

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052523\
 Data File : VY013878.D
 Acq On : 25 May 2023 17:10
 Operator : KP/MD
 Sample : 02908-02
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB10B

Quant Time: May 26 04:34:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

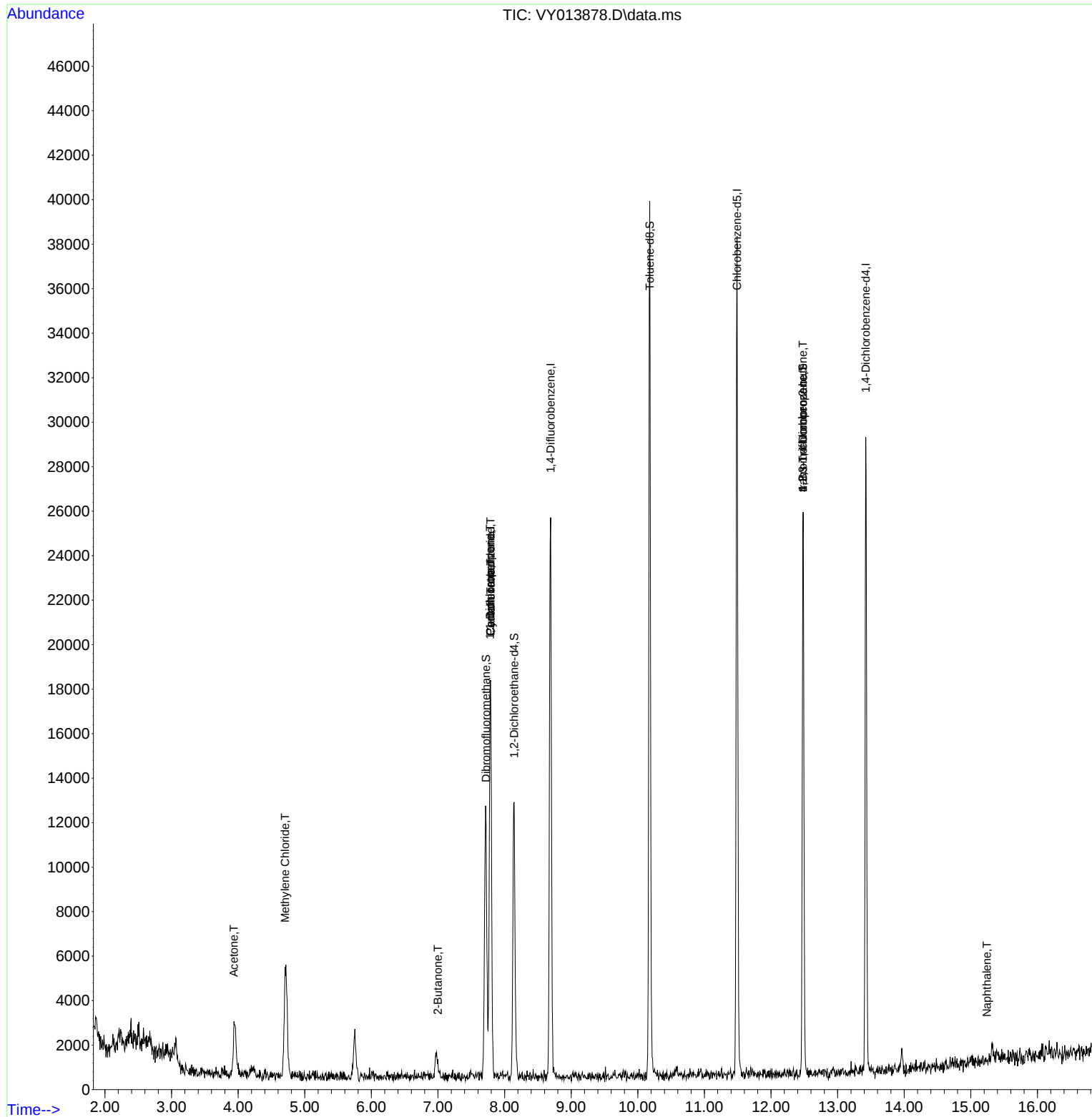
Internal Standards						
1) Pentafluorobenzene	7.789	168	14487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	22024	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	20267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	7740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	10591	63.192	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.380%	
35) Dibromofluoromethane	7.722	113	8523	59.923	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.840%	
50) Toluene-d8	10.179	98	26693	49.379	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.760%	
62) 4-Bromofluorobenzene	12.477	95	6842	38.077	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 76.160%	
Target Compounds						Qvalue
16) Acetone	3.936	43	4783	96.153	ug/l	93
20) Methylene Chloride	4.704	84	3669	19.240	ug/l	83
25) 2-Butanone	6.996	43	180	2.965	ug/l #	34
31) Cyclohexane	7.789	56	263	1.021	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	1064	4.911	ug/l #	46
38) Carbon Tetrachloride	7.789	117	1616	6.559	ug/l #	13
76) 1,2,3-Trichloropropane	12.477	75	3918	42.930	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	3918	93.187	ug/l #	10
95) Naphthalene	15.239	128	18	4.598	ug/l #	68

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

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MSVOA_Y
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Quant Time: May 26 04:34:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
Response via : Initial Calibration

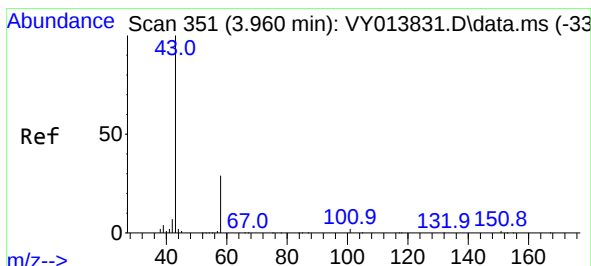
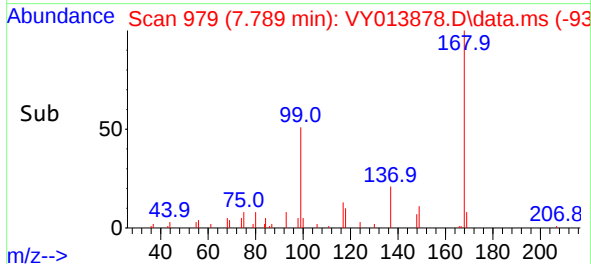
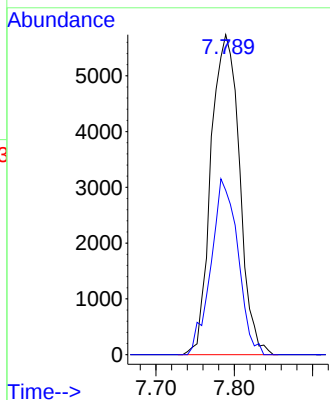
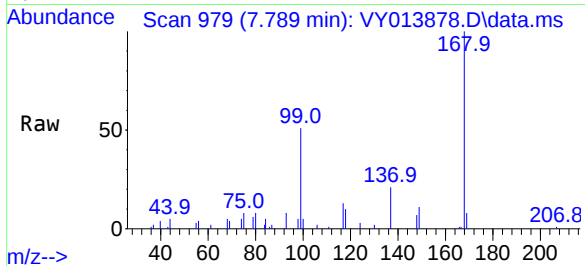




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013878.D
Acq: 25 May 2023 17:10

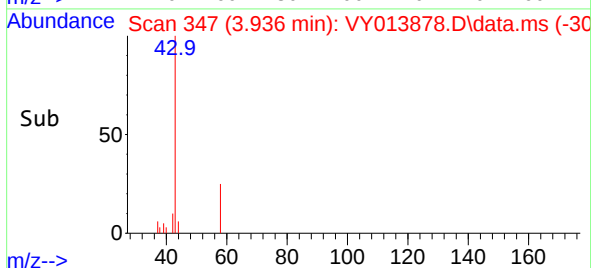
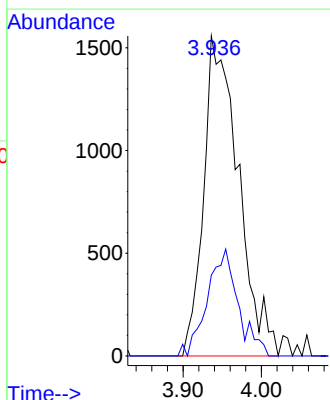
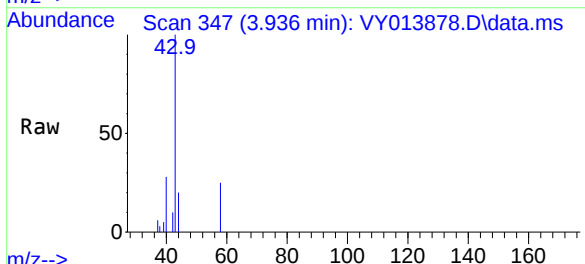
Instrument :
MSVOA_Y
ClientSampleId :
SB10B

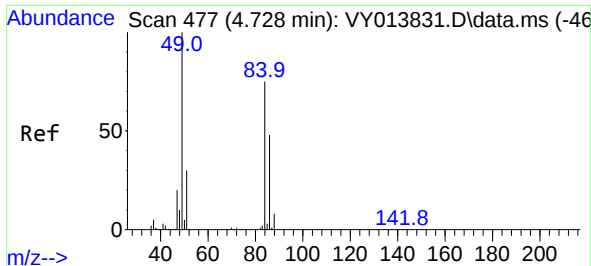
Tgt Ion:168 Resp: 14487
Ion Ratio Lower Upper
168 100
99 51.4 43.4 65.2



#16
Acetone
Concen: 96.153 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.024 min
Lab File: VY013878.D
Acq: 25 May 2023 17:10

Tgt Ion: 43 Resp: 4783
Ion Ratio Lower Upper
43 100
58 25.2 23.3 34.9



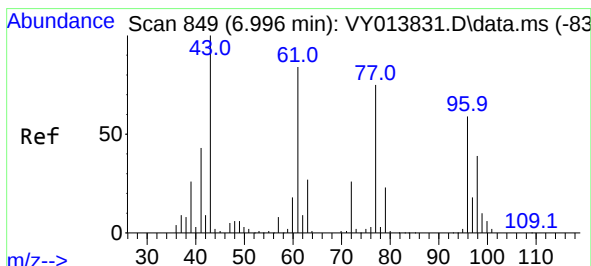
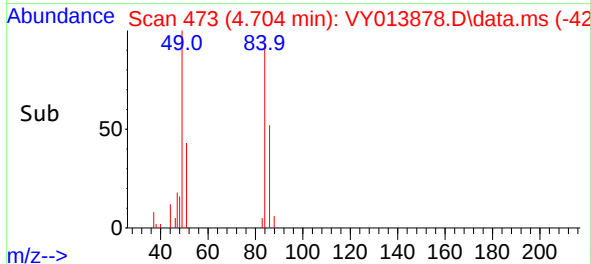
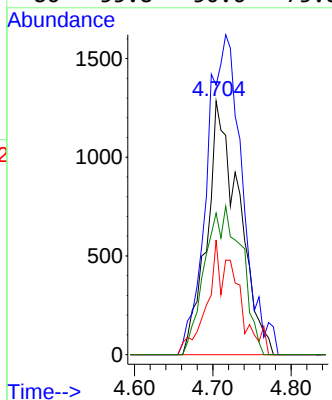
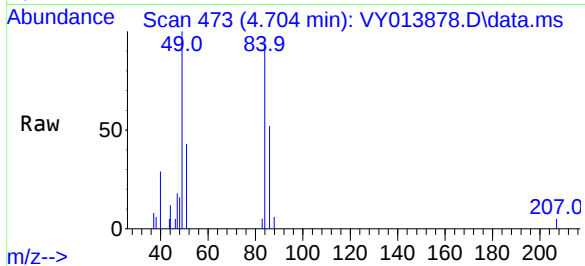


#20
Methylene Chloride
Concen: 19.240 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.024 min
Lab File: VY013878.D
Acq: 25 May 2023 17:10

Instrument :
MSVOA_Y
ClientSampleId :
SB10B

Tgt Ion: 84 Resp: 3669

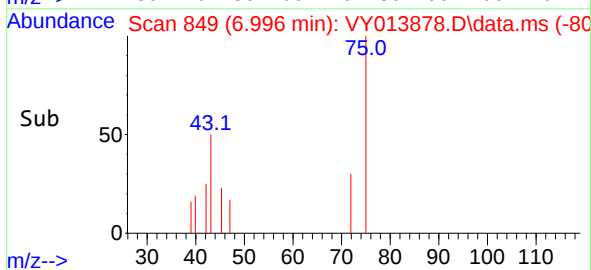
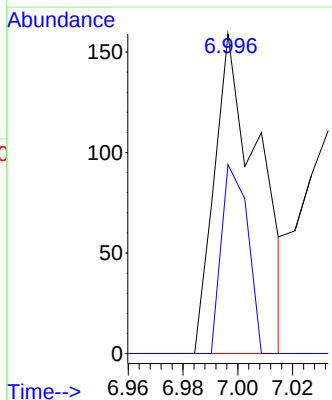
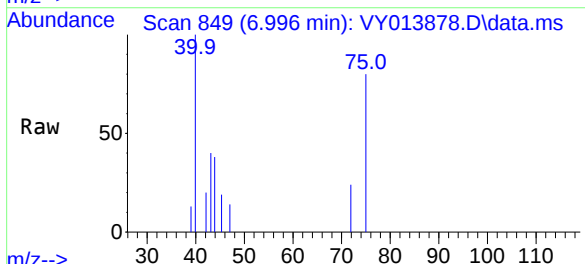
Ion	Ratio	Lower	Upper
84	100		
49	106.3	106.2	159.2
51	45.2	31.4	47.0
86	55.8	50.6	75.8

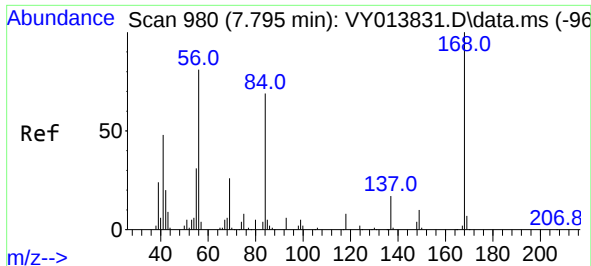


#25
2-Butanone
Concen: 2.965 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY013878.D
Acq: 25 May 2023 17:10

Tgt Ion: 43 Resp: 180

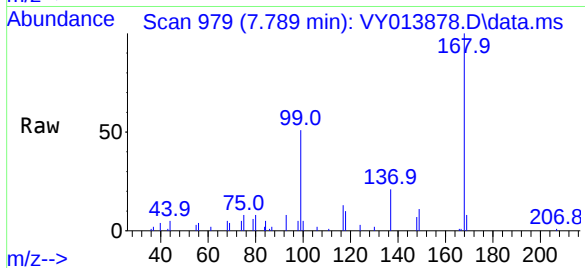
Ion	Ratio	Lower	Upper
43	100		
72	59.1	20.5	30.7#



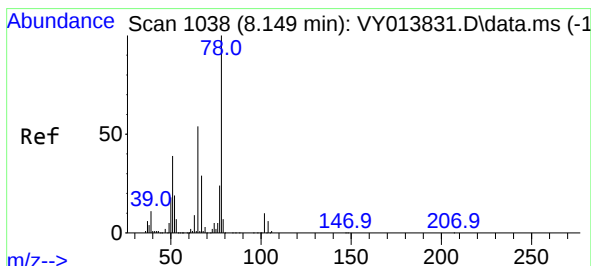
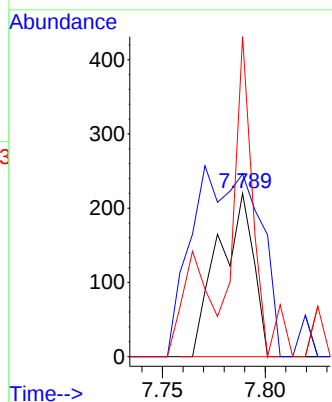
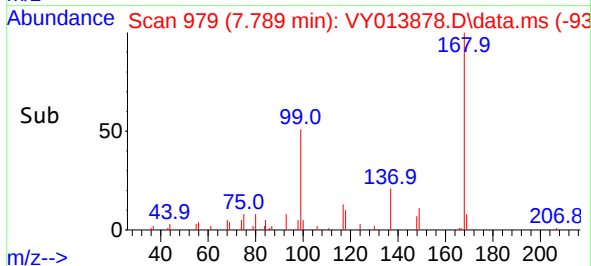


#31
Cyclohexane
Concen: 1.021 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013878.D
Acq: 25 May 2023 17:10

Instrument :
MSVOA_Y
ClientSampleId :
SB10B

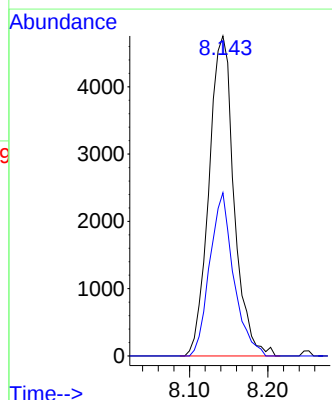
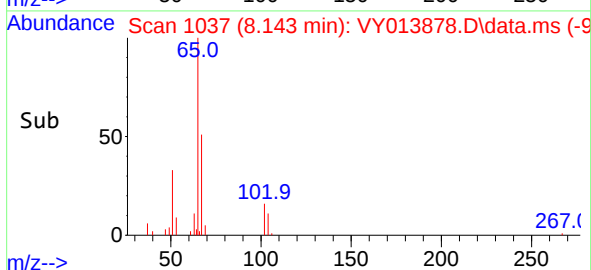
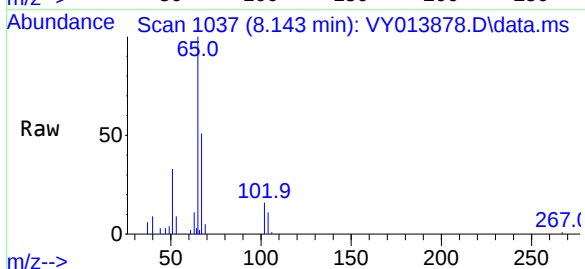


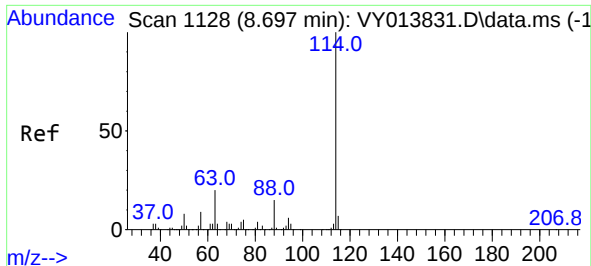
Tgt Ion: 56 Resp: 263
Ion Ratio Lower Upper
56 100
69 111.8 25.8 38.8#
84 165.9 68.2 102.2#



#33
1,2-Dichloroethane-d4
Concen: 63.192 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY013878.D
Acq: 25 May 2023 17:10

Tgt Ion: 65 Resp: 10591
Ion Ratio Lower Upper
65 100
67 48.6 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY013878.D

Acq: 25 May 2023 17:10

Instrument :

MSVOA_Y

ClientSampleId :

SB10B

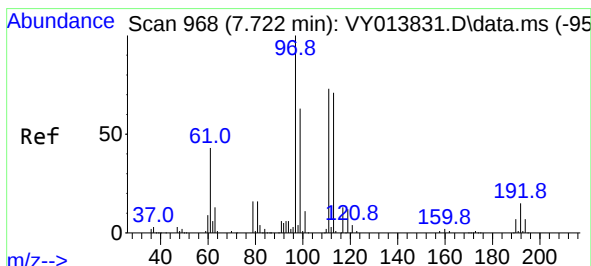
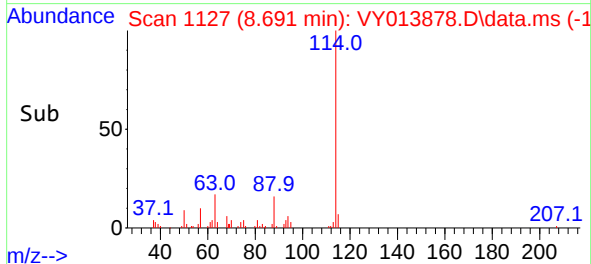
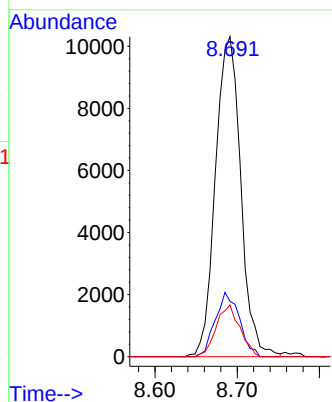
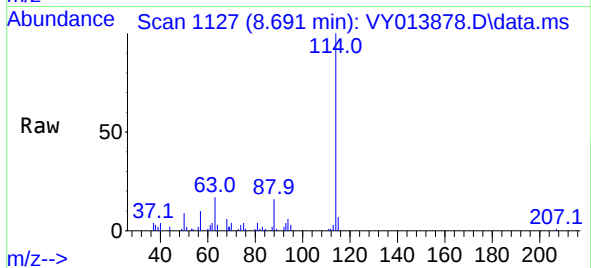
Tgt Ion:114 Resp: 22024

Ion Ratio Lower Upper

114 100

63 17.3 0.0 40.2

88 16.2 0.0 30.0



#35

Dibromofluoromethane

Concen: 59.923 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY013878.D

Acq: 25 May 2023 17:10

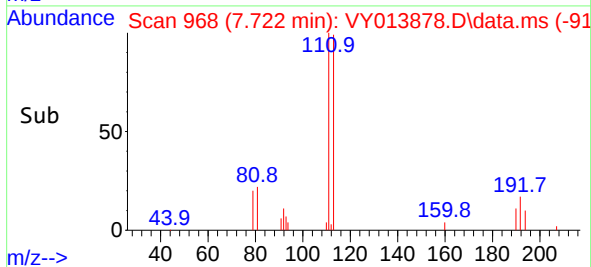
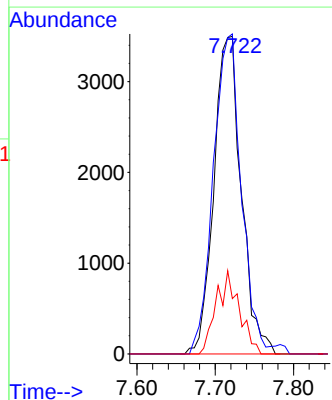
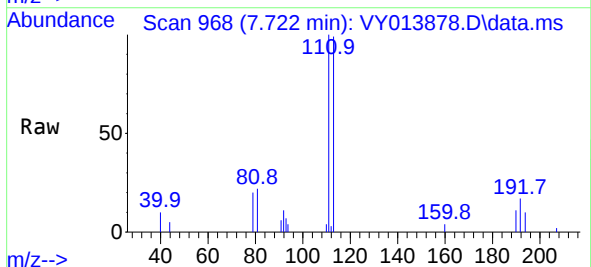
Tgt Ion:113 Resp: 8523

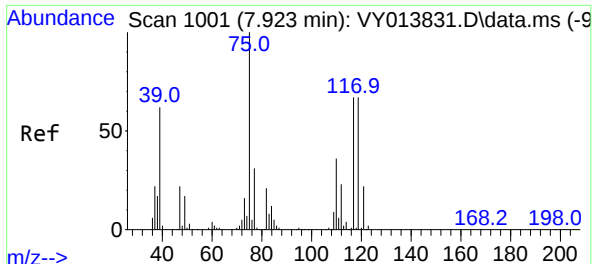
Ion Ratio Lower Upper

113 100

111 102.5 80.4 120.6

192 21.9 16.6 25.0





#36

1,1-Dichloropropene

Concen: 4.911 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.140 min

Lab File: VY013878.D

Acq: 25 May 2023 17:10

Instrument :

MSVOA_Y

ClientSampleId :

SB10B

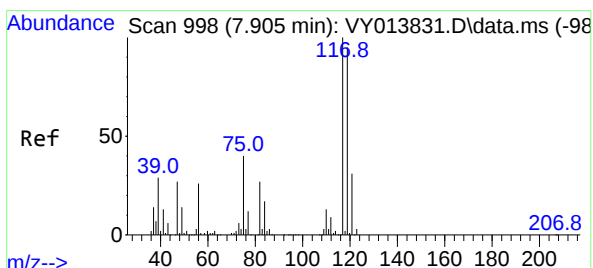
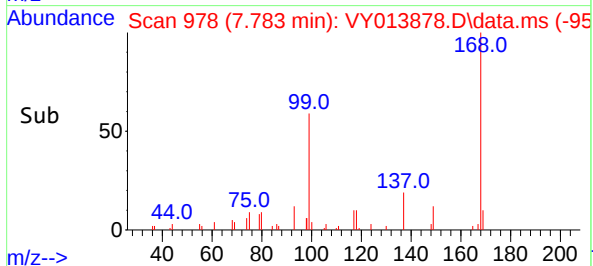
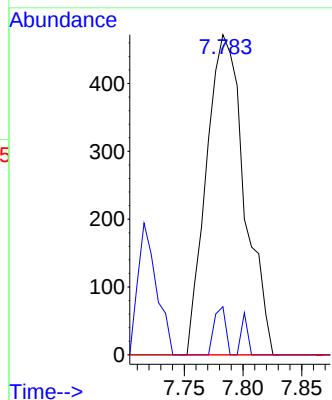
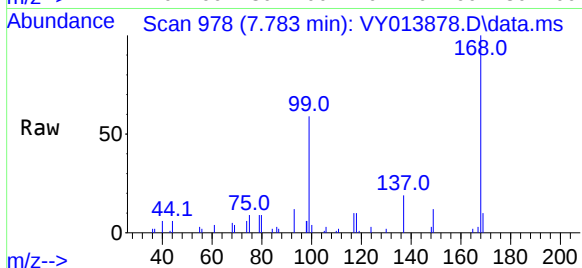
Tgt Ion: 75 Resp: 1064

Ion Ratio Lower Upper

75 100

110 4.5 17.5 52.6#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.559 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY013878.D

Acq: 25 May 2023 17:10

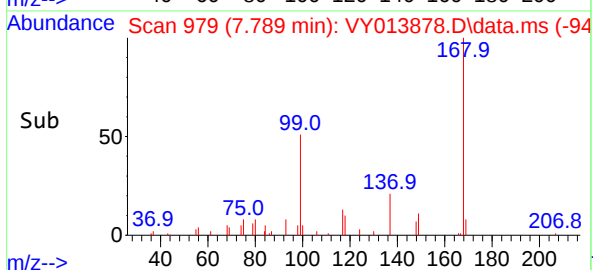
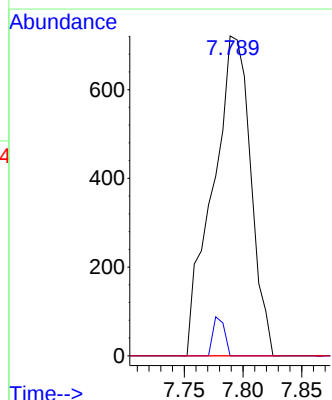
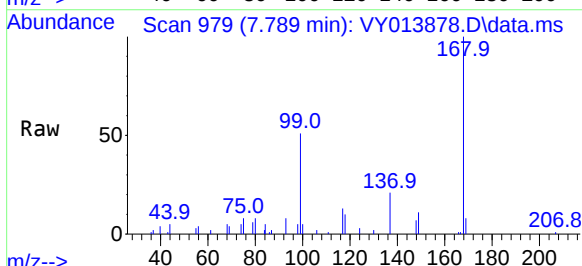
Tgt Ion: 117 Resp: 1616

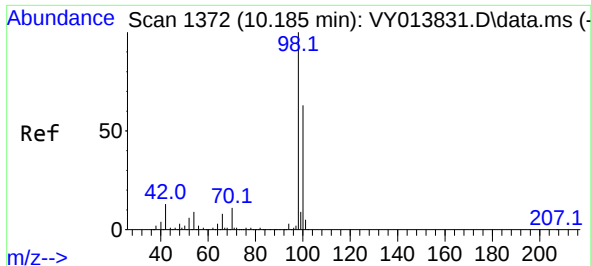
Ion Ratio Lower Upper

117 100

119 0.0 75.6 113.4#

121 0.0 24.8 37.2#

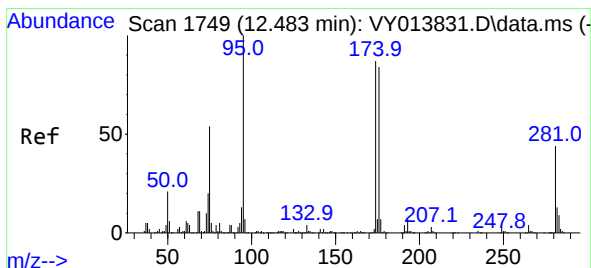
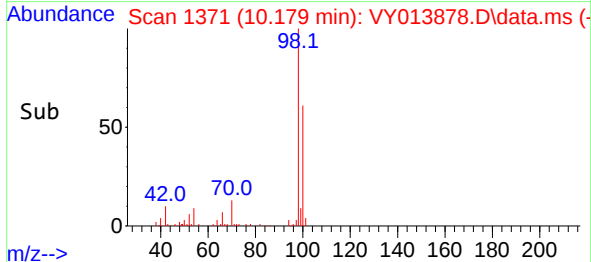
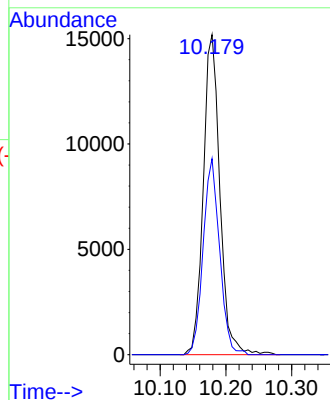
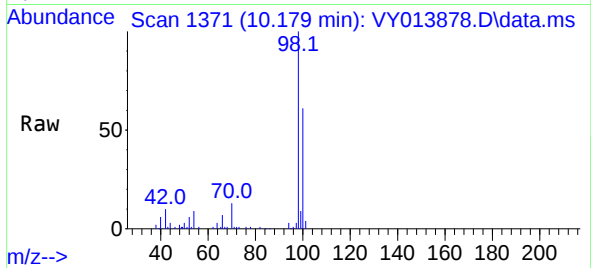




#50
Toluene-d8
Concen: 49.379 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013878.D
Acq: 25 May 2023 17:10

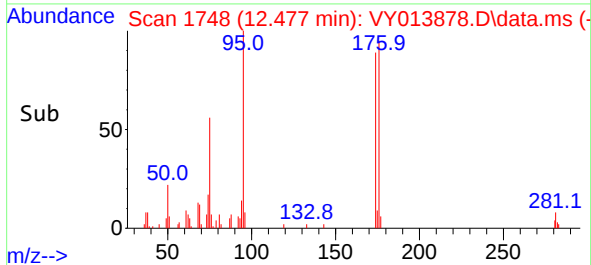
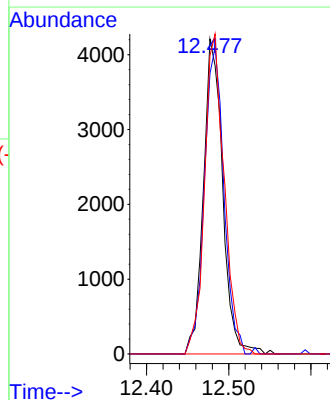
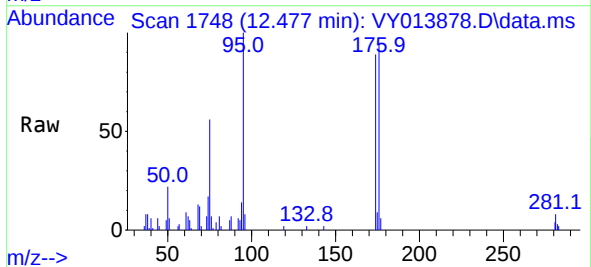
Instrument :
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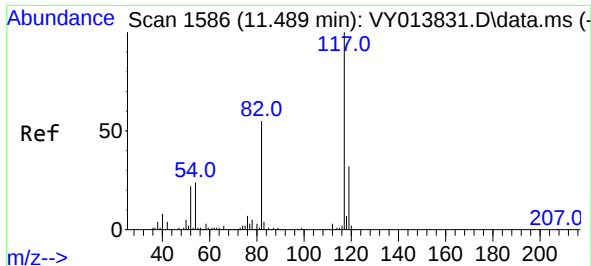
Tgt Ion: 98 Resp: 26693
Ion Ratio Lower Upper
98 100
100 60.6 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 38.077 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013878.D
Acq: 25 May 2023 17:10

Tgt Ion: 95 Resp: 6842
Ion Ratio Lower Upper
95 100
174 99.3 0.0 176.0
176 103.3 0.0 170.2

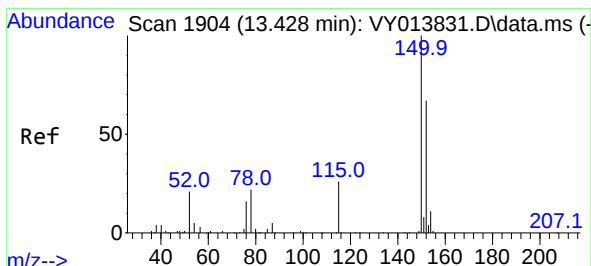
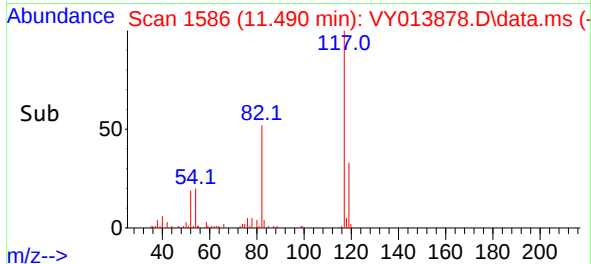
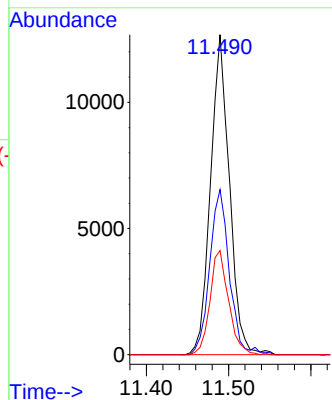
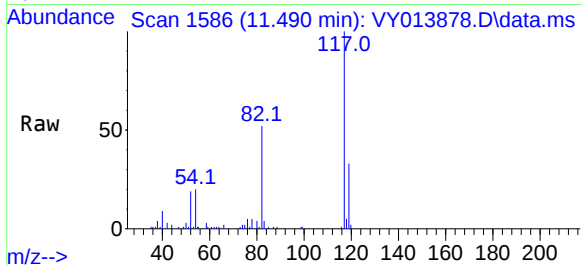




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013878.D
Acq: 25 May 2023 17:10

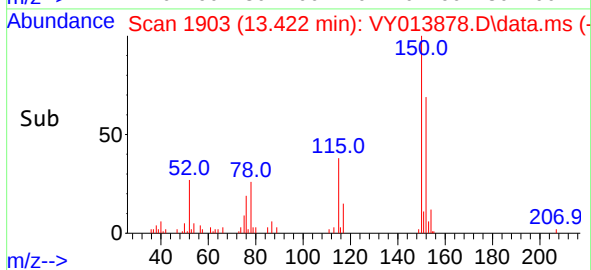
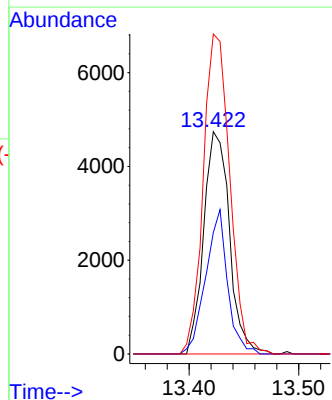
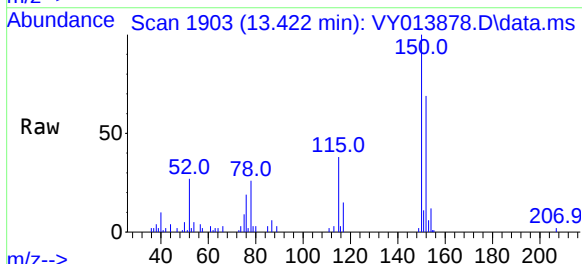
Instrument :
MSVOA_Y
ClientSampleId :
SB10B

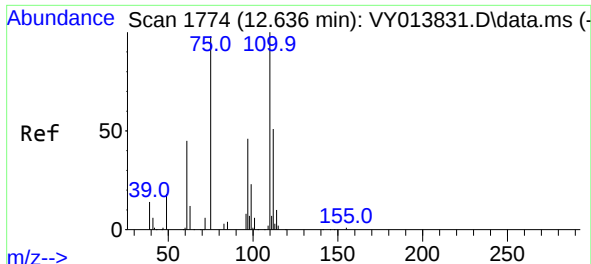
Tgt Ion:	117	Resp:	20267
Ion	Ratio	Lower	Upper
117	100		
82	51.6	44.2	66.4
119	32.6	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013878.D
Acq: 25 May 2023 17:10

Tgt Ion:	152	Resp:	7740
Ion	Ratio	Lower	Upper
152	100		
115	55.0	28.8	86.5
150	148.3	0.0	353.4

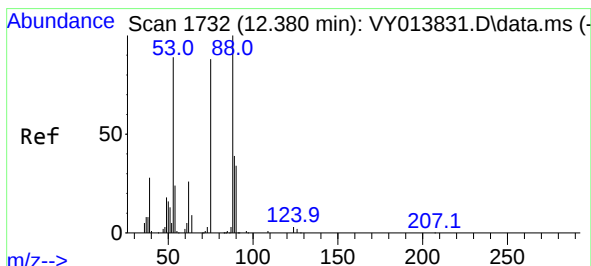
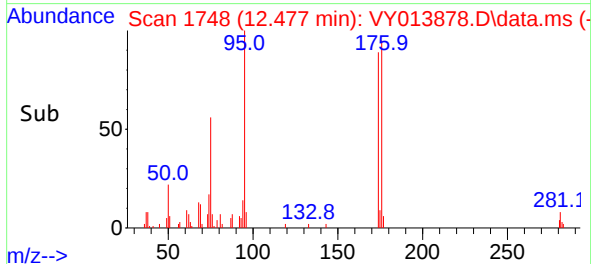
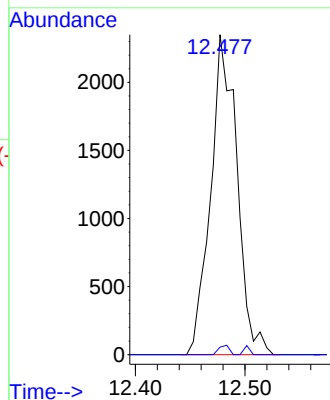
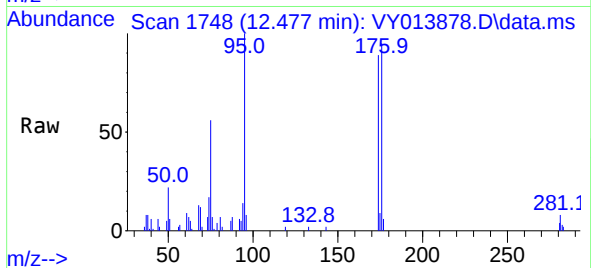




#76
1,2,3-Trichloropropane
Concen: 42.930 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY013878.D
Acq: 25 May 2023 17:10

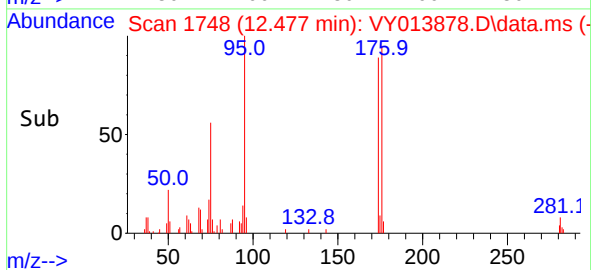
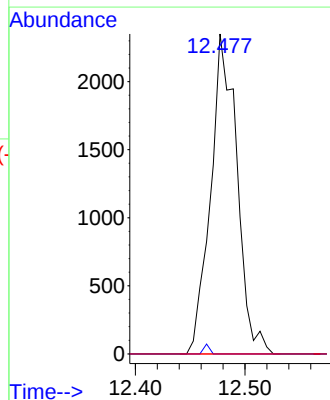
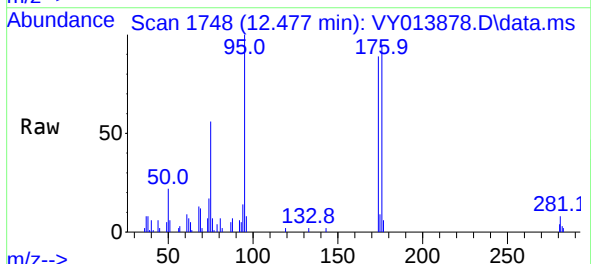
Instrument :
MSVOA_Y
ClientSampleId :
SB10B

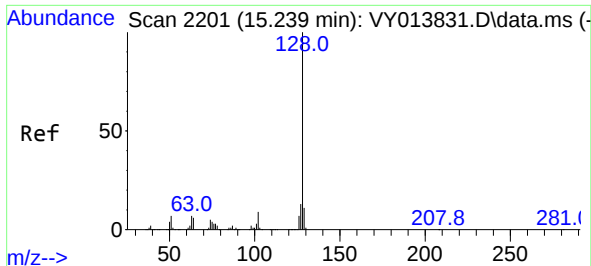
Tgt Ion: 75 Resp: 3918
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.187 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY013878.D
Acq: 25 May 2023 17:10

Tgt Ion: 75 Resp: 3918
Ion Ratio Lower Upper
75 100
53 0.7 79.7 119.5#
89 0.0 36.4 54.6#





#95

Naphthalene

Concen: 4.598 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY013878.D

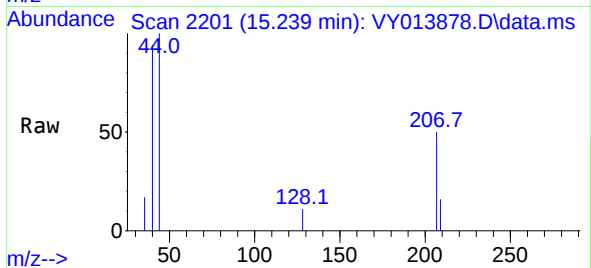
Acq: 25 May 2023 17:10

Instrument :

MSVOA_Y

ClientSampleId :

SB10B



Tgt Ion:128 Resp: 18

Ion Ratio Lower Upper

128 100

127 0.0 10.7 16.1#

129 0.0 9.0 13.4#

