

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
 Data File : VY011271.D
 Acq On : 02 Nov 2022 18:28
 Operator : KP/MD
 Sample : N5336-03
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Nov 03 05:19:39 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)

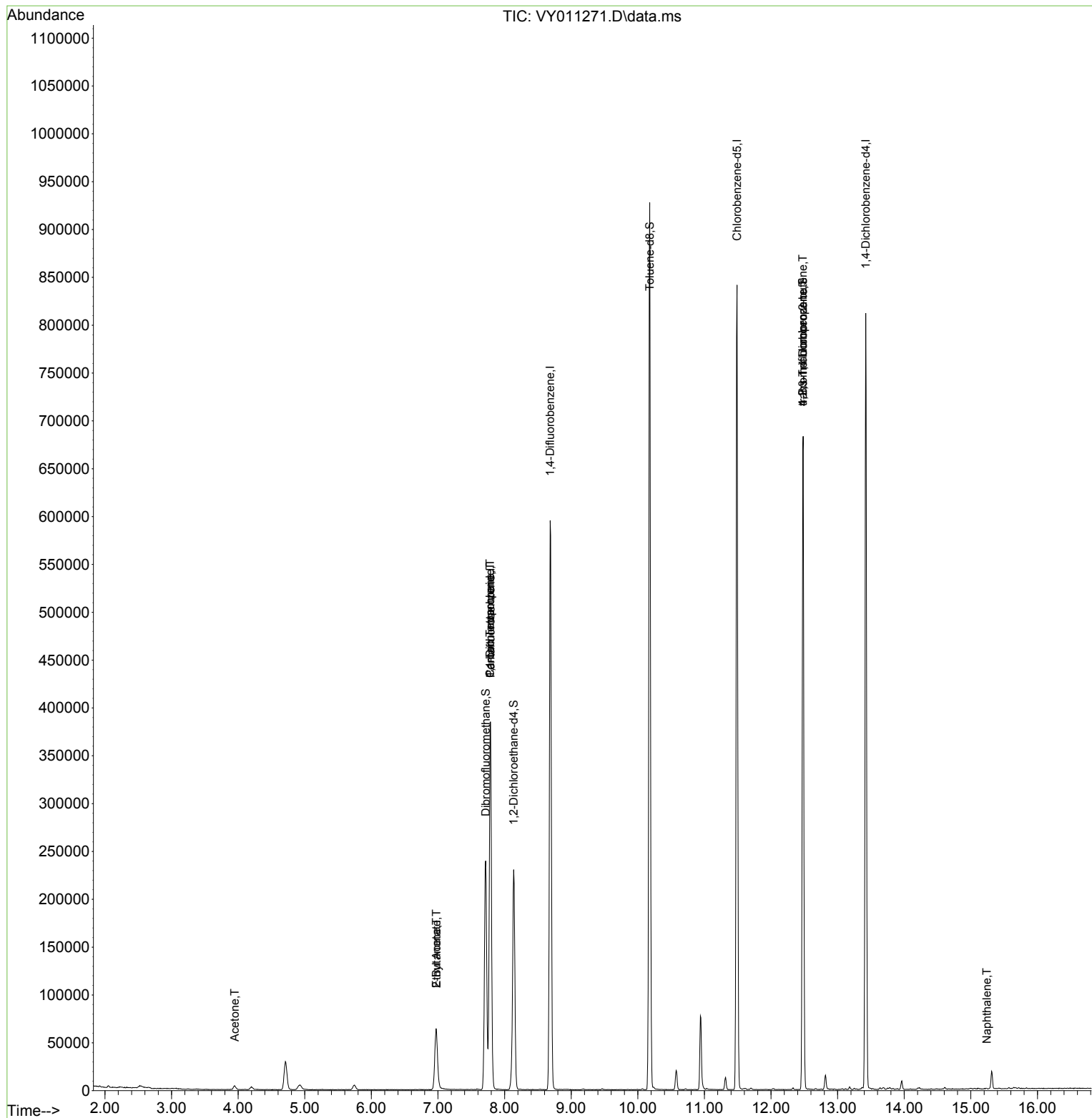
Internal Standards						
1) Pentafluorobenzene	7.789	168	307502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	534464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	479347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	215697	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	169601	51.570	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 103.140%		
35) Dibromofluoromethane	7.715	113	175602	51.138	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 102.280%		
50) Toluene-d8	10.178	98	623927	46.798	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 93.600%		
62) 4-Bromofluorobenzene	12.477	95	214593	46.363	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 92.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.899	85	227	Below Cal	#	43
11) Tert butyl alcohol	4.923	59	6046	Below Cal	#	80
16) Acetone	3.948	43	7153	7.205	ug/l	91
25) 2-Butanone	6.978	43	3873	2.773	ug/l #	89
36) 1,1-Dichloropropene	7.783	75	22909	4.085	ug/l #	51
37) Ethyl Acetate	6.978	43	3873	1.281	ug/l #	1
38) Carbon Tetrachloride	7.783	117	30136	5.180	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	103906	39.569	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	103906	84.683	ug/l #	7
95) Naphthalene	15.238	128	673	4.033	ug/l #	69

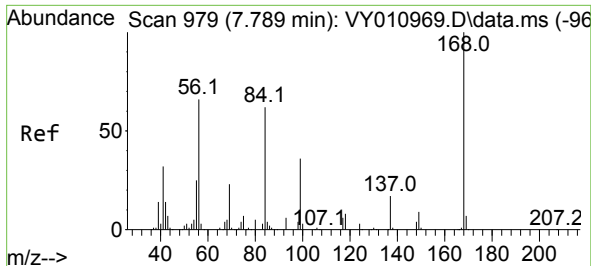
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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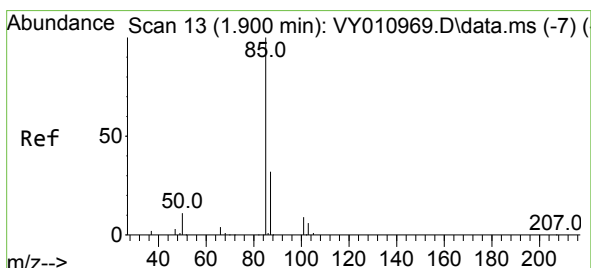
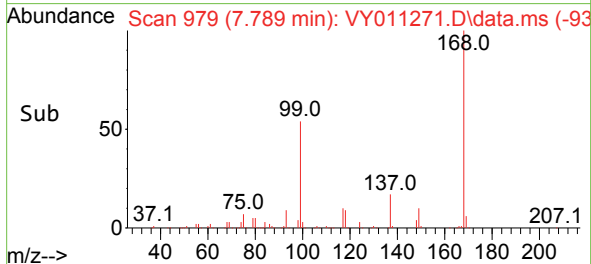
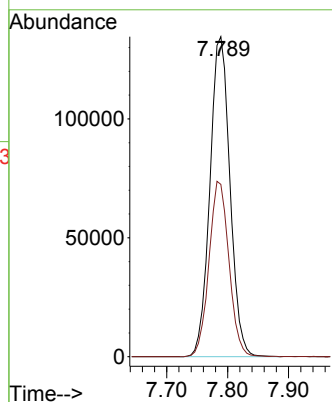
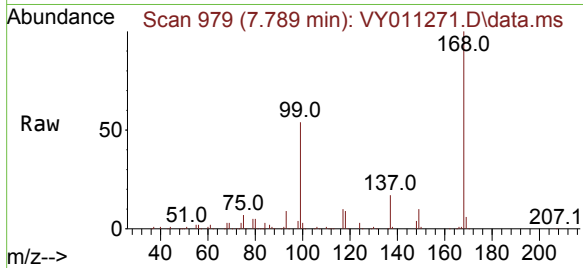




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011271.D
Acq: 02 Nov 2022 18:28

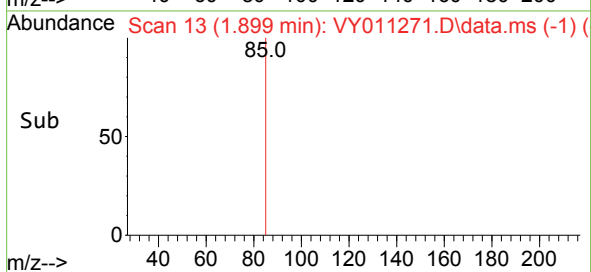
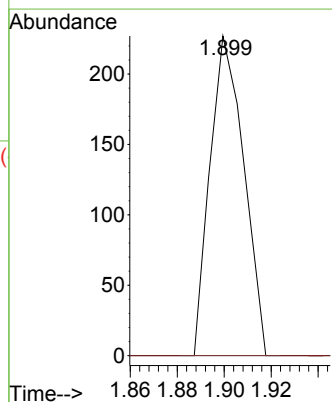
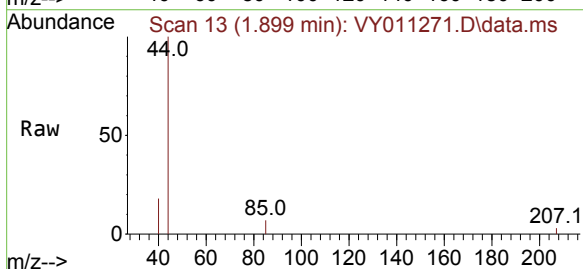
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-16.5-17.0-DUP

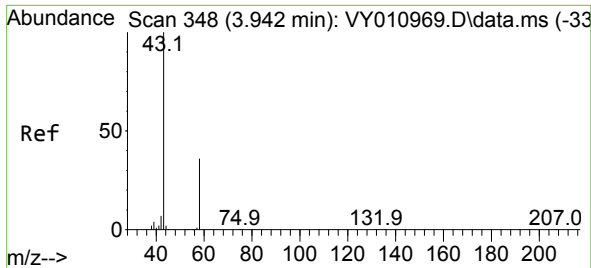
Tgt Ion:168 Resp: 307502
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.899 min Scan# 13
Delta R.T. -0.001 min
Lab File: VY011271.D
Acq: 02 Nov 2022 18:28

Tgt Ion: 85 Resp: 227
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#16

Acetone

Concen: 7.205 ug/l

RT: 3.948 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY011271.D

Acq: 02 Nov 2022 18:28

Instrument :

MSVOA_Y

ClientSampleId :

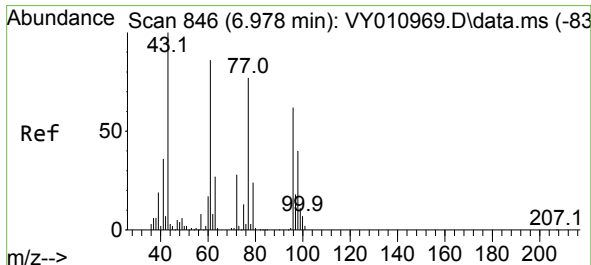
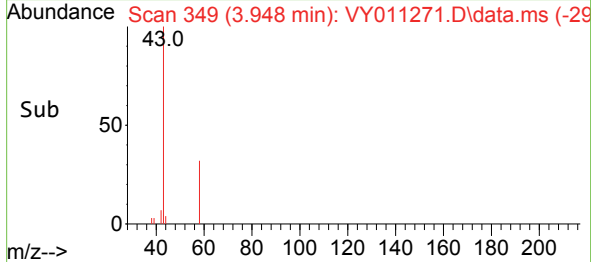
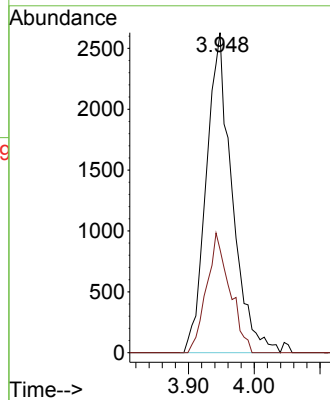
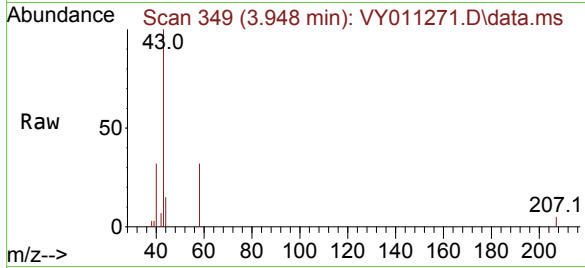
SB-01-16.5-17.0-DUP

Tgt Ion: 43 Resp: 7153

Ion Ratio Lower Upper

43 100

58 32.3 22.0 33.0



#25

2-Butanone

Concen: 2.773 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY011271.D

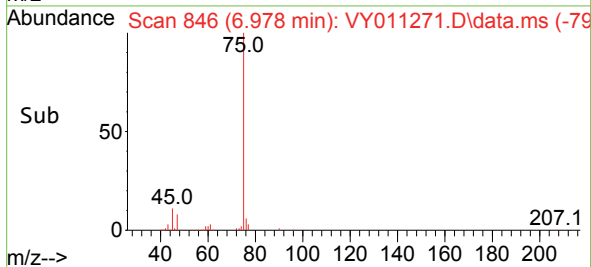
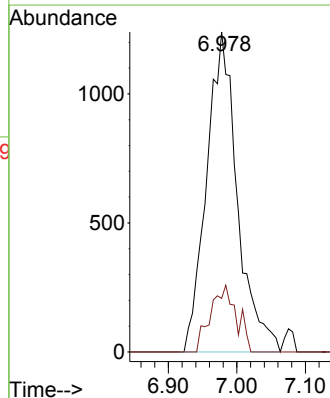
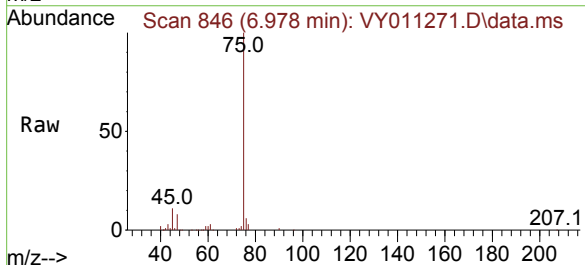
Acq: 02 Nov 2022 18:28

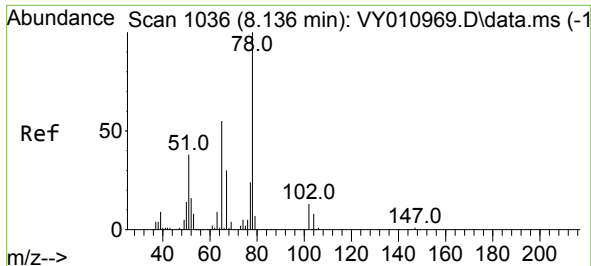
Tgt Ion: 43 Resp: 3873

Ion Ratio Lower Upper

43 100

72 16.8 17.7 26.5#



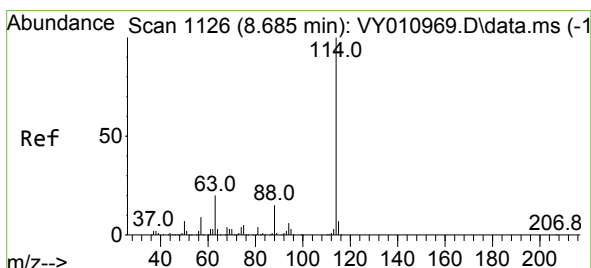
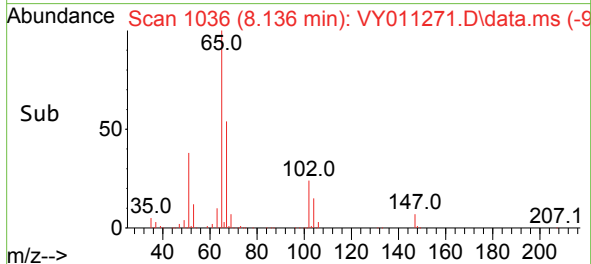
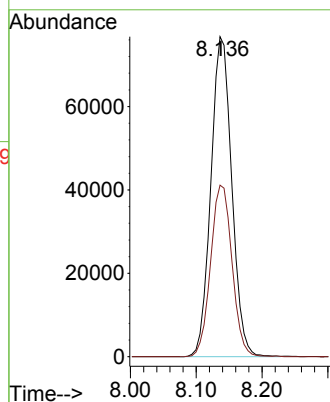
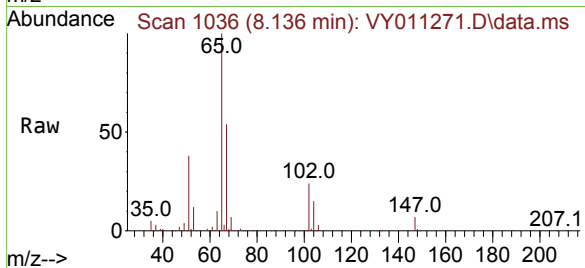


#33
 1,2-Dichloroethane-d4
 Concen: 51.570 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY011271.D
 Acq: 02 Nov 2022 18:28

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

Tgt Ion: 65 Resp: 169601

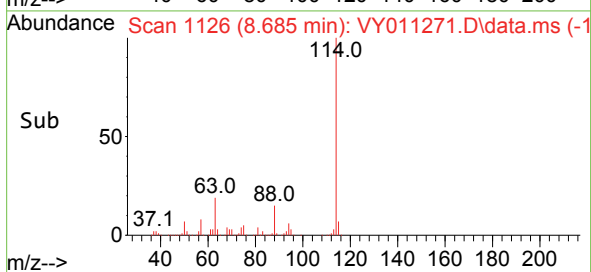
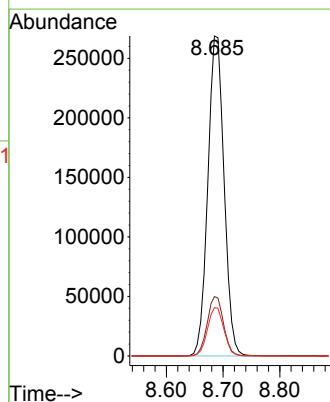
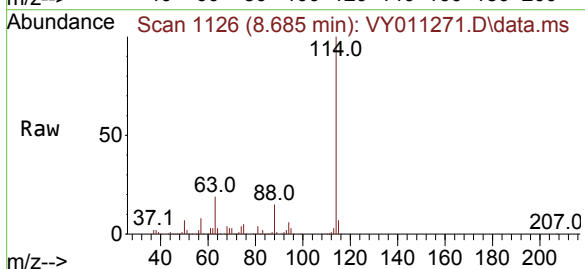
Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	99.4

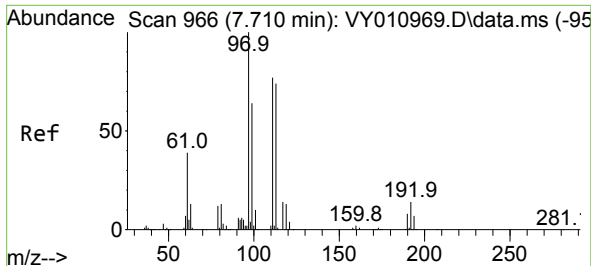


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY011271.D
 Acq: 02 Nov 2022 18:28

Tgt Ion: 114 Resp: 534464

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	43.2
88	15.1	0.0	31.8

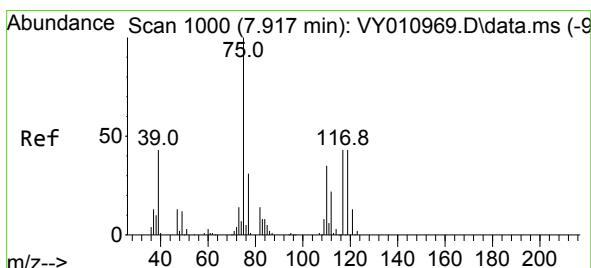
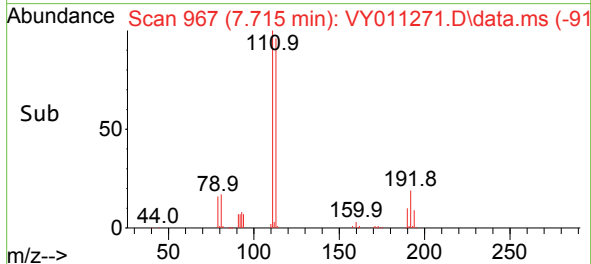
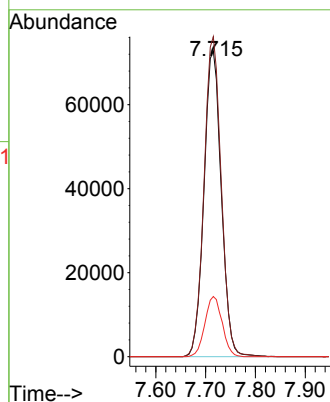
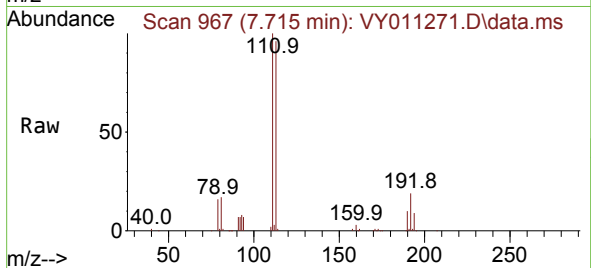




#35
Dibromofluoromethane
Concen: 51.138 ug/l
RT: 7.715 min Scan# 911
Delta R.T. 0.005 min
Lab File: VY011271.D
Acq: 02 Nov 2022 18:28

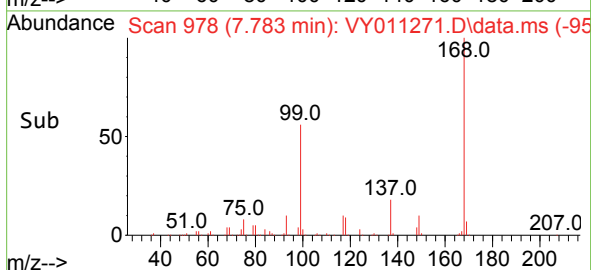
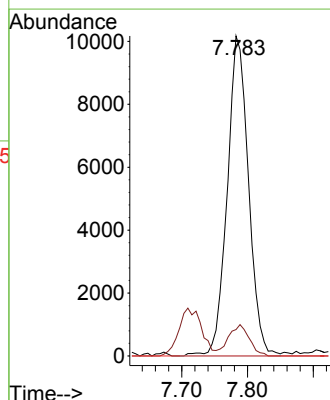
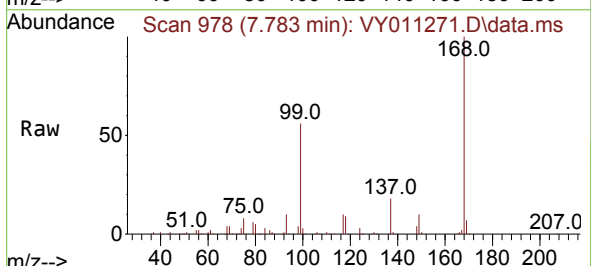
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-16.5-17.0-DUP

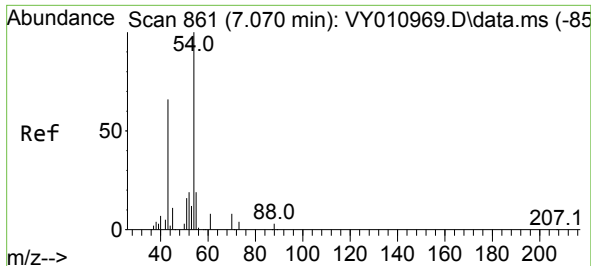
Tgt Ion:113 Resp: 175602
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 19.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.085 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011271.D
Acq: 02 Nov 2022 18:28

Tgt Ion: 75 Resp: 22909
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.281 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.092 min

Lab File: VY011271.D

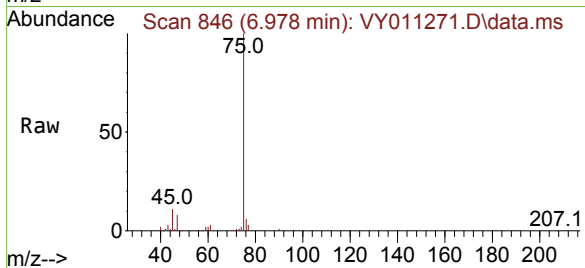
Acq: 02 Nov 2022 18:28

Instrument :

MSVOA_Y

ClientSampleId :

SB-01-16.5-17.0-DUP



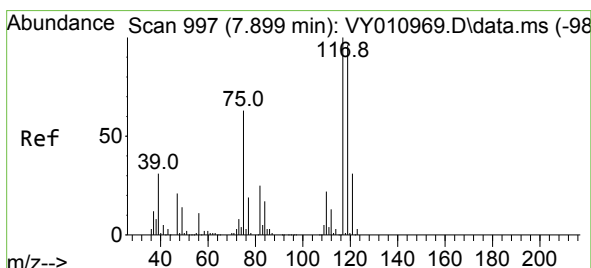
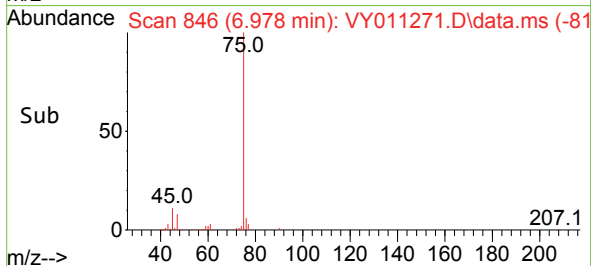
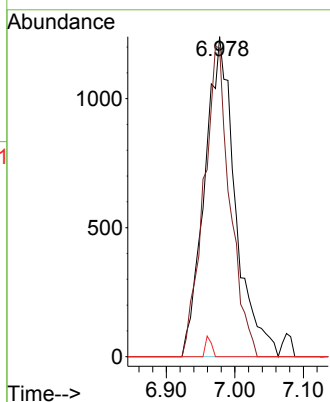
Tgt Ion: 43 Resp: 3873

Ion Ratio Lower Upper

43 100

61 83.0 9.7 14.5#

70 1.2 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.180 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY011271.D

Acq: 02 Nov 2022 18:28

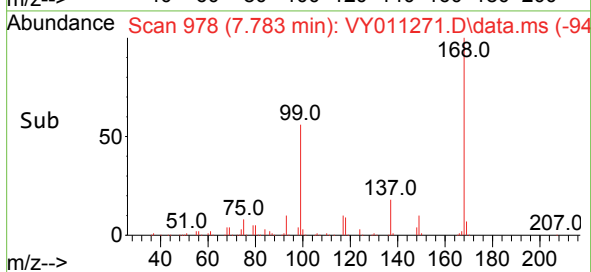
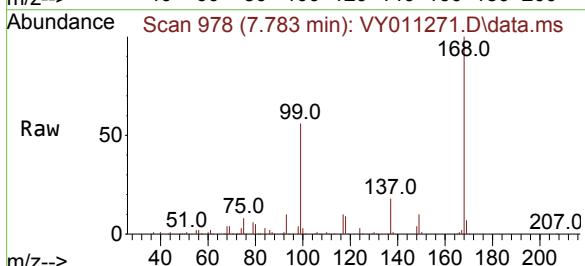
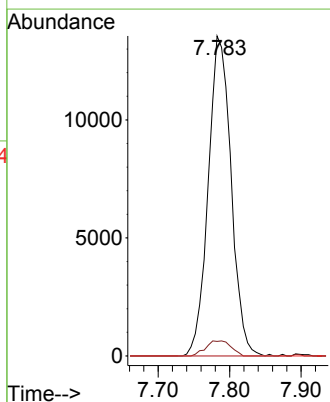
Tgt Ion: 117 Resp: 30136

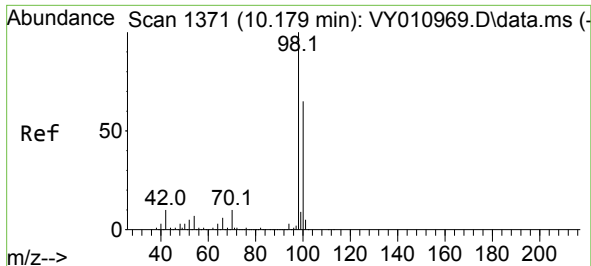
Ion Ratio Lower Upper

117 100

119 4.6 77.9 116.9#

121 0.0 24.8 37.2#

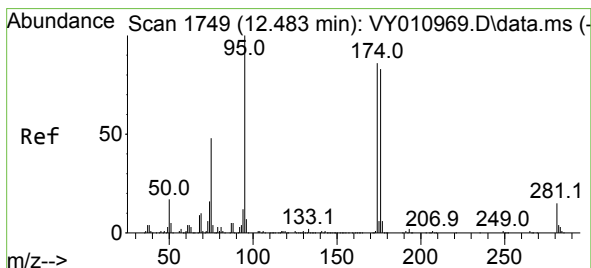
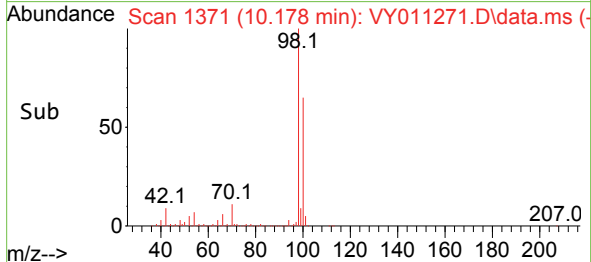
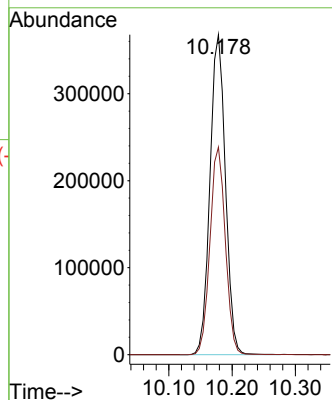
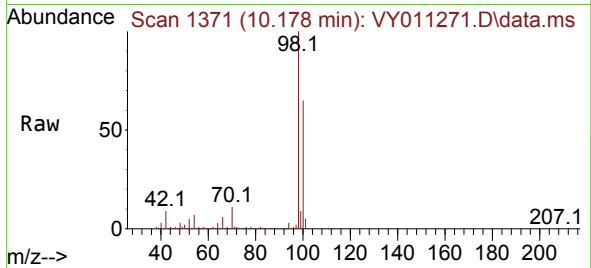




#50
Toluene-d8
Concen: 46.798 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011271.D
Acq: 02 Nov 2022 18:28

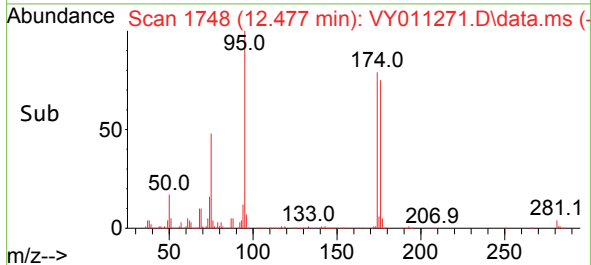
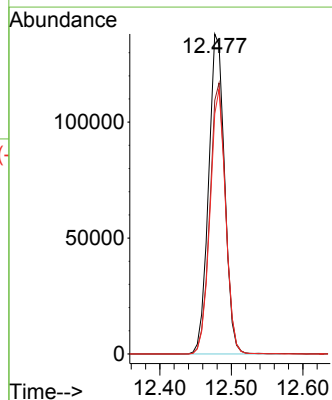
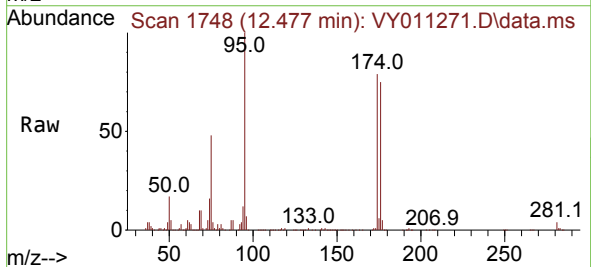
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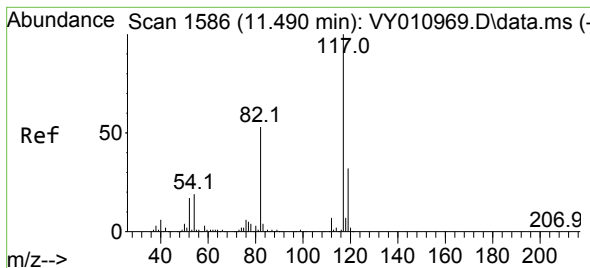
Tgt Ion: 98 Resp: 623927
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.363 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011271.D
Acq: 02 Nov 2022 18:28

Tgt Ion: 95 Resp: 214593
Ion Ratio Lower Upper
95 100
174 83.4 0.0 177.0
176 80.5 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY011271.D

Acq: 02 Nov 2022 18:28

Instrument :

MSVOA_Y

ClientSampleId :

SB-01-16.5-17.0-DUP

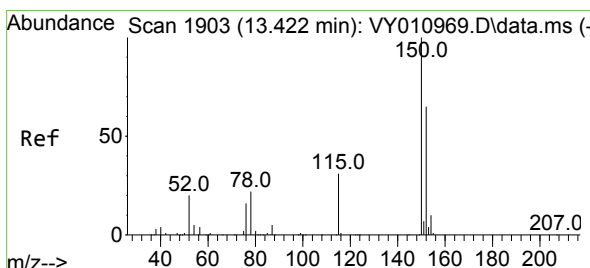
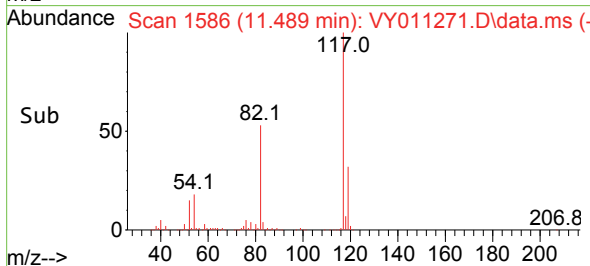
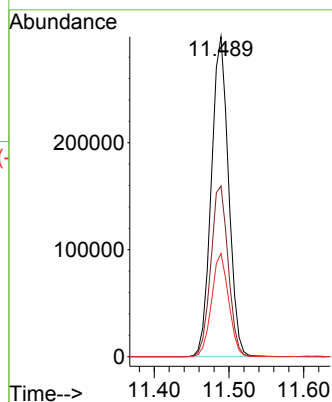
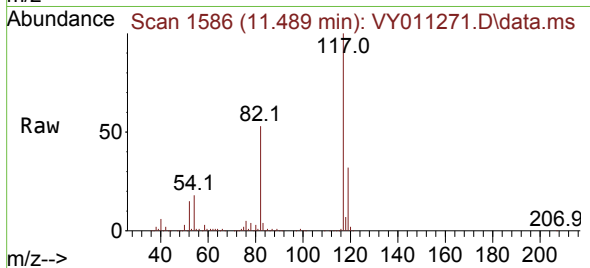
Tgt Ion:117 Resp: 479347

Ion Ratio Lower Upper

117 100

82 53.3 43.0 64.4

119 32.3 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: VY011271.D

Acq: 02 Nov 2022 18:28

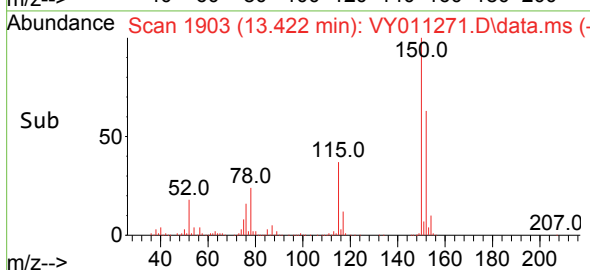
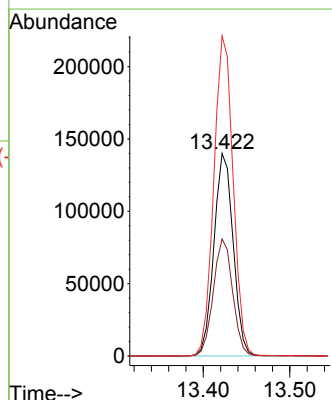
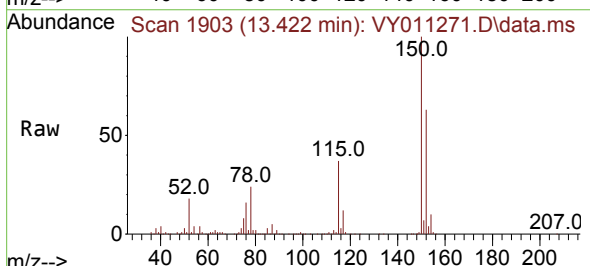
Tgt Ion:152 Resp: 215697

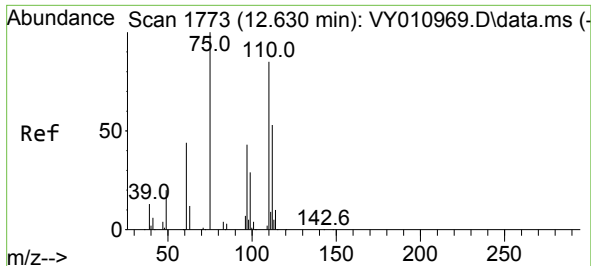
Ion Ratio Lower Upper

152 100

115 58.1 28.2 84.7

150 158.7 0.0 347.6

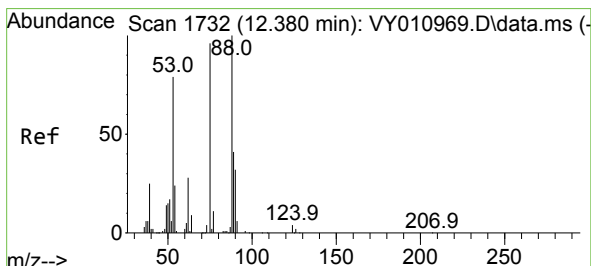
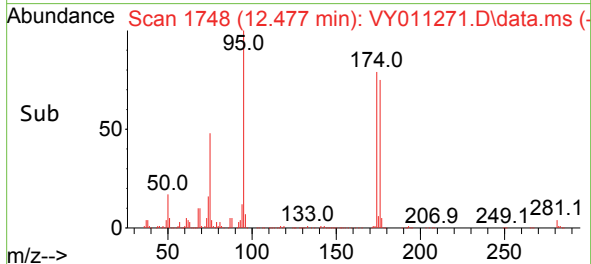
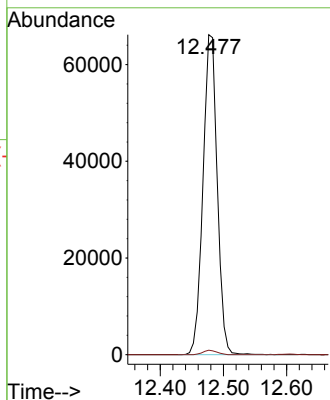
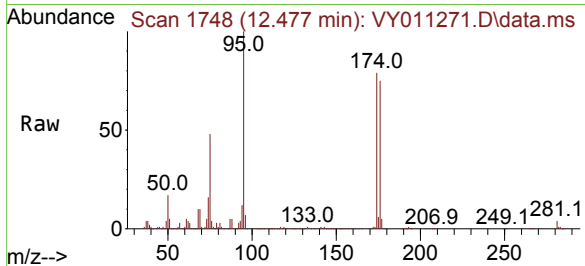




#76
1,2,3-Trichloropropane
Concen: 39.569 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011271.D
Acq: 02 Nov 2022 18:28

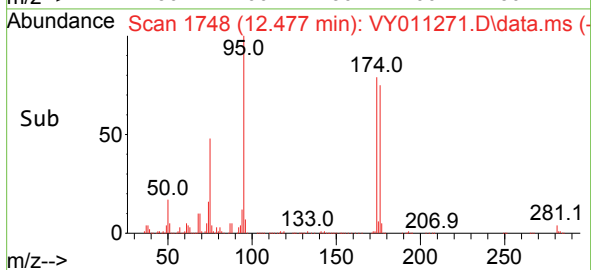
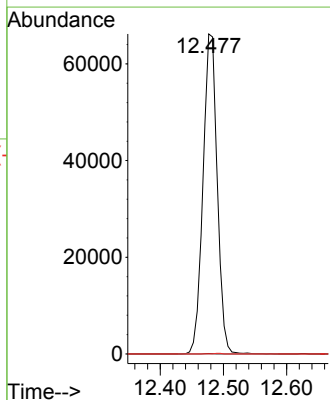
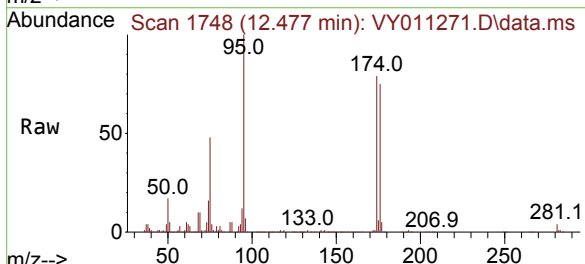
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-16.5-17.0-DUP

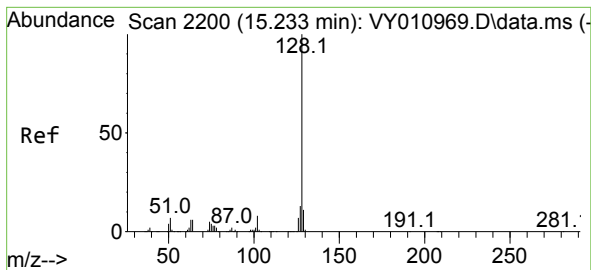
Tgt Ion: 75 Resp: 103906
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.683 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011271.D
Acq: 02 Nov 2022 18:28

Tgt Ion: 75 Resp: 103906
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#





#95

Naphthalene

Concen: 4.033 ug/l

RT: 15.238 min Scan# 21

Delta R.T. 0.005 min

Lab File: VY011271.D

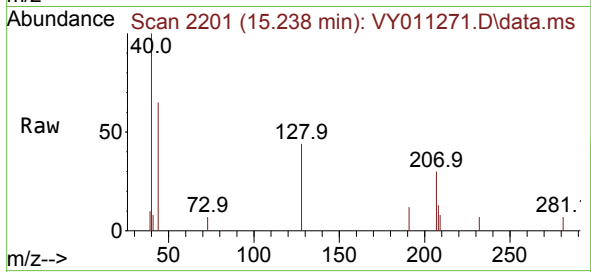
Acq: 02 Nov 2022 18:28

Instrument :

MSVOA_Y

ClientSampleId :

SB-01-16.5-17.0-DUP



Tgt Ion:128 Resp: 673

Ion Ratio Lower Upper

128 100

127 0.0 11.0 16.4#

129 0.0 8.4 12.6#

