

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112321\
 Data File : VY006869.D
 Acq On : 23 Nov 2021 14:58
 Operator : SY/MD
 Sample : M4812-01RE
 Misc : 5.42G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 24 02:04:45 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)

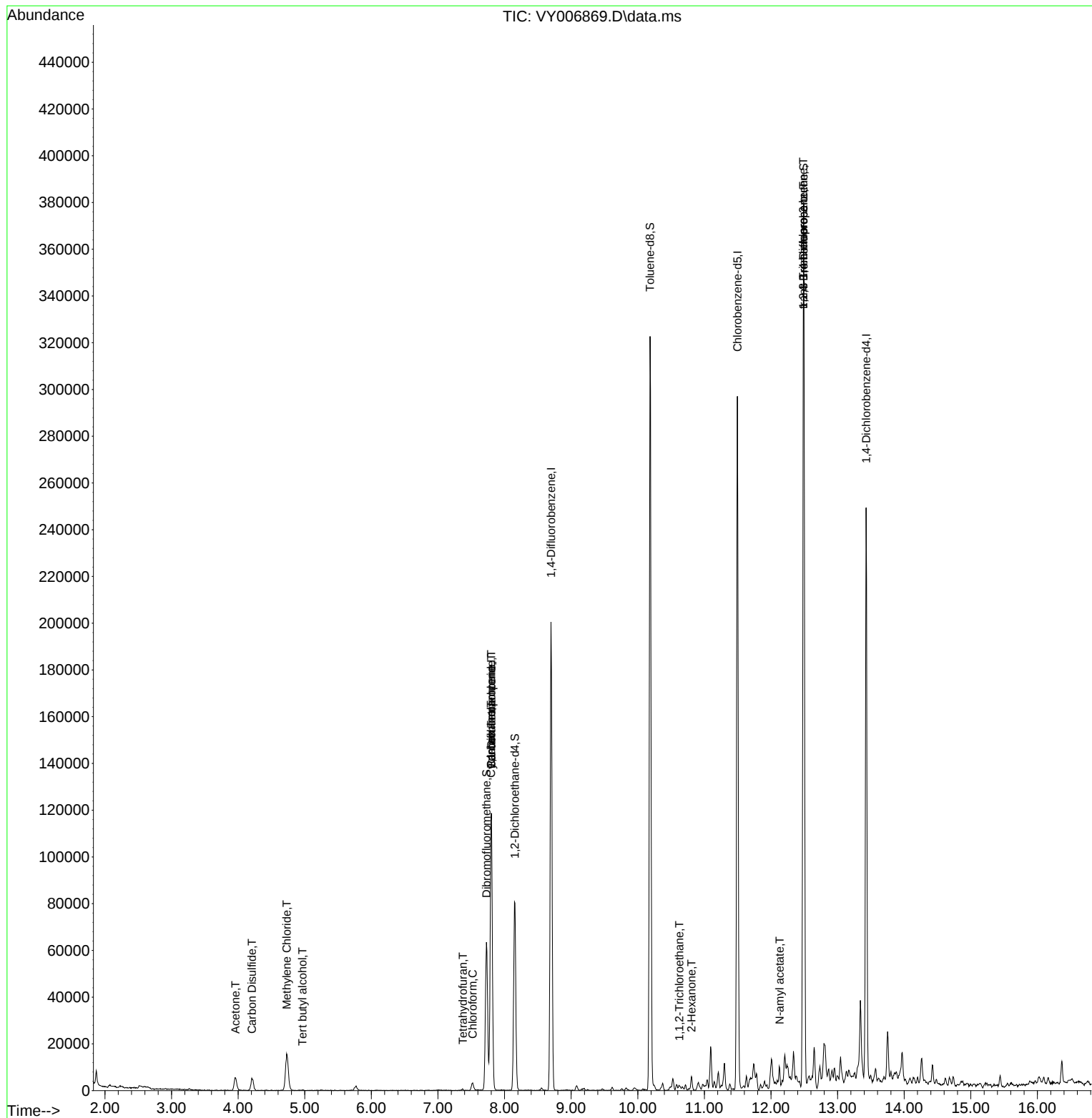
Internal Standards						
1) Pentafluorobenzene	7.801	168	90270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	154133	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	144066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	62172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	66861	56.514	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.020%			
35) Dibromofluoromethane	7.728	113	41976	44.337	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 88.680%			
50) Toluene-d8	10.185	98	196408	50.133	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.260%			
62) 4-Bromofluorobenzene	12.489	95	62490	47.313	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.620%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.966	59	290	1.630	ug/l #	72
16) Acetone	3.960	43	10324	28.721	ug/l	99
17) Carbon Disulfide	4.204	76	9955	3.227	ug/l #	95
20) Methylene Chloride	4.729	84	10329	6.660	ug/l	90
29) Tetrahydrofuran	7.375	42	385	1.291	ug/l #	54
30) Chloroform	7.521	83	3039	1.594	ug/l	91
31) Cyclohexane	7.795	56	2420	1.164	ug/l #	48
36) 1,1-Dichloropropene	7.801	75	7349	4.387	ug/l #	50
38) Carbon Tetrachloride	7.801	117	8955	5.226	ug/l #	15
55) 1,1,2-Trichloroethane	10.624	97	858	1.014	ug/l #	16
59) 2-Hexanone	10.807	43	2400	26.490	ug/l #	28
74) N-amyl acetate	12.130	43	1708	4.088	ug/l #	55
76) 1,2,3-Trichloropropane	12.483	75	36985	54.716	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	36985	108.418	ug/l #	7

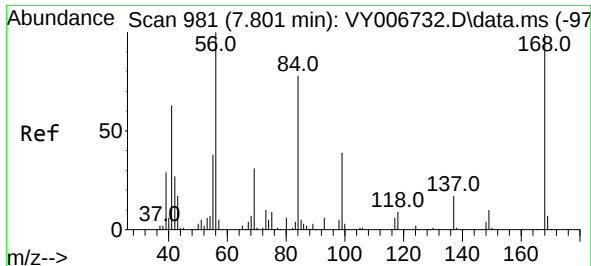
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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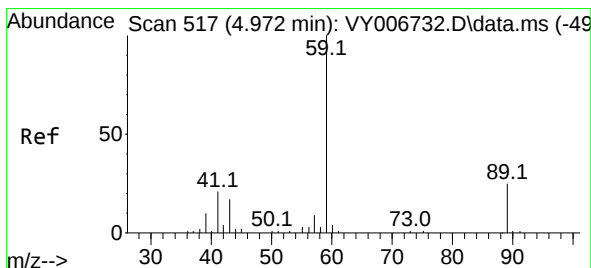
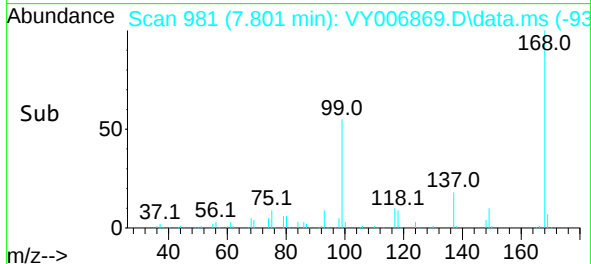
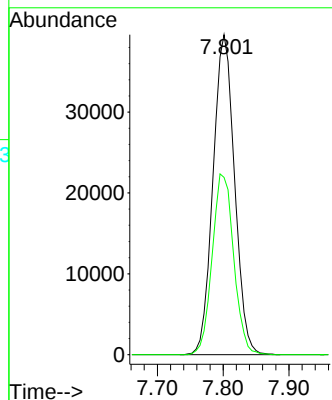
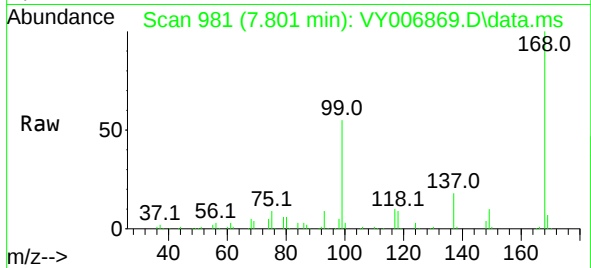




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006869.D
Acq: 23 Nov 2021 14:58

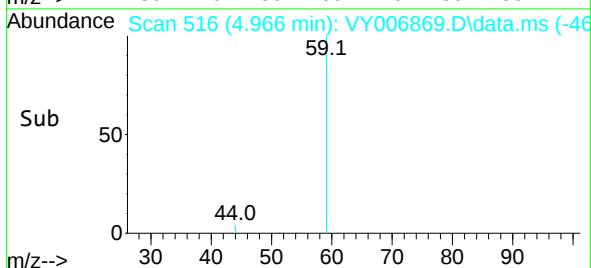
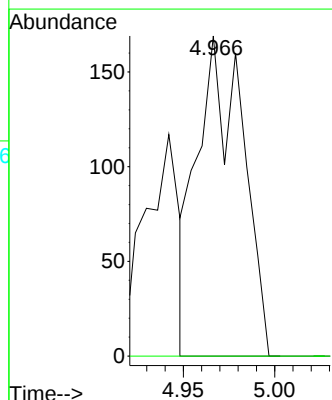
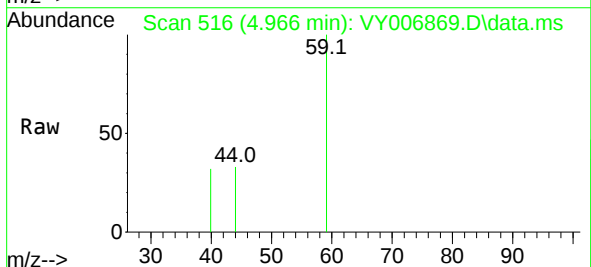
Instrument :
MSVOA_Y
ClientSampleId :

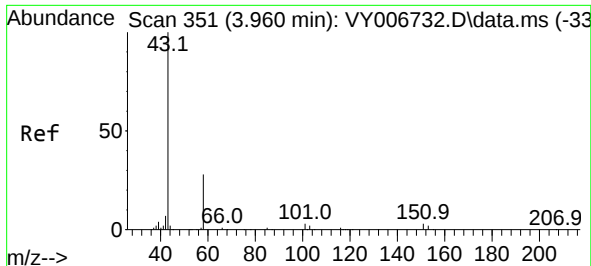
Tgt Ion:168 Resp: 90270
Ion Ratio Lower Upper
168 100
99 55.4 44.8 67.2



#11
Tert butyl alcohol
Concen: 1.630 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY006869.D
Acq: 23 Nov 2021 14:58

Tgt Ion: 59 Resp: 290
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#16

Acetone

Concen: 28.721 ug/l

RT: 3.960 min Scan# 351

Delta R.T. 0.000 min

Lab File: VY006869.D

Acq: 23 Nov 2021 14:58

Instrument :

MSVOA_Y

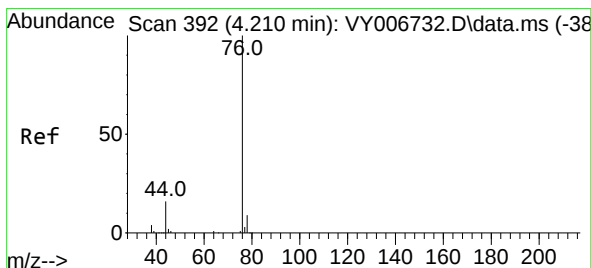
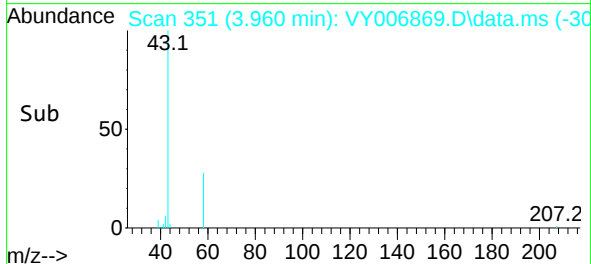
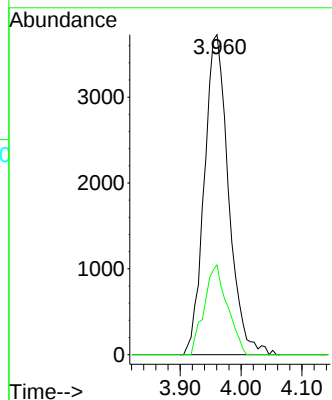
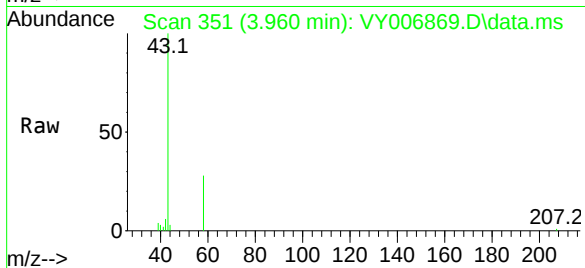
ClientSampleId :

Tgt Ion: 43 Resp: 10324

Ion Ratio Lower Upper

43 100

58 28.0 22.9 34.3



#17

Carbon Disulfide

Concen: 3.227 ug/l

RT: 4.204 min Scan# 391

Delta R.T. -0.006 min

Lab File: VY006869.D

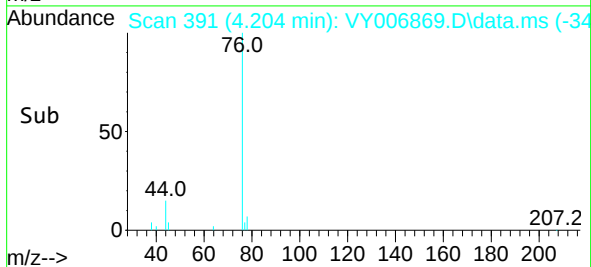
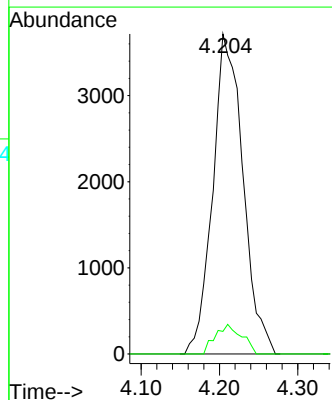
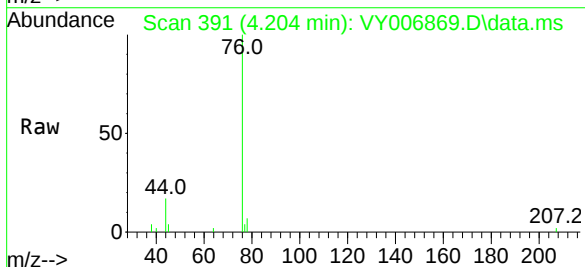
Acq: 23 Nov 2021 14:58

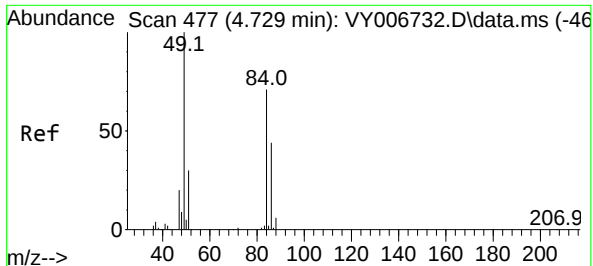
Tgt Ion: 76 Resp: 9955

Ion Ratio Lower Upper

76 100

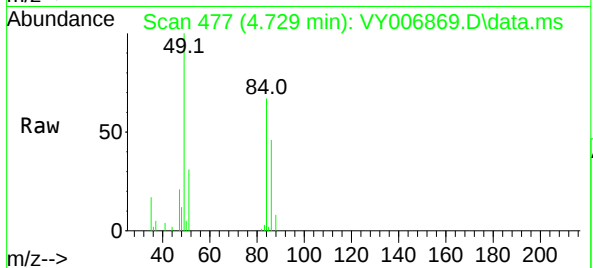
78 7.1 7.1 10.7#





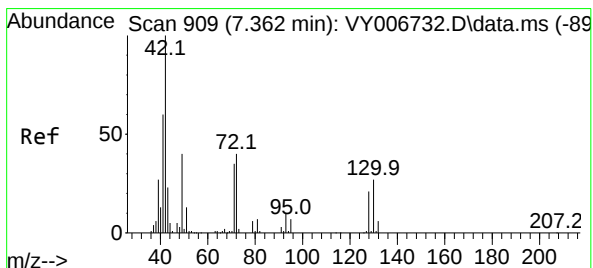
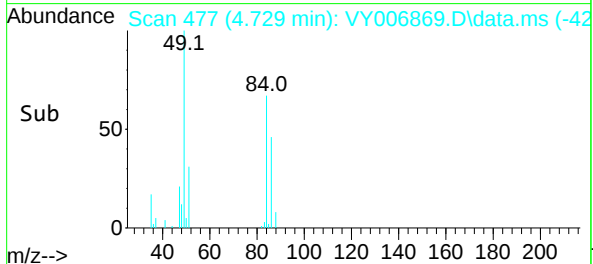
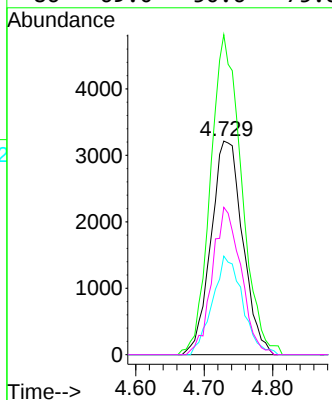
#20
Methylene Chloride
Concen: 6.660 ug/l
RT: 4.729 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY006869.D
Acq: 23 Nov 2021 14:58

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 10329

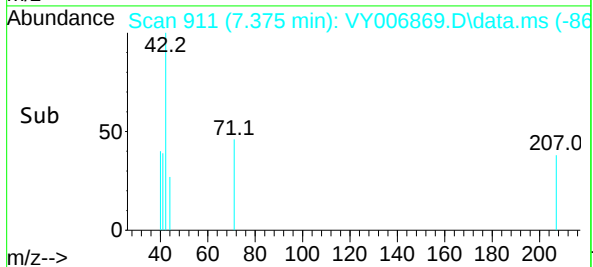
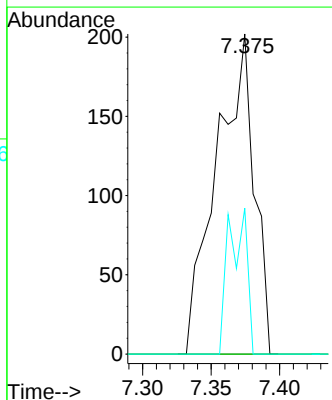
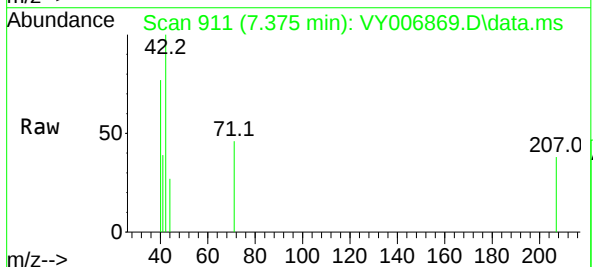
Ion	Ratio	Lower	Upper
84	100		
49	149.8	107.8	161.8
51	46.1	32.8	49.2
86	69.0	50.6	75.8

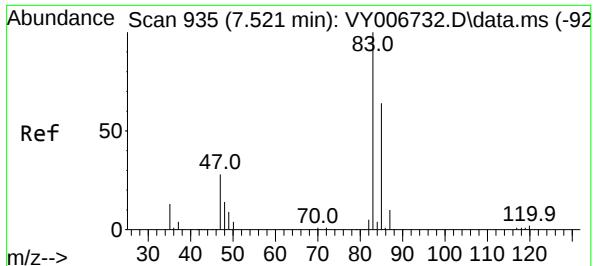


#29
Tetrahydrofuran
Concen: 1.291 ug/l
RT: 7.375 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY006869.D
Acq: 23 Nov 2021 14:58

Tgt Ion: 42 Resp: 385

Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.0	48.0#
71	22.3	30.3	45.5#

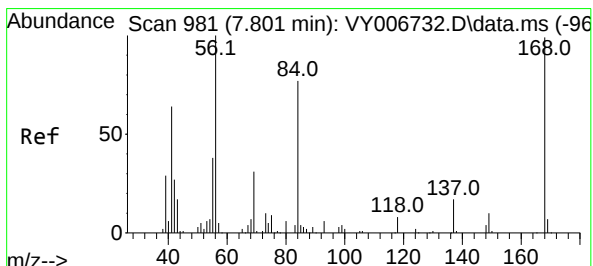
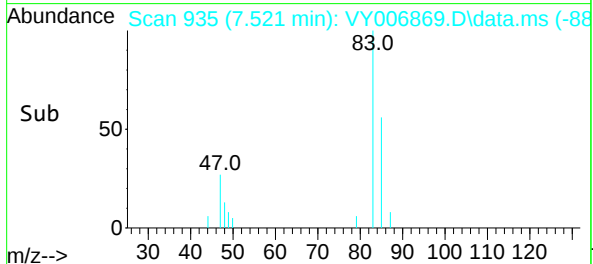
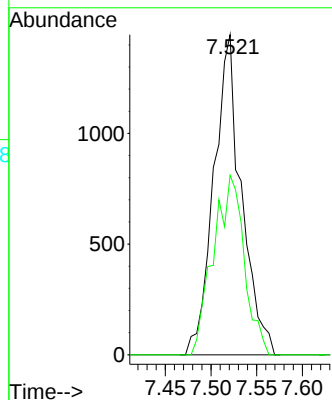
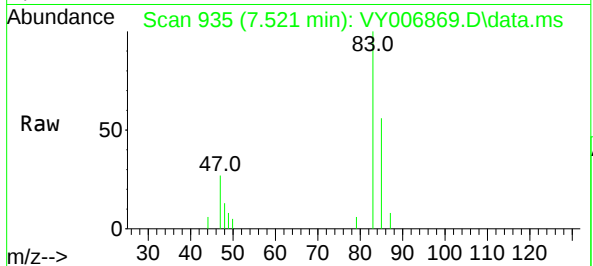




#30
Chloroform
Concen: 1.594 ug/l
RT: 7.521 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006869.D
Acq: 23 Nov 2021 14:58

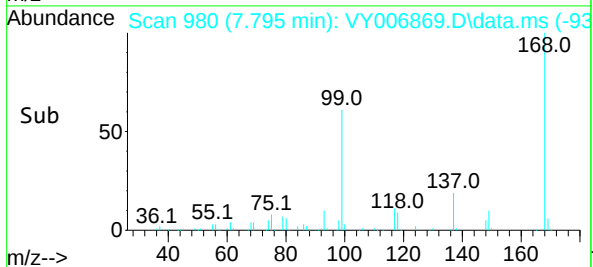
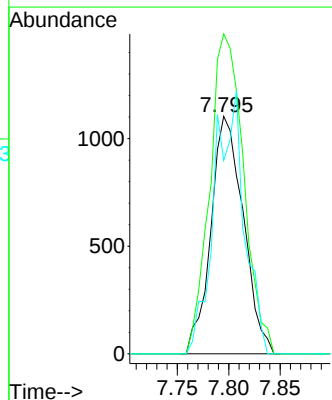
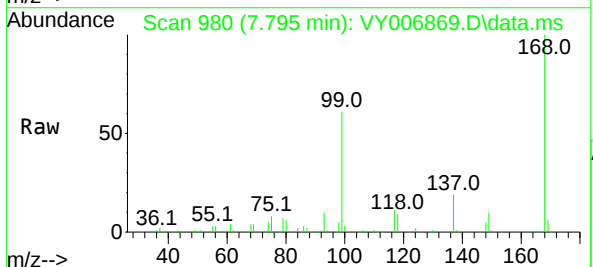
Instrument :
MSVOA_Y
ClientSampleId :

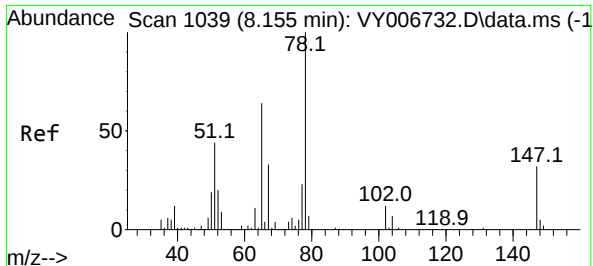
Tgt Ion: 83 Resp: 3039
Ion Ratio Lower Upper
83 100
85 56.1 50.2 75.4



#31
Cyclohexane
Concen: 1.164 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY006869.D
Acq: 23 Nov 2021 14:58

Tgt Ion: 56 Resp: 2420
Ion Ratio Lower Upper
56 100
69 134.7 26.6 40.0#
84 81.5 65.0 97.4





#33

1,2-Dichloroethane-d4

Concen: 56.514 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY006869.D

Acq: 23 Nov 2021 14:58

Instrument :

MSVOA_Y

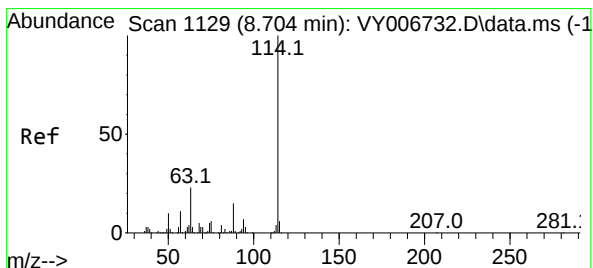
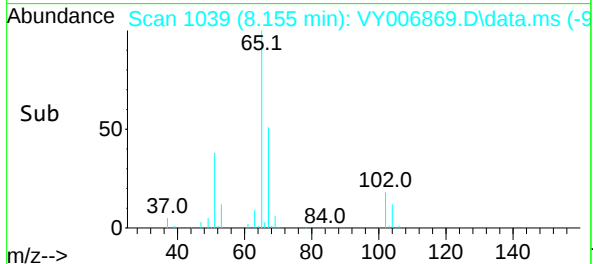
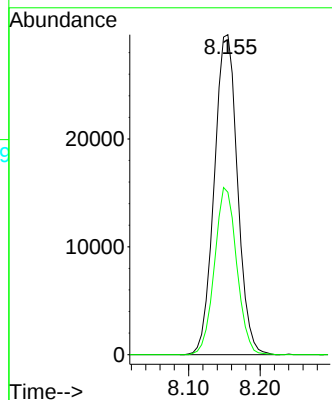
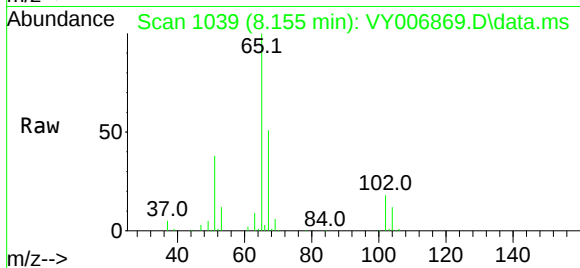
ClientSampleId :

Tgt Ion: 65 Resp: 66861

Ion Ratio Lower Upper

65 100

67 50.0 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: VY006869.D

Acq: 23 Nov 2021 14:58

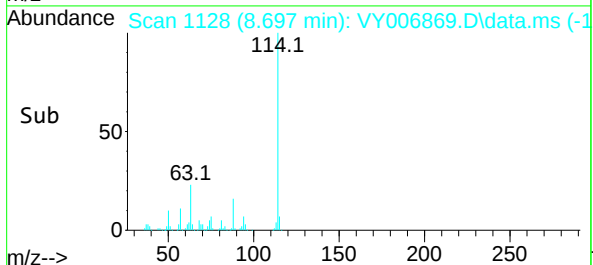
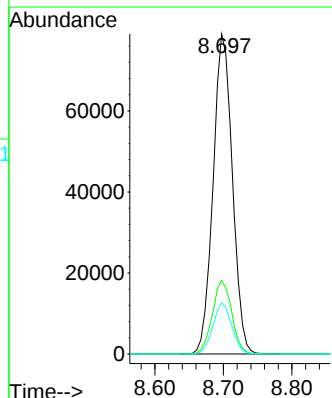
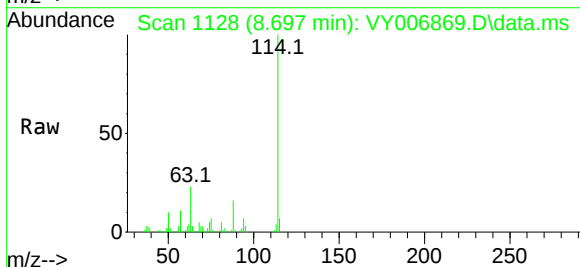
Tgt Ion: 114 Resp: 154133

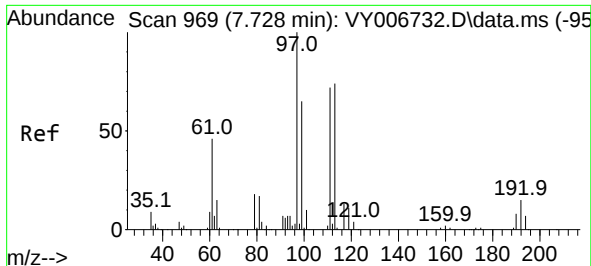
Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.0

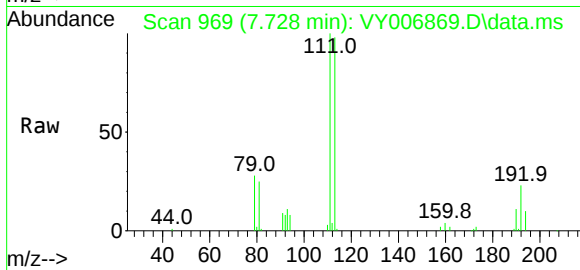
88 16.0 0.0 30.6



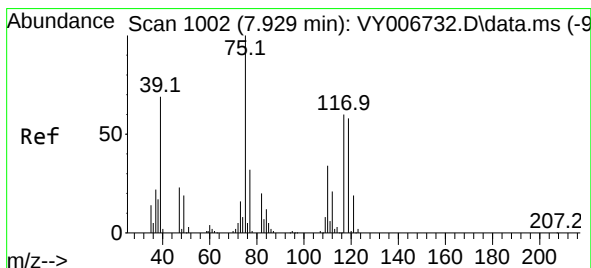
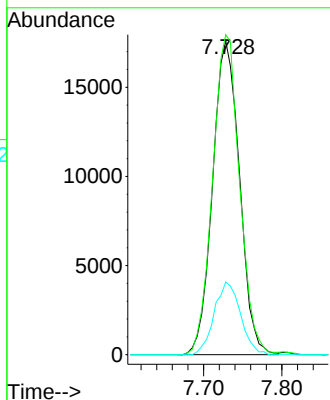
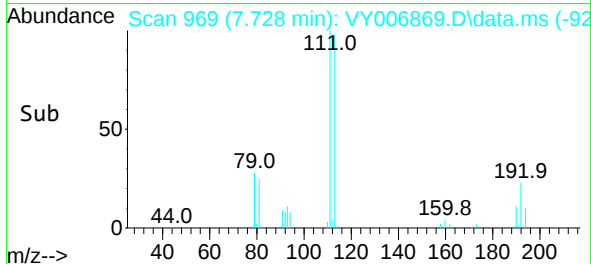


#35
Dibromofluoromethane
Concen: 44.337 ug/l
RT: 7.728 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY006869.D
Acq: 23 Nov 2021 14:58

Instrument :
MSVOA_Y
ClientSampleId :

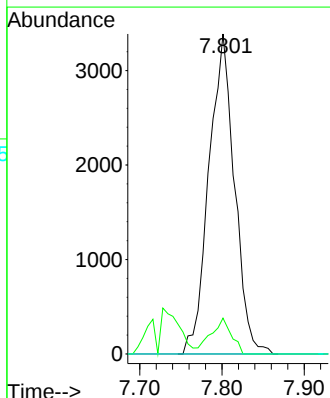
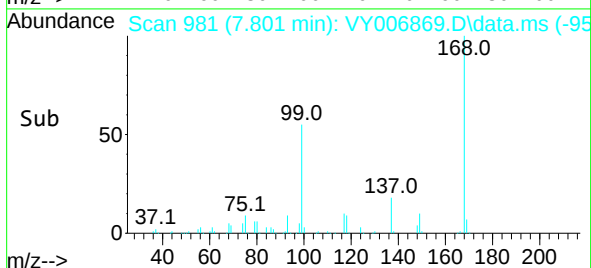
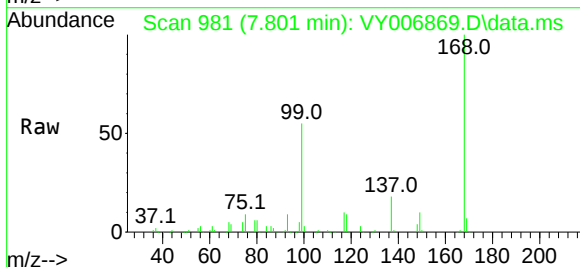


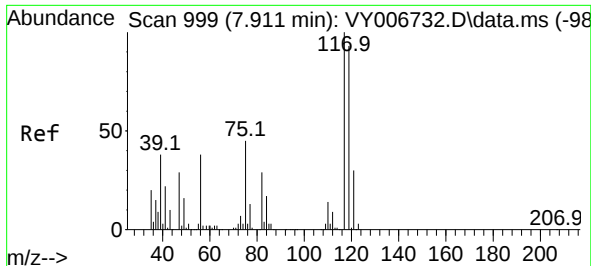
Tgt Ion:113 Resp: 41976
Ion Ratio Lower Upper
113 100
111 102.8 82.3 123.5
192 22.6 17.4 26.2



#36
1,1-Dichloropropene
Concen: 4.387 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY006869.D
Acq: 23 Nov 2021 14:58

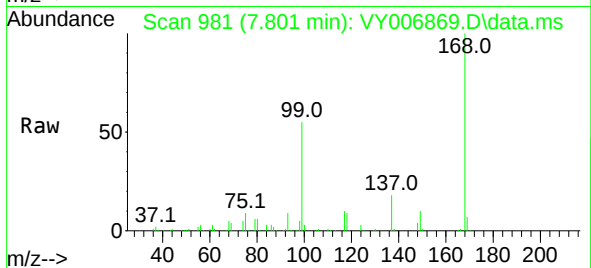
Tgt Ion: 75 Resp: 7349
Ion Ratio Lower Upper
75 100
110 9.1 17.1 51.3#
77 0.0 24.9 37.3#



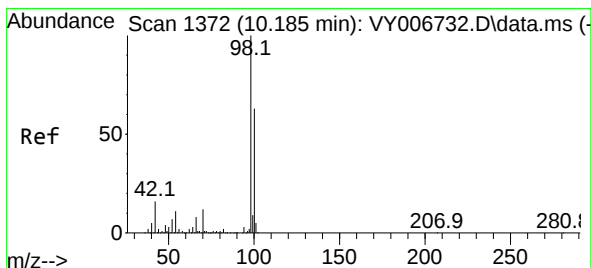
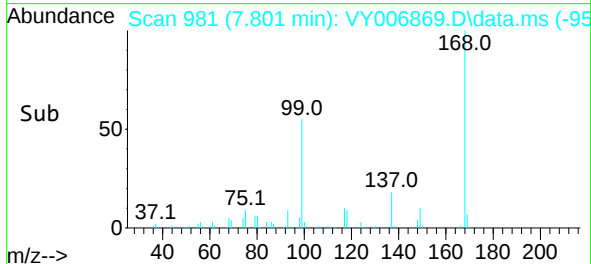
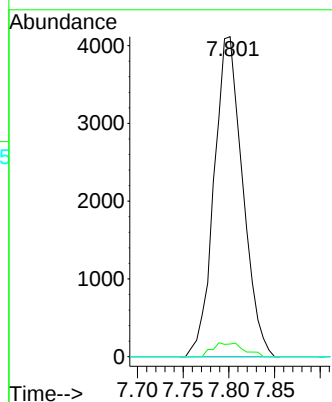


#38
Carbon Tetrachloride
Concen: 5.226 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006869.D
Acq: 23 Nov 2021 14:58

Instrument :
MSVOA_Y
ClientSampleId :

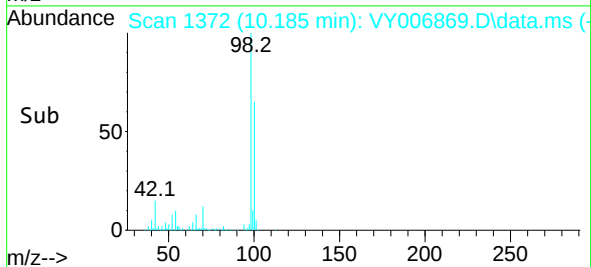
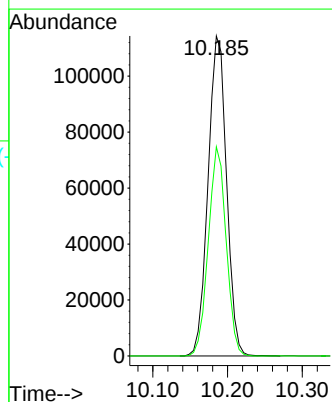
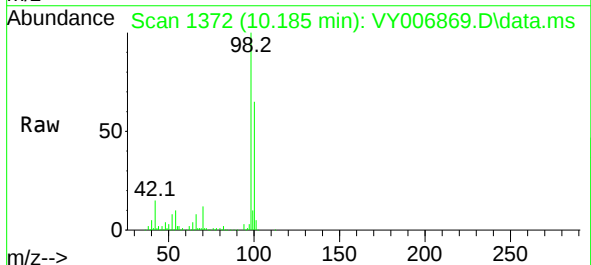


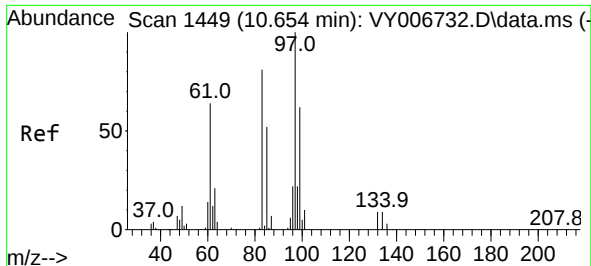
Tgt Ion:117 Resp: 8955
Ion Ratio Lower Upper
117 100
119 4.0 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 50.133 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006869.D
Acq: 23 Nov 2021 14:58

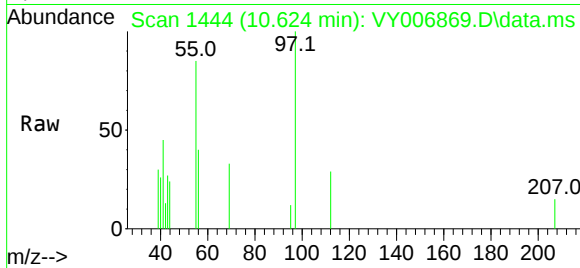
Tgt Ion: 98 Resp: 196408
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3



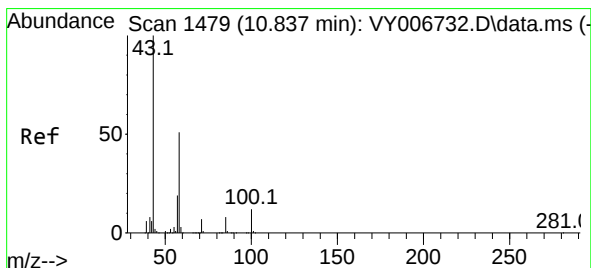
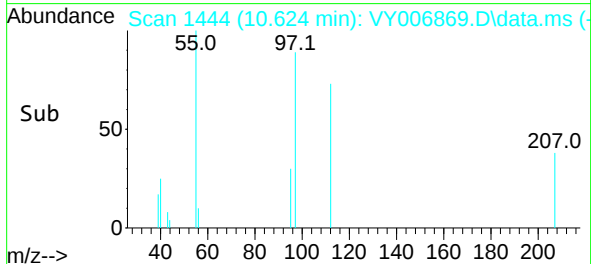
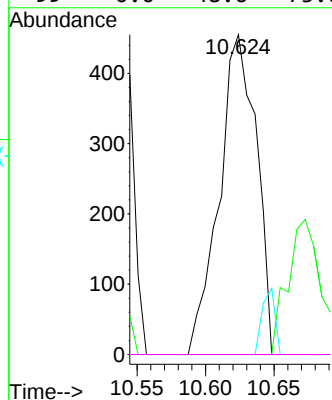


#55
1,1,2-Trichloroethane
Concen: 1.014 ug/l
RT: 10.624 min Scan# 1444
Delta R.T. -0.030 min
Lab File: VY006869.D
Acq: 23 Nov 2021 14:58

Instrument :
MSVOA_Y
ClientSampleId :

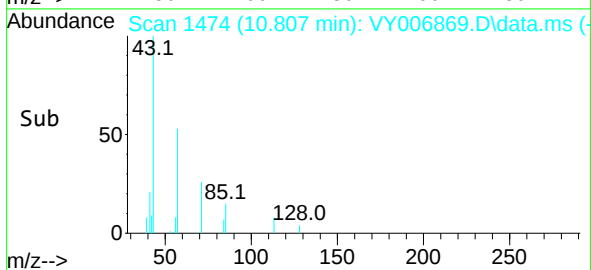
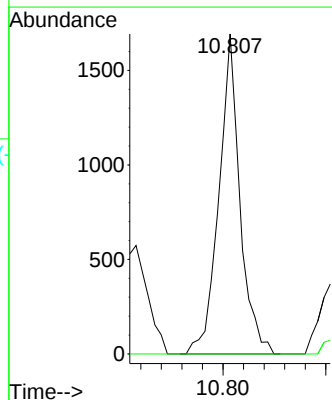
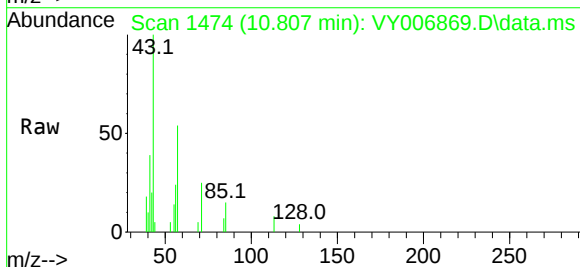


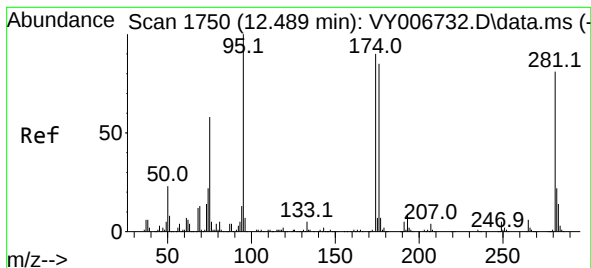
Tgt Ion: 97 Resp: 858
Ion Ratio Lower Upper
97 100
83 0.0 66.2 99.2#
85 0.0 42.2 63.4#
99 0.0 48.6 73.0#



#59
2-Hexanone
Concen: 26.490 ug/l
RT: 10.807 min Scan# 1474
Delta R.T. -0.030 min
Lab File: VY006869.D
Acq: 23 Nov 2021 14:58

Tgt Ion: 43 Resp: 2400
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#

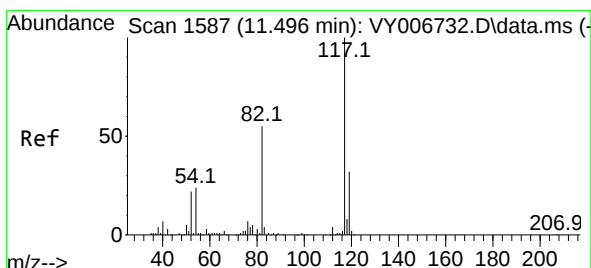
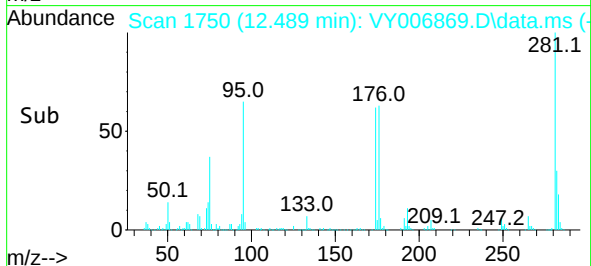
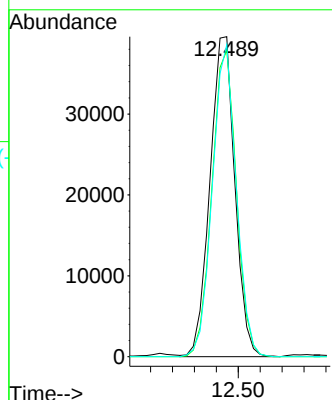
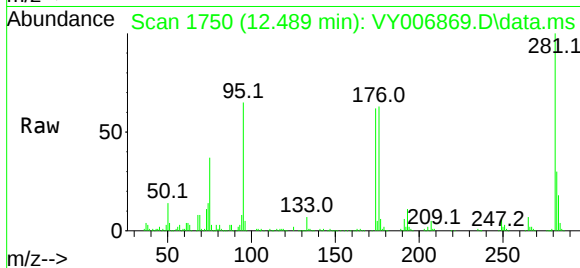




#62
4-Bromofluorobenzene
Concen: 47.313 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY006869.D
Acq: 23 Nov 2021 14:58

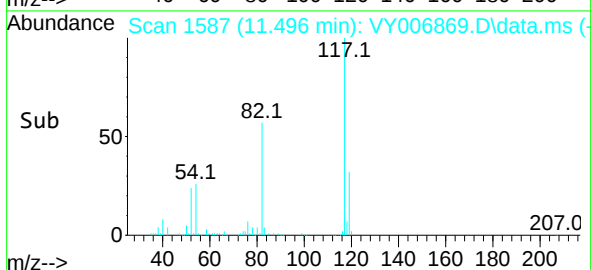
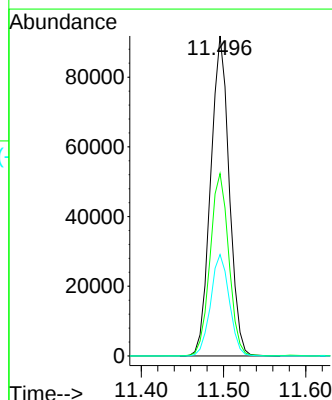
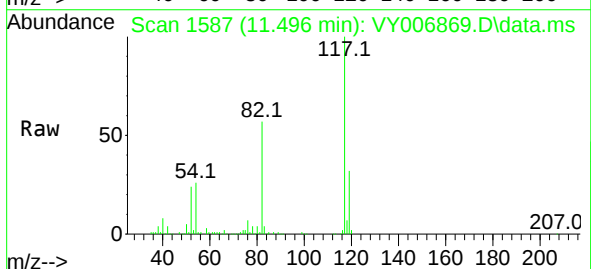
Instrument :
MSVOA_Y
ClientSampleId :

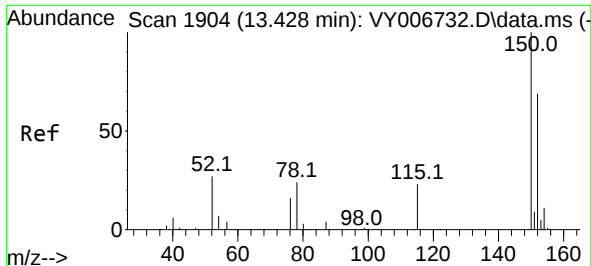
Tgt Ion: 95 Resp: 62490
Ion Ratio Lower Upper
95 100
174 93.9 0.0 177.0
176 93.2 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006869.D
Acq: 23 Nov 2021 14:58

Tgt Ion: 117 Resp: 144066
Ion Ratio Lower Upper
117 100
82 56.9 45.7 68.5
119 31.7 25.5 38.3

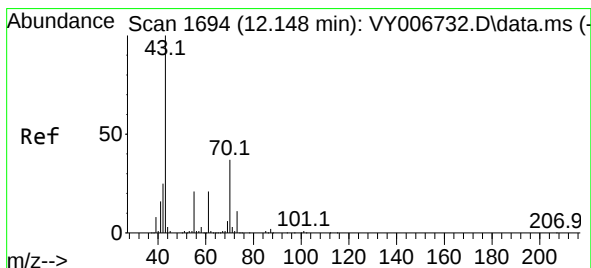
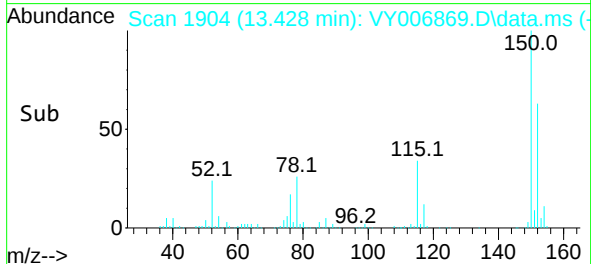
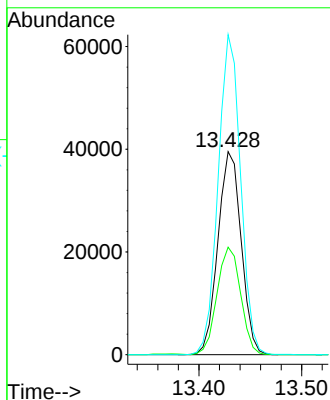
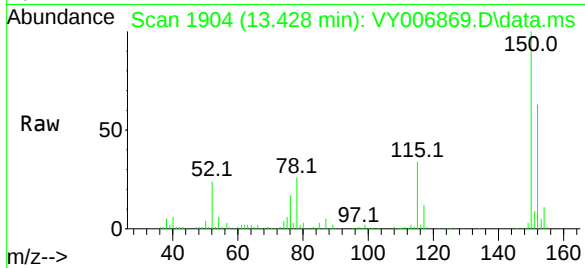




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006869.D
Acq: 23 Nov 2021 14:58

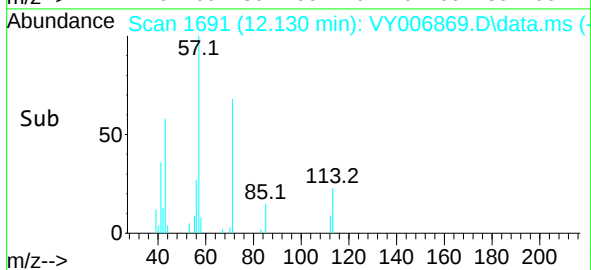
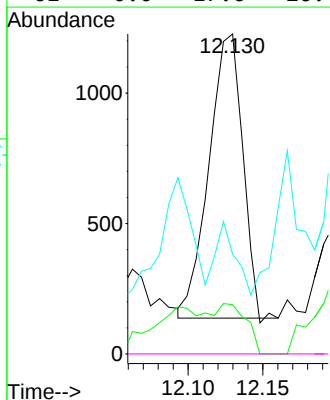
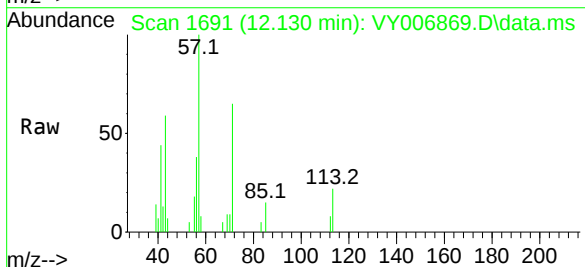
Instrument :
MSVOA_Y
ClientSampleId :

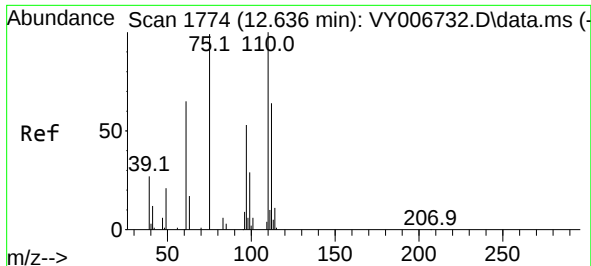
Tgt Ion:152 Resp: 62172
Ion Ratio Lower Upper
152 100
115 53.7 28.5 85.5
150 152.1 0.0 348.2



#74
N-ethyl acetate
Concen: 4.088 ug/l
RT: 12.130 min Scan# 1691
Delta R.T. -0.018 min
Lab File: VY006869.D
Acq: 23 Nov 2021 14:58

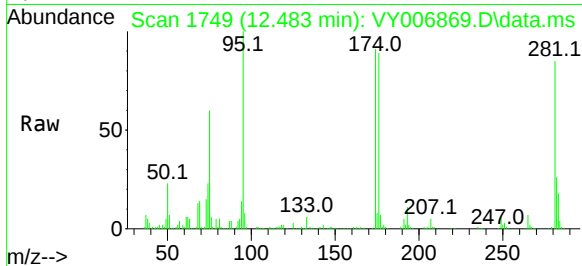
Tgt Ion: 43 Resp: 1708
Ion Ratio Lower Upper
43 100
70 0.0 29.4 44.0#
55 14.9 18.1 27.1#
61 0.0 17.6 26.4#



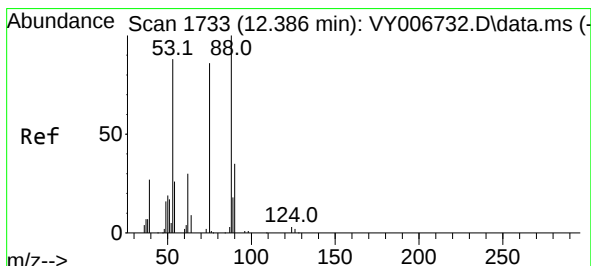
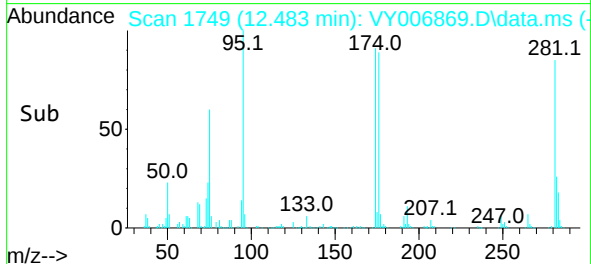
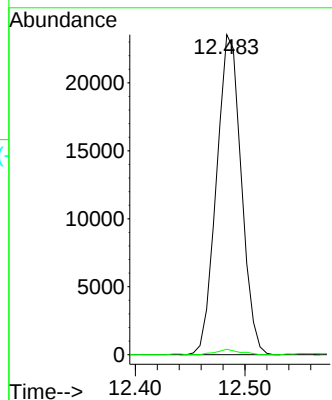


#76
1,2,3-Trichloropropane
Concen: 54.716 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006869.D
Acq: 23 Nov 2021 14:58

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 36985
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.418 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY006869.D
Acq: 23 Nov 2021 14:58

Tgt Ion: 75 Resp: 36985
Ion Ratio Lower Upper
75 100
53 0.5 85.8 128.6#
89 0.9 39.3 58.9#

