

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112621\
 Data File : VY006896.D
 Acq On : 26 Nov 2021 13:45
 Operator : SY/MD
 Sample : M4765-02
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 29 03:03:08 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)

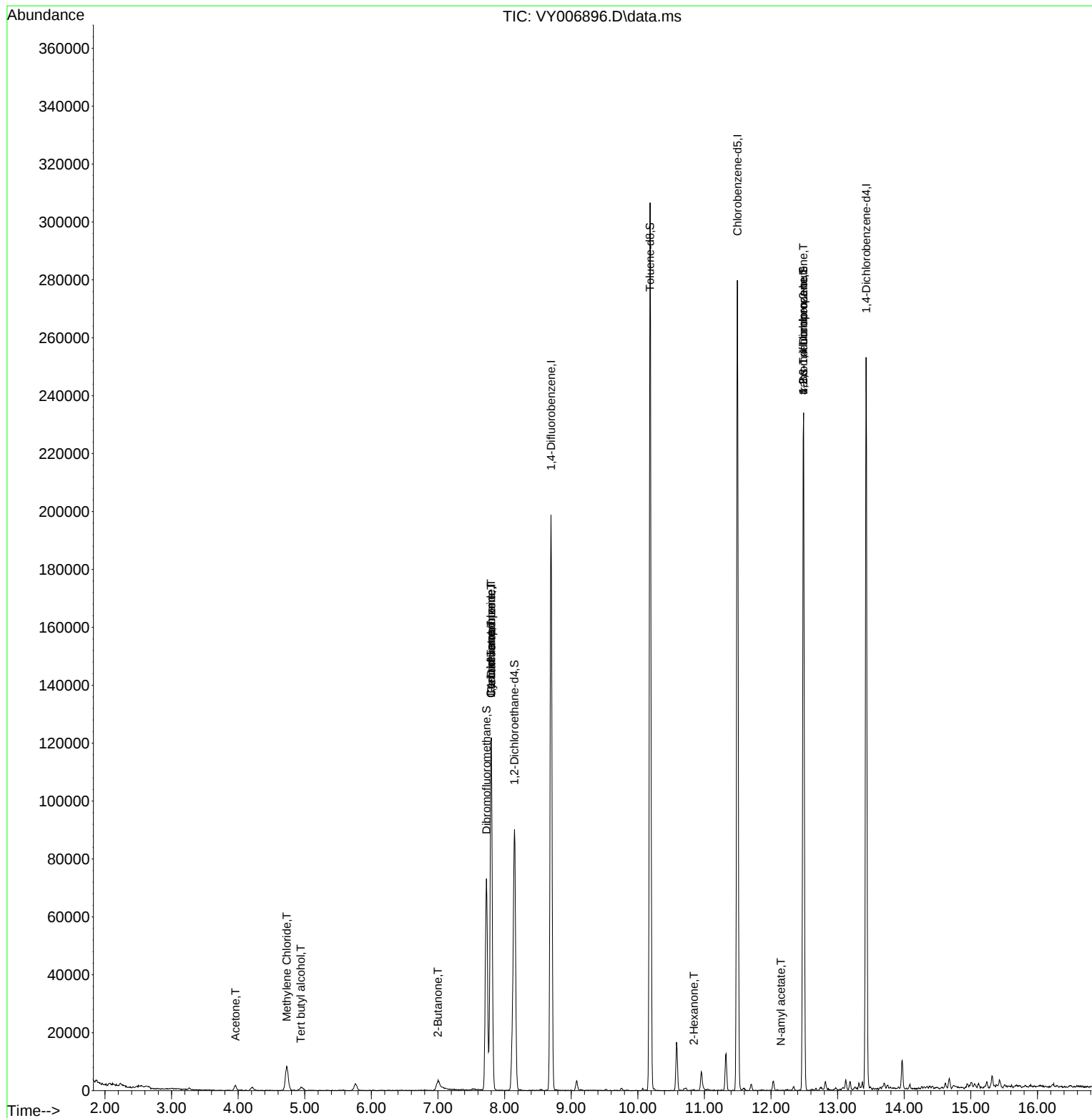
Internal Standards						
1) Pentafluorobenzene	7.801	168	92212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	157740	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	148302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	60147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	66614	55.119	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.240%			
35) Dibromofluoromethane	7.728	113	48211	49.758	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.520%			
50) Toluene-d8	10.185	98	190394	47.486	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 94.980%			
62) 4-Bromofluorobenzene	12.483	95	57304	42.395	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 84.780%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.942	59	927	5.100	ug/l #	72
16) Acetone	3.960	43	2831	7.710	ug/l	91
20) Methylene Chloride	4.728	84	5643	1.850	ug/l	96
25) 2-Butanone	6.996	43	716	12.780	ug/l	94
31) Cyclohexane	7.795	56	2351	1.107	ug/l #	35
36) 1,1-Dichloropropene	7.795	75	8199	4.782	ug/l #	49
38) Carbon Tetrachloride	7.795	117	9519	5.428	ug/l #	16
59) 2-Hexanone	10.843	43	270	24.110	ug/l #	28
74) N-amyl acetate	12.148	43	82	3.202	ug/l #	47
76) 1,2,3-Trichloropropane	12.483	75	32234	49.293	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	32234	97.672	ug/l #	7

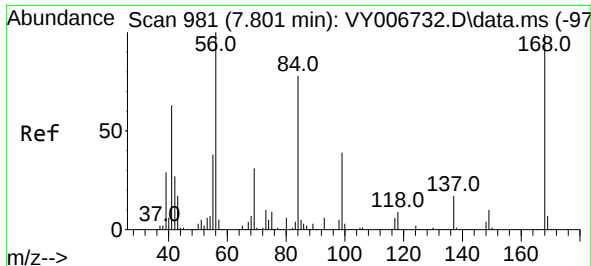
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112621\
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Misc : 5.02G/5ML/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

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Quant Time: Nov 29 03:03:08 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

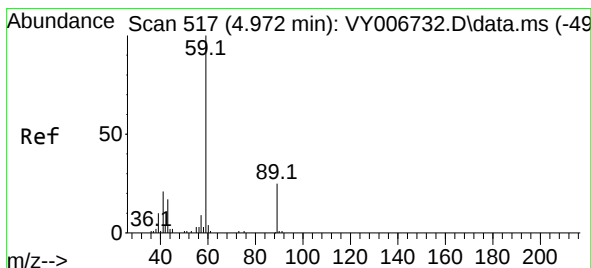
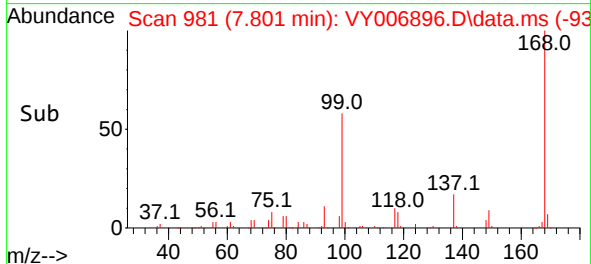
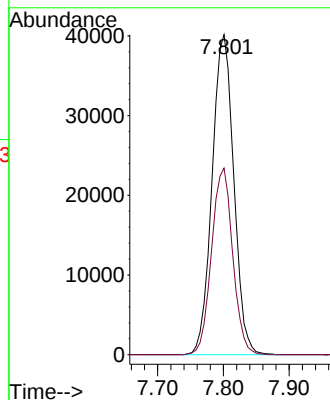
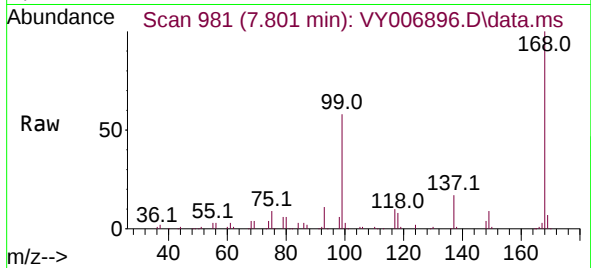




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006896.D
Acq: 26 Nov 2021 13:45

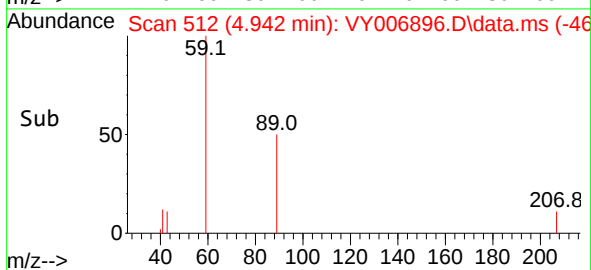
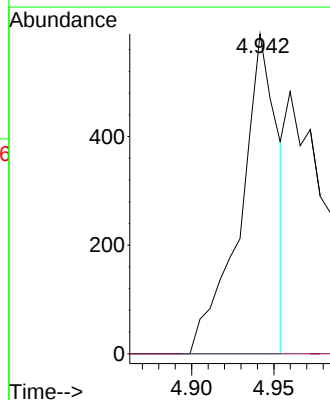
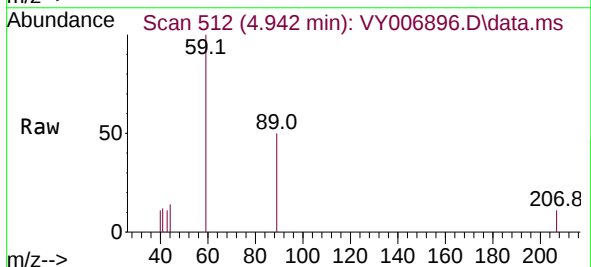
Instrument :
MSVOA_Y
ClientSampleId :

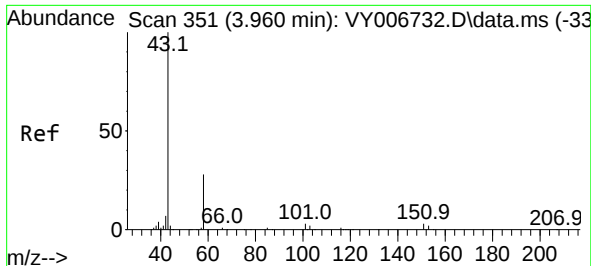
Tgt Ion:168 Resp: 92212
Ion Ratio Lower Upper
168 100
99 58.3 44.8 67.2



#11
Tert butyl alcohol
Concen: 5.100 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.030 min
Lab File: VY006896.D
Acq: 26 Nov 2021 13:45

Tgt Ion: 59 Resp: 927
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

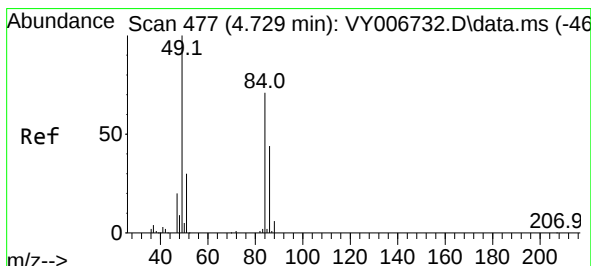
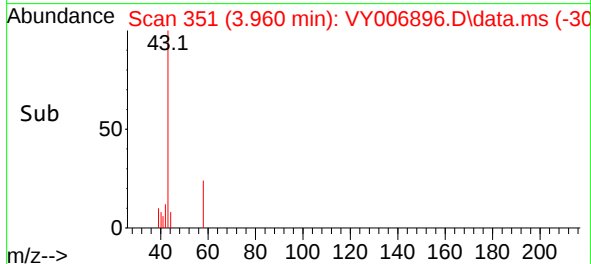
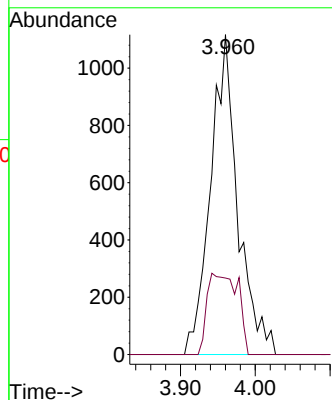
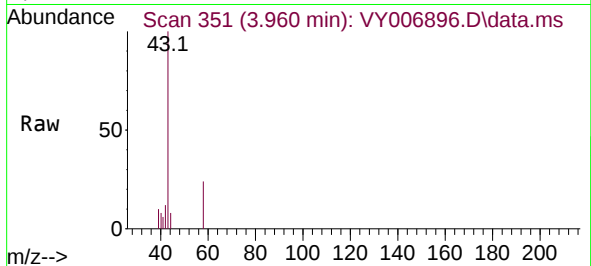




#16
Acetone
Concen: 7.710 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY006896.D
Acq: 26 Nov 2021 13:45

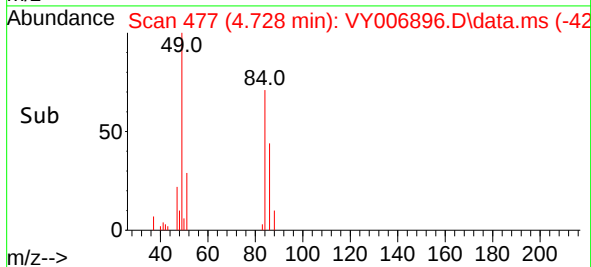
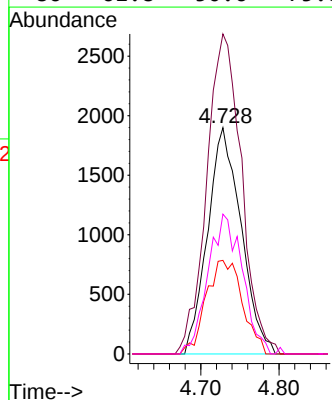
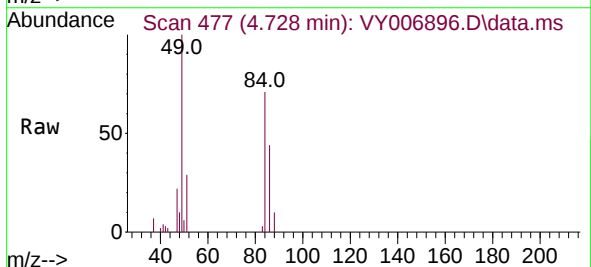
Instrument :
MSVOA_Y
ClientSampleId :

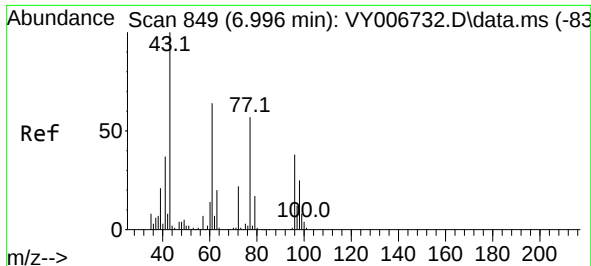
Tgt Ion: 43 Resp: 2831
Ion Ratio Lower Upper
43 100
58 23.9 22.9 34.3



#20
Methylene Chloride
Concen: 1.850 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY006896.D
Acq: 26 Nov 2021 13:45

Tgt Ion: 84 Resp: 5643
Ion Ratio Lower Upper
84 100
49 141.4 107.8 161.8
51 41.3 32.8 49.2
86 61.8 50.6 75.8





#25

2-Butanone

Concen: 12.780 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY006896.D

Acq: 26 Nov 2021 13:45

Instrument :

MSVOA_Y

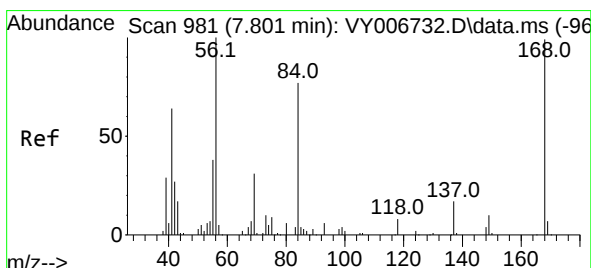
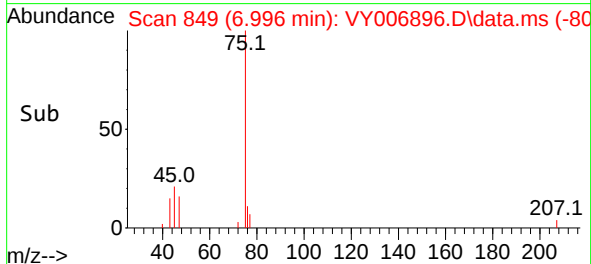
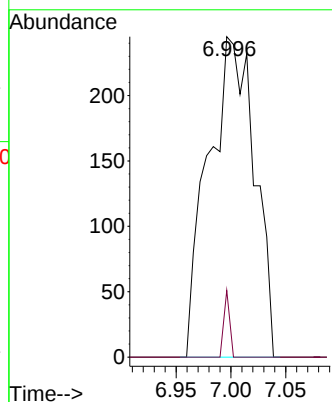
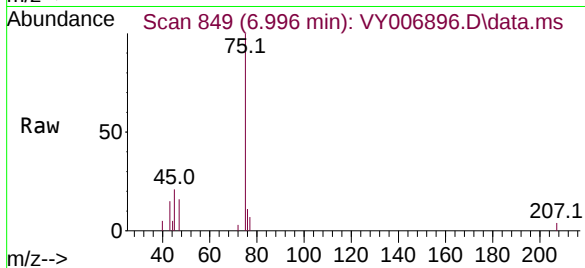
ClientSampleId :

Tgt Ion: 43 Resp: 716

Ion Ratio Lower Upper

43 100

72 20.8 18.9 28.3



#31

Cyclohexane

Concen: 1.107 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.006 min

Lab File: VY006896.D

Acq: 26 Nov 2021 13:45

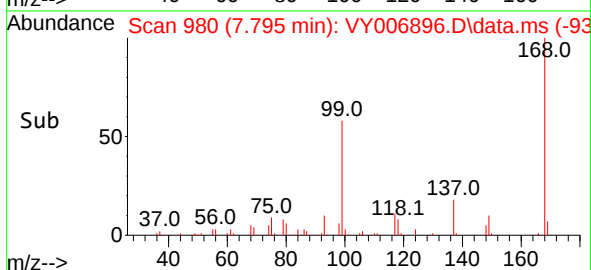
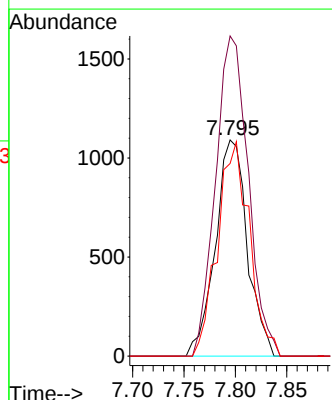
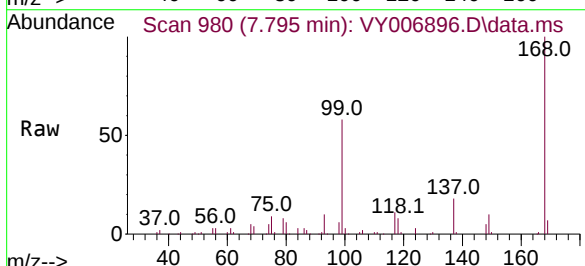
Tgt Ion: 56 Resp: 2351

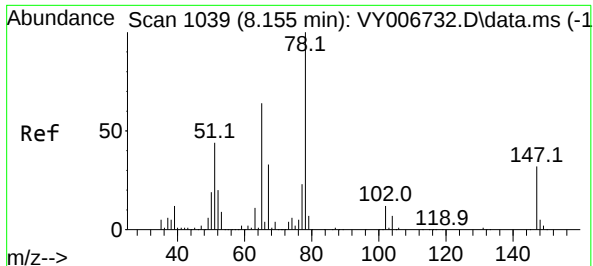
Ion Ratio Lower Upper

56 100

69 148.1 26.6 40.0#

84 89.1 65.0 97.4





#33

1,2-Dichloroethane-d4

Concen: 55.119 ug/l

RT: 8.148 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY006896.D

Acq: 26 Nov 2021 13:45

Instrument :

MSVOA_Y

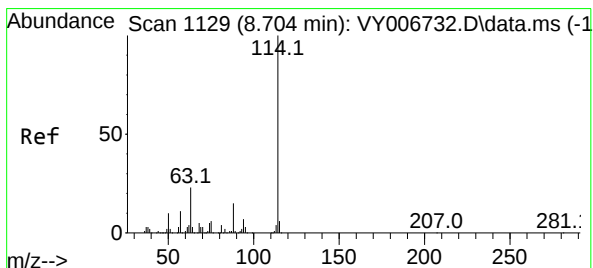
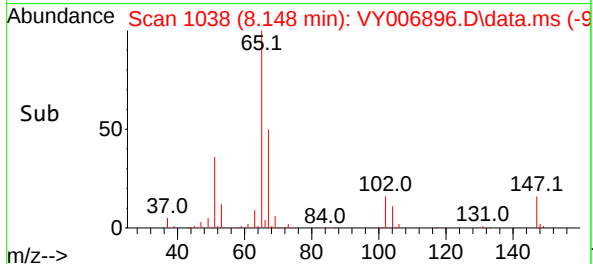
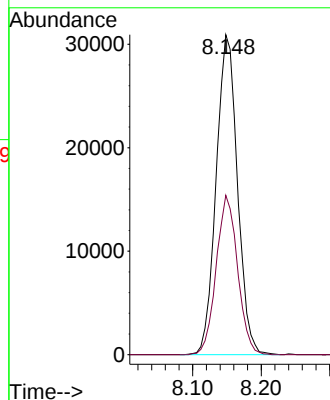
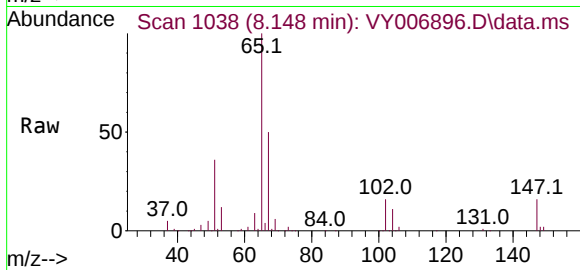
ClientSampleId :

Tgt Ion: 65 Resp: 66614

Ion Ratio Lower Upper

65 100

67 49.9 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: VY006896.D

Acq: 26 Nov 2021 13:45

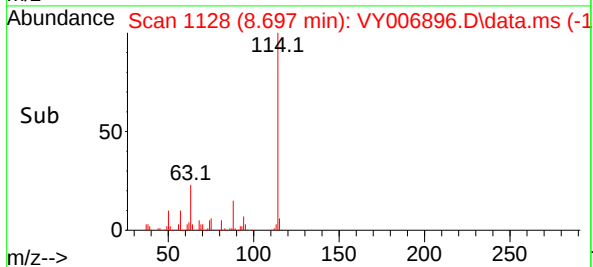
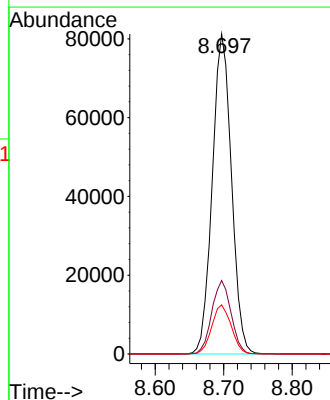
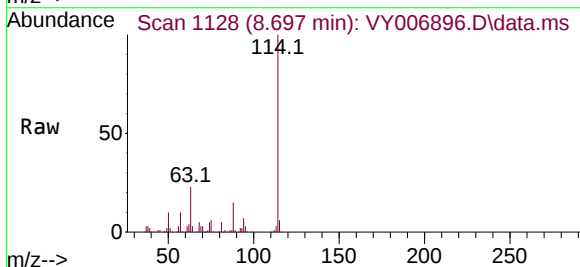
Tgt Ion: 114 Resp: 157740

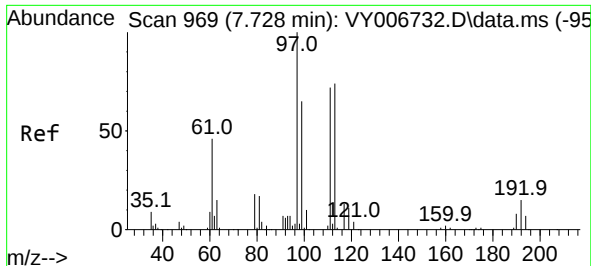
Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.0

88 15.3 0.0 30.6

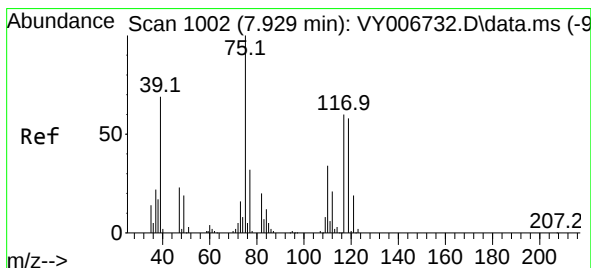
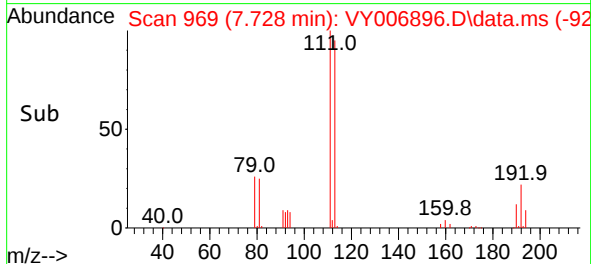
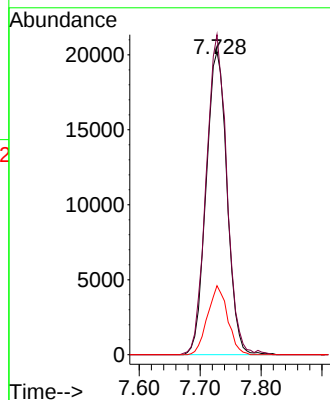
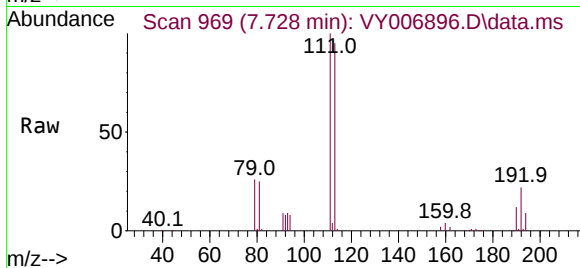




#35
Dibromofluoromethane
Concen: 49.758 ug/l
RT: 7.728 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006896.D
Acq: 26 Nov 2021 13:45

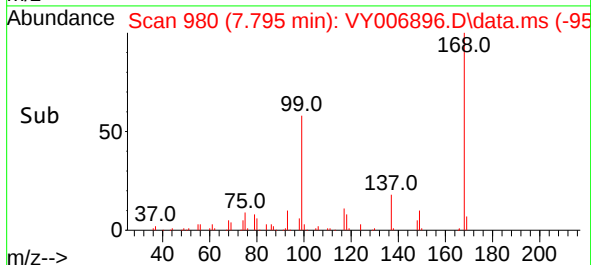
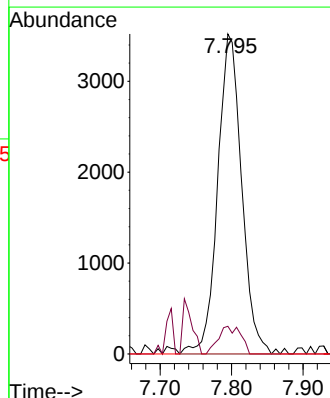
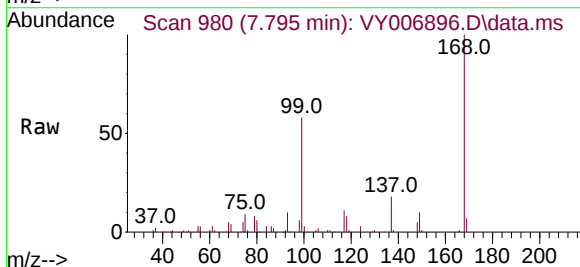
Instrument :
MSVOA_Y
ClientSampleId :

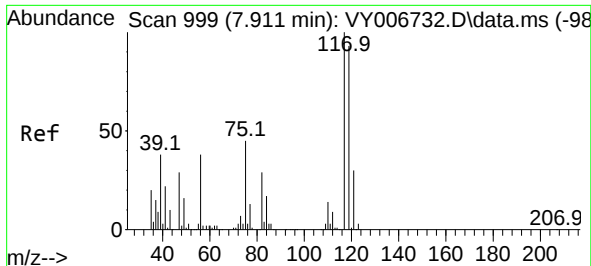
Tgt Ion:113 Resp: 48211
Ion Ratio Lower Upper
113 100
111 104.6 82.3 123.5
192 21.8 17.4 26.2



#36
1,1-Dichloropropene
Concen: 4.782 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.135 min
Lab File: VY006896.D
Acq: 26 Nov 2021 13:45

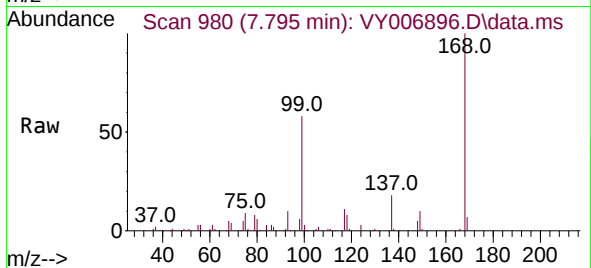
Tgt Ion: 75 Resp: 8199
Ion Ratio Lower Upper
75 100
110 8.1 17.1 51.3#
77 0.0 24.9 37.3#



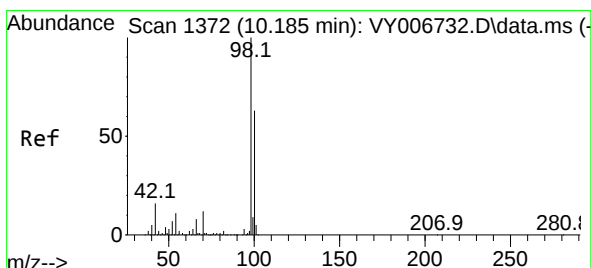
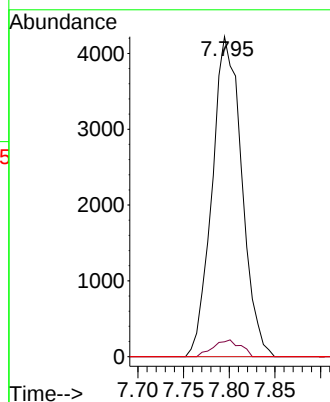
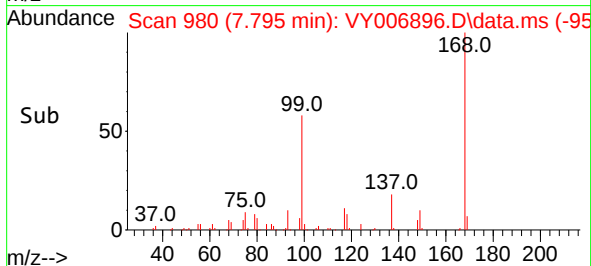


#38
Carbon Tetrachloride
Concen: 5.428 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY006896.D
Acq: 26 Nov 2021 13:45

Instrument :
MSVOA_Y
ClientSampleId :

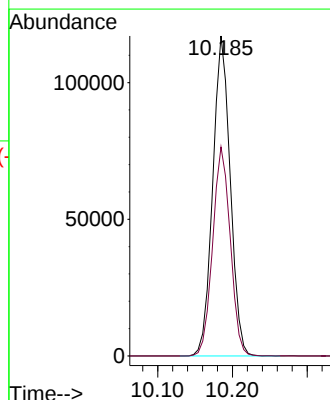
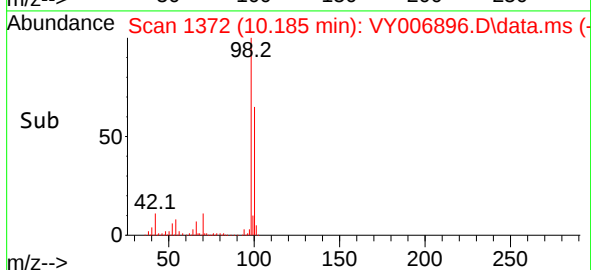
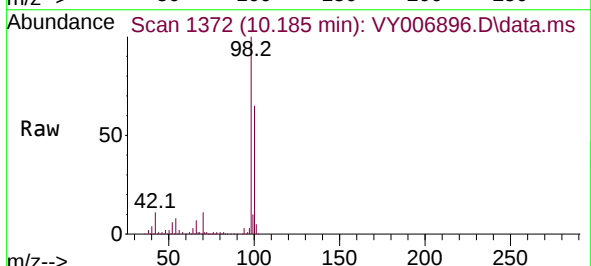


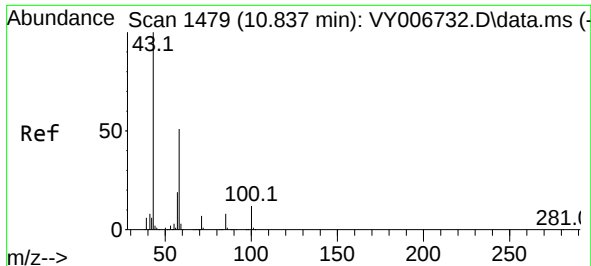
Tgt Ion:117 Resp: 9519
Ion Ratio Lower Upper
117 100
119 4.6 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 47.486 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006896.D
Acq: 26 Nov 2021 13:45

Tgt Ion: 98 Resp: 190394
Ion Ratio Lower Upper
98 100
100 65.6 50.9 76.3

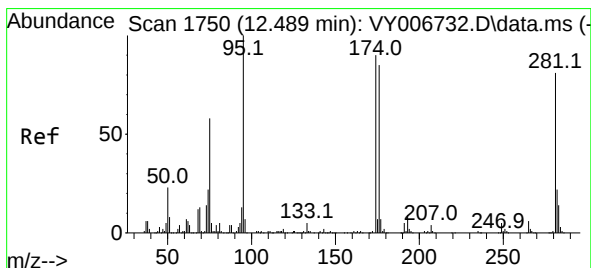
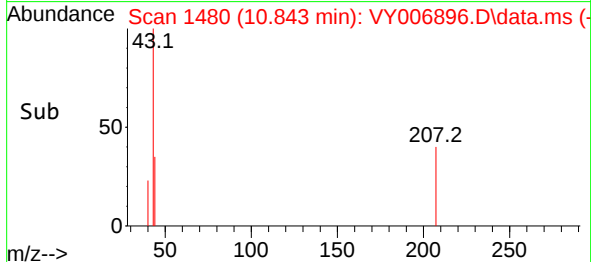
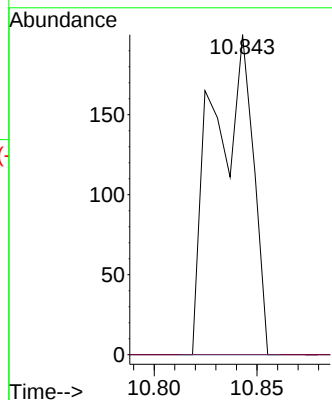
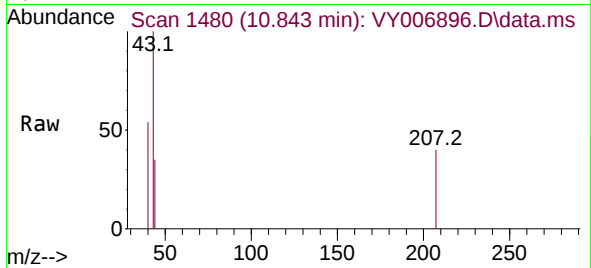




#59
2-Hexanone
Concen: 24.110 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY006896.D
Acq: 26 Nov 2021 13:45

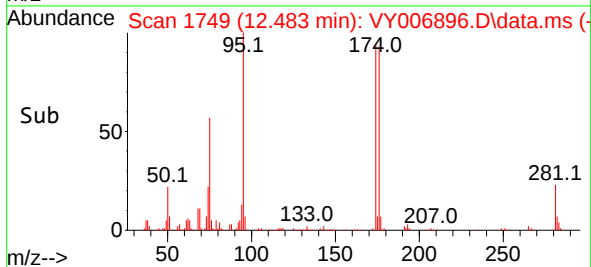
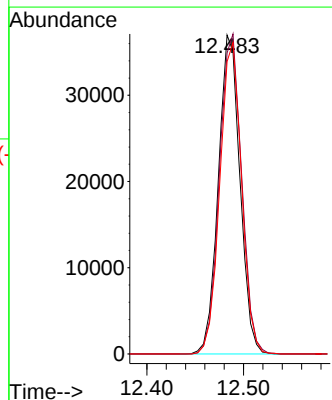
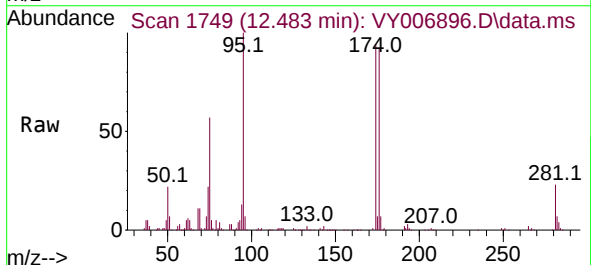
Instrument :
MSVOA_Y
ClientSampleId :

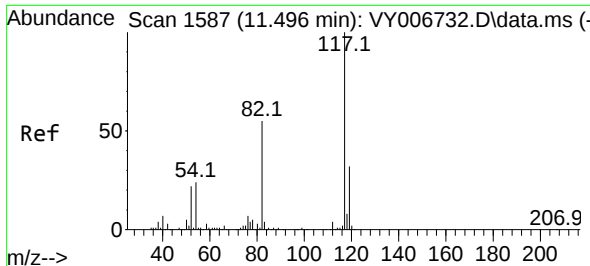
Tgt Ion: 43 Resp: 270
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 42.395 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006896.D
Acq: 26 Nov 2021 13:45

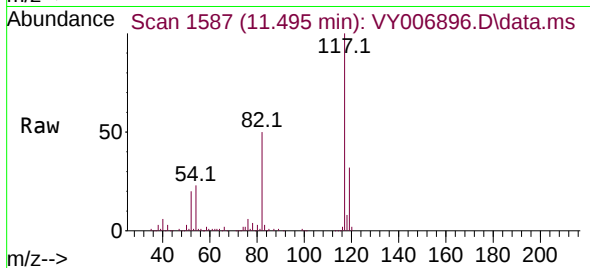
Tgt Ion: 95 Resp: 57304
Ion Ratio Lower Upper
95 100
174 103.0 0.0 177.0
176 97.9 0.0 169.4



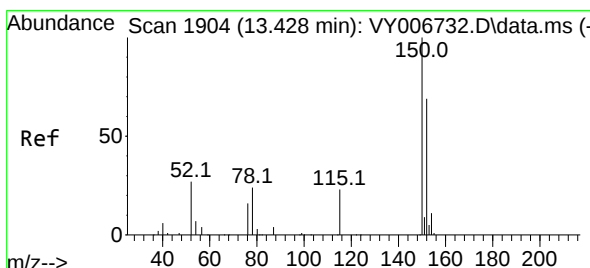
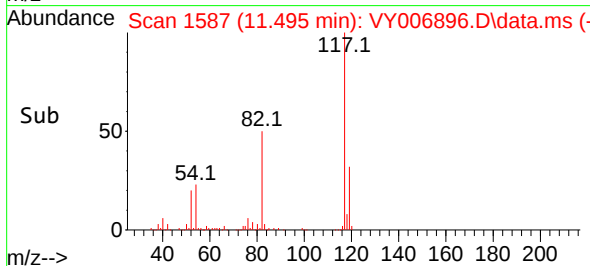
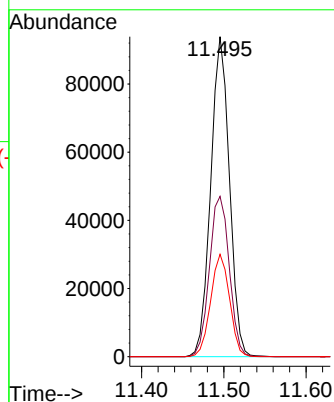


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006896.D
Acq: 26 Nov 2021 13:45

Instrument :
MSVOA_Y
ClientSampleId :

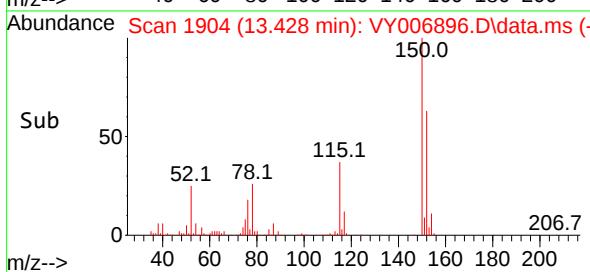
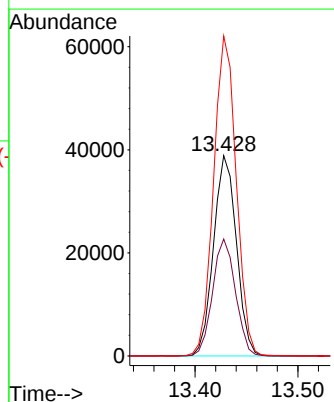
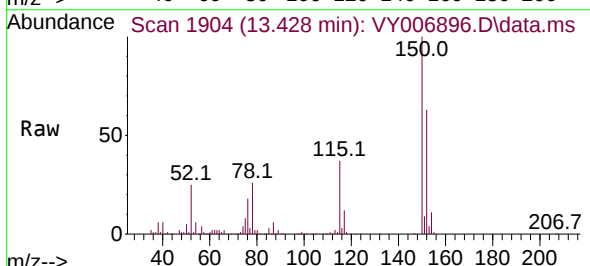


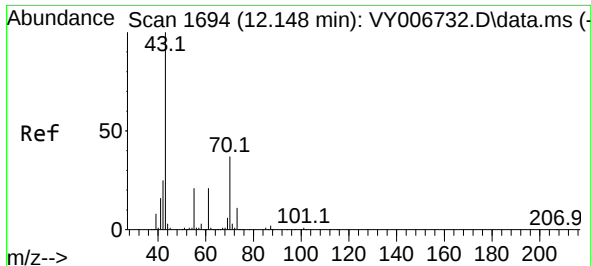
Tgt Ion:117 Resp: 148302
Ion Ratio Lower Upper
117 100
82 50.1 45.7 68.5
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006896.D
Acq: 26 Nov 2021 13:45

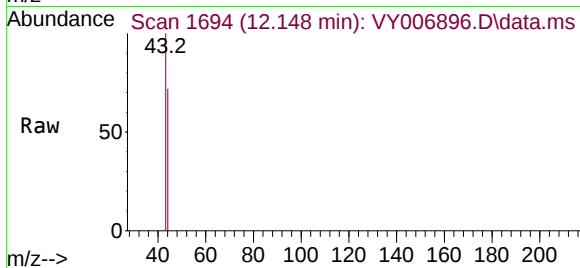
Tgt Ion:152 Resp: 60147
Ion Ratio Lower Upper
152 100
115 58.2 28.5 85.5
150 157.9 0.0 348.2



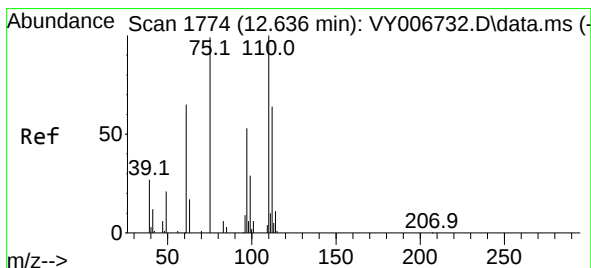
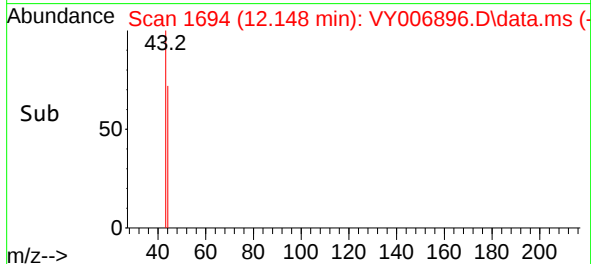
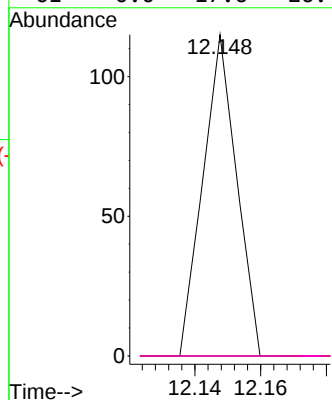


#74
N-amy1 acetate
Concen: 3.202 ug/l
RT: 12.148 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY006896.D
Acq: 26 Nov 2021 13:45

Instrument :
MSVOA_Y
ClientSampleId :

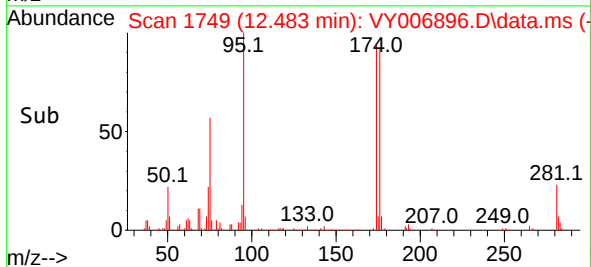
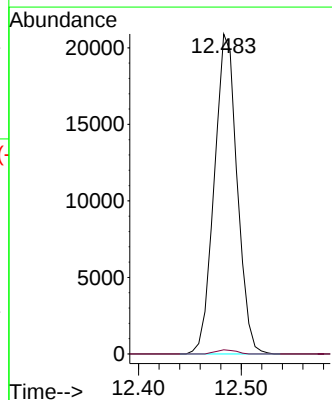
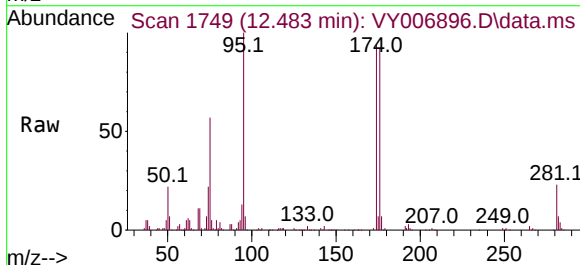


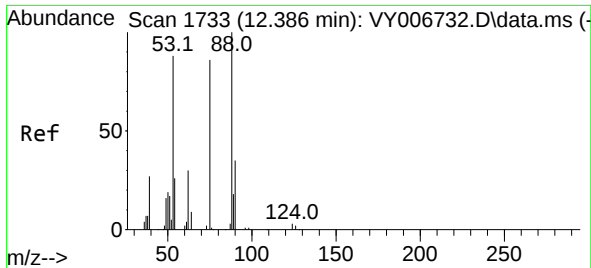
Tgt Ion: 43	Resp: 82
Ion Ratio	Lower Upper
43 100	
70 0.0	29.4 44.0#
55 0.0	18.1 27.1#
61 0.0	17.6 26.4#



#76
1,2,3-Trichloropropane
Concen: 49.293 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006896.D
Acq: 26 Nov 2021 13:45

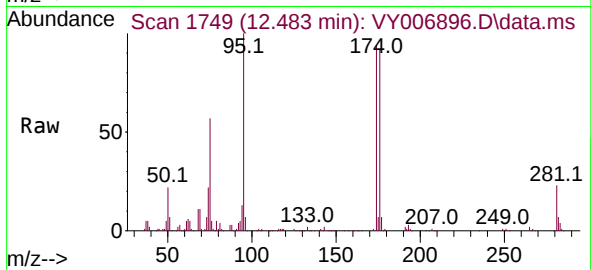
Tgt Ion: 75	Resp: 32234
Ion Ratio	Lower Upper
75 100	
77 1.1	0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.672 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY006896.D
 Acq: 26 Nov 2021 13:45

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 32234
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.8 128.6#
 89 0.1 39.3 58.9#

