

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122322\
 Data File : VY011988.D
 Acq On : 23 Dec 2022 11:31
 Operator : KP/MD
 Sample : VY1223SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 23 22:23:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

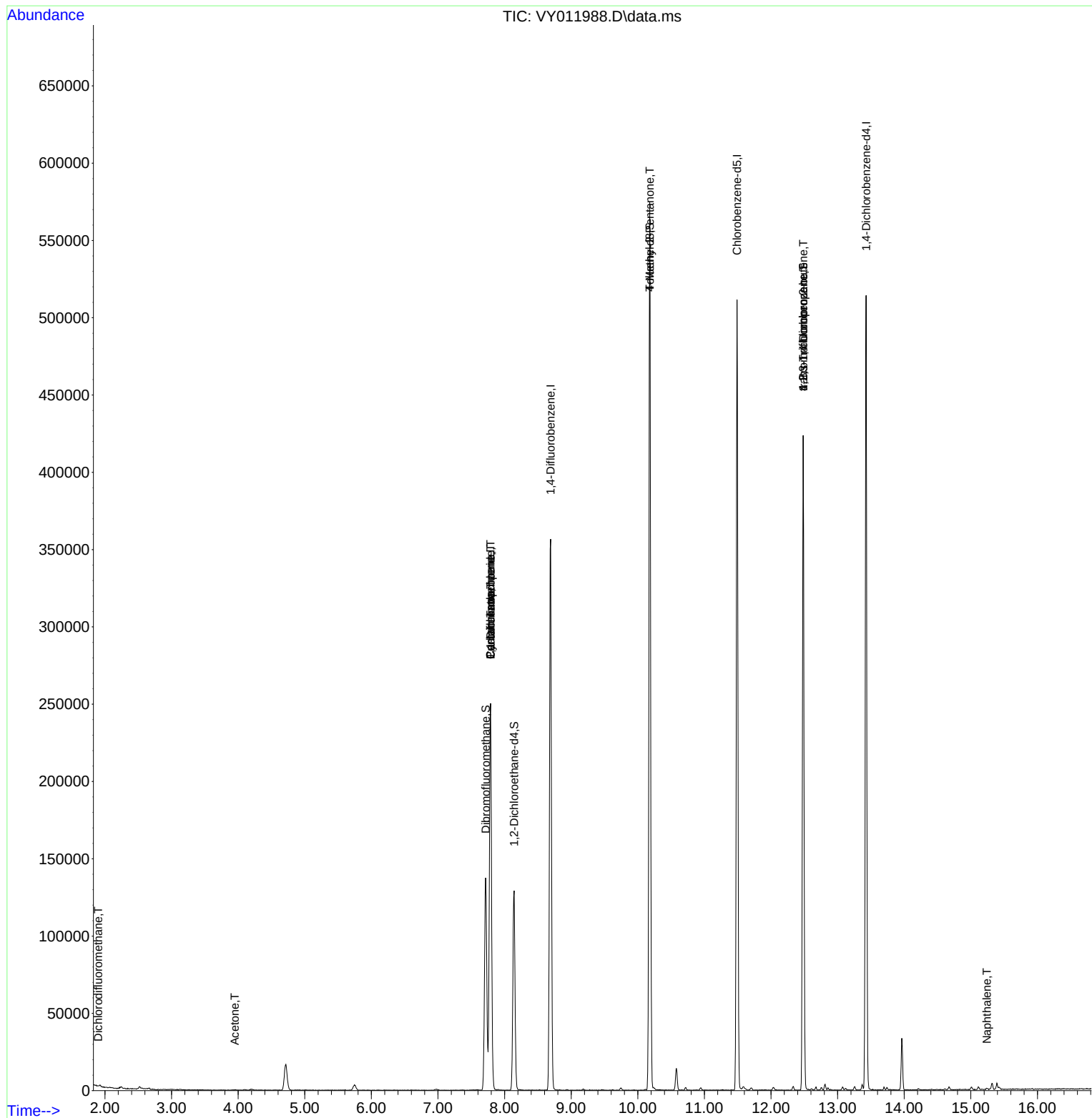
Internal Standards						
1) Pentafluorobenzene	7.789	168	196881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	316972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	283325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	133861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	105887	53.383	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.760%			
35) Dibromofluoromethane	7.716	113	95697	50.149	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.300%			
50) Toluene-d8	10.179	98	380206	49.108	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.220%			
62) 4-Bromofluorobenzene	12.483	95	117874	45.268	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 90.540%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	358	2.684	ug/l	92
16) Acetone	3.948	43	409	5.552	ug/l	95
20) Methylene Chloride	4.710	84	13066	Below Cal		93
31) Cyclohexane	7.789	56	3792	1.136	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	13852	4.525	ug/l #	50
38) Carbon Tetrachloride	7.789	117	18959	5.363	ug/l #	19
51) 4-Methyl-2-Pentanone	10.179	43	1539	1.151	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	62266	37.382	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	62266	102.370	ug/l #	13
95) Naphthalene	15.239	128	1001	2.970	ug/l #	90

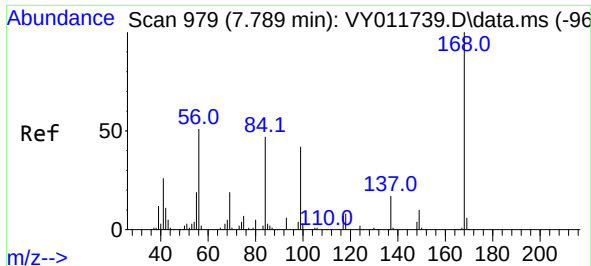
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
ClientSampleId :

Quant Time: Dec 23 22:23:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 20 12:37:37 2022
Response via : Initial Calibration

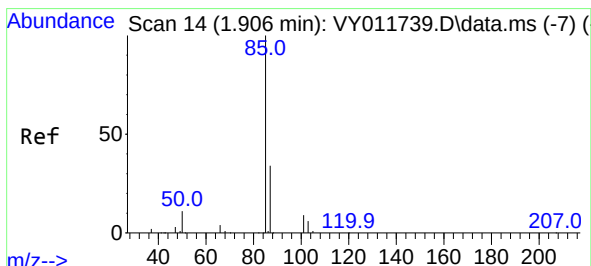
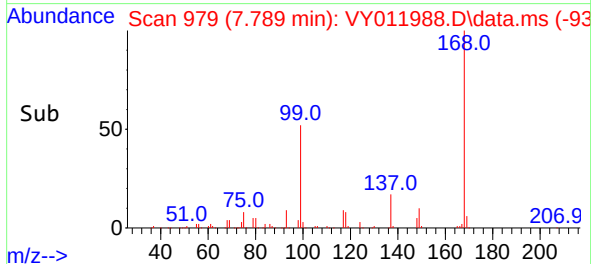
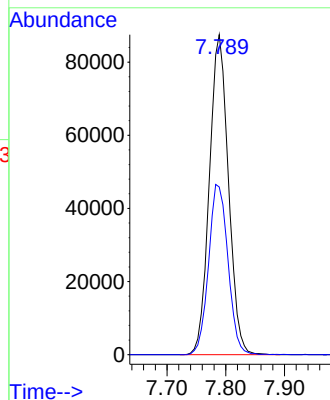
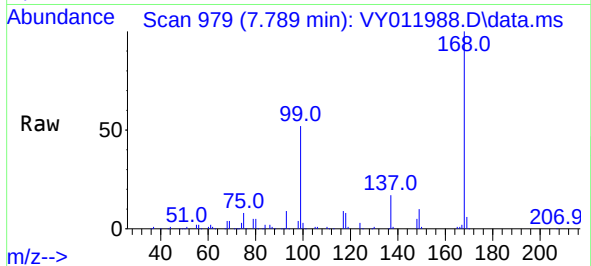




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011988.D
Acq: 23 Dec 2022 11:31

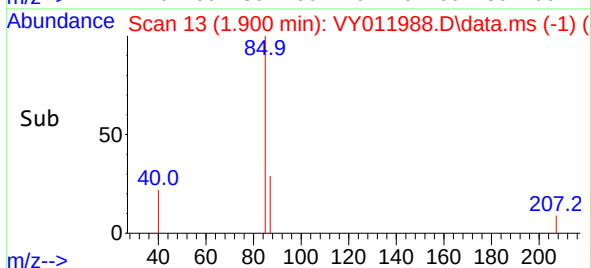
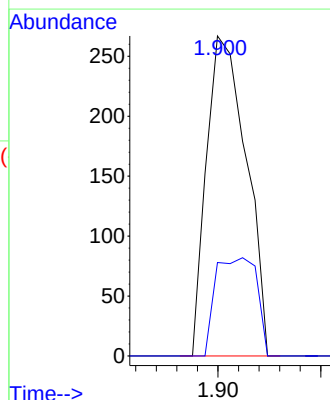
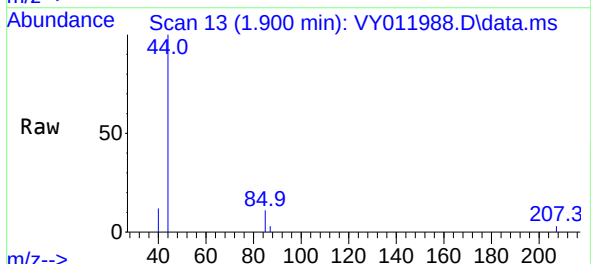
Instrument :
MSVOA_Y
ClientSampleId :

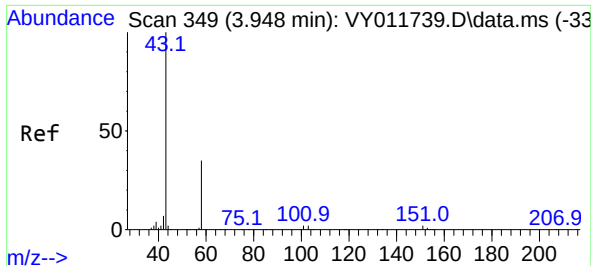
Tgt Ion:168 Resp: 196881
Ion Ratio Lower Upper
168 100
99 52.4 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 2.684 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY011988.D
Acq: 23 Dec 2022 11:31

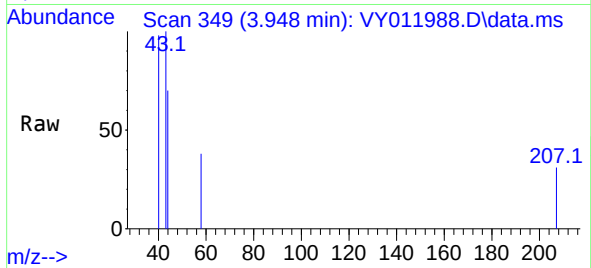
Tgt Ion: 85 Resp: 358
Ion Ratio Lower Upper
85 100
87 29.2 16.8 50.4



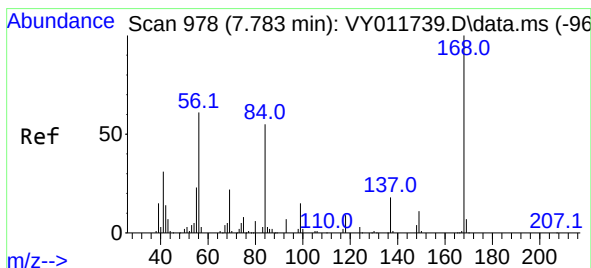
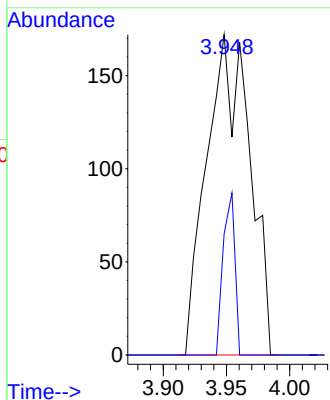
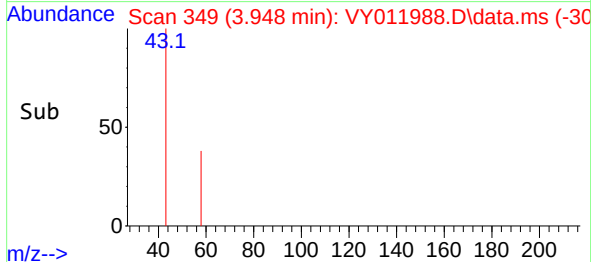


#16
Acetone
Concen: 5.552 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY011988.D
Acq: 23 Dec 2022 11:31

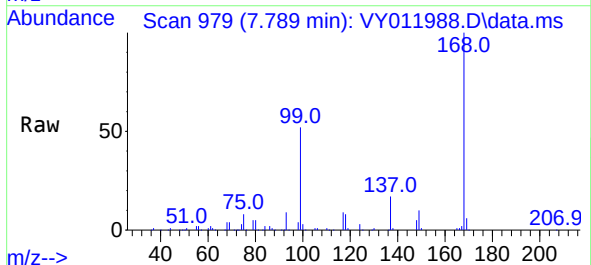
Instrument :
MSVOA_Y
ClientSampleId :



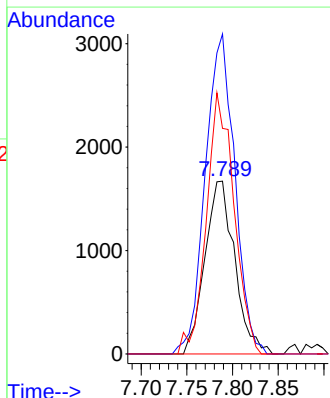
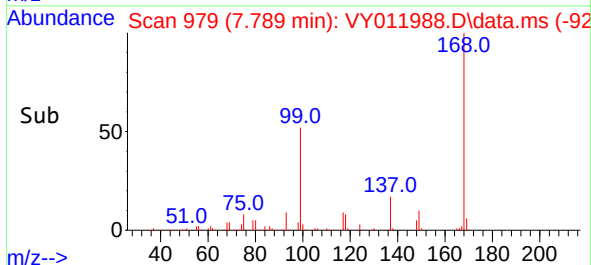
Tgt Ion: 43 Resp: 409
Ion Ratio Lower Upper
43 100
58 37.8 27.9 41.9

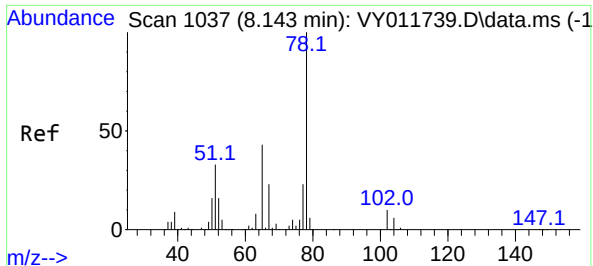


#31
Cyclohexane
Concen: 1.136 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY011988.D
Acq: 23 Dec 2022 11:31



Tgt Ion: 56 Resp: 3792
Ion Ratio Lower Upper
56 100
69 185.2 29.2 43.8#
84 130.6 72.6 108.8#





#33

1,2-Dichloroethane-d4

Concen: 53.383 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY011988.D

Acq: 23 Dec 2022 11:31

Instrument :

MSVOA_Y

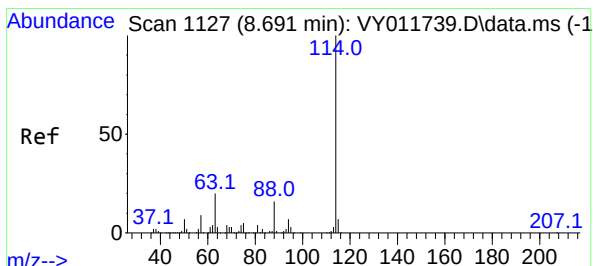
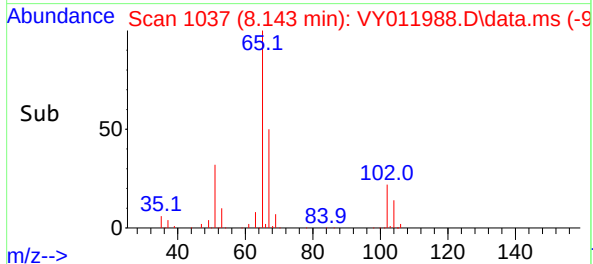
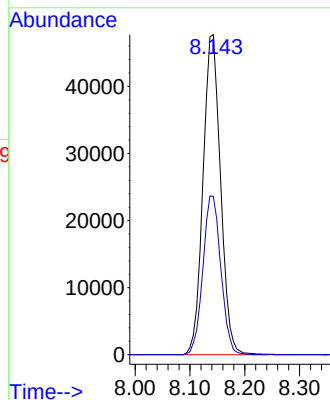
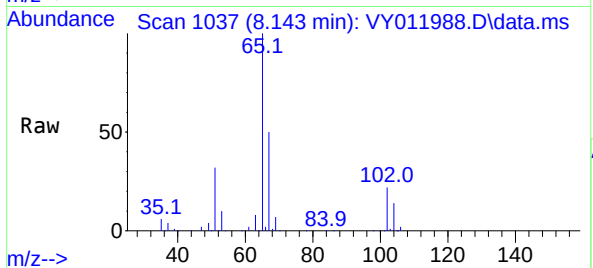
ClientSampleId :

Tgt Ion: 65 Resp: 105887

Ion Ratio Lower Upper

65 100

67 50.7 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011988.D

Acq: 23 Dec 2022 11:31

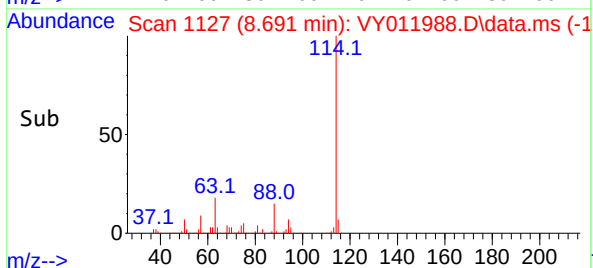
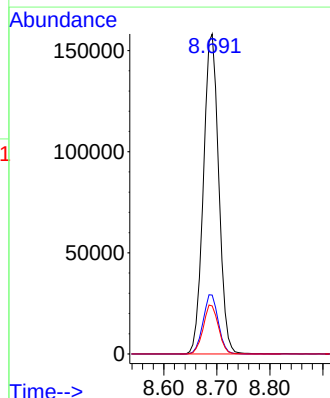
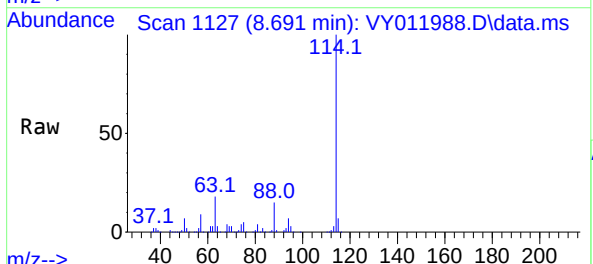
Tgt Ion:114 Resp: 316972

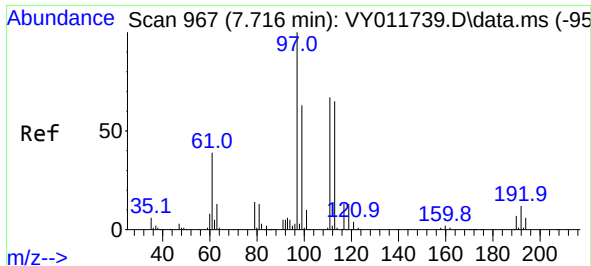
Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.6

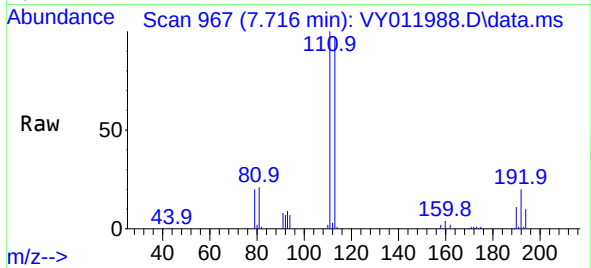
88 15.0 0.0 32.2



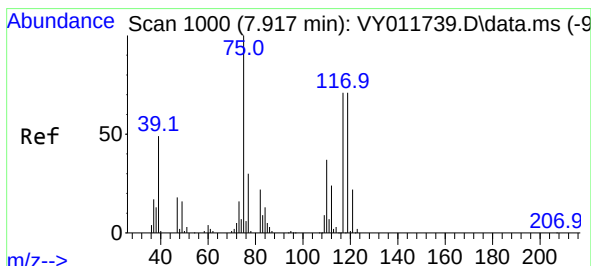
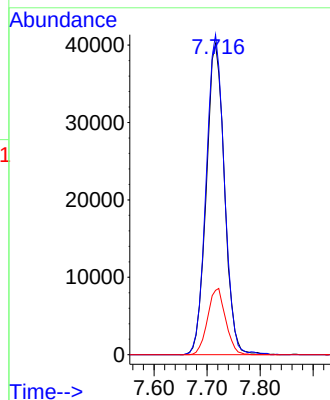
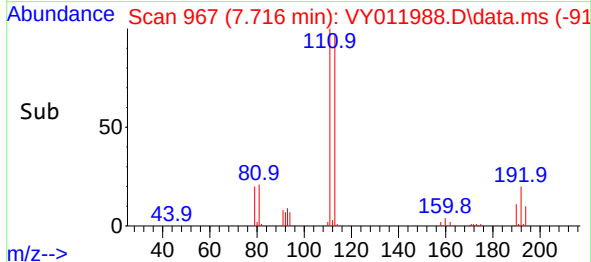


#35
Dibromofluoromethane
Concen: 50.149 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011988.D
Acq: 23 Dec 2022 11:31

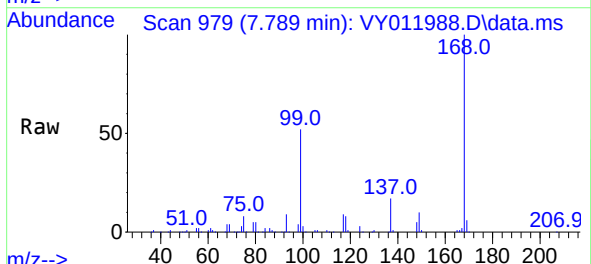
Instrument :
MSVOA_Y
ClientSampleId :



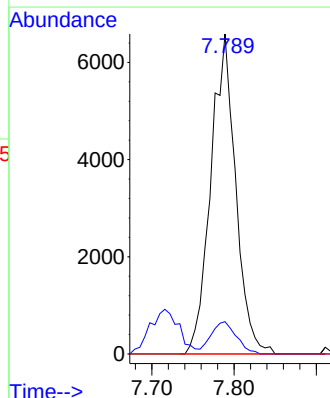
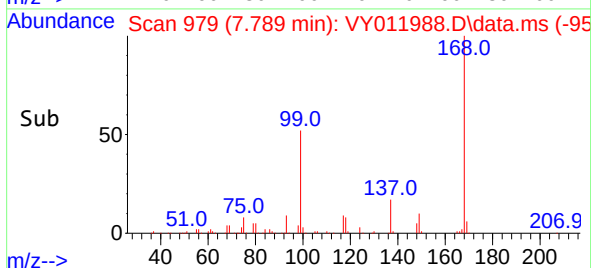
Tgt Ion:113 Resp: 95697
Ion Ratio Lower Upper
113 100
111 102.6 83.0 124.4
192 21.0 16.0 24.0

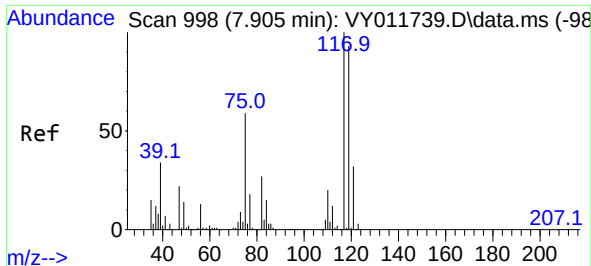


#36
1,1-Dichloropropene
Concen: 4.525 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY011988.D
Acq: 23 Dec 2022 11:31



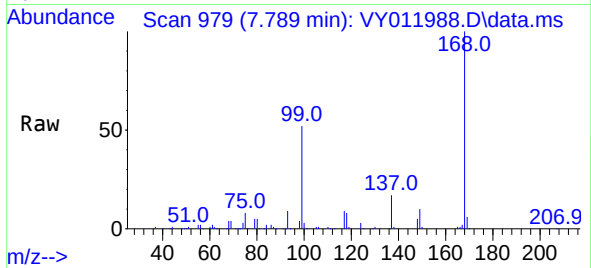
Tgt Ion: 75 Resp: 13852
Ion Ratio Lower Upper
75 100
110 10.2 18.1 54.1#
77 0.0 25.1 37.7#



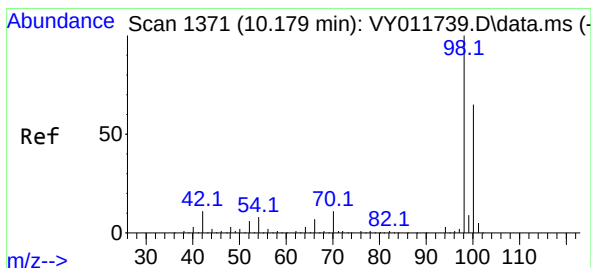
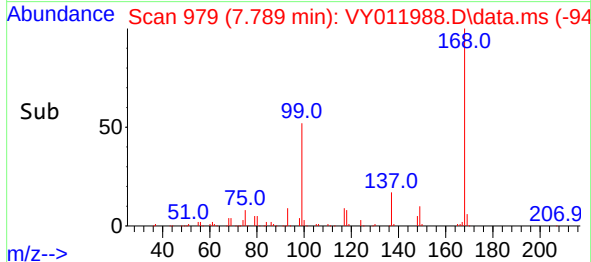
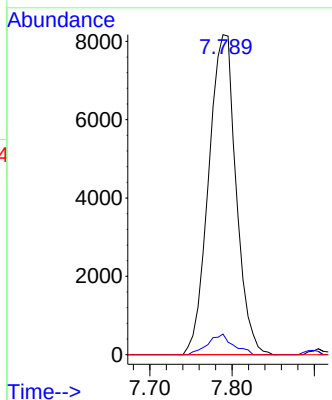


#38
Carbon Tetrachloride
Concen: 5.363 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011988.D
Acq: 23 Dec 2022 11:31

Instrument :
MSVOA_Y
ClientSampleId :

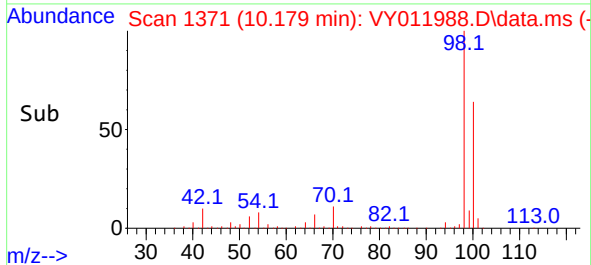
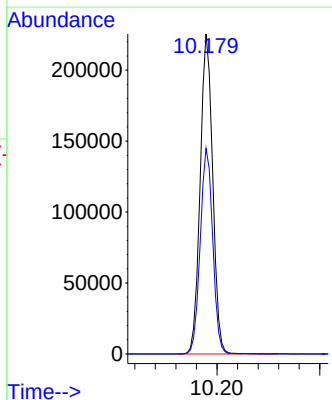
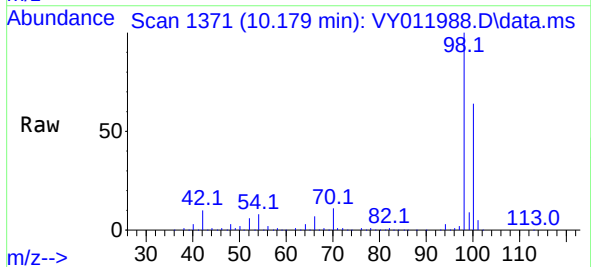


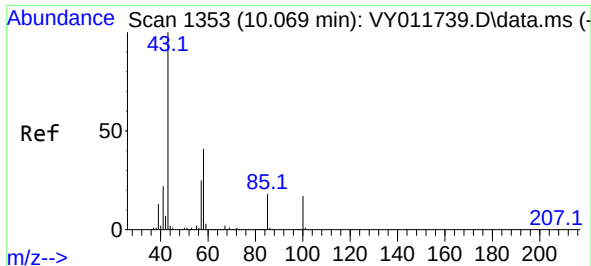
Tgt Ion:117 Resp: 18959
Ion Ratio Lower Upper
117 100
119 6.5 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 49.108 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011988.D
Acq: 23 Dec 2022 11:31

Tgt Ion: 98 Resp: 380206
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9

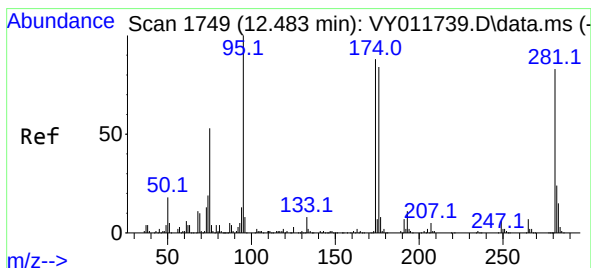
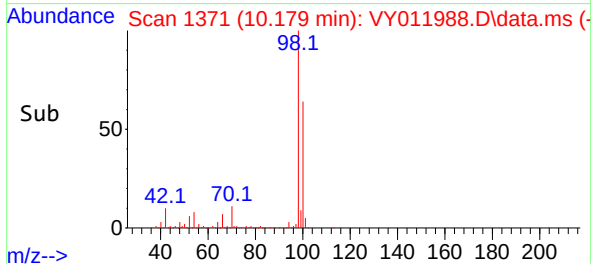
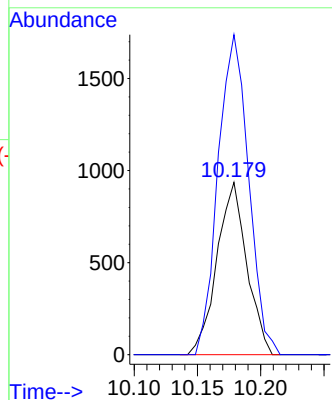
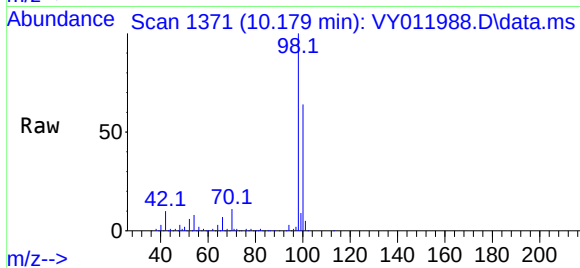




#51
4-Methyl-2-Pentanone
Concen: 1.151 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY011988.D
Acq: 23 Dec 2022 11:31

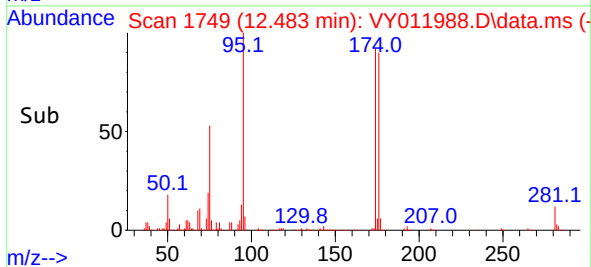
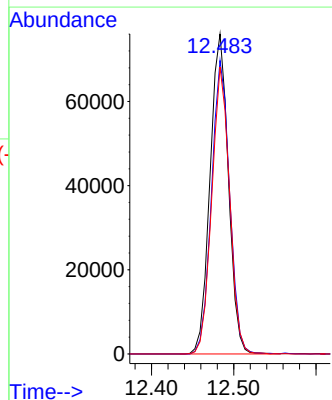
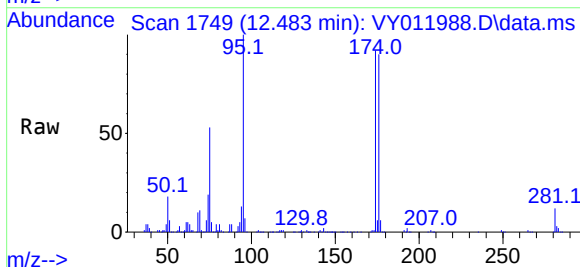
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ClientSampleId :

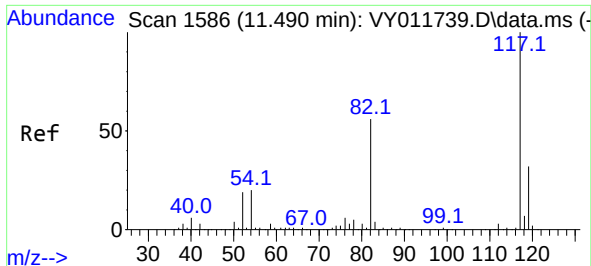
Tgt Ion: 43 Resp: 1539
Ion Ratio Lower Upper
43 100
58 189.5 32.9 49.3#



#62
4-Bromofluorobenzene
Concen: 45.268 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011988.D
Acq: 23 Dec 2022 11:31

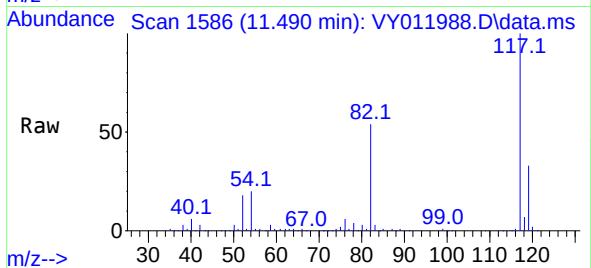
Tgt Ion: 95 Resp: 117874
Ion Ratio Lower Upper
95 100
174 90.7 0.0 172.0
176 87.1 0.0 167.6



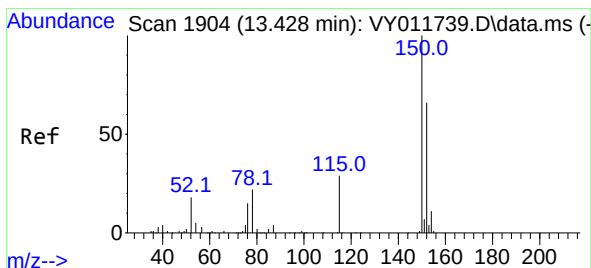
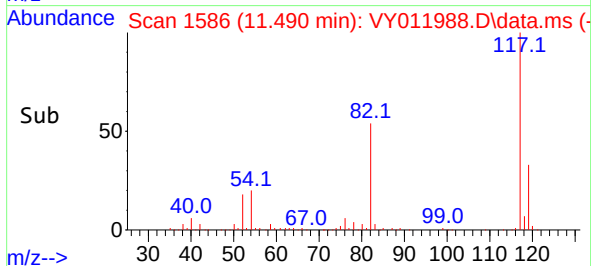
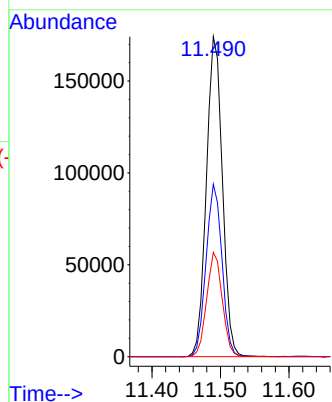


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011988.D
Acq: 23 Dec 2022 11:31

Instrument :
MSVOA_Y
ClientSampleId :

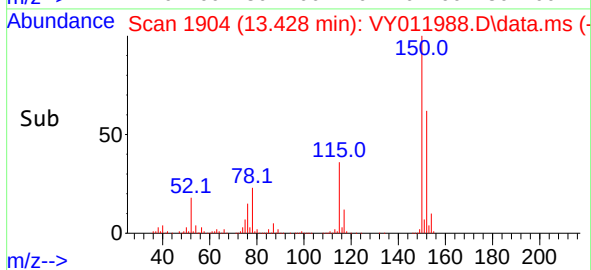
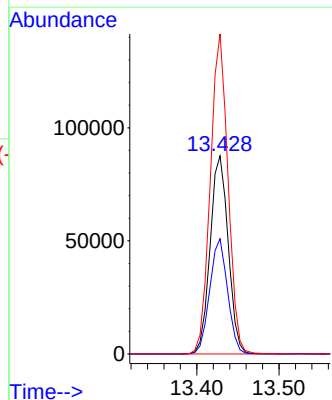
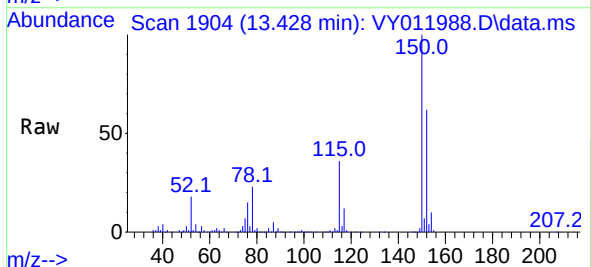


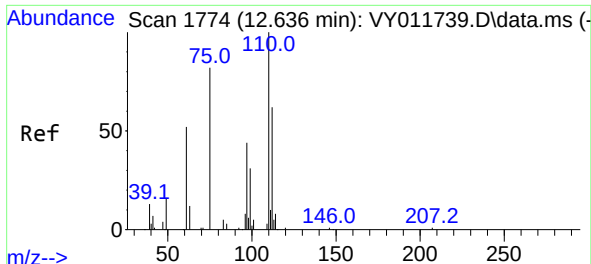
Tgt Ion:117 Resp: 283325
Ion Ratio Lower Upper
117 100
82 53.9 44.8 67.2
119 32.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011988.D
Acq: 23 Dec 2022 11:31

Tgt Ion:152 Resp: 133861
Ion Ratio Lower Upper
152 100
115 57.5 29.1 87.3
150 157.8 0.0 342.6

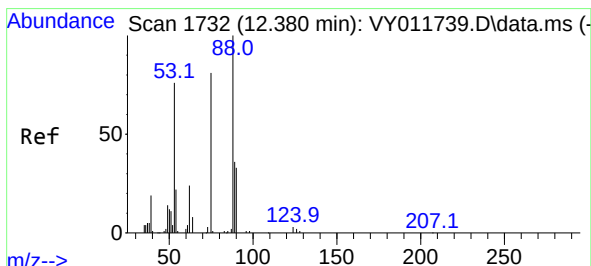
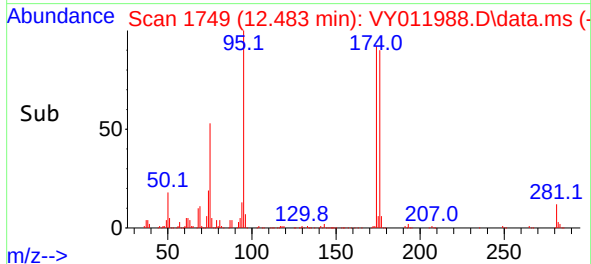
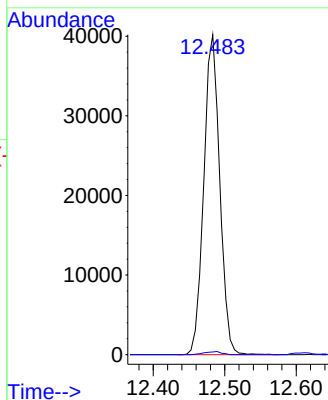
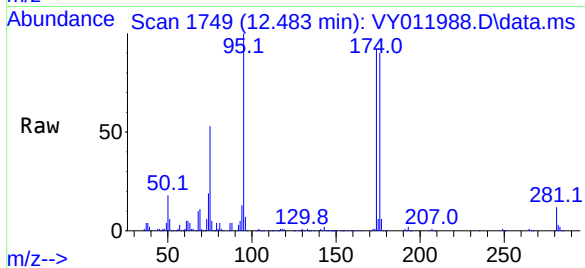




#76
1,2,3-Trichloropropane
Concen: 37.382 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY011988.D
Acq: 23 Dec 2022 11:31

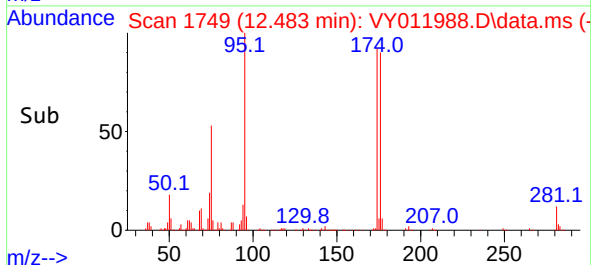
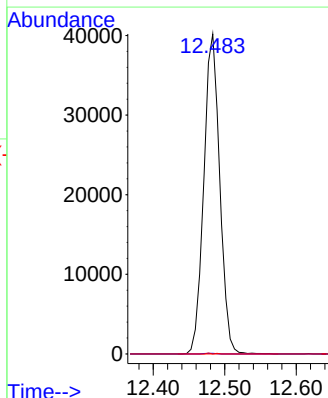
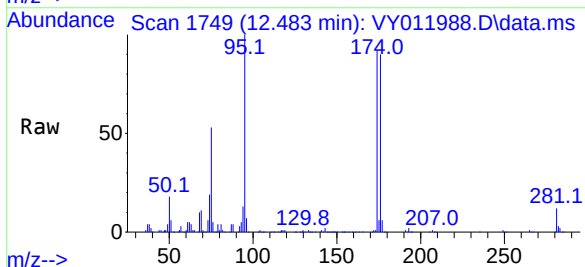
Instrument :
MSVOA_Y
ClientSampleId :

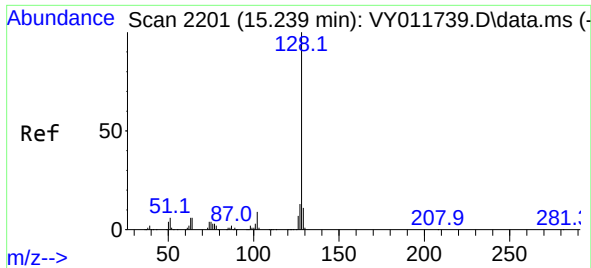
Tgt Ion: 75 Resp: 62266
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.370 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY011988.D
Acq: 23 Dec 2022 11:31

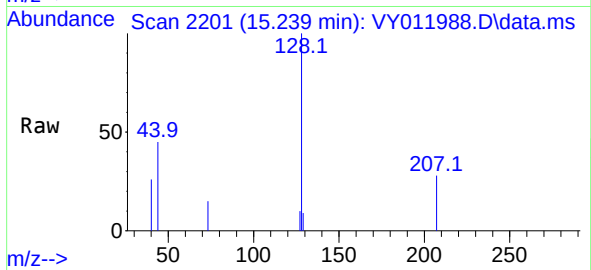
Tgt Ion: 75 Resp: 62266
Ion Ratio Lower Upper
75 100
53 0.2 72.5 108.7#
89 0.1 37.0 55.4#





#95
Naphthalene
Concen: 2.970 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY011988.D
Acq: 23 Dec 2022 11:31

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.2	15.2
129	4.1	8.8	13.2#

