

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111921\
 Data File : VY006842.D
 Acq On : 19 Nov 2021 20:16
 Operator : SY/MD
 Sample : M4758-11
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 03:21:27 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)

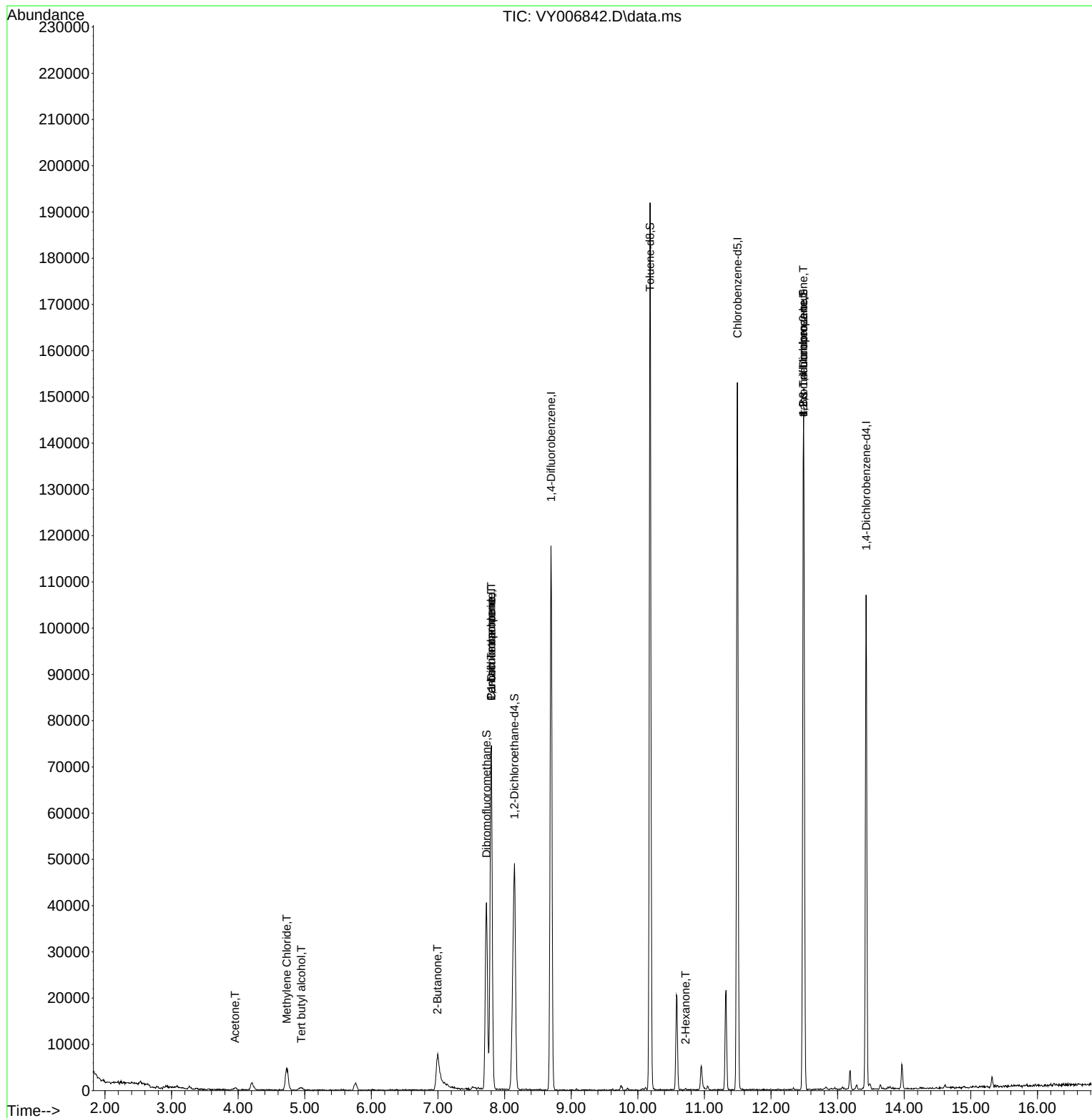
Internal Standards						
1) Pentafluorobenzene	7.801	168	56228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	90660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	76265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	25618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	32901	44.646	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.300%
35) Dibromofluoromethane	7.728	113	27087	48.642	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.280%
50) Toluene-d8	10.185	98	113511	49.258	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.520%
62) 4-Bromofluorobenzene	12.483	95	26852	34.565	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.120%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	969	8.743	ug/l #	72
16) Acetone	3.954	43	984	4.395	ug/l	91
20) Methylene Chloride	4.728	84	3310	1.639	ug/l #	87
25) 2-Butanone	6.990	43	736	13.657	ug/l #	52
36) 1,1-Dichloropropene	7.801	75	5336	5.415	ug/l #	45
38) Carbon Tetrachloride	7.801	117	5653	5.608	ug/l #	17
59) 2-Hexanone	10.715	43	170	24.138	ug/l #	28
76) 1,2,3-Trichloropropane	12.483	75	16688	59.916	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	16688	118.721	ug/l #	7

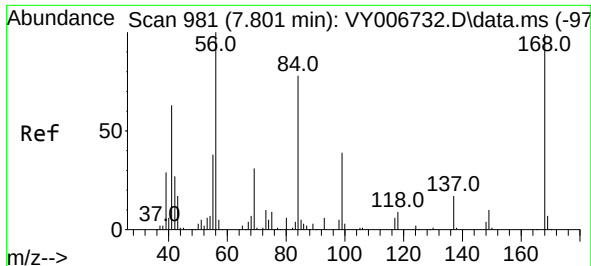
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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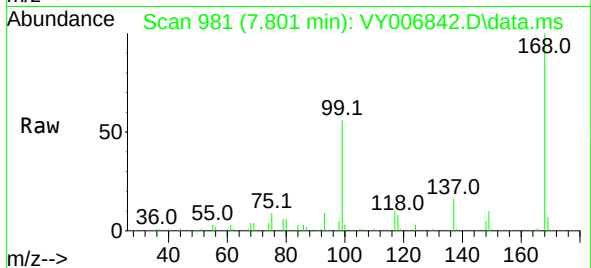
Quant Time: Nov 22 03:21:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
Quant Title : SW846 8260
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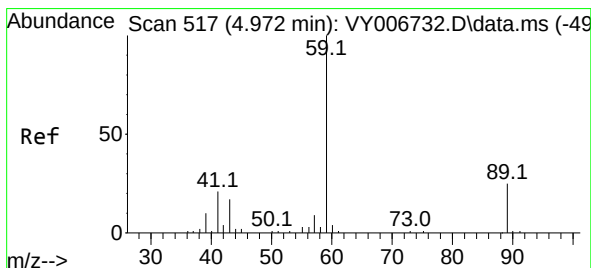
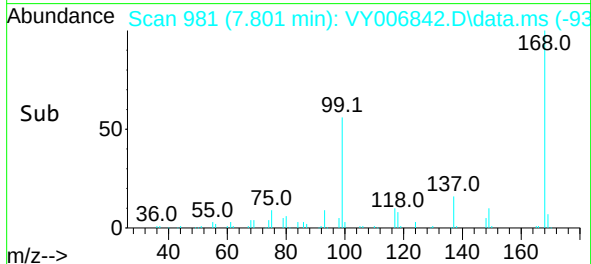
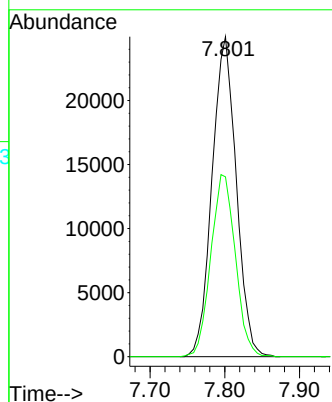


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006842.D
Acq: 19 Nov 2021 20:16

Instrument :
MSVOA_Y
ClientSampleId :

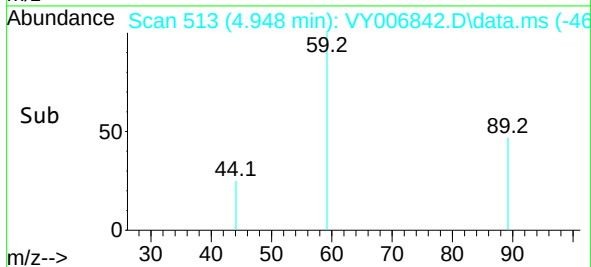
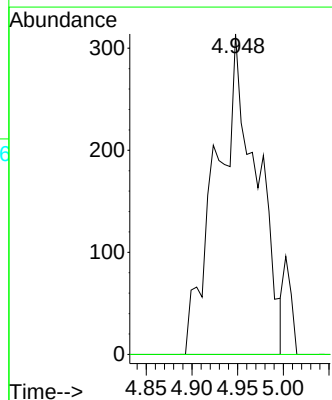
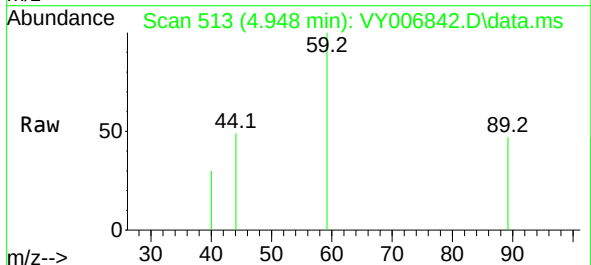


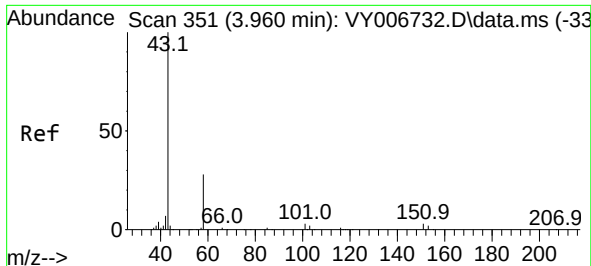
Tgt Ion:168 Resp: 56228
Ion Ratio Lower Upper
168 100
99 56.2 44.8 67.2



#11
Tert butyl alcohol
Concen: 8.743 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.024 min
Lab File: VY006842.D
Acq: 19 Nov 2021 20:16

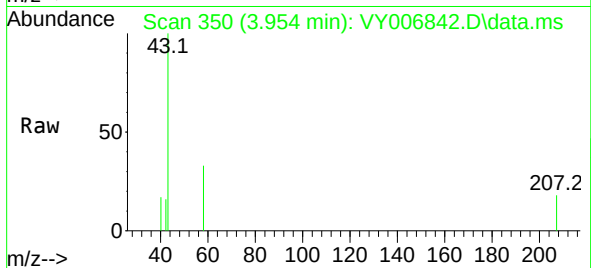
Tgt Ion: 59 Resp: 969
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



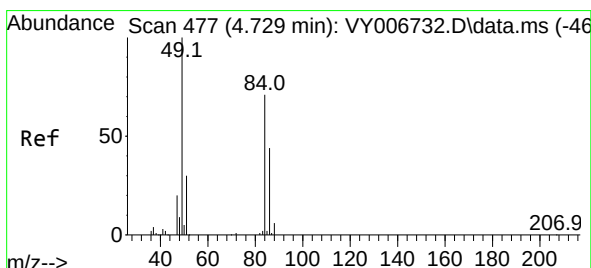
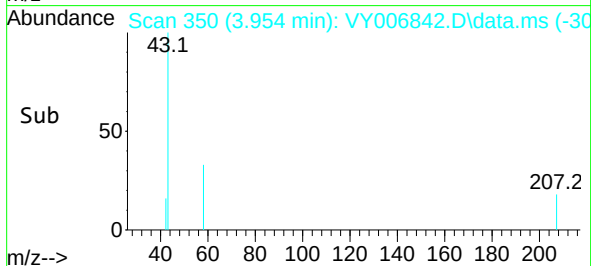
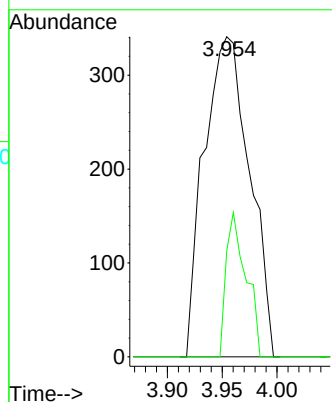


#16
Acetone
Concen: 4.395 ug/l
RT: 3.954 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY006842.D
Acq: 19 Nov 2021 20:16

Instrument :
MSVOA_Y
ClientSampleId :

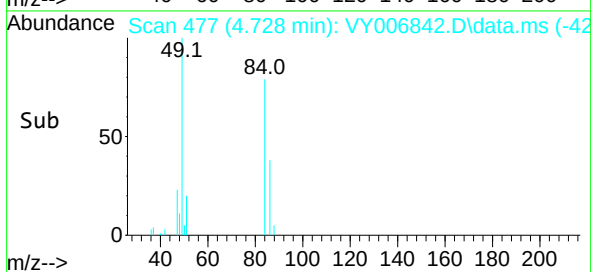
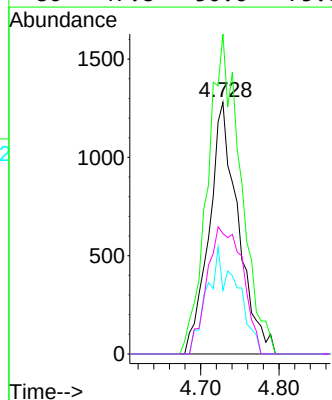
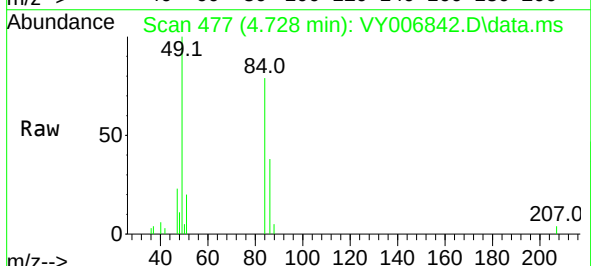


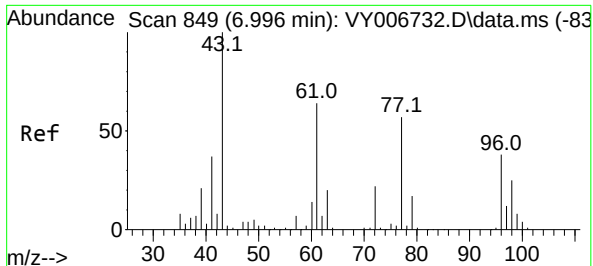
Tgt Ion: 43 Resp: 984
Ion Ratio Lower Upper
43 100
58 33.1 22.9 34.3



#20
Methylene Chloride
Concen: 1.639 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY006842.D
Acq: 19 Nov 2021 20:16

Tgt Ion: 84 Resp: 3310
Ion Ratio Lower Upper
84 100
49 127.2 107.8 161.8
51 25.2 32.8 49.2#
86 47.8 50.6 75.8#





#25

2-Butanone

Concen: 13.657 ug/l

RT: 6.990 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY006842.D

Acq: 19 Nov 2021 20:16

Instrument :

MSVOA_Y

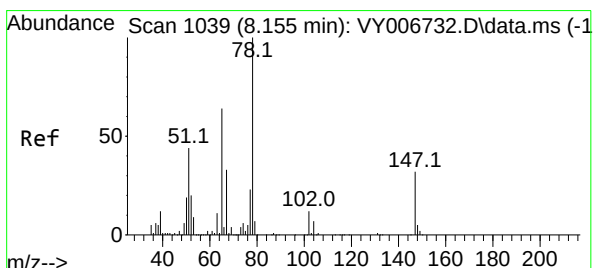
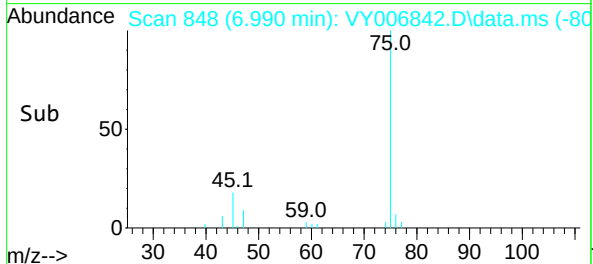
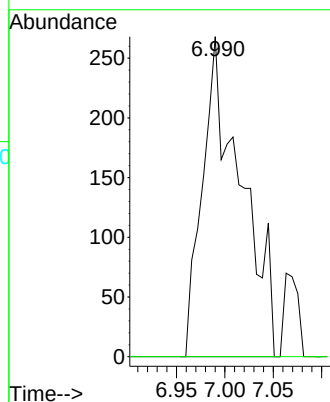
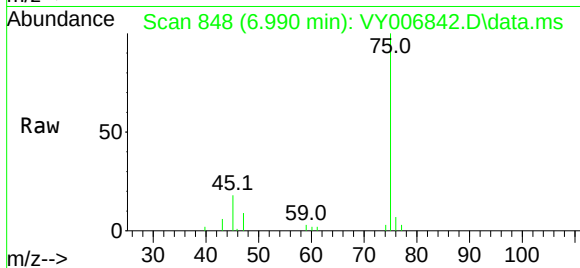
ClientSampleId :

Tgt Ion: 43 Resp: 736

Ion Ratio Lower Upper

43 100

72 0.0 18.9 28.3#



#33

1,2-Dichloroethane-d4

Concen: 44.646 ug/l

RT: 8.148 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY006842.D

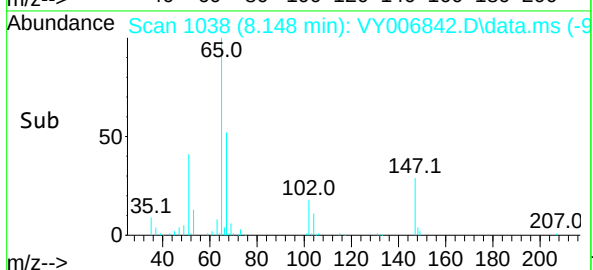
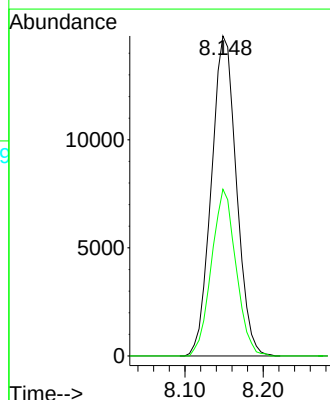
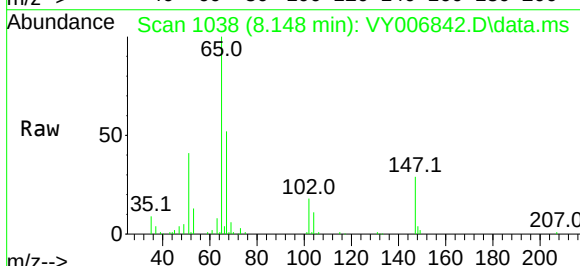
Acq: 19 Nov 2021 20:16

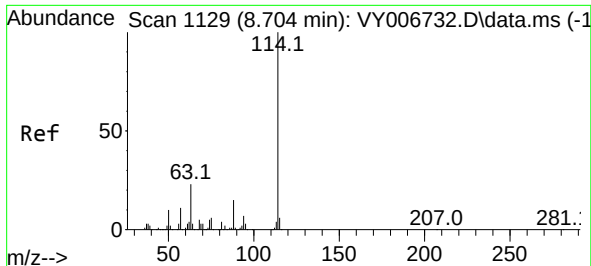
Tgt Ion: 65 Resp: 32901

Ion Ratio Lower Upper

65 100

67 51.1 0.0 98.2

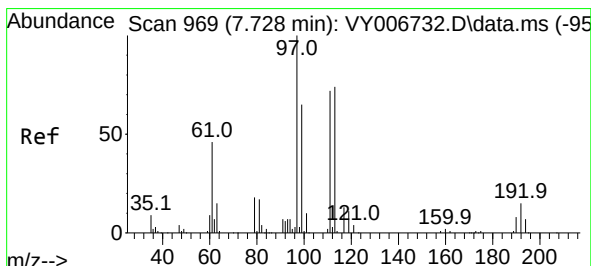
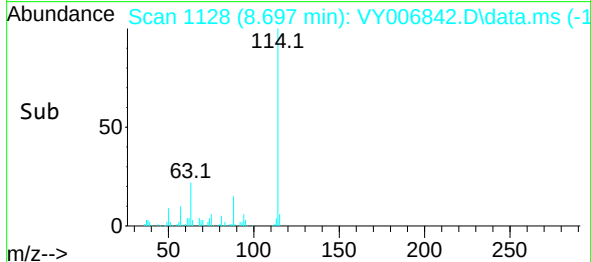
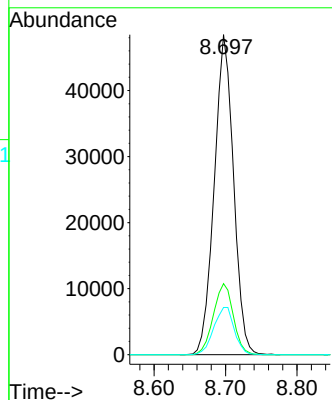
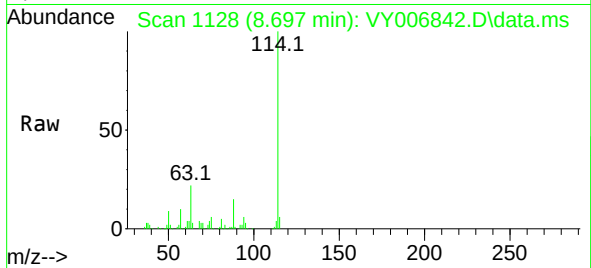




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY006842.D
Acq: 19 Nov 2021 20:16

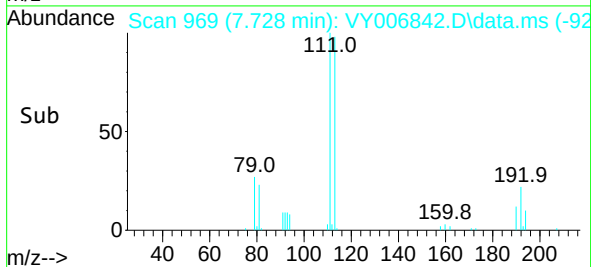
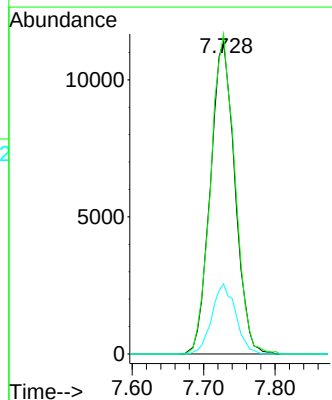
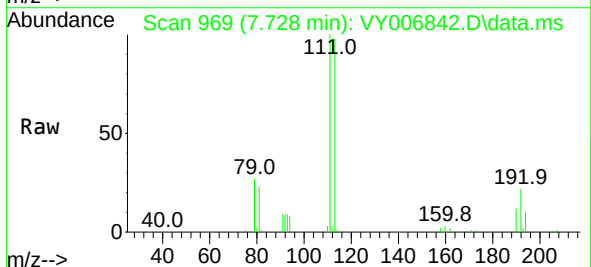
Instrument :
MSVOA_Y
ClientSampleId :

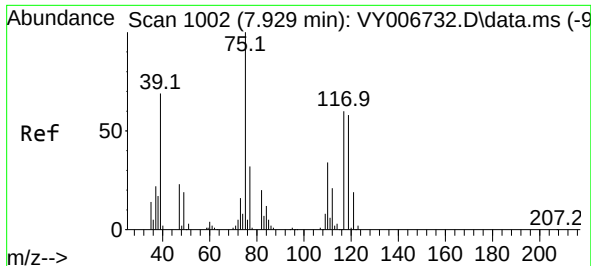
Tgt Ion:114 Resp: 90660
Ion Ratio Lower Upper
114 100
63 22.2 0.0 45.0
88 14.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.642 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006842.D
Acq: 19 Nov 2021 20:16

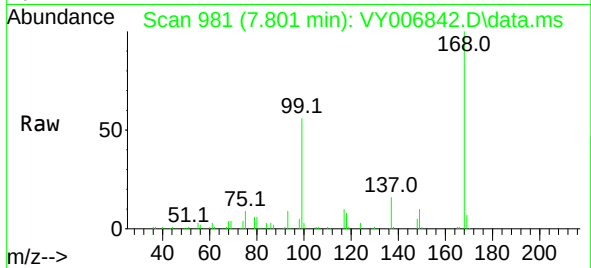
Tgt Ion:113 Resp: 27087
Ion Ratio Lower Upper
113 100
111 101.7 82.3 123.5
192 21.8 17.4 26.2



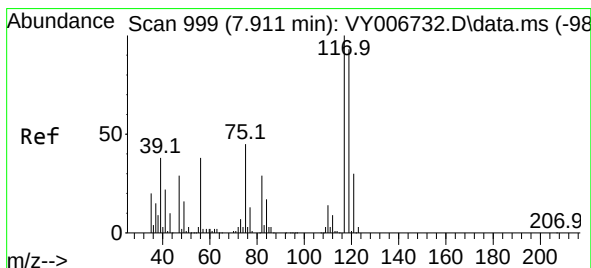
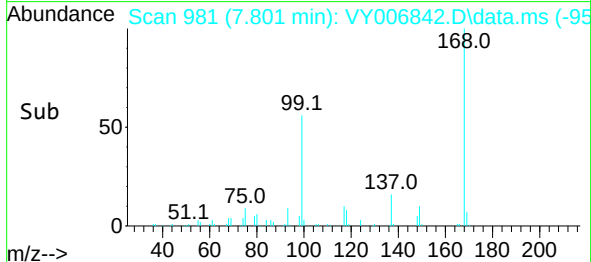
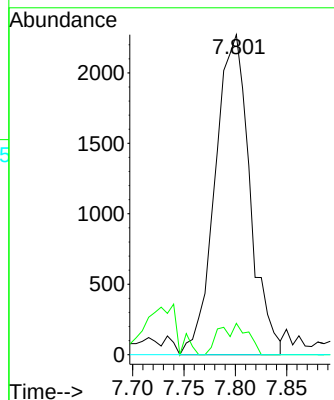


#36
1,1-Dichloropropene
Concen: 5.415 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY006842.D
Acq: 19 Nov 2021 20:16

Instrument :
MSVOA_Y
ClientSampleId :

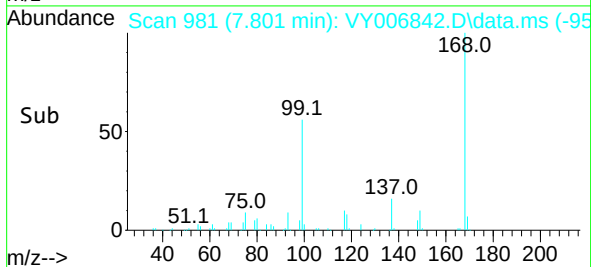
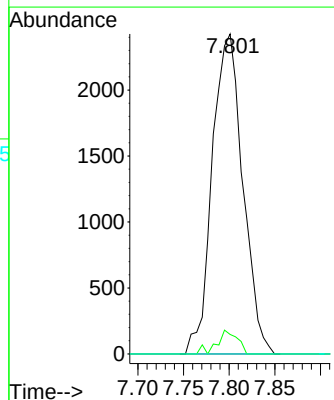
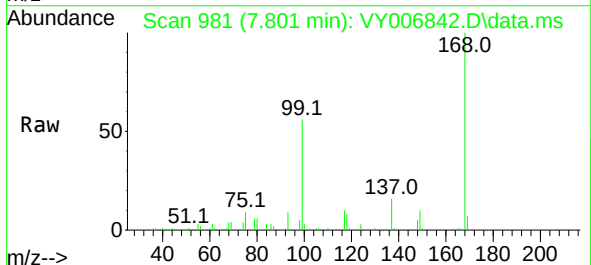


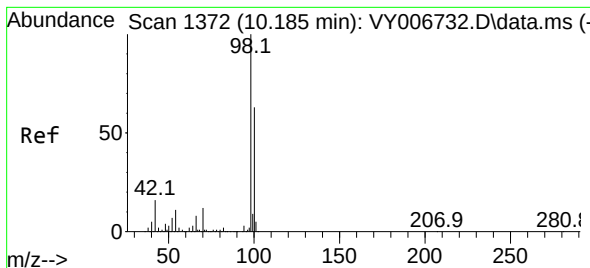
Tgt Ion: 75 Resp: 5336
Ion Ratio Lower Upper
75 100
110 3.8 17.1 51.3#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.608 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY006842.D
Acq: 19 Nov 2021 20:16

Tgt Ion: 117 Resp: 5653
Ion Ratio Lower Upper
117 100
119 6.1 76.6 115.0#
121 0.0 24.7 37.1#

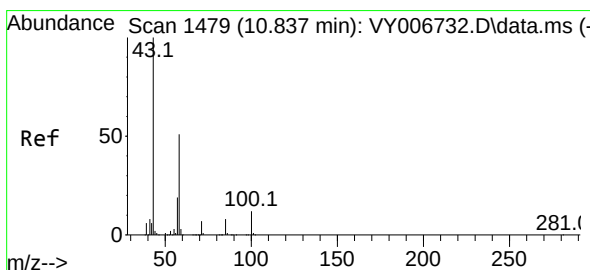
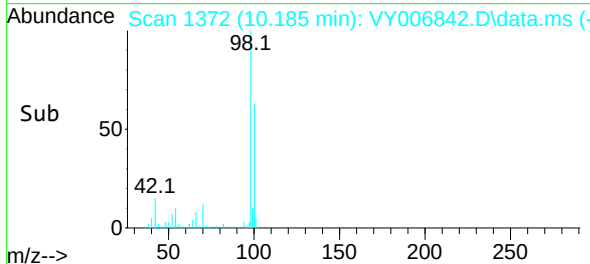
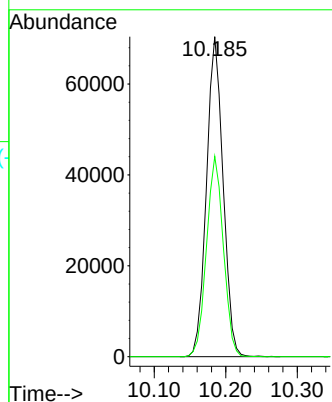
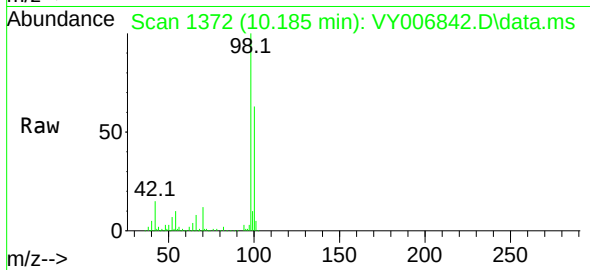




#50
Toluene-d8
Concen: 49.258 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006842.D
Acq: 19 Nov 2021 20:16

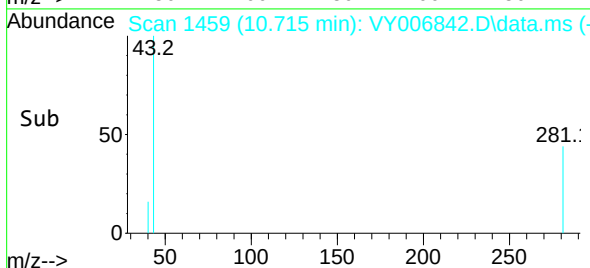
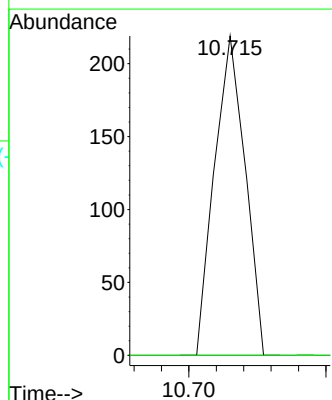
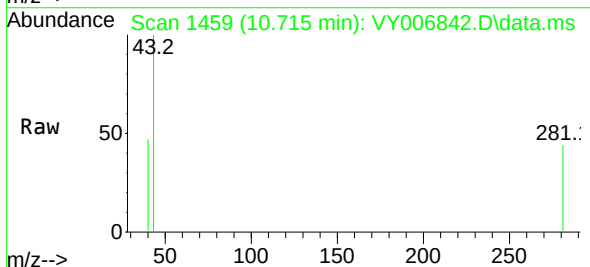
Instrument :
MSVOA_Y
ClientSampleId :

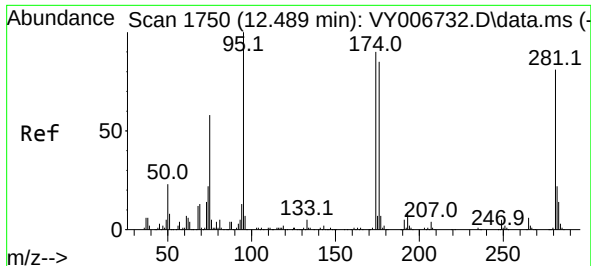
Tgt Ion: 98 Resp: 113511
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#59
2-Hexanone
Concen: 24.138 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.122 min
Lab File: VY006842.D
Acq: 19 Nov 2021 20:16

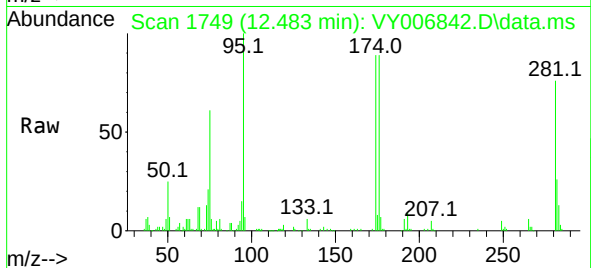
Tgt Ion: 43 Resp: 170
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#



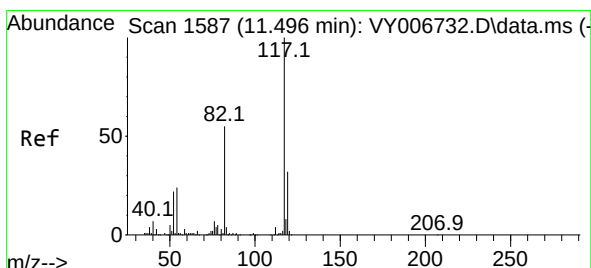
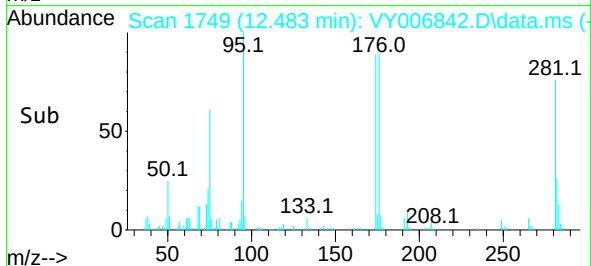
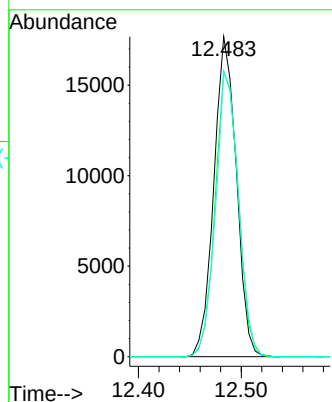


#62
4-Bromofluorobenzene
Concen: 34.565 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006842.D
Acq: 19 Nov 2021 20:16

Instrument :
MSVOA_Y
ClientSampleId :

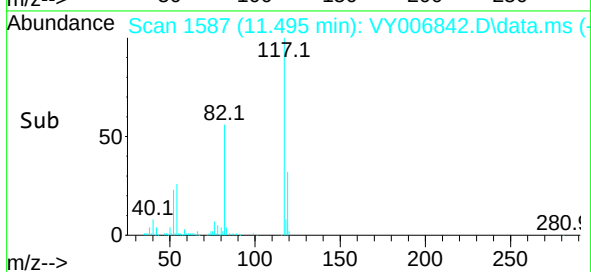
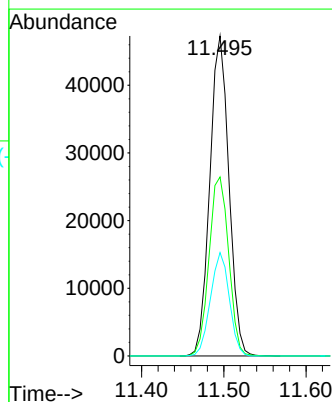
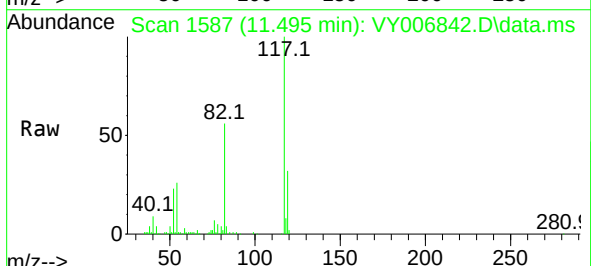


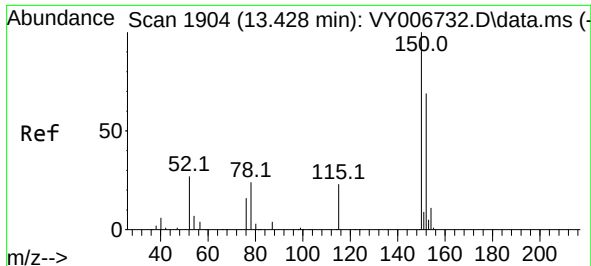
Tgt Ion: 95 Resp: 26852
Ion Ratio Lower Upper
95 100
174 91.8 0.0 177.0
176 90.1 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006842.D
Acq: 19 Nov 2021 20:16

Tgt Ion: 117 Resp: 76265
Ion Ratio Lower Upper
117 100
82 55.9 45.7 68.5
119 32.3 25.5 38.3

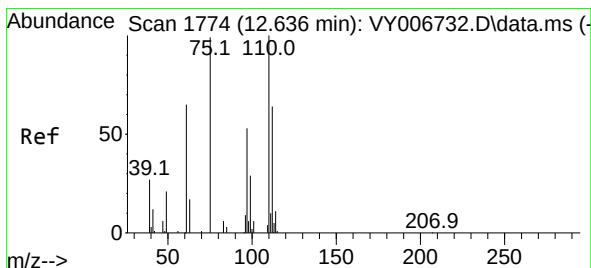
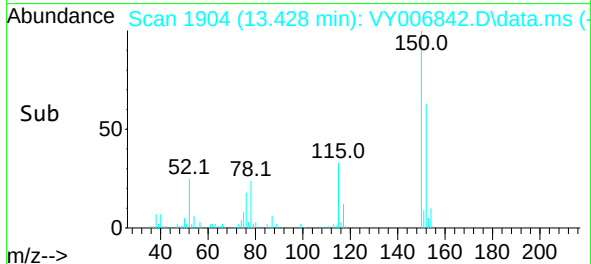
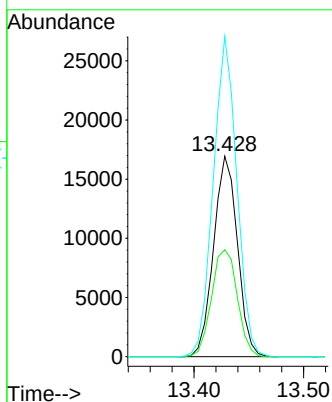
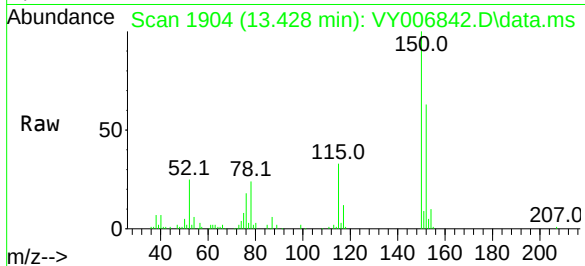




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006842.D
 Acq: 19 Nov 2021 20:16

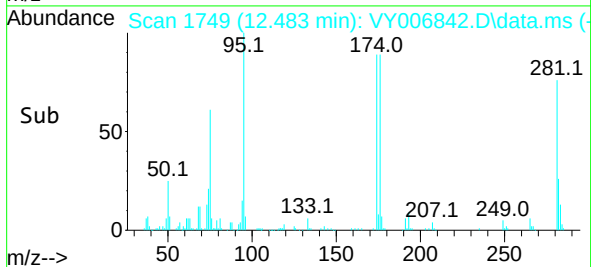
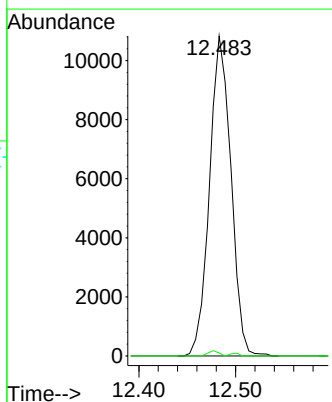
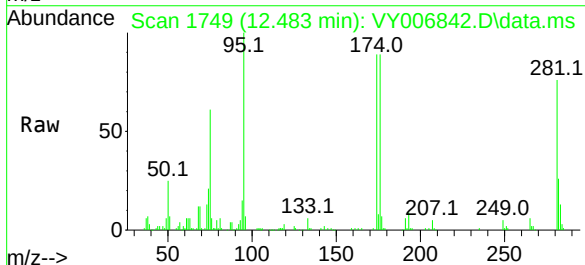
Instrument :
 MSVOA_Y
 ClientSampleId :

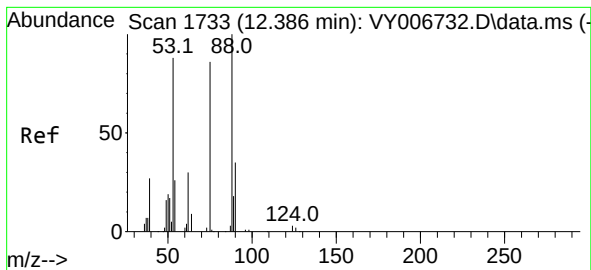
Tgt Ion:152 Resp: 25618
 Ion Ratio Lower Upper
 152 100
 115 57.5 28.5 85.5
 150 157.8 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 59.916 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY006842.D
 Acq: 19 Nov 2021 20:16

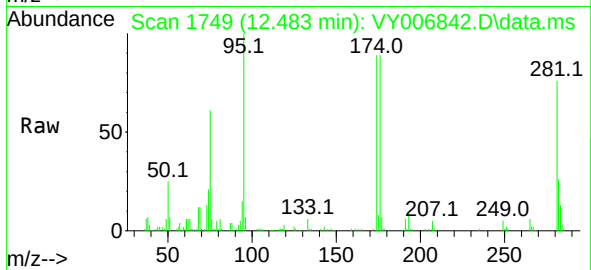
Tgt Ion: 75 Resp: 16688
 Ion Ratio Lower Upper
 75 100
 77 0.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.721 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY006842.D
 Acq: 19 Nov 2021 20:16

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 16688
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.8 128.6#
 89 0.7 39.3 58.9#

