

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111621\
 Data File : VY006774.D
 Acq On : 16 Nov 2021 20:10
 Operator : SY/MD
 Sample : M4562-02RE
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T-1ARE

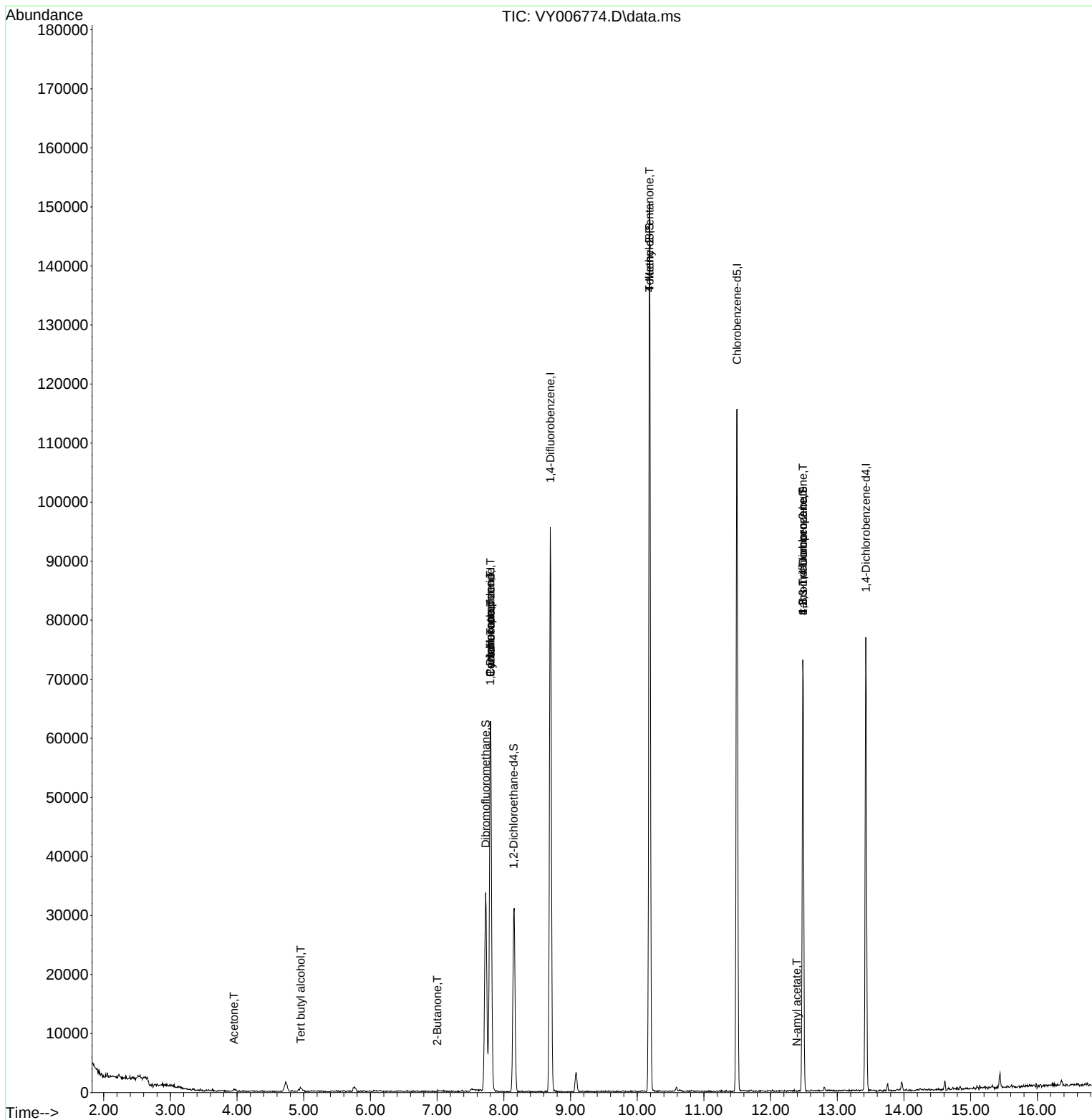
Quant Time: Nov 17 04:09:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

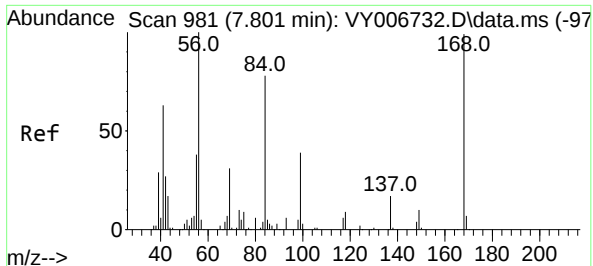
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	47685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	77542	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	57634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	18099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	25887	41.421	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.840%
35) Dibromofluoromethane	7.728	113	21973	46.133	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.260%
50) Toluene-d8	10.185	98	91417	46.382	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.760%
62) 4-Bromofluorobenzene	12.483	95	20767	31.254	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	62.500%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	1255	13.353	ug/l #	81
16) Acetone	3.954	43	595	3.134	ug/l #	79
20) Methylene Chloride	4.729	84	1157	Below Cal	#	90
25) 2-Butanone	7.002	43	20	11.569	ug/l #	52
31) Cyclohexane	7.801	56	1279	1.164	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	4002	4.748	ug/l #	49
38) Carbon Tetrachloride	7.801	117	4480	5.197	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	576	1.034	ug/l #	1
74) N-amyl acetate	12.392	43	18	3.189	ug/l #	47
76) 1,2,3-Trichloropropane	12.483	75	12007	61.019	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	12007	120.907	ug/l #	7

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

Quant Time: Nov 17 04:09:47 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

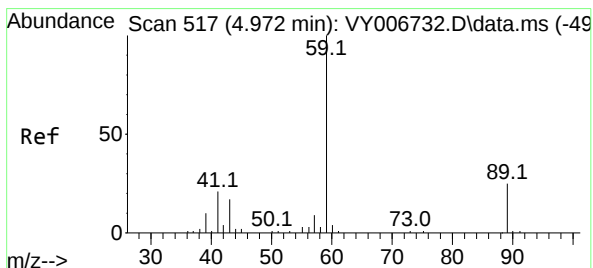
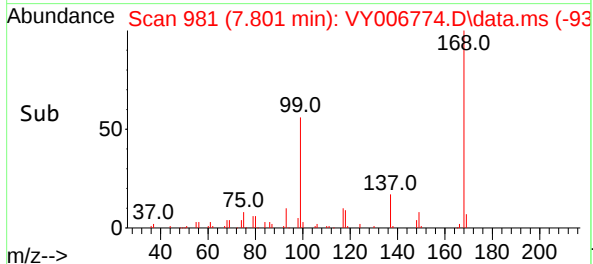
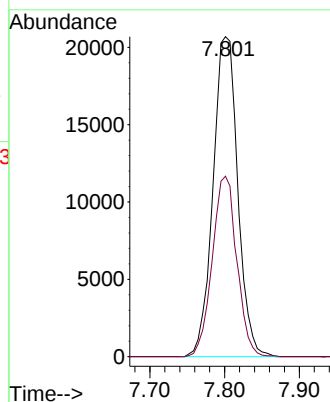
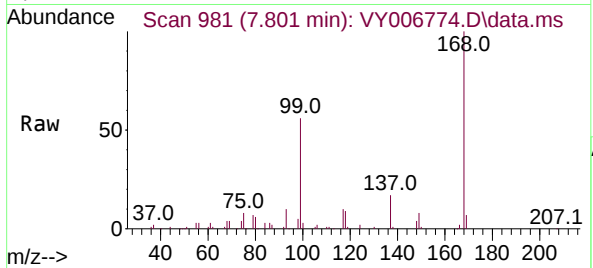




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006774.D
Acq: 16 Nov 2021 20:10

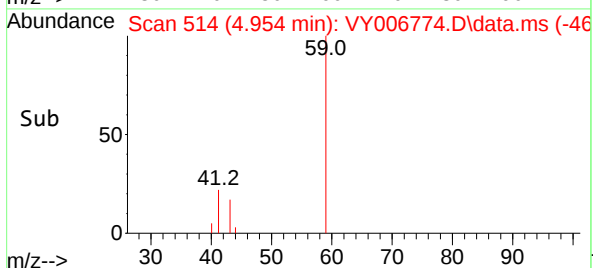
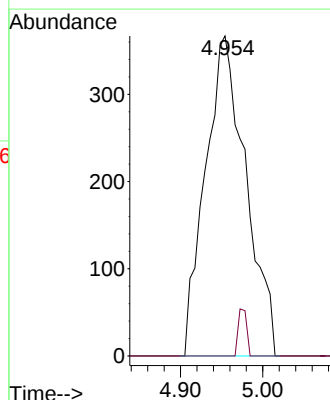
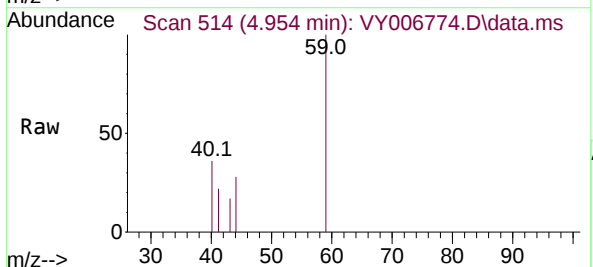
Instrument :
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T-1ARE

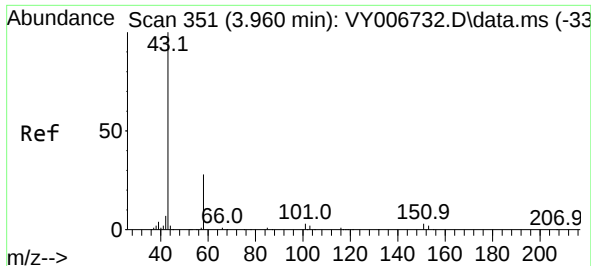
Tgt Ion:168 Resp: 47685
Ion Ratio Lower Upper
168 100
99 56.4 44.8 67.2



#11
Tert butyl alcohol
Concen: 13.353 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY006774.D
Acq: 16 Nov 2021 20:10

Tgt Ion: 59 Resp: 1255
Ion Ratio Lower Upper
59 100
57 3.1 8.2 12.4#

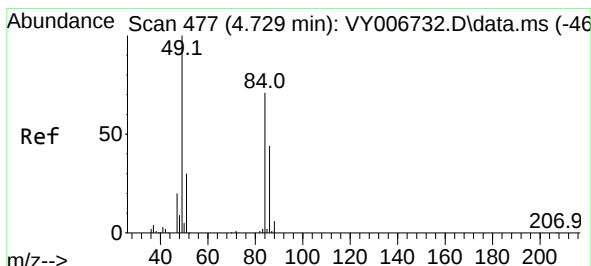
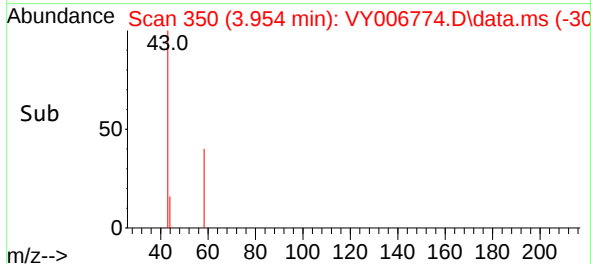
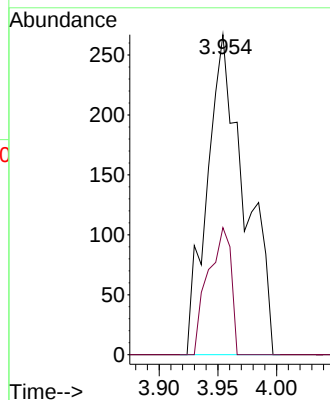
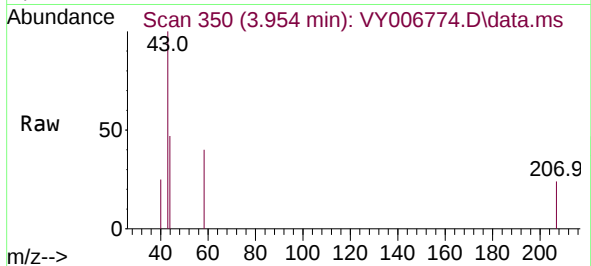




#16
Acetone
Concen: 3.134 ug/l
RT: 3.954 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY006774.D
Acq: 16 Nov 2021 20:10

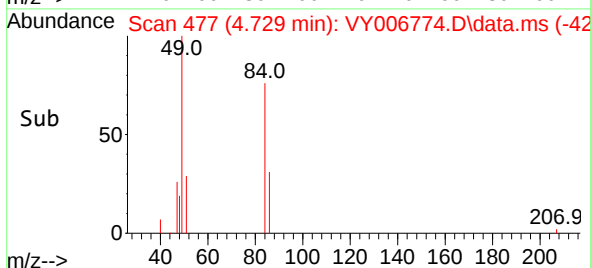
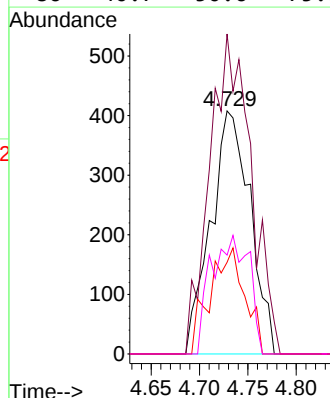
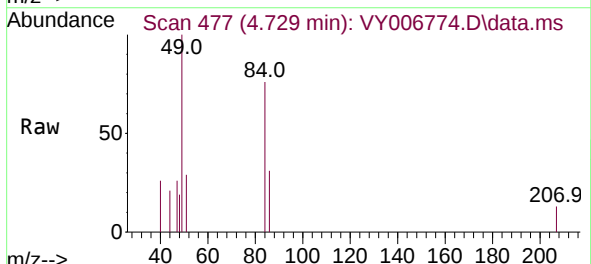
Instrument :
MSVOA_Y
ClientSampleId :
T-1ARE

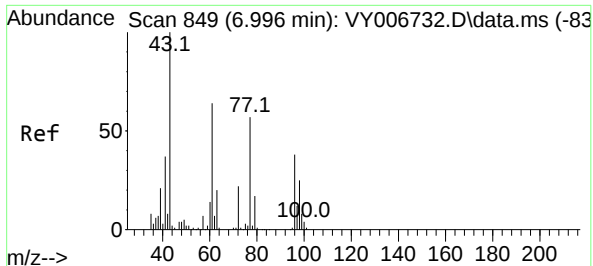
Tgt Ion: 43 Resp: 595
Ion Ratio Lower Upper
43 100
58 39.7 22.9 34.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY006774.D
Acq: 16 Nov 2021 20:10

Tgt Ion: 84 Resp: 1157
Ion Ratio Lower Upper
84 100
49 131.6 107.8 161.8
51 37.7 32.8 49.2
86 40.7 50.6 75.8#





#25

2-Butanone

Concen: 11.569 ug/l

RT: 7.002 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY006774.D

Acq: 16 Nov 2021 20:10

Instrument :

MSVOA_Y

ClientSampleId :

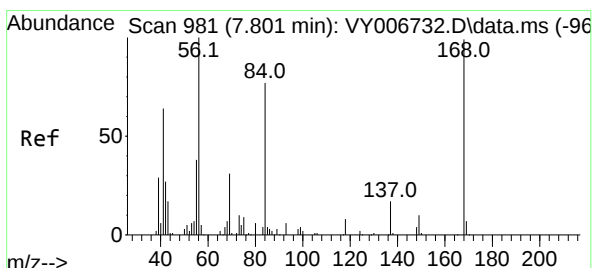
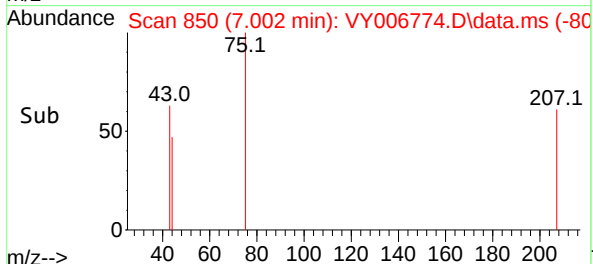
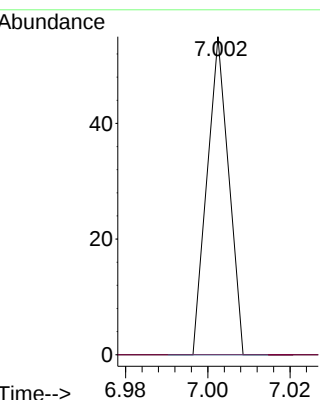
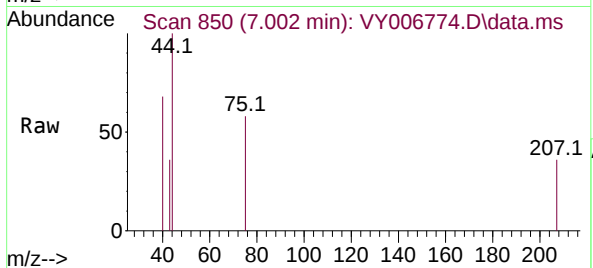
T-1ARE

Tgt Ion: 43 Resp: 20

Ion Ratio Lower Upper

43 100

72 0.0 18.9 28.3#



#31

Cyclohexane

Concen: 1.164 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY006774.D

Acq: 16 Nov 2021 20:10

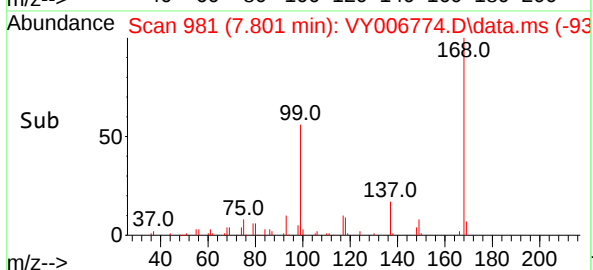
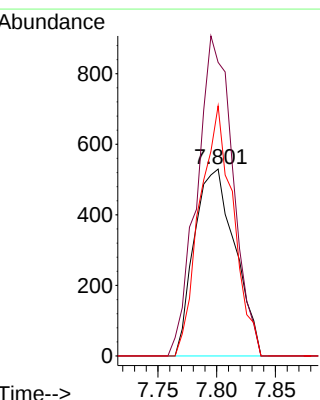
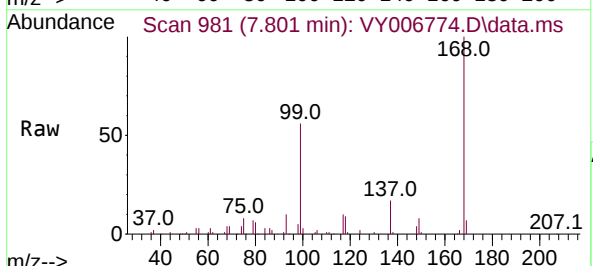
Tgt Ion: 56 Resp: 1279

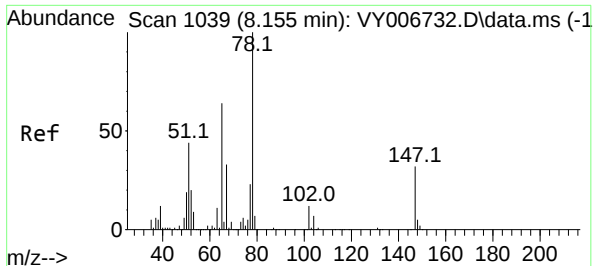
Ion Ratio Lower Upper

56 100

69 157.0 26.6 40.0#

84 133.8 65.0 97.4#





#33

1,2-Dichloroethane-d4

Concen: 41.421 ug/l

RT: 8.149 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY006774.D

Acq: 16 Nov 2021 20:10

Instrument :

MSVOA_Y

ClientSampleId :

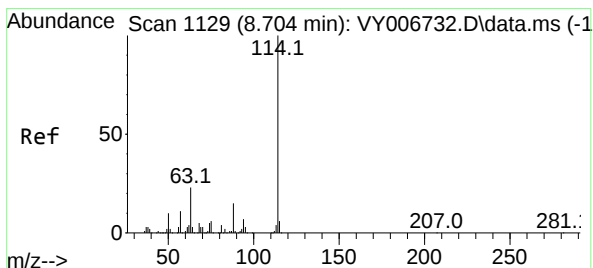
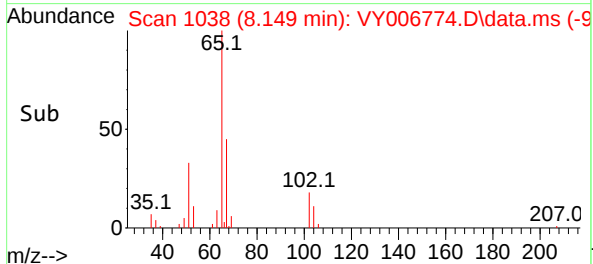
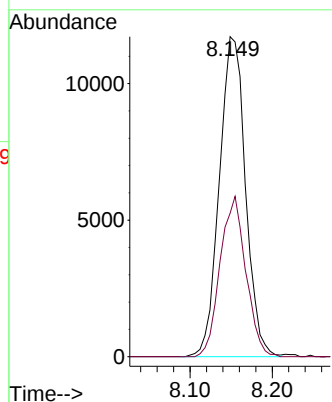
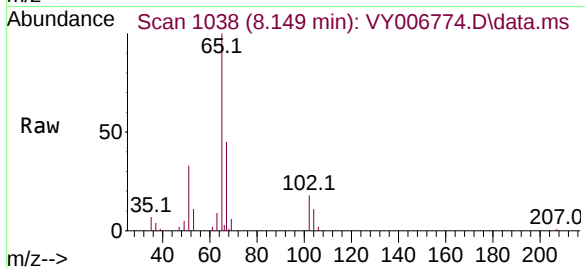
T-1ARE

Tgt Ion: 65 Resp: 25887

Ion Ratio Lower Upper

65 100

67 49.2 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: VY006774.D

Acq: 16 Nov 2021 20:10

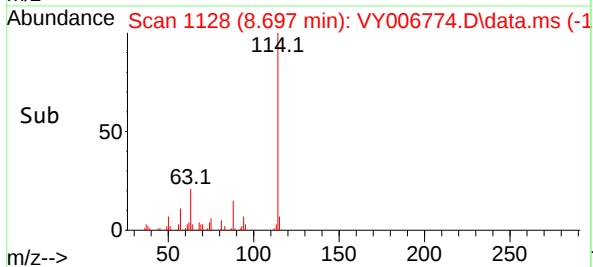
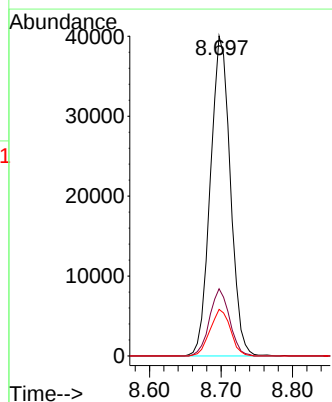
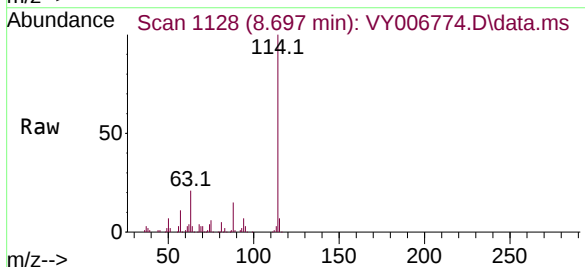
Tgt Ion: 114 Resp: 77542

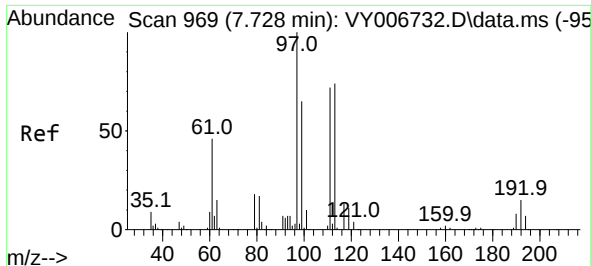
Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.0

88 14.5 0.0 30.6

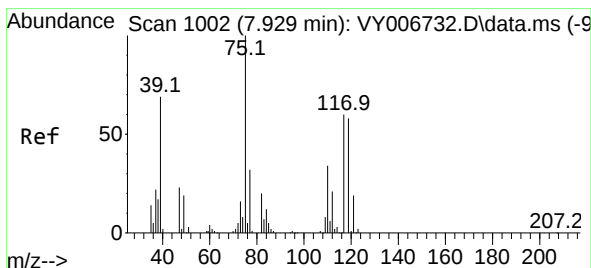
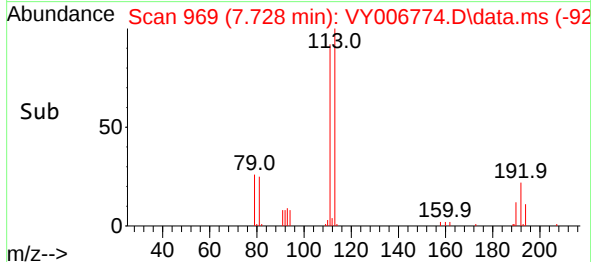
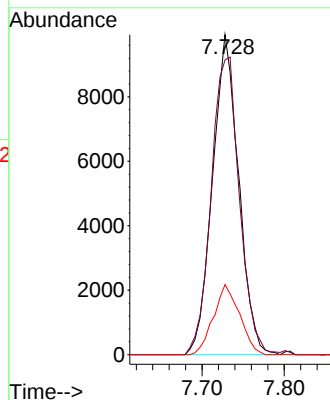
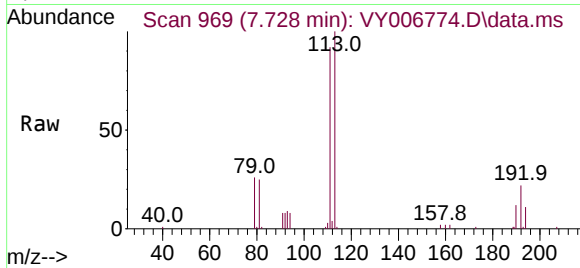




#35
Dibromofluoromethane
Concen: 46.133 ug/l
RT: 7.728 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006774.D
Acq: 16 Nov 2021 20:10

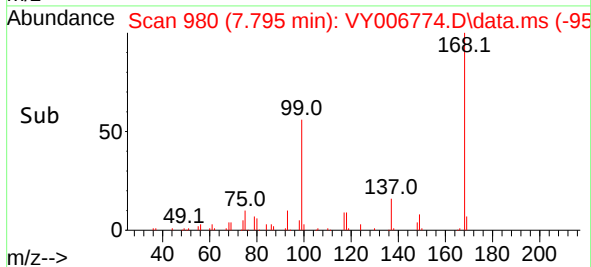
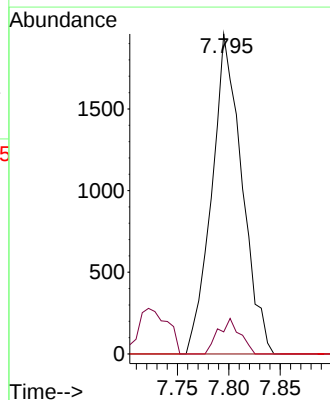
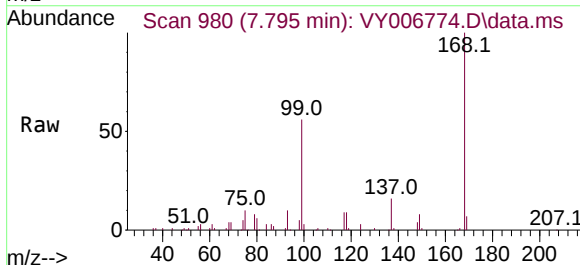
Instrument :
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ClientSampleId :
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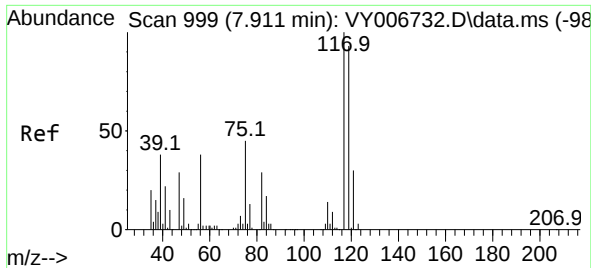
Tgt Ion:113 Resp: 21973
Ion Ratio Lower Upper
113 100
111 100.5 82.3 123.5
192 21.8 17.4 26.2



#36
1,1-Dichloropropene
Concen: 4.748 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY006774.D
Acq: 16 Nov 2021 20:10

Tgt Ion: 75 Resp: 4002
Ion Ratio Lower Upper
75 100
110 7.9 17.1 51.3#
77 0.0 24.9 37.3#

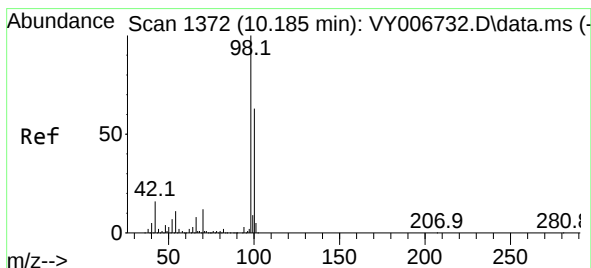
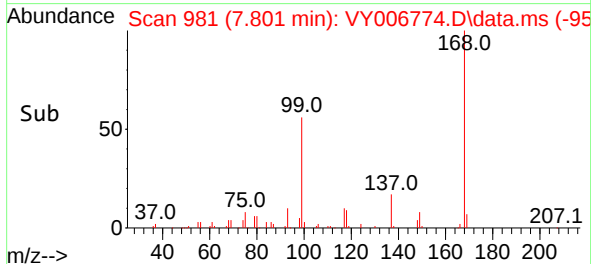
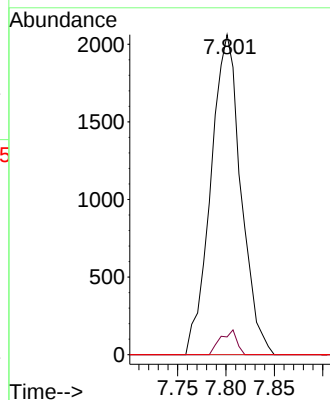
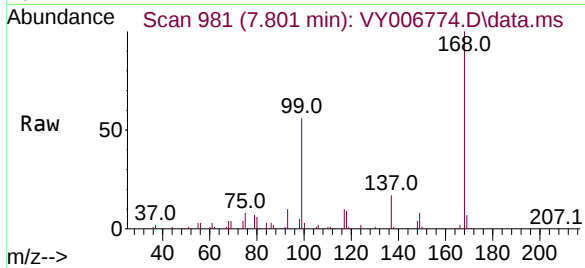




#38
Carbon Tetrachloride
Concen: 5.197 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006774.D
Acq: 16 Nov 2021 20:10

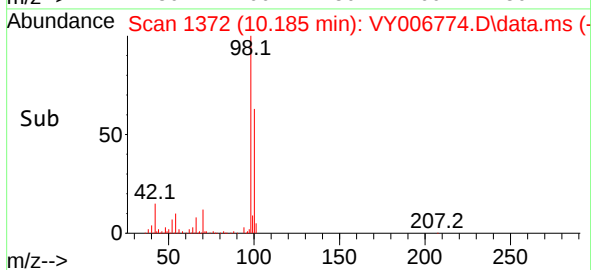
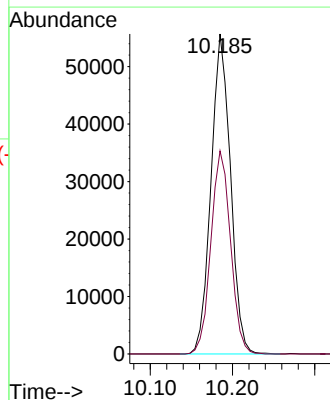
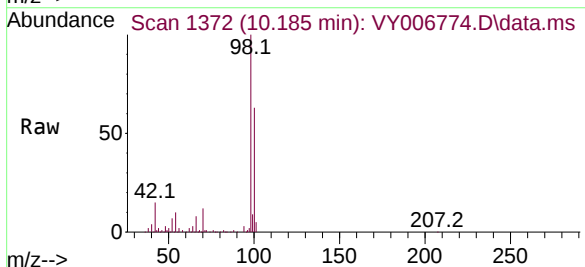
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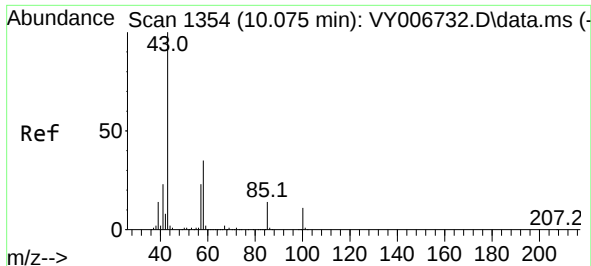
Tgt Ion:117 Resp: 4480
Ion Ratio Lower Upper
117 100
119 5.5 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 46.382 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006774.D
Acq: 16 Nov 2021 20:10

Tgt Ion: 98 Resp: 91417
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3

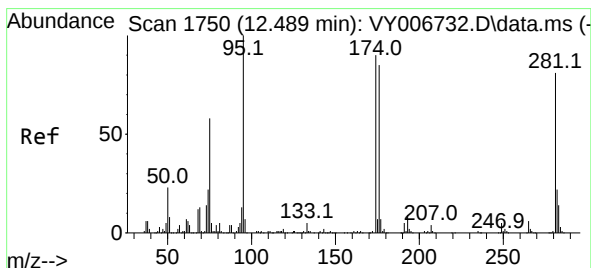
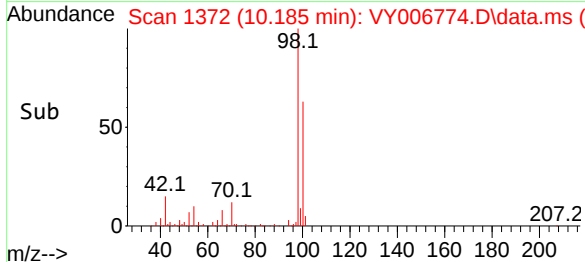
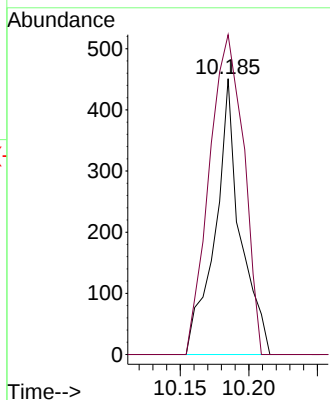
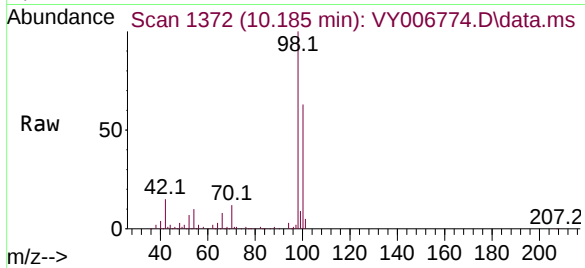




#51
4-Methyl-2-Pentanone
Concen: 1.034 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY006774.D
Acq: 16 Nov 2021 20:10

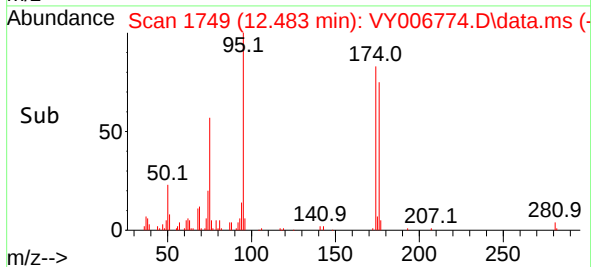
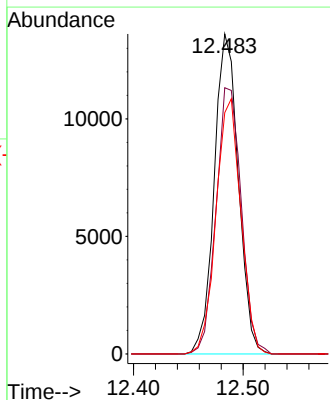
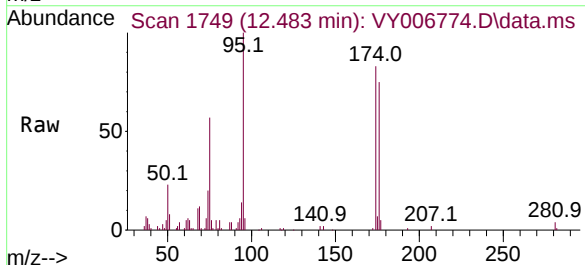
Instrument :
MSVOA_Y
ClientSampleId :
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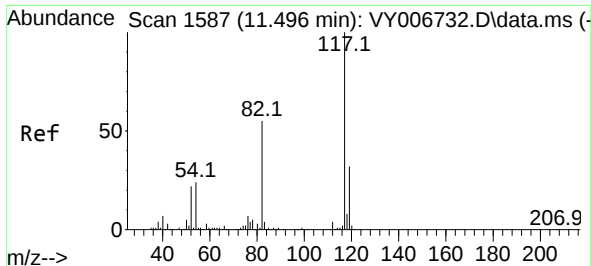
Tgt Ion: 43 Resp: 576
Ion Ratio Lower Upper
43 100
58 158.9 28.7 43.1#



#62
4-Bromofluorobenzene
Concen: 31.254 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006774.D
Acq: 16 Nov 2021 20:10

Tgt Ion: 95 Resp: 20767
Ion Ratio Lower Upper
95 100
174 87.1 0.0 177.0
176 82.4 0.0 169.4

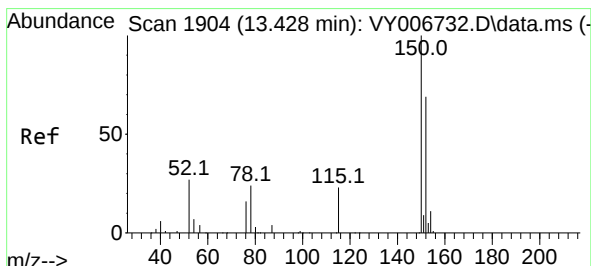
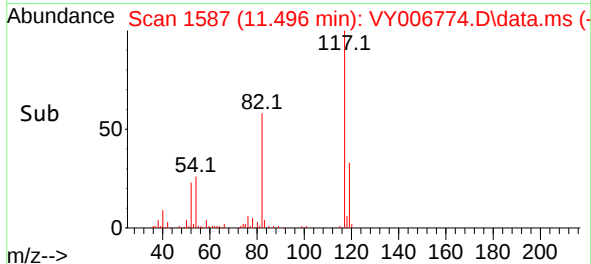
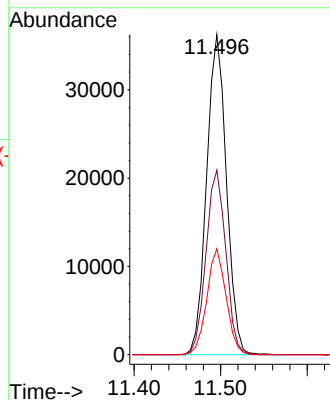
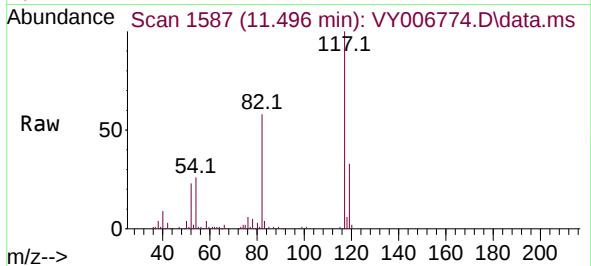




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY006774.D
Acq: 16 Nov 2021 20:10

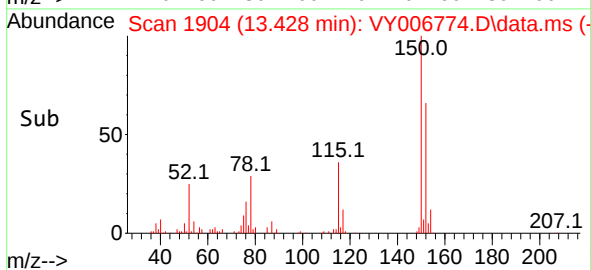
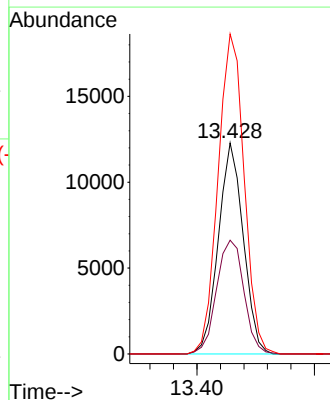
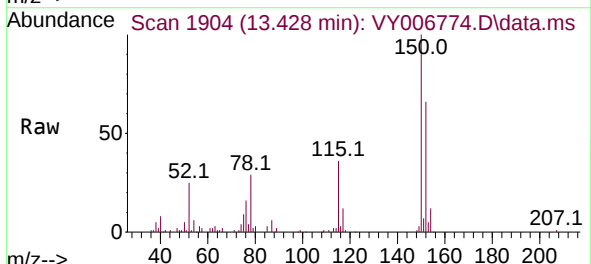
Instrument :
MSVOA_Y
ClientSampleId :
T-1ARE

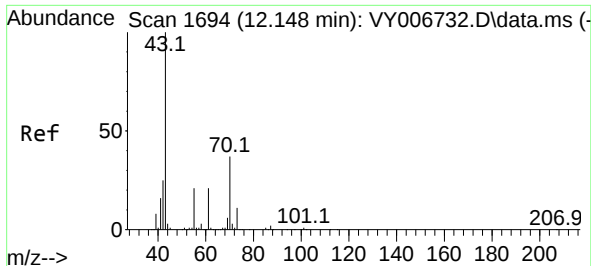
Tgt Ion:	117	Resp:	57634
Ion Ratio	Lower	Upper	
117	100		
82	57.6	45.7	68.5
119	33.1	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006774.D
Acq: 16 Nov 2021 20:10

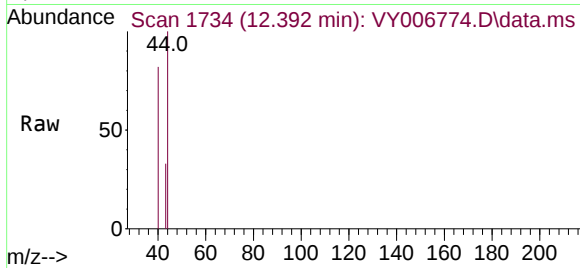
Tgt Ion:	152	Resp:	18099
Ion Ratio	Lower	Upper	
152	100		
115	59.0	28.5	85.5
150	158.9	0.0	348.2



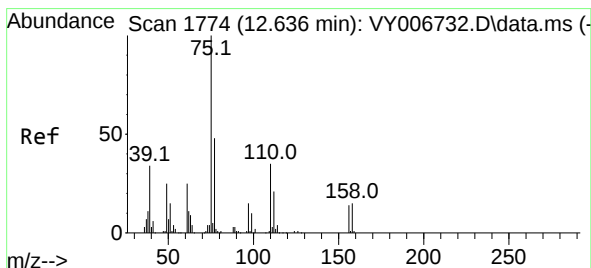
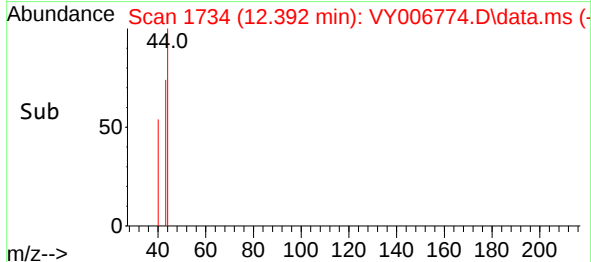
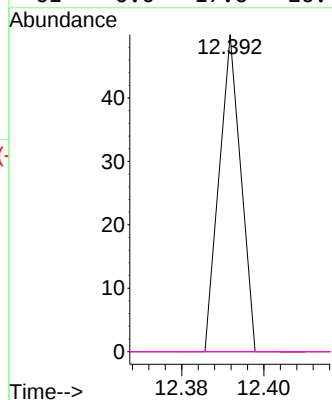


#74
N-amy1 acetate
Concen: 3.189 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.244 min
Lab File: VY006774.D
Acq: 16 Nov 2021 20:10

Instrument :
MSVOA_Y
ClientSampleId :
T-1ARE

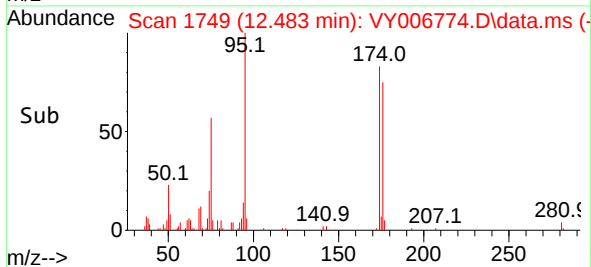
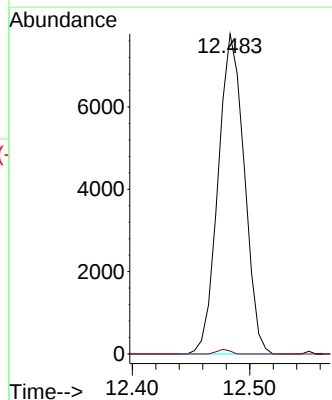
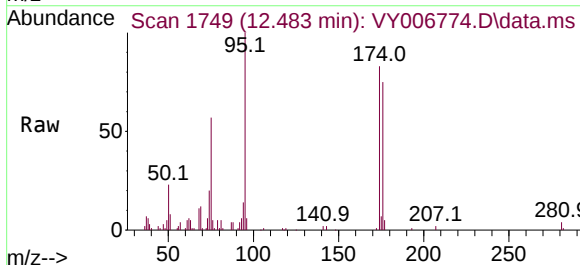


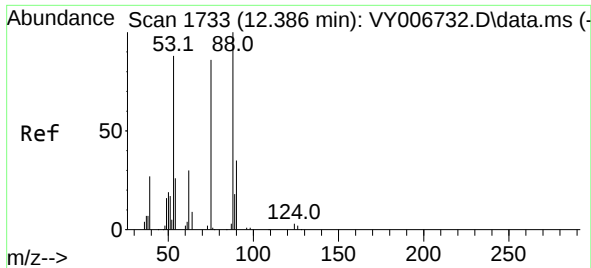
Tgt Ion: 43	Resp:	18
Ion	Ratio	Lower Upper
43	100	
70	0.0	29.4 44.0#
55	0.0	18.1 27.1#
61	0.0	17.6 26.4#



#76
1,2,3-Trichloropropane
Concen: 61.019 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006774.D
Acq: 16 Nov 2021 20:10

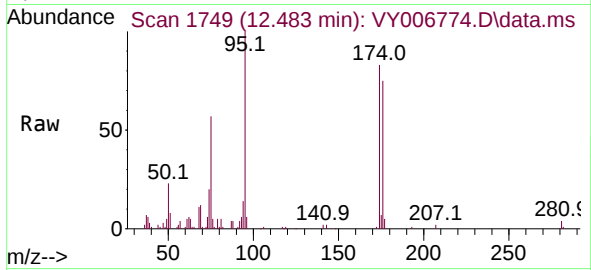
Tgt Ion: 75	Resp:	12007
Ion	Ratio	Lower Upper
75	100	
77	0.7	0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 120.907 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY006774.D
 Acq: 16 Nov 2021 20:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 T-1ARE



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

