

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112421\
 Data File : VY006887.D
 Acq On : 24 Nov 2021 19:12
 Operator : SY/MD
 Sample : M4842-01
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-112421

Quant Time: Nov 26 09:59:21 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)

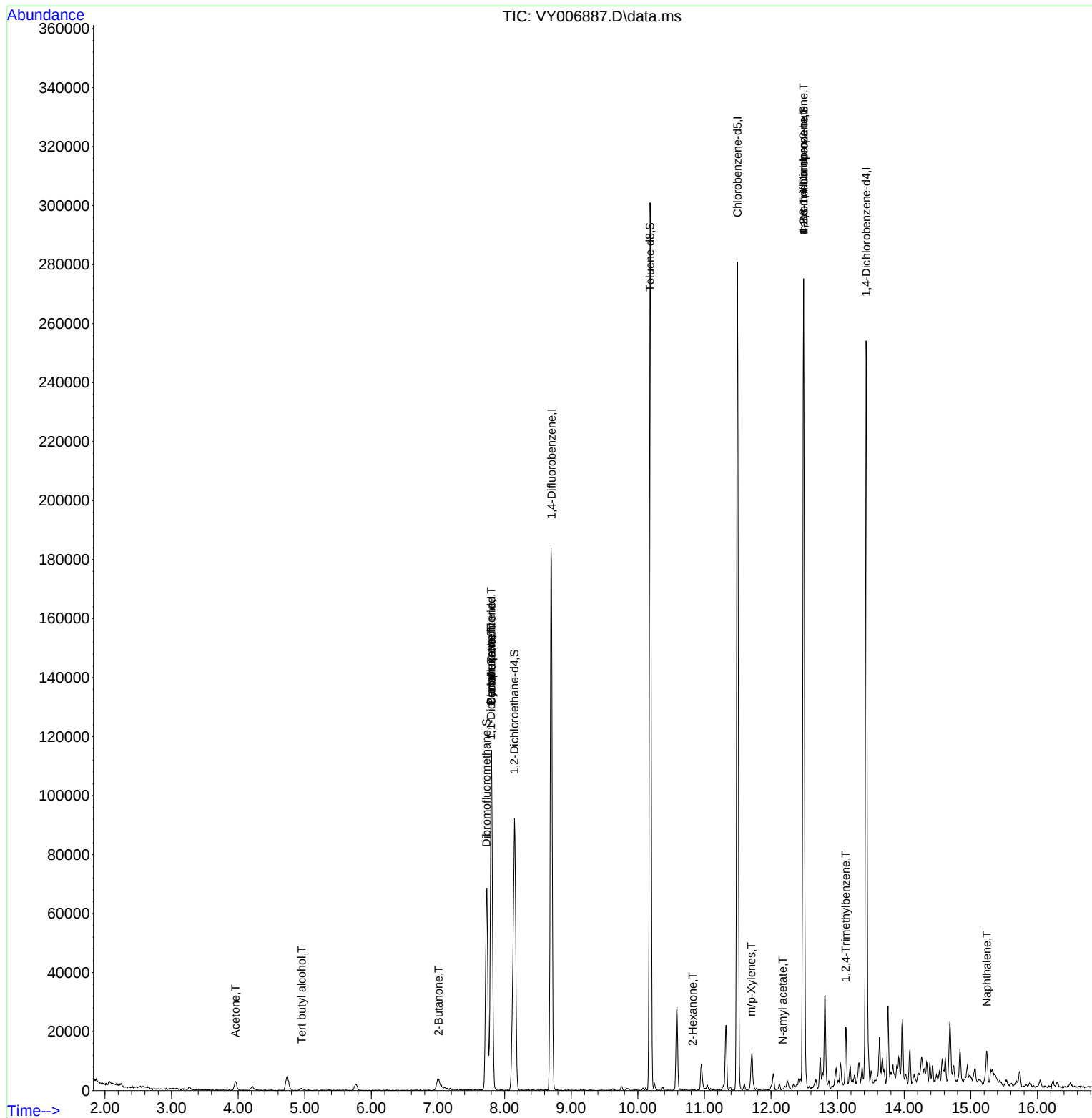
Internal Standards						
1) Pentafluorobenzene	7.801	168	85896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	148027	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	139884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	60086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	63684	56.569	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.140%	
35) Dibromofluoromethane	7.728	113	45327	49.852	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.700%	
50) Toluene-d8	10.185	98	186576	49.588	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.180%	
62) 4-Bromofluorobenzene	12.489	95	59476	46.889	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.780%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.954	59	925	5.464	ug/l #	72
16) Acetone	3.960	43	5286	15.454	ug/l	94
20) Methylene Chloride	4.735	84	3359	Below Cal		89
25) 2-Butanone	7.009	43	1068	13.549	ug/l	98
31) Cyclohexane	7.801	56	2249	1.137	ug/l #	13
36) 1,1-Dichloropropene	7.795	75	7474	4.645	ug/l #	50
38) Carbon Tetrachloride	7.801	117	8570	5.207	ug/l #	16
59) 2-Hexanone	10.825	43	274	24.134	ug/l #	28
68) m/p-Xylenes	11.703	106	2209	1.074	ug/l	95
74) N-amyl acetate	12.178	43	93	3.208	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	36086	55.239	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	36086	109.455	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.123	105	9938	2.654	ug/l	99
95) Naphthalene	15.239	128	8209	3.793	ug/l	97

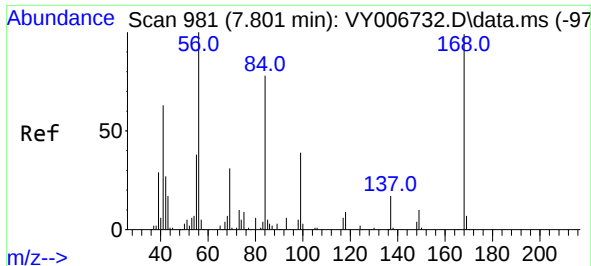
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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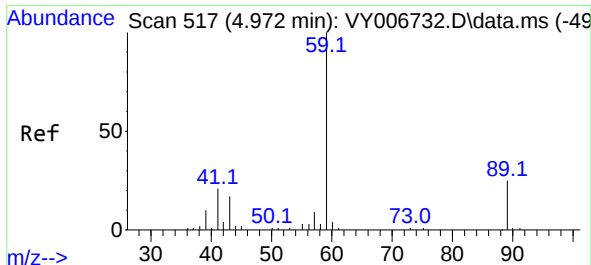
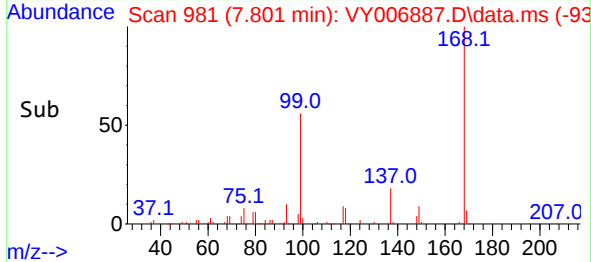
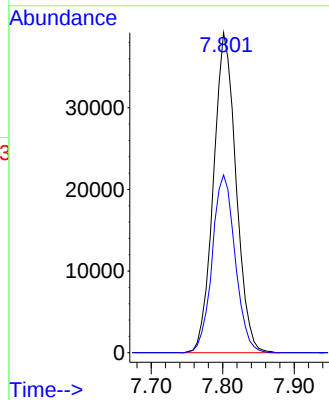
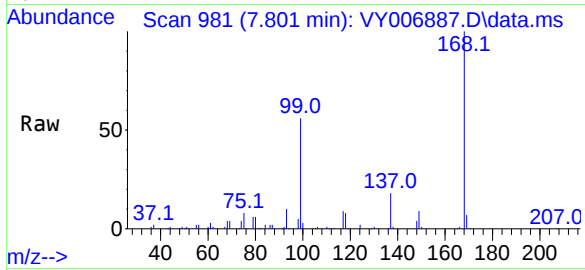




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006887.D
Acq: 24 Nov 2021 19:12

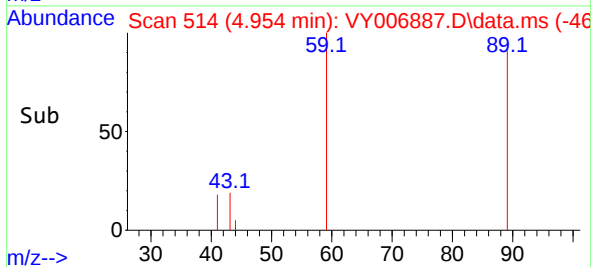
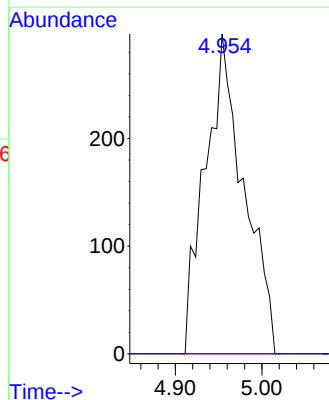
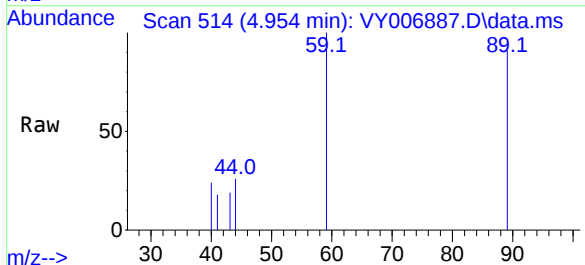
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-112421

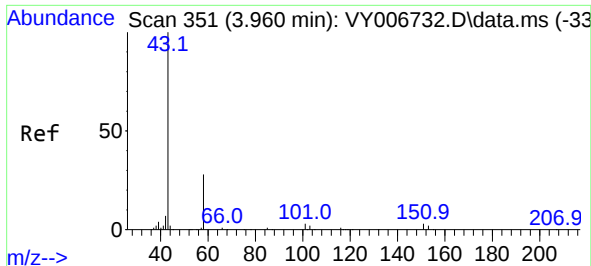
Tgt Ion:168 Resp: 85896
Ion Ratio Lower Upper
168 100
99 55.6 44.8 67.2



#11
Tert butyl alcohol
Concen: 5.464 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY006887.D
Acq: 24 Nov 2021 19:12

Tgt Ion: 59 Resp: 925
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

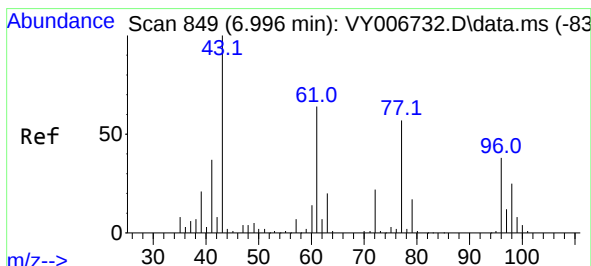
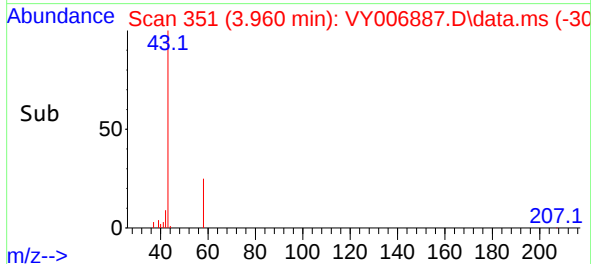
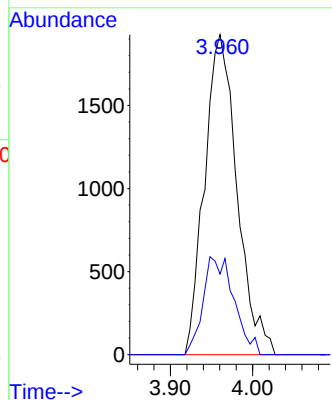
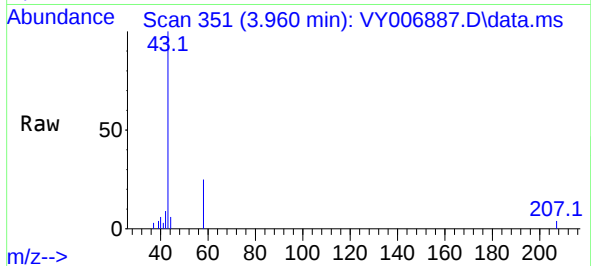




#16
Acetone
Concen: 15.454 ug/l
RT: 3.960 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY006887.D
Acq: 24 Nov 2021 19:12

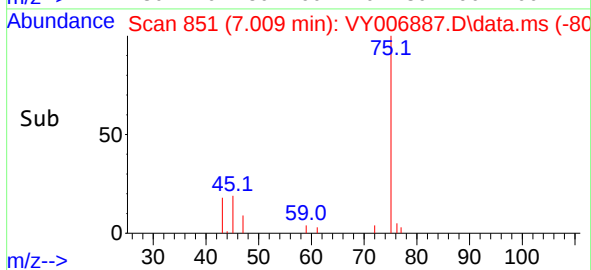
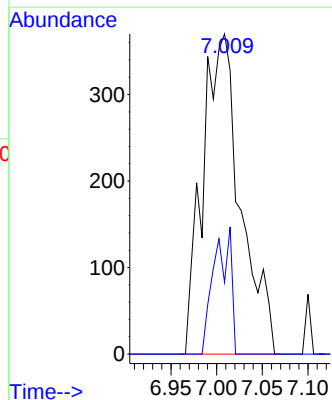
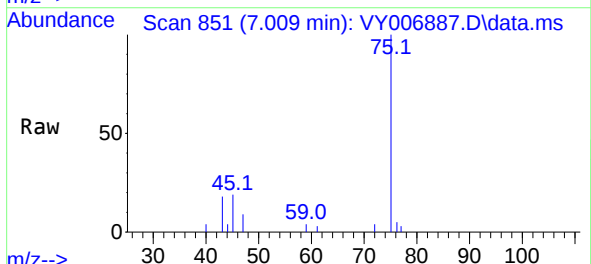
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-112421

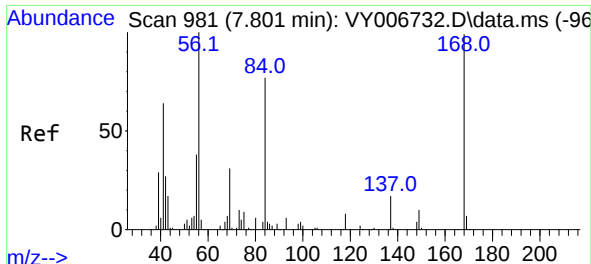
Tgt Ion: 43 Resp: 5286
Ion Ratio Lower Upper
43 100
58 25.2 22.9 34.3



#25
2-Butanone
Concen: 13.549 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.013 min
Lab File: VY006887.D
Acq: 24 Nov 2021 19:12

Tgt Ion: 43 Resp: 1068
Ion Ratio Lower Upper
43 100
72 22.4 18.9 28.3

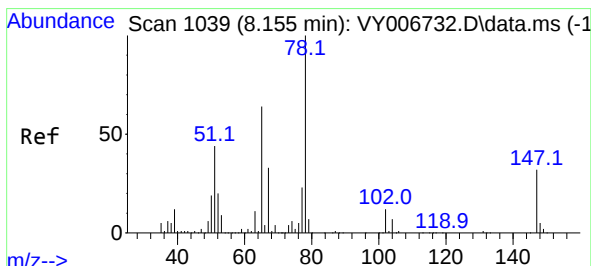
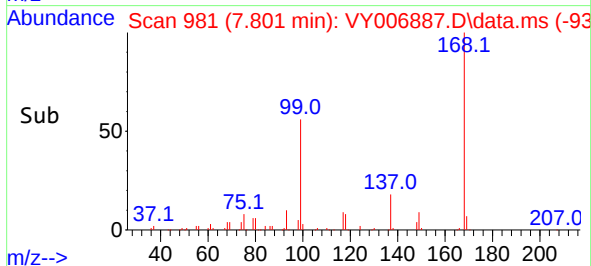
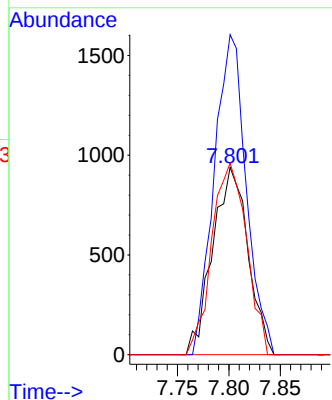
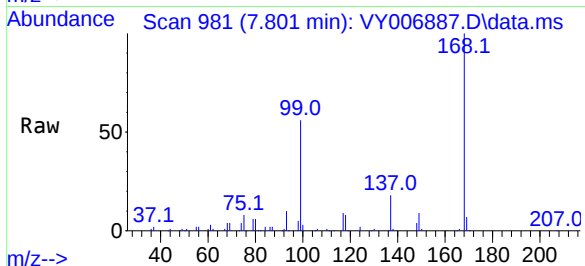




#31
Cyclohexane
Concen: 1.137 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006887.D
Acq: 24 Nov 2021 19:12

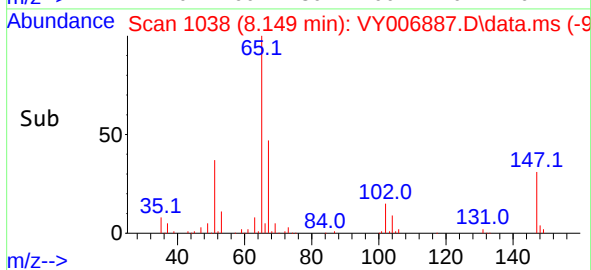
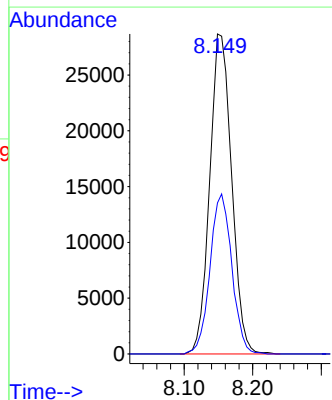
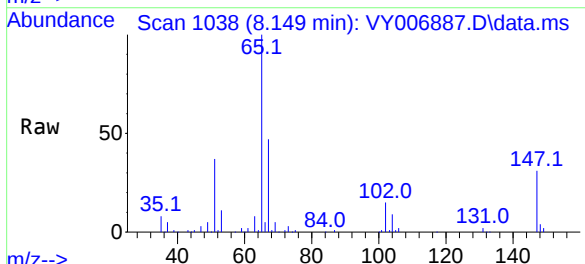
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-112421

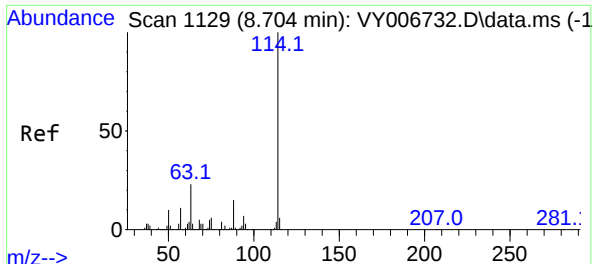
Tgt Ion: 56 Resp: 2249
Ion Ratio Lower Upper
56 100
69 170.8 26.6 40.0#
84 102.3 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 56.569 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY006887.D
Acq: 24 Nov 2021 19:12

Tgt Ion: 65 Resp: 63684
Ion Ratio Lower Upper
65 100
67 49.8 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY006887.D

Acq: 24 Nov 2021 19:12

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-112421

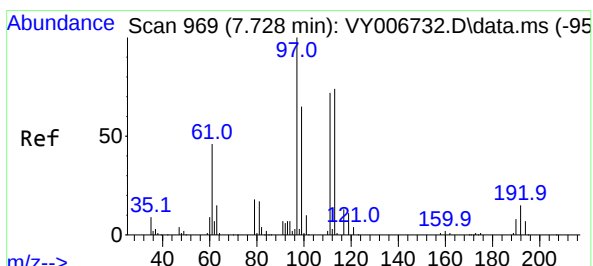
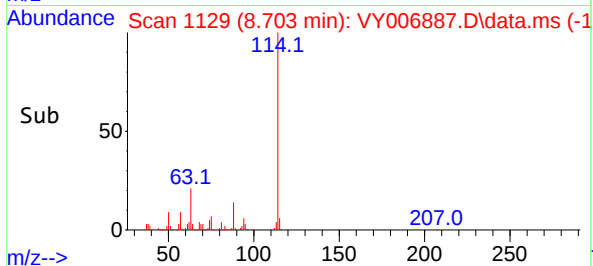
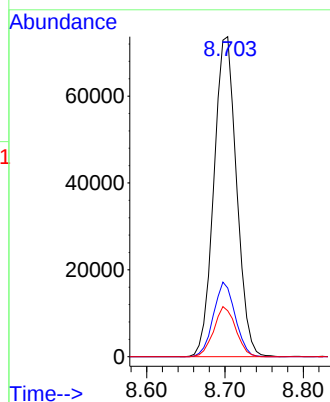
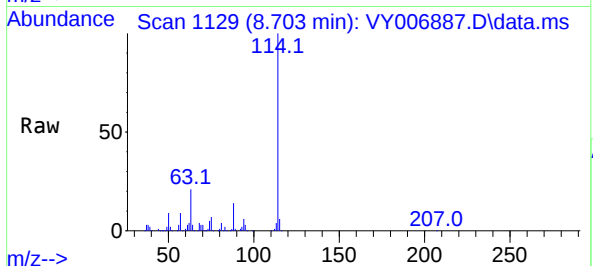
Tgt Ion:114 Resp: 148027

Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.0

88 14.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.852 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY006887.D

Acq: 24 Nov 2021 19:12

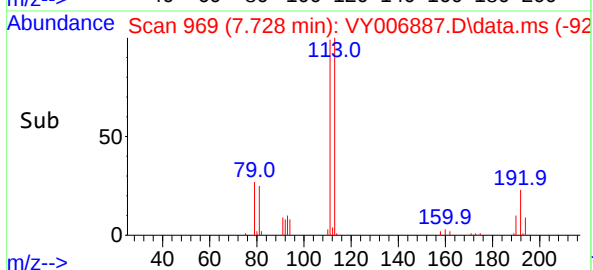
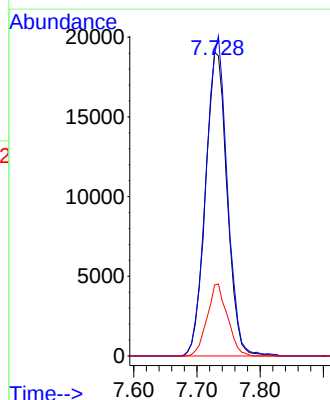
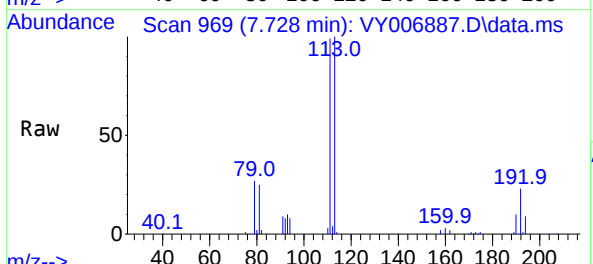
Tgt Ion:113 Resp: 45327

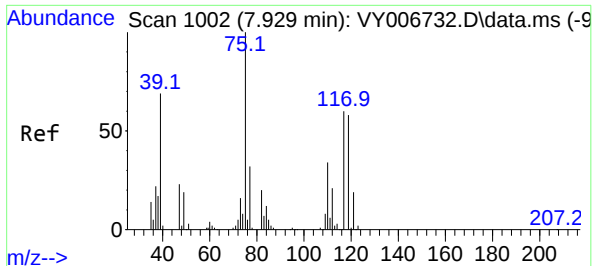
Ion Ratio Lower Upper

113 100

111 104.3 82.3 123.5

192 22.2 17.4 26.2





#36

1,1-Dichloropropene

Concen: 4.645 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY006887.D

Acq: 24 Nov 2021 19:12

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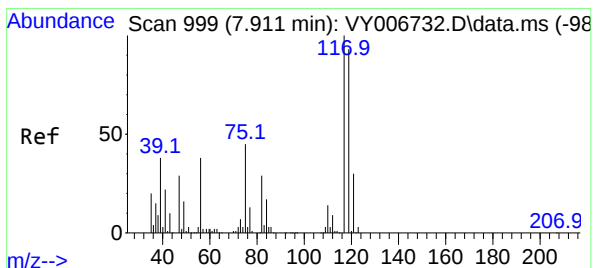
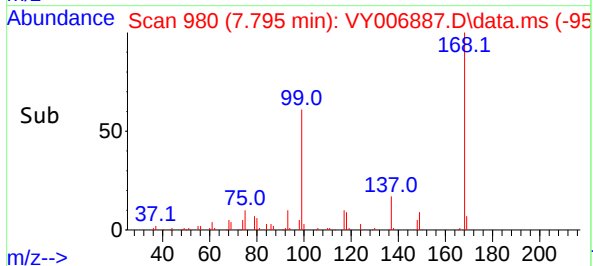
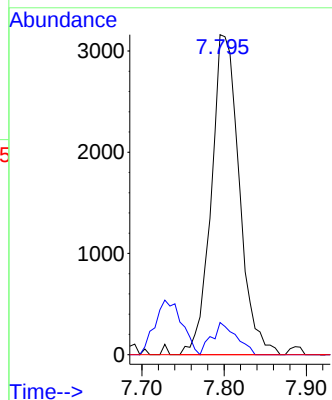
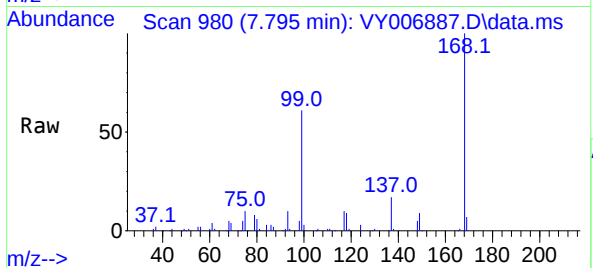
Tgt Ion: 75 Resp: 7474

Ion Ratio Lower Upper

75 100

110 8.8 17.1 51.3#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.207 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.110 min

Lab File: VY006887.D

Acq: 24 Nov 2021 19:12

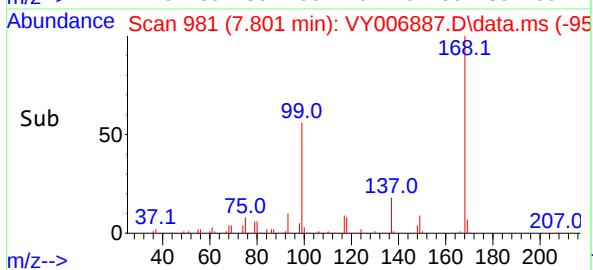
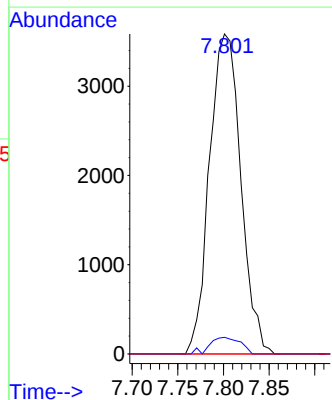
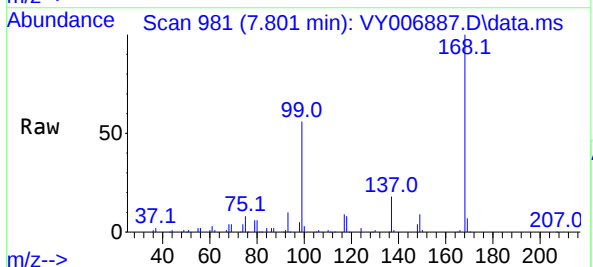
Tgt Ion: 117 Resp: 8570

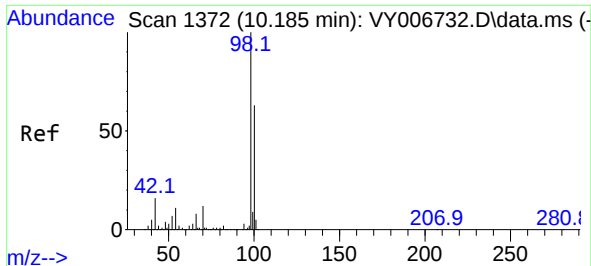
Ion Ratio Lower Upper

117 100

119 5.2 76.6 115.0#

121 0.0 24.7 37.1#

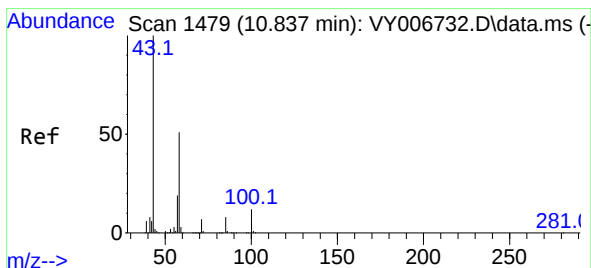
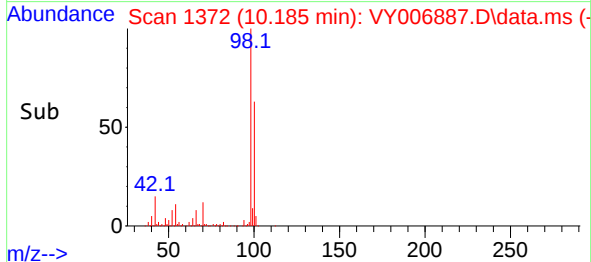
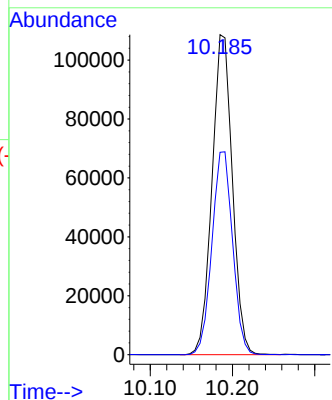
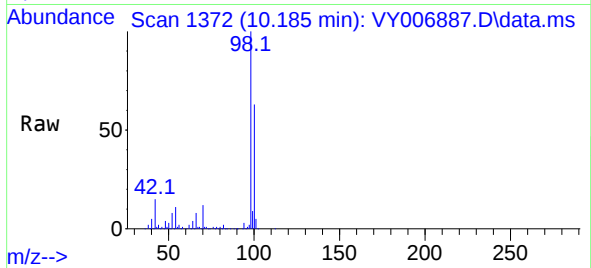




#50
Toluene-d8
Concen: 49.588 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006887.D
Acq: 24 Nov 2021 19:12

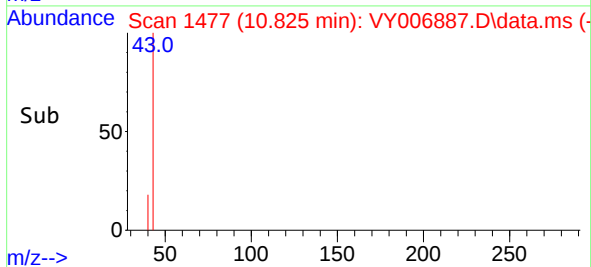
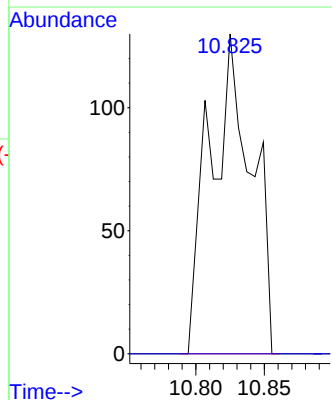
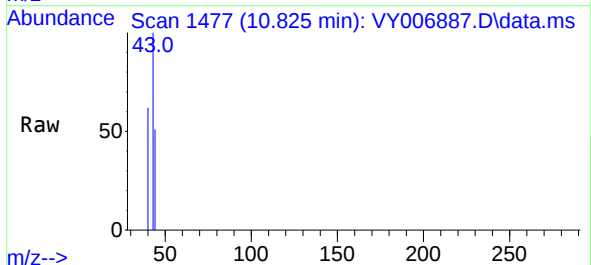
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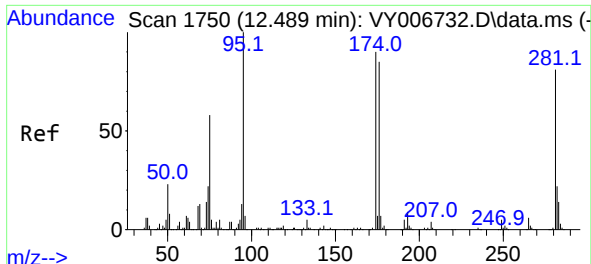
Tgt Ion: 98 Resp: 186576
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3



#59
2-Hexanone
Concen: 24.134 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.012 min
Lab File: VY006887.D
Acq: 24 Nov 2021 19:12

Tgt Ion: 43 Resp: 274
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#

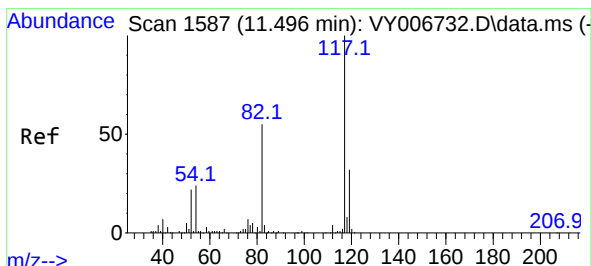
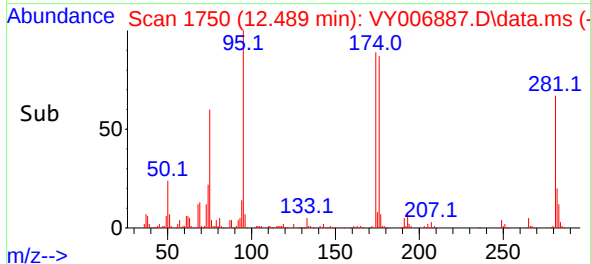
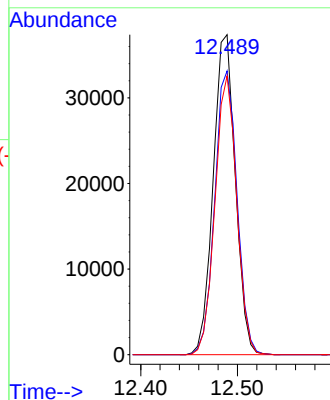
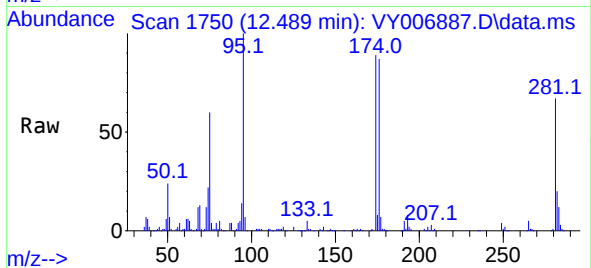




#62
4-Bromofluorobenzene
Concen: 46.889 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY006887.D
Acq: 24 Nov 2021 19:12

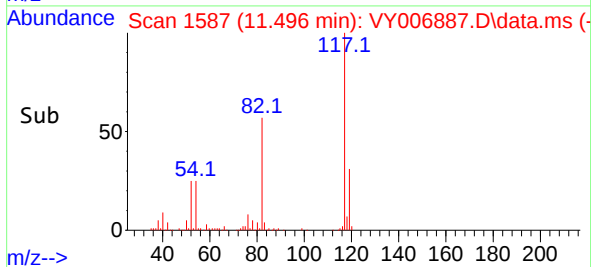
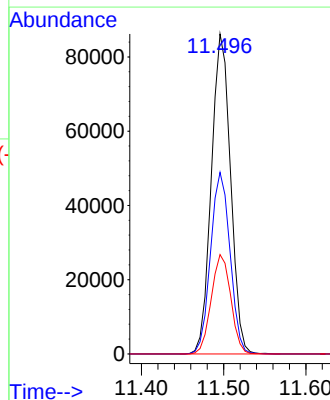
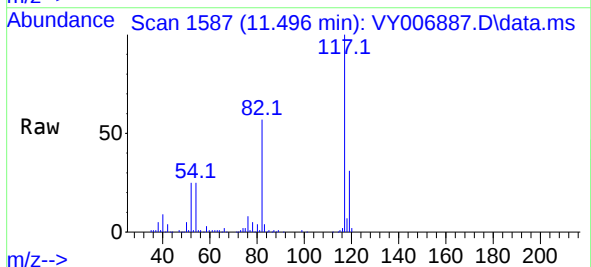
Instrument :
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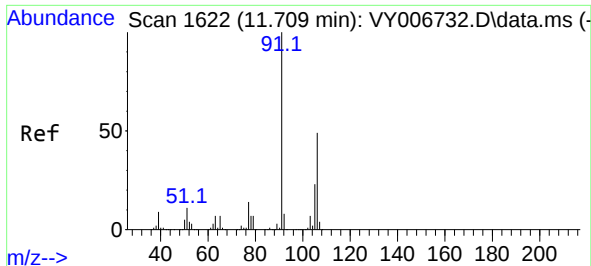
Tgt Ion: 95 Resp: 59476
Ion Ratio Lower Upper
95 100
174 89.3 0.0 177.0
176 85.2 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006887.D
Acq: 24 Nov 2021 19:12

Tgt Ion: 117 Resp: 139884
Ion Ratio Lower Upper
117 100
82 56.8 45.7 68.5
119 31.1 25.5 38.3

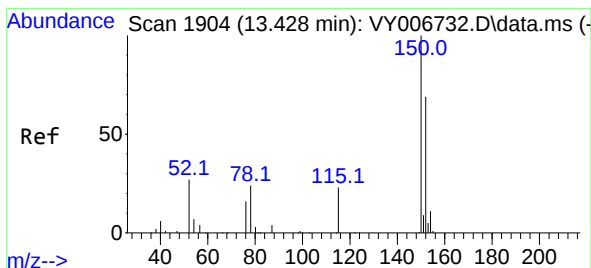
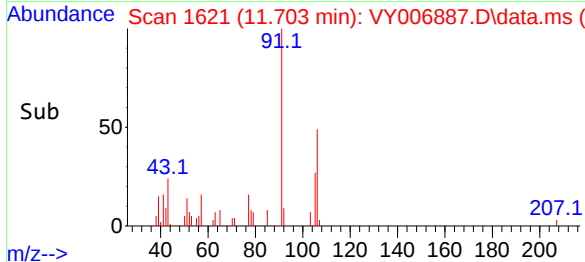
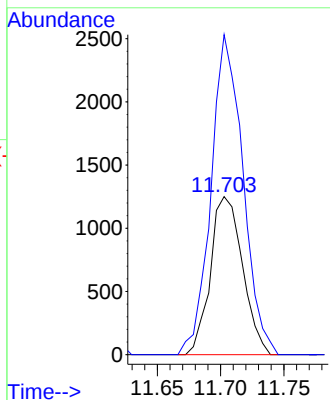
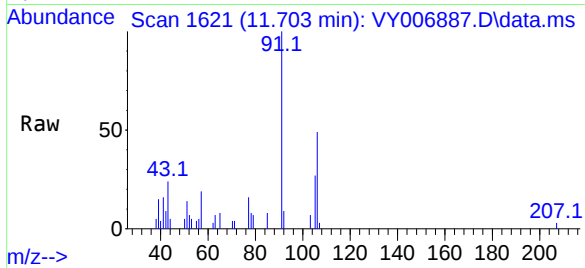




#68
m/p-Xylenes
Concen: 1.074 ug/l
RT: 11.703 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY006887.D
Acq: 24 Nov 2021 19:12

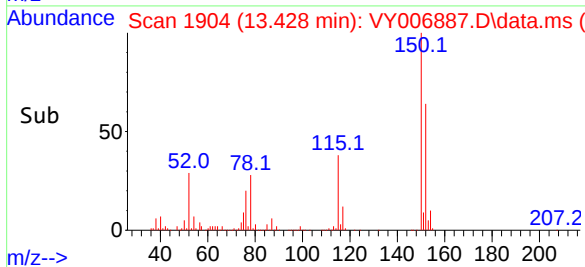
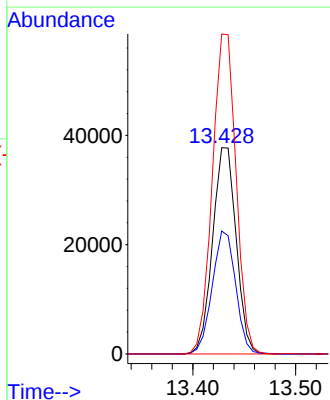
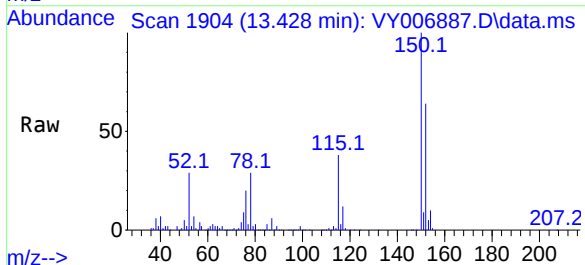
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-112421

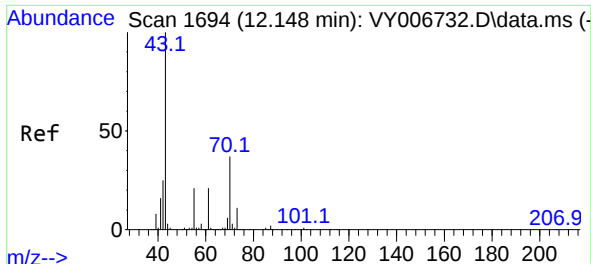
Tgt Ion:106 Resp: 2209
Ion Ratio Lower Upper
106 100
91 201.2 167.5 251.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006887.D
Acq: 24 Nov 2021 19:12

Tgt Ion:152 Resp: 60086
Ion Ratio Lower Upper
152 100
115 59.2 28.5 85.5
150 156.0 0.0 348.2

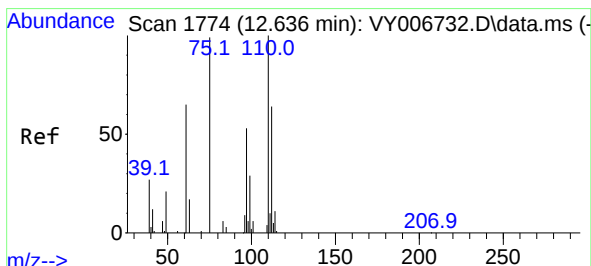
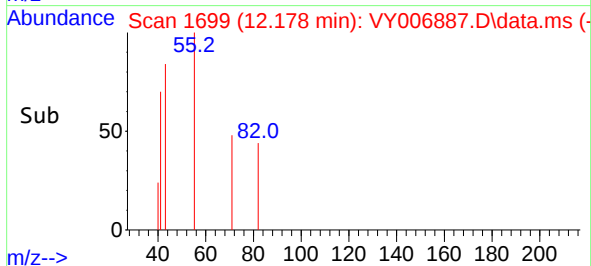
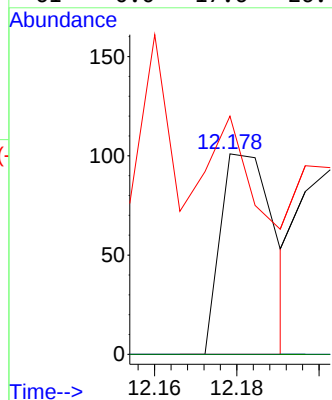
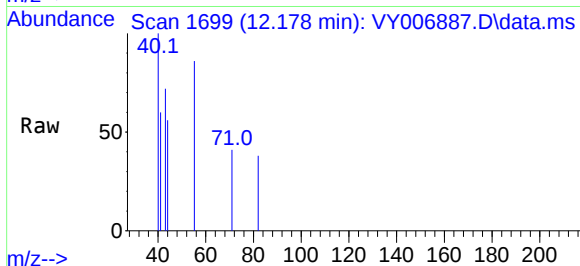




#74
N-amy1 acetate
Concen: 3.208 ug/l
RT: 12.178 min Scan# 1
Delta R.T. 0.030 min
Lab File: VY006887.D
Acq: 24 Nov 2021 19:12

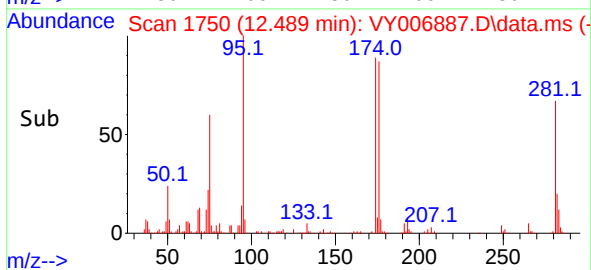
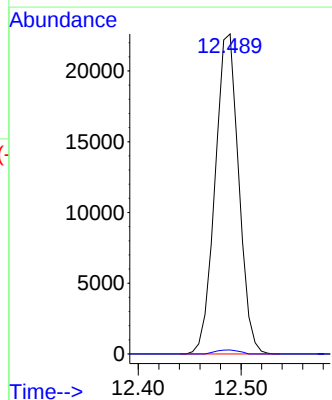
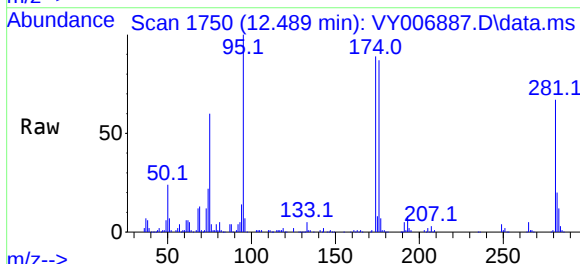
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-112421

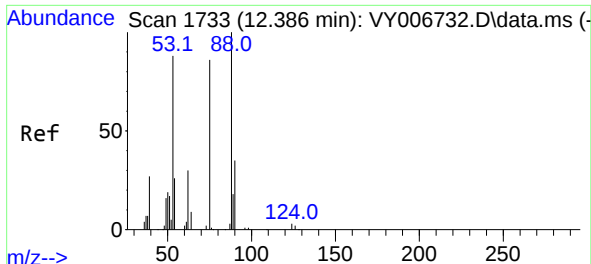
Tgt Ion: 43	Resp:	93
Ion	Ratio	Lower Upper
43	100	
70	0.0	29.4 44.0#
55	158.1	18.1 27.1#
61	0.0	17.6 26.4#



#76
1,2,3-Trichloropropane
Concen: 55.239 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.147 min
Lab File: VY006887.D
Acq: 24 Nov 2021 19:12

Tgt Ion: 75	Resp:	36086
Ion	Ratio	Lower Upper
75	100	
77	1.2	0.0 0.0#

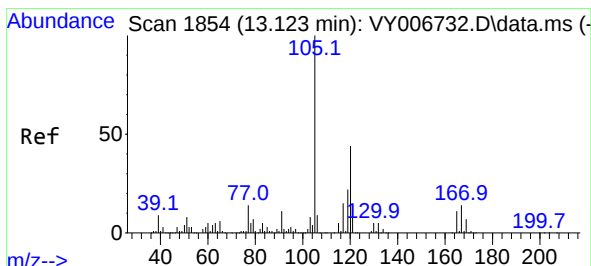
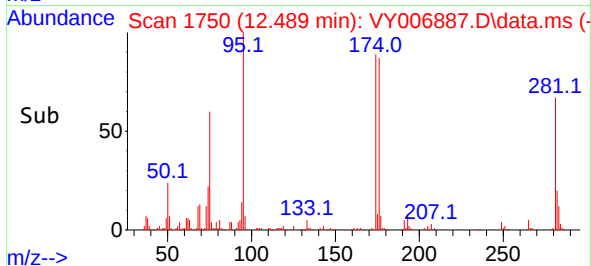
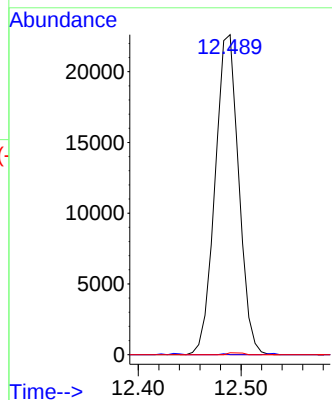
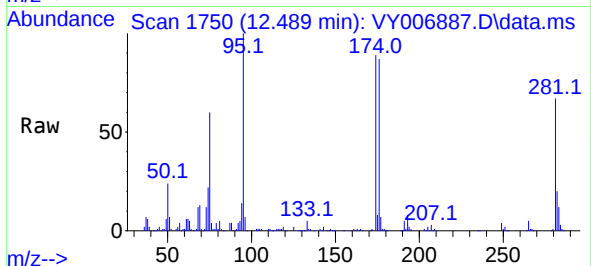




#81
trans-1,4-Dichloro-2-butene
Concen: 109.455 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY006887.D
Acq: 24 Nov 2021 19:12

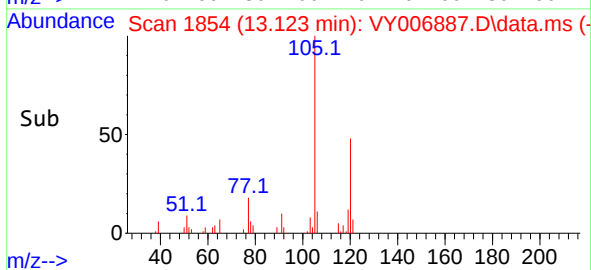
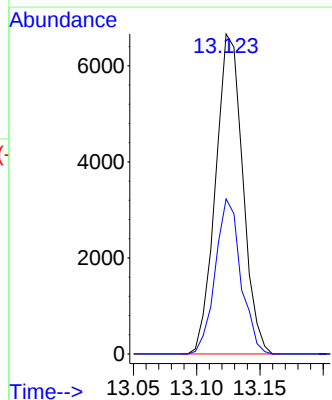
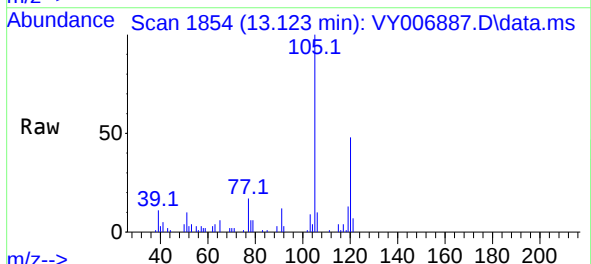
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-112421

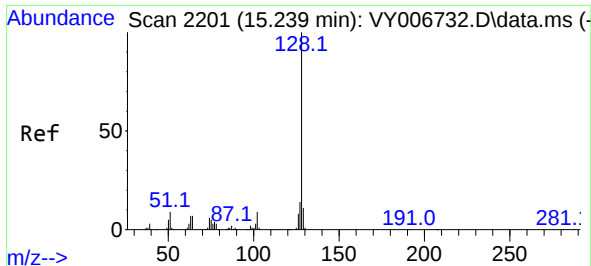
Tgt Ion: 75 Resp: 36086
Ion Ratio Lower Upper
75 100
53 0.1 85.8 128.6#
89 0.4 39.3 58.9#



#84
1,2,4-Trimethylbenzene
Concen: 2.654 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY006887.D
Acq: 24 Nov 2021 19:12

Tgt Ion:105 Resp: 9938
Ion Ratio Lower Upper
105 100
120 45.5 22.6 67.8





#95

Naphthalene

Concen: 3.793 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY006887.D

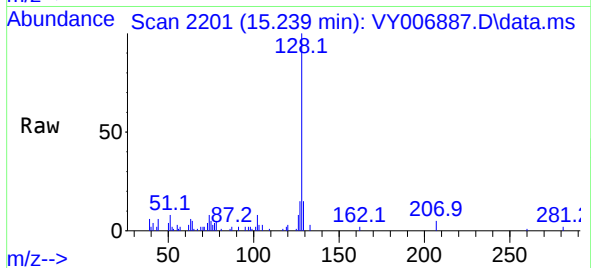
Acq: 24 Nov 2021 19:12

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-112421



Tgt Ion:128 Resp: 8209

Ion Ratio Lower Upper

128 100

127 14.4 11.0 16.4

129 12.9 8.9 13.3

