

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040122\
 Data File : VY008160.D
 Acq On : 01 Apr 2022 14:54
 Operator : SY/MD
 Sample : N2220-02
 Misc : 7.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A10095

Quant Time: Apr 02 03:57:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

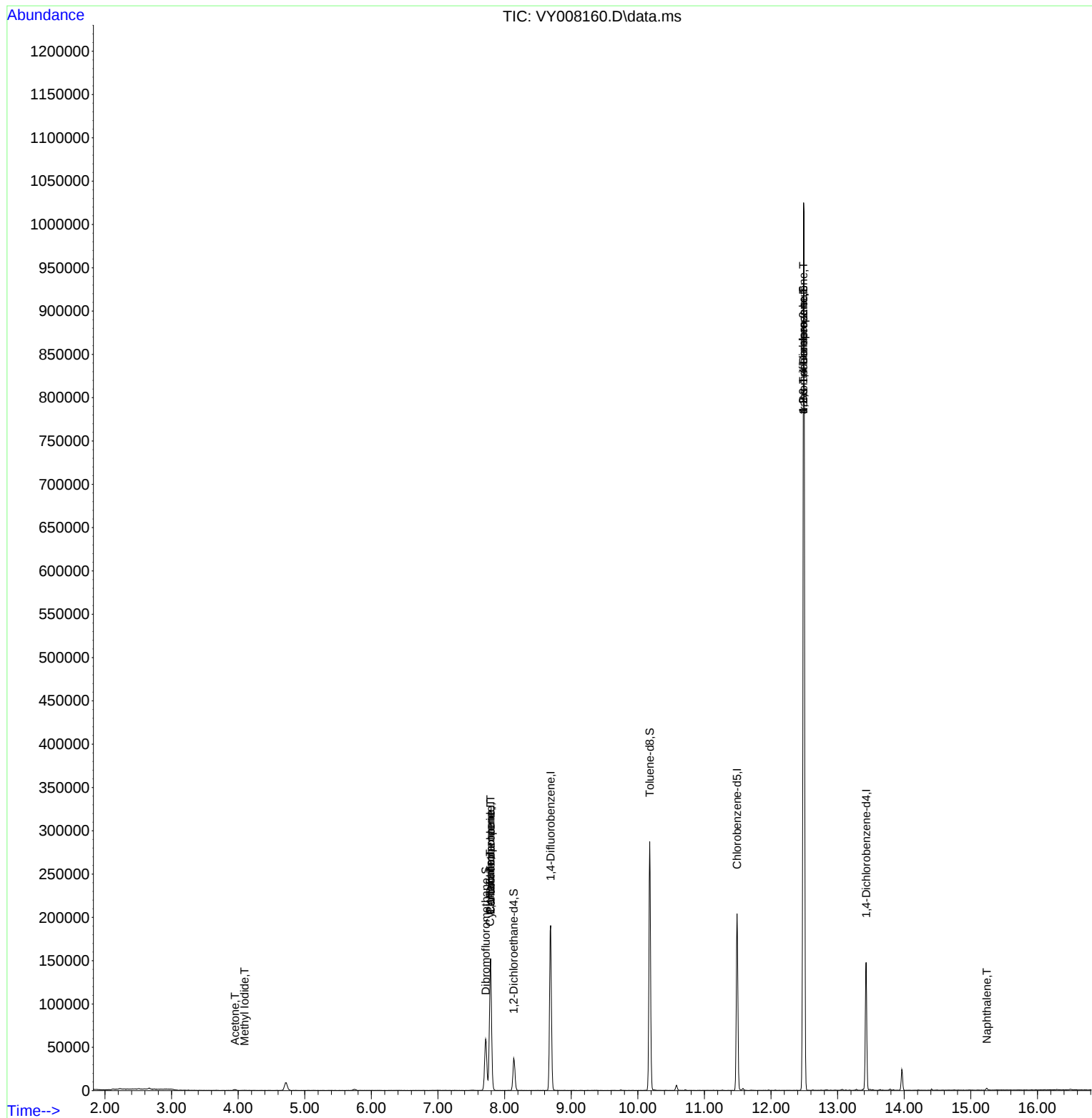
Internal Standards						
1) Pentafluorobenzene	7.789	168	115877	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	169739	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	115633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	37274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	27782	23.897	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	47.800%#
35) Dibromofluoromethane	7.716	113	42350	39.795	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.580%
50) Toluene-d8	10.179	98	192578	48.031	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.060%
62) 4-Bromofluorobenzene	12.483	95	44667	31.577	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	63.160%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.095	142	380	1.934	ug/l #	41
16) Acetone	3.954	43	1831	6.890	ug/l #	89
18) Methyl Acetate	4.485	43	22	Below Cal	#	56
31) Cyclohexane	7.783	56	2317	1.066	ug/l #	5
36) 1,1-Dichloropropene	7.789	75	8795	5.261	ug/l #	51
38) Carbon Tetrachloride	7.789	117	11493	6.309	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	29940	65.893	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	29940	147.018	ug/l #	11
95) Naphthalene	15.239	128	2182	1.338	ug/l	98

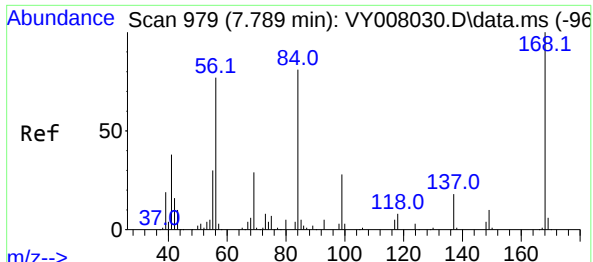
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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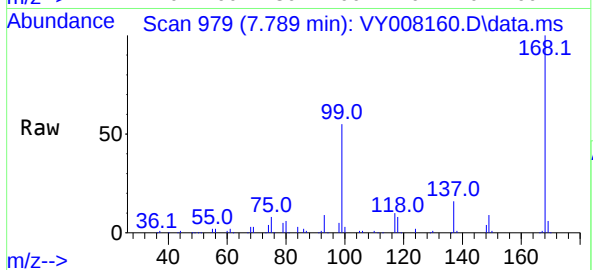
Quant Time: Apr 02 03:57:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
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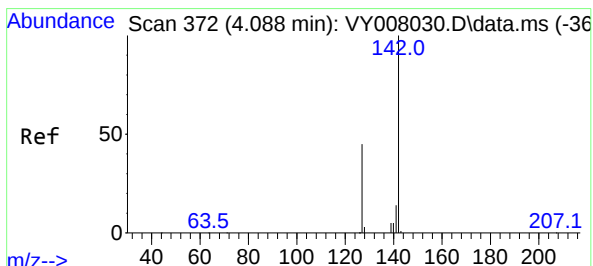
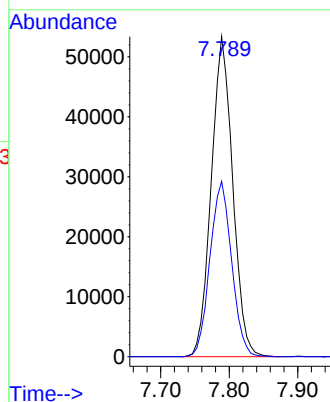
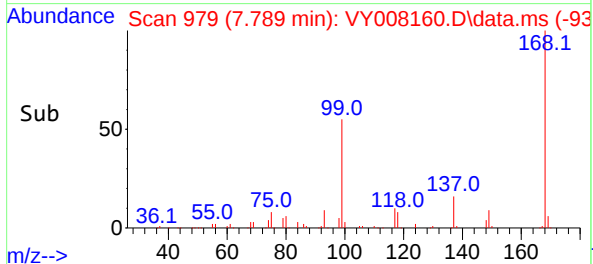


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008160.D
Acq: 01 Apr 2022 14:54

Instrument :
MSVOA_Y
ClientSampleId :
A10095

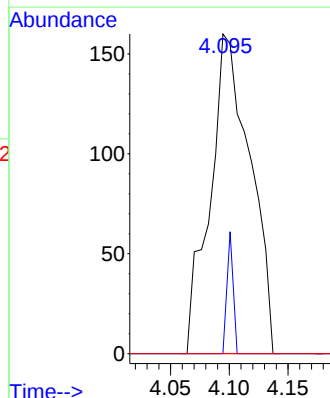
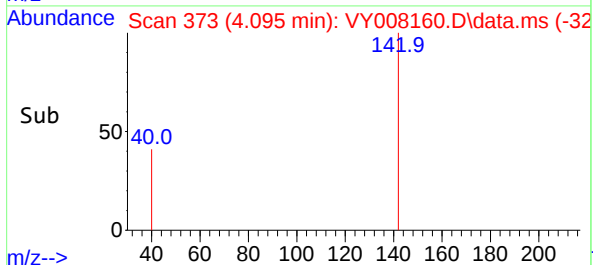
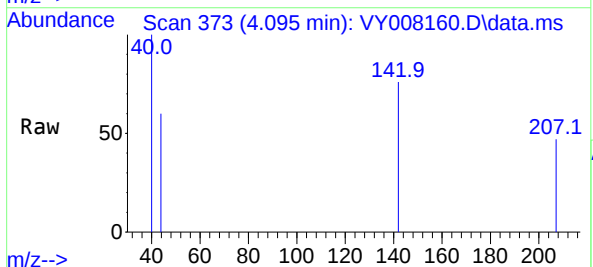


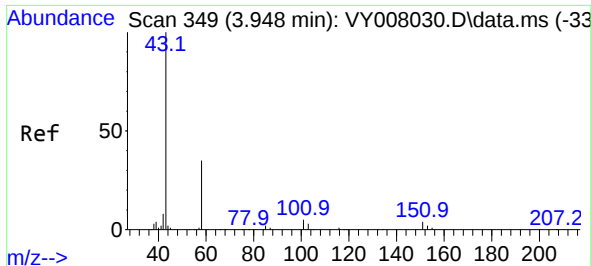
Tgt Ion:168 Resp: 115877
Ion Ratio Lower Upper
168 100
99 54.8 46.9 70.3



#10
Methyl Iodide
Concen: 1.934 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.007 min
Lab File: VY008160.D
Acq: 01 Apr 2022 14:54

Tgt Ion:142 Resp: 380
Ion Ratio Lower Upper
142 100
127 5.8 41.5 62.3#
141 0.0 11.9 17.9#

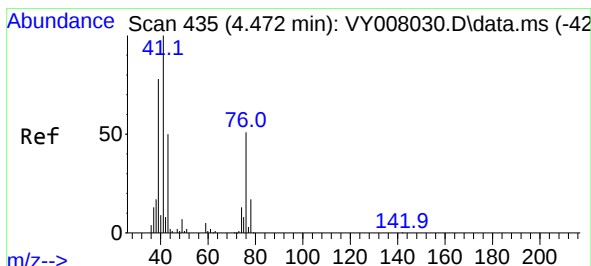
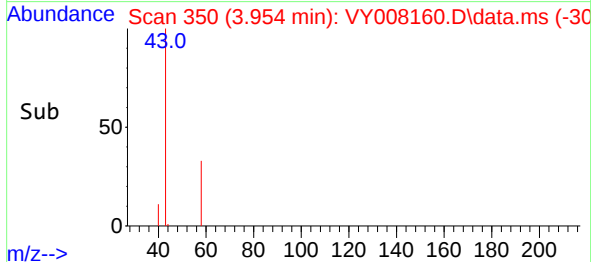
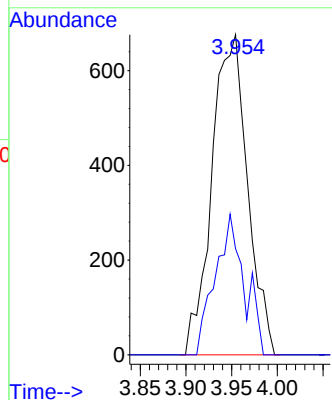
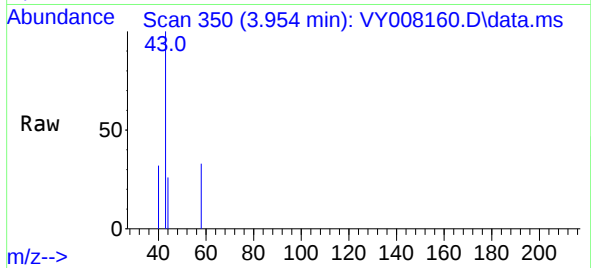




#16
Acetone
Concen: 6.890 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY008160.D
Acq: 01 Apr 2022 14:54

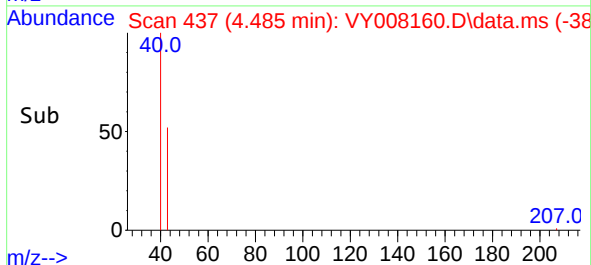
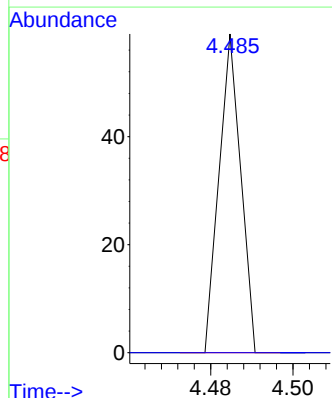
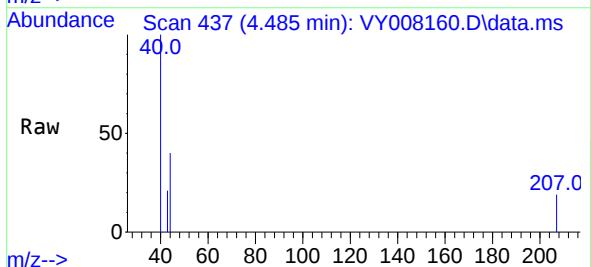
Instrument :
MSVOA_Y
ClientSampleId :
A10095

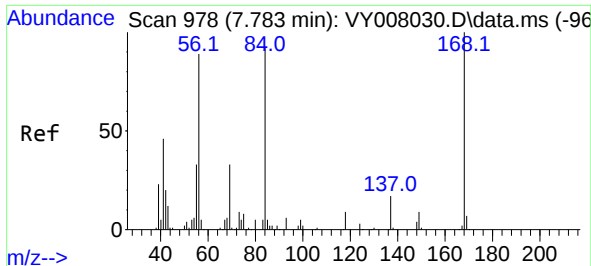
Tgt Ion: 43 Resp: 1831
Ion Ratio Lower Upper
43 100
58 33.1 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 437
Delta R.T. 0.013 min
Lab File: VY008160.D
Acq: 01 Apr 2022 14:54

Tgt Ion: 43 Resp: 22
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

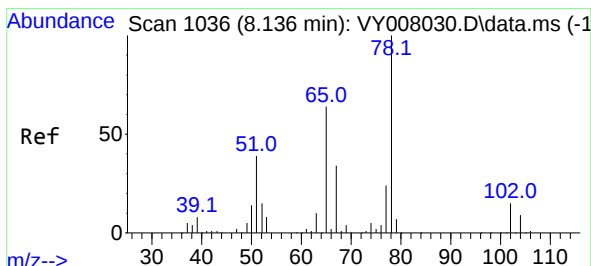
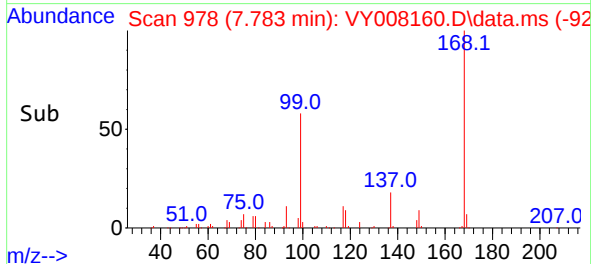
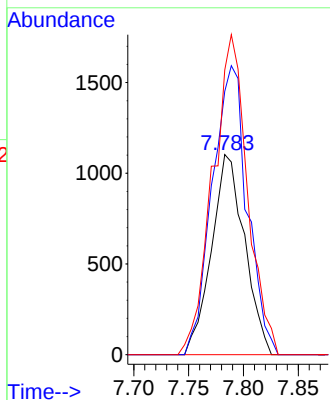
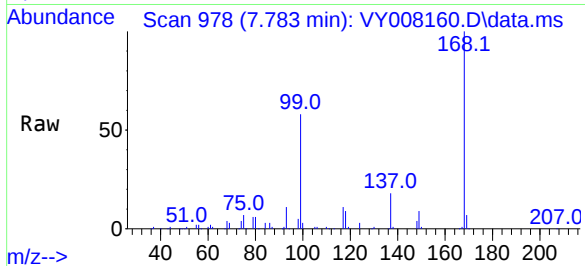




#31
Cyclohexane
Concen: 1.066 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008160.D
Acq: 01 Apr 2022 14:54

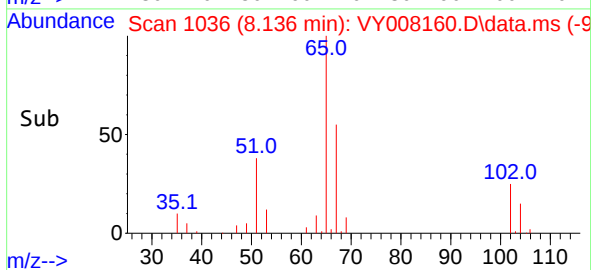
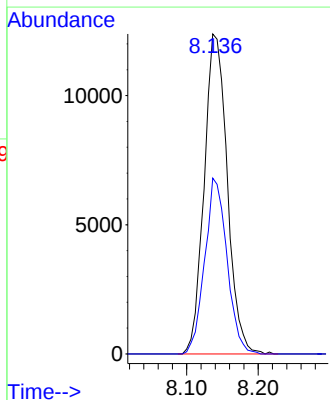
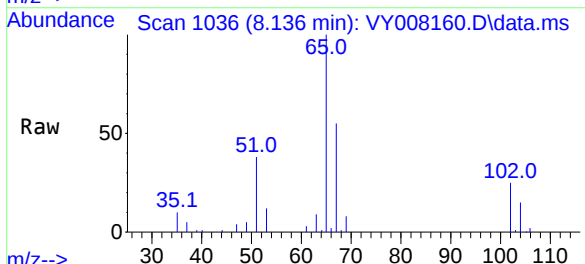
Instrument :
MSVOA_Y
ClientSampleId :
A10095

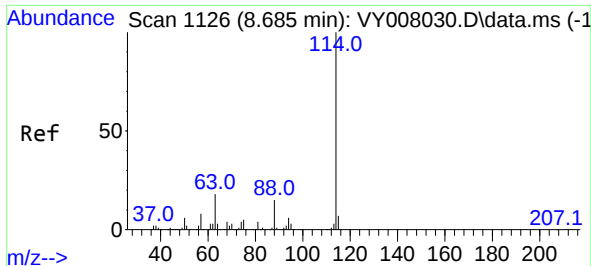
Tgt Ion: 56 Resp: 2317
Ion Ratio Lower Upper
56 100
69 131.6 26.7 40.1#
84 142.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 23.897 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY008160.D
Acq: 01 Apr 2022 14:54

Tgt Ion: 65 Resp: 27782
Ion Ratio Lower Upper
65 100
67 53.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008160.D

Acq: 01 Apr 2022 14:54

Instrument :

MSVOA_Y

ClientSampleId :

A10095

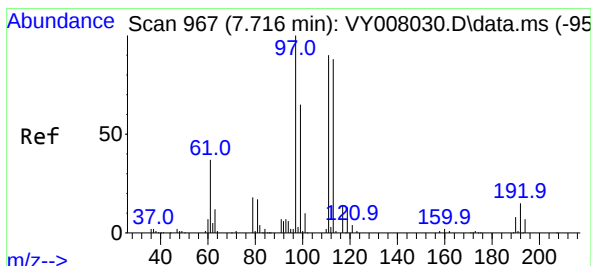
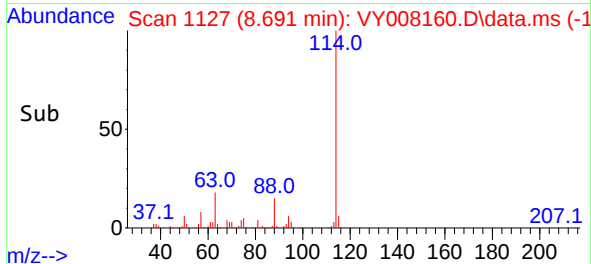
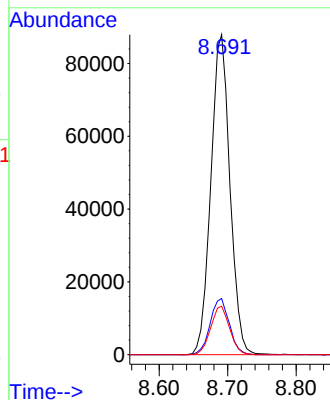
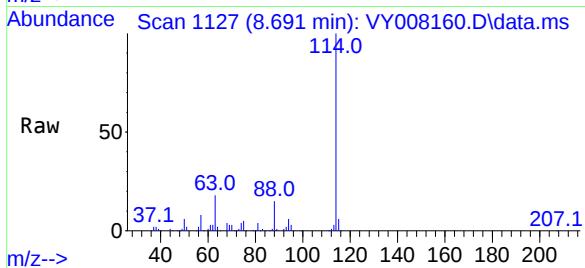
Tgt Ion:114 Resp: 169739

Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 39.795 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008160.D

Acq: 01 Apr 2022 14:54

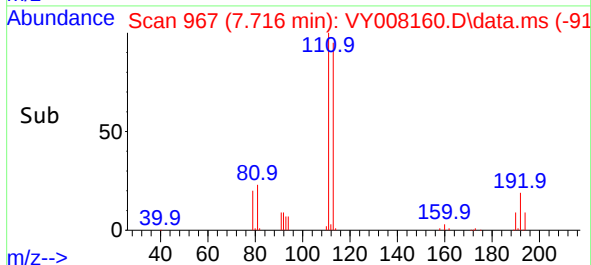
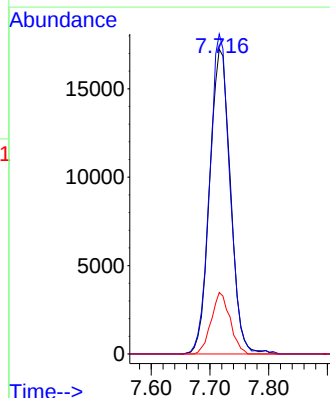
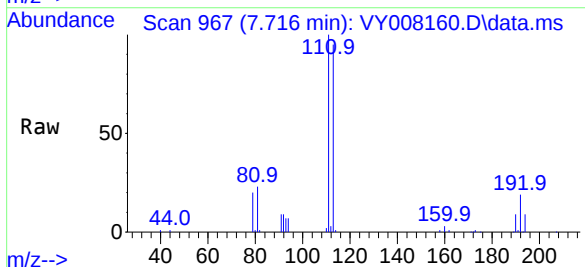
Tgt Ion:113 Resp: 42350

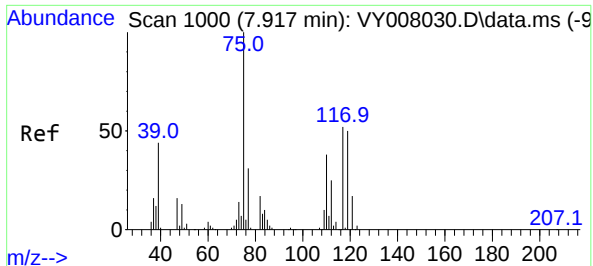
Ion Ratio Lower Upper

113 100

111 101.5 82.6 124.0

192 18.2 17.6 26.4





#36

1,1-Dichloropropene

Concen: 5.261 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008160.D

Acq: 01 Apr 2022 14:54

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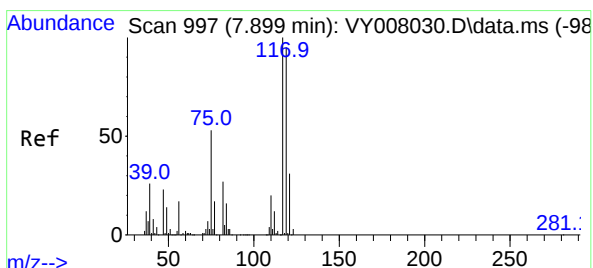
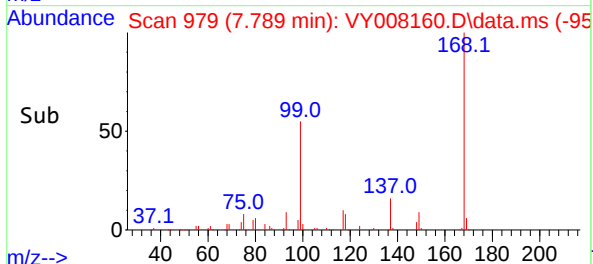
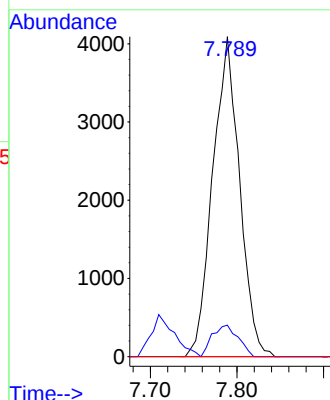
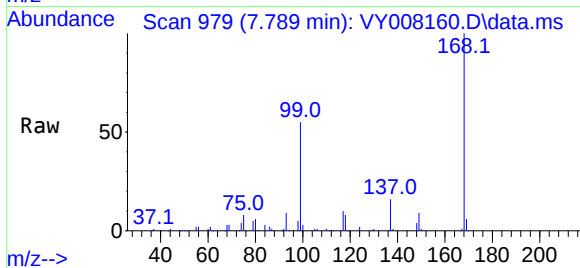
Tgt Ion: 75 Resp: 8795

Ion Ratio Lower Upper

75 100

110 9.5 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.309 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008160.D

Acq: 01 Apr 2022 14:54

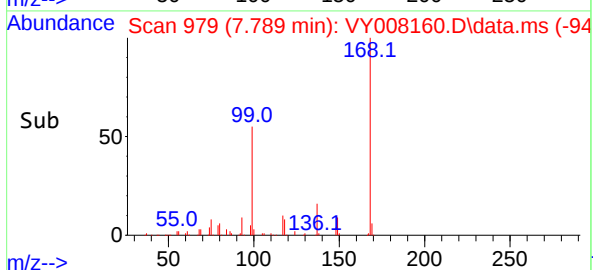
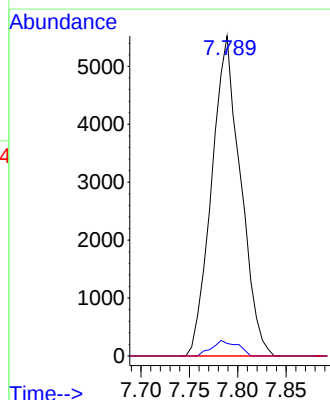
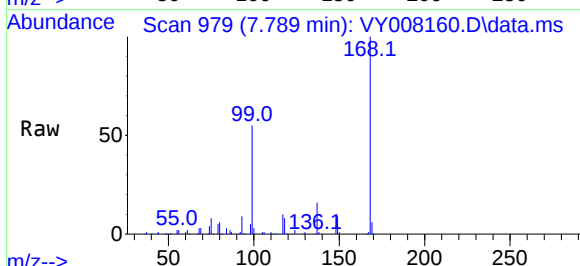
Tgt Ion: 117 Resp: 11493

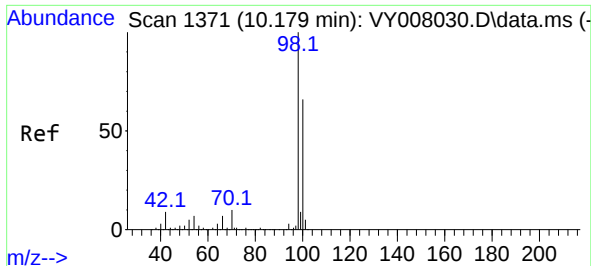
Ion Ratio Lower Upper

117 100

119 3.9 77.9 116.9#

121 0.0 24.8 37.2#

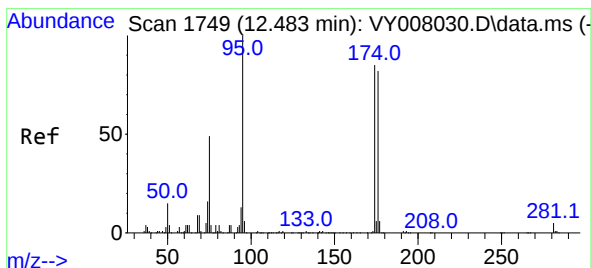
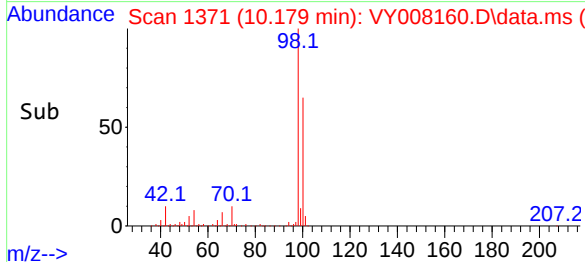
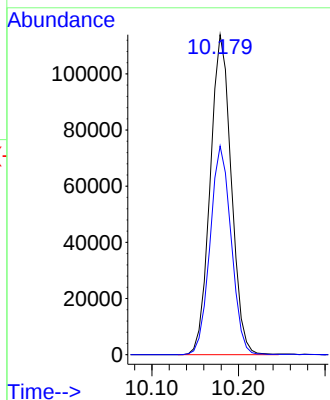
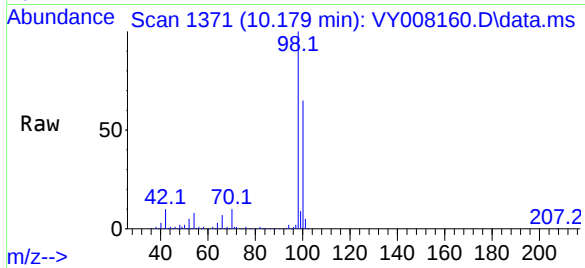




#50
Toluene-d8
Concen: 48.031 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008160.D
Acq: 01 Apr 2022 14:54

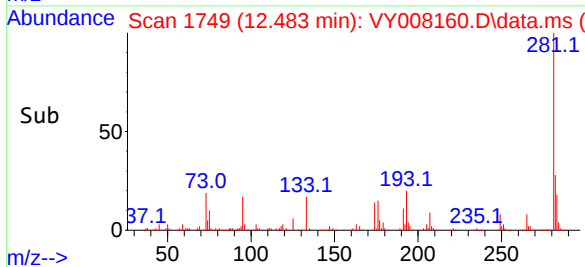
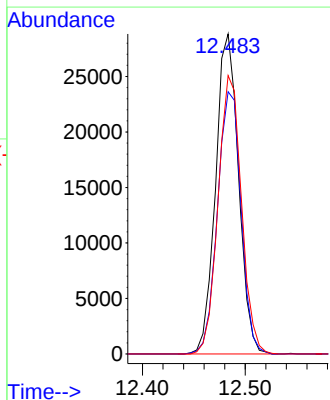
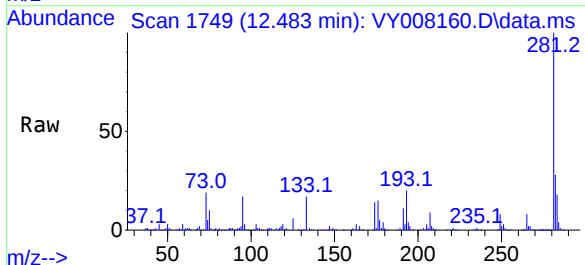
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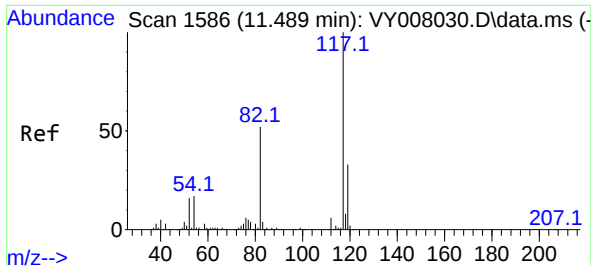
Tgt Ion: 98 Resp: 192578
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 31.577 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008160.D
Acq: 01 Apr 2022 14:54

Tgt Ion: 95 Resp: 44667
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 88.4 0.0 175.8

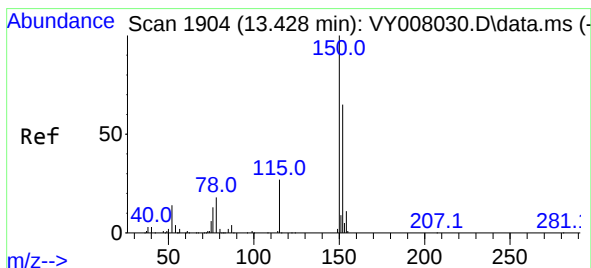
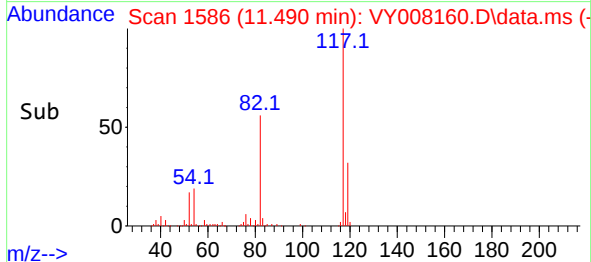
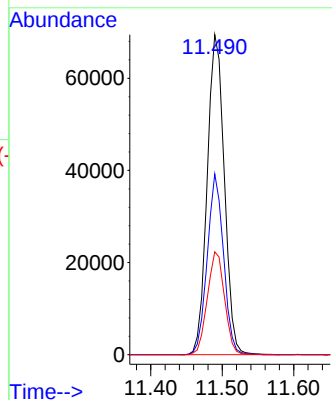
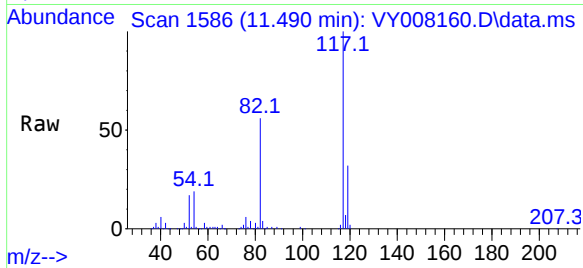




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008160.D
Acq: 01 Apr 2022 14:54

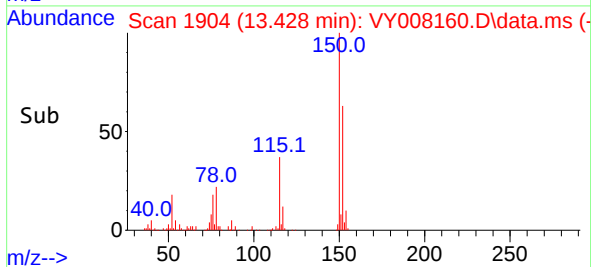
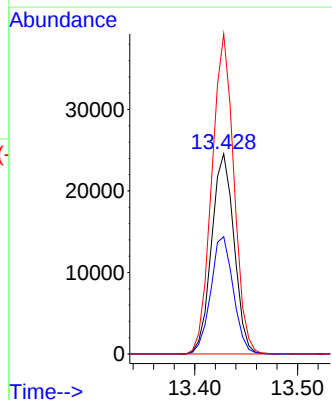
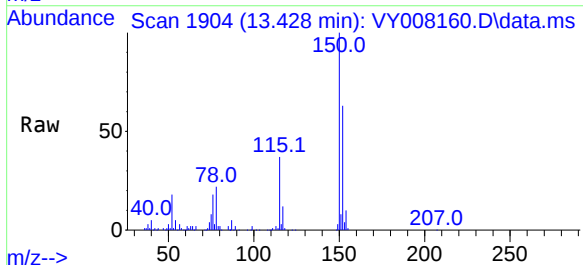
Instrument :
MSVOA_Y
ClientSampleId :
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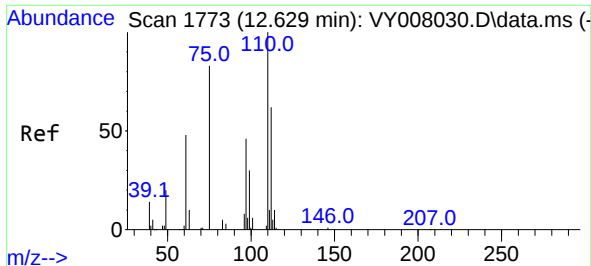
Tgt Ion:117 Resp: 115633
Ion Ratio Lower Upper
117 100
82 56.5 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008160.D
Acq: 01 Apr 2022 14:54

Tgt Ion:152 Resp: 37274
Ion Ratio Lower Upper
152 100
115 58.9 28.2 84.7
150 156.7 0.0 347.6

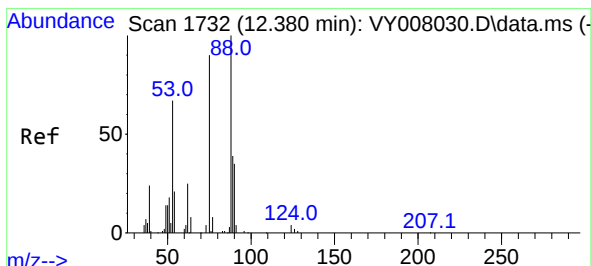
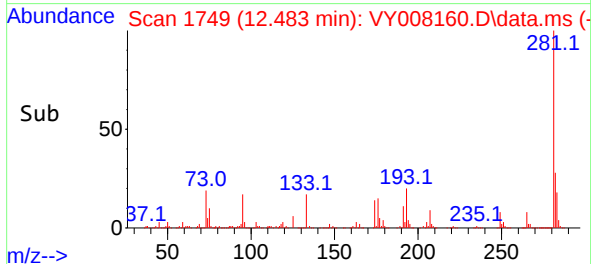
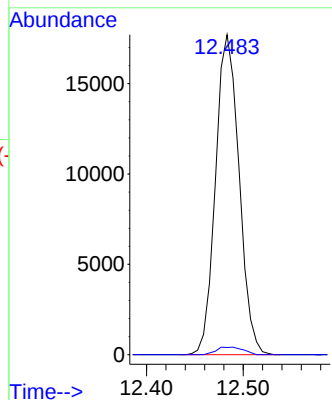
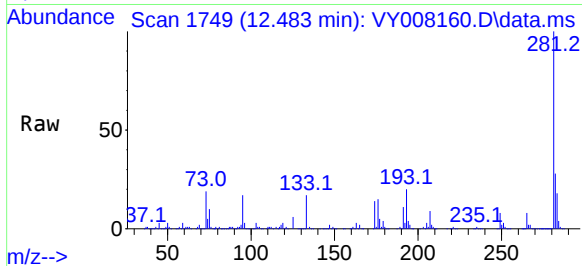




#76
1,2,3-Trichloropropane
Concen: 65.893 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008160.D
Acq: 01 Apr 2022 14:54

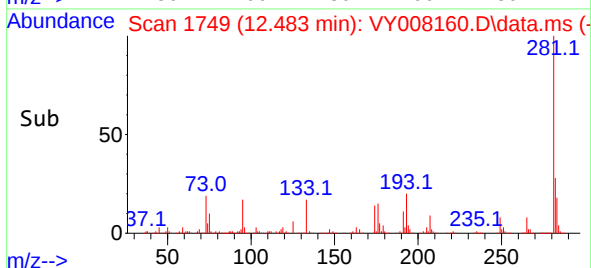
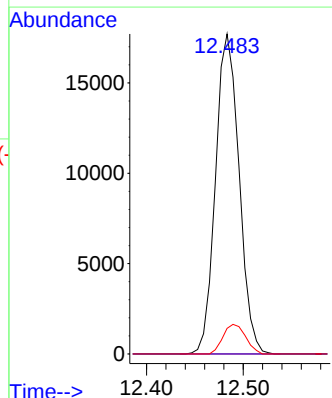
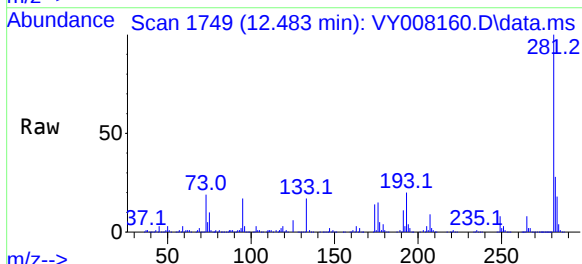
Instrument :
MSVOA_Y
ClientSampleId :
A10095

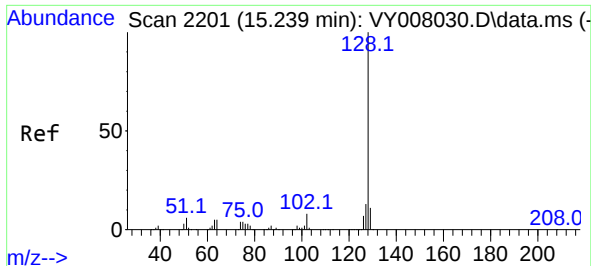
Tgt Ion: 75 Resp: 29940
Ion Ratio Lower Upper
75 100
77 2.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 147.018 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008160.D
Acq: 01 Apr 2022 14:54

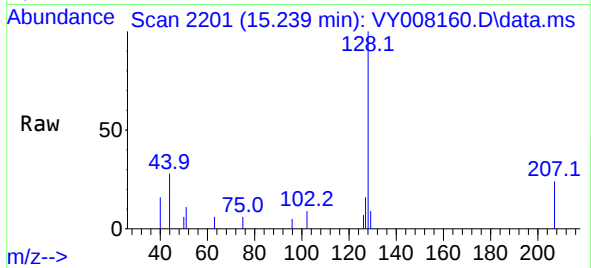
Tgt Ion: 75 Resp: 29940
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 8.9 37.0 55.4#





#95
Naphthalene
Concen: 1.338 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY008160.D
Acq: 01 Apr 2022 14:54

Instrument :
MSVOA_Y
ClientSampleId :
A10095



Tgt Ion:128 Resp: 2182

Ion	Ratio	Lower	Upper
128	100		
127	13.6	11.0	16.4
129	8.9	8.4	12.6

