

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111621\
 Data File : VY006757.D
 Acq On : 16 Nov 2021 13:28
 Operator : SY/MD
 Sample : M4625-01
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-02-111021

Quant Time: Nov 17 04:06:51 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)

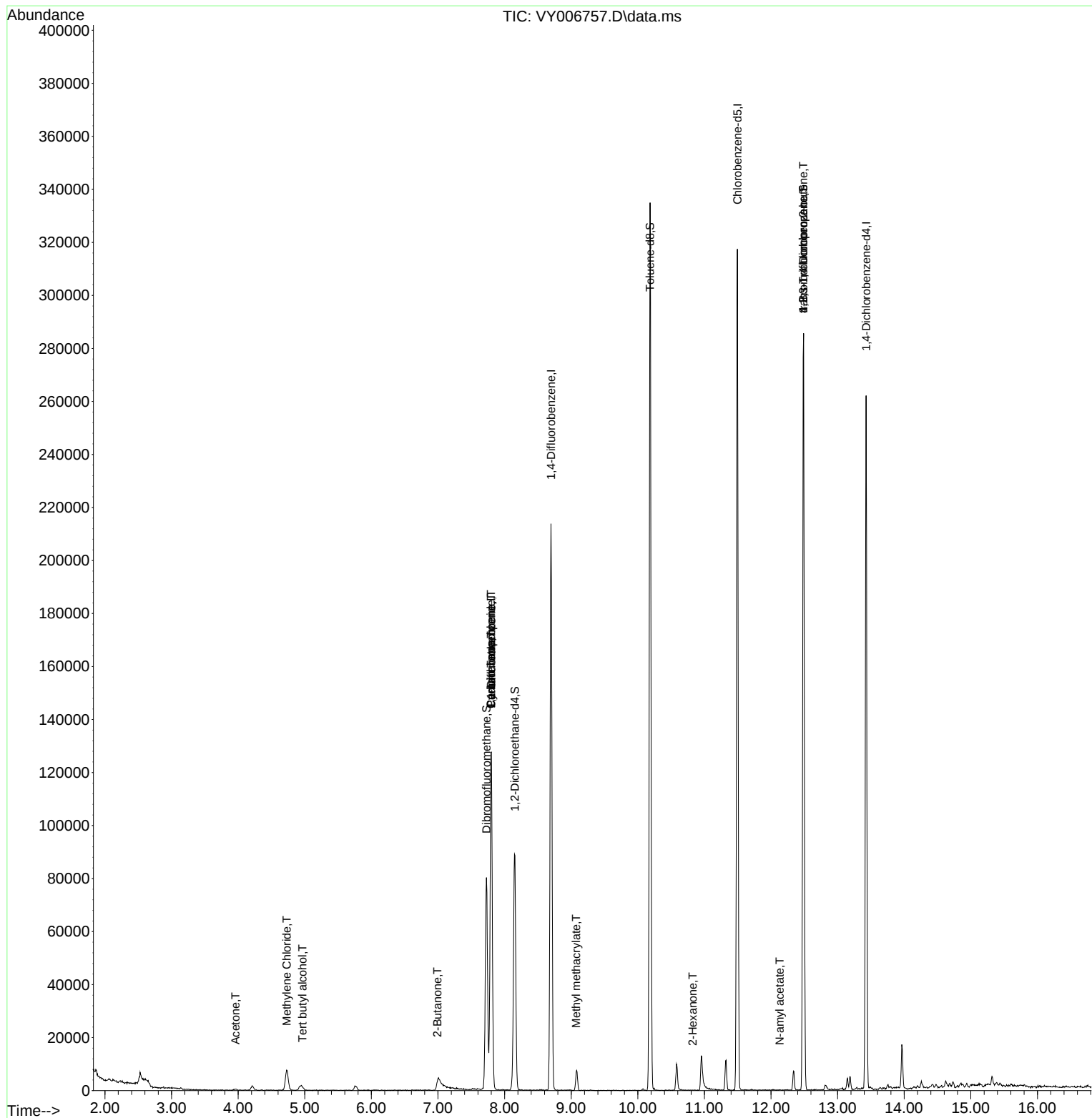
Internal Standards						
1) Pentafluorobenzene	7.801	168	97194	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	166920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	154814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	60146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	75104	58.959	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.920%	
35) Dibromofluoromethane	7.728	113	53193	51.881	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.760%	
50) Toluene-d8	10.185	98	209210	49.310	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.620%	
62) 4-Bromofluorobenzene	12.483	95	64420	45.038	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.080%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	2897	15.122	ug/l #	76
16) Acetone	3.960	43	956	2.470	ug/l	96
20) Methylene Chloride	4.728	84	5416	1.355	ug/l	97
25) 2-Butanone	6.990	43	309	12.024	ug/l #	52
31) Cyclohexane	7.795	56	2595	1.159	ug/l #	31
36) 1,1-Dichloropropene	7.795	75	8341	4.597	ug/l #	49
38) Carbon Tetrachloride	7.795	117	9925	5.348	ug/l #	17
48) Methyl methacrylate	9.075	41	2005	1.860	ug/l #	41
59) 2-Hexanone	10.825	43	37	23.854	ug/l #	28
74) N-amyl acetate	12.130	43	48	3.182	ug/l #	47
76) 1,2,3-Trichloropropane	12.483	75	39523	60.440	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39523	119.760	ug/l #	7

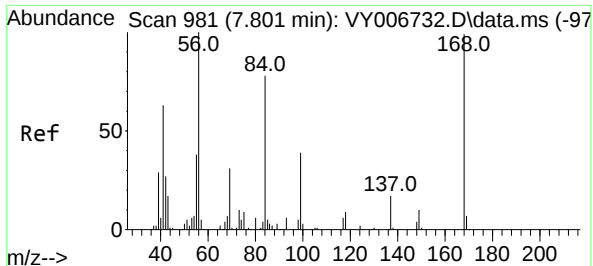
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111621\
Data File : VY006757.D
Acq On : 16 Nov 2021 13:28
Operator : SY/MD
Sample : M4625-01
Misc : 5.06G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-02-111021

Quant Time: Nov 17 04:06:51 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

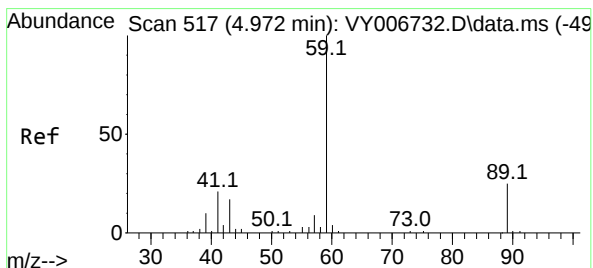
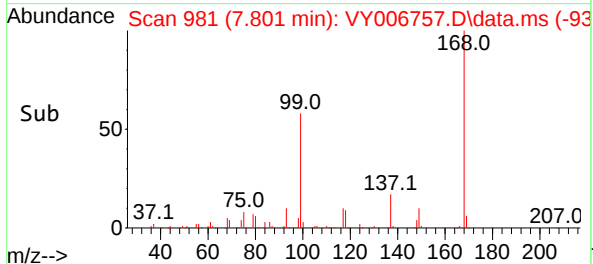
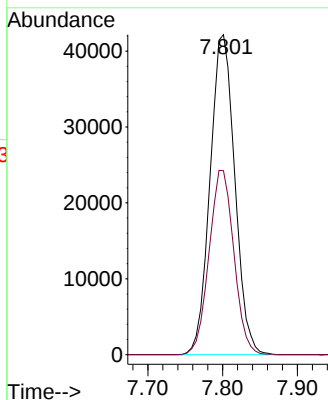
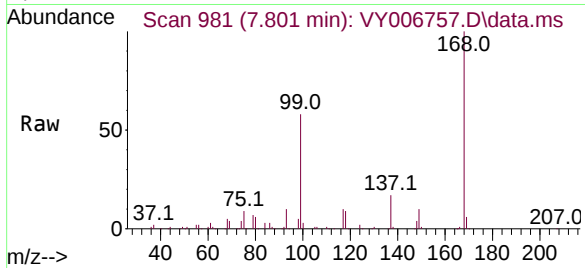




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006757.D
Acq: 16 Nov 2021 13:28

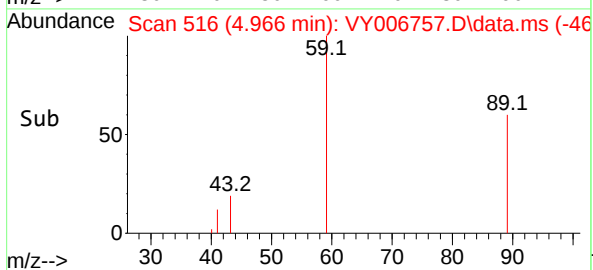
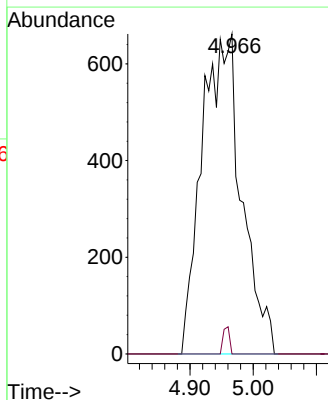
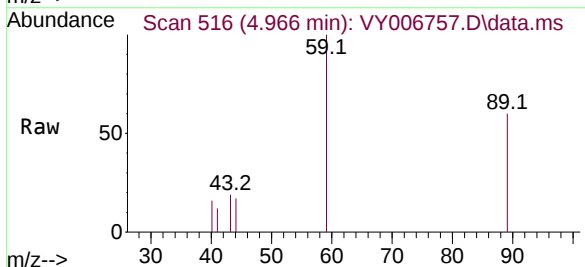
Instrument :
MSVOA_Y
ClientSampleId :
SU-02-111021

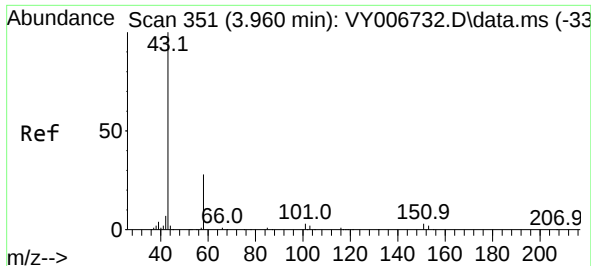
Tgt Ion:168 Resp: 97194
Ion Ratio Lower Upper
168 100
99 57.5 44.8 67.2



#11
Tert butyl alcohol
Concen: 15.122 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY006757.D
Acq: 16 Nov 2021 13:28

Tgt Ion: 59 Resp: 2897
Ion Ratio Lower Upper
59 100
57 1.3 8.2 12.4#

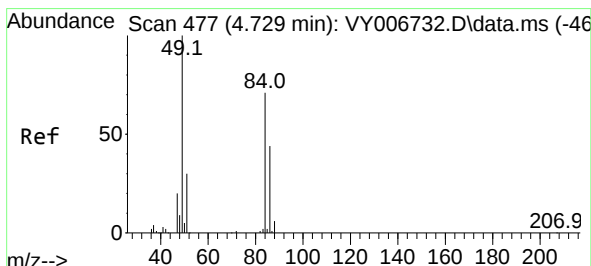
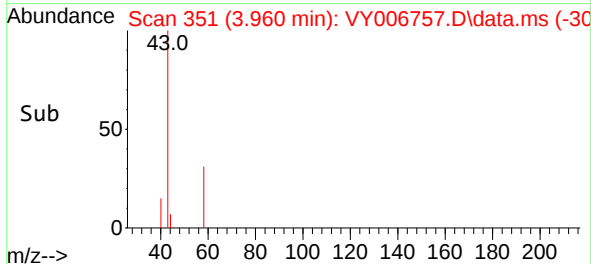
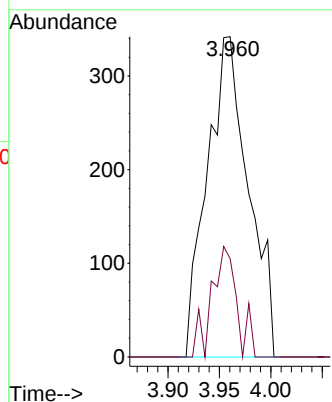
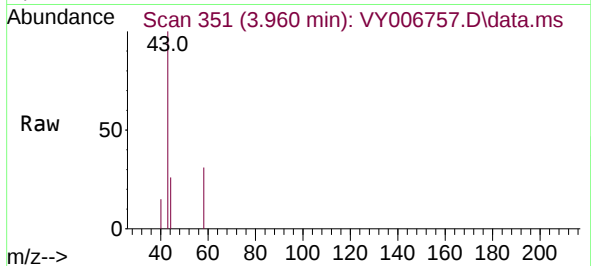




#16
Acetone
Concen: 2.470 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY006757.D
Acq: 16 Nov 2021 13:28

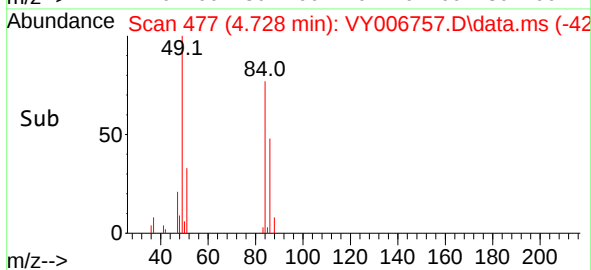
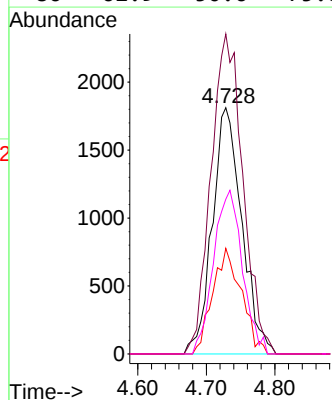
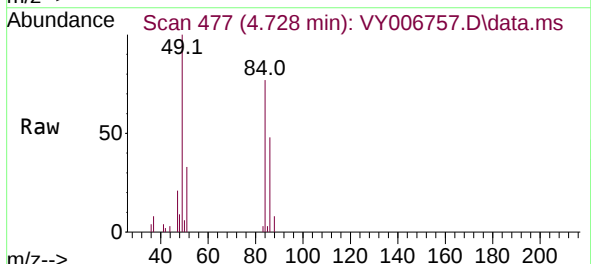
Instrument :
MSVOA_Y
ClientSampleId :
SU-02-111021

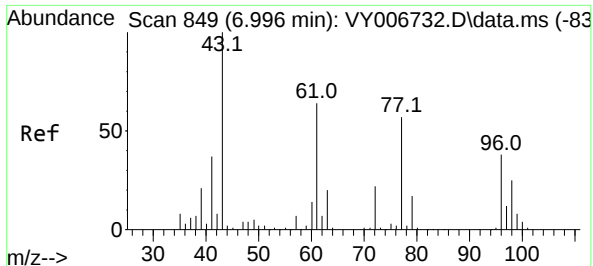
Tgt Ion: 43 Resp: 956
Ion Ratio Lower Upper
43 100
58 30.7 22.9 34.3



#20
Methylene Chloride
Concen: 1.355 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY006757.D
Acq: 16 Nov 2021 13:28

Tgt Ion: 84 Resp: 5416
Ion Ratio Lower Upper
84 100
49 130.0 107.8 161.8
51 42.9 32.8 49.2
86 62.9 50.6 75.8





#25

2-Butanone

Concen: 12.024 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY006757.D

Acq: 16 Nov 2021 13:28

Instrument :

MSVOA_Y

ClientSampleId :

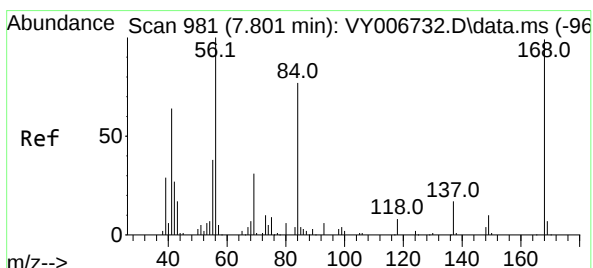
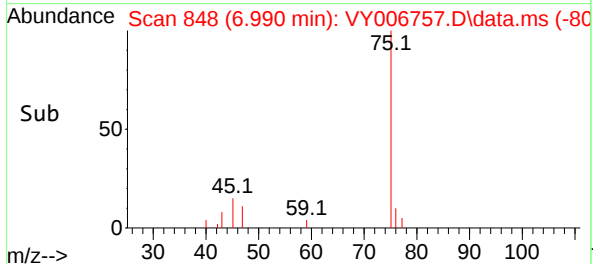
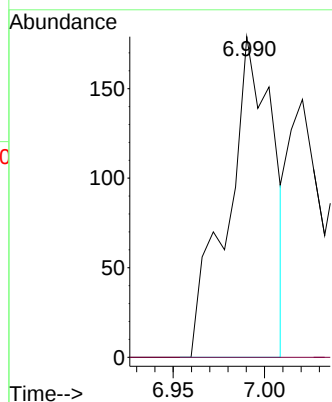
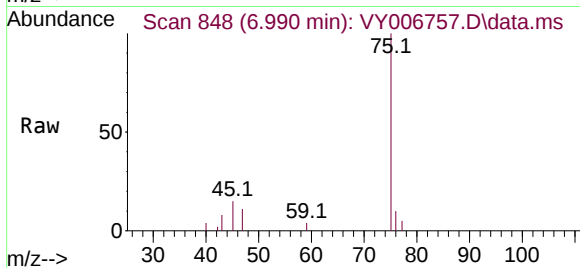
SU-02-111021

Tgt Ion: 43 Resp: 309

Ion Ratio Lower Upper

43 100

72 0.0 18.9 28.3#



#31

Cyclohexane

Concen: 1.159 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.006 min

Lab File: VY006757.D

Acq: 16 Nov 2021 13:28

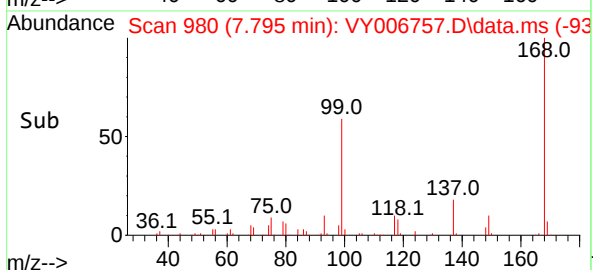
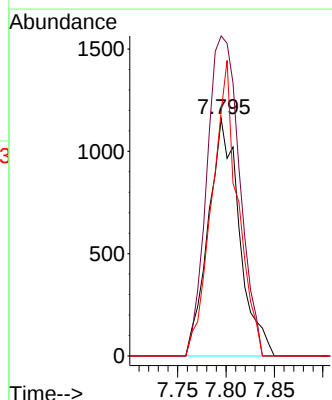
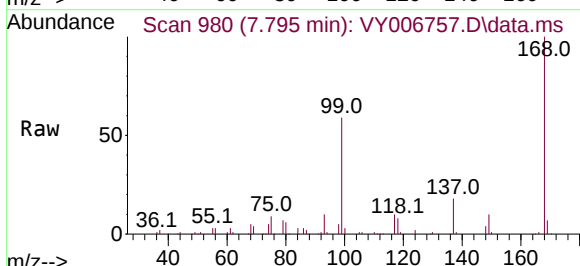
Tgt Ion: 56 Resp: 2595

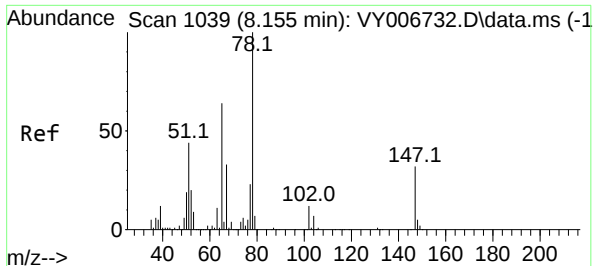
Ion Ratio Lower Upper

56 100

69 134.8 26.6 40.0#

84 102.8 65.0 97.4#





#33

1,2-Dichloroethane-d4

Concen: 58.959 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY006757.D

Acq: 16 Nov 2021 13:28

Instrument :

MSVOA_Y

ClientSampleId :

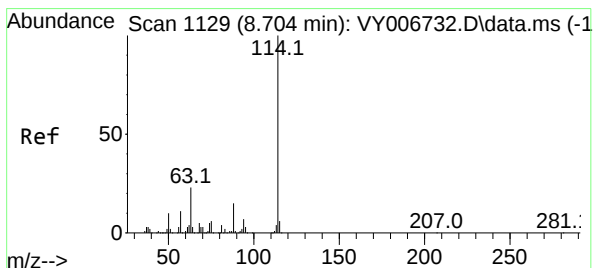
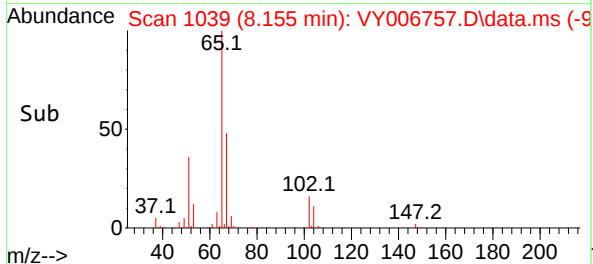
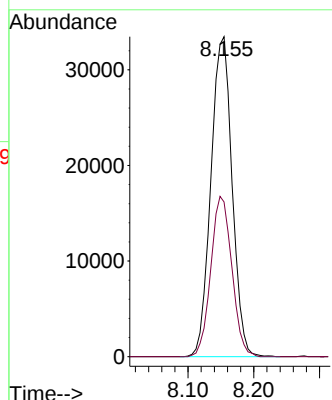
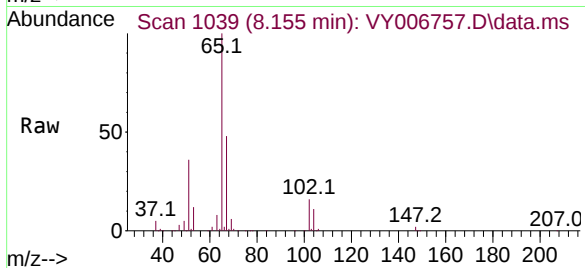
SU-02-111021

Tgt Ion: 65 Resp: 75104

Ion Ratio Lower Upper

65 100

67 49.7 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: VY006757.D

Acq: 16 Nov 2021 13:28

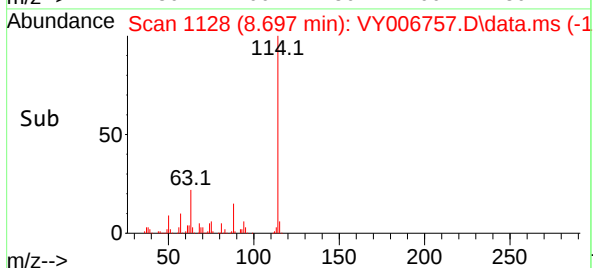
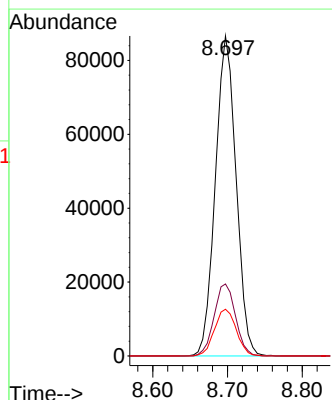
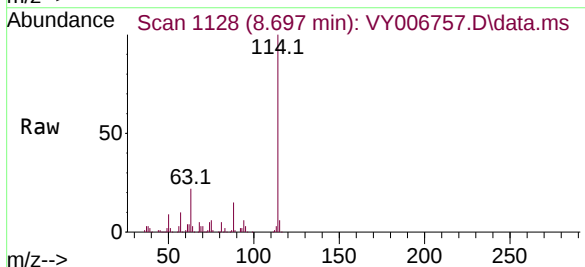
Tgt Ion: 114 Resp: 166920

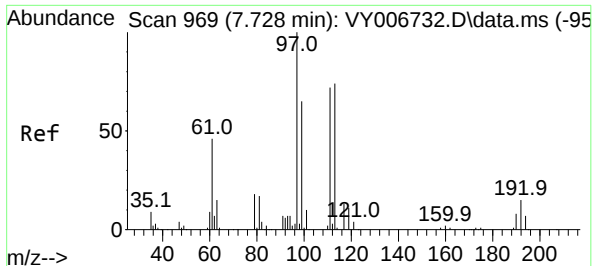
Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.0

88 14.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.881 ug/l

RT: 7.728 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY006757.D

Acq: 16 Nov 2021 13:28

Instrument :

MSVOA_Y

ClientSampleId :

SU-02-111021

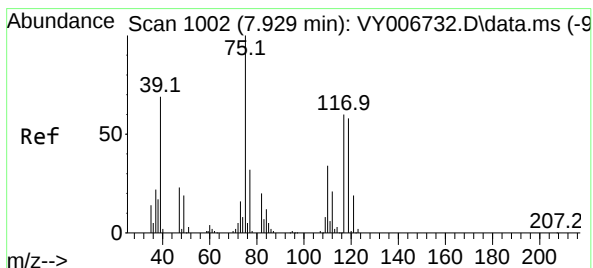
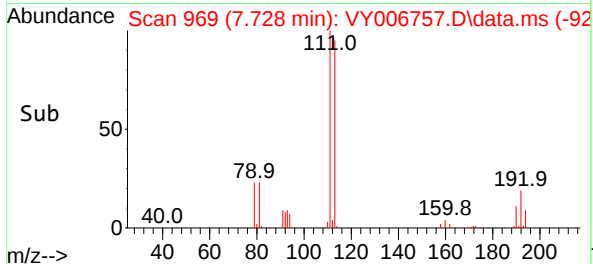
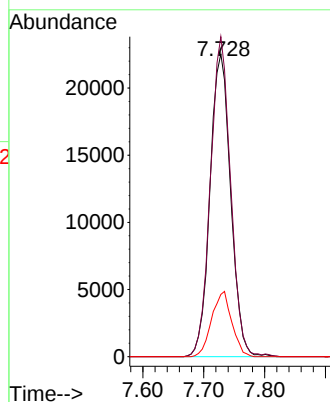
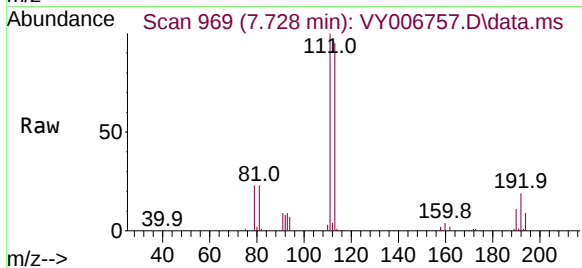
Tgt Ion:113 Resp: 53193

Ion Ratio Lower Upper

113 100

111 103.2 82.3 123.5

192 21.0 17.4 26.2



#36

1,1-Dichloropropene

Concen: 4.597 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.134 min

Lab File: VY006757.D

Acq: 16 Nov 2021 13:28

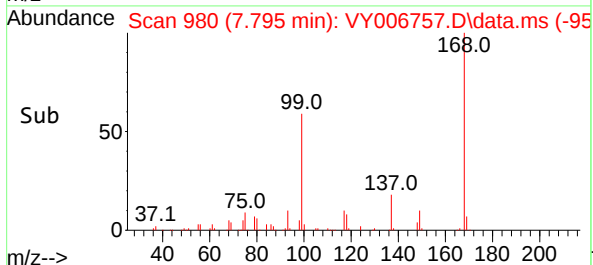
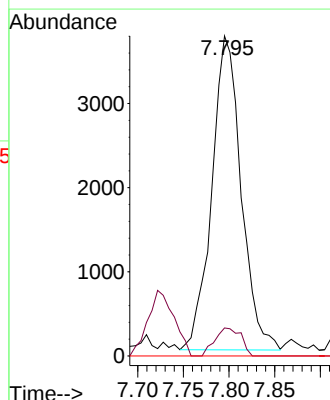
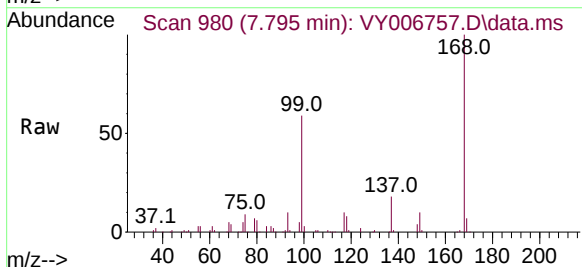
Tgt Ion: 75 Resp: 8341

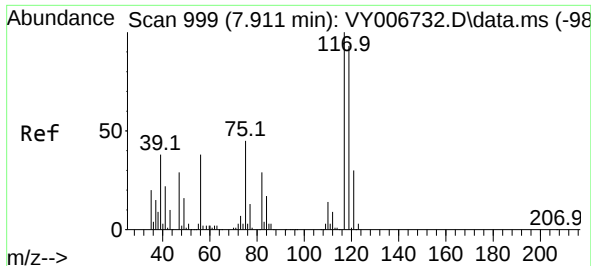
Ion Ratio Lower Upper

75 100

110 7.9 17.1 51.3#

77 0.0 24.9 37.3#

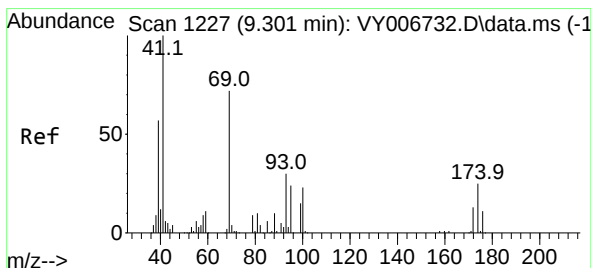
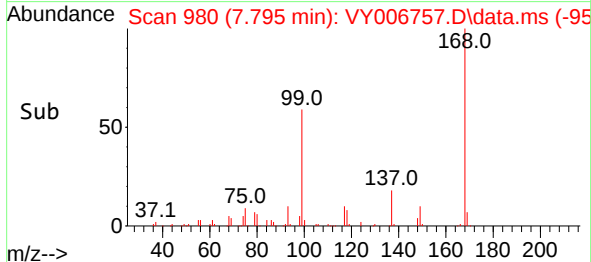
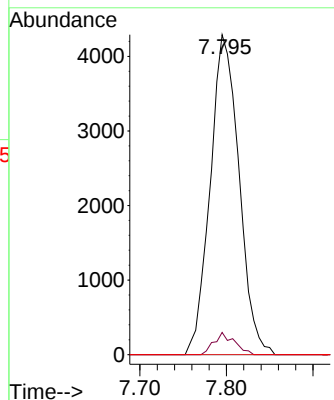
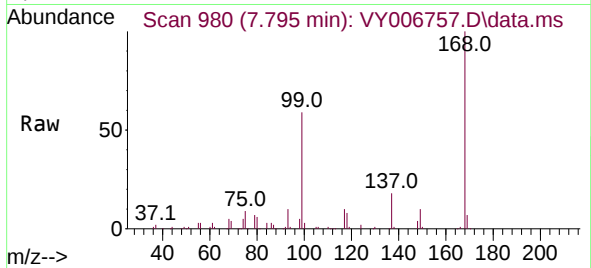




#38
Carbon Tetrachloride
Concen: 5.348 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY006757.D
Acq: 16 Nov 2021 13:28

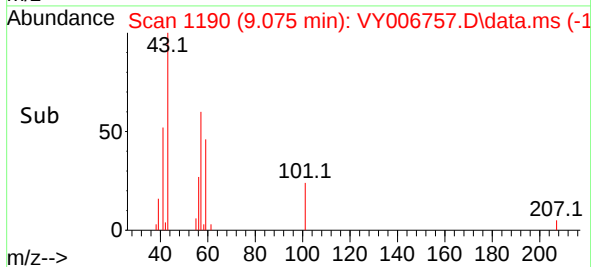
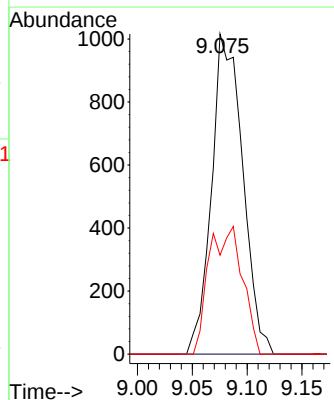
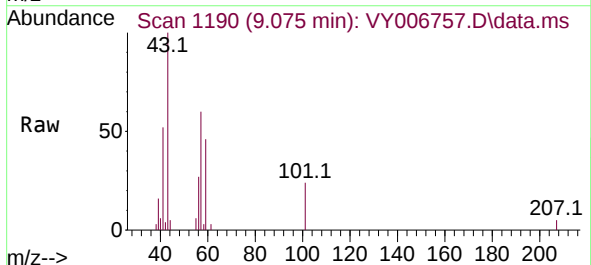
Instrument :
MSVOA_Y
ClientSampleId :
SU-02-111021

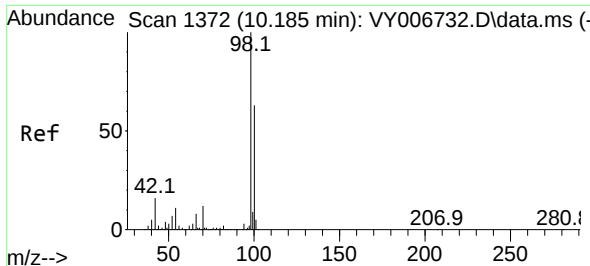
Tgt Ion:117 Resp: 9925
Ion Ratio Lower Upper
117 100
119 7.0 76.6 115.0#
121 0.0 24.7 37.1#



#48
Methyl methacrylate
Concen: 1.860 ug/l
RT: 9.075 min Scan# 1190
Delta R.T. -0.226 min
Lab File: VY006757.D
Acq: 16 Nov 2021 13:28

Tgt Ion: 41 Resp: 2005
Ion Ratio Lower Upper
41 100
69 0.0 60.4 90.6#
39 43.0 48.2 72.2#

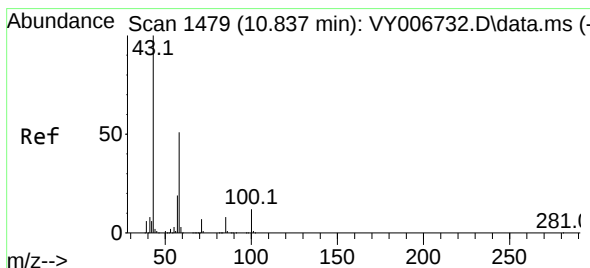
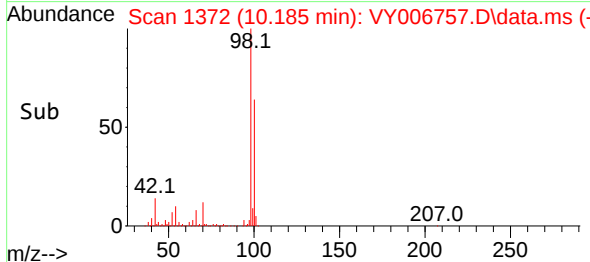
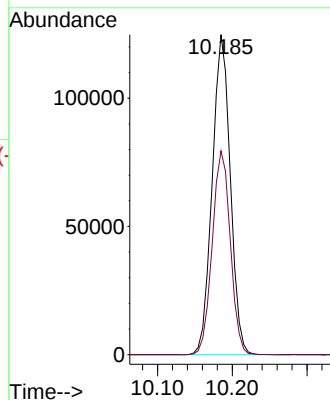
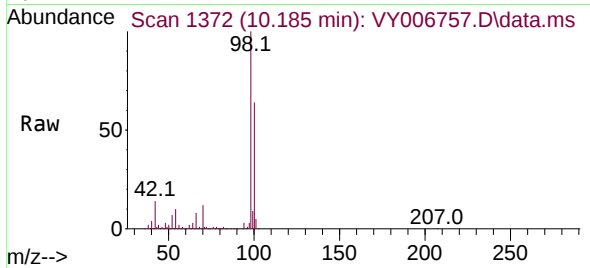




#50
Toluene-d8
Concen: 49.310 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006757.D
Acq: 16 Nov 2021 13:28

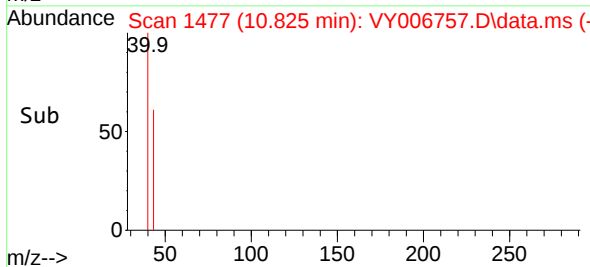
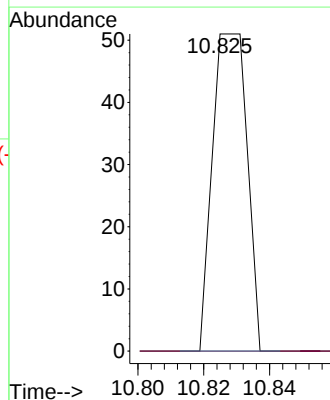
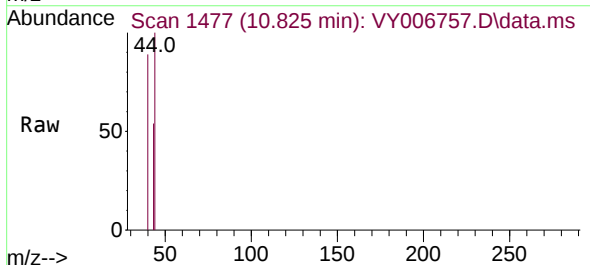
Instrument :
MSVOA_Y
ClientSampleId :
SU-02-111021

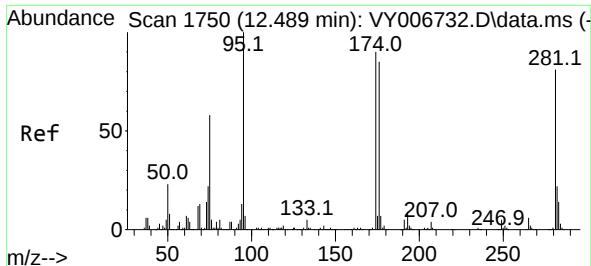
Tgt Ion: 98 Resp: 209210
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#59
2-Hexanone
Concen: 23.854 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.012 min
Lab File: VY006757.D
Acq: 16 Nov 2021 13:28

Tgt Ion: 43 Resp: 37
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#

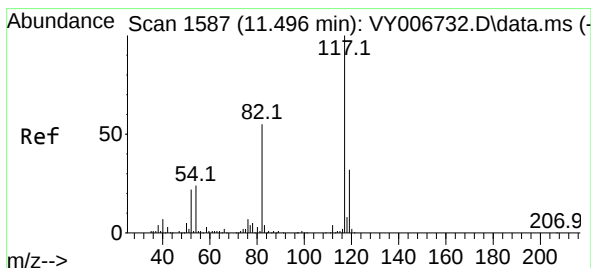
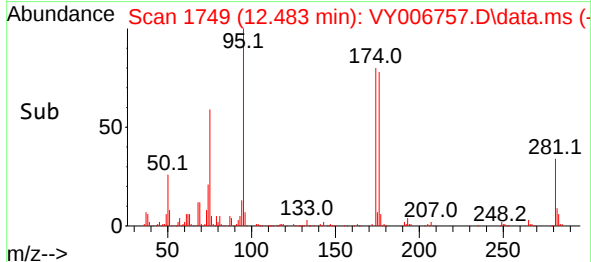
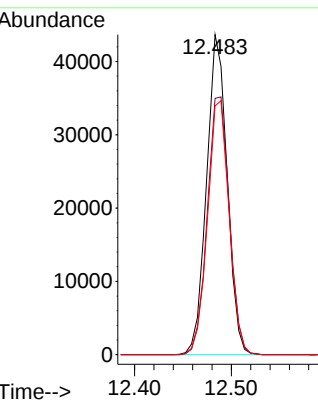
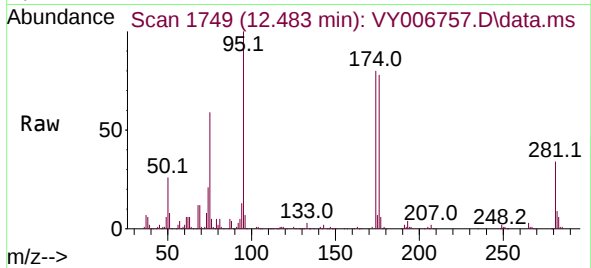




#62
4-Bromofluorobenzene
Concen: 45.038 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006757.D
Acq: 16 Nov 2021 13:28

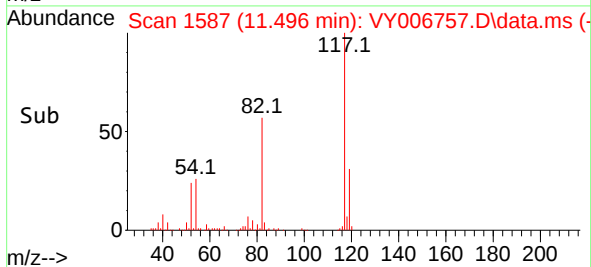
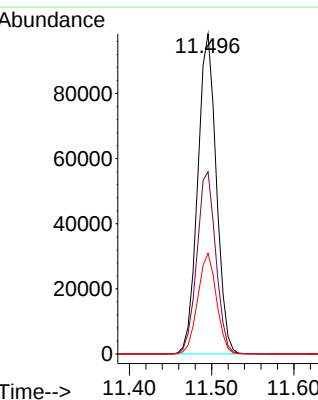
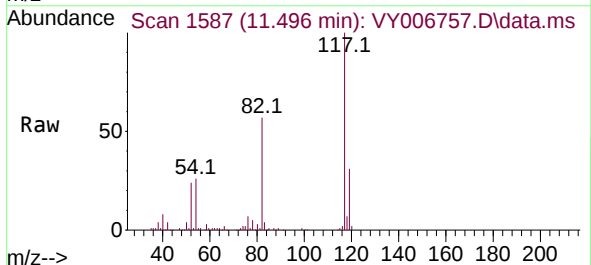
Instrument :
MSVOA_Y
ClientSampleId :
SU-02-111021

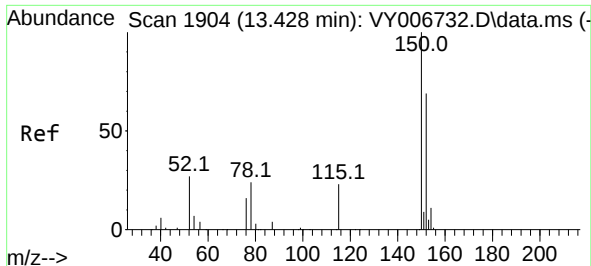
Tgt Ion: 95 Resp: 64420
Ion Ratio Lower Upper
95 100
174 86.4 0.0 177.0
176 83.1 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006757.D
Acq: 16 Nov 2021 13:28

Tgt Ion: 117 Resp: 154814
Ion Ratio Lower Upper
117 100
82 56.9 45.7 68.5
119 31.5 25.5 38.3

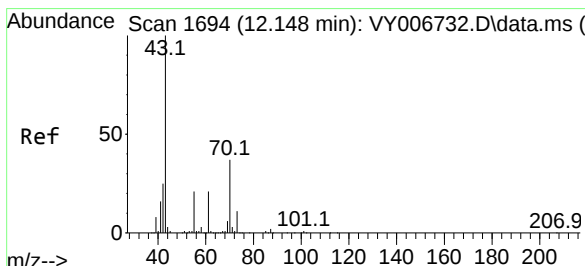
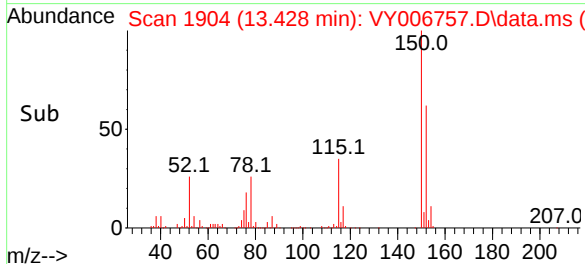
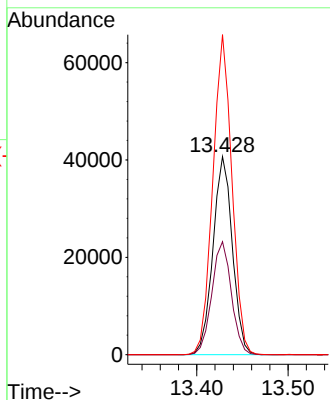
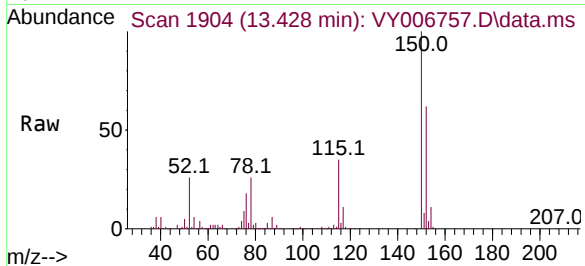




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006757.D
Acq: 16 Nov 2021 13:28

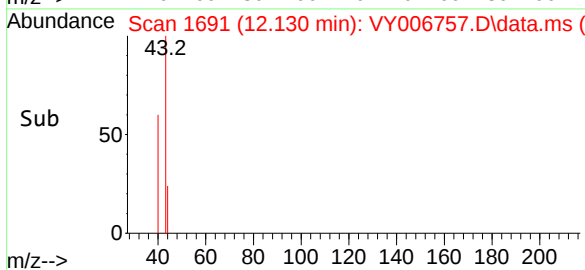
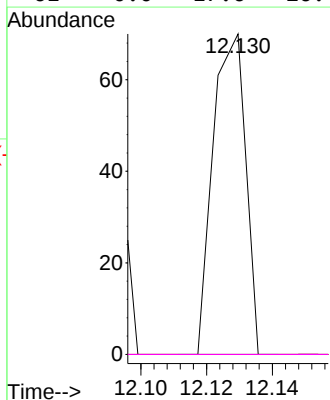
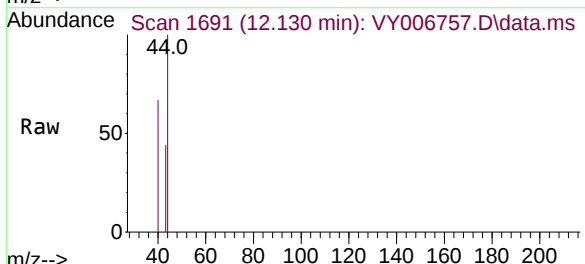
Instrument :
MSVOA_Y
ClientSampleId :
SU-02-111021

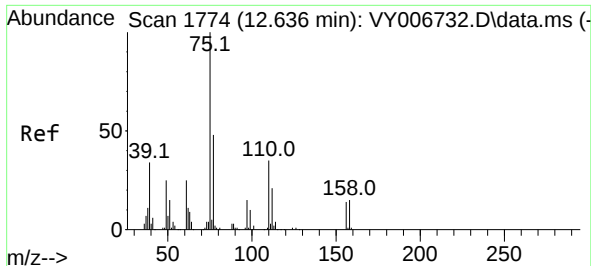
Tgt Ion:152 Resp: 60146
Ion Ratio Lower Upper
152 100
115 57.5 28.5 85.5
150 158.9 0.0 348.2



#74
N-ethyl acetate
Concen: 3.182 ug/l
RT: 12.130 min Scan# 1691
Delta R.T. -0.018 min
Lab File: VY006757.D
Acq: 16 Nov 2021 13:28

Tgt Ion: 43 Resp: 48
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#

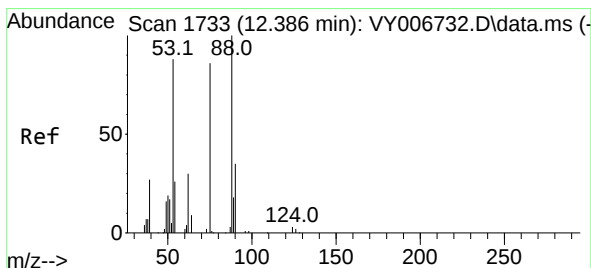
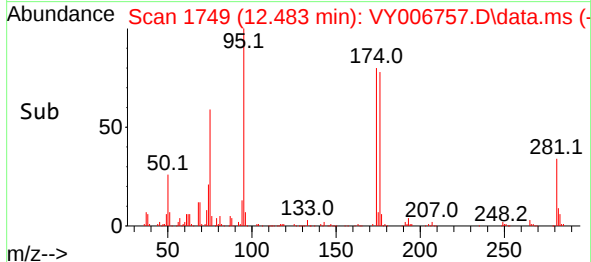
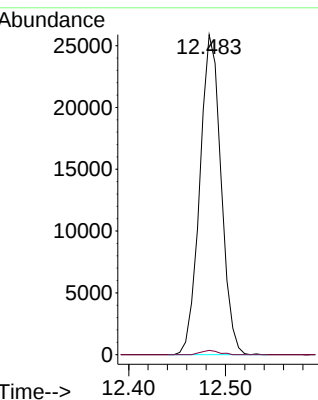
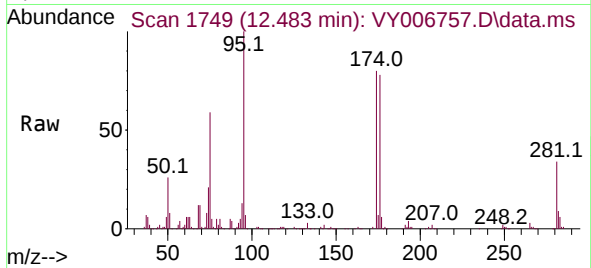




#76
1,2,3-Trichloropropane
Concen: 60.440 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006757.D
Acq: 16 Nov 2021 13:28

Instrument :
MSVOA_Y
ClientSampleId :
SU-02-111021

Tgt Ion: 75 Resp: 39523
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 119.760 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY006757.D
Acq: 16 Nov 2021 13:28

Tgt Ion: 75 Resp: 39523
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.7 39.3 58.9#

