

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112621\
 Data File : VY006898.D
 Acq On : 26 Nov 2021 14:32
 Operator : SY/MD
 Sample : M4786-04
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 29 03:03:37 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)

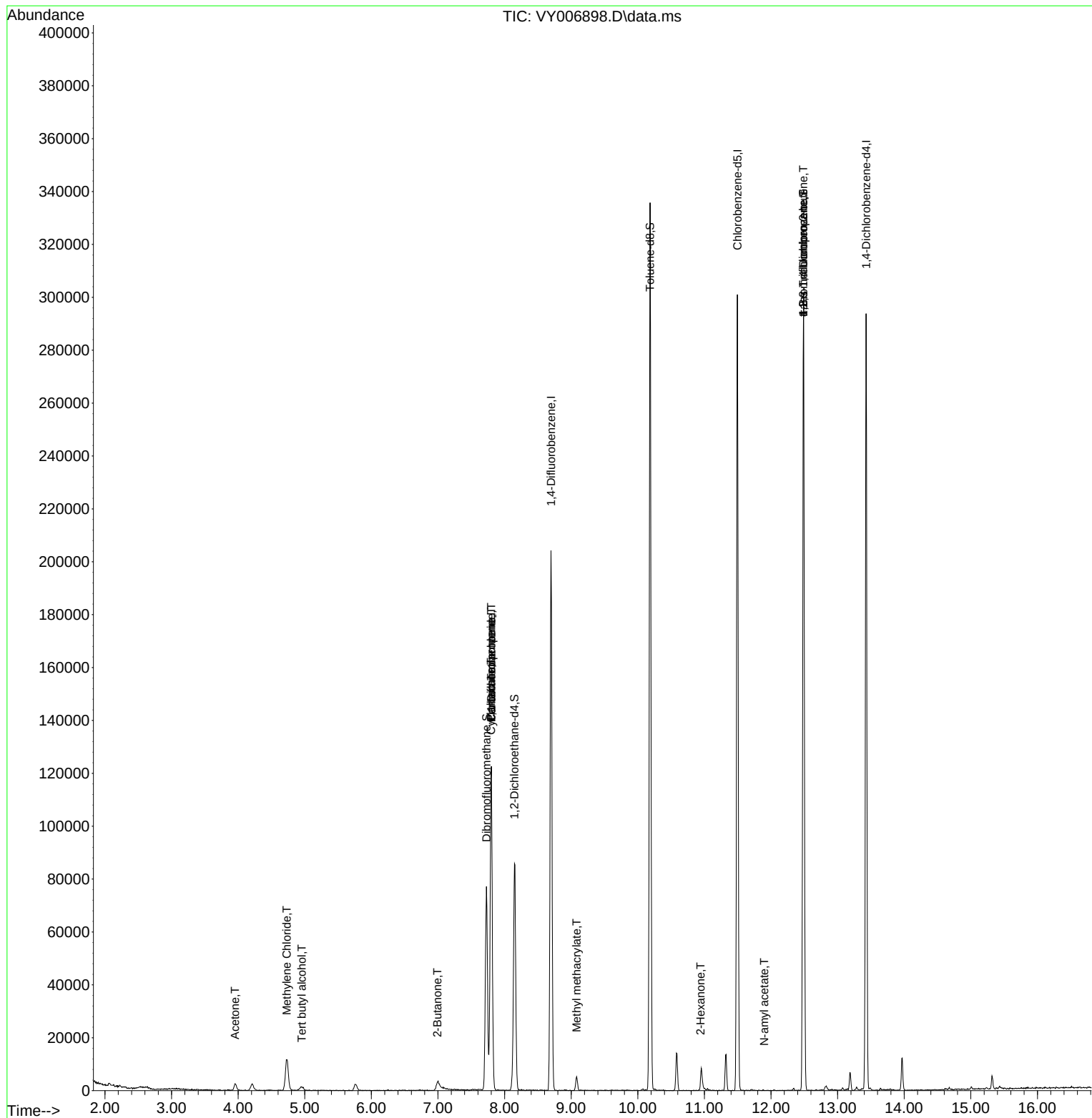
Internal Standards						
1) Pentafluorobenzene	7.801	168	90463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	158275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	157416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	69550	58.661	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.320%			
35) Dibromofluoromethane	7.728	113	49335	50.746	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.500%			
50) Toluene-d8	10.185	98	200236	49.772	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.540%			
62) 4-Bromofluorobenzene	12.483	95	66256	48.852	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.700%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.954	59	2454	13.763	ug/l #	74
16) Acetone	3.954	43	4572	12.692	ug/l #	86
20) Methylene Chloride	4.728	84	8217	4.528	ug/l	89
25) 2-Butanone	6.990	43	405	12.238	ug/l #	52
31) Cyclohexane	7.795	56	2328	1.117	ug/l #	43
36) 1,1-Dichloropropene	7.801	75	7840	4.557	ug/l #	50
38) Carbon Tetrachloride	7.801	117	9255	5.260	ug/l #	16
48) Methyl methacrylate	9.081	41	1379	1.349	ug/l #	44
59) 2-Hexanone	10.941	43	53	23.874	ug/l #	28
74) N-amyl acetate	11.898	43	48	3.178	ug/l #	47
76) 1,2,3-Trichloropropane	12.483	75	39291	50.252	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39291	99.572	ug/l #	7

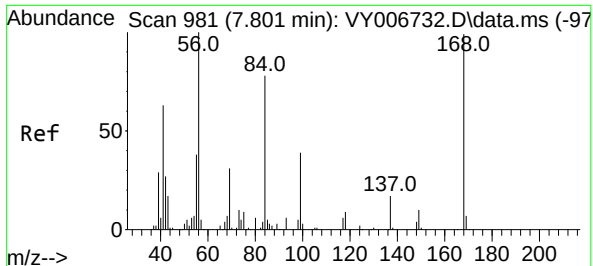
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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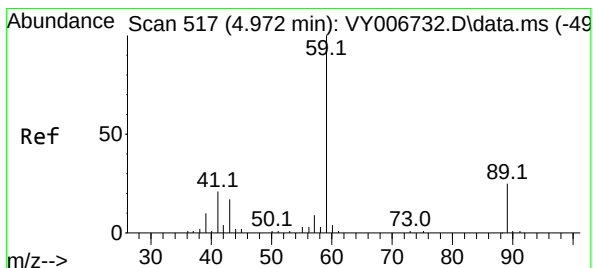
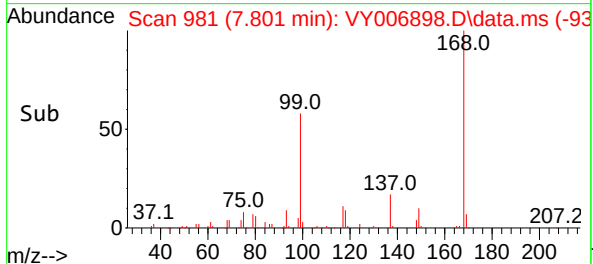
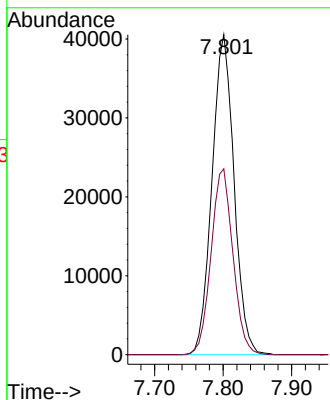
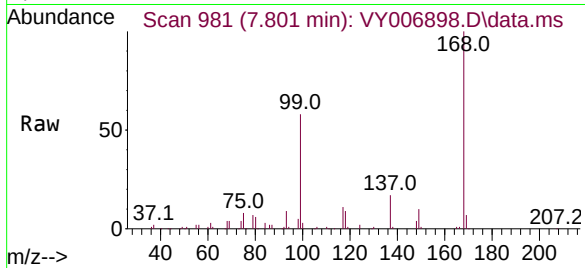




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006898.D
Acq: 26 Nov 2021 14:32

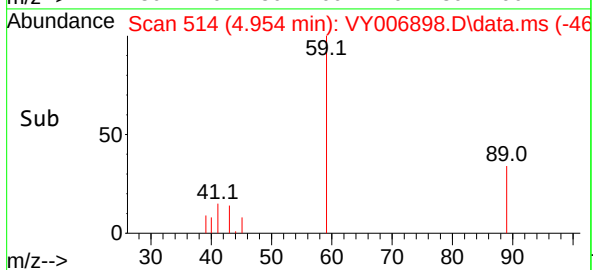
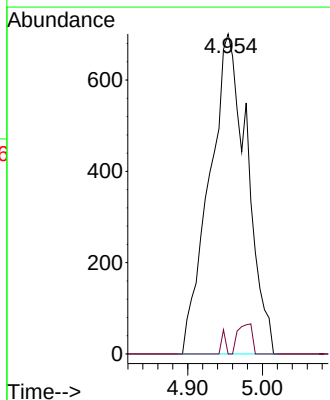
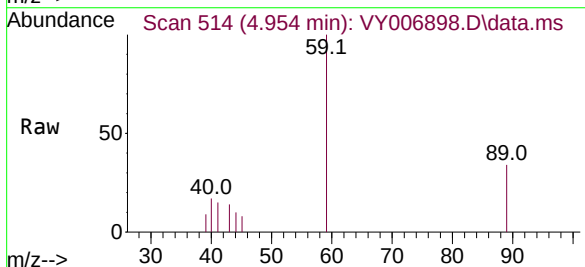
Instrument :
MSVOA_Y
ClientSampleId :

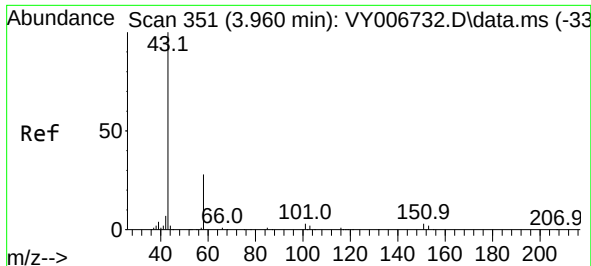
Tgt Ion:168 Resp: 90463
Ion Ratio Lower Upper
168 100
99 58.1 44.8 67.2



#11
Tert butyl alcohol
Concen: 13.763 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY006898.D
Acq: 26 Nov 2021 14:32

Tgt Ion: 59 Resp: 2454
Ion Ratio Lower Upper
59 100
57 0.8 8.2 12.4#

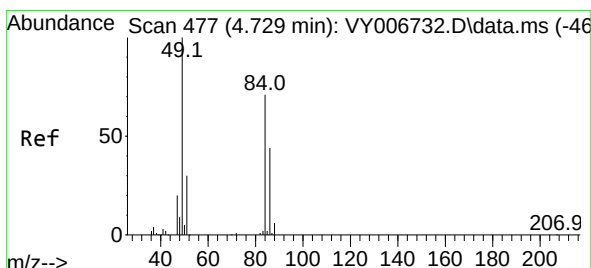
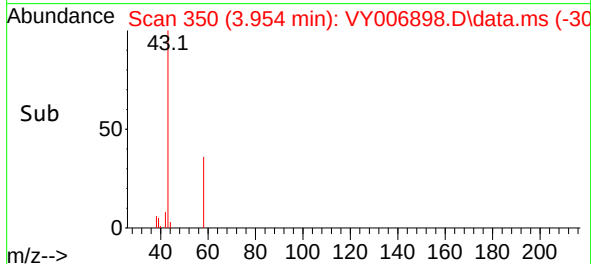
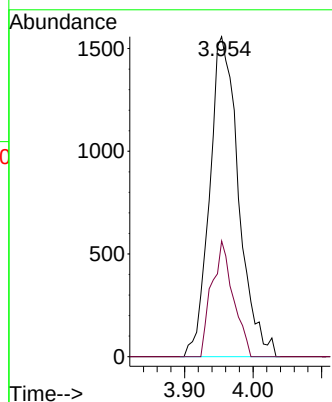
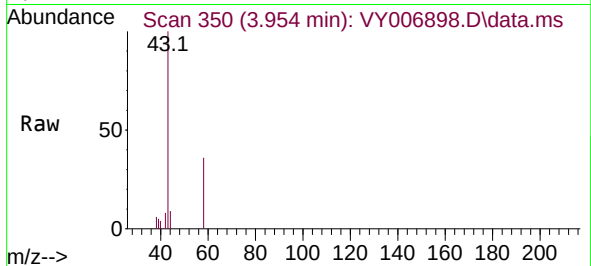




#16
Acetone
Concen: 12.692 ug/l
RT: 3.954 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY006898.D
Acq: 26 Nov 2021 14:32

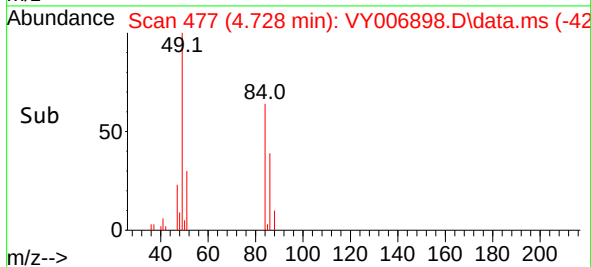
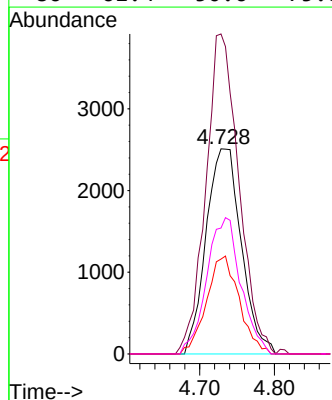
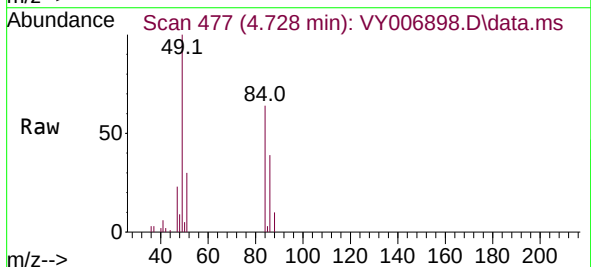
Instrument :
MSVOA_Y
ClientSampleId :

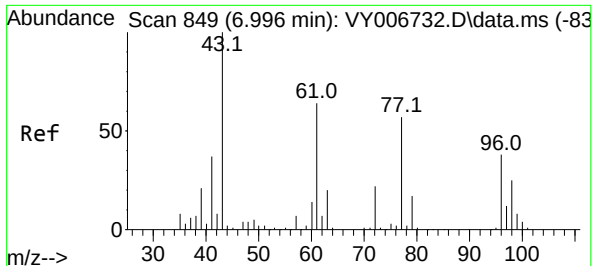
Tgt Ion: 43 Resp: 4572
Ion Ratio Lower Upper
43 100
58 36.1 22.9 34.3#



#20
Methylene Chloride
Concen: 4.528 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY006898.D
Acq: 26 Nov 2021 14:32

Tgt Ion: 84 Resp: 8217
Ion Ratio Lower Upper
84 100
49 153.8 107.8 161.8
51 46.3 32.8 49.2
86 61.4 50.6 75.8





#25

2-Butanone

Concen: 12.238 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY006898.D

Acq: 26 Nov 2021 14:32

Instrument :

MSVOA_Y

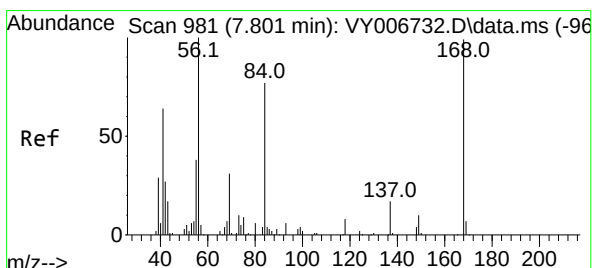
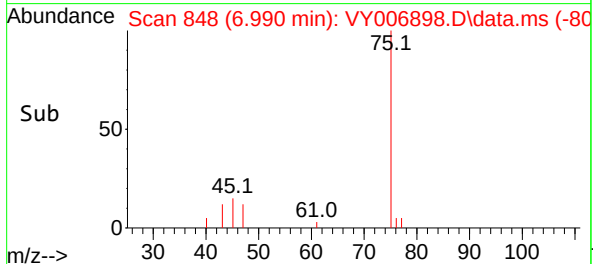
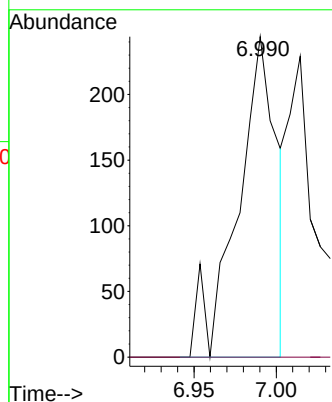
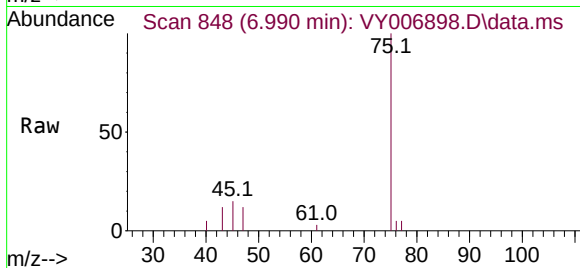
ClientSampleId :

Tgt Ion: 43 Resp: 405

Ion Ratio Lower Upper

43 100

72 0.0 18.9 28.3#



#31

Cyclohexane

Concen: 1.117 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.006 min

Lab File: VY006898.D

Acq: 26 Nov 2021 14:32

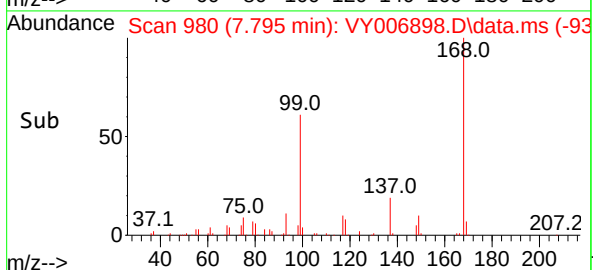
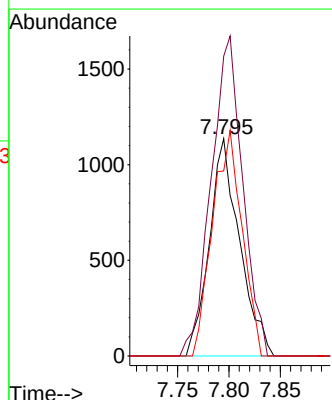
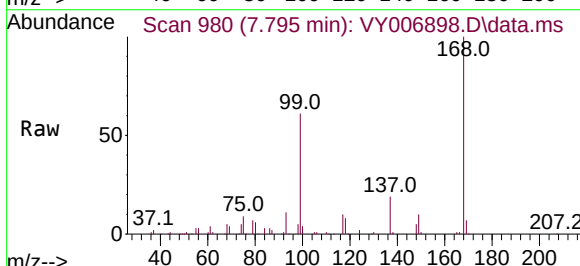
Tgt Ion: 56 Resp: 2328

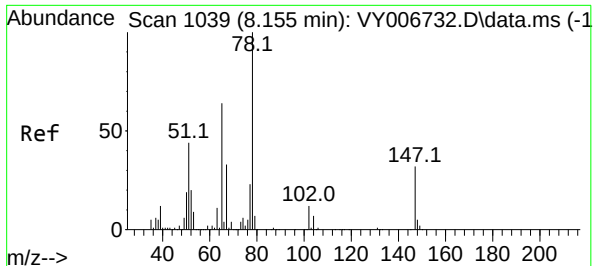
Ion Ratio Lower Upper

56 100

69 138.0 26.6 40.0#

84 85.1 65.0 97.4





#33

1,2-Dichloroethane-d4

Concen: 58.661 ug/l

RT: 8.149 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY006898.D

Acq: 26 Nov 2021 14:32

Instrument :

MSVOA_Y

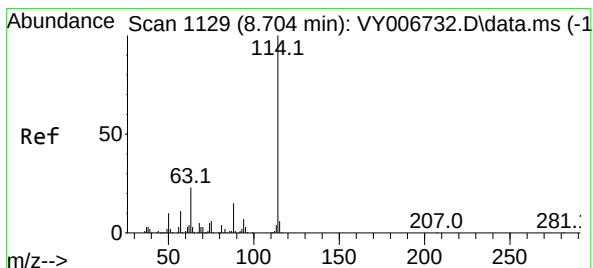
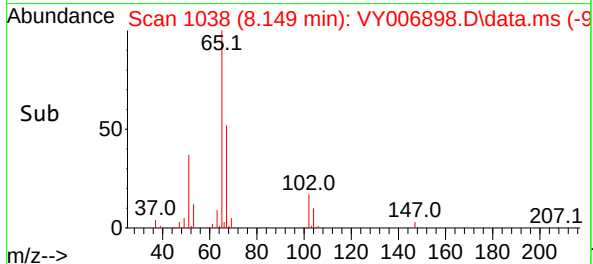
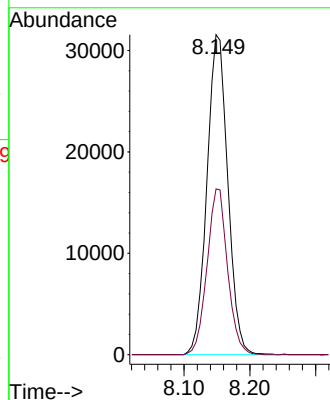
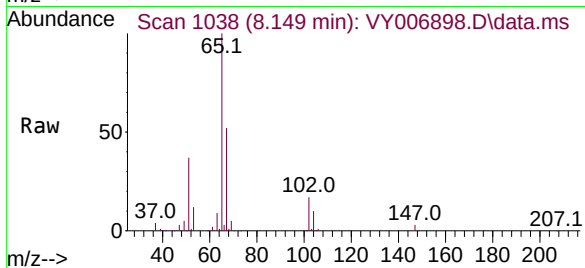
ClientSampleId :

Tgt Ion: 65 Resp: 69550

Ion Ratio Lower Upper

65 100

67 51.0 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: VY006898.D

Acq: 26 Nov 2021 14:32

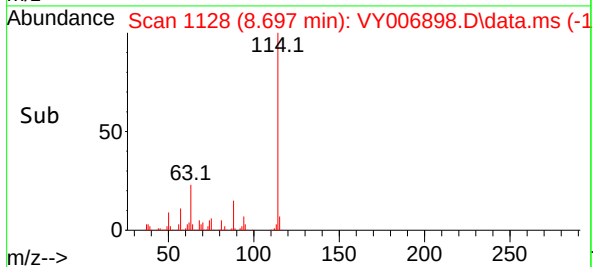
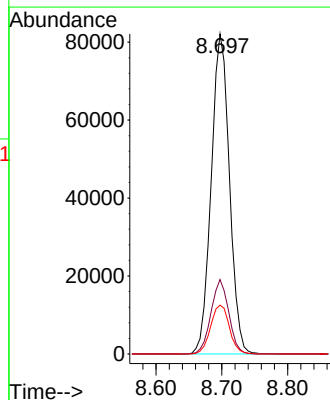
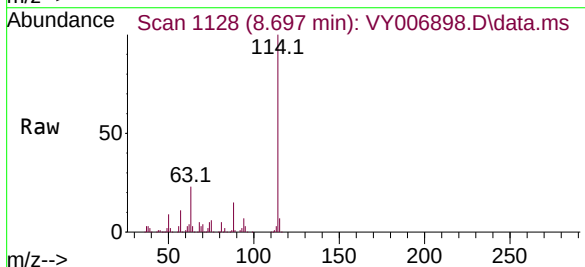
Tgt Ion: 114 Resp: 158275

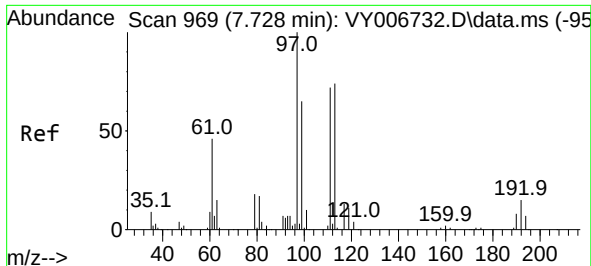
Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.0

88 15.3 0.0 30.6

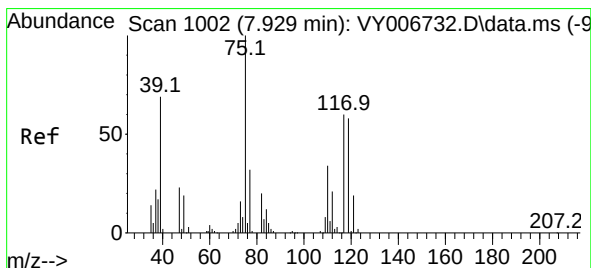
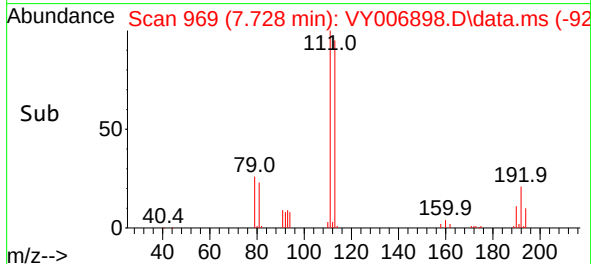
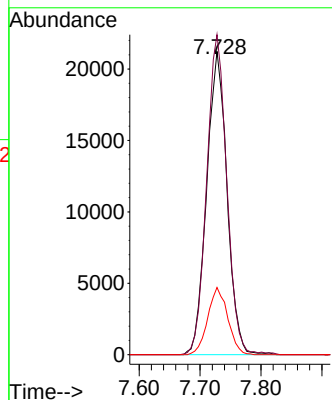
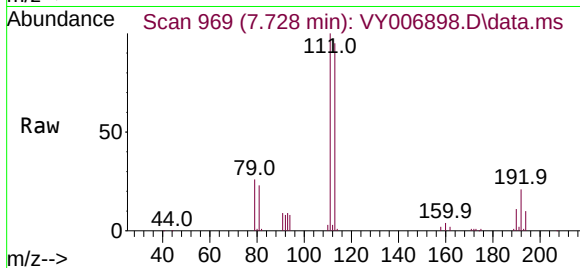




#35
Dibromofluoromethane
Concen: 50.746 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY006898.D
Acq: 26 Nov 2021 14:32

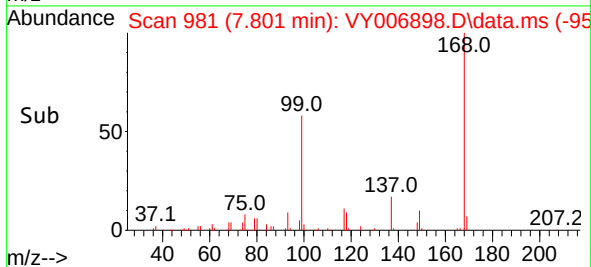
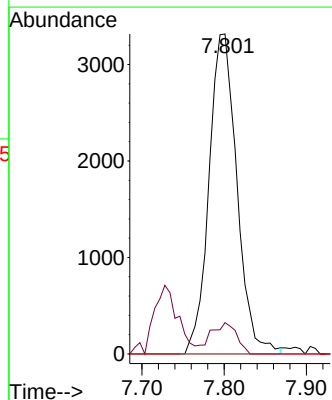
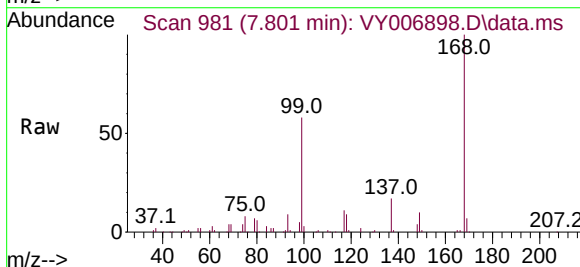
Instrument :
MSVOA_Y
ClientSampleId :

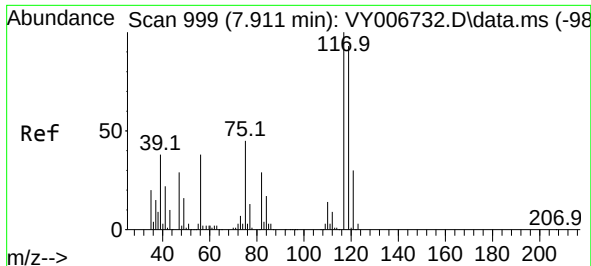
Tgt Ion:113 Resp: 49335
Ion Ratio Lower Upper
113 100
111 104.3 82.3 123.5
192 21.8 17.4 26.2



#36
1,1-Dichloropropene
Concen: 4.557 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY006898.D
Acq: 26 Nov 2021 14:32

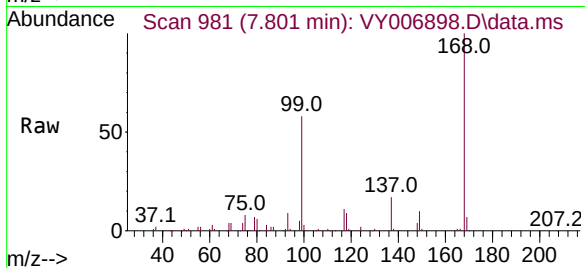
Tgt Ion: 75 Resp: 7840
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.3#
77 0.0 24.9 37.3#



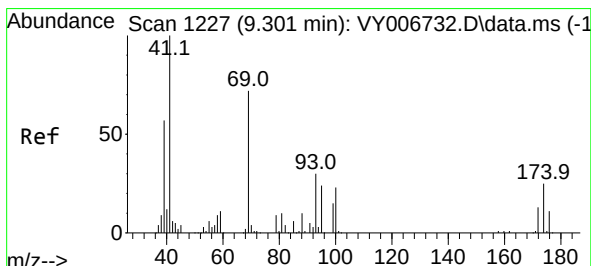
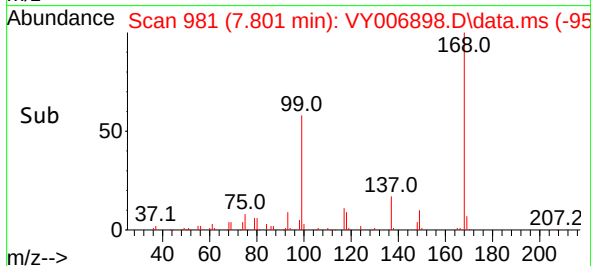
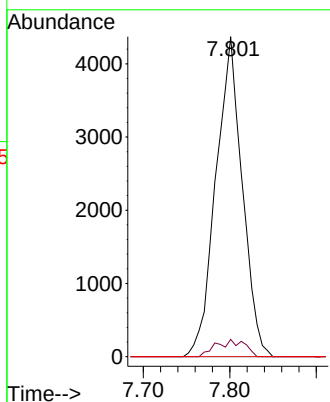


#38
Carbon Tetrachloride
Concen: 5.260 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006898.D
Acq: 26 Nov 2021 14:32

Instrument :
MSVOA_Y
ClientSampleId :

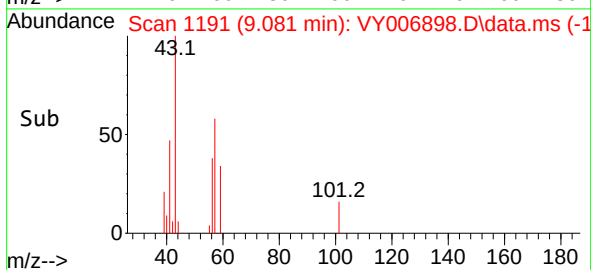
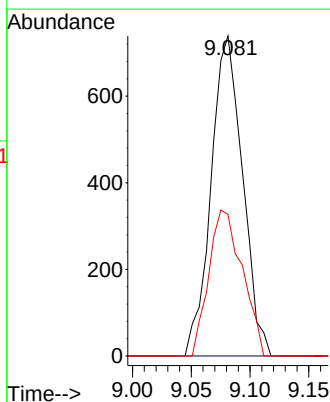
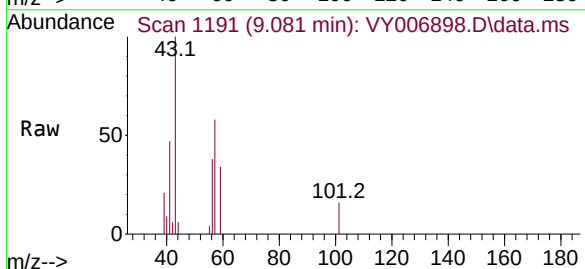


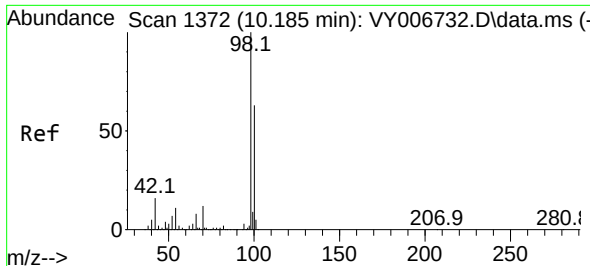
Tgt Ion:117 Resp: 9255
Ion Ratio Lower Upper
117 100
119 5.4 76.6 115.0#
121 0.0 24.7 37.1#



#48
Methyl methacrylate
Concen: 1.349 ug/l
RT: 9.081 min Scan# 1191
Delta R.T. -0.220 min
Lab File: VY006898.D
Acq: 26 Nov 2021 14:32

Tgt Ion: 41 Resp: 1379
Ion Ratio Lower Upper
41 100
69 0.0 60.4 90.6#
39 48.5 48.2 72.2

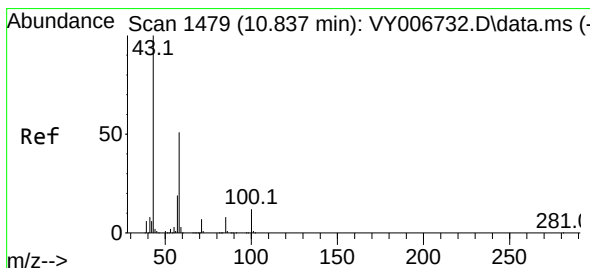
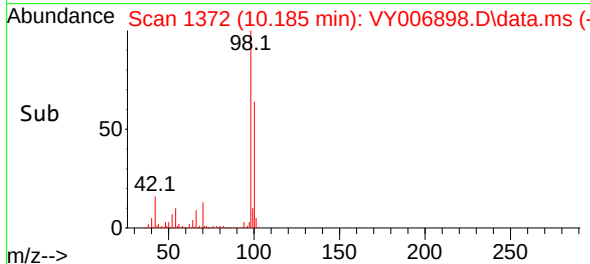
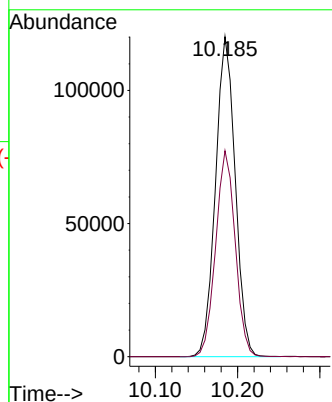
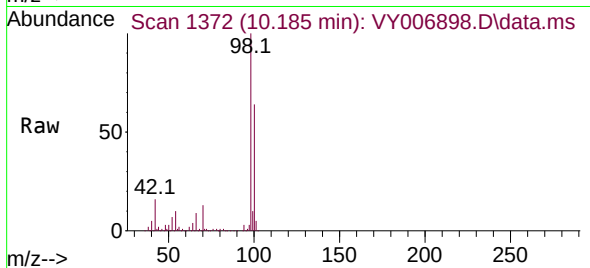




#50
Toluene-d8
Concen: 49.772 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006898.D
Acq: 26 Nov 2021 14:32

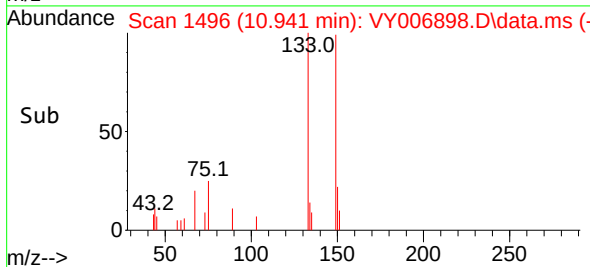
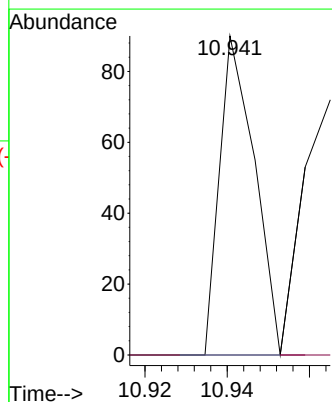
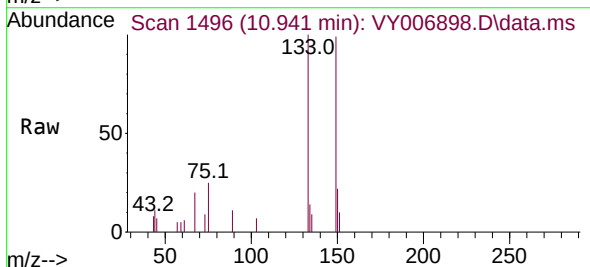
Instrument :
MSVOA_Y
ClientSampleId :

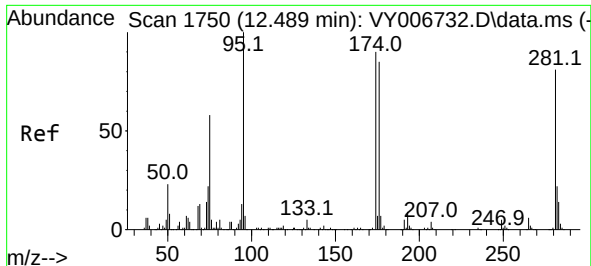
Tgt Ion: 98 Resp: 200236
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#59
2-Hexanone
Concen: 23.874 ug/l
RT: 10.941 min Scan# 1496
Delta R.T. 0.104 min
Lab File: VY006898.D
Acq: 26 Nov 2021 14:32

Tgt Ion: 43 Resp: 53
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#

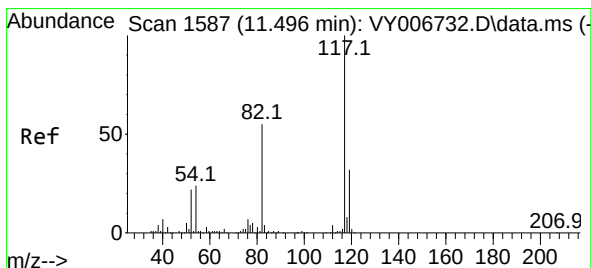
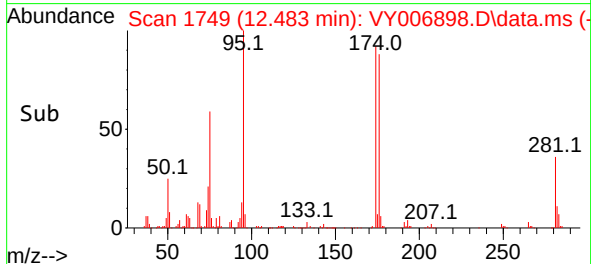
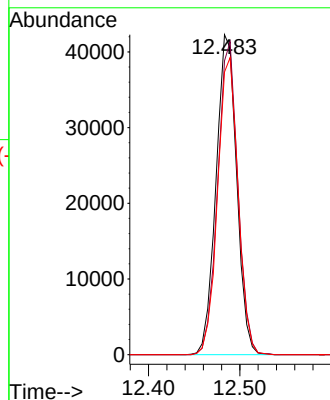
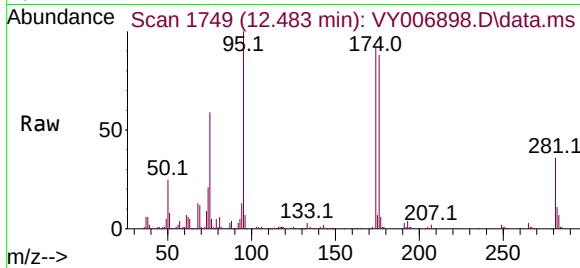




#62
4-Bromofluorobenzene
Concen: 48.852 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006898.D
Acq: 26 Nov 2021 14:32

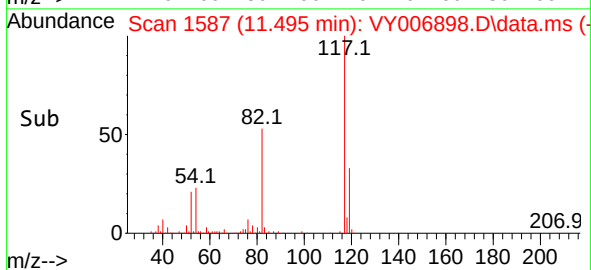
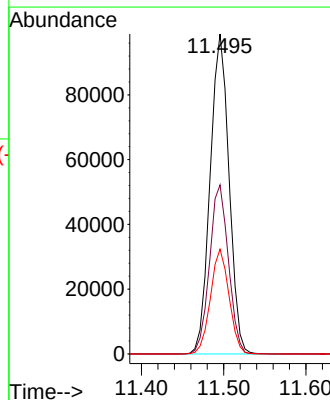
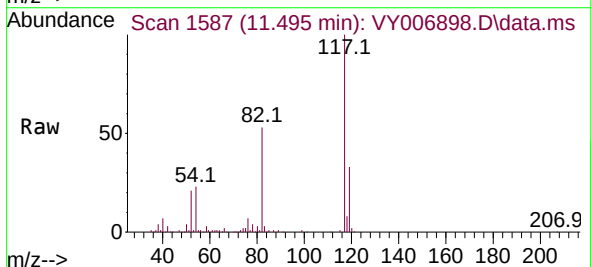
Instrument :
MSVOA_Y
ClientSampleId :

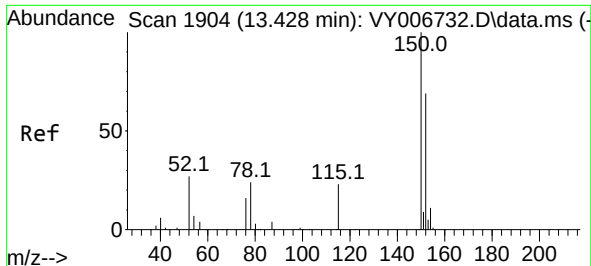
Tgt Ion: 95 Resp: 66256
Ion Ratio Lower Upper
95 100
174 95.9 0.0 177.0
176 92.2 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006898.D
Acq: 26 Nov 2021 14:32

Tgt Ion: 117 Resp: 157416
Ion Ratio Lower Upper
117 100
82 52.8 45.7 68.5
119 32.7 25.5 38.3

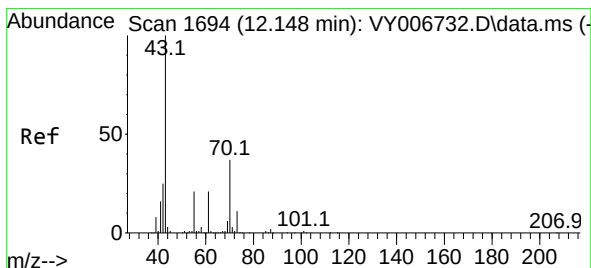
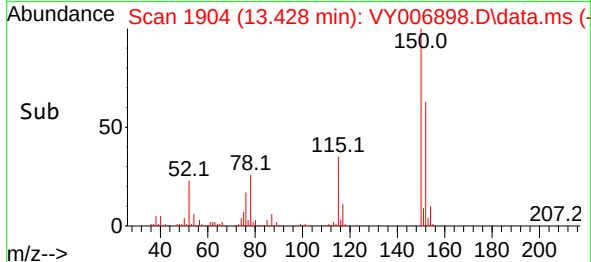
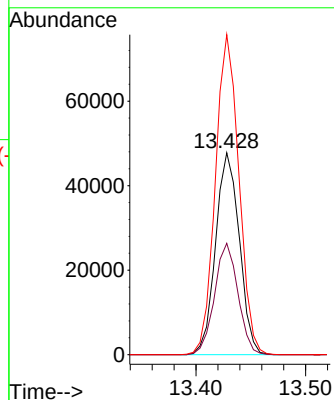
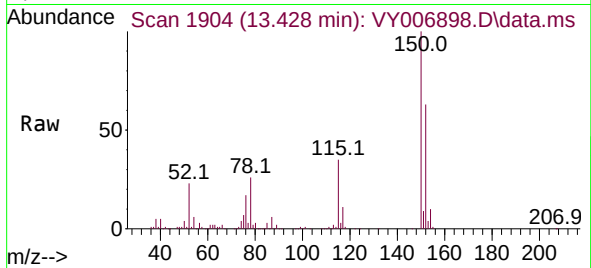




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006898.D
Acq: 26 Nov 2021 14:32

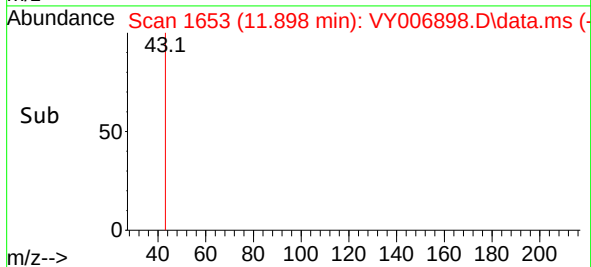
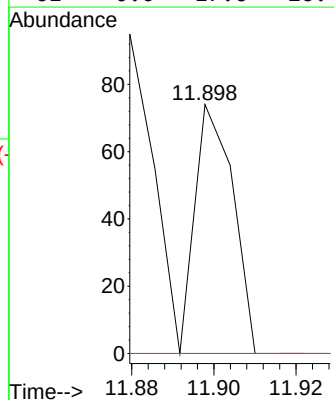
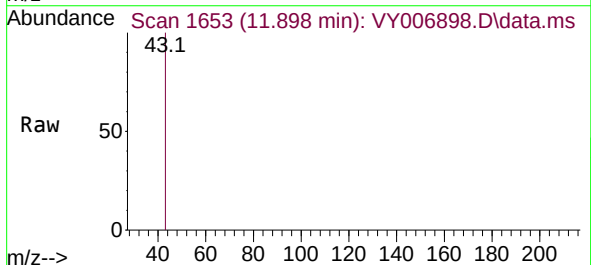
Instrument :
MSVOA_Y
ClientSampleId :

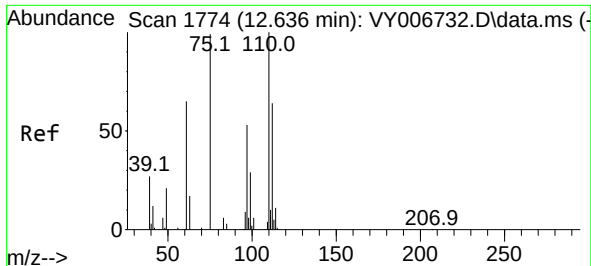
Tgt Ion:152 Resp: 71916
Ion Ratio Lower Upper
152 100
115 54.5 28.5 85.5
150 157.2 0.0 348.2



#74
N-ethyl acetate
Concen: 3.178 ug/l
RT: 11.898 min Scan# 1653
Delta R.T. -0.250 min
Lab File: VY006898.D
Acq: 26 Nov 2021 14:32

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#

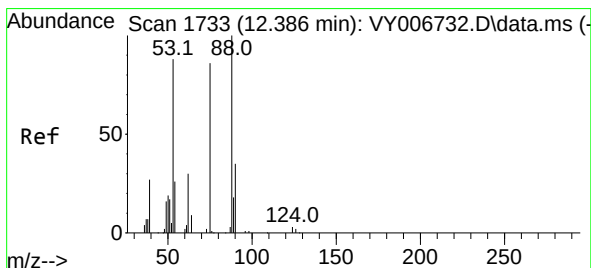
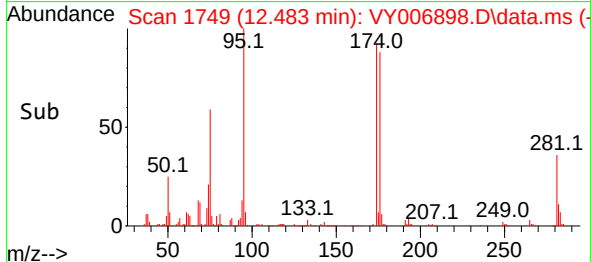
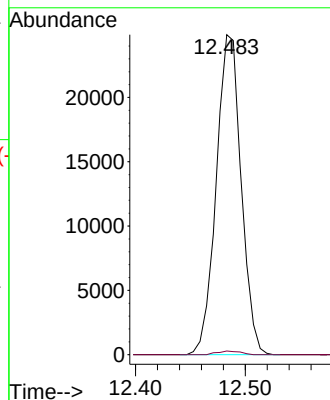
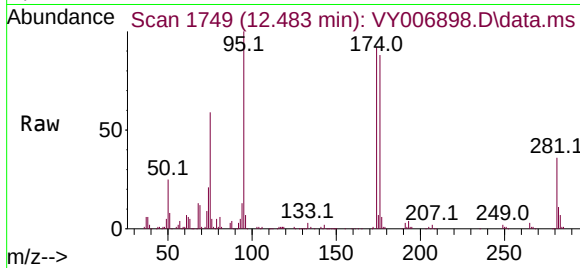




#76
1,2,3-Trichloropropane
Concen: 50.252 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006898.D
Acq: 26 Nov 2021 14:32

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 39291
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.572 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY006898.D
Acq: 26 Nov 2021 14:32

Tgt Ion: 75 Resp: 39291
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.4 39.3 58.9#

