

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111621\
 Data File : VY006769.D
 Acq On : 16 Nov 2021 18:11
 Operator : SY/MD
 Sample : M4577-01RE
 Misc : 5.90G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1RE

Quant Time: Nov 17 04:09:00 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)

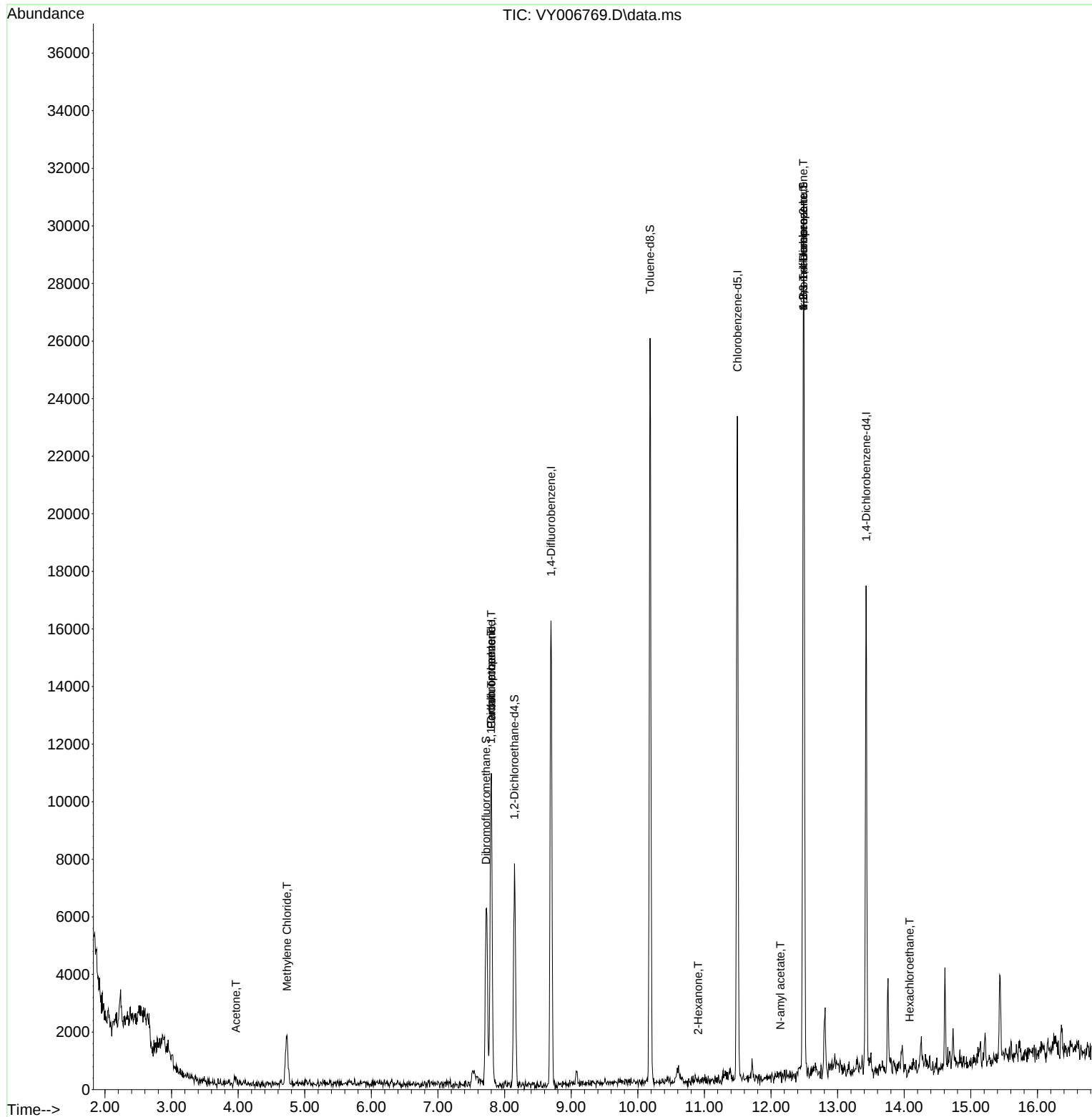
Internal Standards						
1) Pentafluorobenzene	7.801	168	8651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	13278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	11497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	6581	58.043	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.080%			
35) Dibromofluoromethane	7.722	113	4266	52.306	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.620%			
50) Toluene-d8	10.185	98	16001	47.410	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 94.820%			
62) 4-Bromofluorobenzene	12.483	95	4435	38.979	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 77.960%			
Target Compounds						
					Qvalue	
16) Acetone	3.966	43	549	15.937	ug/l #	46
20) Methylene Chloride	4.735	84	1101	7.821	ug/l	89
36) 1,1-Dichloropropene	7.795	75	620	4.296	ug/l #	42
38) Carbon Tetrachloride	7.801	117	844	5.717	ug/l #	12
59) 2-Hexanone	10.904	43	48	24.437	ug/l #	28
74) N-amyl acetate	12.142	43	59	3.667	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	2905	68.232	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2905	135.199	ug/l #	7
90) Hexachloroethane	14.081	117	56	1.161	ug/l #	6

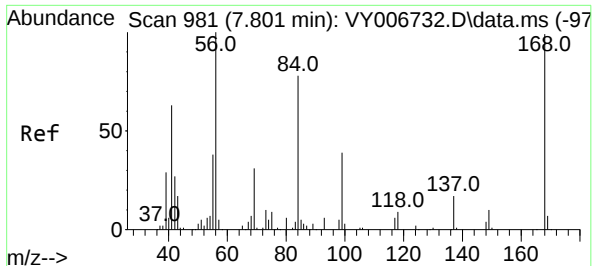
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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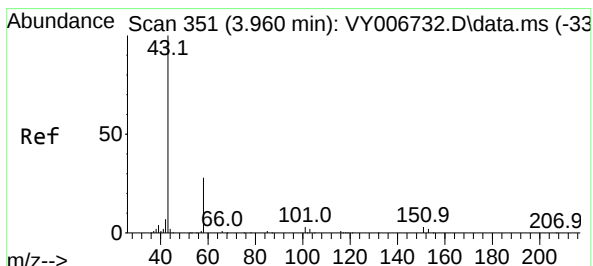
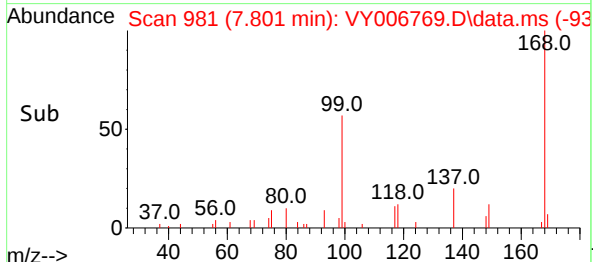
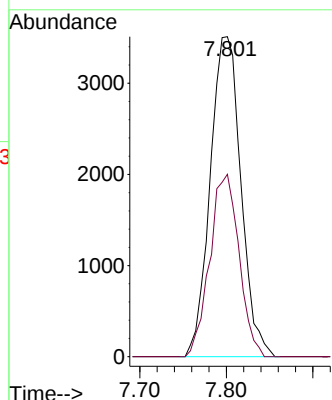
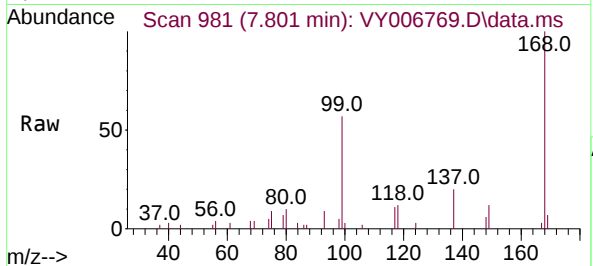




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006769.D
Acq: 16 Nov 2021 18:11

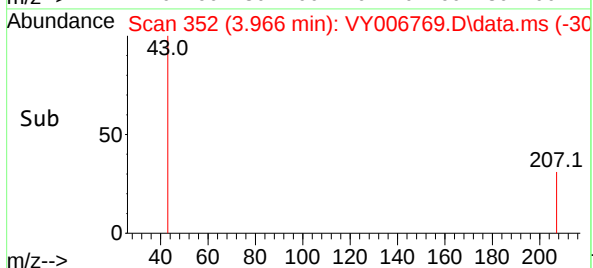
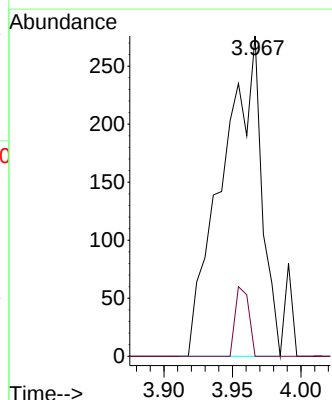
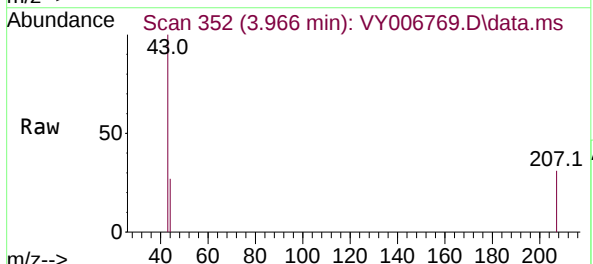
Instrument :
MSVOA_Y
ClientSampleId :
SB-1RE

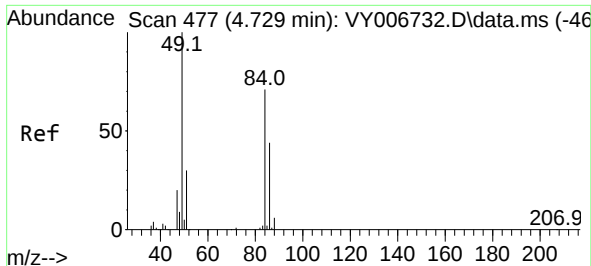
Tgt Ion:168 Resp: 8651
Ion Ratio Lower Upper
168 100
99 57.0 44.8 67.2



#16
Acetone
Concen: 15.937 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY006769.D
Acq: 16 Nov 2021 18:11

Tgt Ion: 43 Resp: 549
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#

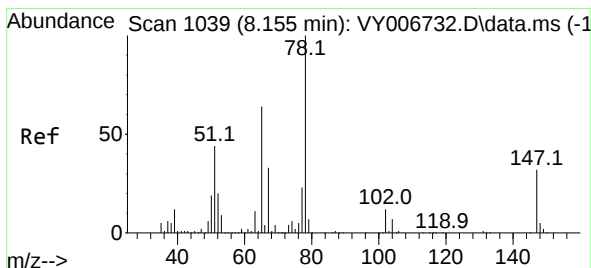
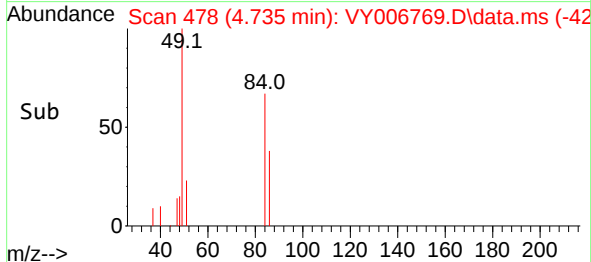
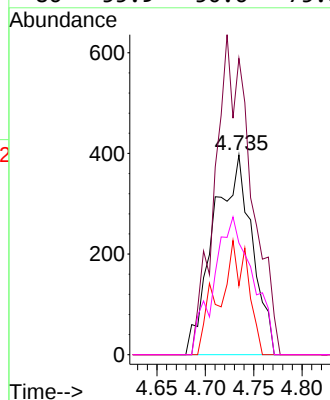
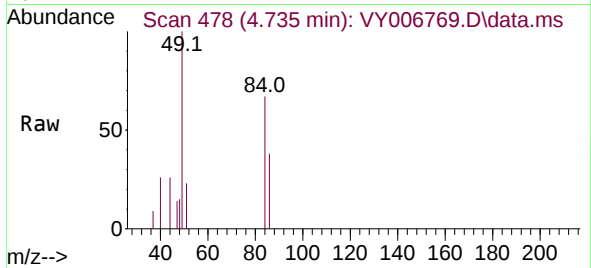




#20
Methylene Chloride
Concen: 7.821 ug/l
RT: 4.735 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY006769.D
Acq: 16 Nov 2021 18:11

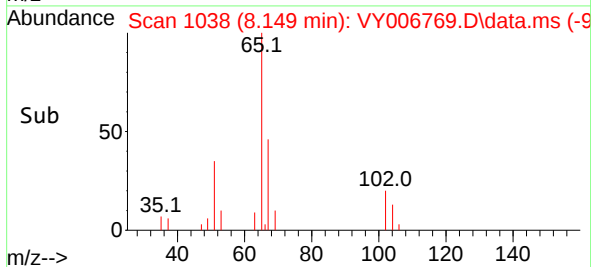
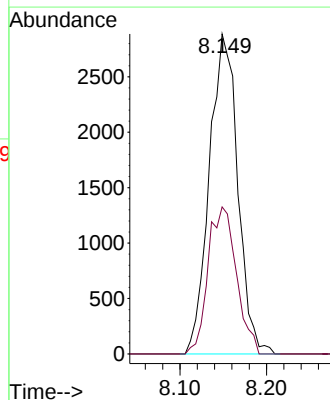
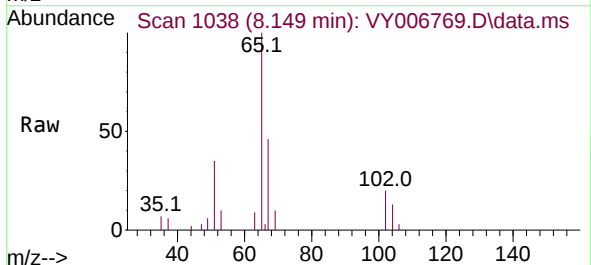
Instrument :
MSVOA_Y
ClientSampleId :
SB-1RE

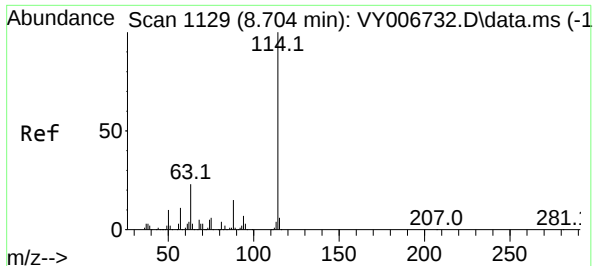
Tgt Ion:	84	Resp:	1101
Ion	Ratio	Lower	Upper
84	100		
49	148.4	107.8	161.8
51	34.5	32.8	49.2
86	55.9	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 58.043 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY006769.D
Acq: 16 Nov 2021 18:11

Tgt Ion:	65	Resp:	6581
Ion	Ratio	Lower	Upper
65	100		
67	45.8	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: VY006769.D

Acq: 16 Nov 2021 18:11

Instrument :

MSVOA_Y

ClientSampleId :

SB-1RE

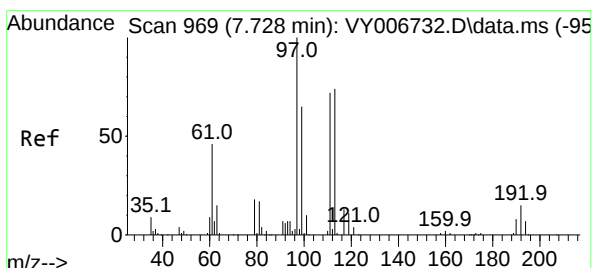
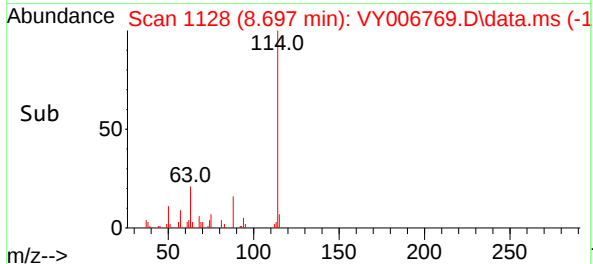
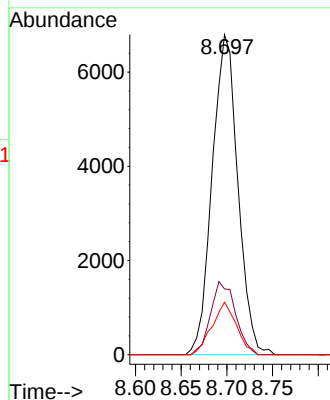
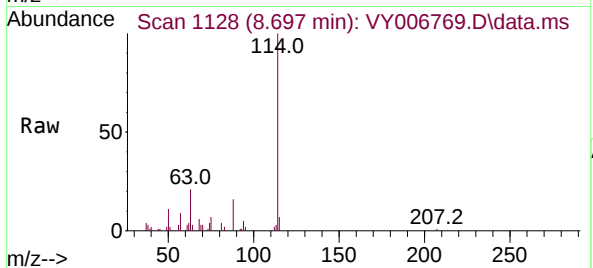
Tgt Ion:114 Resp: 13278

Ion Ratio Lower Upper

114 100

63 20.6 0.0 45.0

88 16.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.306 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY006769.D

Acq: 16 Nov 2021 18:11

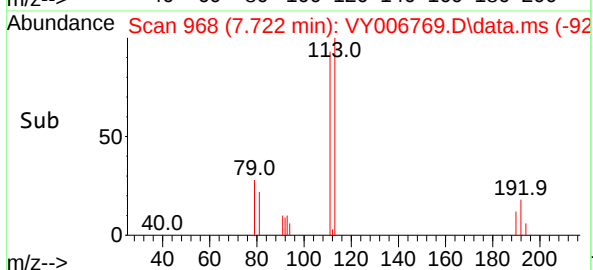
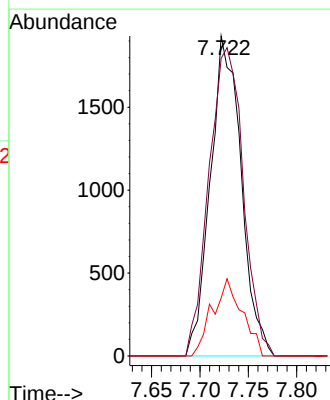
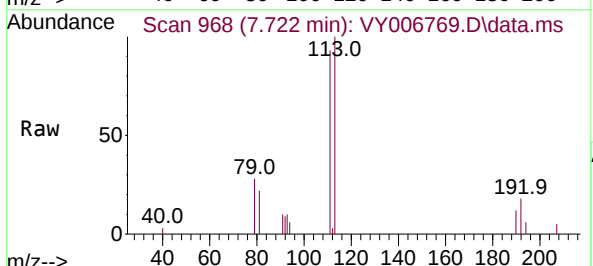
Tgt Ion:113 Resp: 4266

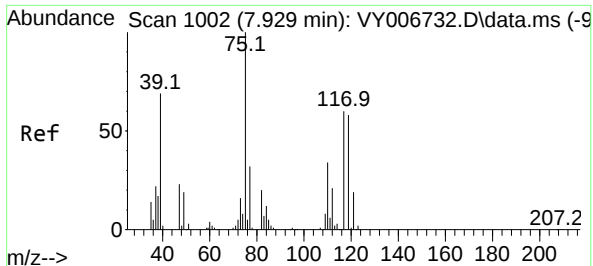
Ion Ratio Lower Upper

113 100

111 107.6 82.3 123.5

192 23.4 17.4 26.2





#36

1,1-Dichloropropene

Concen: 4.296 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.134 min

Lab File: VY006769.D

Acq: 16 Nov 2021 18:11

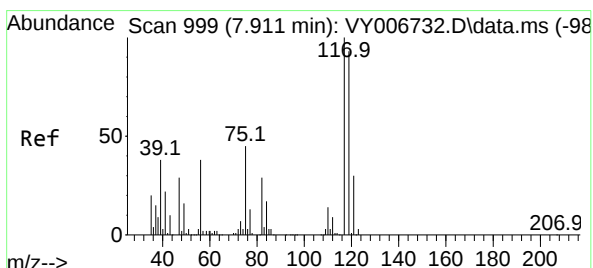
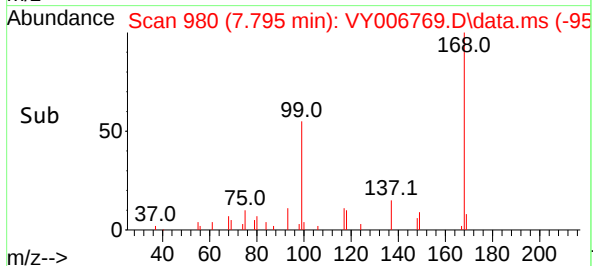
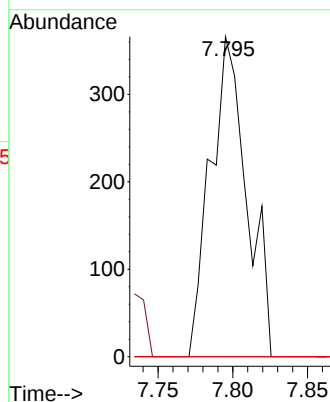
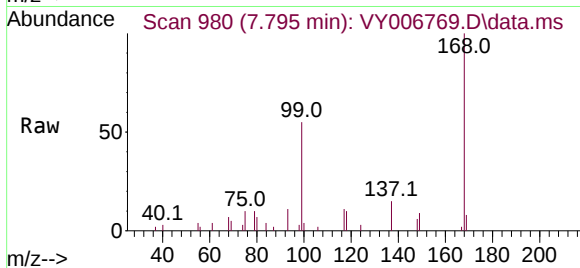
Instrument :

MSVOA_Y

ClientSampleId :

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Tgt Ion:	75	Resp:	620
Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.1	51.3#
77	0.0	24.9	37.3#



#38

Carbon Tetrachloride

Concen: 5.717 ug/l

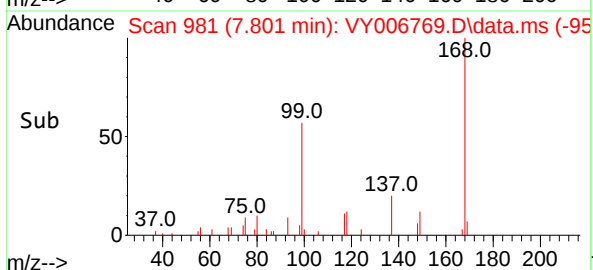
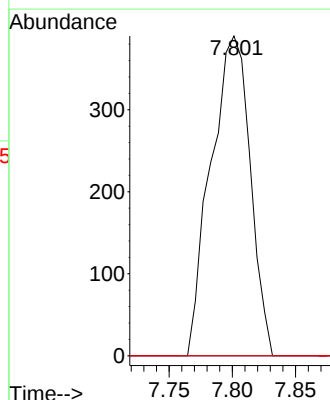
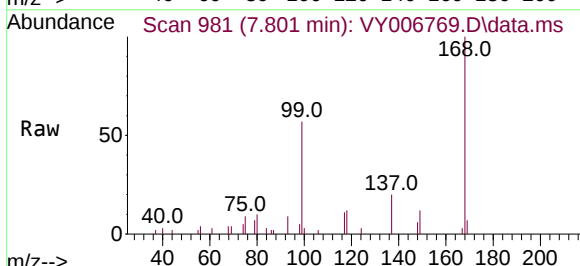
RT: 7.801 min Scan# 981

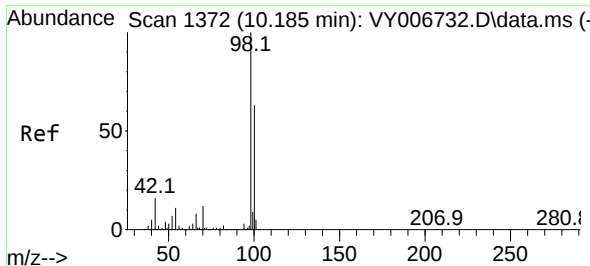
Delta R.T. -0.110 min

Lab File: VY006769.D

Acq: 16 Nov 2021 18:11

Tgt Ion:	117	Resp:	844
Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.6	115.0#
121	0.0	24.7	37.1#

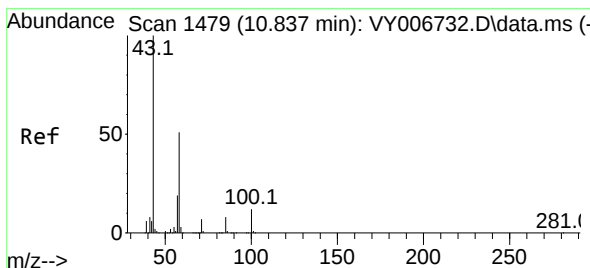
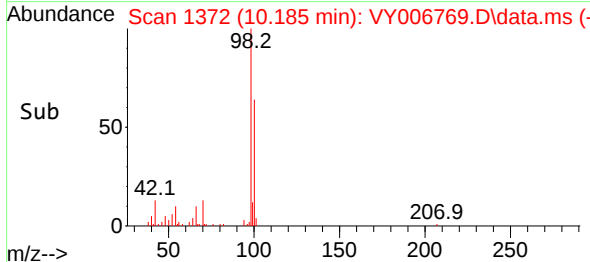
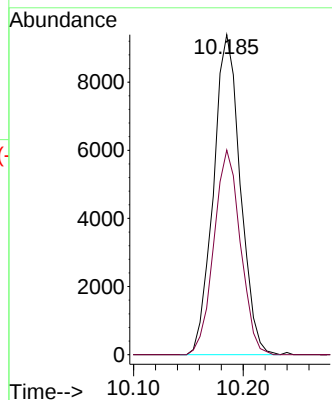
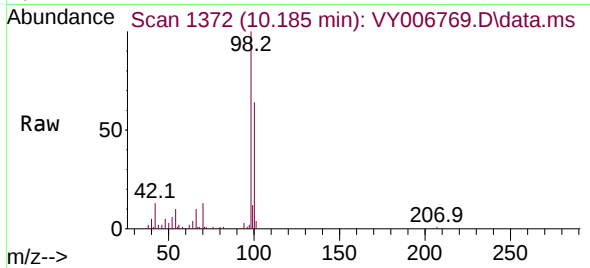




#50
Toluene-d8
Concen: 47.410 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006769.D
Acq: 16 Nov 2021 18:11

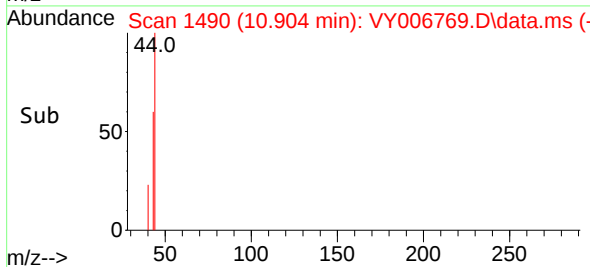
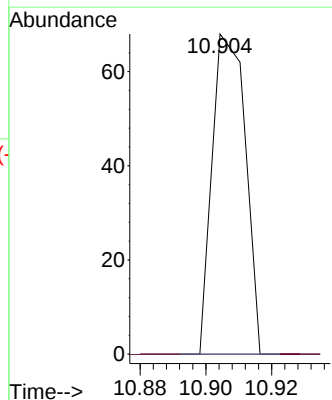
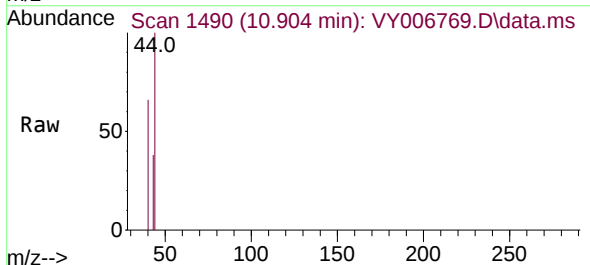
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ClientSampleId :
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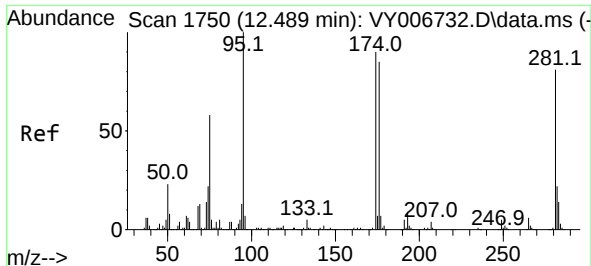
Tgt Ion: 98 Resp: 16001
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



#59
2-Hexanone
Concen: 24.437 ug/l
RT: 10.904 min Scan# 1490
Delta R.T. 0.067 min
Lab File: VY006769.D
Acq: 16 Nov 2021 18:11

Tgt Ion: 43 Resp: 48
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#

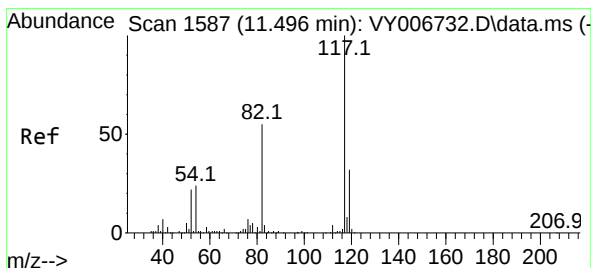
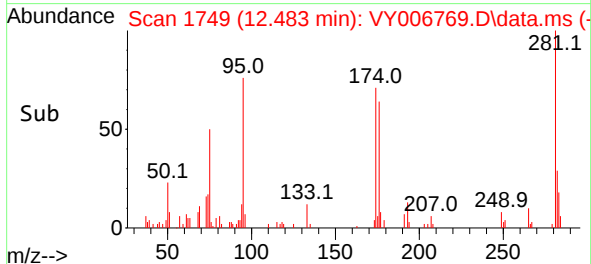
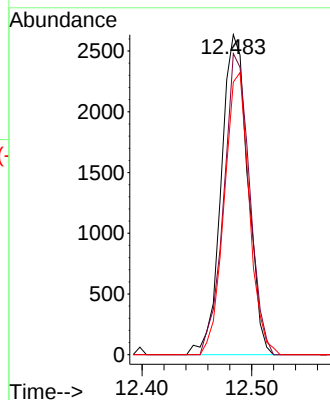
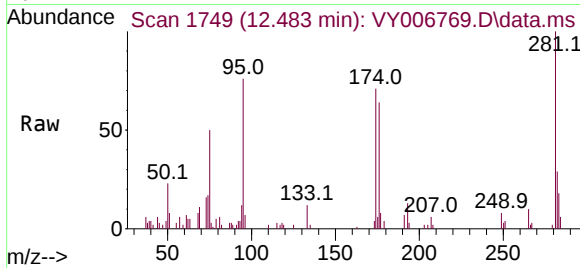




#62
4-Bromofluorobenzene
Concen: 38.979 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006769.D
Acq: 16 Nov 2021 18:11

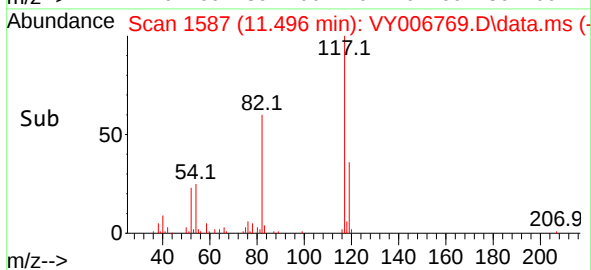
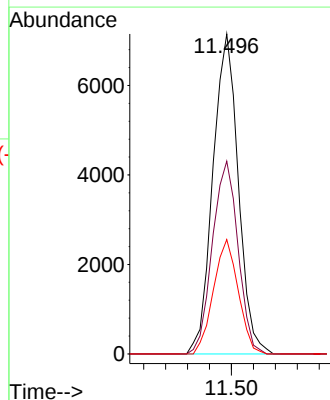
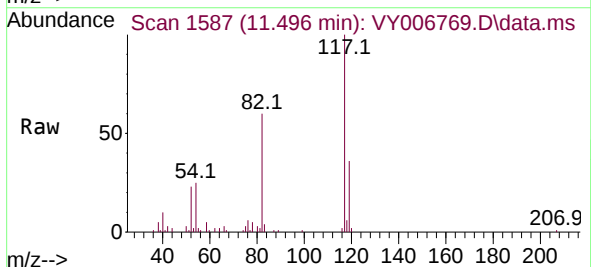
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MSVOA_Y
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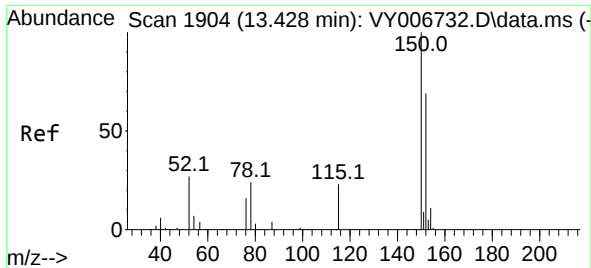
Tgt Ion: 95 Resp: 4435
Ion Ratio Lower Upper
95 100
174 91.4 0.0 177.0
176 83.2 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006769.D
Acq: 16 Nov 2021 18:11

Tgt Ion: 117 Resp: 11497
Ion Ratio Lower Upper
117 100
82 60.3 45.7 68.5
119 35.8 25.5 38.3

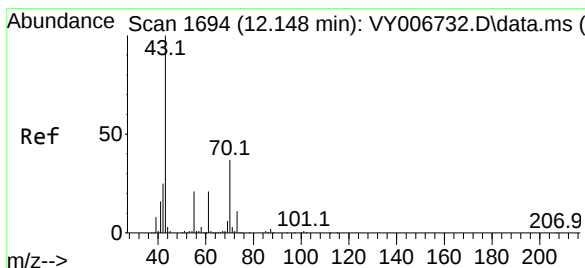
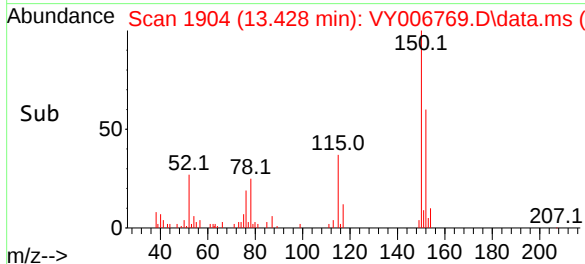
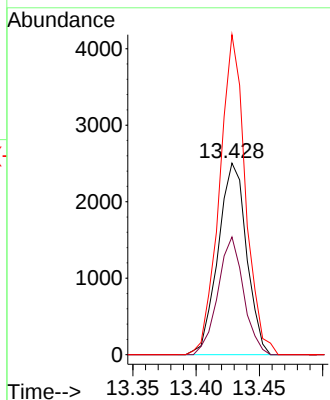
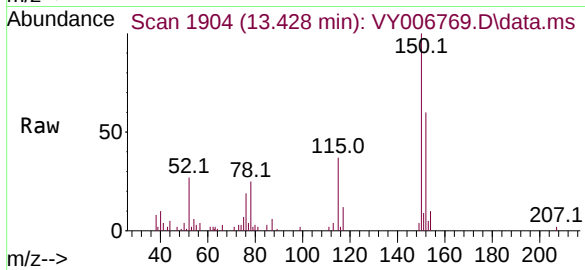




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006769.D
Acq: 16 Nov 2021 18:11

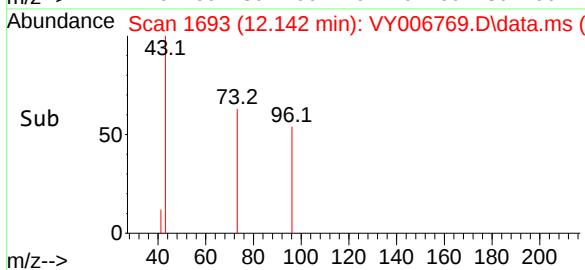
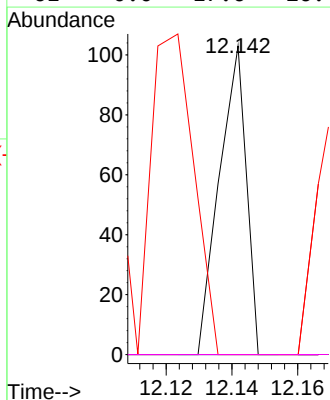
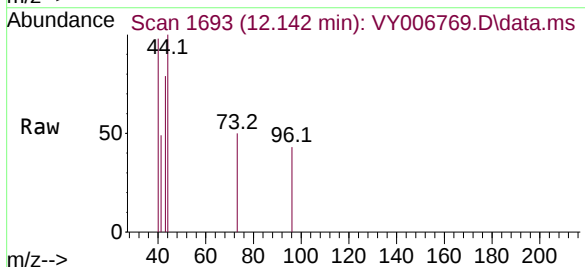
Instrument :
MSVOA_Y
ClientSampleId :
SB-1RE

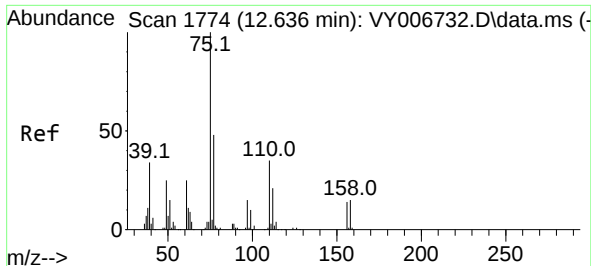
Tgt Ion:152 Resp: 3916
Ion Ratio Lower Upper
152 100
115 55.4 28.5 85.5
150 152.3 0.0 348.2



#74
N-ethyl acetate
Concen: 3.667 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VY006769.D
Acq: 16 Nov 2021 18:11

Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
70 0.0 29.4 44.0#
55 162.7 18.1 27.1#
61 0.0 17.6 26.4#

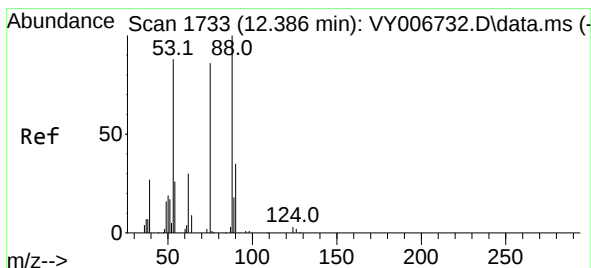
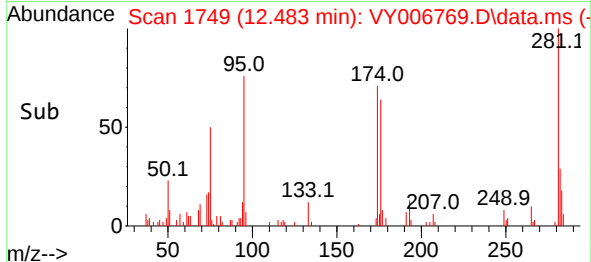
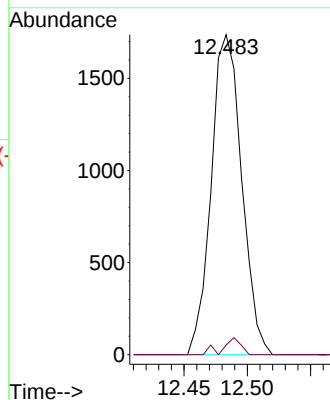
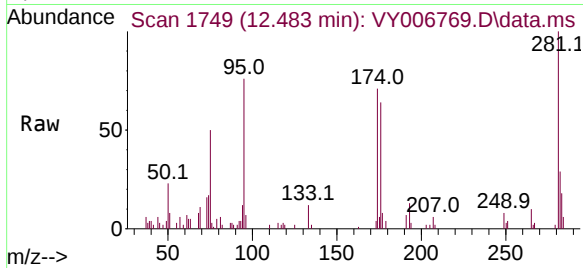




#76
1,2,3-Trichloropropane
Concen: 68.232 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006769.D
Acq: 16 Nov 2021 18:11

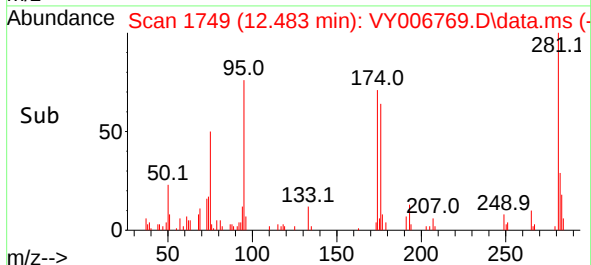
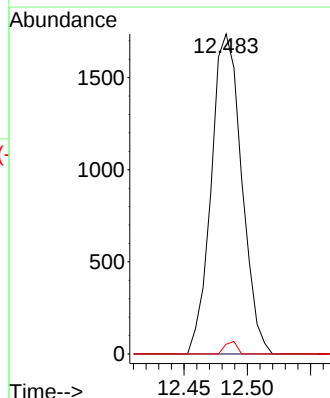
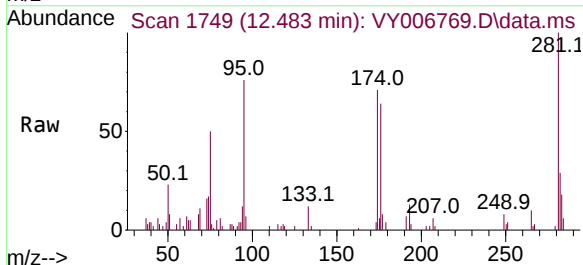
Instrument :
MSVOA_Y
ClientSampleId :
SB-1RE

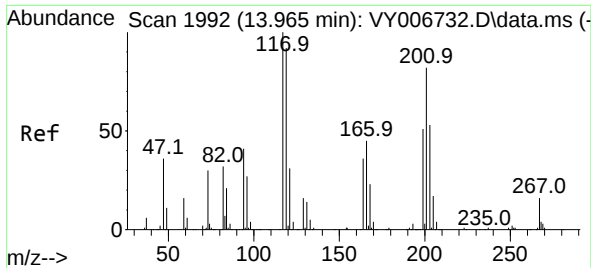
Tgt Ion: 75 Resp: 2905
Ion Ratio Lower Upper
75 100
77 3.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 135.199 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY006769.D
Acq: 16 Nov 2021 18:11

Tgt Ion: 75 Resp: 2905
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 1.5 39.3 58.9#





#90
Hexachloroethane
Concen: 1.161 ug/l
RT: 14.081 min Scan# 20
Delta R.T. 0.116 min
Lab File: VY006769.D
Acq: 16 Nov 2021 18:11

Instrument :
MSVOA_Y
ClientSampleId :
SB-1RE

Tgt Ion:117 Resp: 56
Ion Ratio Lower Upper
117 100
201 0.0 43.4 130.1#

