

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111721\
 Data File : VY006794.D
 Acq On : 17 Nov 2021 18:15
 Operator : SY/MD
 Sample : M4707-09
 Misc : 4.28G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1-COMP

Quant Time: Nov 18 03:03:13 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)

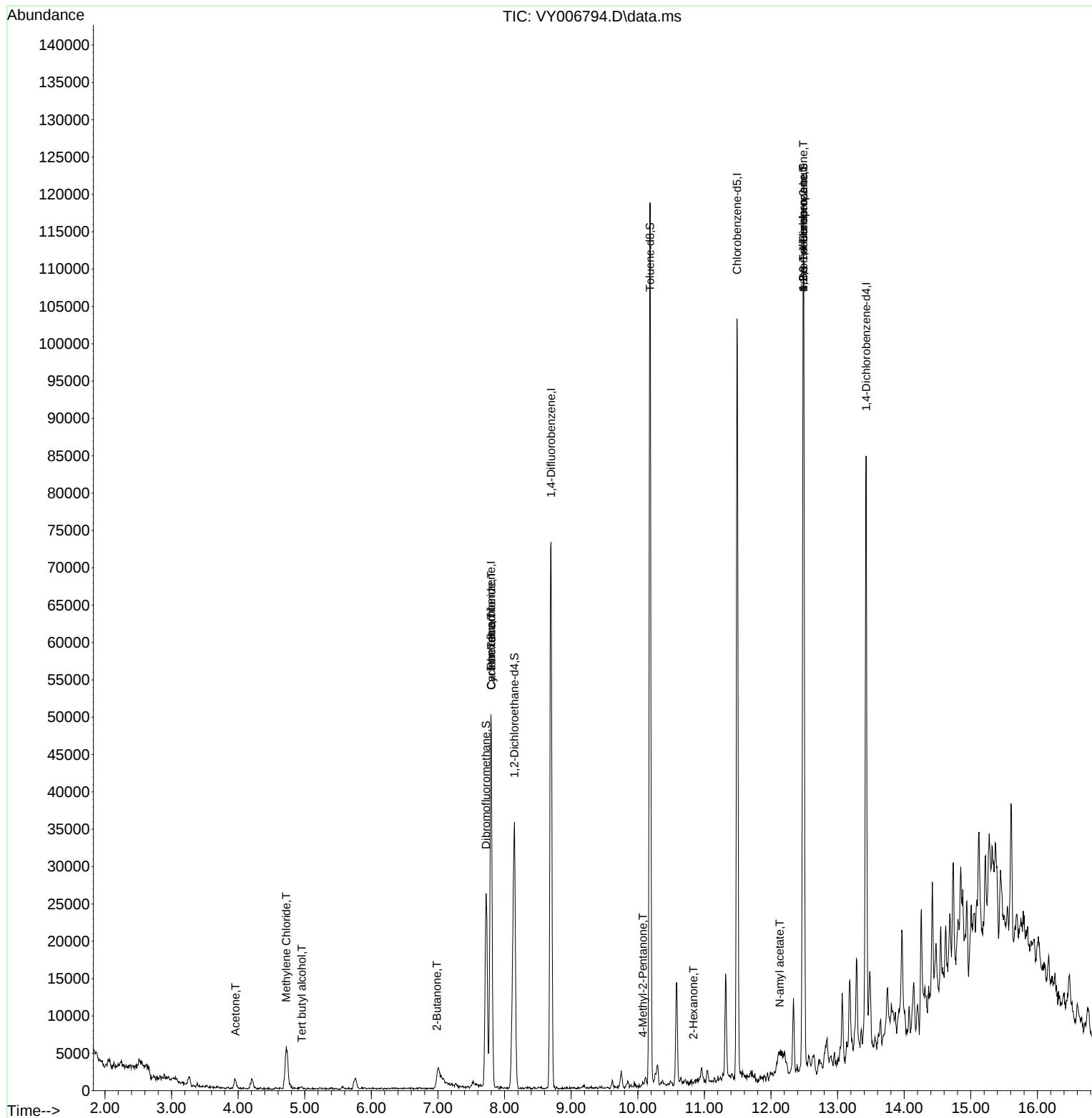
Internal Standards						
1) Pentafluorobenzene	7.795	168	35867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	58263	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	49165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	18194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	24706	52.557	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.120%	
35) Dibromofluoromethane	7.722	113	17841	49.853	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.700%	
50) Toluene-d8	10.185	98	73701	49.767	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.540%	
62) 4-Bromofluorobenzene	12.483	95	20352	40.765	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 81.520%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	362	5.121	ug/l #	86
16) Acetone	3.960	43	2042	14.297	ug/l	96
20) Methylene Chloride	4.723	84	3645	5.503	ug/l	91
25) 2-Butanone	6.984	43	139	12.139	ug/l #	52
31) Cyclohexane	7.801	56	966	1.169	ug/l #	22
38) Carbon Tetrachloride	7.801	117	3493	5.392	ug/l #	15
51) 4-Methyl-2-Pentanone	10.075	43	503	1.202	ug/l #	76
59) 2-Hexanone	10.837	43	65	24.008	ug/l #	28
74) N-amyl acetate	12.130	43	164	3.461	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	12351	62.439	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	12351	123.721	ug/l #	7

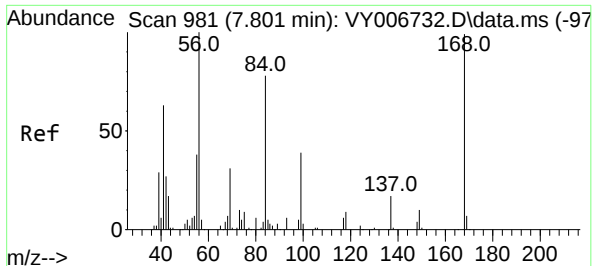
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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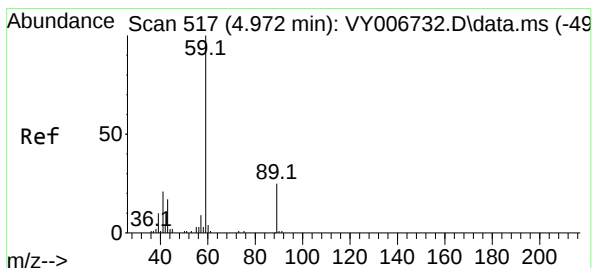
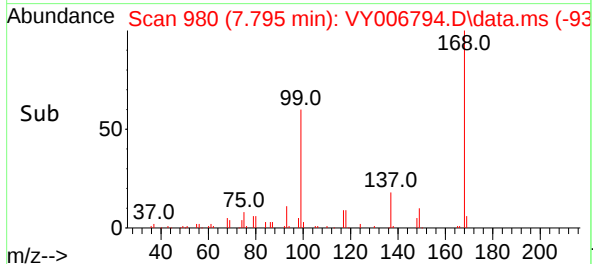
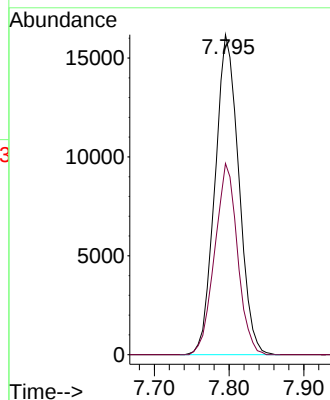
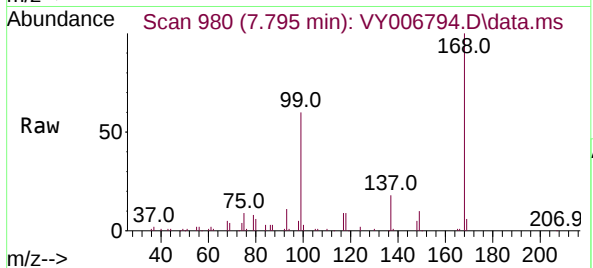




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006794.D
Acq: 17 Nov 2021 18:15

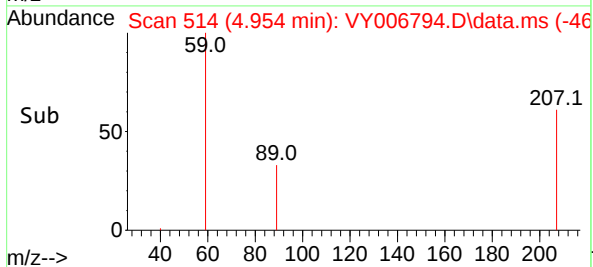
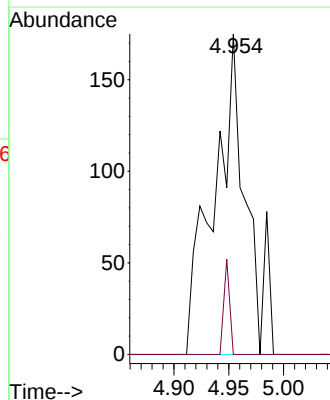
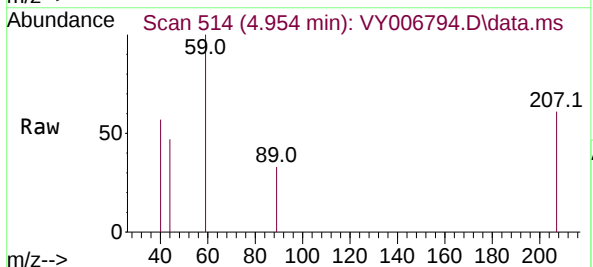
Instrument :
MSVOA_Y
ClientSampleId :
1-COMP

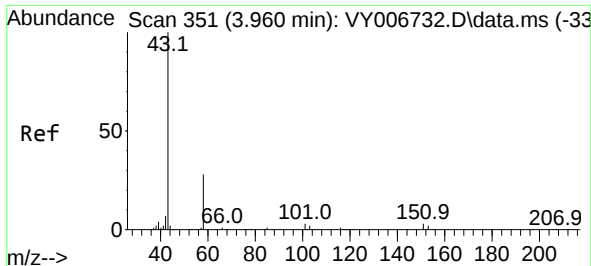
Tgt Ion:168 Resp: 35867
Ion Ratio Lower Upper
168 100
99 59.7 44.8 67.2



#11
Tert butyl alcohol
Concen: 5.121 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY006794.D
Acq: 17 Nov 2021 18:15

Tgt Ion: 59 Resp: 362
Ion Ratio Lower Upper
59 100
57 5.2 8.2 12.4#

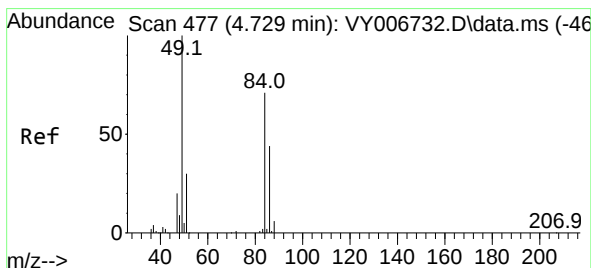
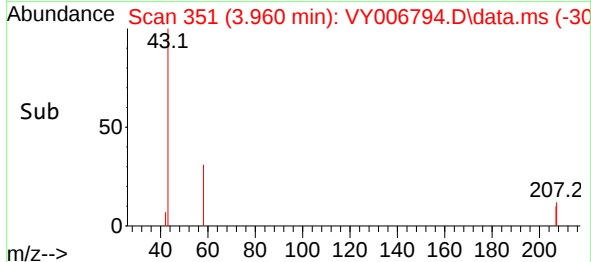
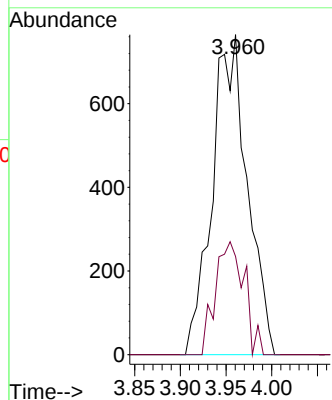
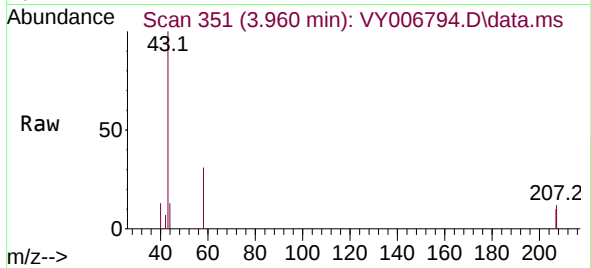




#16
Acetone
Concen: 14.297 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY006794.D
Acq: 17 Nov 2021 18:15

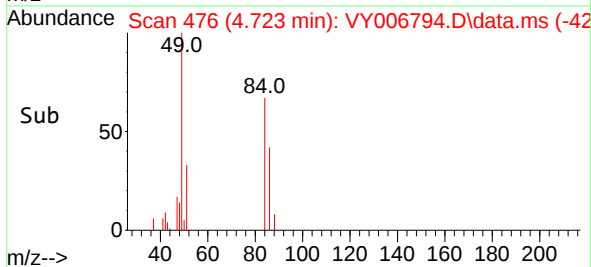
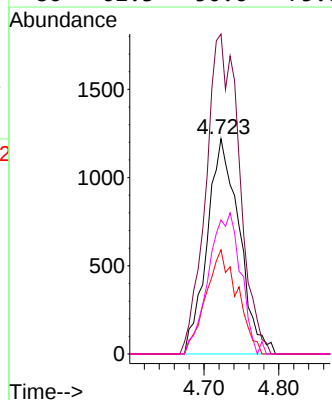
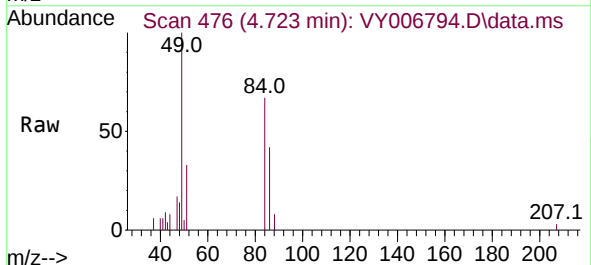
Instrument :
MSVOA_Y
ClientSampleId :
1-COMP

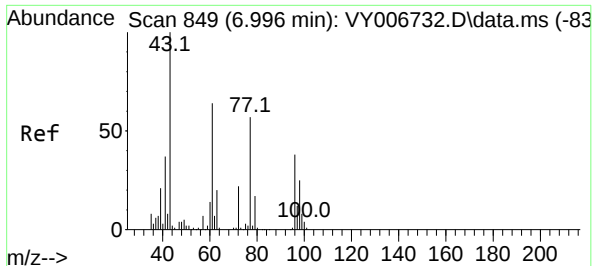
Tgt Ion: 43 Resp: 2042
Ion Ratio Lower Upper
43 100
58 30.7 22.9 34.3



#20
Methylene Chloride
Concen: 5.503 ug/l
RT: 4.723 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY006794.D
Acq: 17 Nov 2021 18:15

Tgt Ion: 84 Resp: 3645
Ion Ratio Lower Upper
84 100
49 148.7 107.8 161.8
51 48.4 32.8 49.2
86 62.3 50.6 75.8





#25

2-Butanone

Concen: 12.139 ug/l

RT: 6.984 min Scan# 849

Delta R.T. -0.012 min

Lab File: VY006794.D

Acq: 17 Nov 2021 18:15

Instrument :

MSVOA_Y

ClientSampleId :

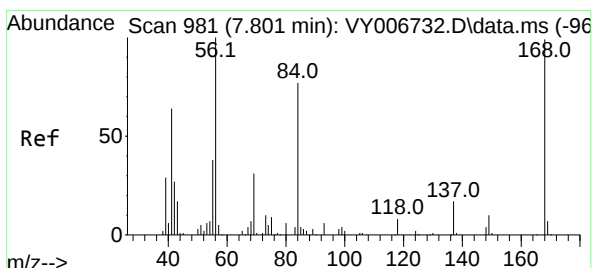
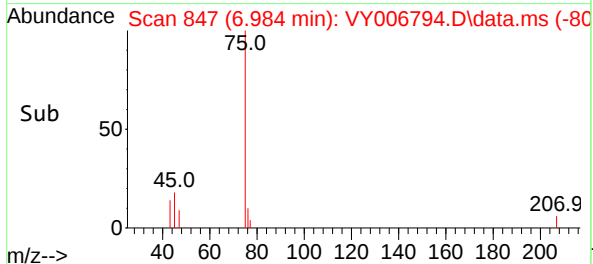
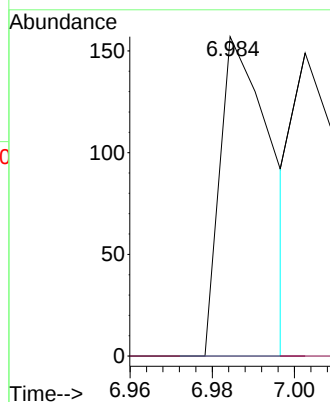
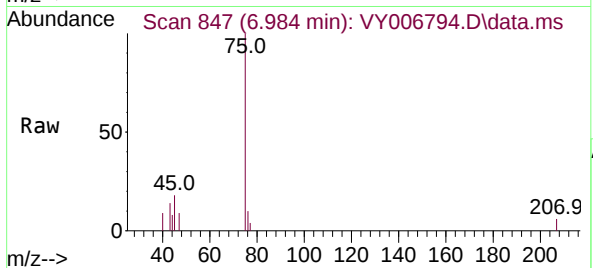
1-COMP

Tgt Ion: 43 Resp: 139

Ion Ratio Lower Upper

43 100

72 0.0 18.9 28.3#



#31

Cyclohexane

Concen: 1.169 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY006794.D

Acq: 17 Nov 2021 18:15

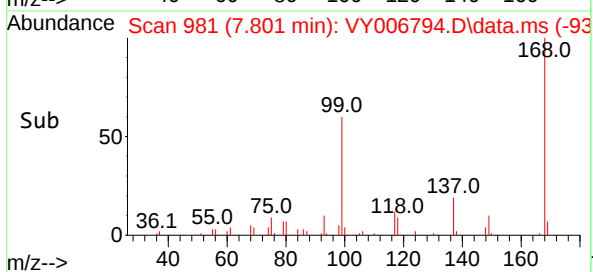
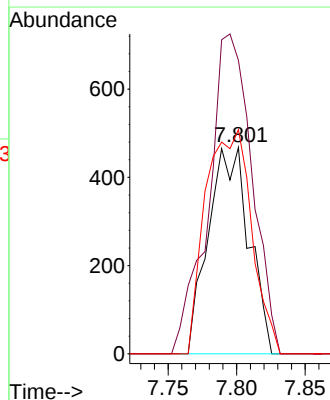
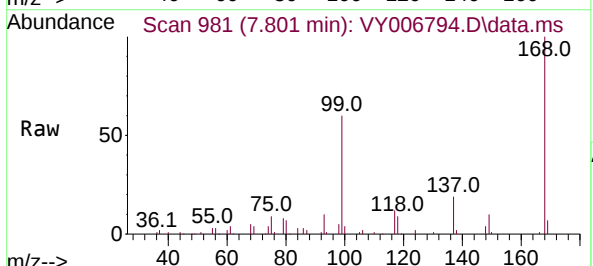
Tgt Ion: 56 Resp: 966

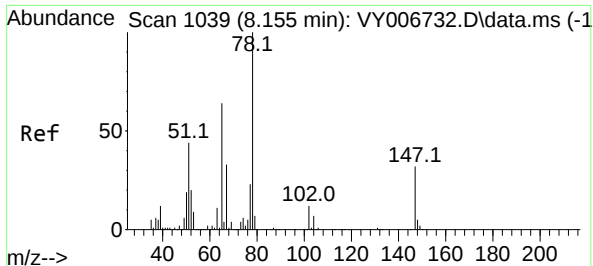
Ion Ratio Lower Upper

56 100

69 142.1 26.6 40.0#

84 108.5 65.0 97.4#





#33

1,2-Dichloroethane-d4

Concen: 52.557 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY006794.D

Acq: 17 Nov 2021 18:15

Instrument :

MSVOA_Y

ClientSampleId :

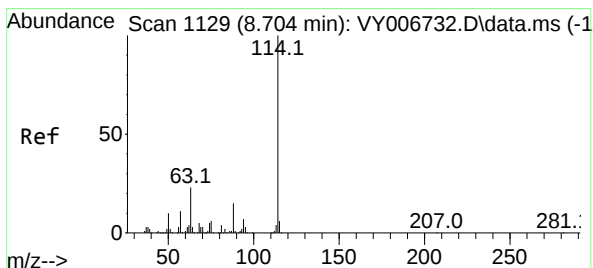
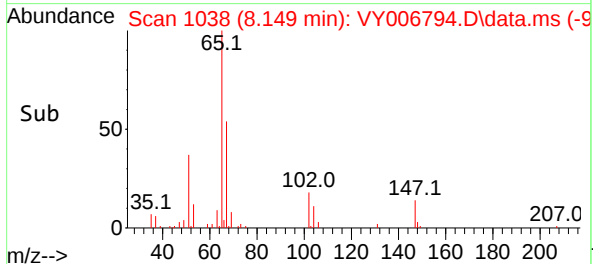
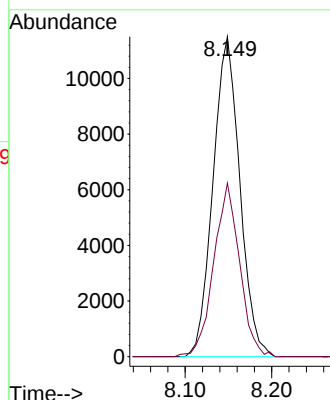
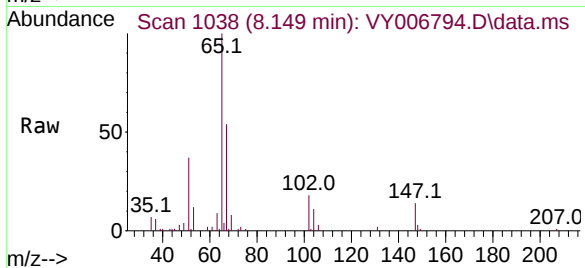
1-COMP

Tgt Ion: 65 Resp: 24706

Ion Ratio Lower Upper

65 100

67 52.4 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: VY006794.D

Acq: 17 Nov 2021 18:15

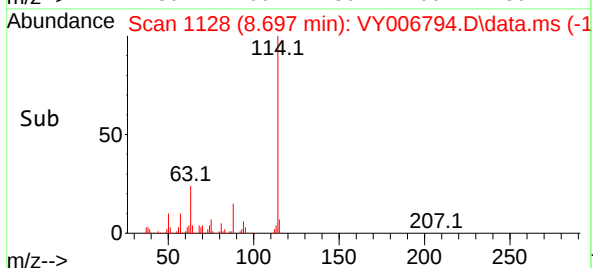
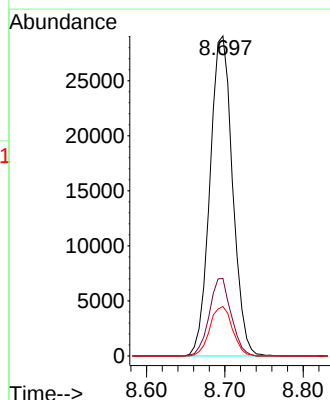
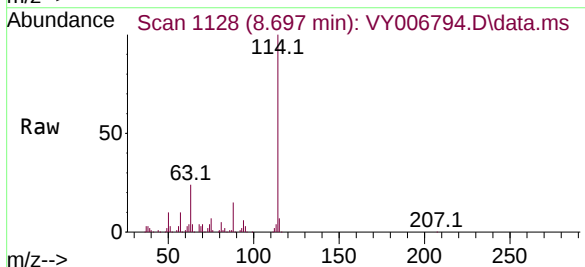
Tgt Ion: 114 Resp: 58263

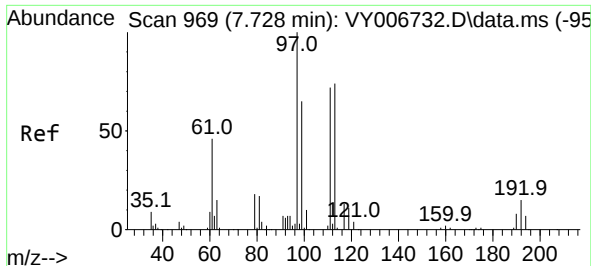
Ion Ratio Lower Upper

114 100

63 24.2 0.0 45.0

88 15.4 0.0 30.6

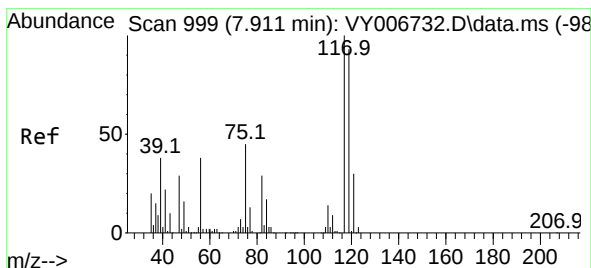
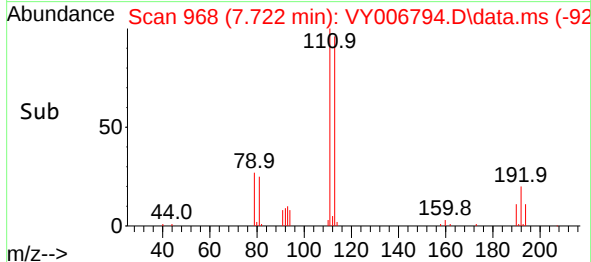
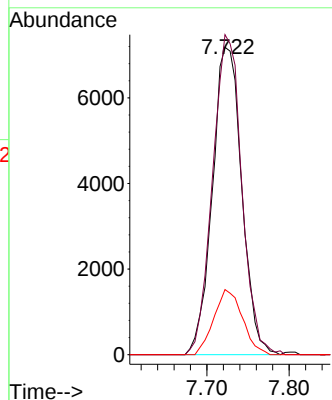
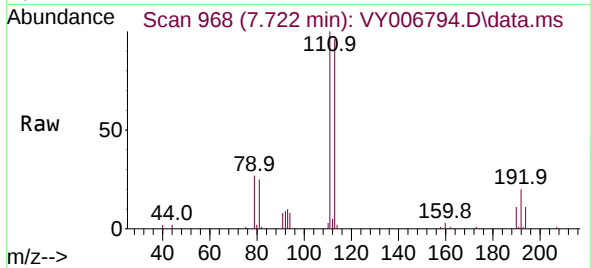




#35
Dibromofluoromethane
Concen: 49.853 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY006794.D
Acq: 17 Nov 2021 18:15

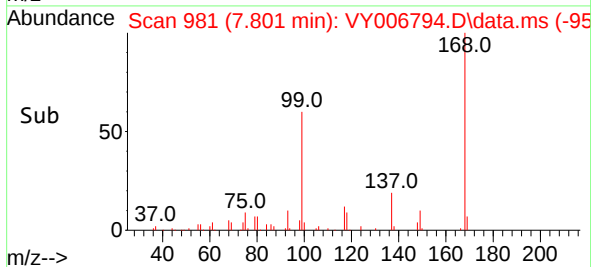
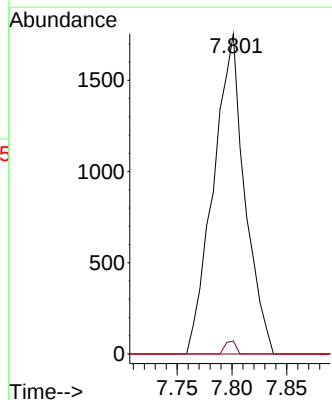
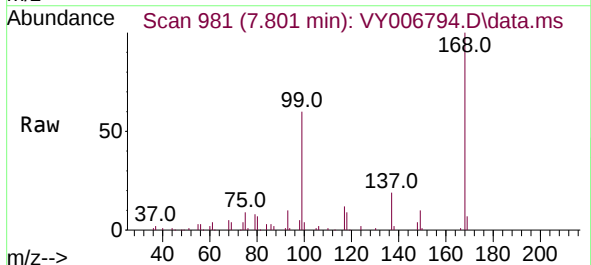
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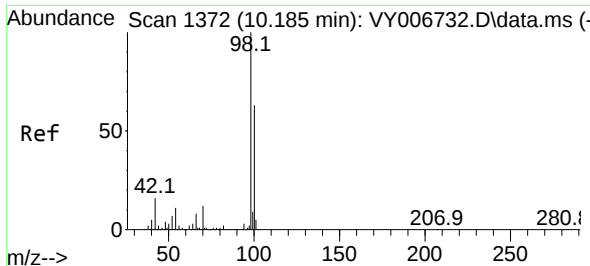
Tgt Ion:113 Resp: 17841
Ion Ratio Lower Upper
113 100
111 103.2 82.3 123.5
192 20.6 17.4 26.2



#38
Carbon Tetrachloride
Concen: 5.392 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY006794.D
Acq: 17 Nov 2021 18:15

Tgt Ion:117 Resp: 3493
Ion Ratio Lower Upper
117 100
119 4.0 76.6 115.0#
121 0.0 24.7 37.1#

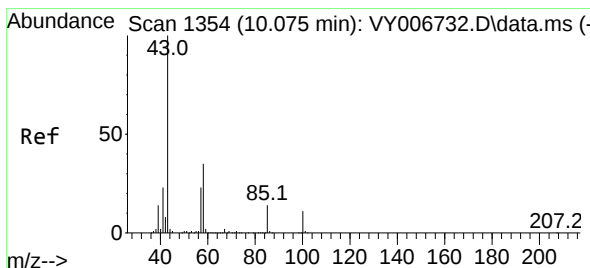
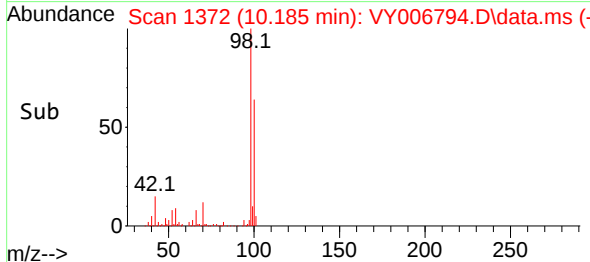
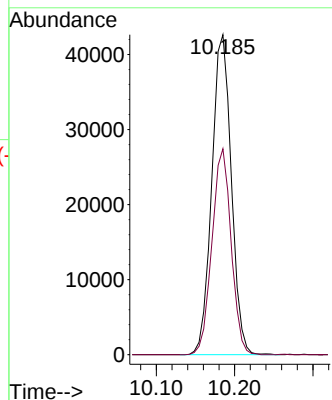
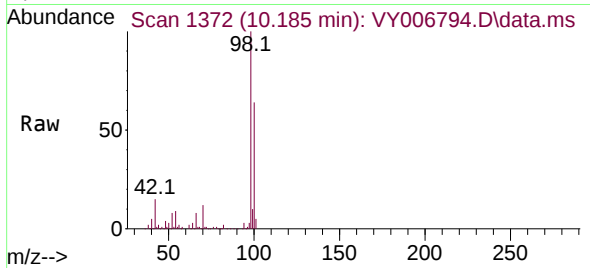




#50
Toluene-d8
Concen: 49.767 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006794.D
Acq: 17 Nov 2021 18:15

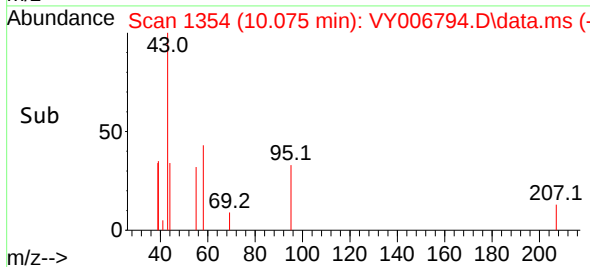
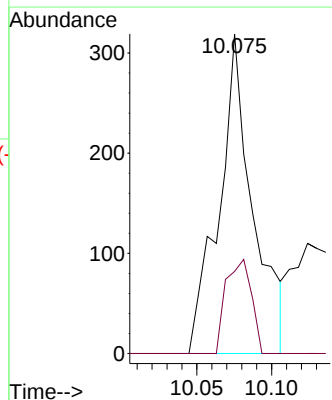
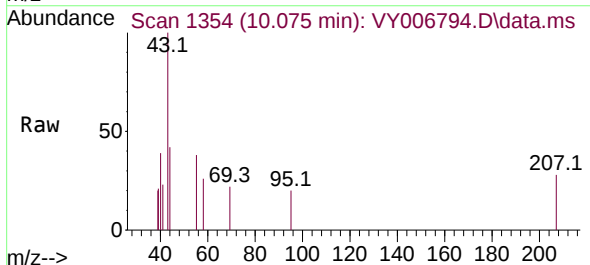
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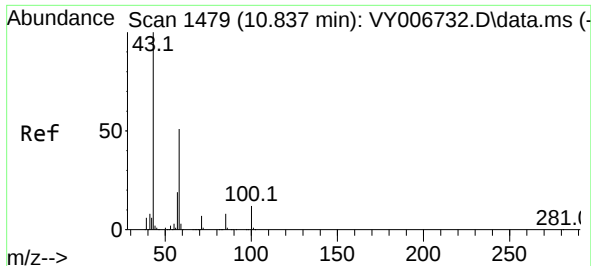
Tgt Ion: 98 Resp: 73701
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.202 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY006794.D
Acq: 17 Nov 2021 18:15

Tgt Ion: 43 Resp: 503
Ion Ratio Lower Upper
43 100
58 22.1 28.7 43.1#

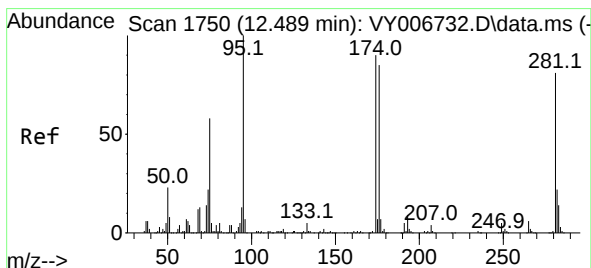
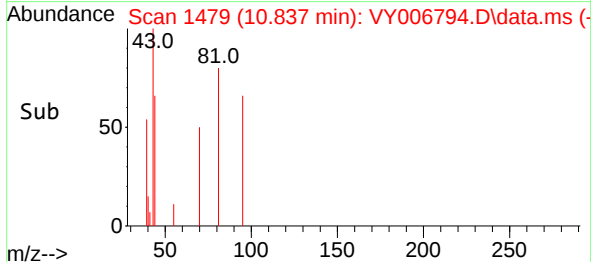
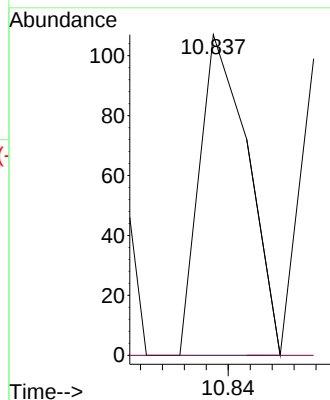
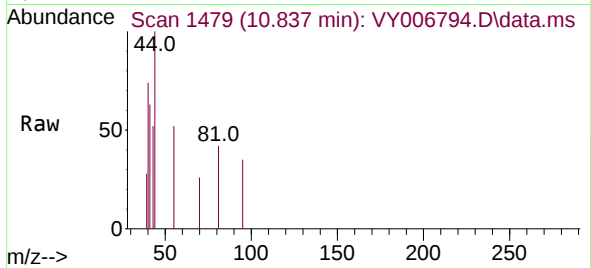




#59
2-Hexanone
Concen: 24.008 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY006794.D
Acq: 17 Nov 2021 18:15

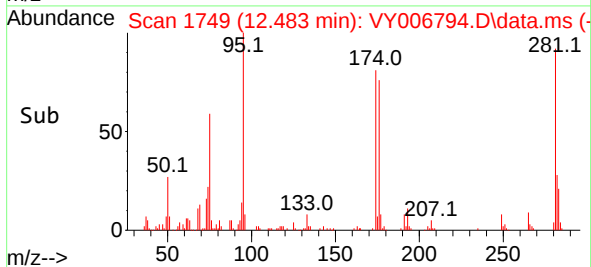
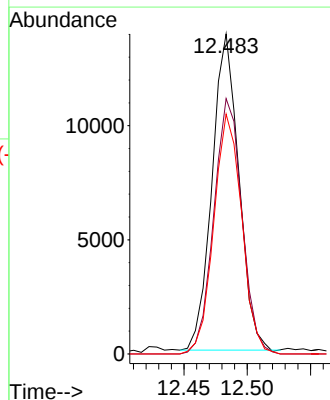
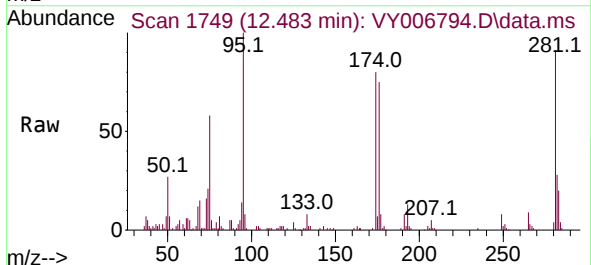
Instrument :
MSVOA_Y
ClientSampleId :
1-COMP

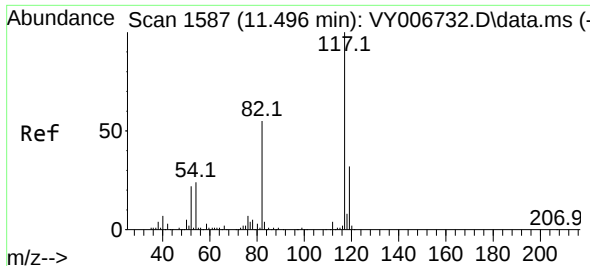
Tgt Ion: 43 Resp: 65
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 40.765 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006794.D
Acq: 17 Nov 2021 18:15

Tgt Ion: 95 Resp: 20352
Ion Ratio Lower Upper
95 100
174 84.6 0.0 177.0
176 79.1 0.0 169.4

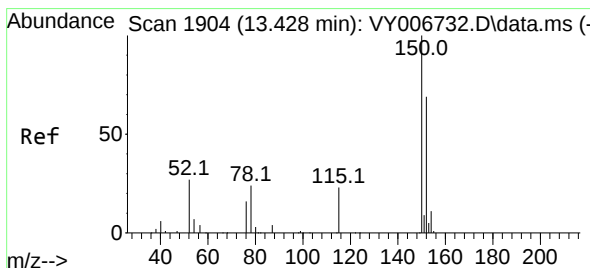
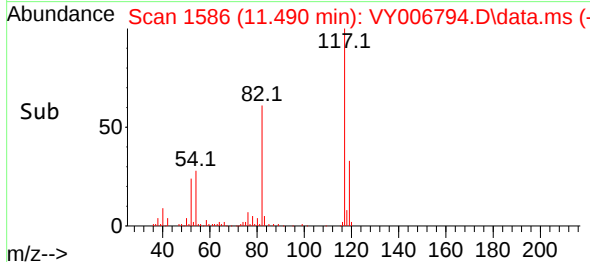
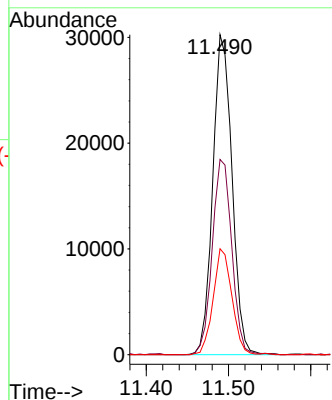
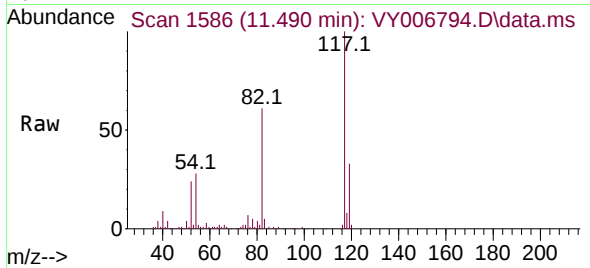




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006794.D
Acq: 17 Nov 2021 18:15

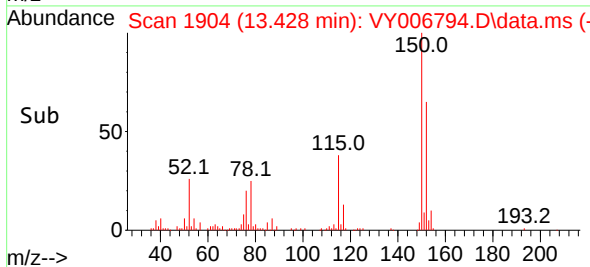
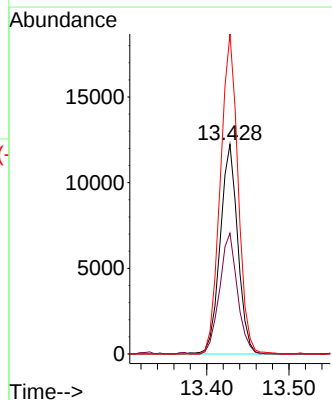
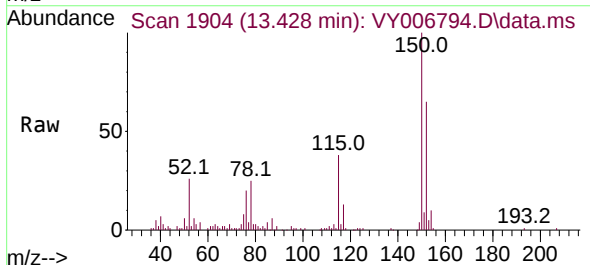
Instrument :
MSVOA_Y
ClientSampleId :
1-COMP

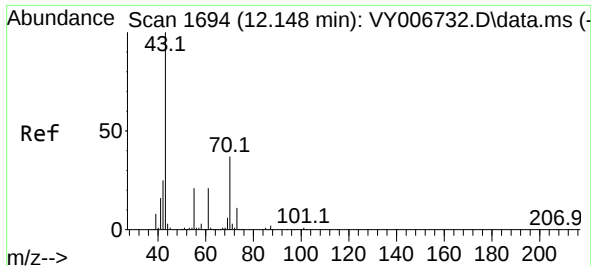
Tgt Ion	Ratio	Lower	Upper
117	100		
82	61.0	45.7	68.5
119	33.1	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006794.D
Acq: 17 Nov 2021 18:15

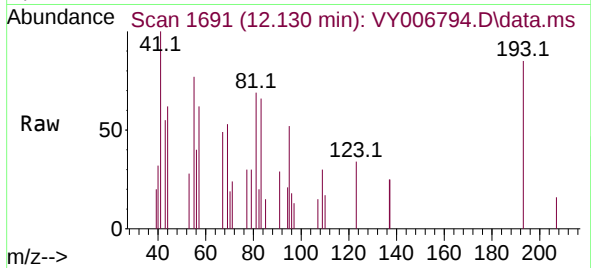
Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.5	28.5	85.5
150	153.2	0.0	348.2



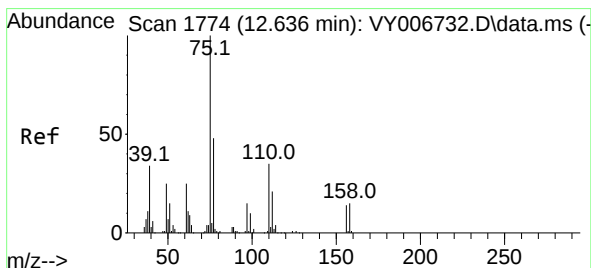
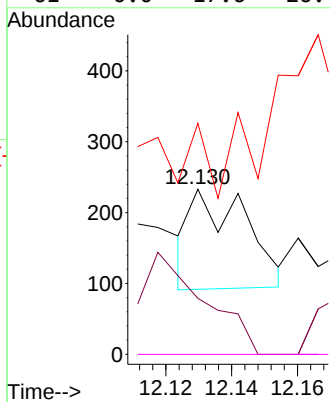
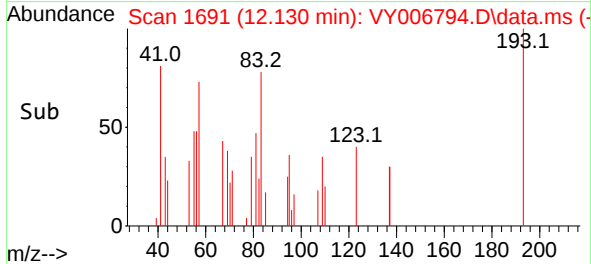


#74
N-amy1 acetate
Concen: 3.461 ug/l
RT: 12.130 min Scan# 1694
Delta R.T. -0.018 min
Lab File: VY006794.D
Acq: 17 Nov 2021 18:15

Instrument :
MSVOA_Y
ClientSampleId :
1-COMP

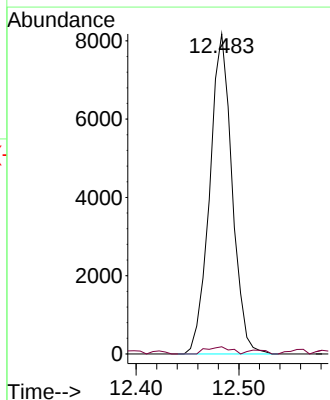
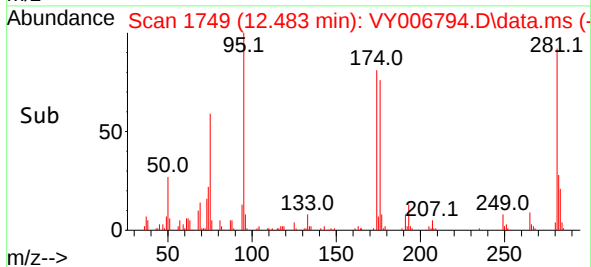
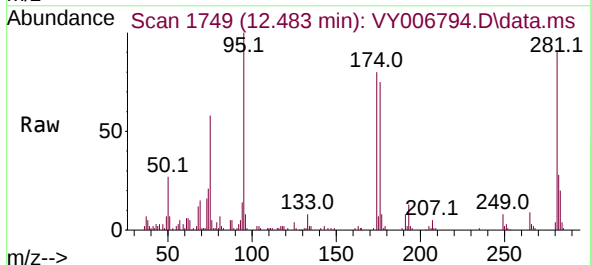


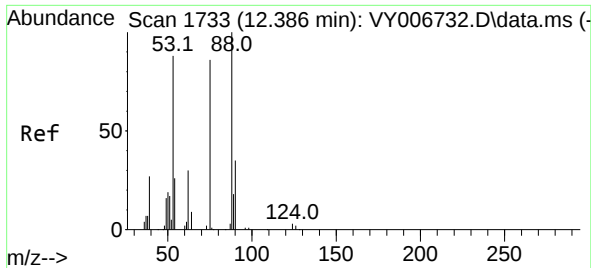
Tgt Ion: 43	Resp: 164
Ion Ratio	Lower Upper
43 100	
70 181.7	29.4 44.0#
55 63.4	18.1 27.1#
61 0.0	17.6 26.4#



#76
1,2,3-Trichloropropane
Concen: 62.439 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006794.D
Acq: 17 Nov 2021 18:15

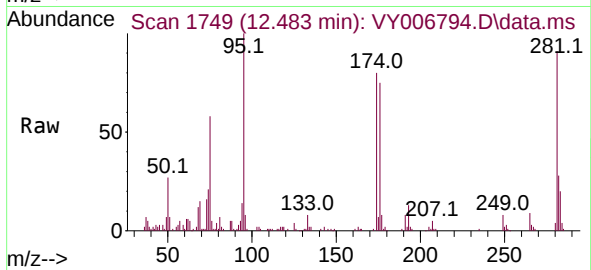
Tgt Ion: 75	Resp: 12351
Ion Ratio	Lower Upper
75 100	
77 2.4	0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 123.721 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY006794.D
Acq: 17 Nov 2021 18:15

Instrument :
MSVOA_Y
ClientSampleId :
1-COMP



Tgt Ion:	75	Resp:	12351
Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.8	128.6#
89	0.8	39.3	58.9#

