

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111921\
 Data File : VY006836.D
 Acq On : 19 Nov 2021 17:31
 Operator : SY/MD
 Sample : M4758-25
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 03:20:40 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)

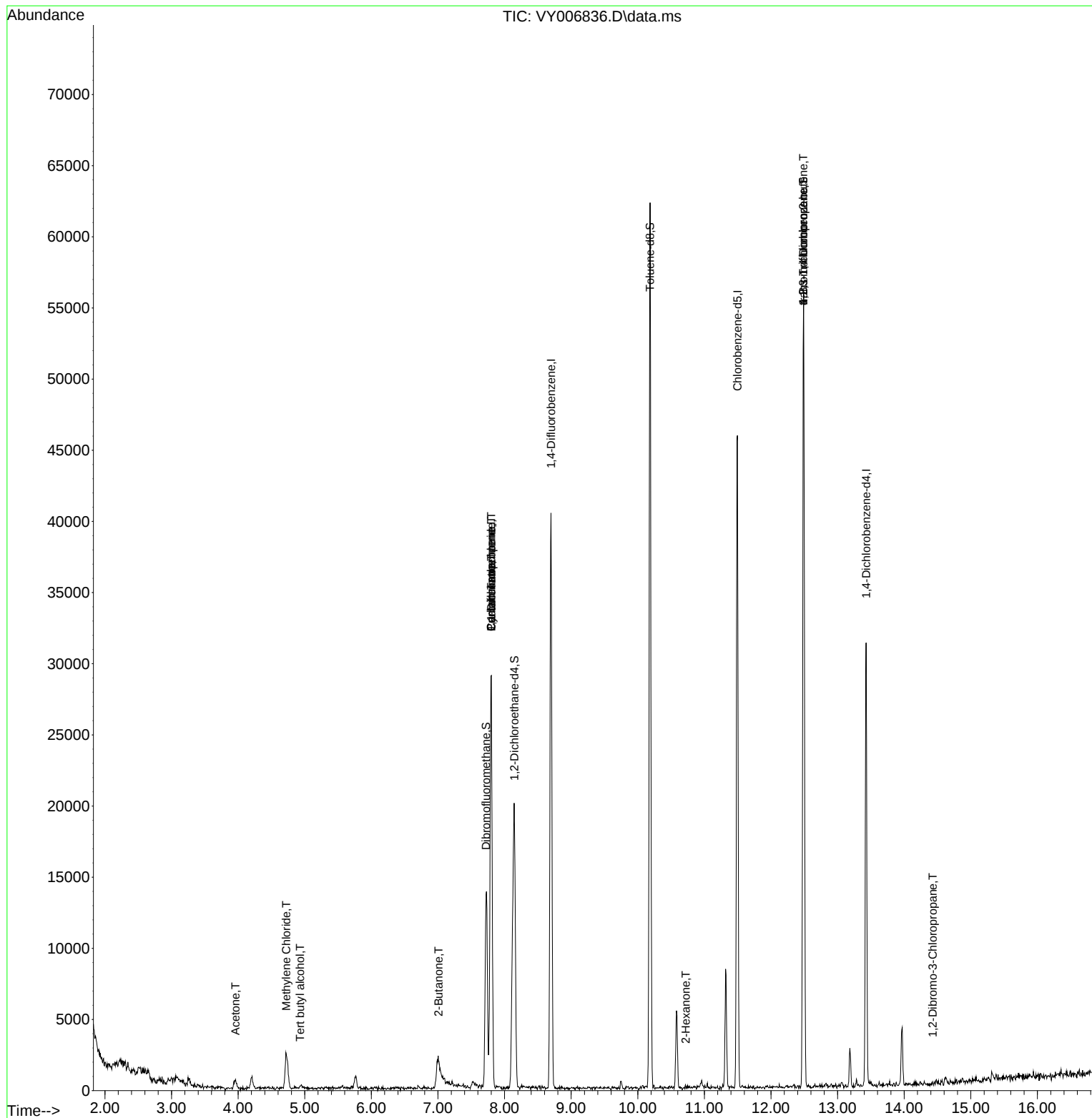
Internal Standards						
1) Pentafluorobenzene	7.801	168	22135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	31295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	23445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	12642	43.577	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.160%		
35) Dibromofluoromethane	7.722	113	9626	50.076	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.160%		
50) Toluene-d8	10.185	98	38746	48.709	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.420%		
62) 4-Bromofluorobenzene	12.483	95	8463	31.559	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	63.120%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.930	59	161	3.690	ug/l #	72
16) Acetone	3.961	43	1110	12.593	ug/l	92
20) Methylene Chloride	4.723	84	1807	3.697	ug/l #	87
25) 2-Butanone	7.009	43	157	12.669	ug/l #	52
31) Cyclohexane	7.801	56	572	1.122	ug/l #	48
36) 1,1-Dichloropropene	7.801	75	2084	6.127	ug/l #	49
38) Carbon Tetrachloride	7.801	117	2157	6.200	ug/l #	12
59) 2-Hexanone	10.721	43	125	24.502	ug/l #	28
76) 1,2,3-Trichloropropane	12.483	75	5185	61.839	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	5185	122.533	ug/l #	7
92) 1,2-Dibromo-3-Chloropr...	14.428	75	20	1.041	ug/l #	5

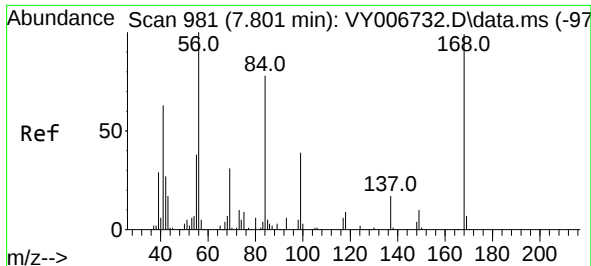
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

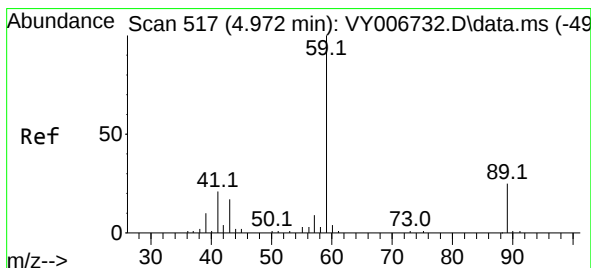
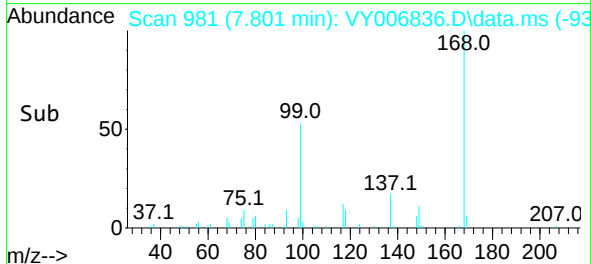
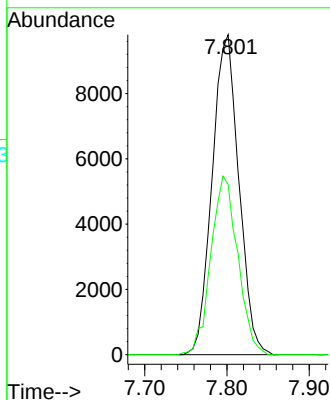
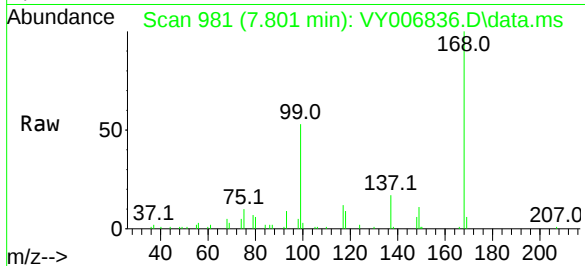




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006836.D
Acq: 19 Nov 2021 17:31

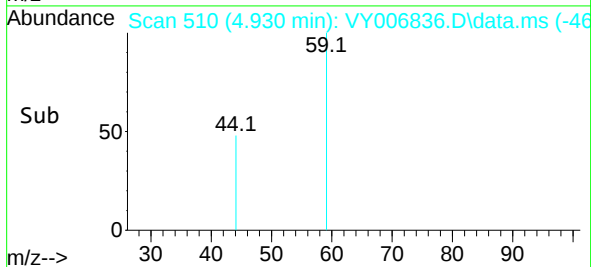
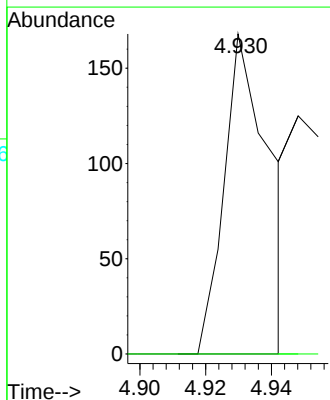
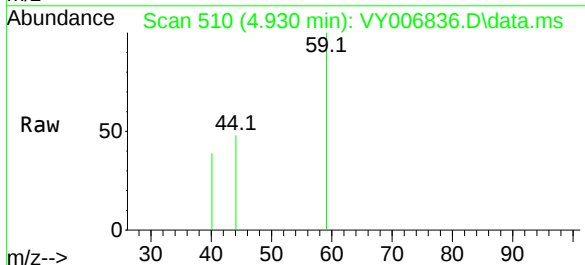
Instrument :
MSVOA_Y
ClientSampleId :

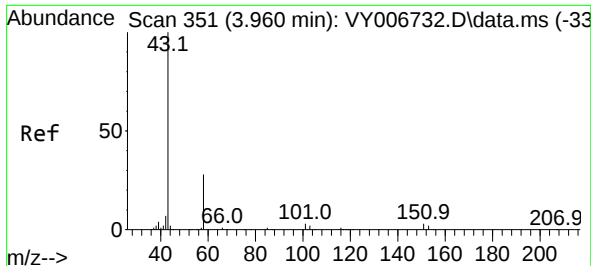
Tgt Ion:168 Resp: 22135
Ion Ratio Lower Upper
168 100
99 53.2 44.8 67.2



#11
Tert butyl alcohol
Concen: 3.690 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.042 min
Lab File: VY006836.D
Acq: 19 Nov 2021 17:31

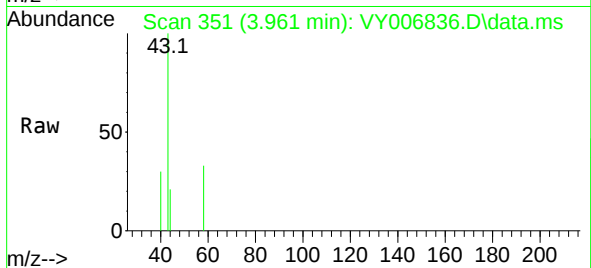
Tgt Ion: 59 Resp: 161
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



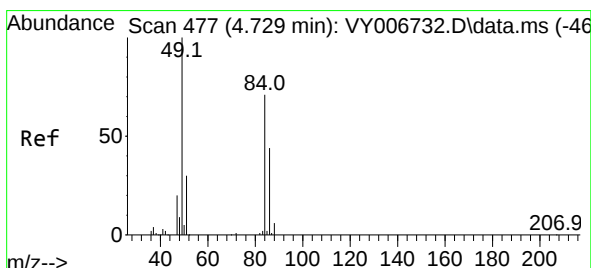
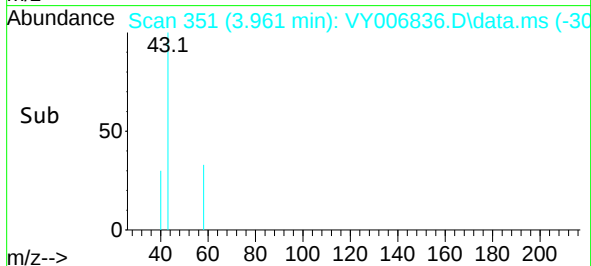
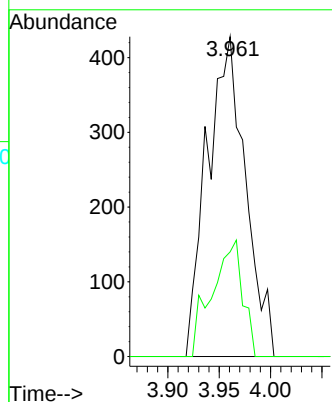


#16
Acetone
Concen: 12.593 ug/l
RT: 3.961 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY006836.D
Acq: 19 Nov 2021 17:31

Instrument :
MSVOA_Y
ClientSampleId :

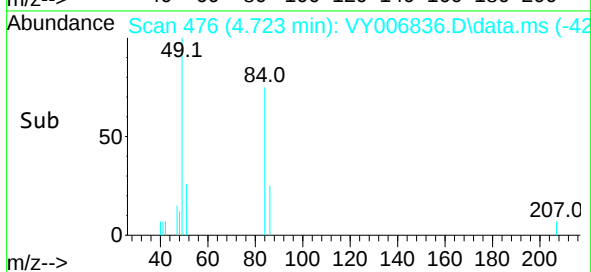
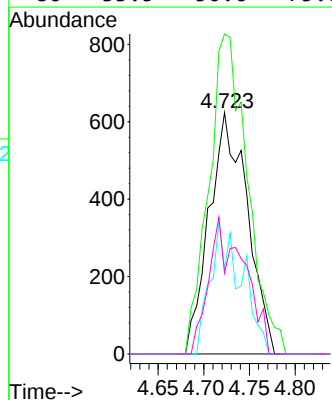
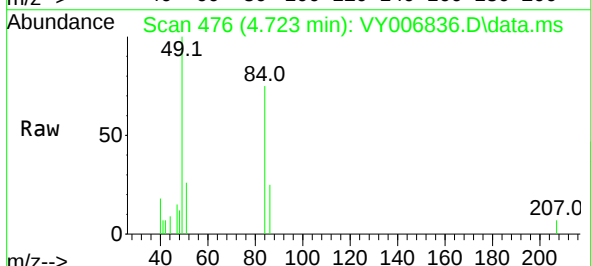


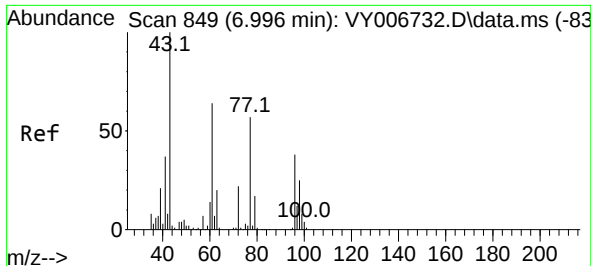
Tgt Ion: 43 Resp: 1110
Ion Ratio Lower Upper
43 100
58 32.7 22.9 34.3



#20
Methylene Chloride
Concen: 3.697 ug/l
RT: 4.723 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY006836.D
Acq: 19 Nov 2021 17:31

Tgt Ion: 84 Resp: 1807
Ion Ratio Lower Upper
84 100
49 132.5 107.8 161.8
51 35.1 32.8 49.2
86 33.5 50.6 75.8#





#25

2-Butanone

Concen: 12.669 ug/l

RT: 7.009 min Scan# 849

Delta R.T. 0.013 min

Lab File: VY006836.D

Acq: 19 Nov 2021 17:31

Instrument :

MSVOA_Y

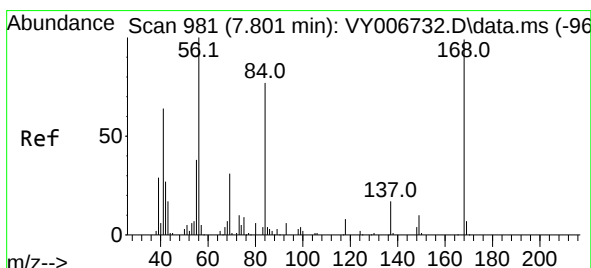
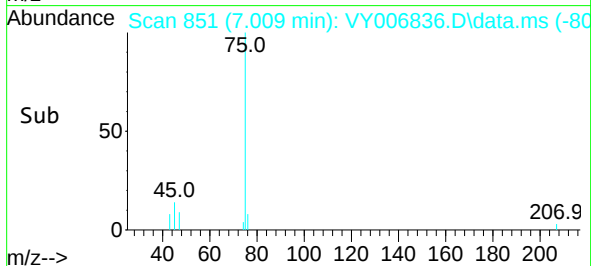
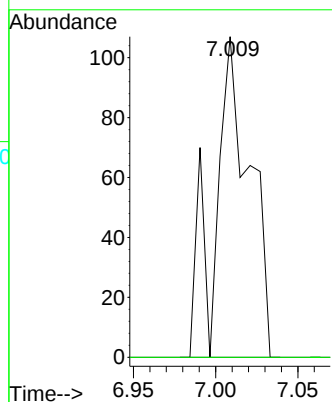
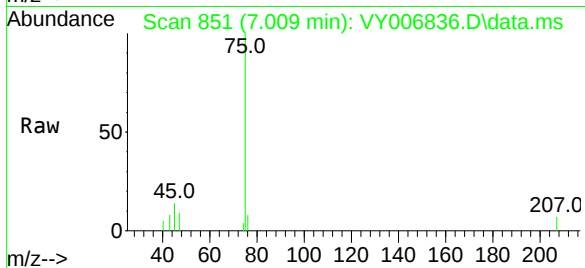
ClientSampleId :

Tgt Ion: 43 Resp: 157

Ion Ratio Lower Upper

43 100

72 0.0 18.9 28.3#



#31

Cyclohexane

Concen: 1.122 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY006836.D

Acq: 19 Nov 2021 17:31

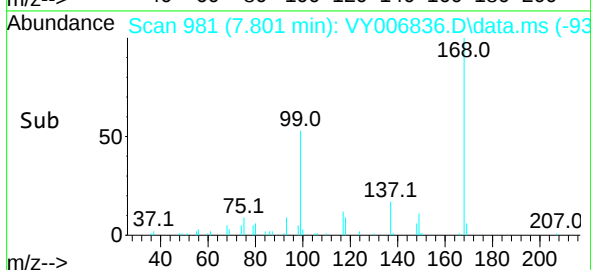
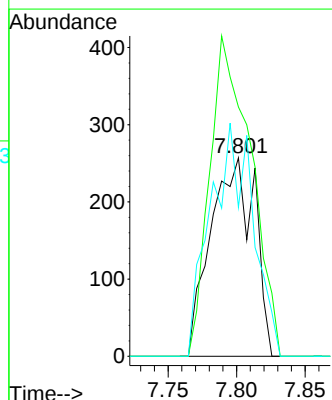
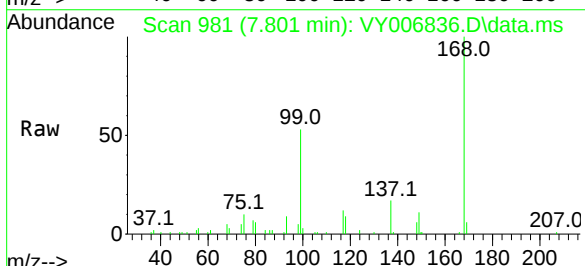
Tgt Ion: 56 Resp: 572

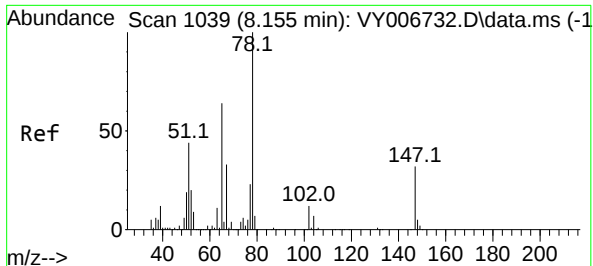
Ion Ratio Lower Upper

56 100

69 125.7 26.6 40.0#

84 75.1 65.0 97.4





#33

1,2-Dichloroethane-d4

Concen: 43.577 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY006836.D

Acq: 19 Nov 2021 17:31

Instrument :

MSVOA_Y

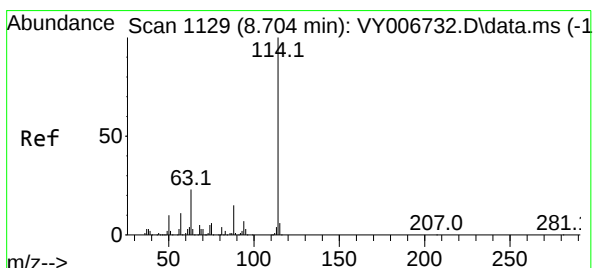
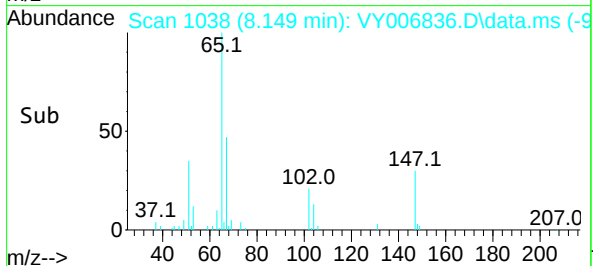
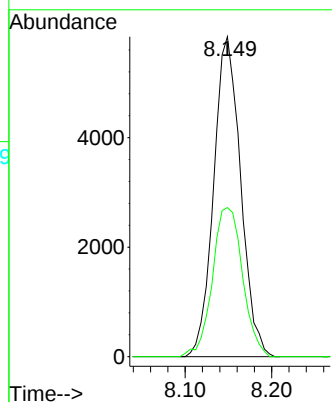
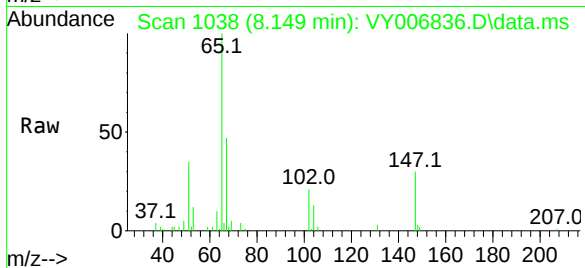
ClientSampleId :

Tgt Ion: 65 Resp: 12642

Ion Ratio Lower Upper

65 100

67 52.0 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: VY006836.D

Acq: 19 Nov 2021 17:31

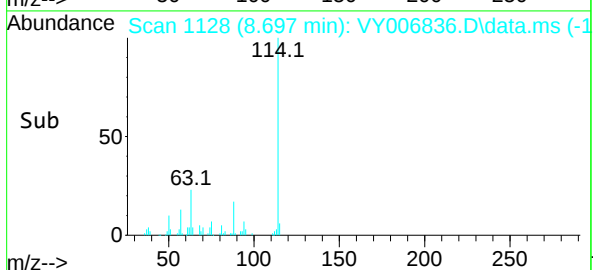
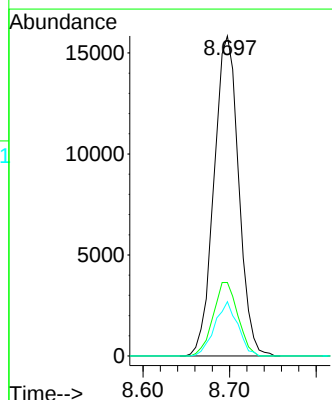
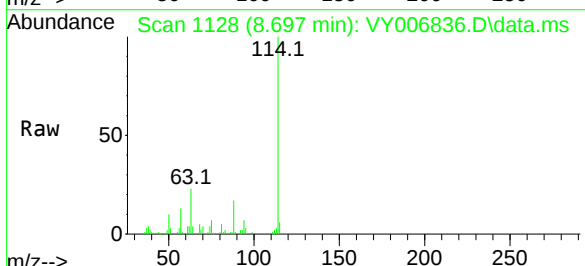
Tgt Ion: 114 Resp: 31295

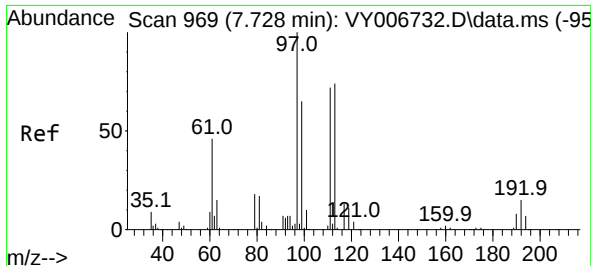
Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.0

88 17.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.076 ug/l

RT: 7.722 min Scan# 90

Delta R.T. -0.006 min

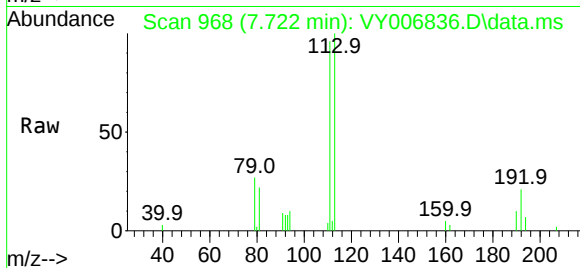
Lab File: VY006836.D

Acq: 19 Nov 2021 17:31

Instrument :

MSVOA_Y

ClientSampleId :



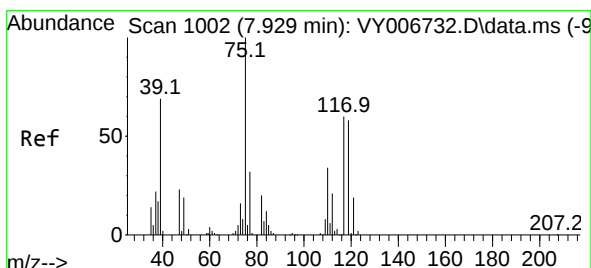
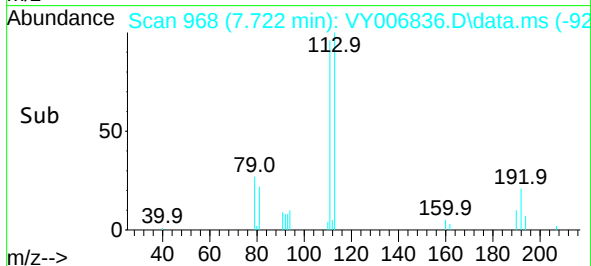
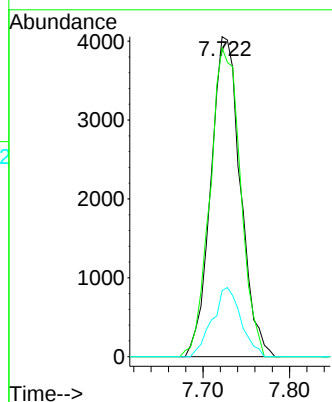
Tgt Ion:113 Resp: 9626

Ion Ratio Lower Upper

113 100

111 98.9 82.3 123.5

192 20.9 17.4 26.2



#36

1,1-Dichloropropene

Concen: 6.127 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.128 min

Lab File: VY006836.D

Acq: 19 Nov 2021 17:31

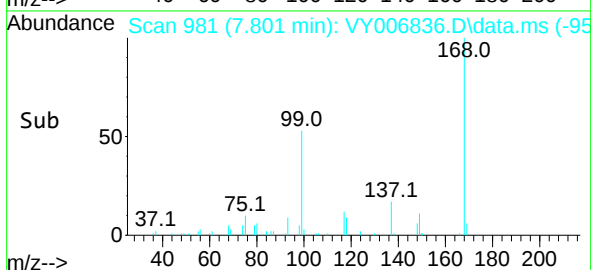
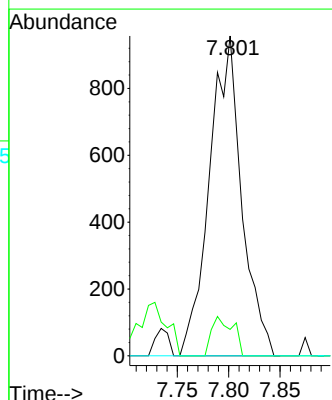
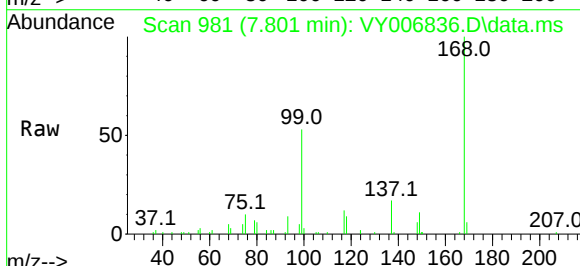
Tgt Ion: 75 Resp: 2084

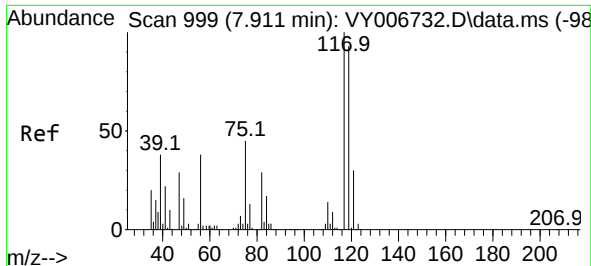
Ion Ratio Lower Upper

75 100

110 8.2 17.1 51.3#

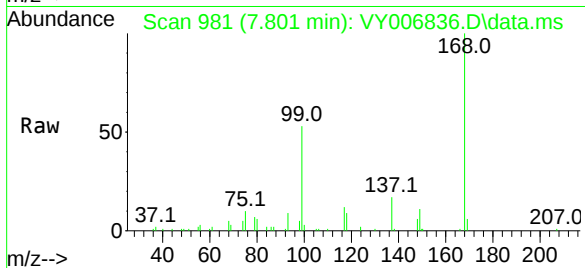
77 0.0 24.9 37.3#



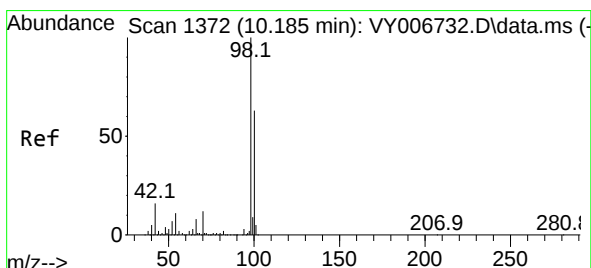
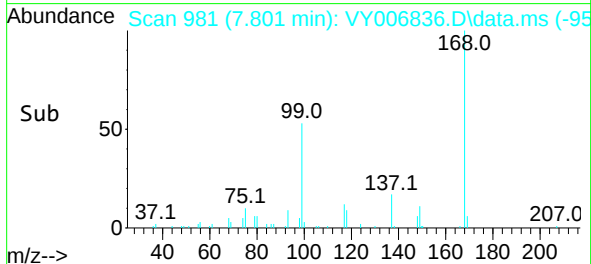
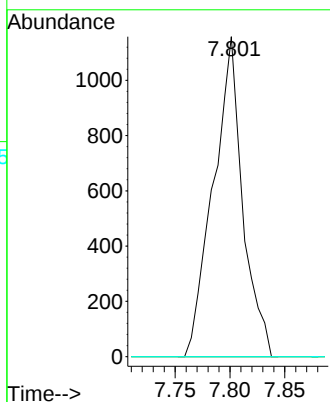


#38
Carbon Tetrachloride
Concen: 6.200 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006836.D
Acq: 19 Nov 2021 17:31

Instrument :
MSVOA_Y
ClientSampleId :

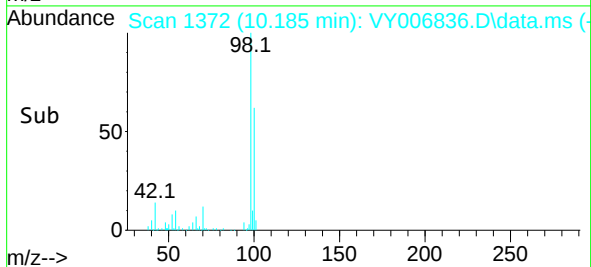
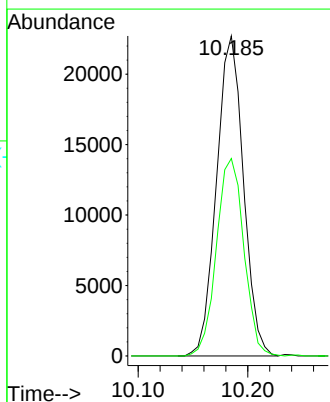
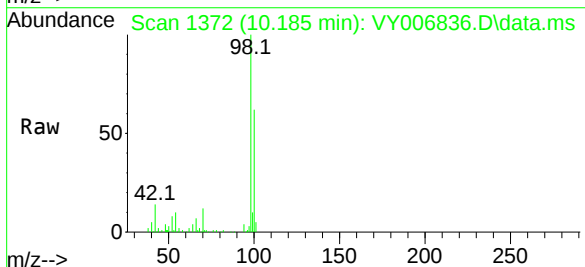


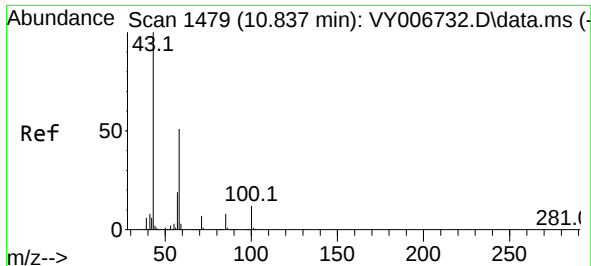
Tgt Ion:117 Resp: 2157
Ion Ratio Lower Upper
117 100
119 0.0 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 48.709 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006836.D
Acq: 19 Nov 2021 17:31

Tgt Ion: 98 Resp: 38746
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3

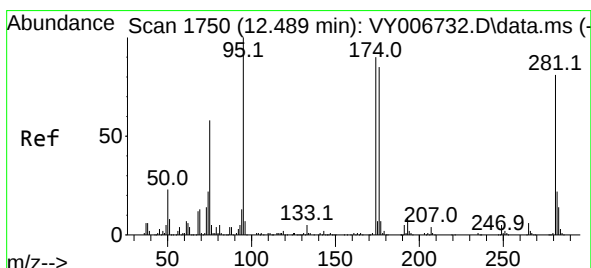
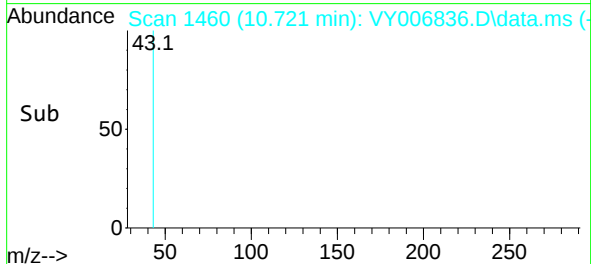
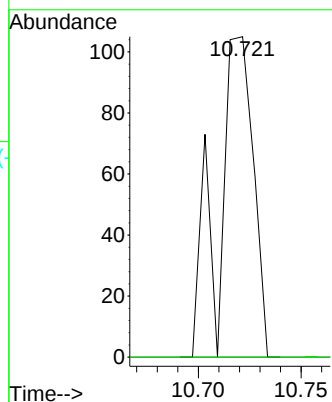
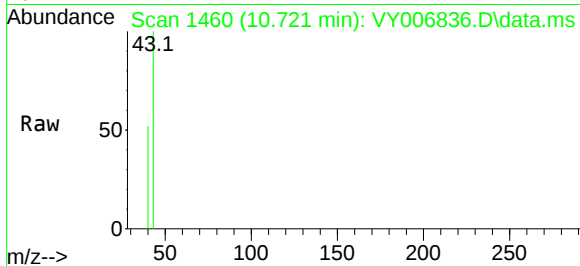




#59
2-Hexanone
Concen: 24.502 ug/l
RT: 10.721 min Scan# 1479
Delta R.T. -0.116 min
Lab File: VY006836.D
Acq: 19 Nov 2021 17:31

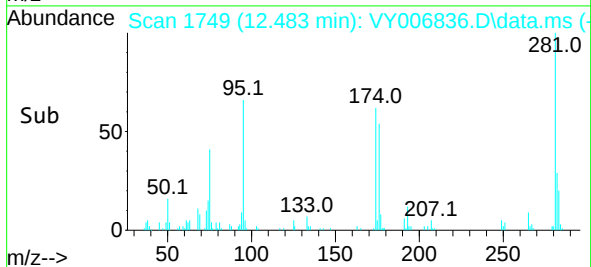
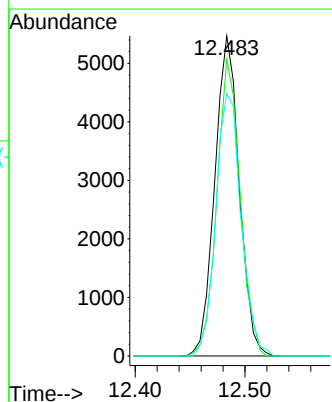
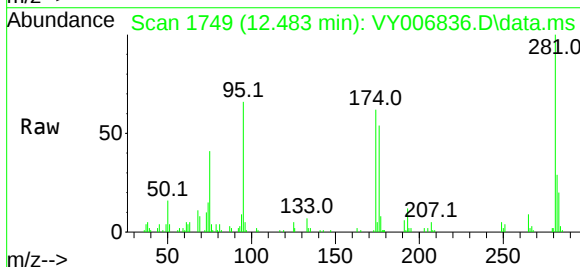
Instrument :
MSVOA_Y
ClientSampleId :

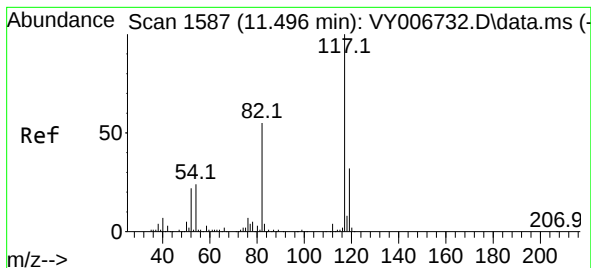
Tgt Ion: 43 Resp: 125
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 31.559 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006836.D
Acq: 19 Nov 2021 17:31

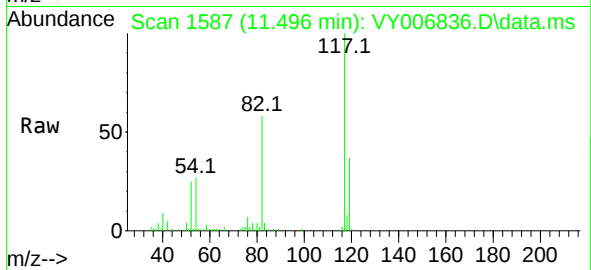
Tgt Ion: 95 Resp: 8463
Ion Ratio Lower Upper
95 100
174 88.3 0.0 177.0
176 85.2 0.0 169.4



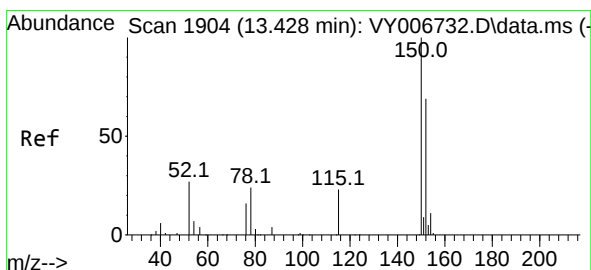
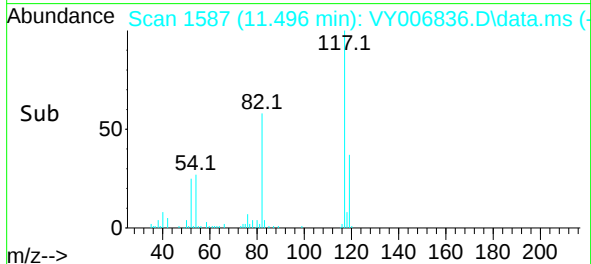
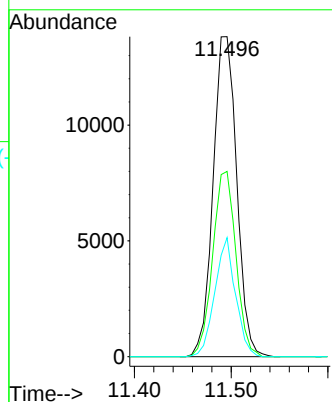


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006836.D
Acq: 19 Nov 2021 17:31

Instrument :
MSVOA_Y
ClientSampleId :

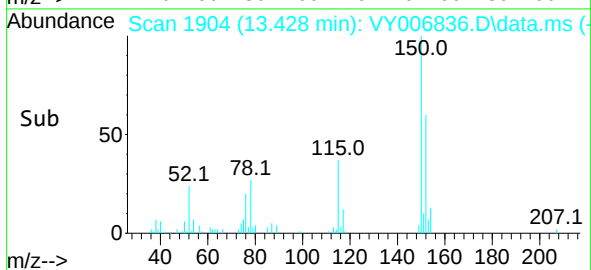
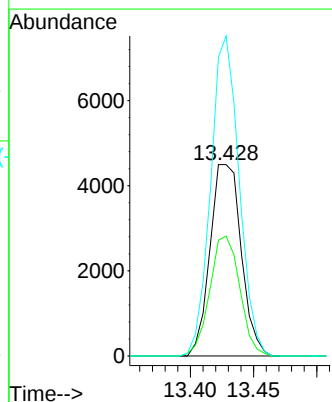
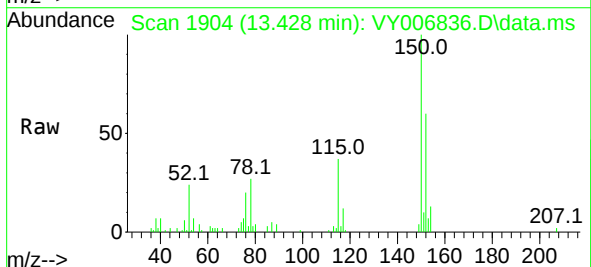


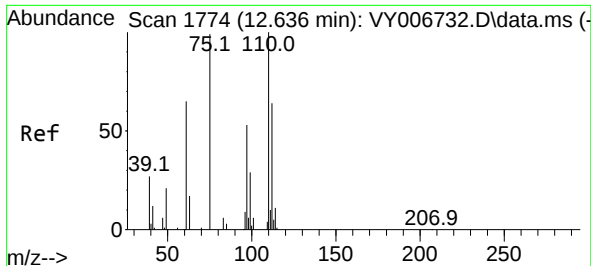
Tgt Ion:117 Resp: 23445
Ion Ratio Lower Upper
117 100
82 57.9 45.7 68.5
119 37.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006836.D
Acq: 19 Nov 2021 17:31

Tgt Ion:152 Resp: 7712
Ion Ratio Lower Upper
152 100
115 60.2 28.5 85.5
150 152.4 0.0 348.2

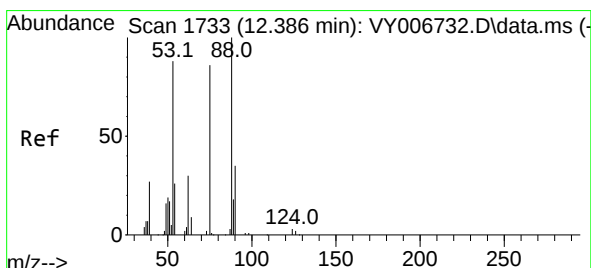
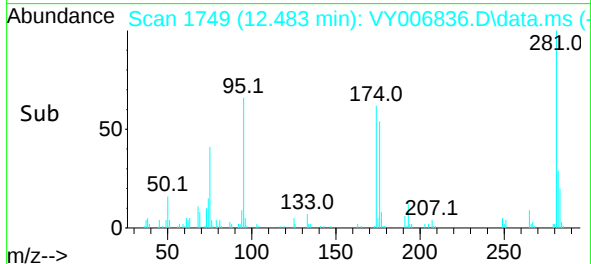
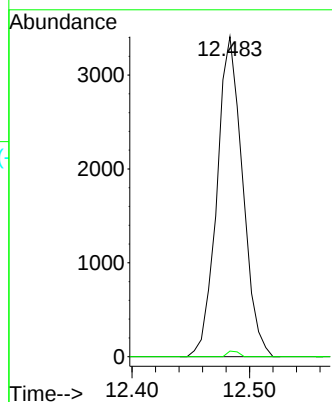
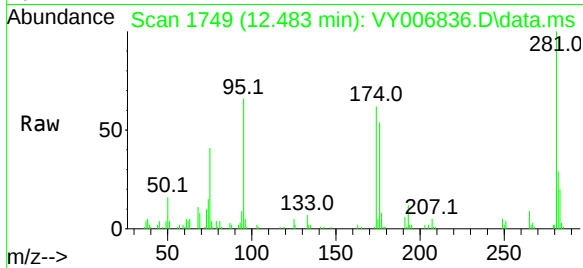




#76
1,2,3-Trichloropropane
Concen: 61.839 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006836.D
Acq: 19 Nov 2021 17:31

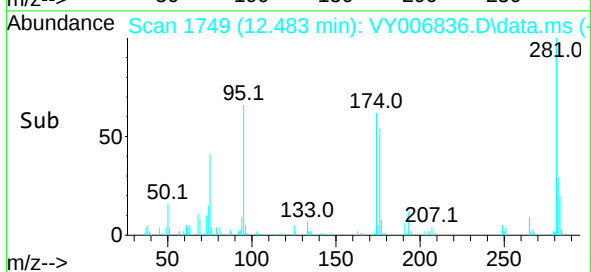
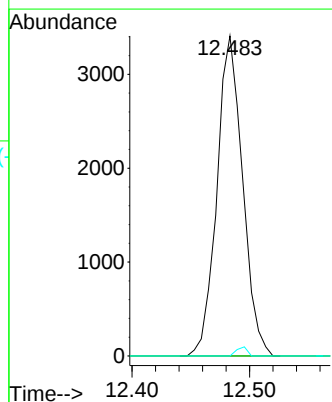
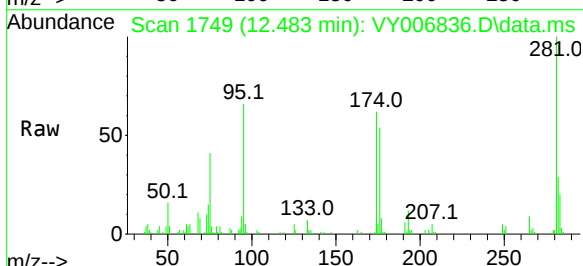
Instrument :
MSVOA_Y
ClientSampleId :

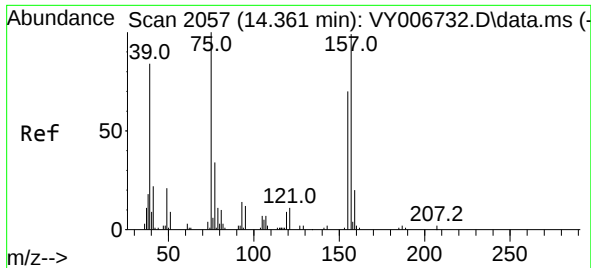
Tgt Ion: 75 Resp: 5185
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.533 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY006836.D
Acq: 19 Nov 2021 17:31

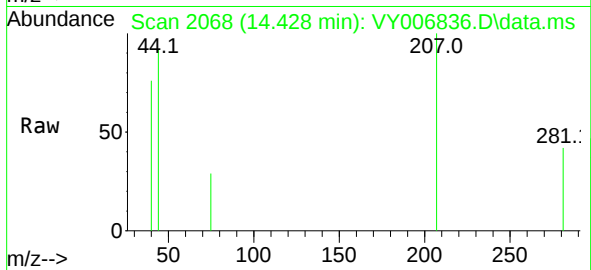
Tgt Ion: 75 Resp: 5185
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 1.2 39.3 58.9#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.041 ug/l
 RT: 14.428 min Scan# 20
 Delta R.T. 0.067 min
 Lab File: VY006836.D
 Acq: 19 Nov 2021 17:31

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75	Resp:	20
Ion Ratio	Lower	Upper
75	100	
155	0.0	39.0 116.9#
157	0.0	49.2 147.6#

