

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
 Data File : VY011270.D
 Acq On : 02 Nov 2022 18:05
 Operator : KP/MD
 Sample : N5336-02
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-16.5-17.0RE

Quant Time: Nov 03 05:19:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

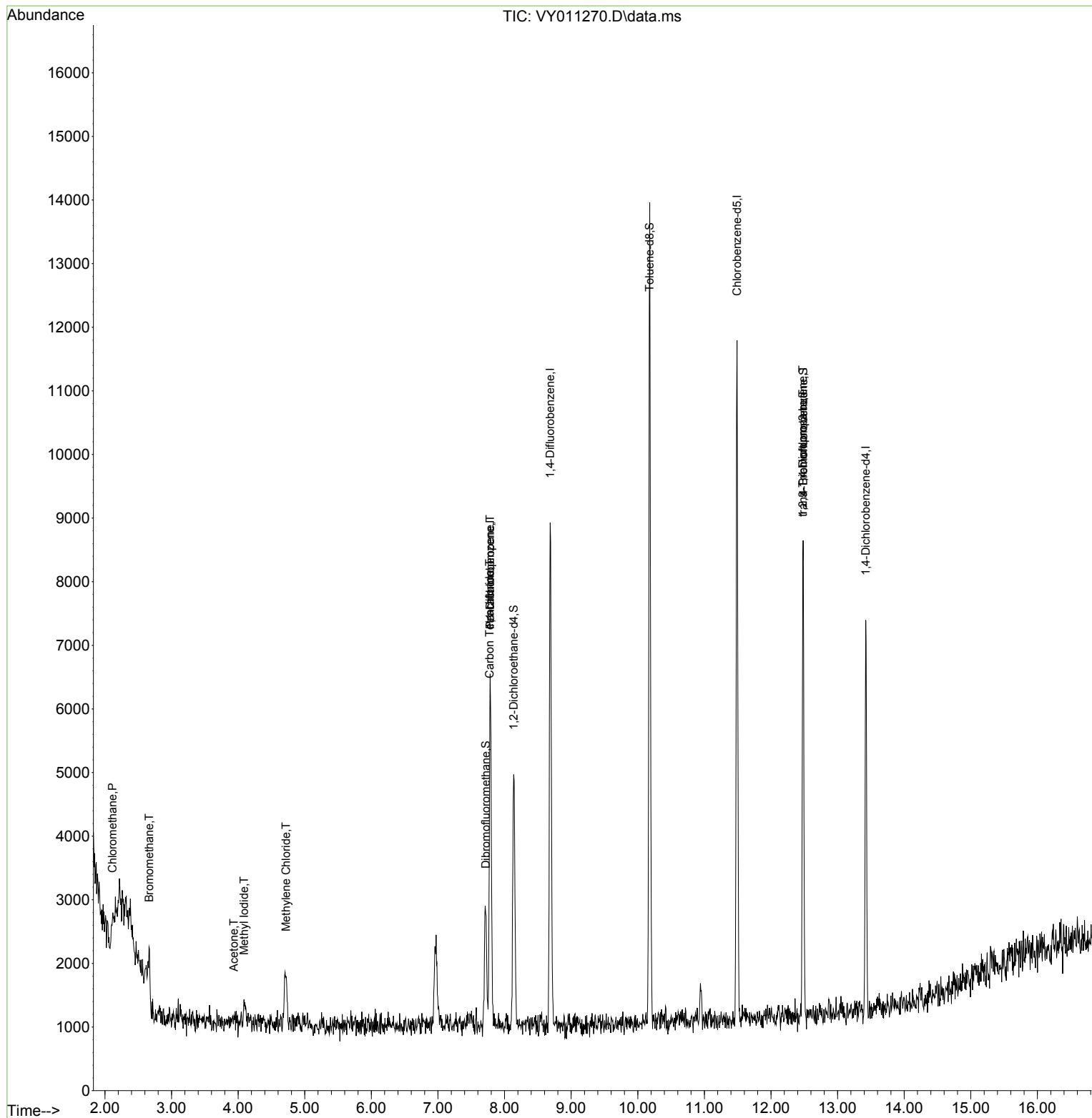
Internal Standards						
1) Pentafluorobenzene	7.783	168	4620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	7990	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	6817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	3460	70.025	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.040%	
35) Dibromofluoromethane	7.716	113	1515	29.512	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 59.020%	
50) Toluene-d8	10.179	98	8898	44.643	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 89.280%	
62) 4-Bromofluorobenzene	12.483	95	2662	38.471	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 76.940%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	199	3.885	ug/l #	44
5) Bromomethane	2.662	94	324	8.487	ug/l #	72
10) Methyl Iodide	4.088	142	580	8.865	ug/l #	52
16) Acetone	3.936	43	195	13.074	ug/l #	47
20) Methylene Chloride	4.716	84	639	6.056	ug/l #	79
36) 1,1-Dichloropropene	7.783	75	285	3.400	ug/l #	42
38) Carbon Tetrachloride	7.777	117	455	5.231	ug/l #	11
76) 1,2,3-Trichloropropane	12.477	75	1234	55.909	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	1234	119.652	ug/l #	7

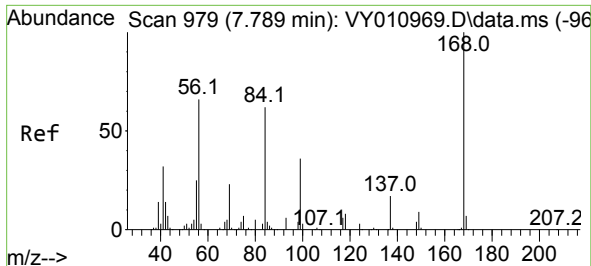
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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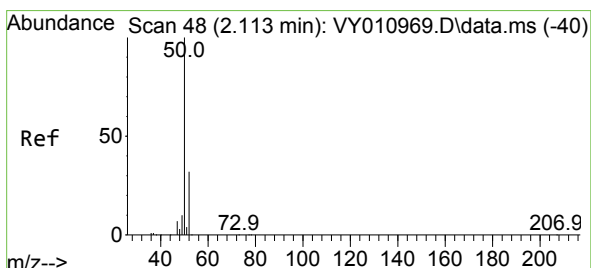
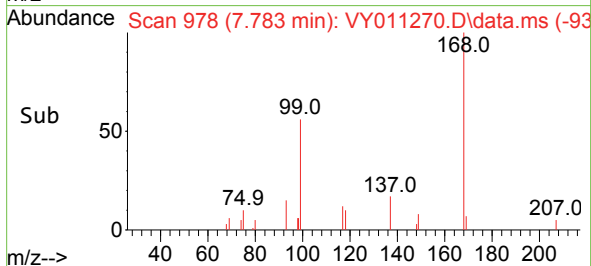
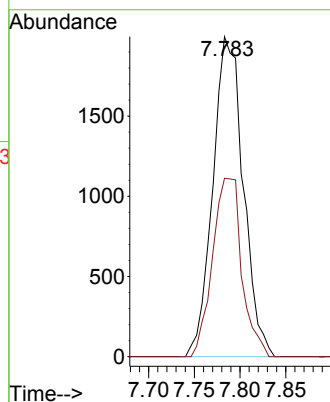
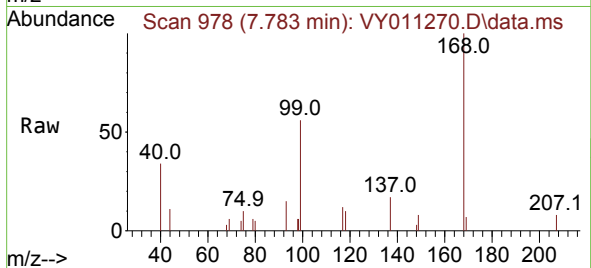




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011270.D
Acq: 02 Nov 2022 18:05

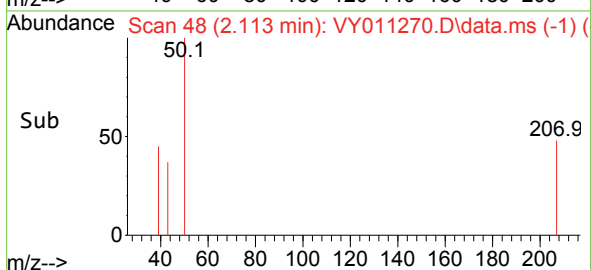
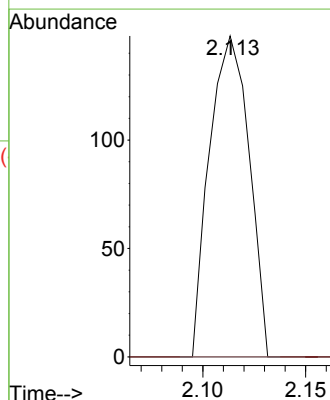
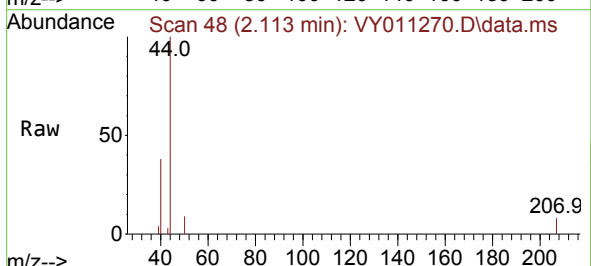
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-16.5-17.0RE

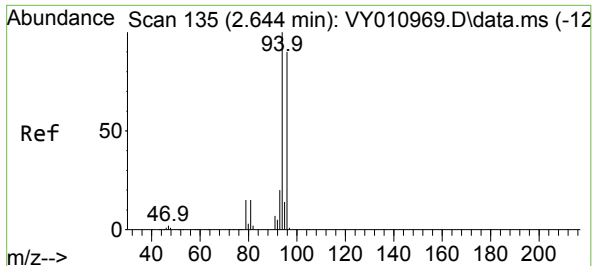
Tgt Ion:168 Resp: 4620
Ion Ratio Lower Upper
168 100
99 55.8 46.9 70.3



#3
Chloromethane
Concen: 3.885 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY011270.D
Acq: 02 Nov 2022 18:05

Tgt Ion: 50 Resp: 199
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#





#5

Bromomethane

Concen: 8.487 ug/l

RT: 2.662 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY011270.D

Acq: 02 Nov 2022 18:05

Instrument :

MSVOA_Y

ClientSampleId :

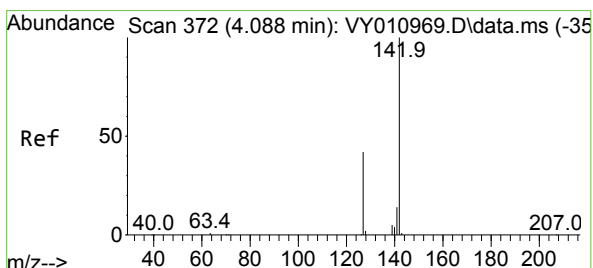
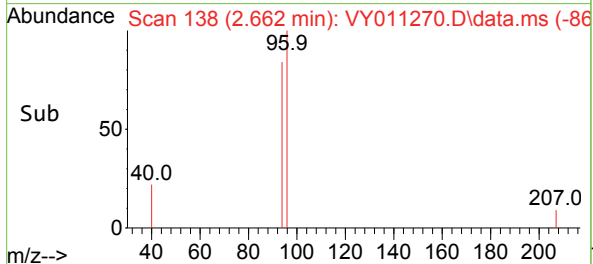
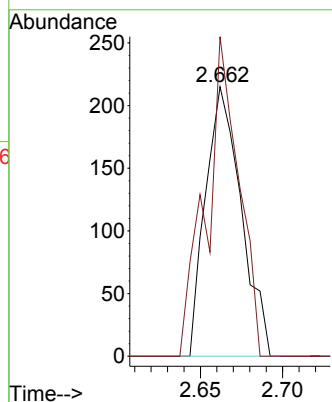
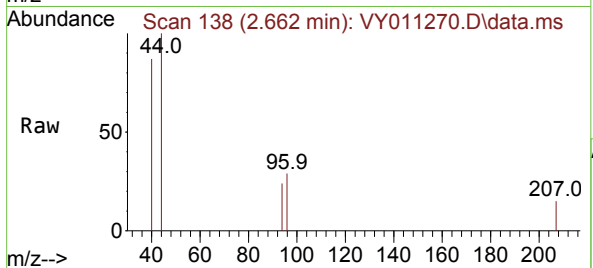
SB-01-16.5-17.0RE

Tgt Ion: 94 Resp: 324

Ion Ratio Lower Upper

94 100

96 118.6 73.5 110.3#



#10

Methyl Iodide

Concen: 8.865 ug/l

RT: 4.088 min Scan# 372

Delta R.T. 0.000 min

Lab File: VY011270.D

Acq: 02 Nov 2022 18:05

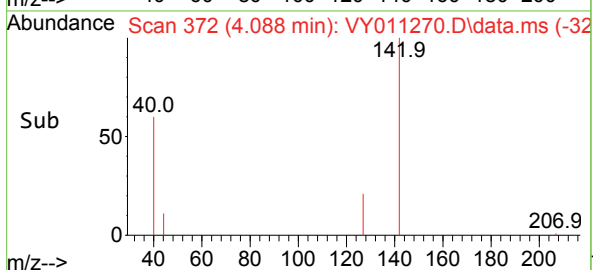
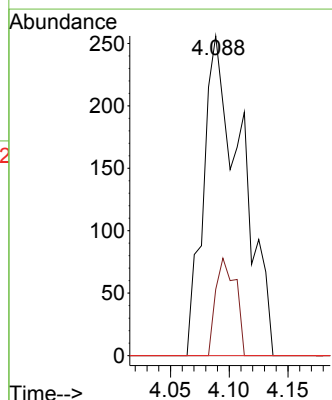
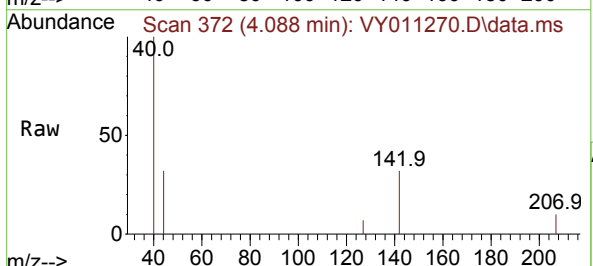
Tgt Ion:142 Resp: 580

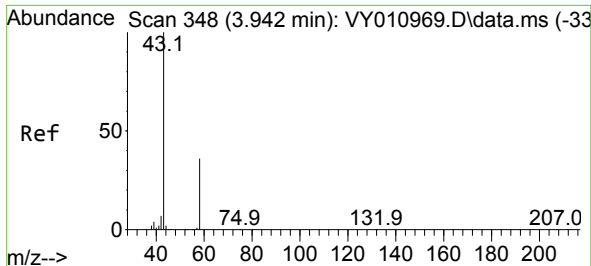
Ion Ratio Lower Upper

142 100

127 15.9 41.5 62.3#

141 0.0 11.9 17.9#

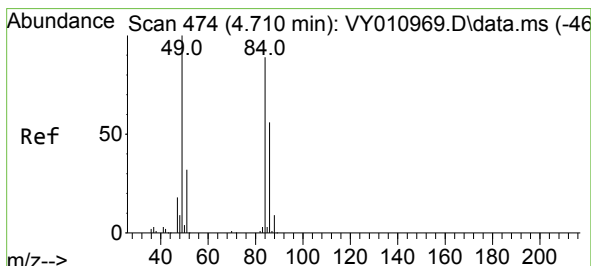
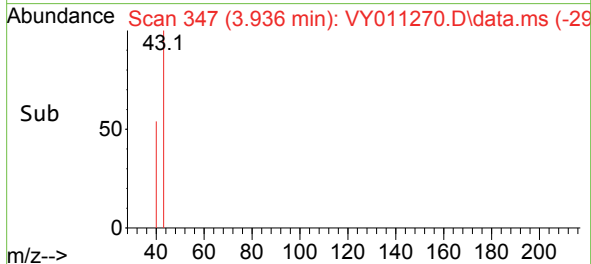
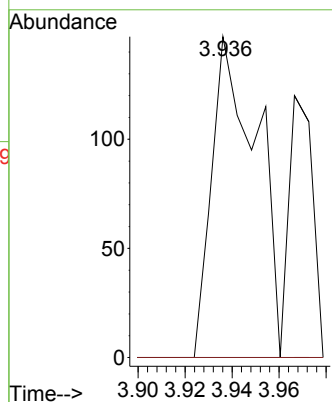
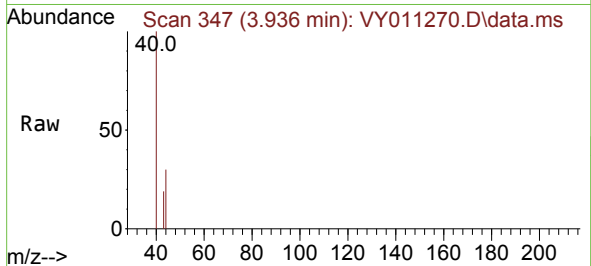




#16
Acetone
Concen: 13.074 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY011270.D
Acq: 02 Nov 2022 18:05

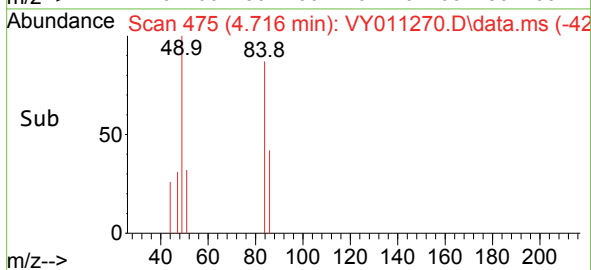
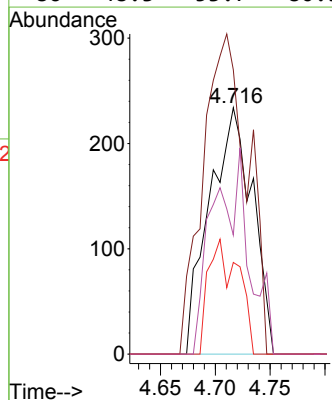
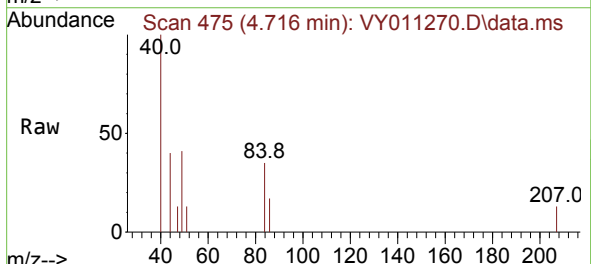
Instrument :
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SB-01-16.5-17.0RE

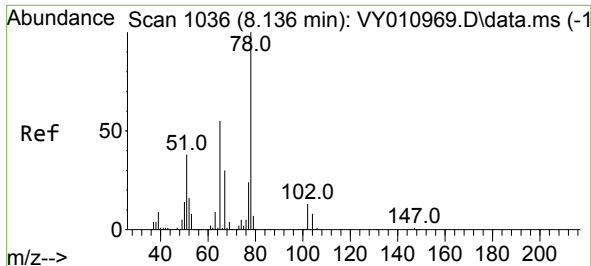
Tgt Ion: 43 Resp: 195
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: 6.056 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY011270.D
Acq: 02 Nov 2022 18:05

Tgt Ion: 84 Resp: 639
Ion Ratio Lower Upper
84 100
49 115.4 114.4 171.6
51 37.2 35.3 52.9
86 48.3 53.7 80.5#

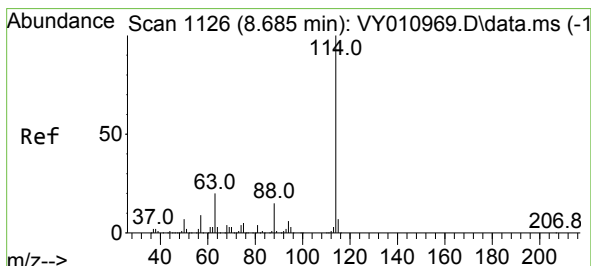
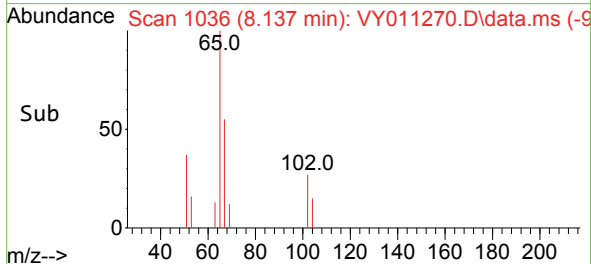
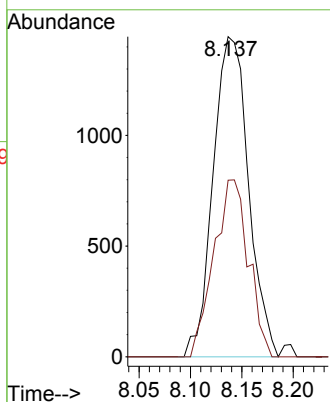
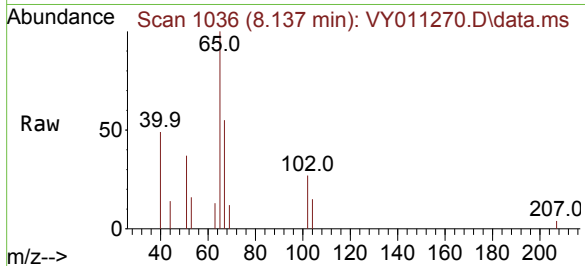




#33
 1,2-Dichloroethane-d4
 Concen: 70.025 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.001 min
 Lab File: VY011270.D
 Acq: 02 Nov 2022 18:05

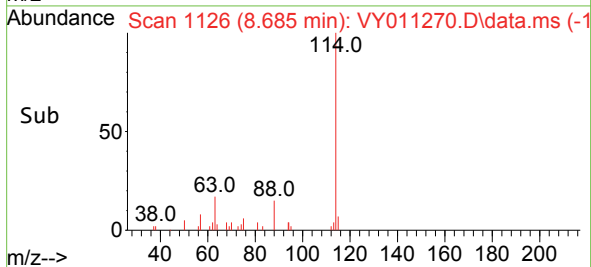
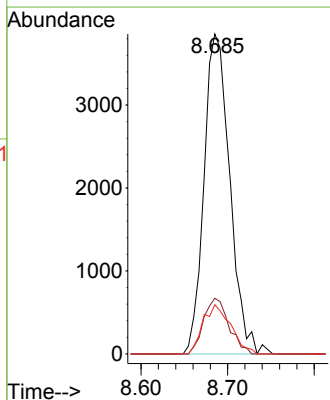
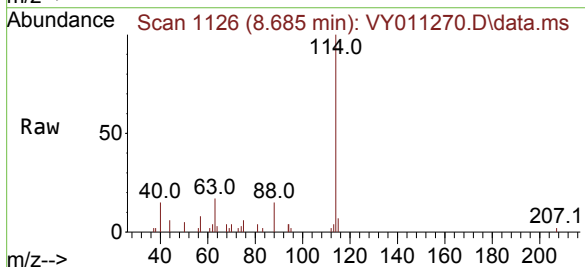
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-16.5-17.0RE

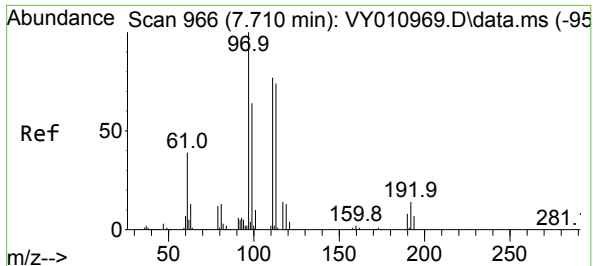
Tgt Ion: 65 Resp: 3460
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY011270.D
 Acq: 02 Nov 2022 18:05

Tgt Ion: 114 Resp: 7990
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 43.2
 88 15.4 0.0 31.8

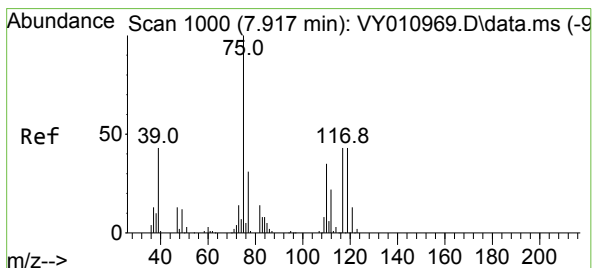
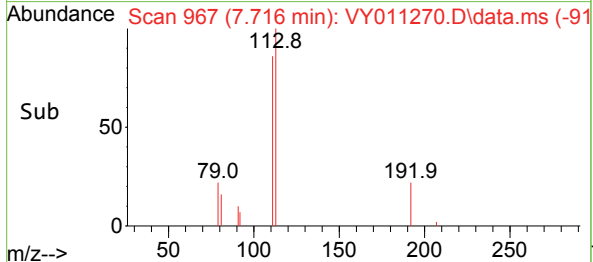
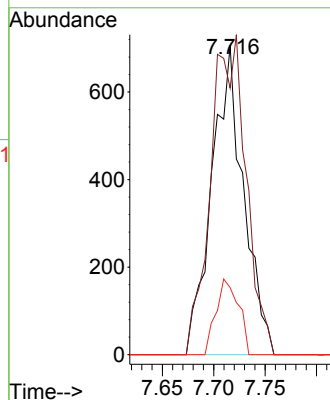
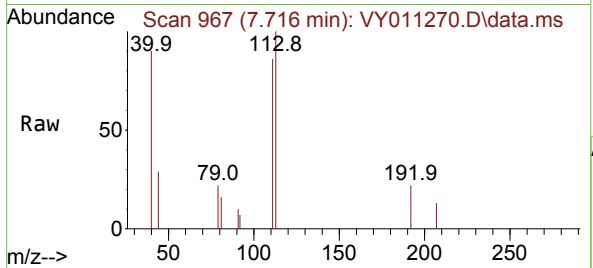




#35
Dibromofluoromethane
Concen: 29.512 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY011270.D
Acq: 02 Nov 2022 18:05

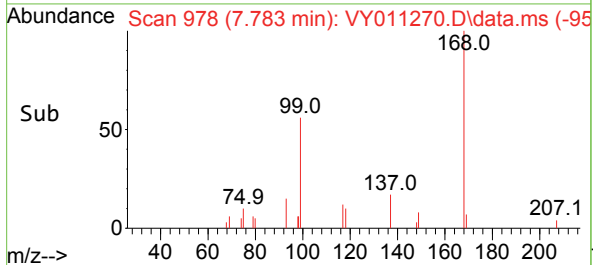
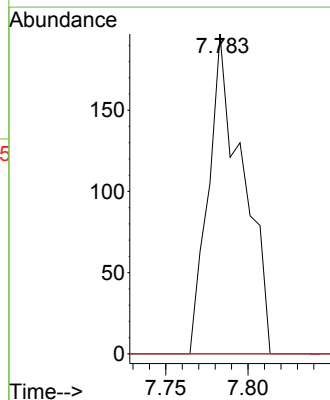
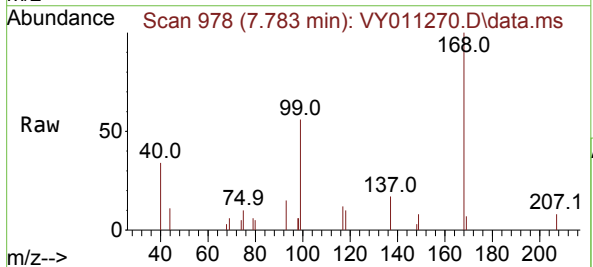
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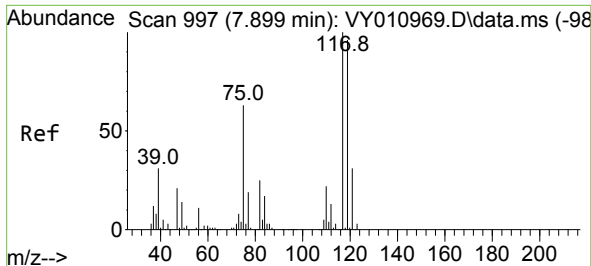
Tgt Ion:113 Resp: 1515
Ion Ratio Lower Upper
113 100
111 115.0 82.6 124.0
192 17.4 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 3.400 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011270.D
Acq: 02 Nov 2022 18:05

Tgt Ion: 75 Resp: 285
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#

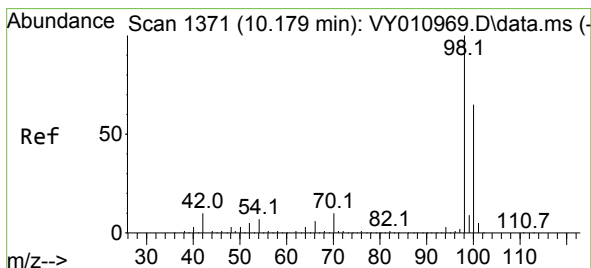
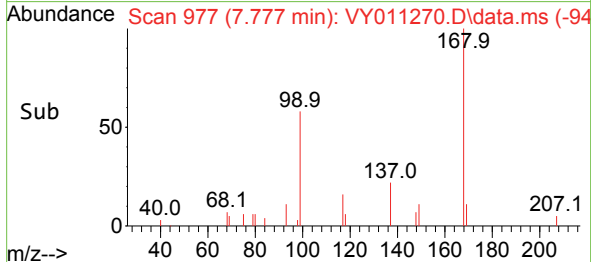
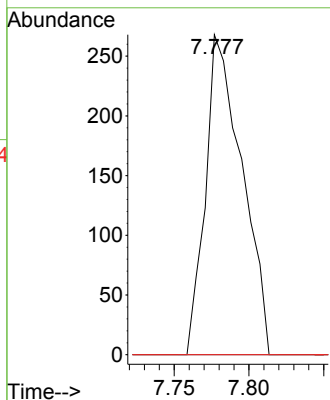
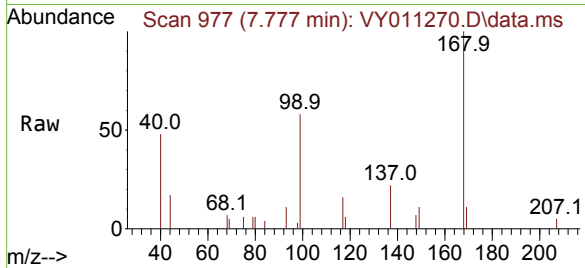




#38
Carbon Tetrachloride
Concen: 5.231 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY011270.D
Acq: 02 Nov 2022 18:05

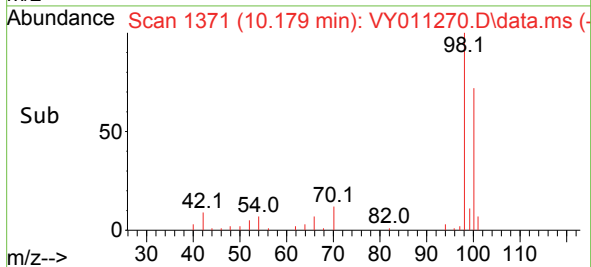
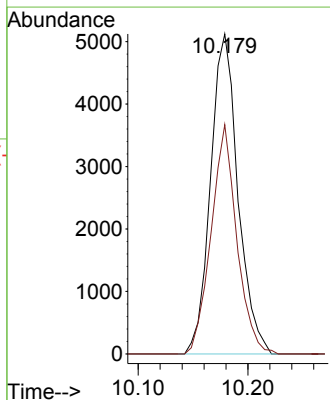
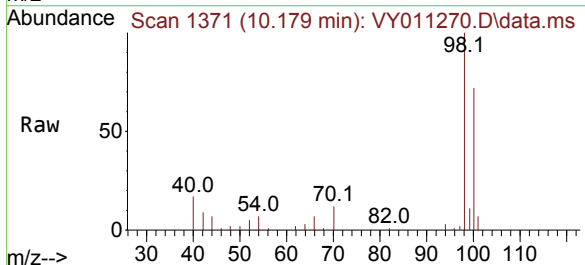
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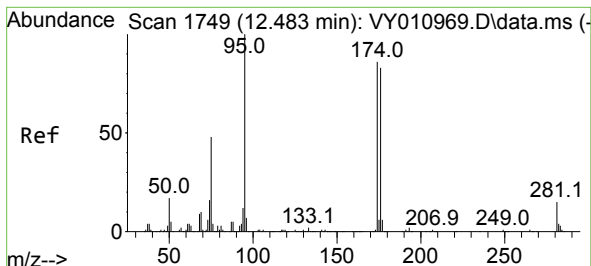
Tgt Ion:117 Resp: 455
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 44.643 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011270.D
Acq: 02 Nov 2022 18:05

Tgt Ion: 98 Resp: 8898
Ion Ratio Lower Upper
98 100
100 67.2 50.2 75.2

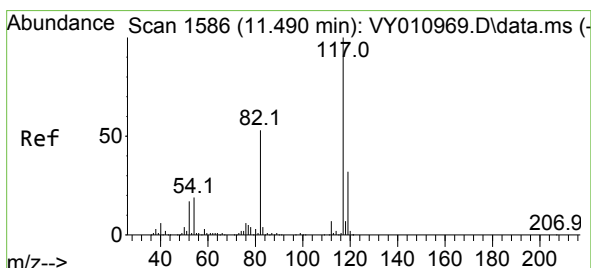
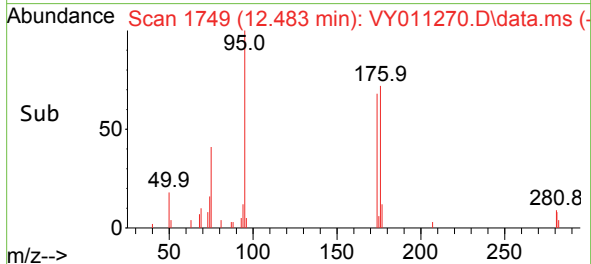
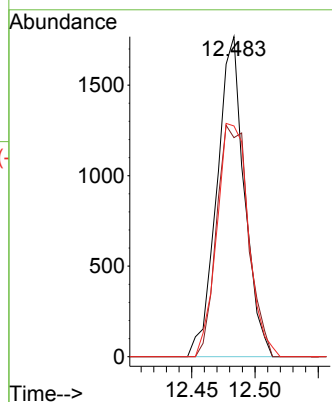
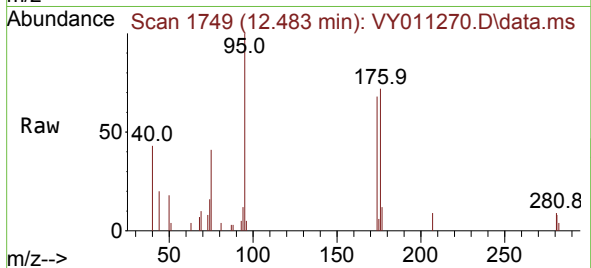




#62
4-Bromofluorobenzene
Concen: 38.471 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011270.D
Acq: 02 Nov 2022 18:05

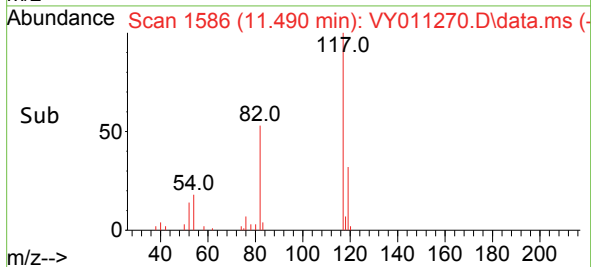
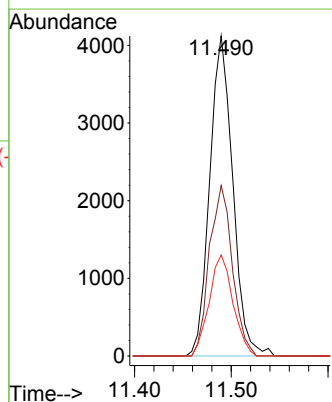
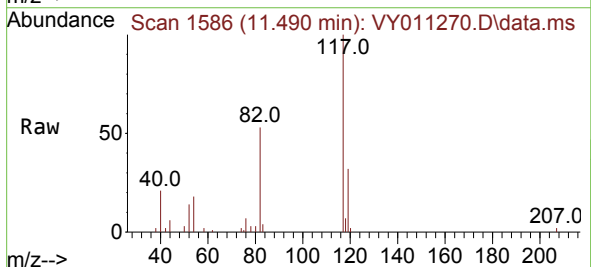
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-16.5-17.0RE

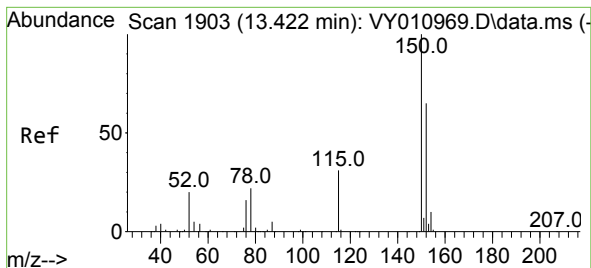
Tgt Ion: 95 Resp: 2662
Ion Ratio Lower Upper
95 100
174 83.2 0.0 177.0
176 83.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011270.D
Acq: 02 Nov 2022 18:05

Tgt Ion: 117 Resp: 6817
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 31.5 25.4 38.0

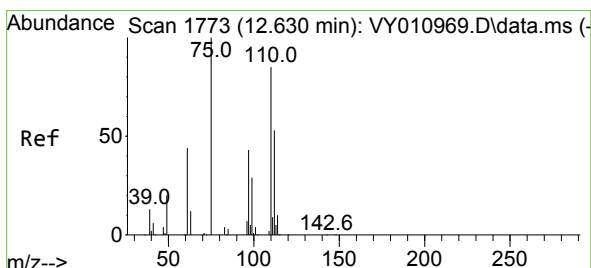
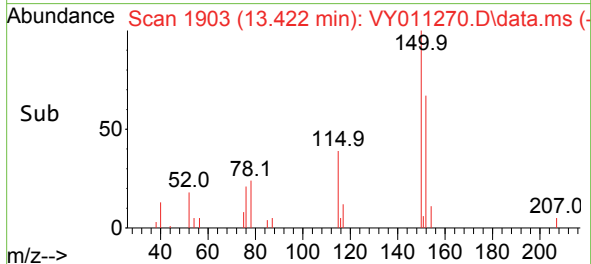
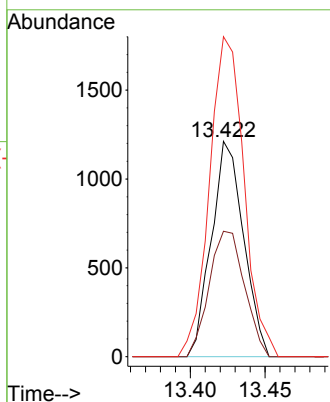
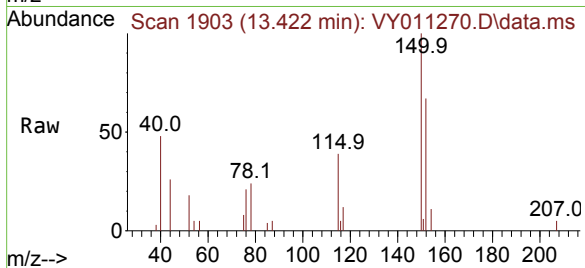




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY011270.D
 Acq: 02 Nov 2022 18:05

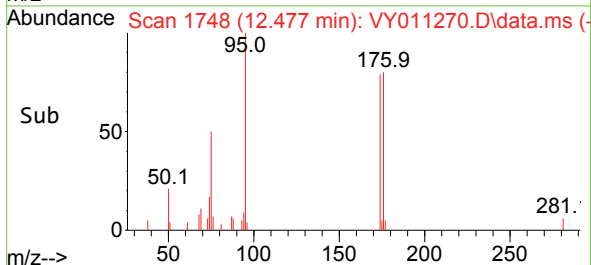
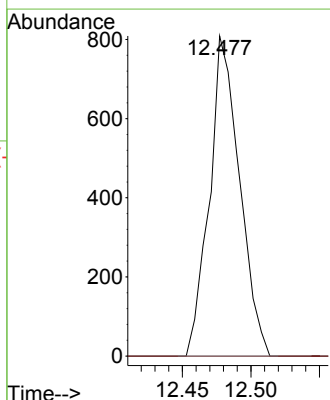
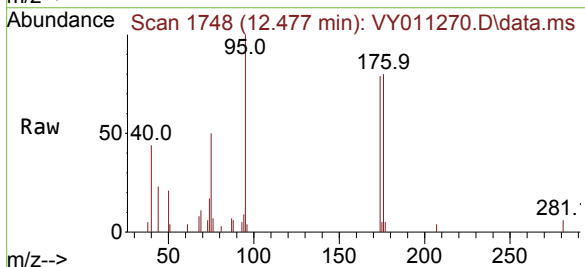
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-16.5-17.0RE

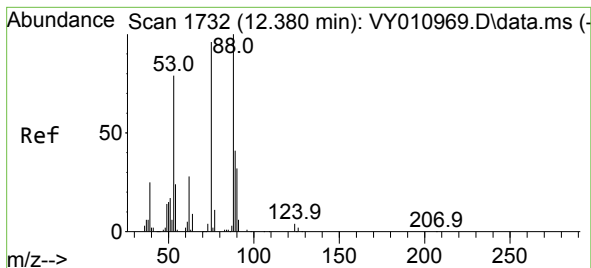
Tgt Ion:152 Resp: 1813
 Ion Ratio Lower Upper
 152 100
 115 63.9 28.2 84.7
 150 159.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 55.909 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY011270.D
 Acq: 02 Nov 2022 18:05

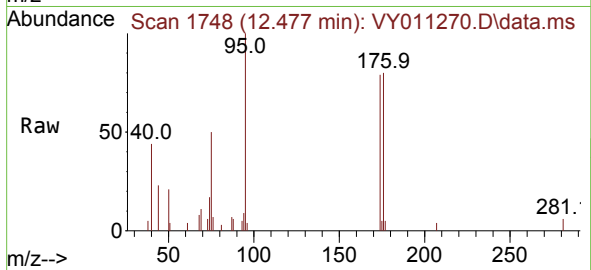
Tgt Ion: 75 Resp: 1234
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 119.652 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY011270.D
 Acq: 02 Nov 2022 18:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-16.5-17.0RE



Tgt Ion: 75 Resp: 1234
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

