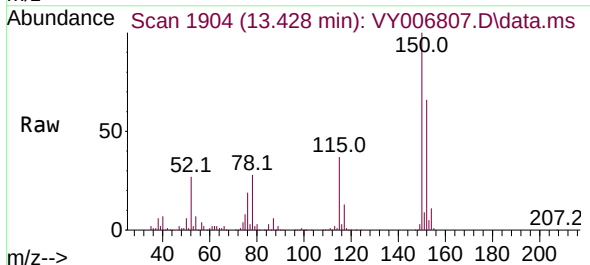
Instrument :
MSVOA_Y
ClientSampleId :
1-COMP

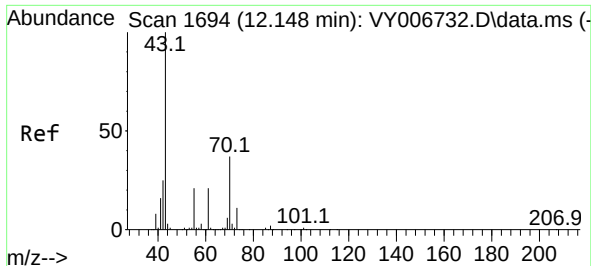
Tgt Ion:117 Resp: 175055
Ion Ratio Lower Upper
117 100
82 60.3 45.7 68.5
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006807.D
Acq: 18 Nov 2021 14:44

Tgt Ion:152 Resp: 66291
Ion Ratio Lower Upper
152 100
115 58.2 28.5 85.5
150 154.5 0.0 348.2

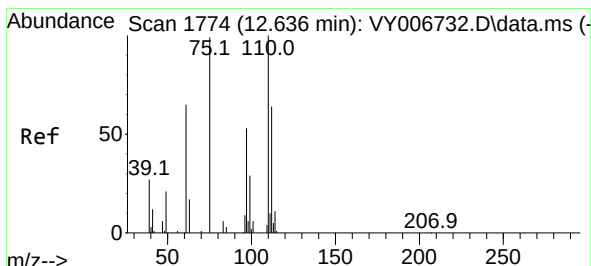
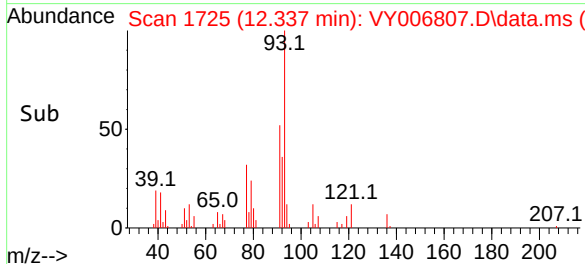
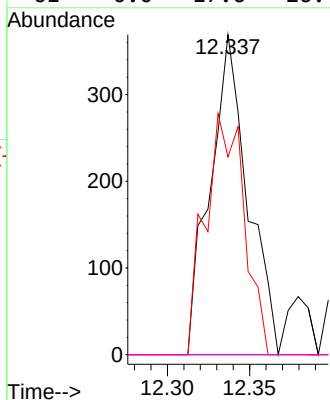
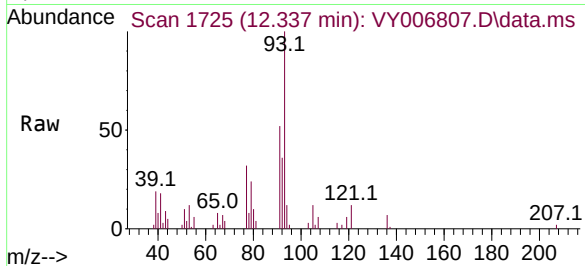




#74
N-amy1 acetate
Concen: 3.457 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.189 min
Lab File: VY006807.D
Acq: 18 Nov 2021 14:44

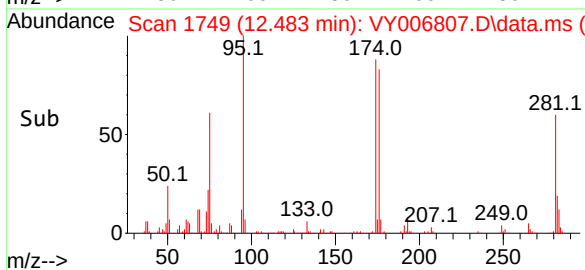
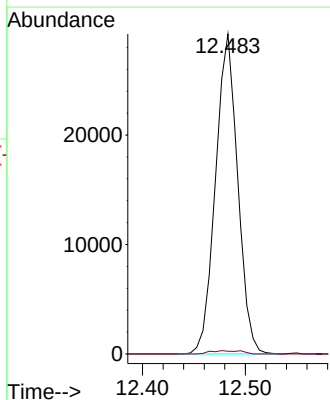
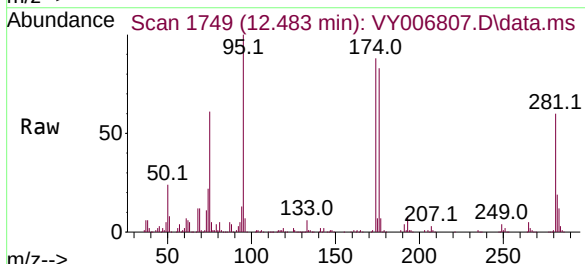
Instrument :
MSVOA_Y
ClientSampleId :
1-COMP

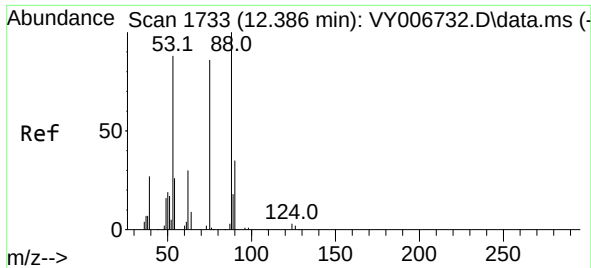
Tgt Ion: 43	Resp: 589
Ion Ratio	Lower Upper
43 100	
70 0.0	29.4 44.0#
55 77.4	18.1 27.1#
61 0.0	17.6 26.4#



#76
1,2,3-Trichloropropane
Concen: 60.794 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006807.D
Acq: 18 Nov 2021 14:44

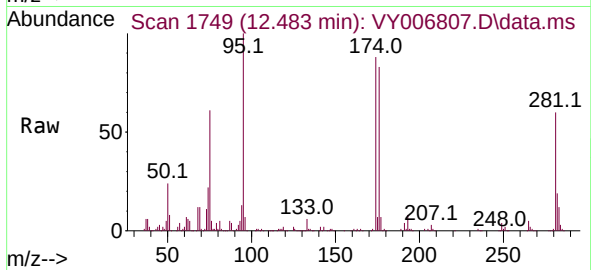
Tgt Ion: 75	Resp: 43816
Ion Ratio	Lower Upper
75 100	
77 1.4	0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 120.461 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY006807.D
 Acq: 18 Nov 2021 14:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 1-COMP



Tgt Ion: 75 Resp: 43816
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.8 128.6#
 89 0.8 39.3 58.9#

