

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111621\
 Data File : VY006770.D
 Acq On : 16 Nov 2021 18:35
 Operator : SY/MD
 Sample : M4577-02RE
 Misc : 6.33G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2

Quant Time: Nov 17 04:09:09 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)

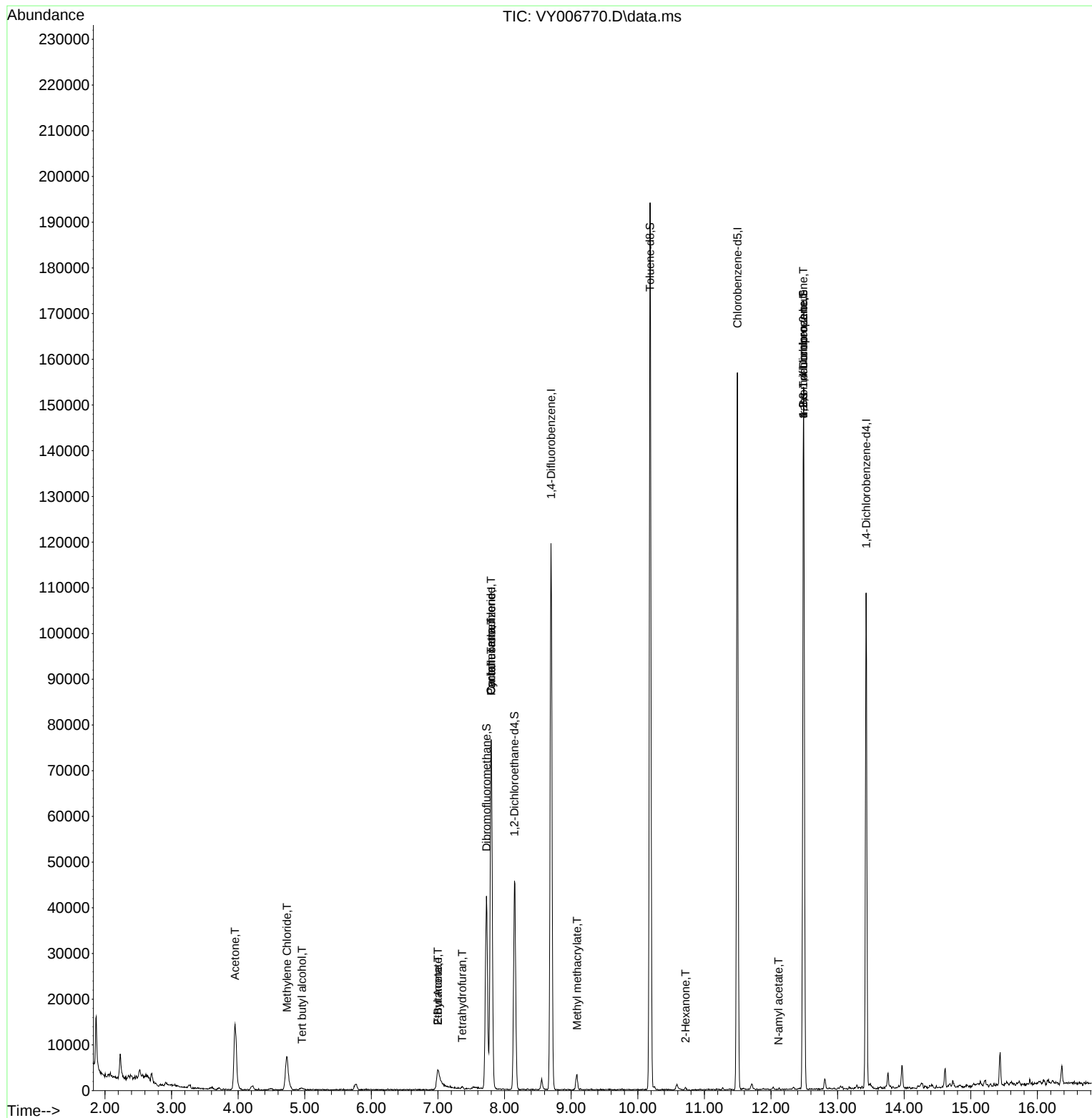
Internal Standards						
1) Pentafluorobenzene	7.801	168	57902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	93791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	74916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	24761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	37054	48.828	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.660%		
35) Dibromofluoromethane	7.728	113	28001	48.604	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.200%		
50) Toluene-d8	10.185	98	116936	49.051	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.100%		
62) 4-Bromofluorobenzene	12.483	95	28437	35.383	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	70.760%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.960	59	672	5.888	ug/l #	72
16) Acetone	3.954	43	25944	112.522	ug/l	97
20) Methylene Chloride	4.735	84	4938	4.026	ug/l	94
25) 2-Butanone	6.997	43	3245	20.734	ug/l	98
29) Tetrahydrofuran	7.362	42	331	1.730	ug/l #	36
31) Cyclohexane	7.795	56	1714	1.285	ug/l #	22
37) Ethyl Acetate	6.997	43	3245	4.761	ug/l #	74
38) Carbon Tetrachloride	7.795	117	5725	5.490	ug/l #	17
48) Methyl methacrylate	9.088	41	906	1.496	ug/l #	44
59) 2-Hexanone	10.715	43	328	24.417	ug/l #	28
74) N-amyl acetate	12.111	43	79	3.264	ug/l #	47
76) 1,2,3-Trichloropropane	12.483	75	16817	62.469	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	16817	123.780	ug/l #	7

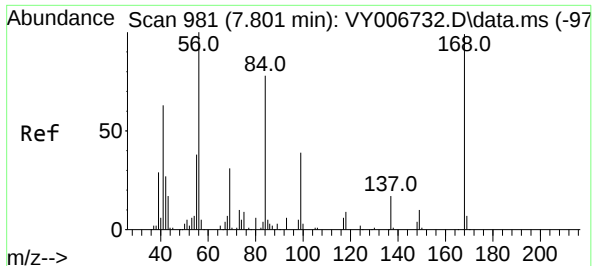
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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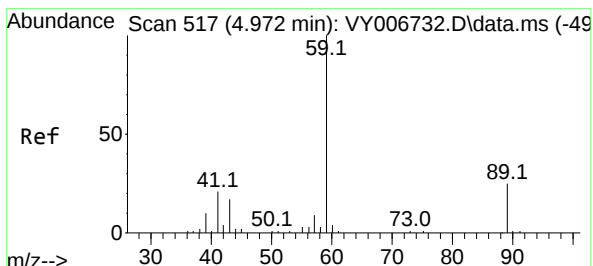
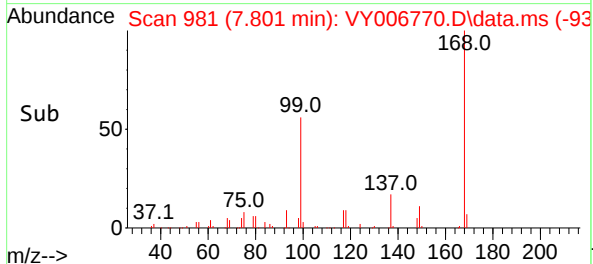
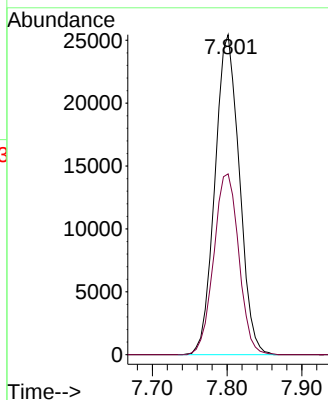
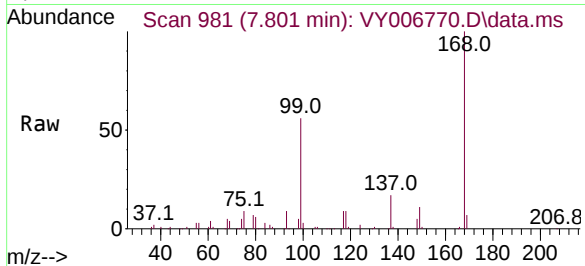




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006770.D
Acq: 16 Nov 2021 18:35

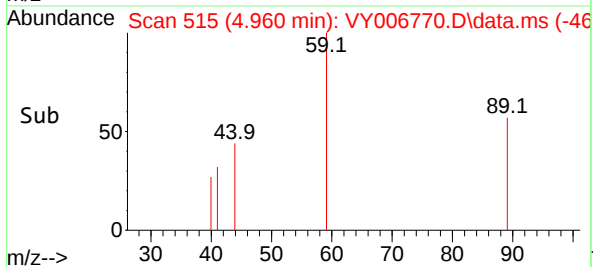
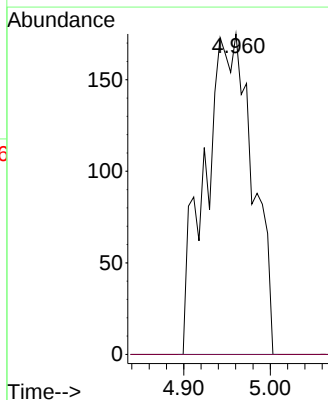
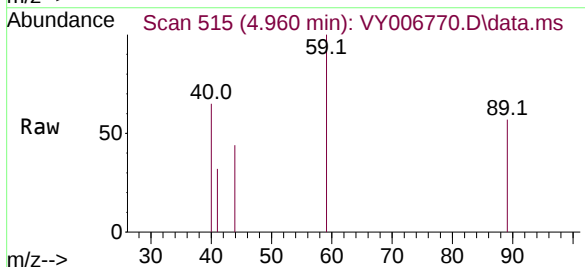
Instrument :
MSVOA_Y
ClientSampleId :
SB-2

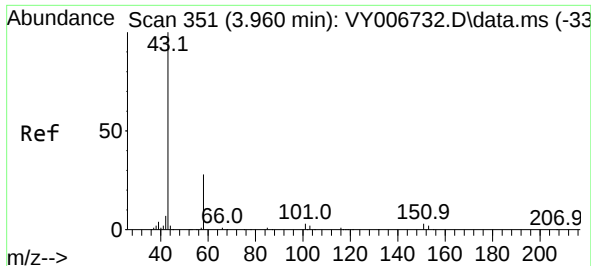
Tgt Ion:168 Resp: 57902
Ion Ratio Lower Upper
168 100
99 56.5 44.8 67.2



#11
Tert butyl alcohol
Concen: 5.888 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY006770.D
Acq: 16 Nov 2021 18:35

Tgt Ion: 59 Resp: 672
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

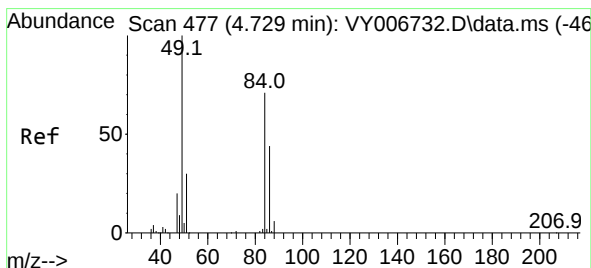
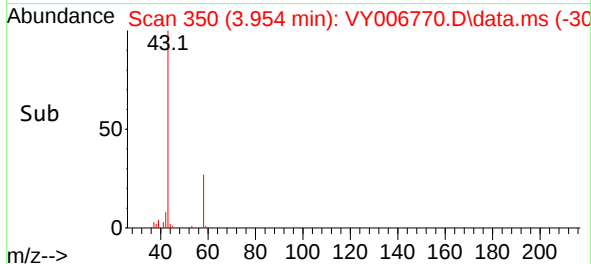
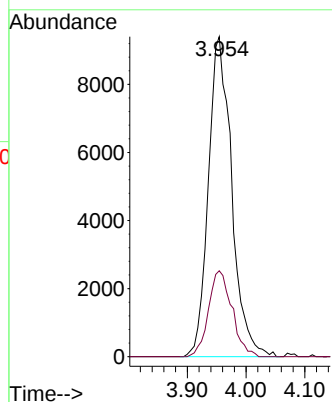
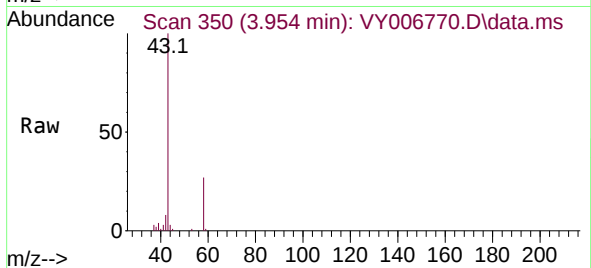




#16
Acetone
Concen: 112.522 ug/l
RT: 3.954 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY006770.D
Acq: 16 Nov 2021 18:35

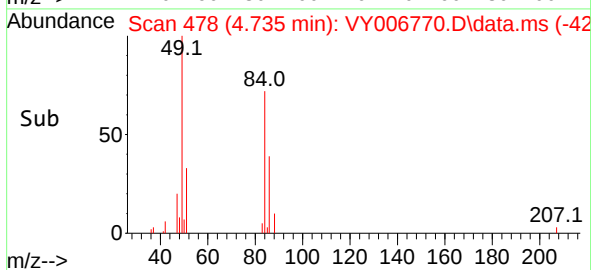
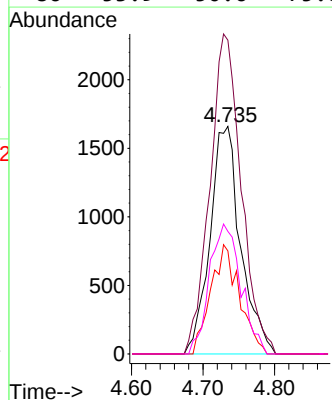
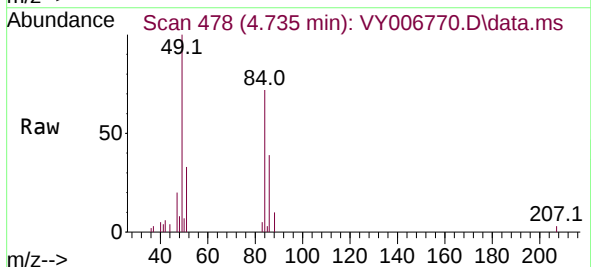
Instrument :
MSVOA_Y
ClientSampleId :
SB-2

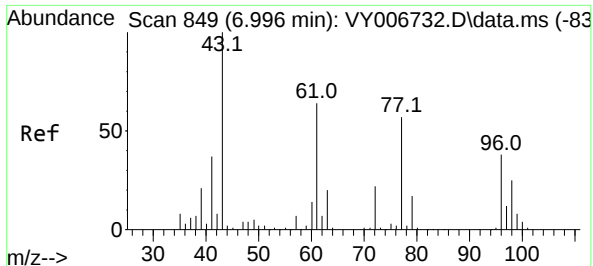
Tgt Ion: 43 Resp: 25944
Ion Ratio Lower Upper
43 100
58 26.9 22.9 34.3



#20
Methylene Chloride
Concen: 4.026 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY006770.D
Acq: 16 Nov 2021 18:35

Tgt Ion: 84 Resp: 4938
Ion Ratio Lower Upper
84 100
49 138.0 107.8 161.8
51 45.3 32.8 49.2
86 53.9 50.6 75.8





#25

2-Butanone

Concen: 20.734 ug/l

RT: 6.997 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY006770.D

Acq: 16 Nov 2021 18:35

Instrument :

MSVOA_Y

ClientSampleId :

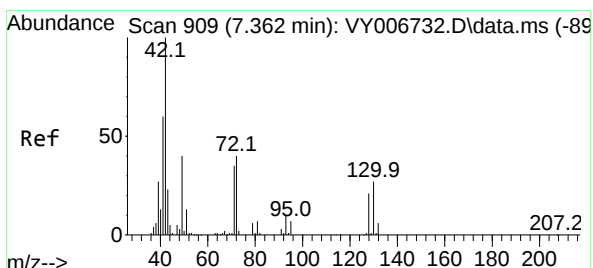
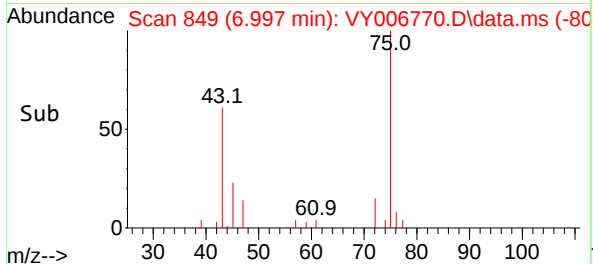
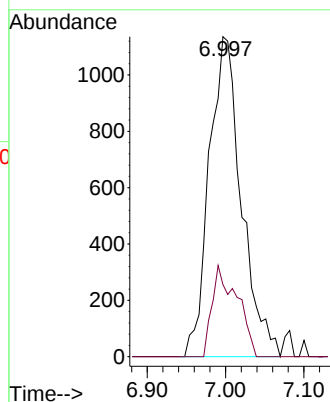
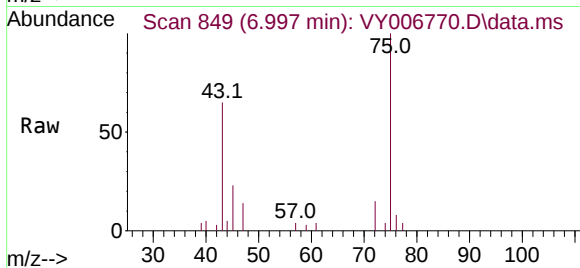
SB-2

Tgt Ion: 43 Resp: 3245

Ion Ratio Lower Upper

43 100

72 22.5 18.9 28.3



#29

Tetrahydrofuran

Concen: 1.730 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY006770.D

Acq: 16 Nov 2021 18:35

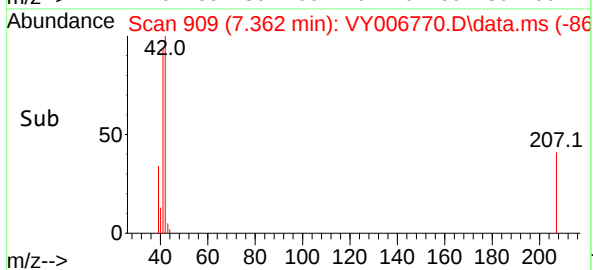
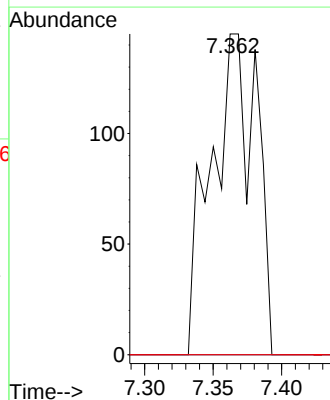
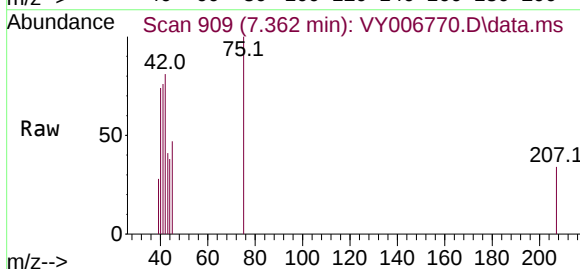
Tgt Ion: 42 Resp: 331

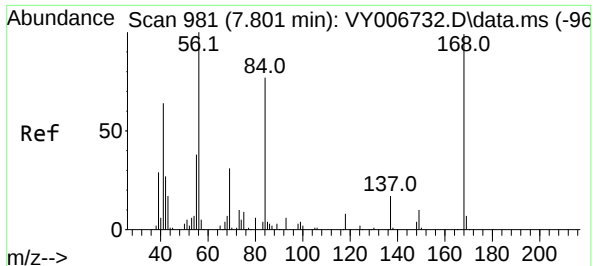
Ion Ratio Lower Upper

42 100

72 0.0 32.0 48.0#

71 0.0 30.3 45.5#

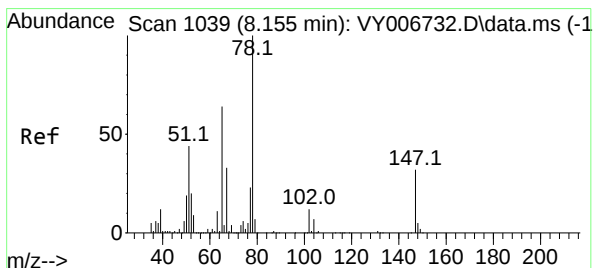
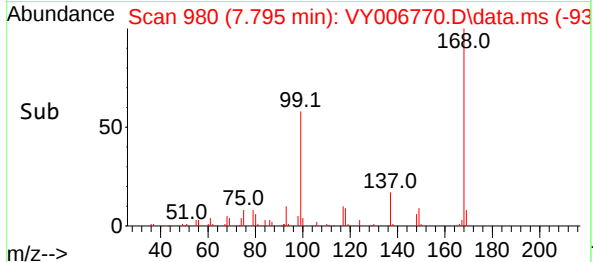
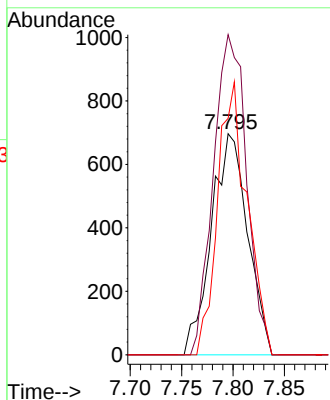
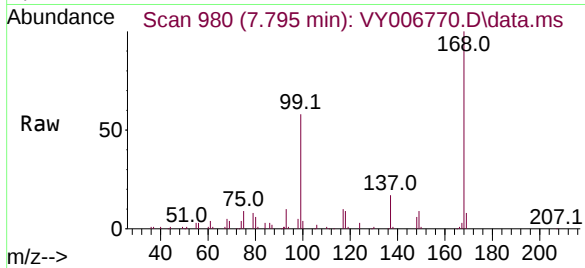




#31
Cyclohexane
Concen: 1.285 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006770.D
Acq: 16 Nov 2021 18:35

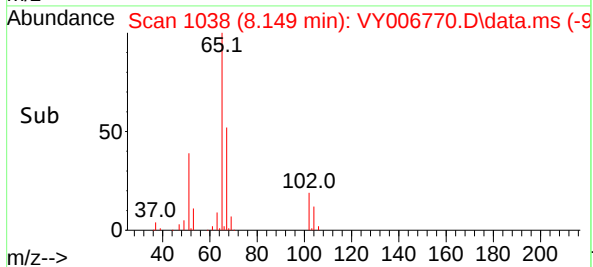
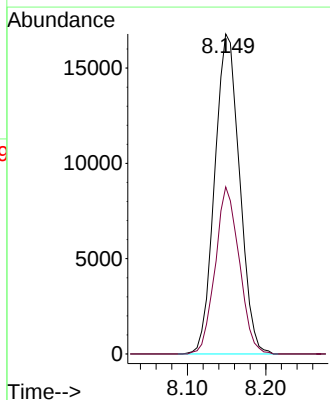
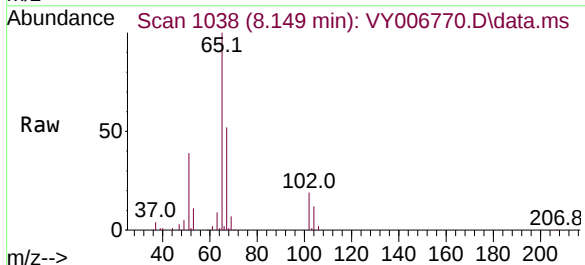
Instrument :
MSVOA_Y
ClientSampleId :
SB-2

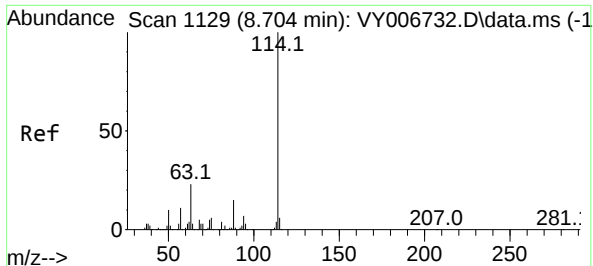
Tgt Ion: 56 Resp: 1714
Ion Ratio Lower Upper
56 100
69 144.8 26.6 40.0#
84 106.9 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 48.828 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY006770.D
Acq: 16 Nov 2021 18:35

Tgt Ion: 65 Resp: 37054
Ion Ratio Lower Upper
65 100
67 50.4 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: VY006770.D

Acq: 16 Nov 2021 18:35

Instrument :

MSVOA_Y

ClientSampleId :

SB-2

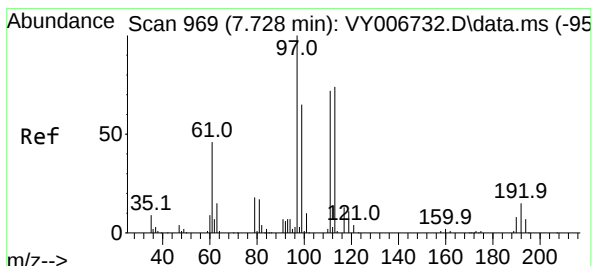
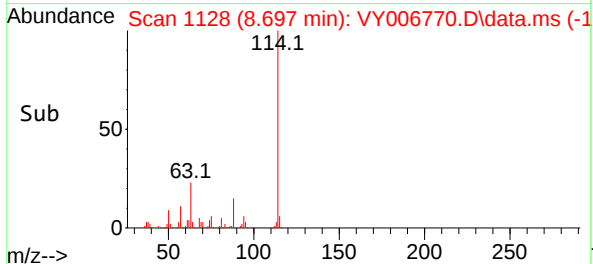
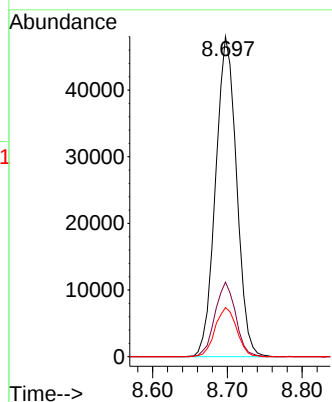
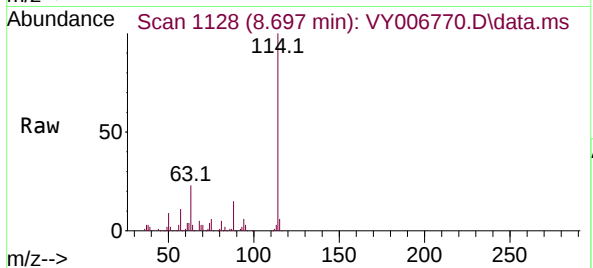
Tgt Ion:114 Resp: 93791

Ion Ratio Lower Upper

114 100

63 23.3 0.0 45.0

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.604 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY006770.D

Acq: 16 Nov 2021 18:35

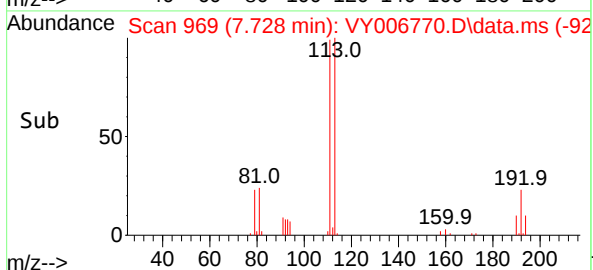
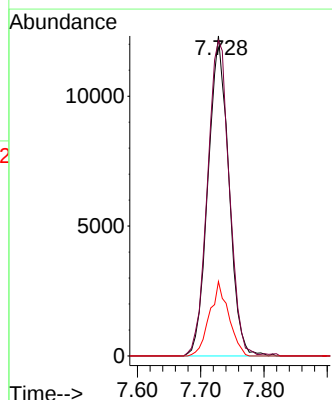
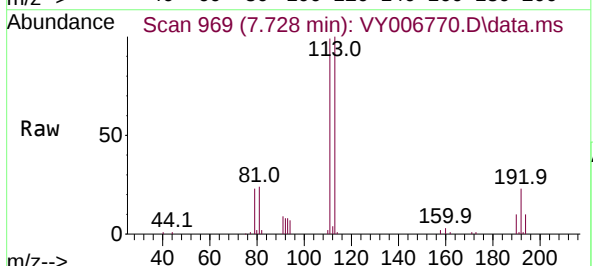
Tgt Ion:113 Resp: 28001

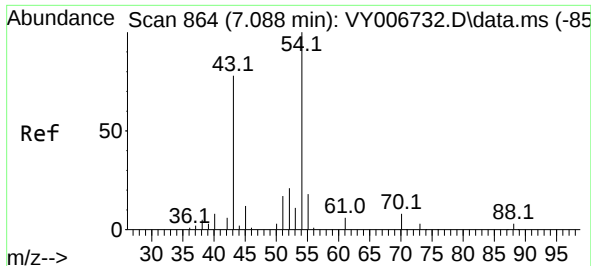
Ion Ratio Lower Upper

113 100

111 103.9 82.3 123.5

192 21.5 17.4 26.2





#37

Ethyl Acetate

Concen: 4.761 ug/l

RT: 6.997 min Scan# 849

Delta R.T. -0.091 min

Lab File: VY006770.D

Acq: 16 Nov 2021 18:35

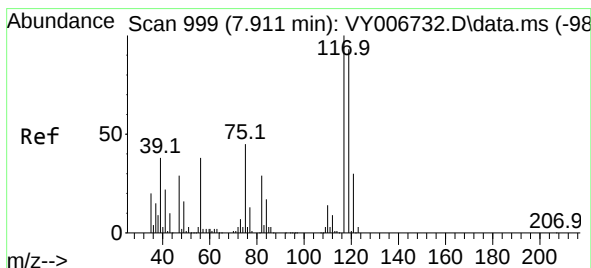
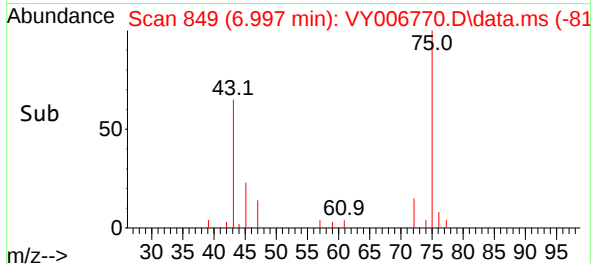
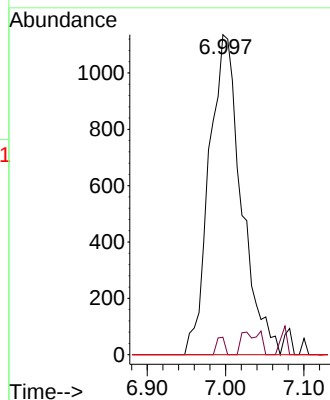
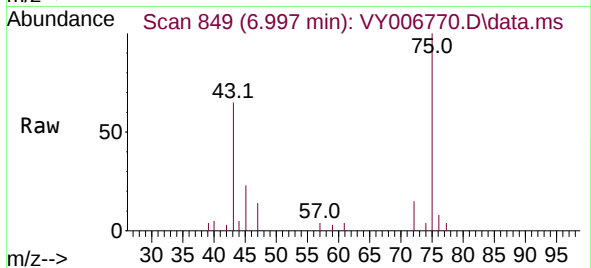
Instrument :

MSVOA_Y

ClientSampleId :

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Tgt Ion:	43	Resp:	3245
Ion	Ratio	Lower	Upper
43	100		
61	1.4	9.4	14.2#
70	0.0	6.9	10.3#



#38

Carbon Tetrachloride

Concen: 5.490 ug/l

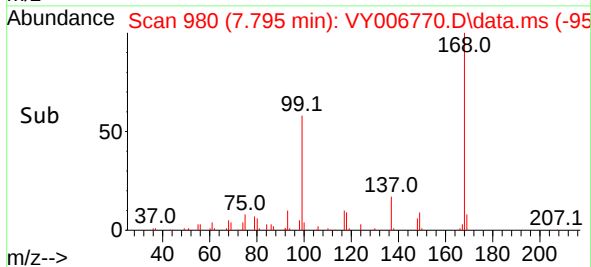
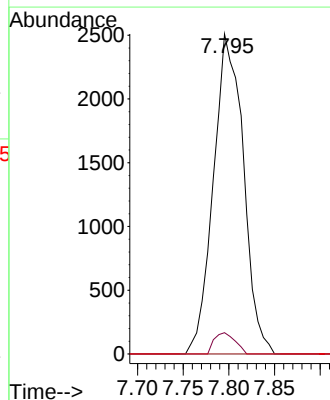
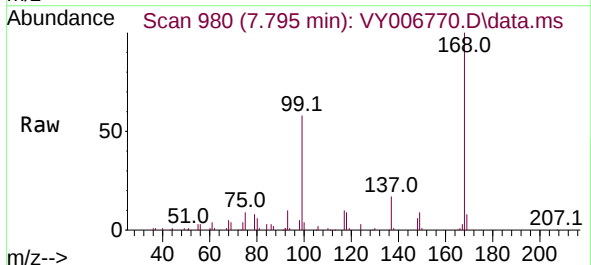
RT: 7.795 min Scan# 980

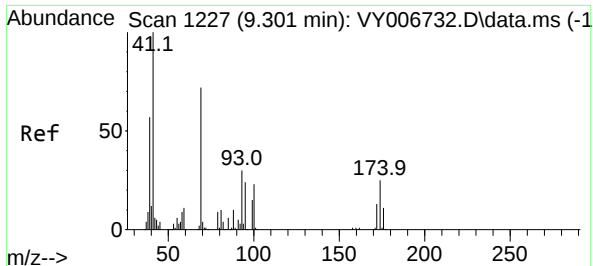
Delta R.T. -0.116 min

Lab File: VY006770.D

Acq: 16 Nov 2021 18:35

Tgt Ion:	117	Resp:	5725
Ion	Ratio	Lower	Upper
117	100		
119	6.7	76.6	115.0#
121	0.0	24.7	37.1#





#48

Methyl methacrylate

Concen: 1.496 ug/l

RT: 9.088 min Scan# 1192

Delta R.T. -0.213 min

Lab File: VY006770.D

Acq: 16 Nov 2021 18:35

Instrument :

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SB-2

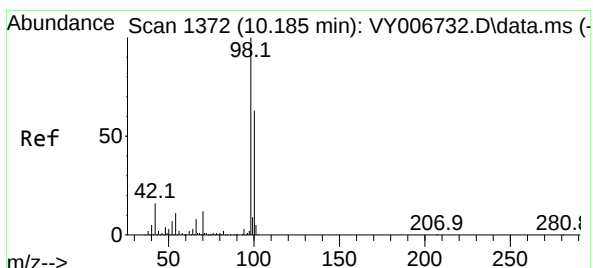
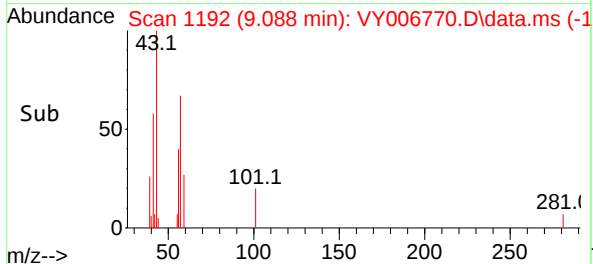
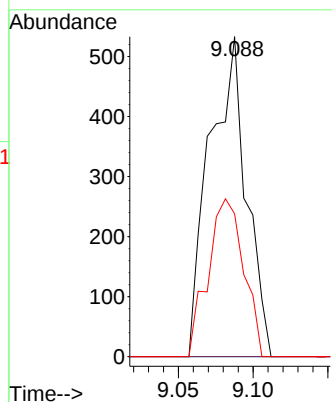
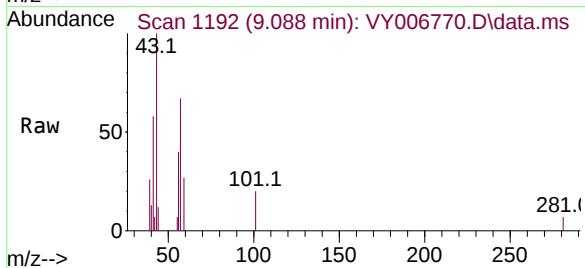
Tgt Ion: 41 Resp: 906

Ion Ratio Lower Upper

41 100

69 0.0 60.4 90.6#

39 48.1 48.2 72.2#



#50

Toluene-d8

Concen: 49.051 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY006770.D

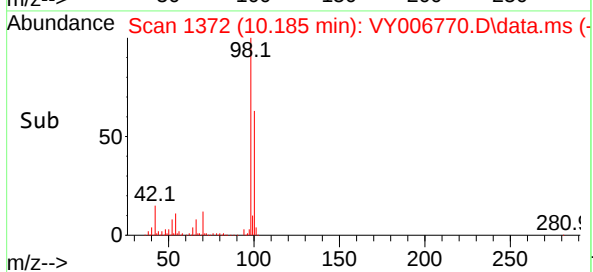
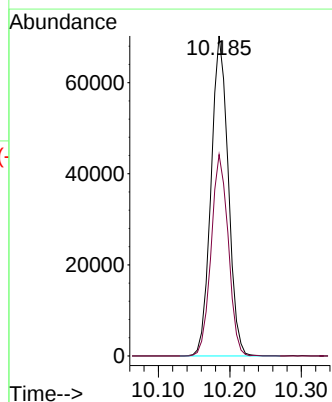
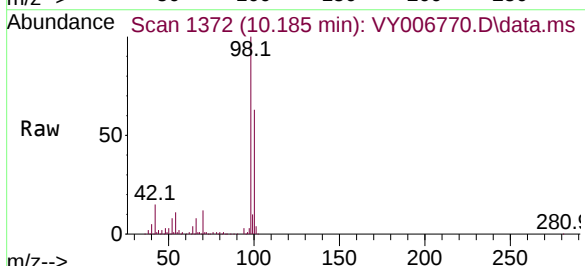
Acq: 16 Nov 2021 18:35

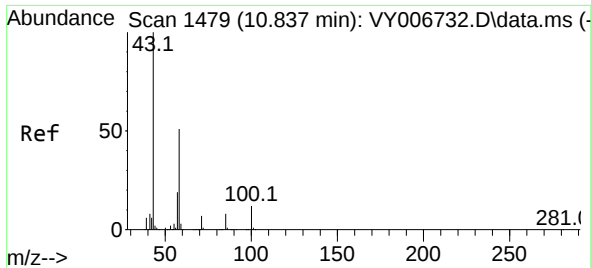
Tgt Ion: 98 Resp: 116936

Ion Ratio Lower Upper

98 100

100 62.6 50.9 76.3

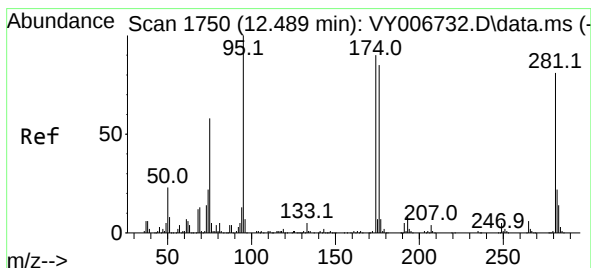
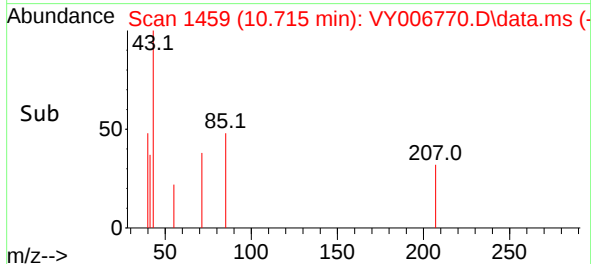
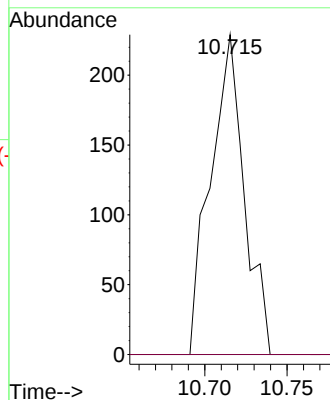
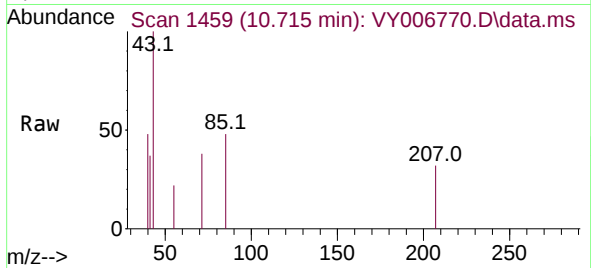




#59
2-Hexanone
Concen: 24.417 ug/l
RT: 10.715 min Scan# 1479
Delta R.T. -0.122 min
Lab File: VY006770.D
Acq: 16 Nov 2021 18:35

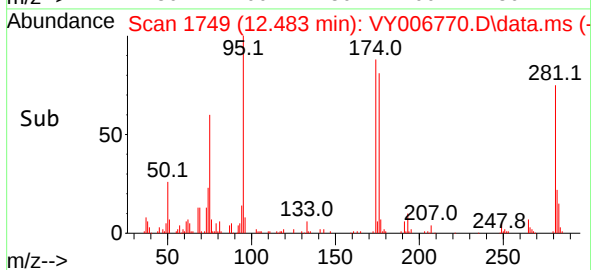
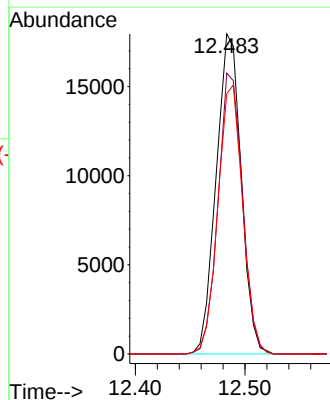
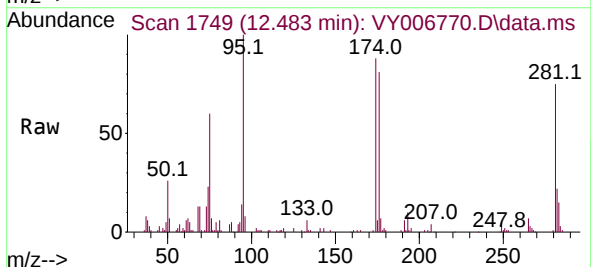
Instrument :
MSVOA_Y
ClientSampleId :
SB-2

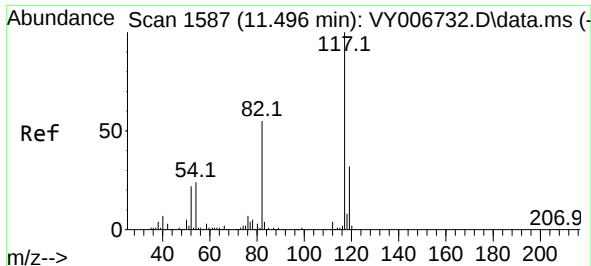
Tgt Ion: 43 Resp: 328
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 35.383 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006770.D
Acq: 16 Nov 2021 18:35

Tgt Ion: 95 Resp: 28437
Ion Ratio Lower Upper
95 100
174 86.0 0.0 177.0
176 83.3 0.0 169.4

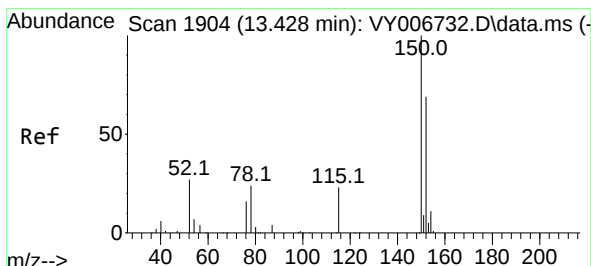
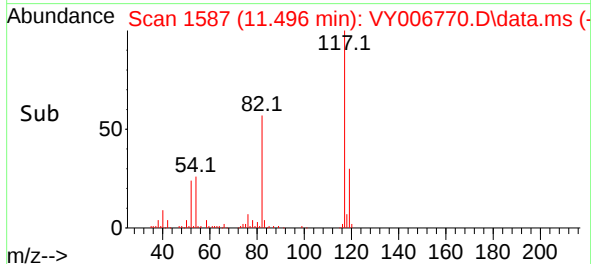
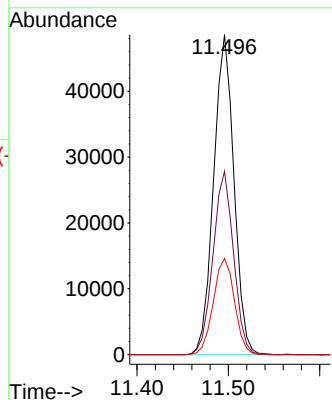
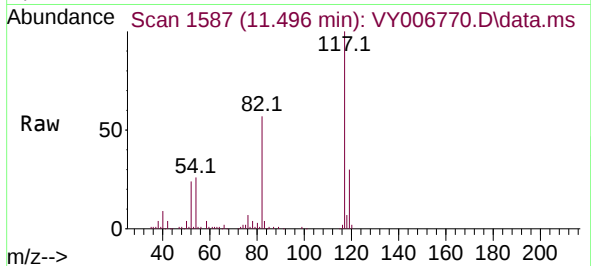




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006770.D
Acq: 16 Nov 2021 18:35

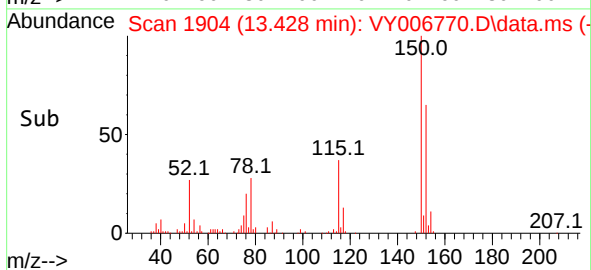
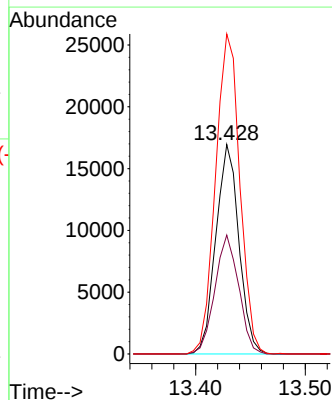
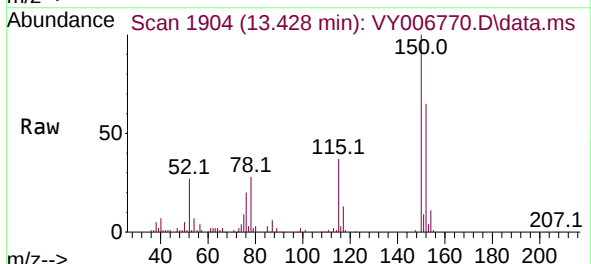
Instrument :
MSVOA_Y
ClientSampleId :
SB-2

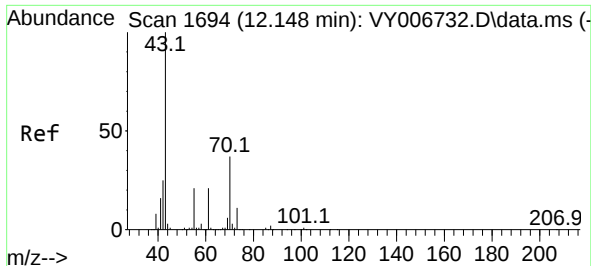
Tgt Ion:	117	Resp:	74916
Ion Ratio	Lower	Upper	
117	100		
82	57.3	45.7	68.5
119	30.0	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006770.D
Acq: 16 Nov 2021 18:35

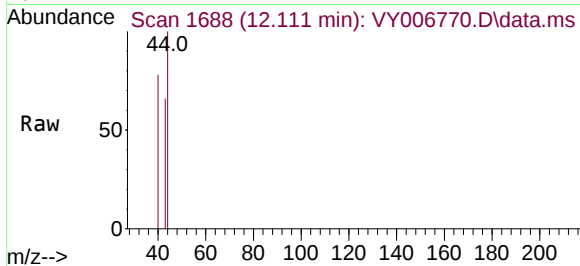
Tgt Ion:	152	Resp:	24761
Ion Ratio	Lower	Upper	
152	100		
115	58.5	28.5	85.5
150	160.8	0.0	348.2



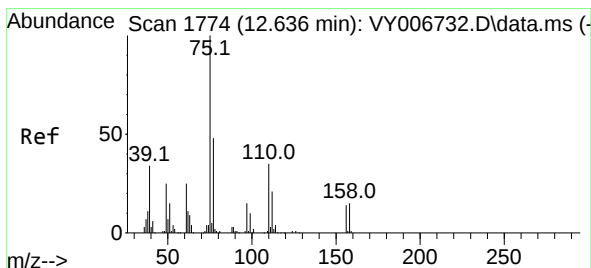
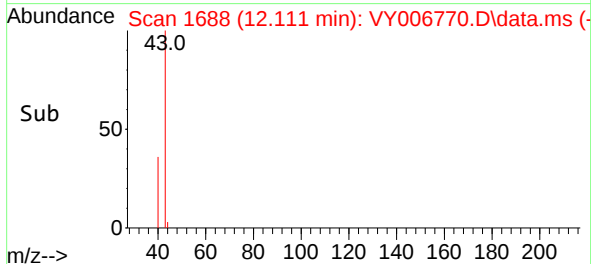
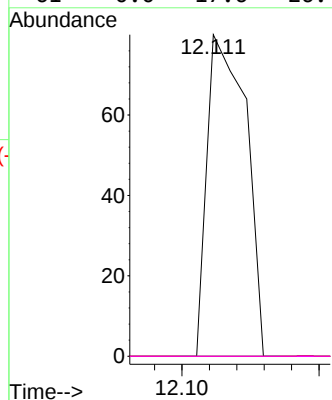


#74
N-amy1 acetate
Concen: 3.264 ug/l
RT: 12.111 min Scan# 1688
Delta R.T. -0.037 min
Lab File: VY006770.D
Acq: 16 Nov 2021 18:35

Instrument :
MSVOA_Y
ClientSampleId :
SB-2

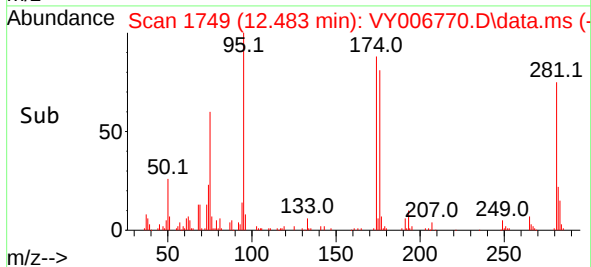
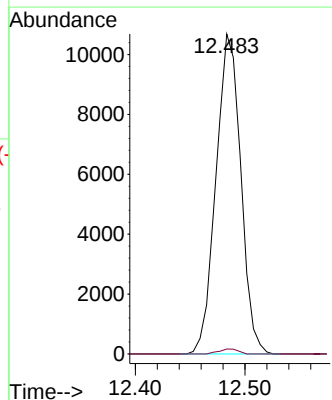
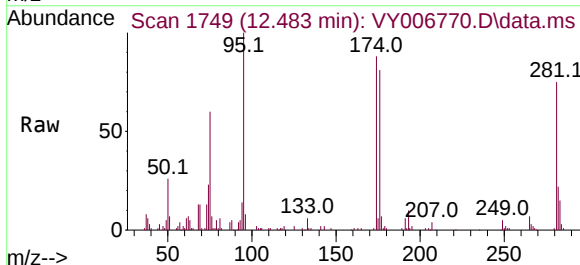


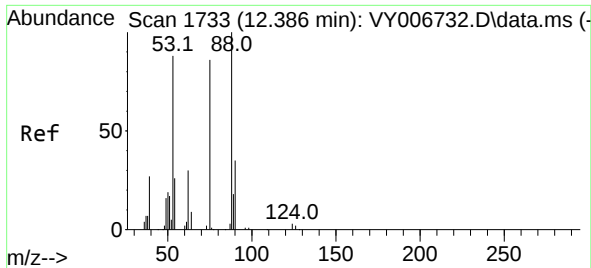
Tgt Ion: 43	Resp: 79
Ion Ratio	Lower Upper
43 100	
70 0.0	29.4 44.0#
55 0.0	18.1 27.1#
61 0.0	17.6 26.4#



#76
1,2,3-Trichloropropane
Concen: 62.469 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006770.D
Acq: 16 Nov 2021 18:35

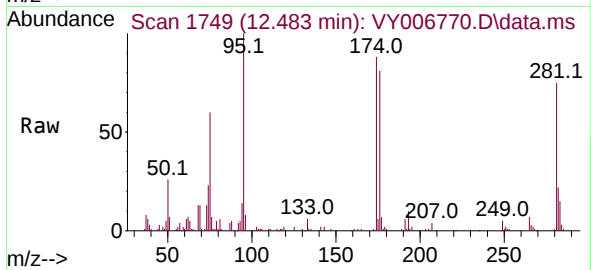
Tgt Ion: 75	Resp: 16817
Ion Ratio	Lower Upper
75 100	
77 1.2	0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 123.780 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY006770.D
 Acq: 16 Nov 2021 18:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2



Tgt Ion: 75 Resp: 16817
 Ion Ratio Lower Upper
 75 100
 53 0.2 85.8 128.6#
 89 0.5 39.3 58.9#

