

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
 Data File : VY014061.D
 Acq On : 07 Jun 2023 15:42
 Operator : KP/MD
 Sample : 03044-12
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-07-5.0-7.0

Quant Time: Jun 08 02:33:40 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)

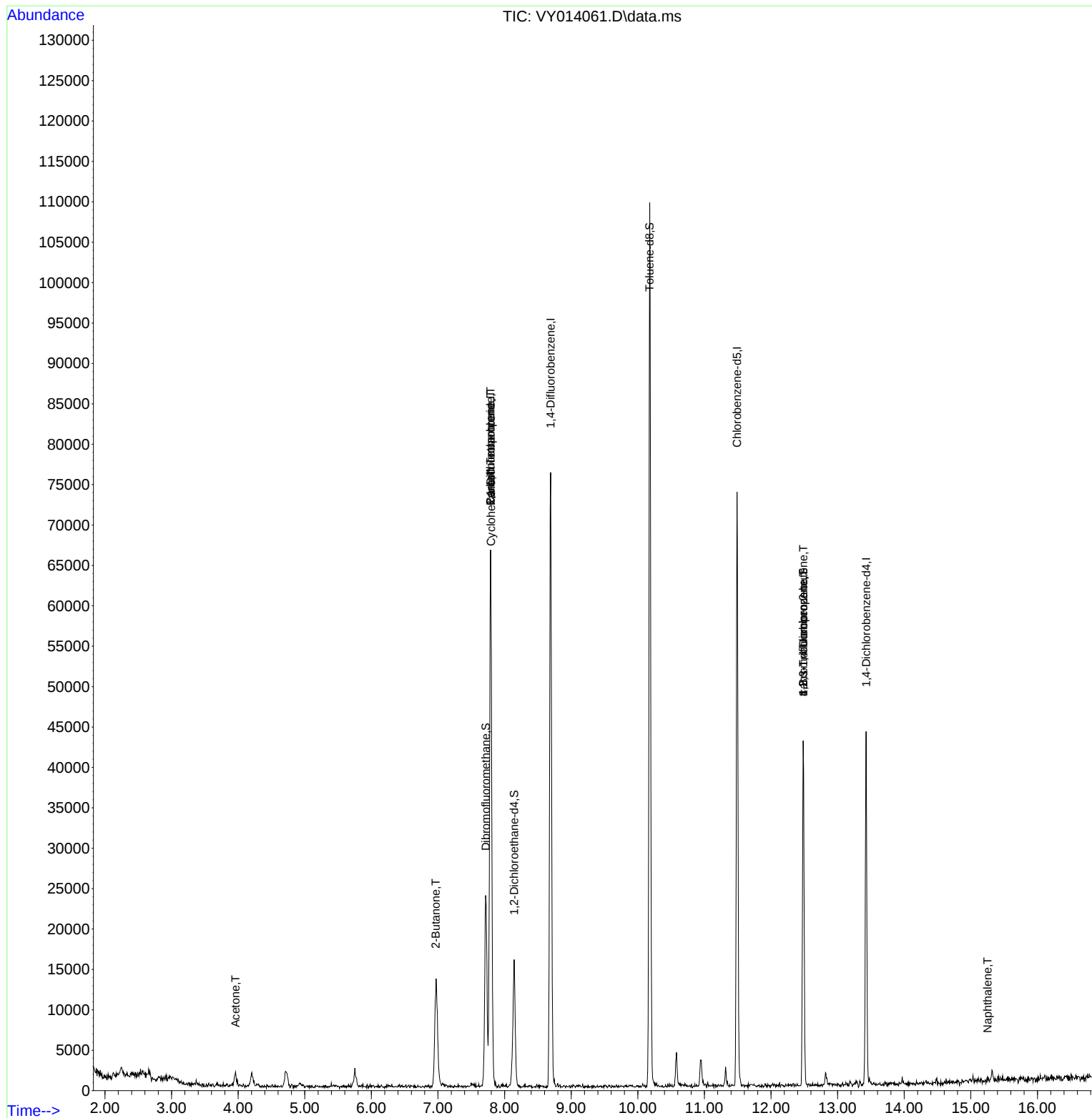
Internal Standards						
1) Pentafluorobenzene	7.789	168	51490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	63265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	40742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	11401	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	12518	18.365	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	36.740%#
35) Dibromofluoromethane	7.716	113	16712	41.566	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.140%
50) Toluene-d8	10.179	98	71446	46.587	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.180%
62) 4-Bromofluorobenzene	12.483	95	11692	22.363	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	44.720%
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	2765	11.857	ug/l	99
20) Methylene Chloride	4.704	84	536	Below Cal	#	66
25) 2-Butanone	6.966	43	564	1.941	ug/l	95
31) Cyclohexane	7.795	56	1246	1.518	ug/l #	31
36) 1,1-Dichloropropene	7.789	75	4073	7.111	ug/l #	49
38) Carbon Tetrachloride	7.789	117	5180	8.070	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	6151	40.092	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	6151	85.055	ug/l #	10
95) Naphthalene	15.251	128	101	4.056	ug/l #	69

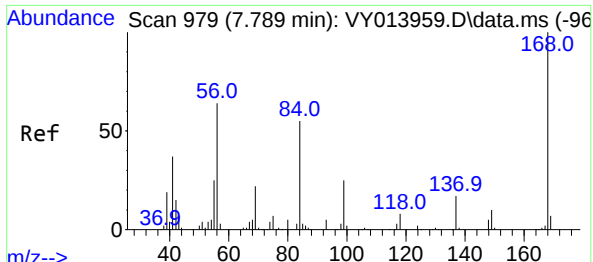
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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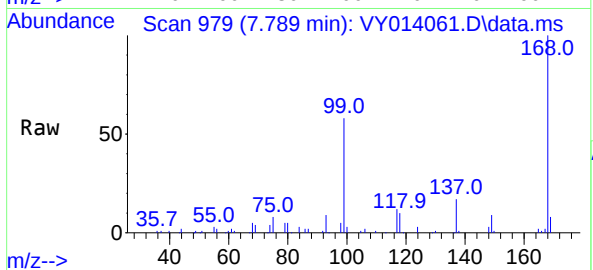
Quant Time: Jun 08 02:33:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
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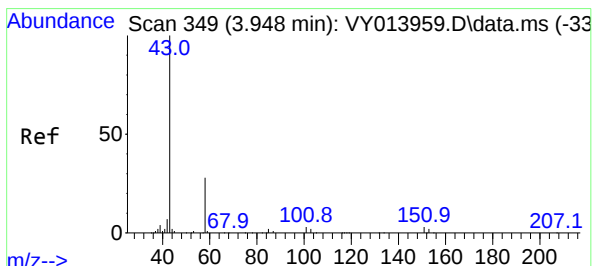
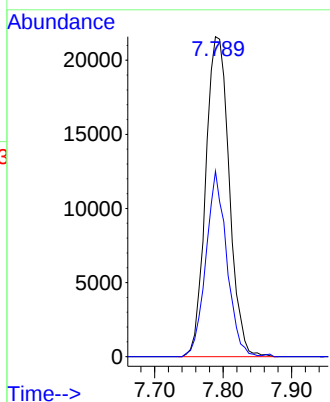
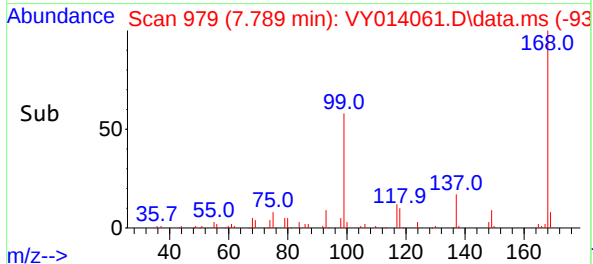


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014061.D
Acq: 07 Jun 2023 15:42

Instrument :
MSVOA_Y
ClientSampleId :
SB-07-5.0-7.0

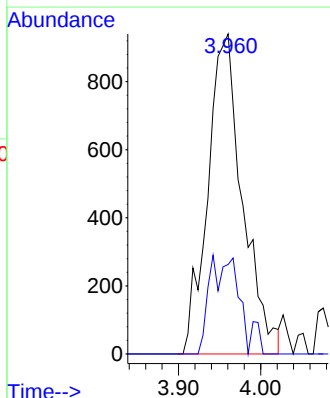
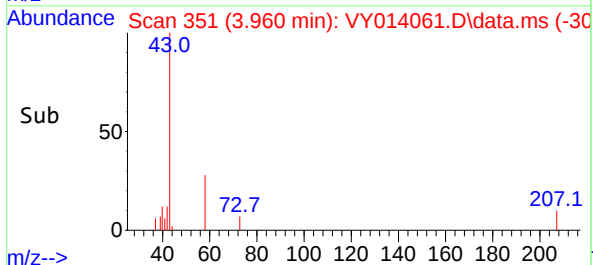
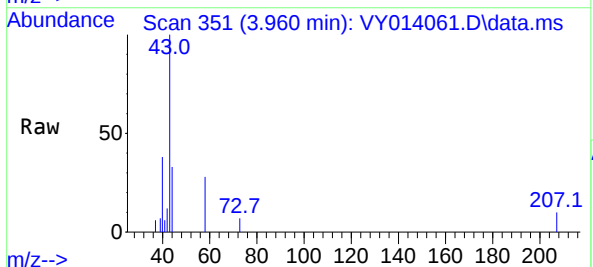


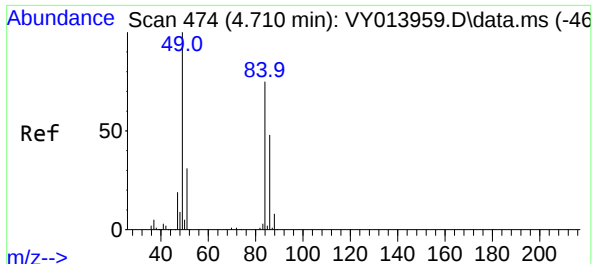
Tgt Ion:168 Resp: 51490
Ion Ratio Lower Upper
168 100
99 57.9 43.4 65.0



#16
Acetone
Concen: 11.857 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY014061.D
Acq: 07 Jun 2023 15:42

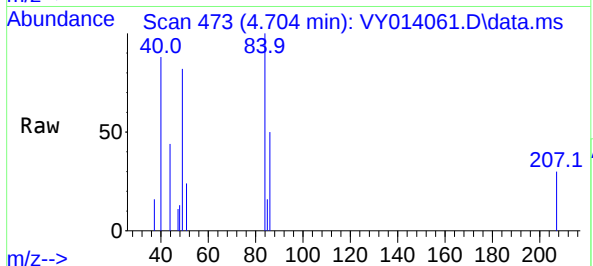
Tgt Ion: 43 Resp: 2765
Ion Ratio Lower Upper
43 100
58 28.0 22.7 34.1





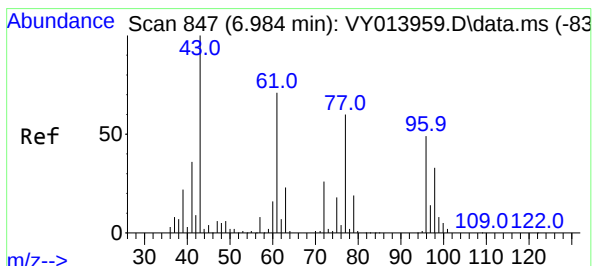
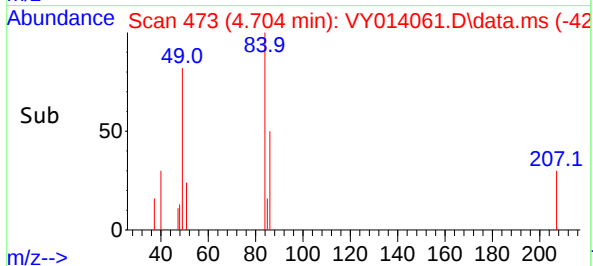
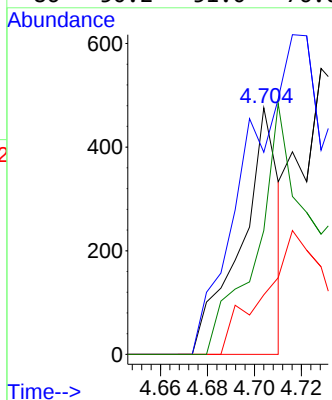
#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY014061.D
Acq: 07 Jun 2023 15:42

Instrument :
MSVOA_Y
ClientSampleId :
SB-07-5.0-7.0



Tgt Ion: 84 Resp: 536

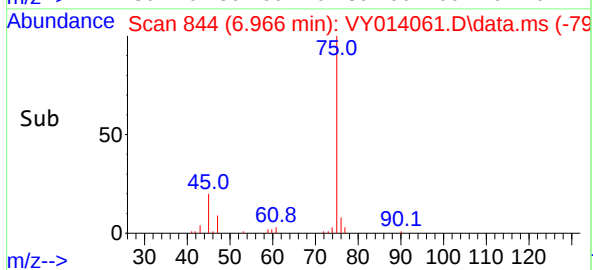
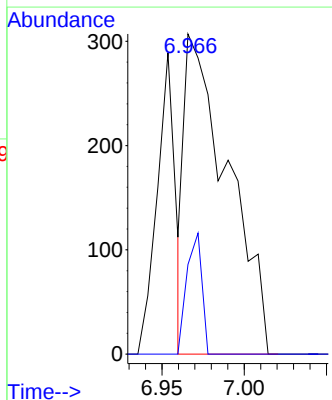
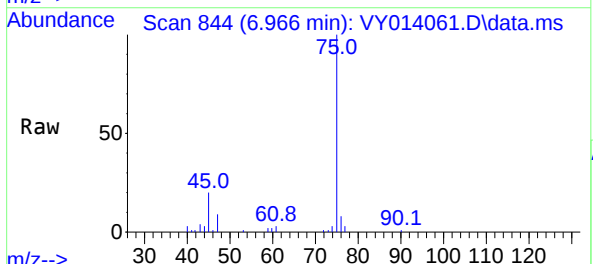
Ion	Ratio	Lower	Upper
84	100		
49	81.9	106.9	160.3#
51	24.2	33.2	49.8#
86	50.2	51.0	76.6#

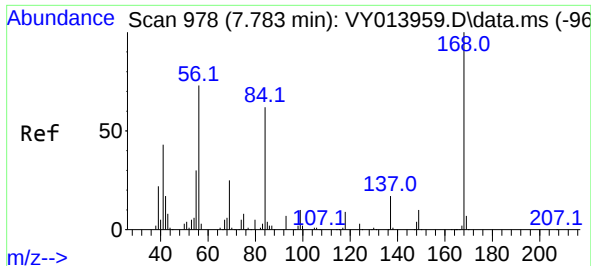


#25
2-Butanone
Concen: 1.941 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.019 min
Lab File: VY014061.D
Acq: 07 Jun 2023 15:42

Tgt Ion: 43 Resp: 564

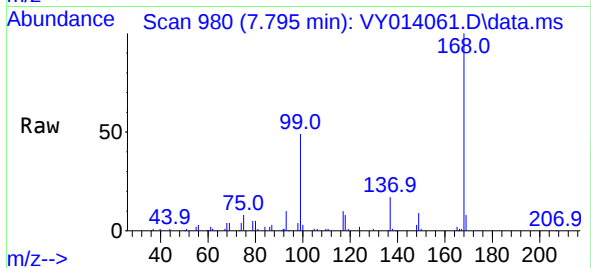
Ion	Ratio	Lower	Upper
43	100		
72	28.0	20.5	30.7



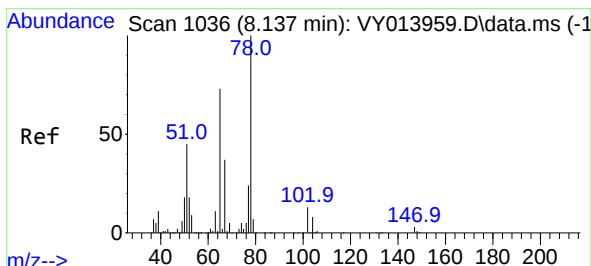
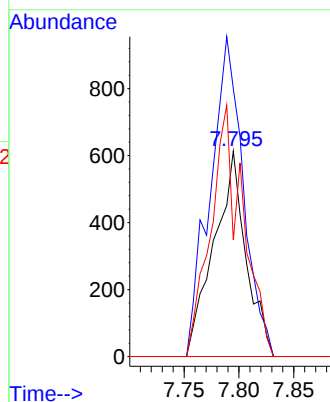
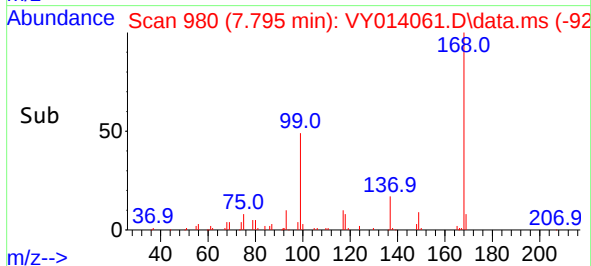


#31
Cyclohexane
Concen: 1.518 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014061.D
Acq: 07 Jun 2023 15:42

Instrument :
MSVOA_Y
ClientSampleId :
SB-07-5.0-7.0

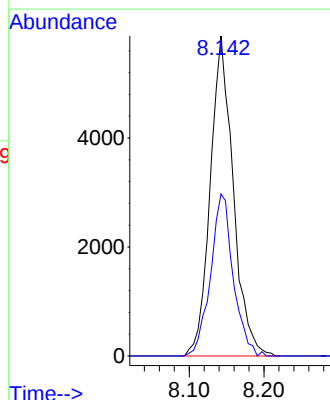
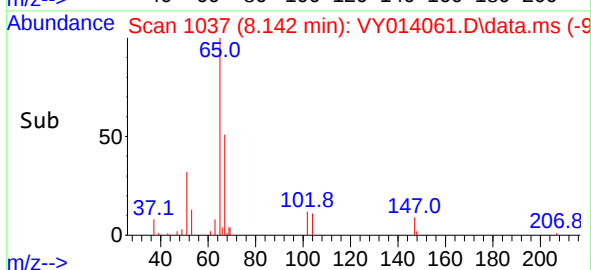
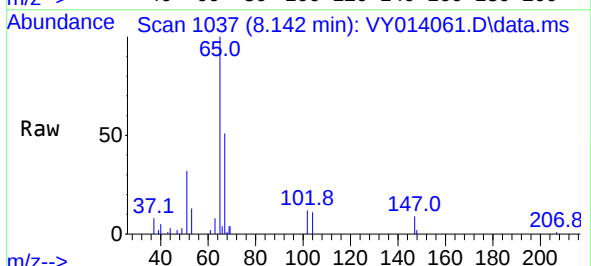


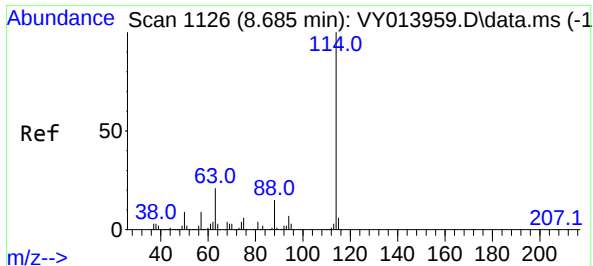
Tgt Ion: 56 Resp: 1246
Ion Ratio Lower Upper
56 100
69 130.3 27.8 41.6#
84 56.7 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 18.365 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014061.D
Acq: 07 Jun 2023 15:42

Tgt Ion: 65 Resp: 12518
Ion Ratio Lower Upper
65 100
67 50.0 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: VY014061.D

Acq: 07 Jun 2023 15:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-07-5.0-7.0

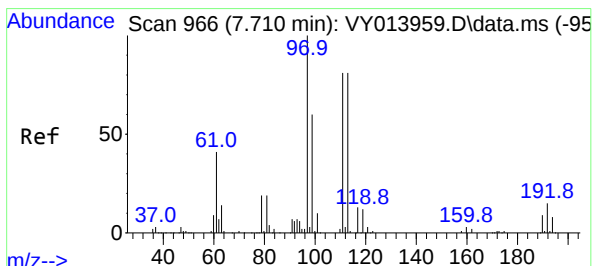
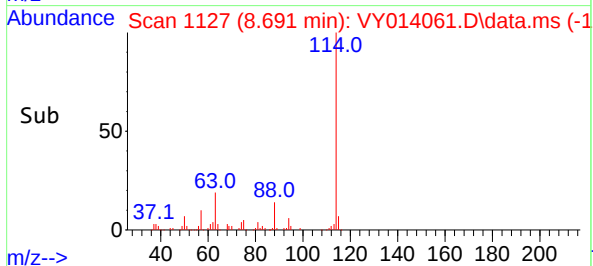
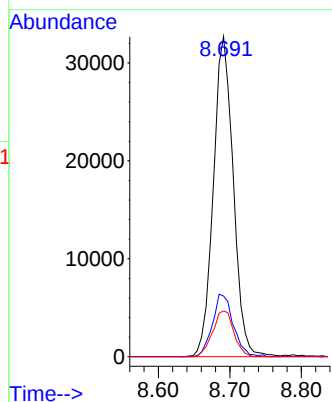
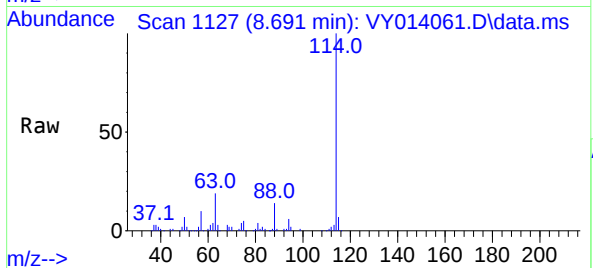
Tgt Ion:114 Resp: 63265

Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 14.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 41.566 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY014061.D

Acq: 07 Jun 2023 15:42

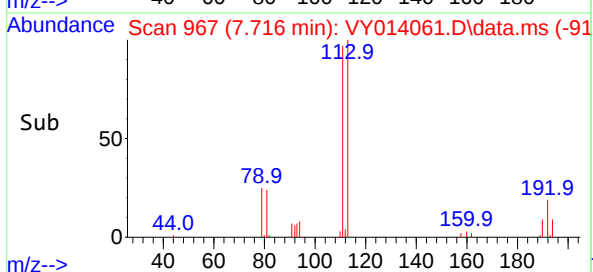
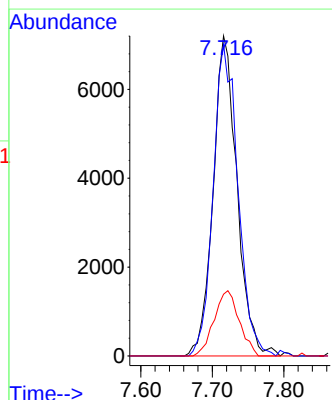
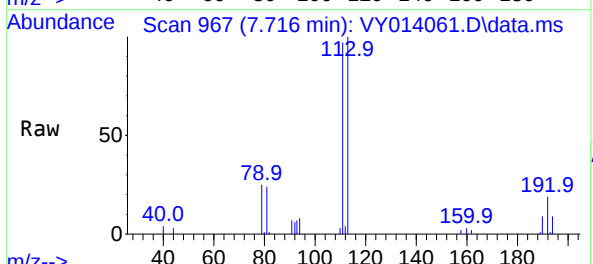
Tgt Ion:113 Resp: 16712

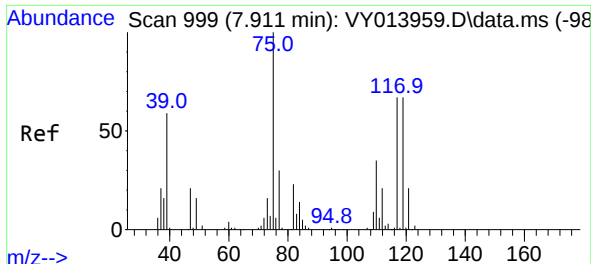
Ion Ratio Lower Upper

113 100

111 100.9 81.3 121.9

192 21.4 16.9 25.3

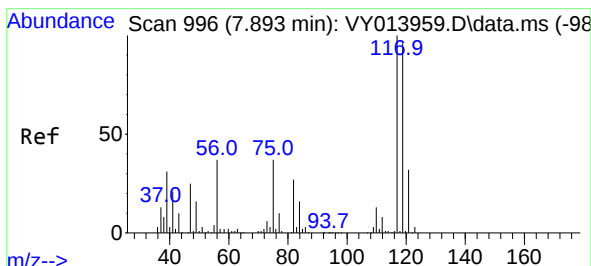
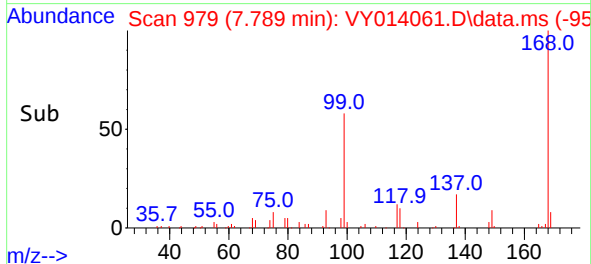
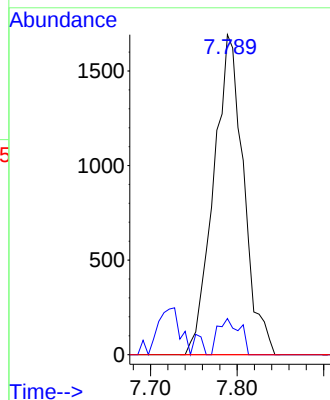
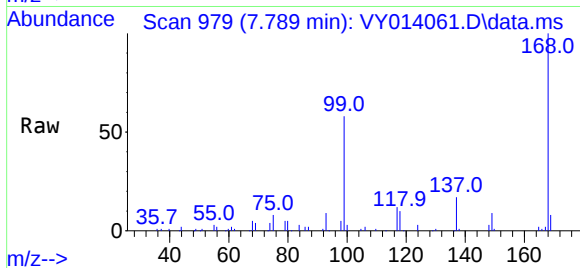




#36
1,1-Dichloropropene
Concen: 7.111 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY014061.D
Acq: 07 Jun 2023 15:42

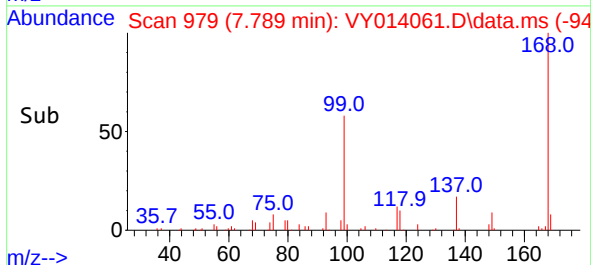
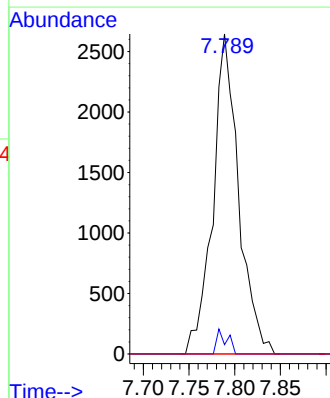
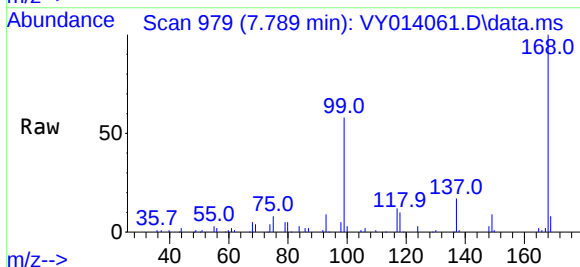
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-5.0-7.0

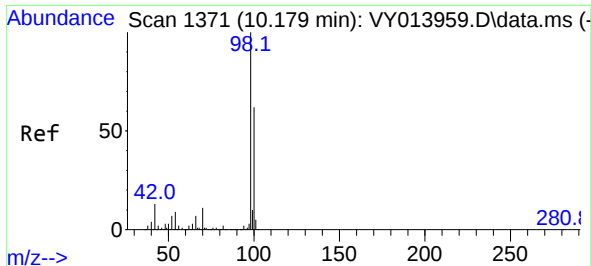
Tgt Ion: 75 Resp: 4073
Ion Ratio Lower Upper
75 100
110 8.2 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 8.070 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.104 min
Lab File: VY014061.D
Acq: 07 Jun 2023 15:42

Tgt Ion: 117 Resp: 5180
Ion Ratio Lower Upper
117 100
119 2.9 76.4 114.6#
121 0.0 25.8 38.6#

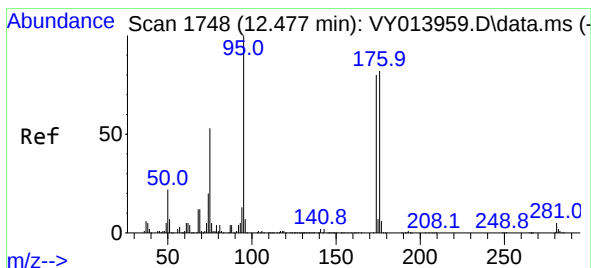
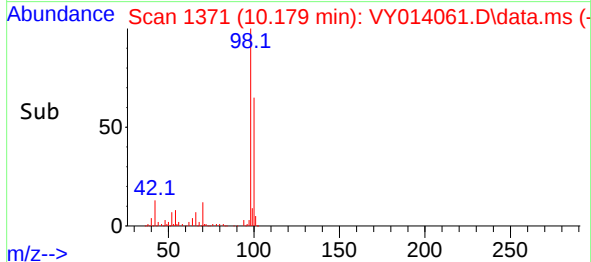
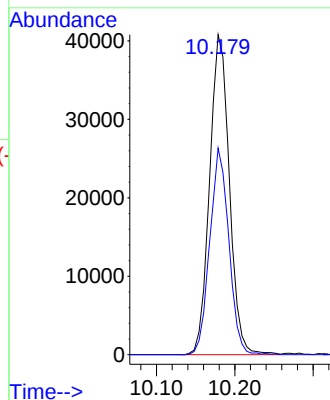
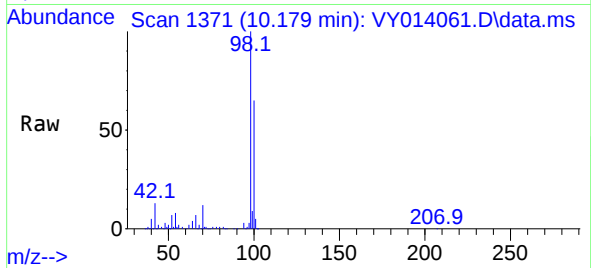




#50
Toluene-d8
Concen: 46.587 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014061.D
Acq: 07 Jun 2023 15:42

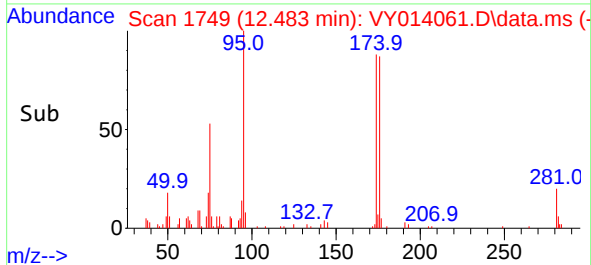
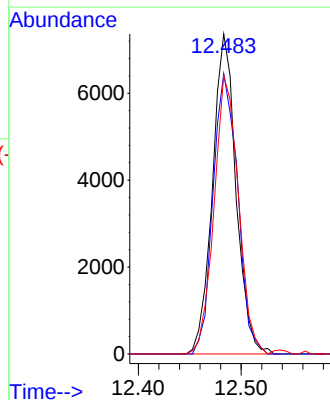
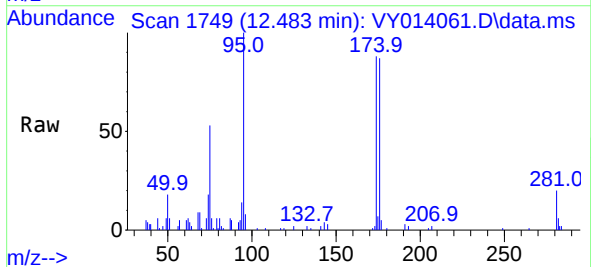
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SB-07-5.0-7.0

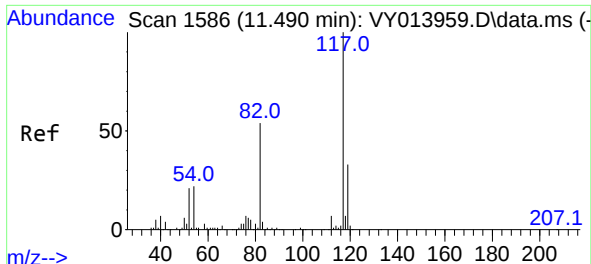
Tgt Ion: 98 Resp: 71446
Ion Ratio Lower Upper
98 100
100 62.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 22.363 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014061.D
Acq: 07 Jun 2023 15:42

Tgt Ion: 95 Resp: 11692
Ion Ratio Lower Upper
95 100
174 91.6 0.0 178.2
176 90.2 0.0 173.8

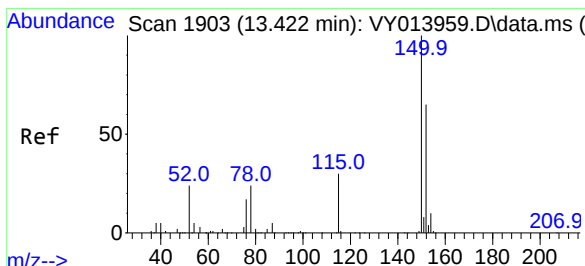
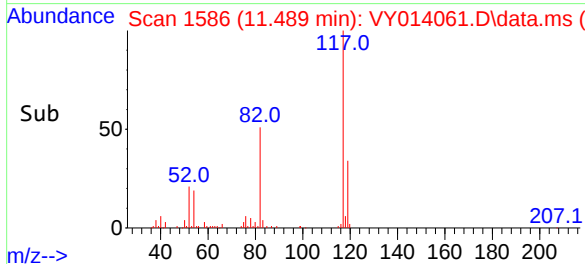
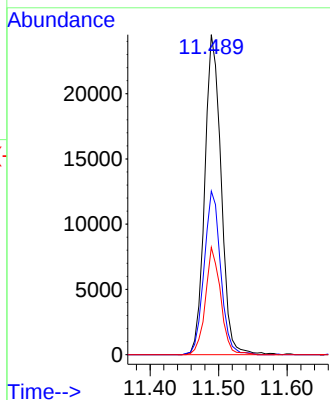
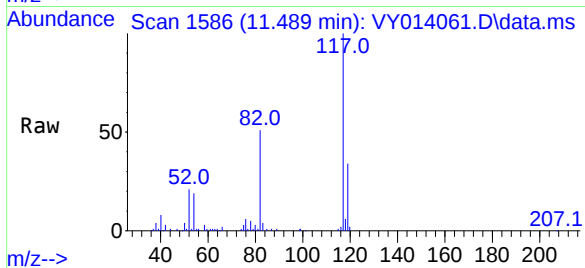




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014061.D
Acq: 07 Jun 2023 15:42

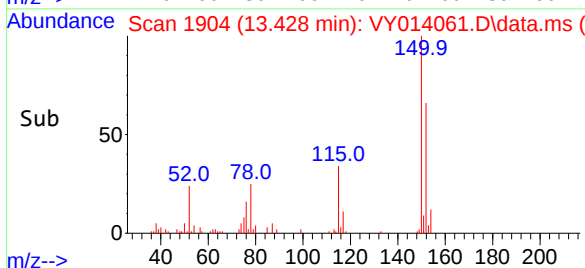
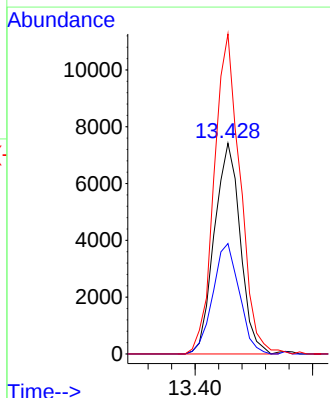
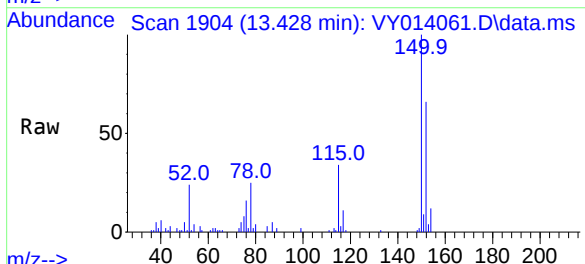
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-5.0-7.0

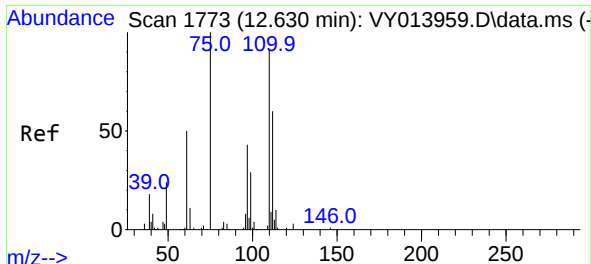
Tgt Ion:	117	Resp:	40742
Ion	Ratio	Lower	Upper
117	100		
82	51.1	43.4	65.0
119	33.6	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY014061.D
Acq: 07 Jun 2023 15:42

Tgt Ion:	152	Resp:	11401
Ion	Ratio	Lower	Upper
152	100		
115	53.5	28.8	86.5
150	152.0	0.0	348.8

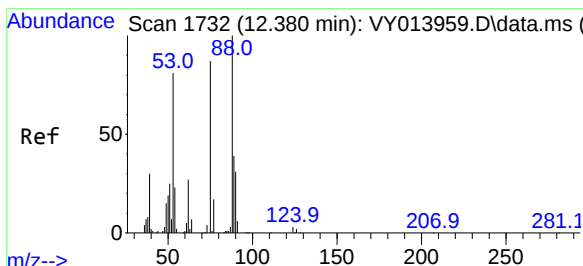
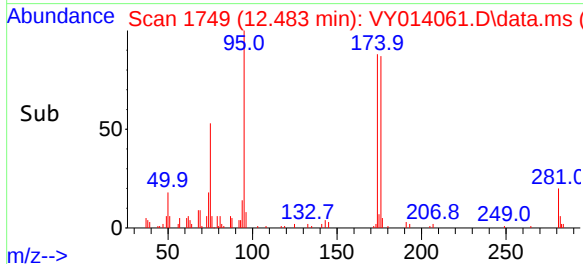
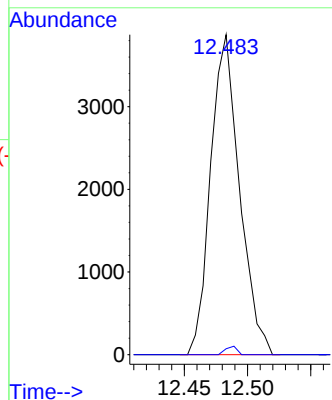
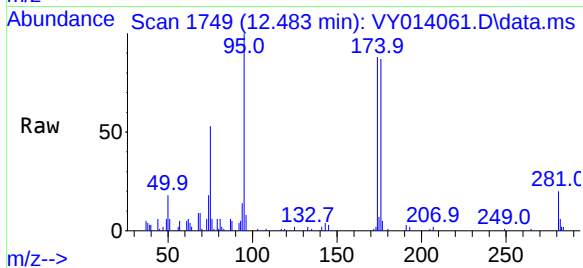




#76
1,2,3-Trichloropropane
Concen: 40.092 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY014061.D
Acq: 07 Jun 2023 15:42

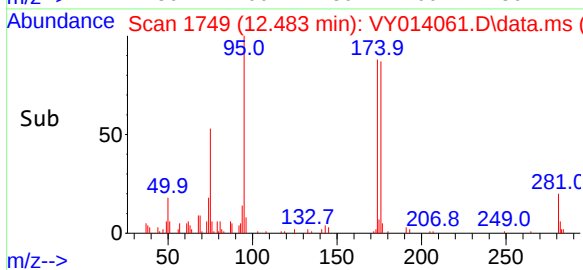
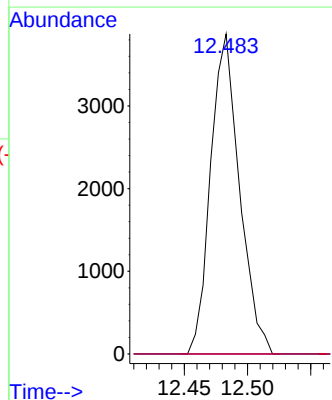
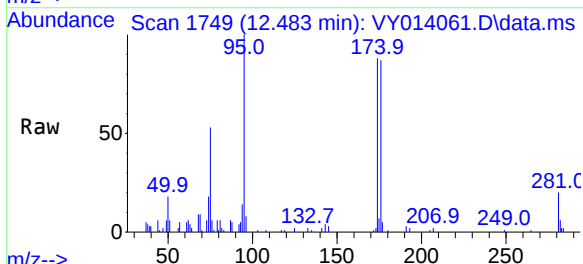
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-5.0-7.0

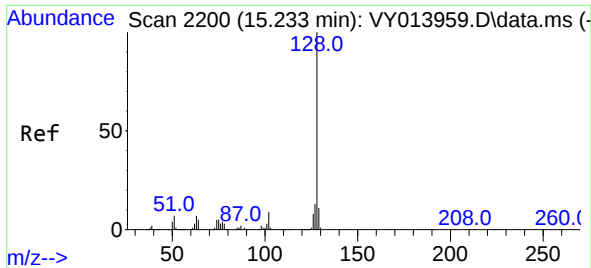
Tgt Ion: 75 Resp: 6151
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.055 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY014061.D
Acq: 07 Jun 2023 15:42

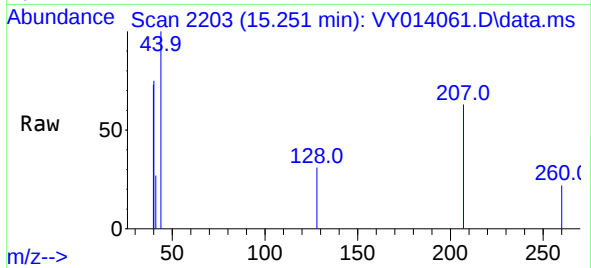
Tgt Ion: 75 Resp: 6151
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#





#95
Naphthalene
Concen: 4.056 ug/l
RT: 15.251 min Scan# 21
Delta R.T. 0.018 min
Lab File: VY014061.D
Acq: 07 Jun 2023 15:42

Instrument :
MSVOA_Y
ClientSampleId :
SB-07-5.0-7.0



Tgt Ion:128 Resp: 101
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

