

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
 Data File : VY014065.D
 Acq On : 07 Jun 2023 17:15
 Operator : KP/MD
 Sample : 03044-02RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-5-7.0

Quant Time: Jun 08 02:34:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

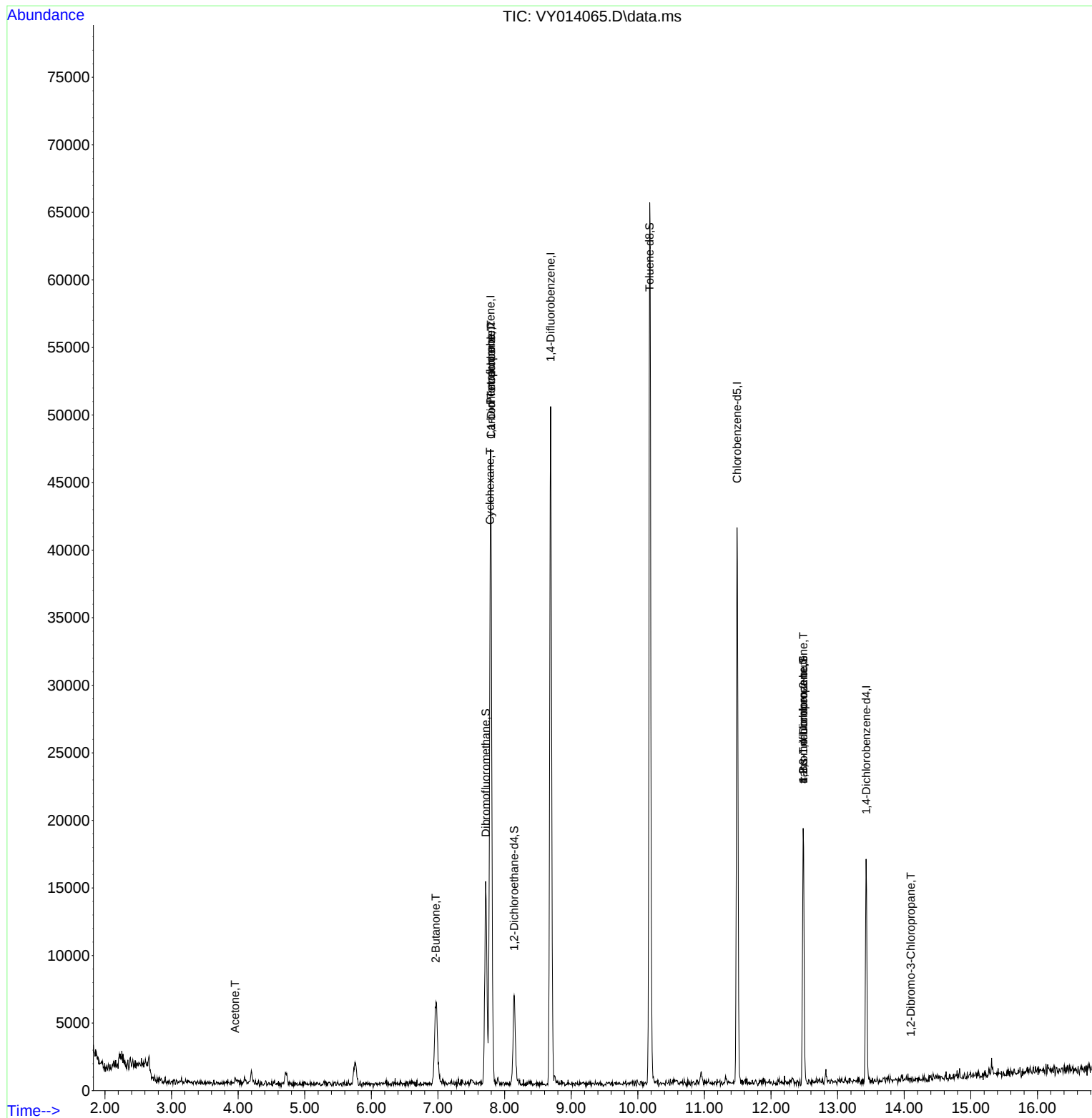
Internal Standards						
1) Pentafluorobenzene	7.789	168	35204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	43117	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	22842	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4718	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	5433	11.658	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	23.320%#
35) Dibromofluoromethane	7.716	113	9692	35.371	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	70.740%
50) Toluene-d8	10.179	98	45912	43.926	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.860%
62) 4-Bromofluorobenzene	12.483	95	5222	14.655	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	29.300%#
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	434	2.722	ug/l	94
20) Methylene Chloride	4.704	84	306	Below Cal	#	55
25) 2-Butanone	6.966	43	277	1.395	ug/l #	86
31) Cyclohexane	7.783	56	757	1.349	ug/l #	51
36) 1,1-Dichloropropene	7.795	75	2845	7.288	ug/l #	49
38) Carbon Tetrachloride	7.795	117	3347	7.651	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	3142	49.488	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	3142	104.990	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	14.099	75	31	1.975	ug/l #	3

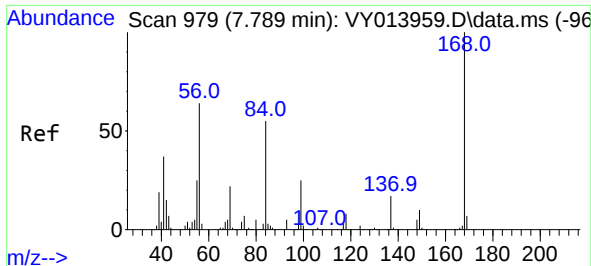
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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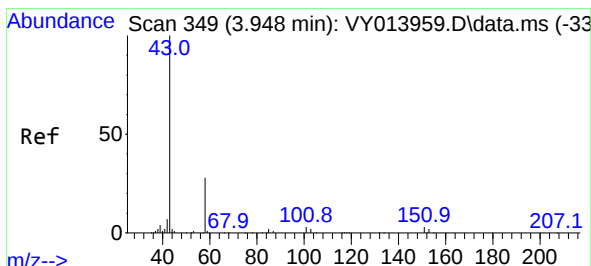
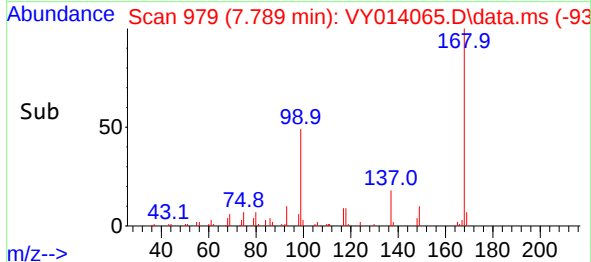
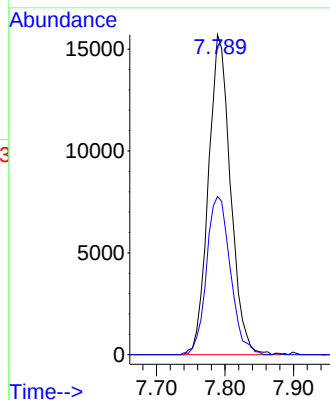
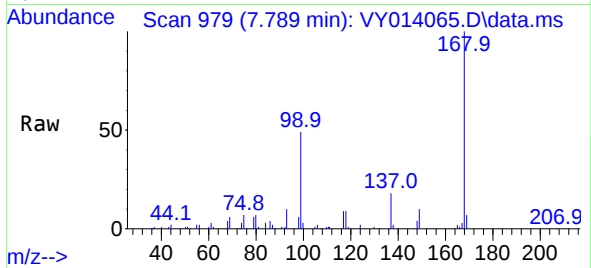




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014065.D
Acq: 07 Jun 2023 17:15

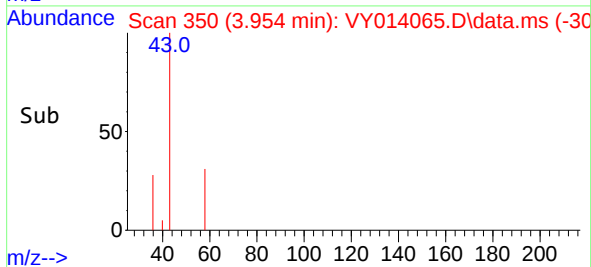
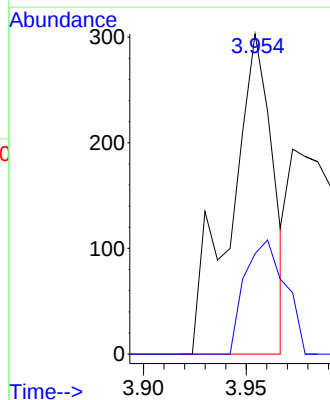
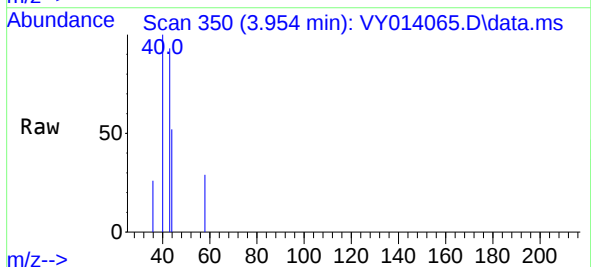
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-5-7.0

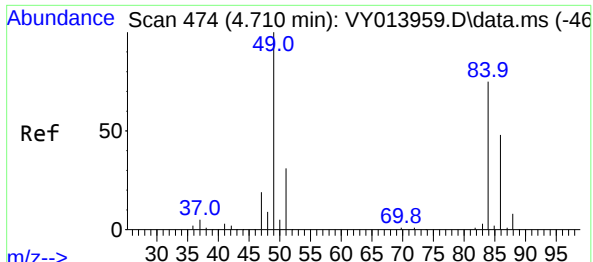
Tgt Ion:168 Resp: 35204
Ion Ratio Lower Upper
168 100
99 49.5 43.4 65.0



#16
Acetone
Concen: 2.722 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY014065.D
Acq: 07 Jun 2023 17:15

Tgt Ion: 43 Resp: 434
Ion Ratio Lower Upper
43 100
58 31.4 22.7 34.1



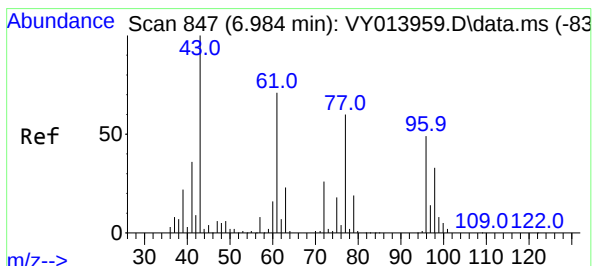
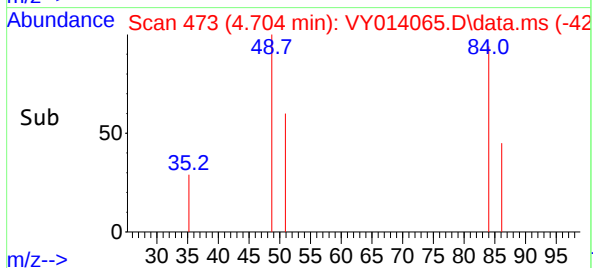
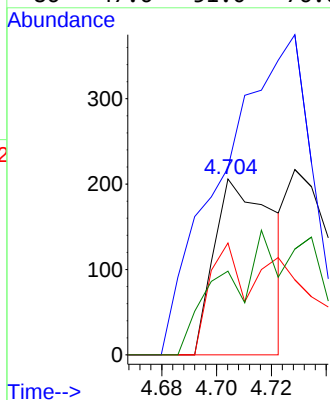
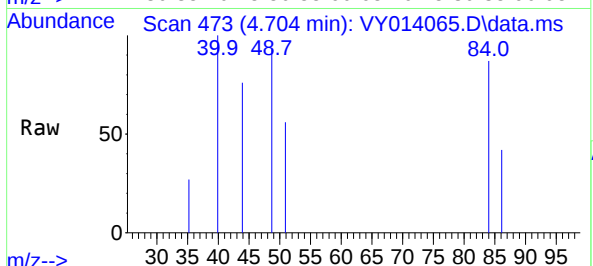


#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY014065.D
Acq: 07 Jun 2023 17:15

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-5-7.0

Tgt Ion: 84 Resp: 306

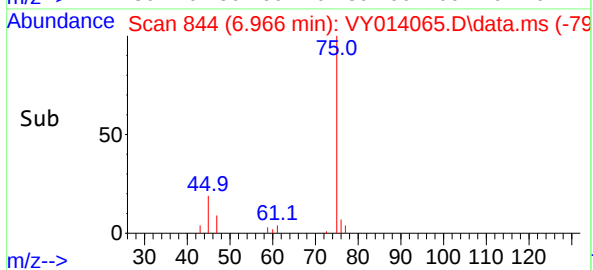
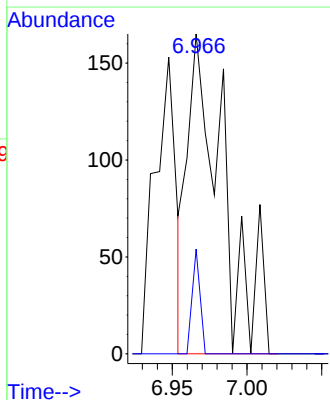
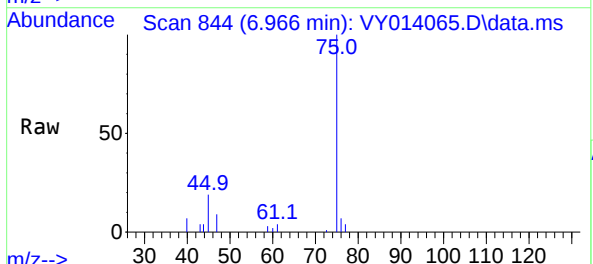
Ion	Ratio	Lower	Upper
84	100		
49	62.1	106.9	160.3#
51	63.6	33.2	49.8#
86	47.6	51.0	76.6#

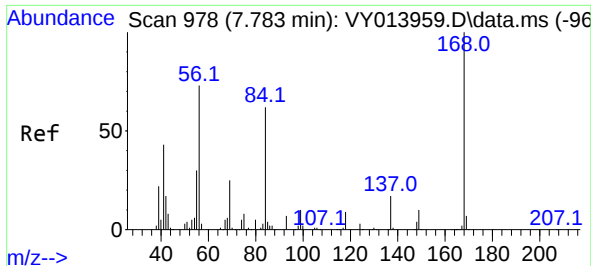


#25
2-Butanone
Concen: 1.395 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.018 min
Lab File: VY014065.D
Acq: 07 Jun 2023 17:15

Tgt Ion: 43 Resp: 277

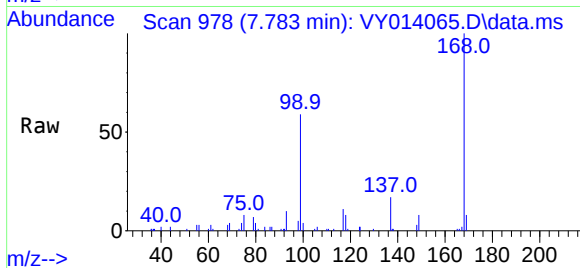
Ion	Ratio	Lower	Upper
43	100		
72	32.7	20.5	30.7#



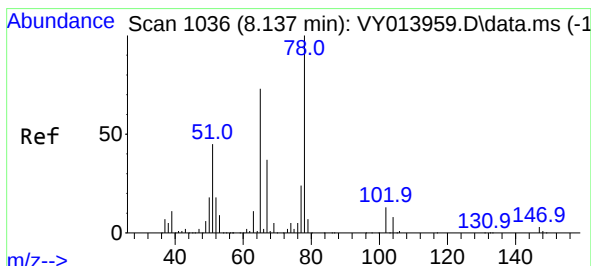
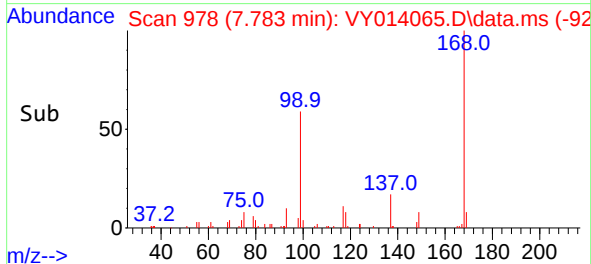
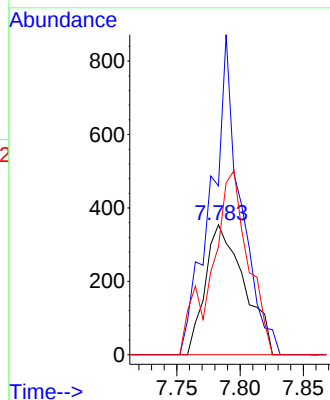


#31
Cyclohexane
Concen: 1.349 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014065.D
Acq: 07 Jun 2023 17:15

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-5-7.0

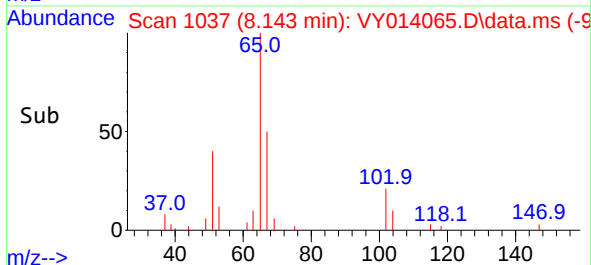
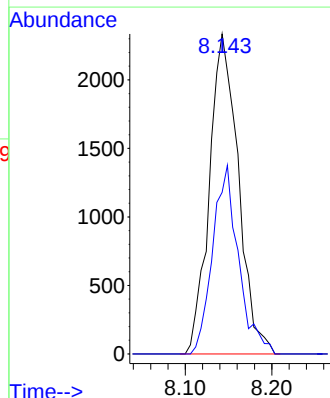
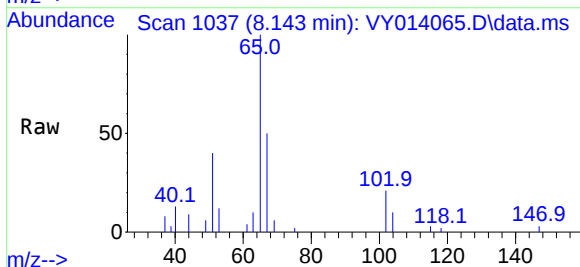


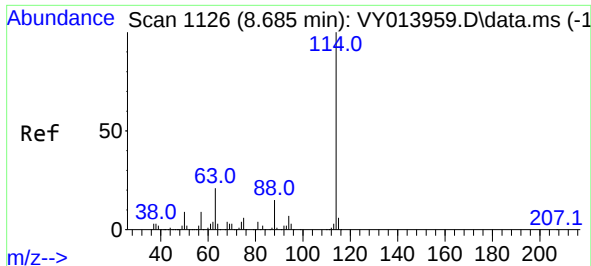
Tgt Ion: 56 Resp: 757
Ion Ratio Lower Upper
56 100
69 129.9 27.8 41.6#
84 83.1 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 11.658 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014065.D
Acq: 07 Jun 2023 17:15

Tgt Ion: 65 Resp: 5433
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.8

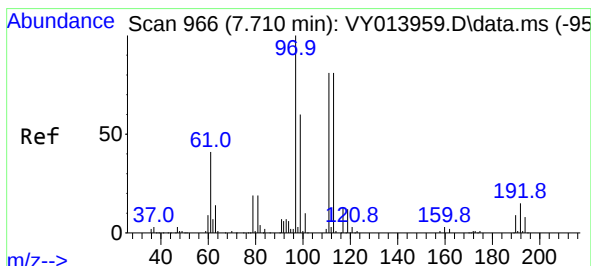
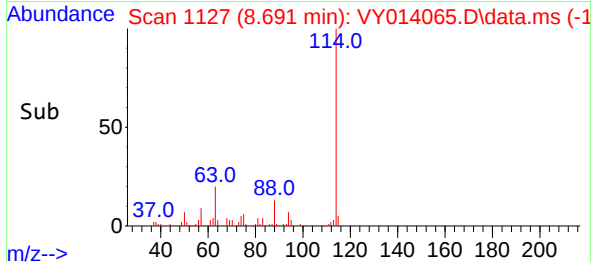
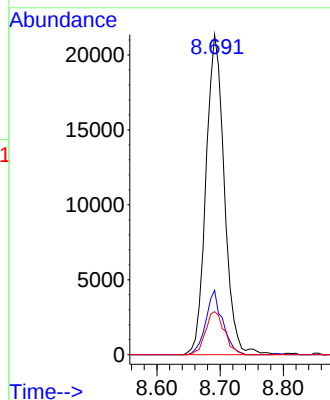
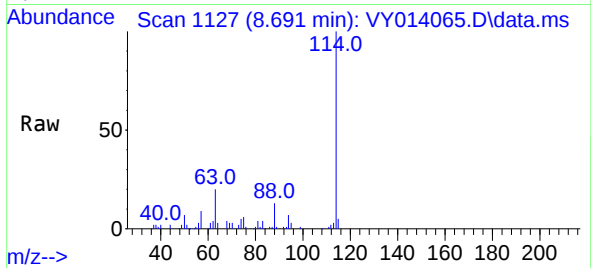




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY014065.D
Acq: 07 Jun 2023 17:15

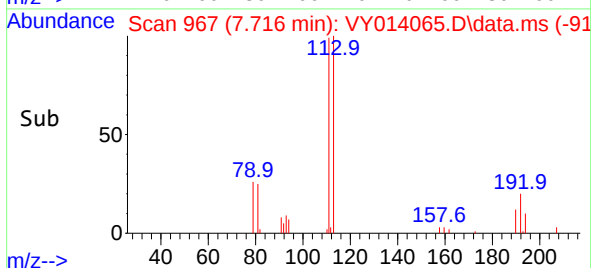
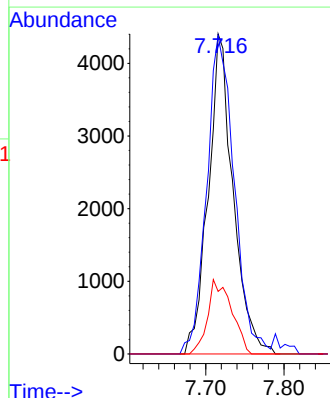
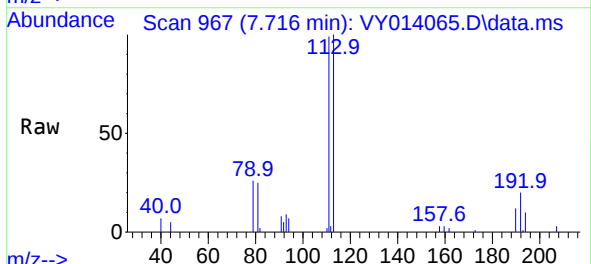
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-5-7.0

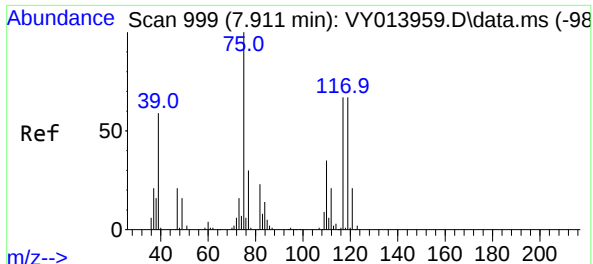
Tgt Ion:	114	Resp:	43117
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	42.4
88	13.5	0.0	30.6



#35
Dibromofluoromethane
Concen: 35.371 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY014065.D
Acq: 07 Jun 2023 17:15

Tgt Ion:	113	Resp:	9692
Ion	Ratio	Lower	Upper
113	100		
111	110.5	81.3	121.9
192	22.5	16.9	25.3

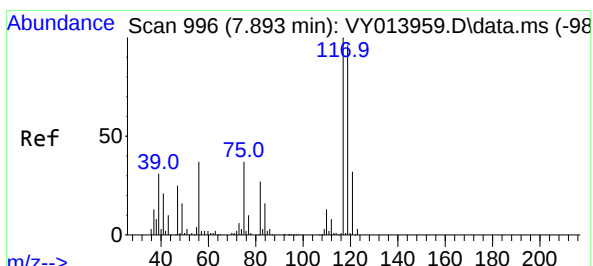
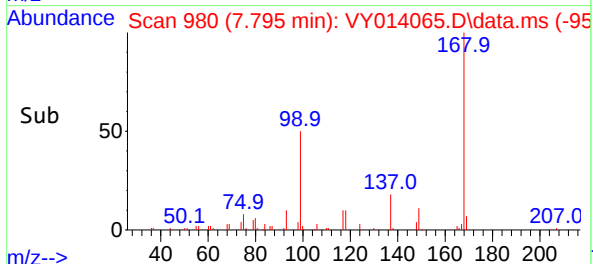
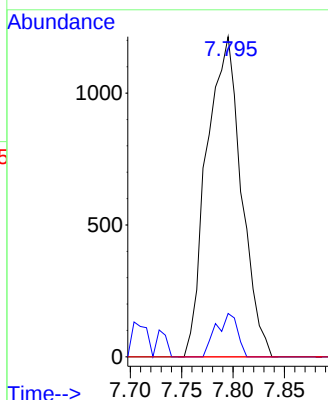
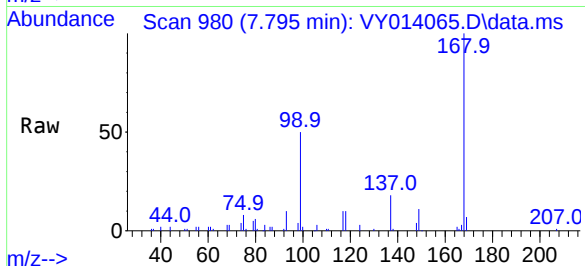




#36
1,1-Dichloropropene
Concen: 7.288 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY014065.D
Acq: 07 Jun 2023 17:15

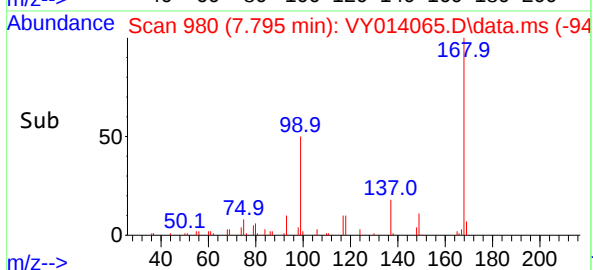
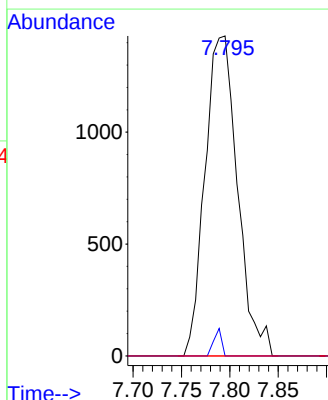
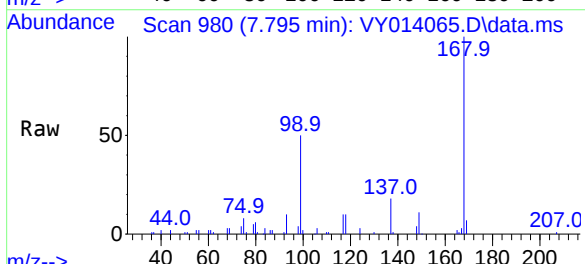
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-5-7.0

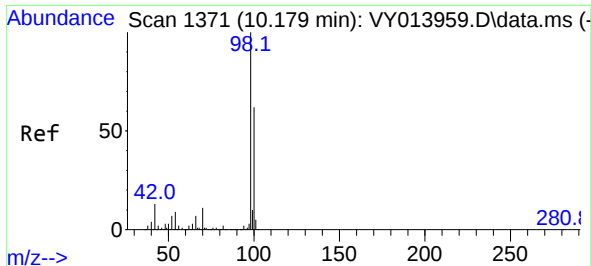
Tgt Ion: 75 Resp: 2845
Ion Ratio Lower Upper
75 100
110 8.4 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.651 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.098 min
Lab File: VY014065.D
Acq: 07 Jun 2023 17:15

Tgt Ion: 117 Resp: 3347
Ion Ratio Lower Upper
117 100
119 0.0 76.4 114.6#
121 0.0 25.8 38.6#

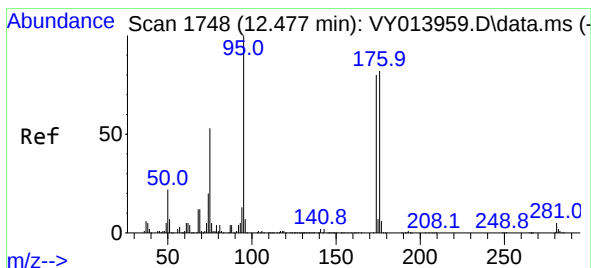
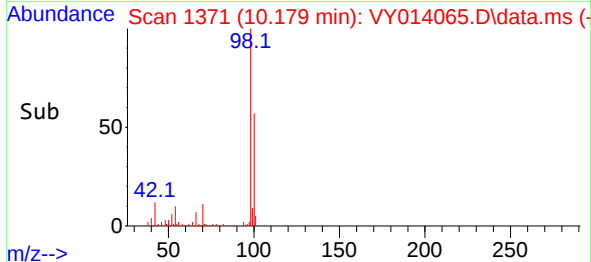
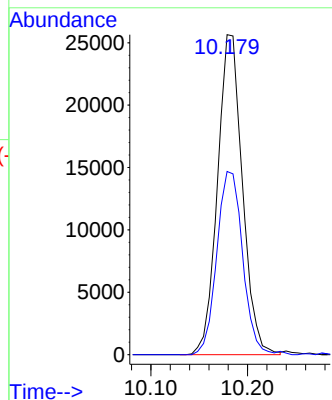
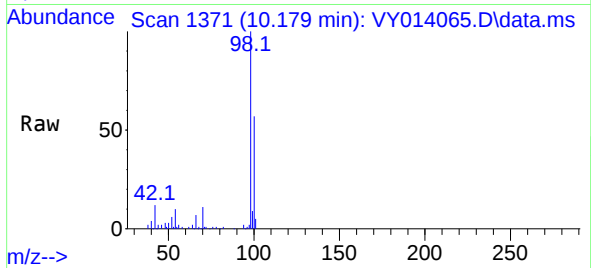




#50
Toluene-d8
Concen: 43.926 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014065.D
Acq: 07 Jun 2023 17:15

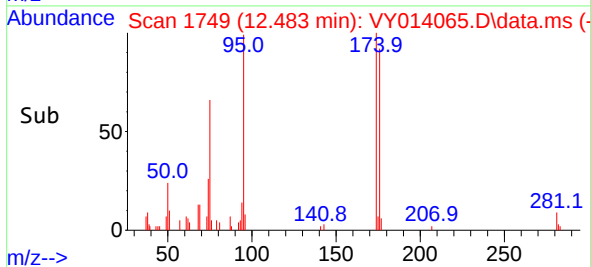
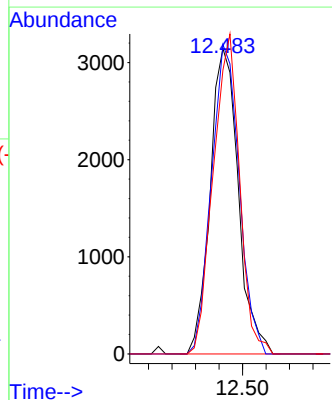
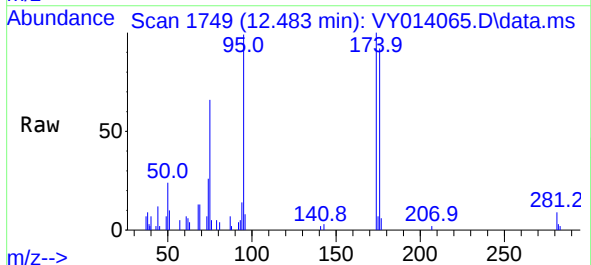
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SB-02-5-7.0

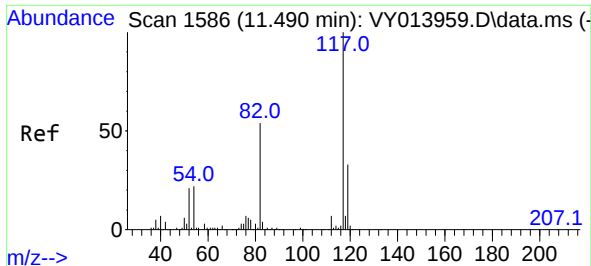
Tgt Ion: 98 Resp: 45912
Ion Ratio Lower Upper
98 100
100 59.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 14.655 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014065.D
Acq: 07 Jun 2023 17:15

Tgt Ion: 95 Resp: 5222
Ion Ratio Lower Upper
95 100
174 100.3 0.0 178.2
176 98.1 0.0 173.8

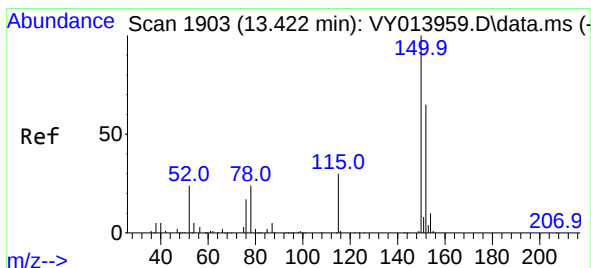
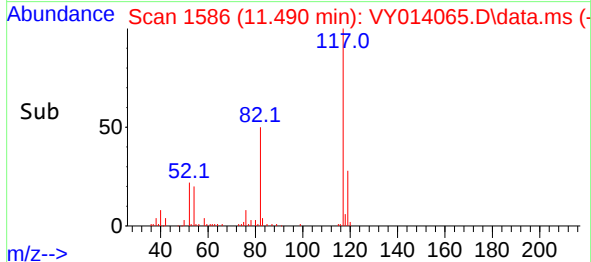
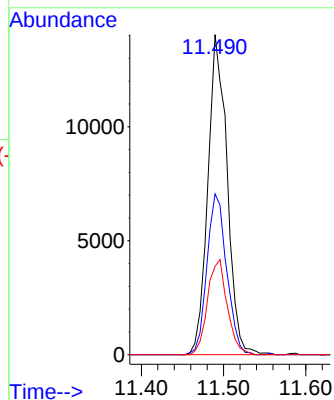
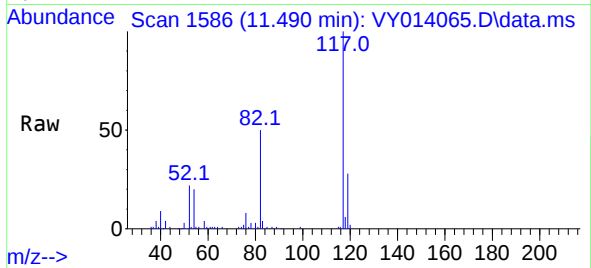




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014065.D
Acq: 07 Jun 2023 17:15

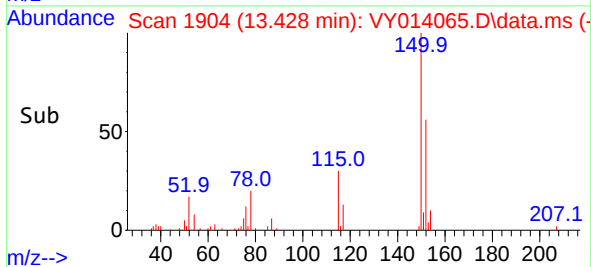
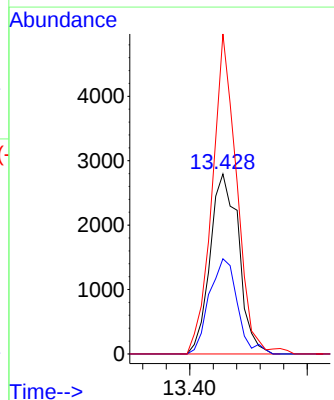
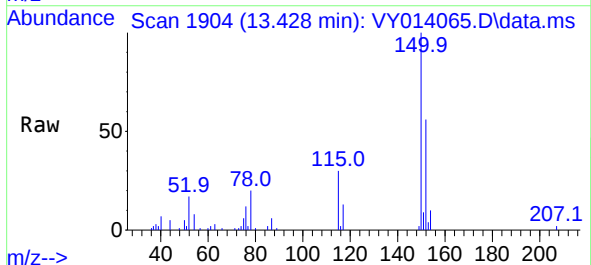
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-5-7.0

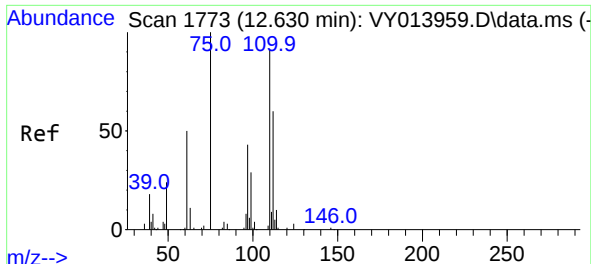
Tgt Ion:	117	Resp:	22842
Ion	Ratio	Lower	Upper
117	100		
82	50.2	43.4	65.0
119	27.6	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY014065.D
Acq: 07 Jun 2023 17:15

Tgt Ion:	152	Resp:	4718
Ion	Ratio	Lower	Upper
152	100		
115	52.1	28.8	86.5
150	152.8	0.0	348.8

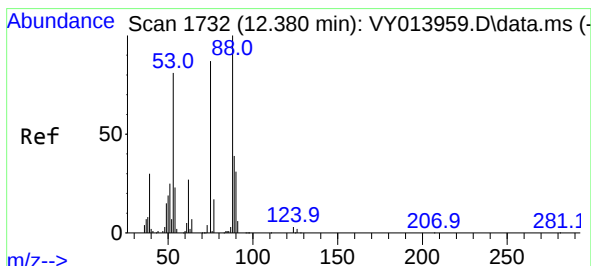
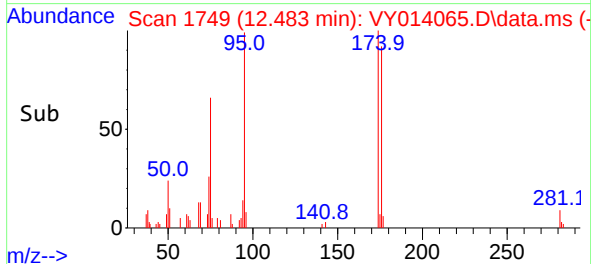
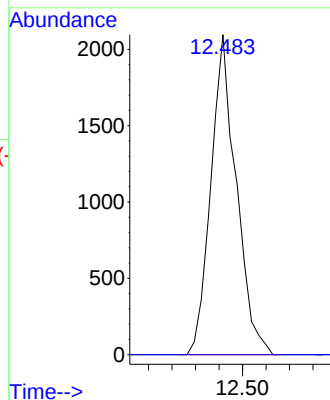
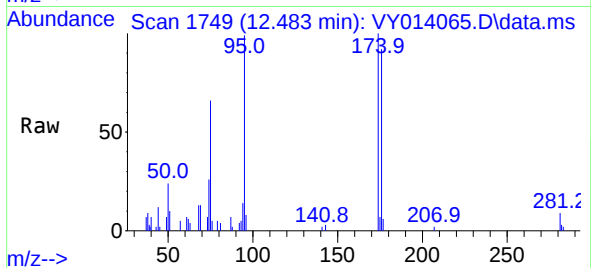




#76
1,2,3-Trichloropropane
Concen: 49.488 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY014065.D
Acq: 07 Jun 2023 17:15

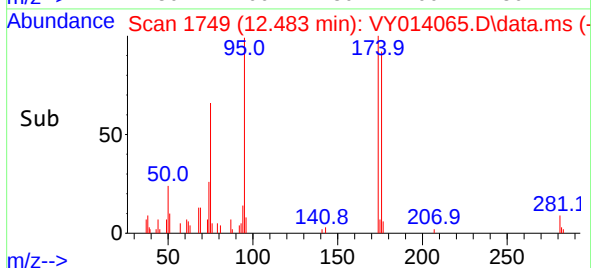
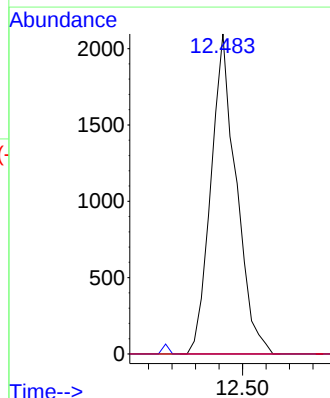
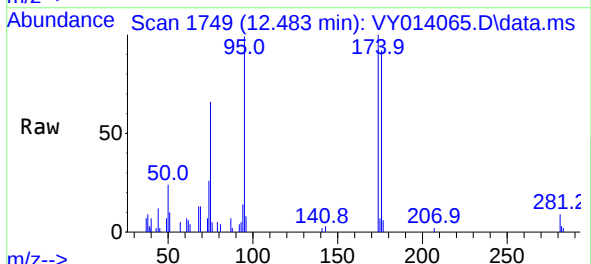
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-5-7.0

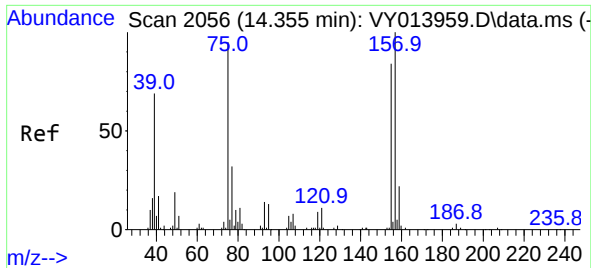
Tgt Ion: 75 Resp: 3142
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 104.990 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY014065.D
Acq: 07 Jun 2023 17:15

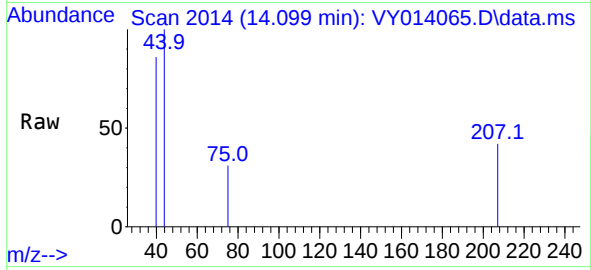
Tgt Ion: 75 Resp: 3142
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#





#92
1,2-Dibromo-3-Chloropropane
Concen: 1.975 ug/l
RT: 14.099 min Scan# 20
Delta R.T. -0.256 min
Lab File: VY014065.D
Acq: 07 Jun 2023 17:15

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-5-7.0



Tgt Ion:	75	Resp:	31
Ion	Ratio	Lower	Upper
75	100		
155	0.0	41.5	124.6#
157	0.0	51.8	155.5#

