

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
 Data File : VY014056.D
 Acq On : 07 Jun 2023 13:45
 Operator : KP/MD
 Sample : 03069-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB34B

Quant Time: Jun 08 02:32:53 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)

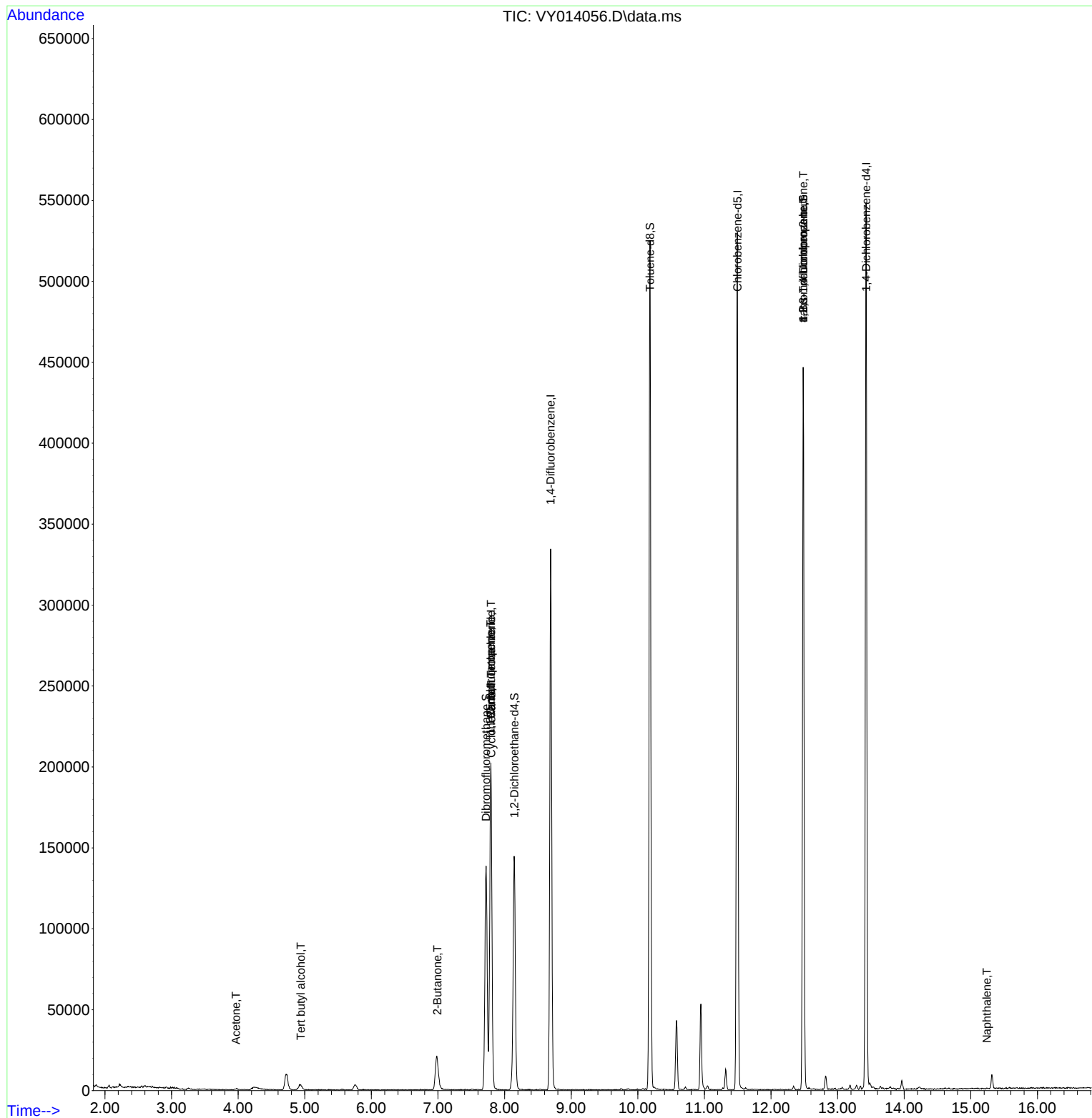
Internal Standards						
1) Pentafluorobenzene	7.795	168	156053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	272354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	286915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	136414	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	115863	56.087	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.180%	
35) Dibromofluoromethane	7.722	113	96101	55.523	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.040%	
50) Toluene-d8	10.185	98	342678	51.904	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.800%	
62) 4-Bromofluorobenzene	12.483	95	119101	52.915	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.820%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	3543	8.345	ug/l #	89
16) Acetone	3.967	43	1283	1.815	ug/l	94
20) Methylene Chloride	4.716	84	7626	Below Cal	#	82
25) 2-Butanone	6.990	43	1470	1.670	ug/l #	49
31) Cyclohexane	7.801	56	3786	1.522	ug/l #	27
36) 1,1-Dichloropropene	7.789	75	12092	4.904	ug/l #	49
38) Carbon Tetrachloride	7.795	117	15384	5.567	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	66138	36.028	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	66138	76.435	ug/l #	11
95) Naphthalene	15.239	128	251	3.917	ug/l #	69

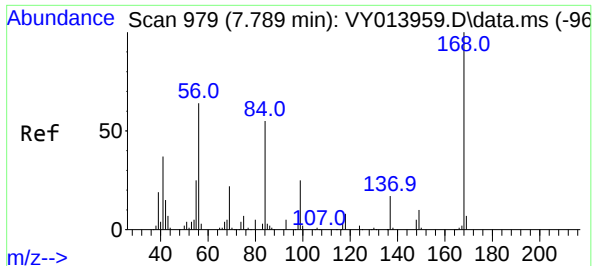
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
Quant Title : SW846 8260
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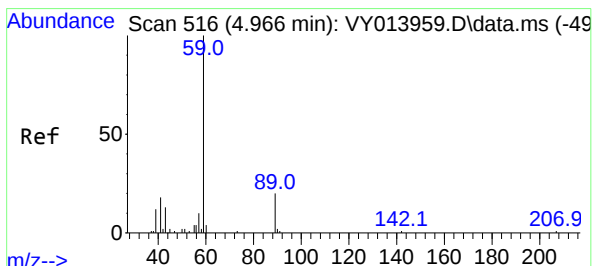
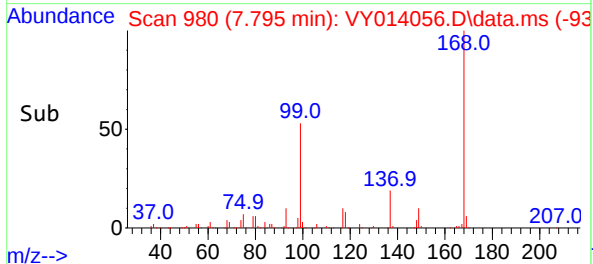
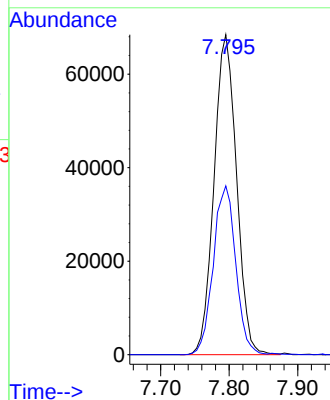
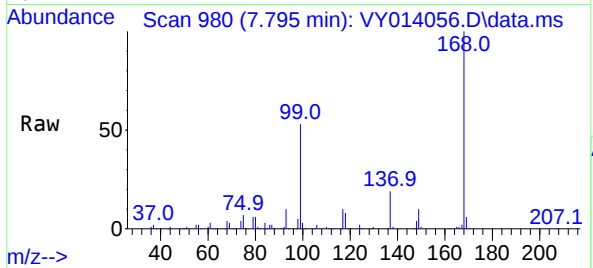




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014056.D
Acq: 07 Jun 2023 13:45

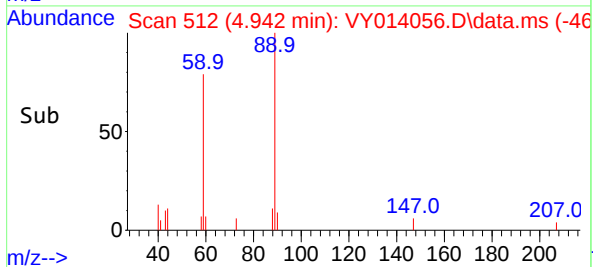
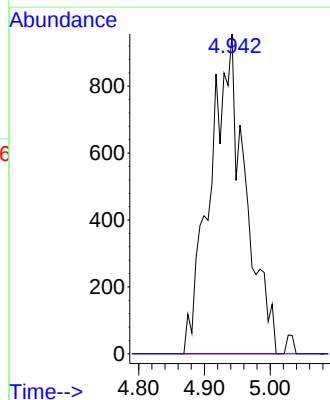
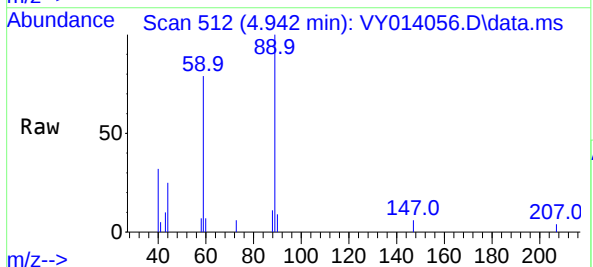
Instrument :
MSVOA_Y
ClientSampleId :
SB34B

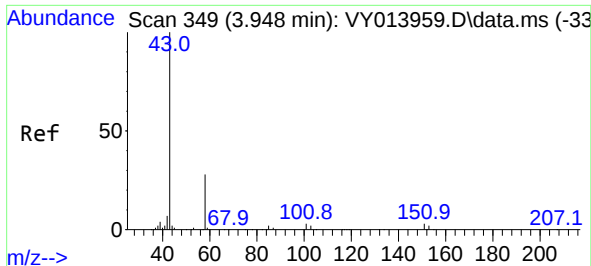
Tgt Ion:168 Resp: 156053
Ion Ratio Lower Upper
168 100
99 52.7 43.4 65.0



#11
Tert butyl alcohol
Concen: 8.345 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.024 min
Lab File: VY014056.D
Acq: 07 Jun 2023 13:45

Tgt Ion: 59 Resp: 3543
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#16

Acetone

Concen: 1.815 ug/l

RT: 3.967 min Scan# 31

Delta R.T. 0.018 min

Lab File: VY014056.D

Acq: 07 Jun 2023 13:45

Instrument :

MSVOA_Y

ClientSampleId :

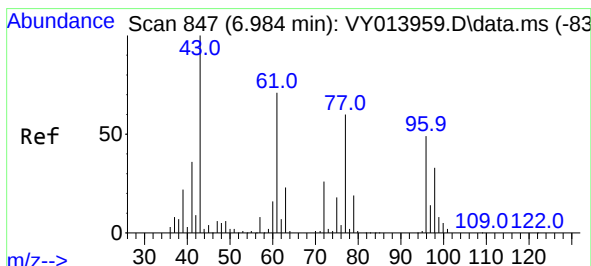
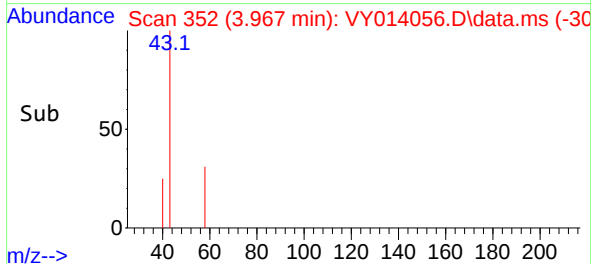
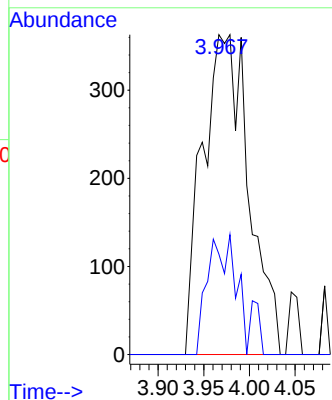
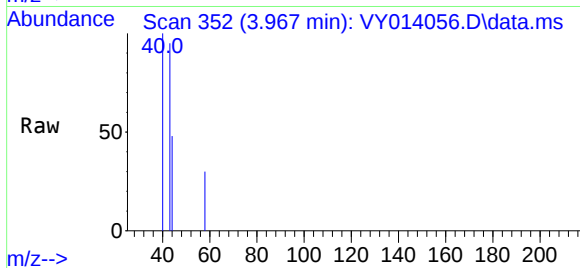
SB34B

Tgt Ion: 43 Resp: 1283

Ion Ratio Lower Upper

43 100

58 31.4 22.7 34.1



#25

2-Butanone

Concen: 1.670 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY014056.D

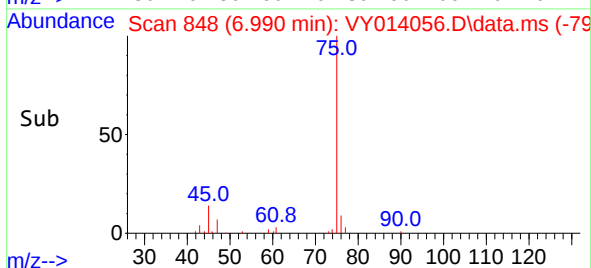
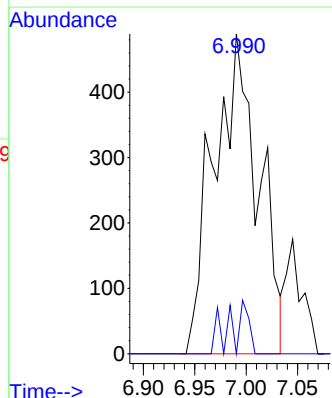
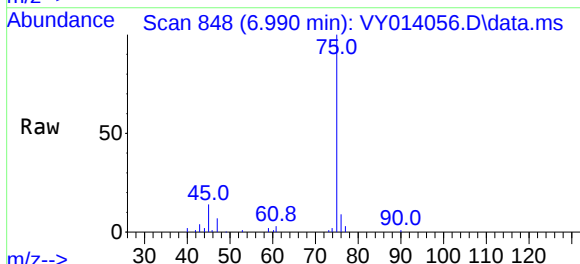
Acq: 07 Jun 2023 13:45

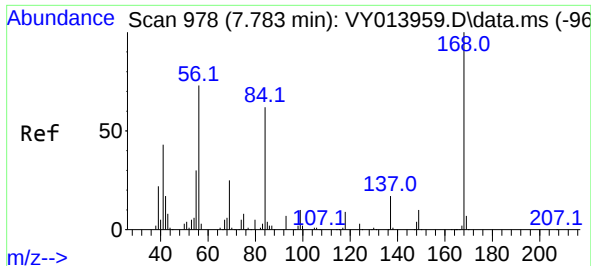
Tgt Ion: 43 Resp: 1470

Ion Ratio Lower Upper

43 100

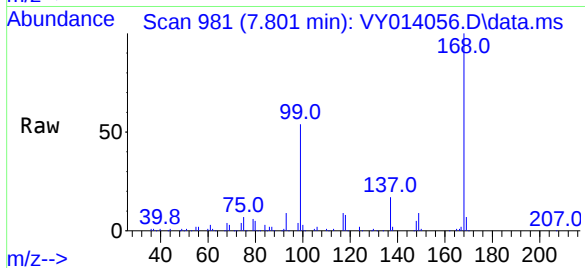
72 0.0 20.5 30.7#



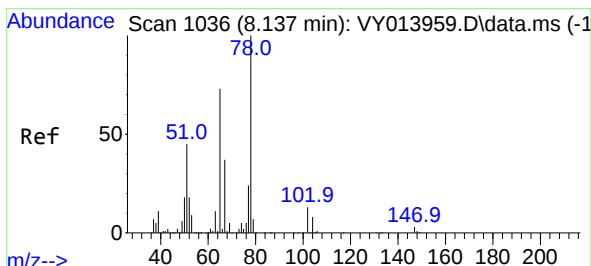
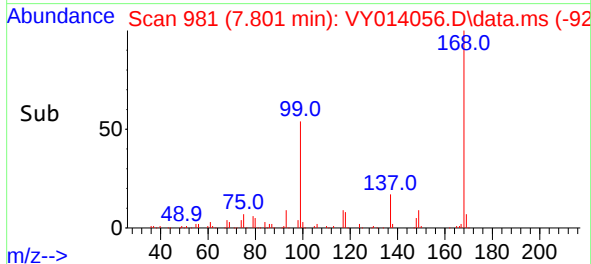
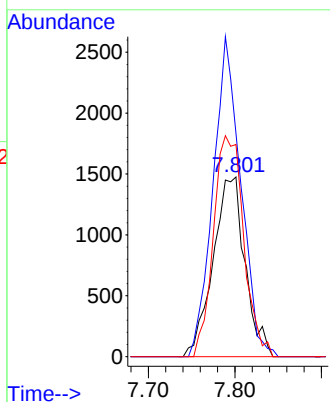


#31
Cyclohexane
Concen: 1.522 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY014056.D
Acq: 07 Jun 2023 13:45

Instrument :
MSVOA_Y
ClientSampleId :
SB34B

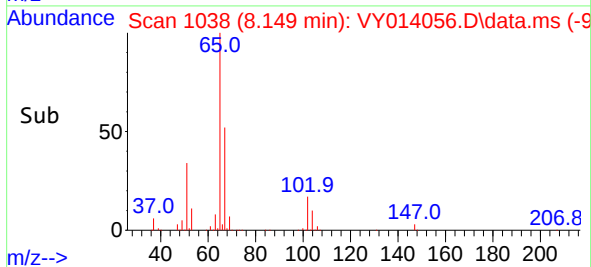
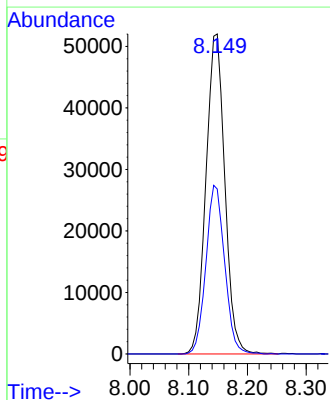
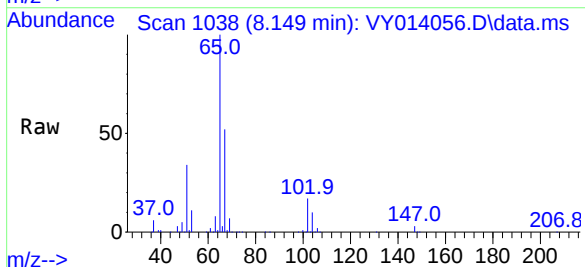


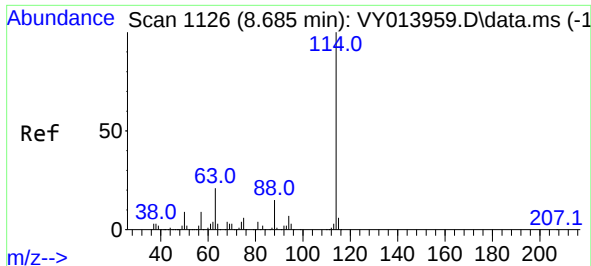
Tgt Ion: 56 Resp: 3786
Ion Ratio Lower Upper
56 100
69 124.3 27.8 41.6#
84 118.2 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 56.087 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.012 min
Lab File: VY014056.D
Acq: 07 Jun 2023 13:45

Tgt Ion: 65 Resp: 115863
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014056.D

Acq: 07 Jun 2023 13:45

Instrument :

MSVOA_Y

ClientSampleId :

SB34B

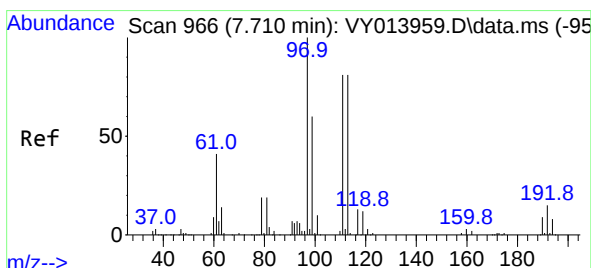
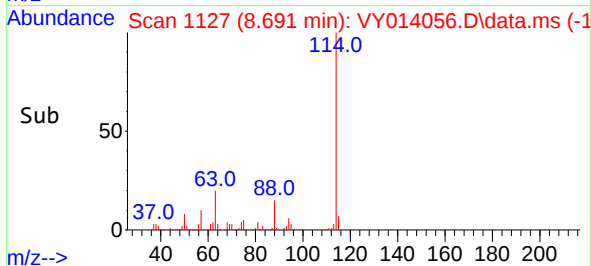
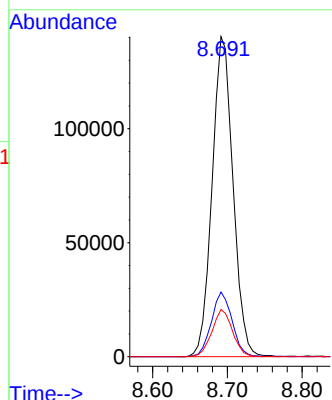
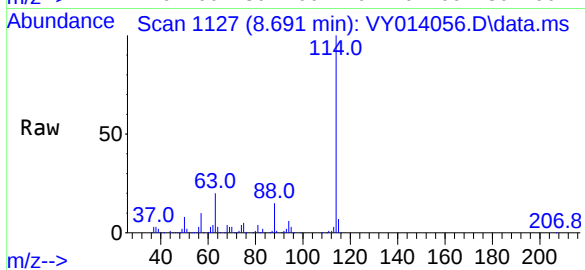
Tgt Ion:114 Resp: 272354

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.523 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.012 min

Lab File: VY014056.D

Acq: 07 Jun 2023 13:45

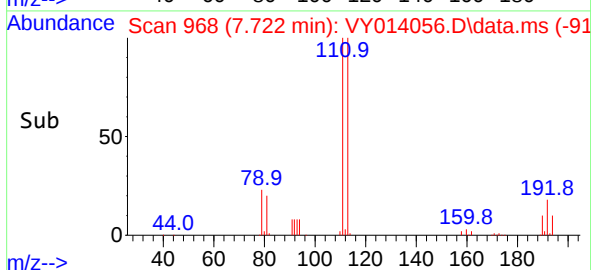
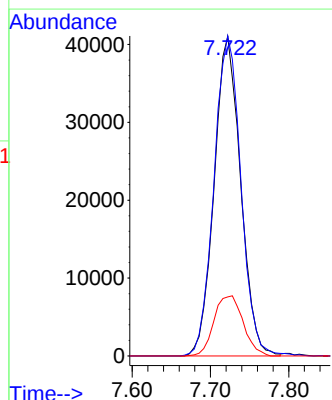
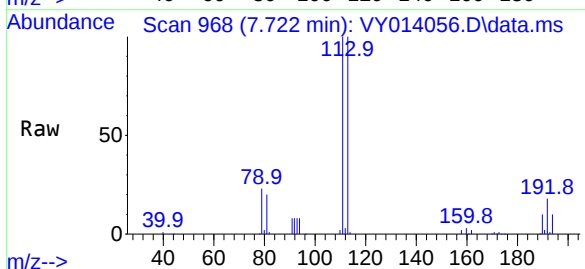
Tgt Ion:113 Resp: 96101

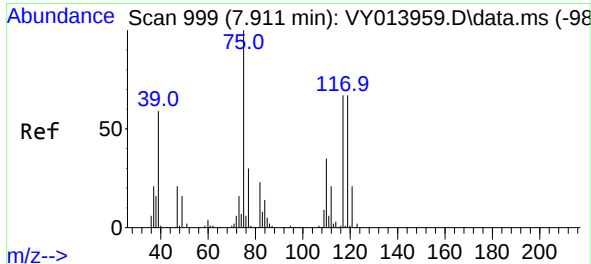
Ion Ratio Lower Upper

113 100

111 102.4 81.3 121.9

192 20.8 16.9 25.3

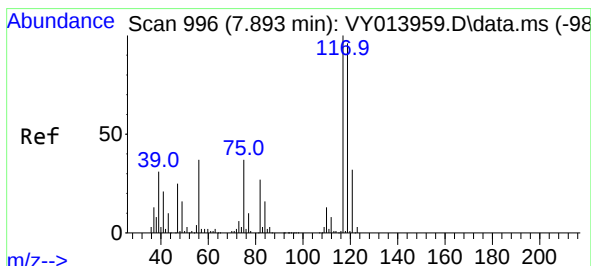
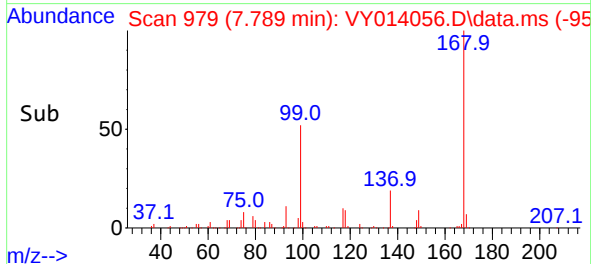
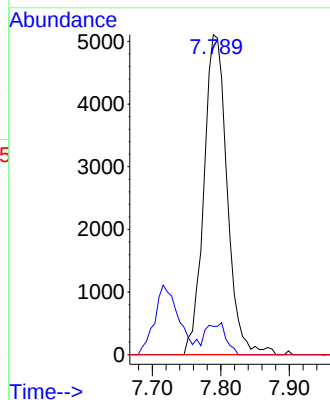
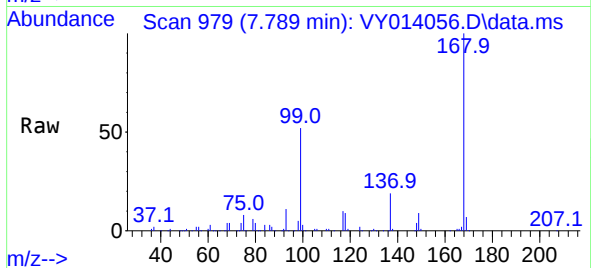




#36
1,1-Dichloropropene
Concen: 4.904 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY014056.D
Acq: 07 Jun 2023 13:45

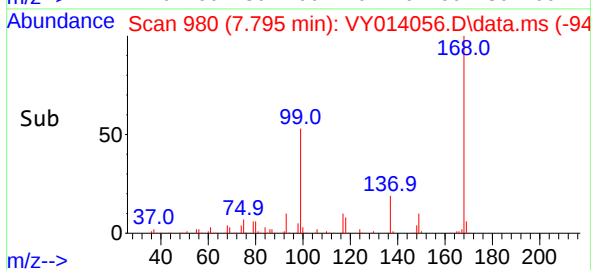
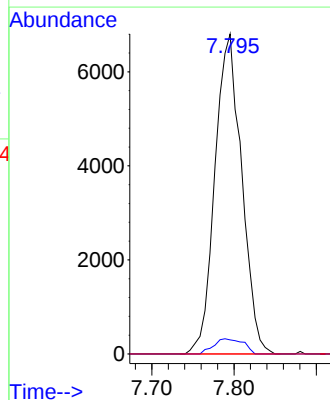
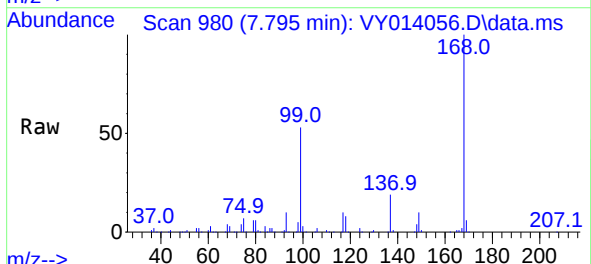
Instrument :
MSVOA_Y
ClientSampleId :
SB34B

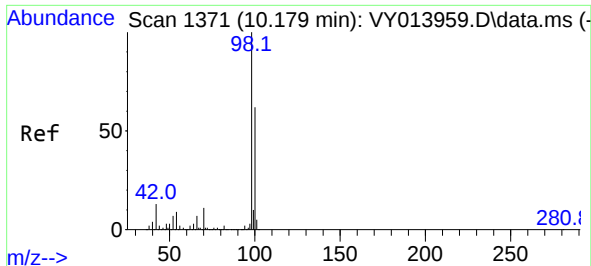
Tgt Ion: 75 Resp: 12092
Ion Ratio Lower Upper
75 100
110 8.4 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.567 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.098 min
Lab File: VY014056.D
Acq: 07 Jun 2023 13:45

Tgt Ion: 117 Resp: 15384
Ion Ratio Lower Upper
117 100
119 4.4 76.4 114.6#
121 0.0 25.8 38.6#

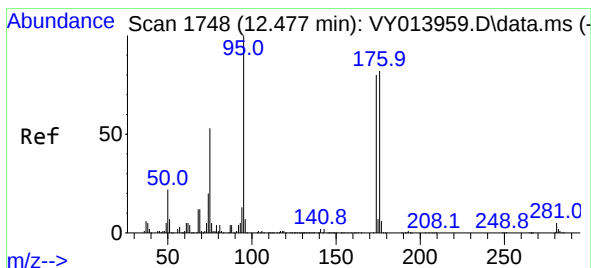
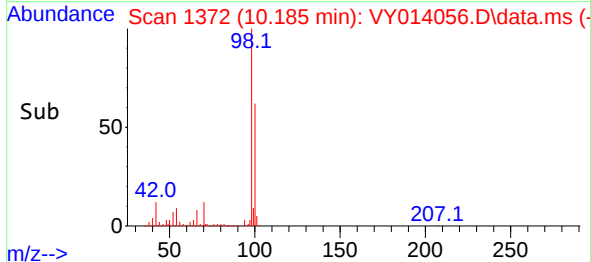
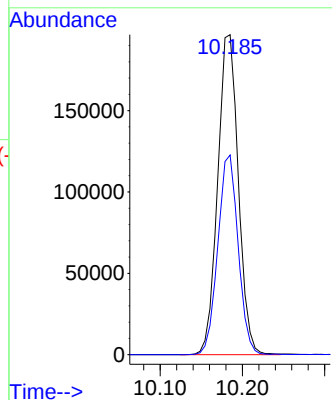
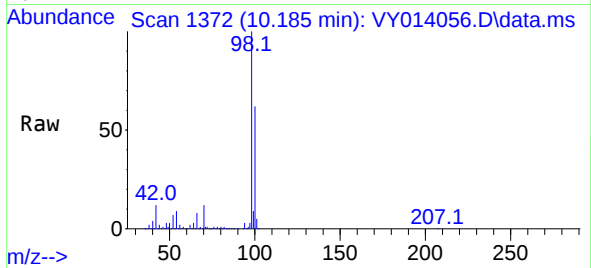




#50
Toluene-d8
Concen: 51.904 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014056.D
Acq: 07 Jun 2023 13:45

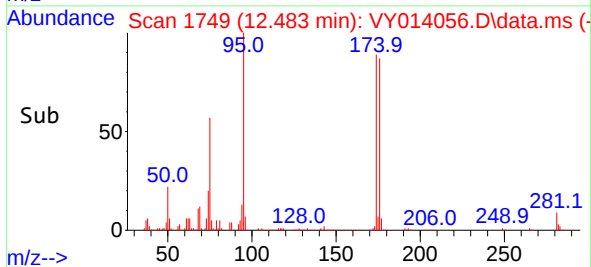
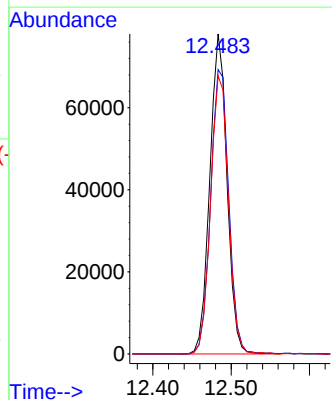
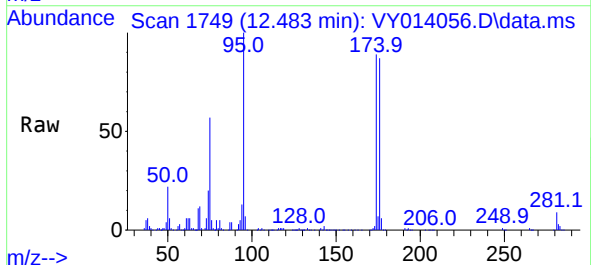
Instrument :
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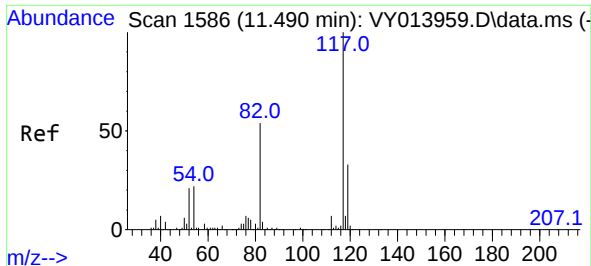
Tgt Ion: 98 Resp: 342678
Ion Ratio Lower Upper
98 100
100 61.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.915 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014056.D
Acq: 07 Jun 2023 13:45

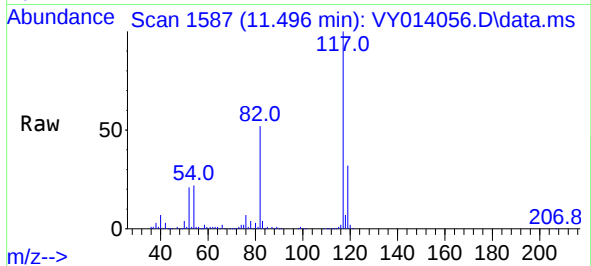
Tgt Ion: 95 Resp: 119101
Ion Ratio Lower Upper
95 100
174 93.4 0.0 178.2
176 90.0 0.0 173.8



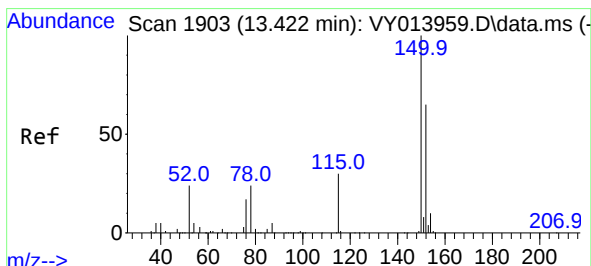
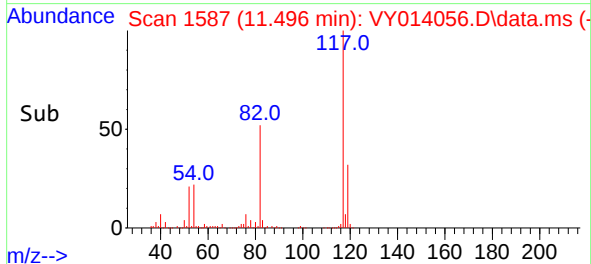
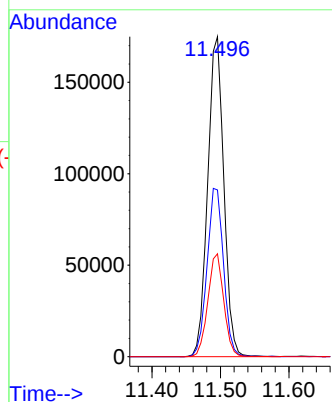


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014056.D
Acq: 07 Jun 2023 13:45

Instrument :
MSVOA_Y
ClientSampleId :
SB34B

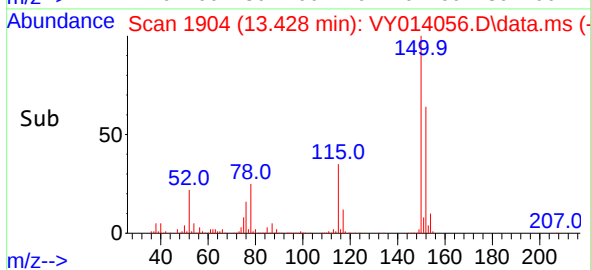
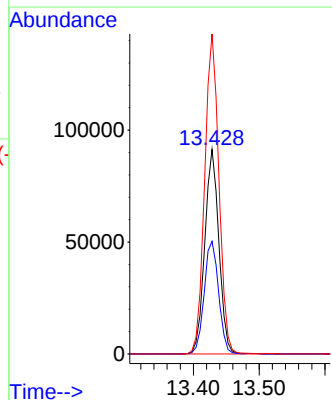
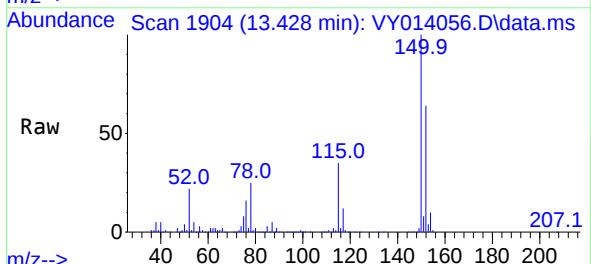


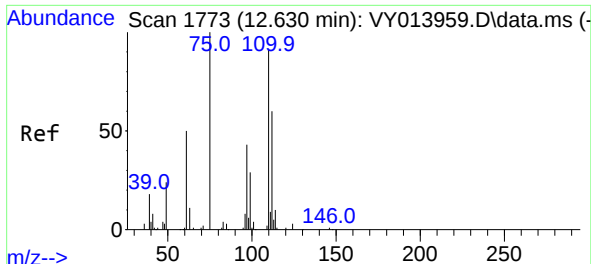
Tgt Ion:117 Resp: 286915
Ion Ratio Lower Upper
117 100
82 52.1 43.4 65.0
119 32.2 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY014056.D
Acq: 07 Jun 2023 13:45

Tgt Ion:152 Resp: 136414
Ion Ratio Lower Upper
152 100
115 56.3 28.8 86.5
150 157.8 0.0 348.8

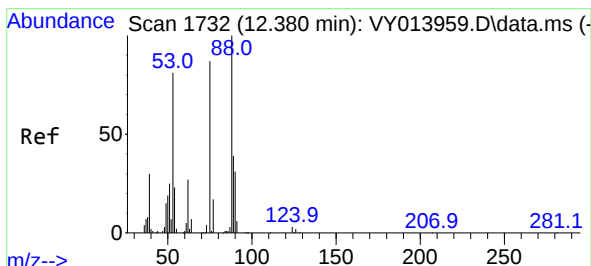
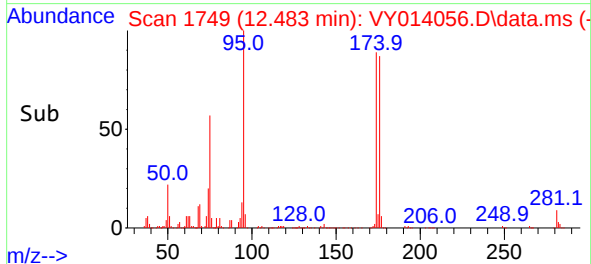
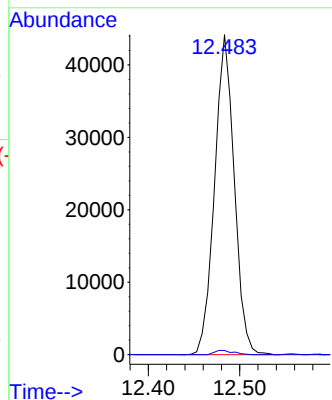
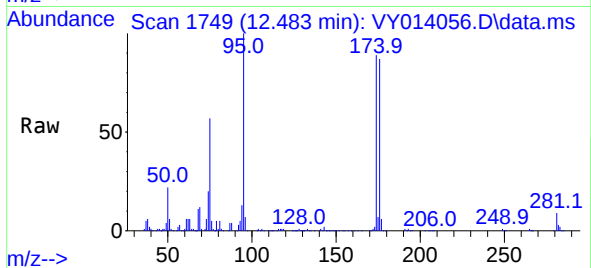




#76
1,2,3-Trichloropropane
Concen: 36.028 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY014056.D
Acq: 07 Jun 2023 13:45

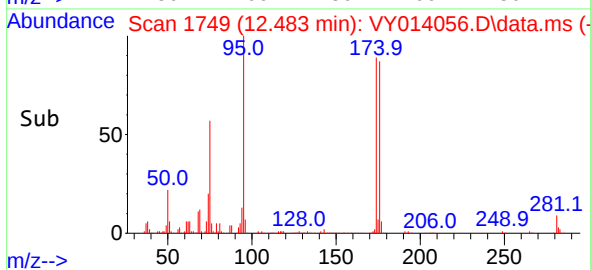
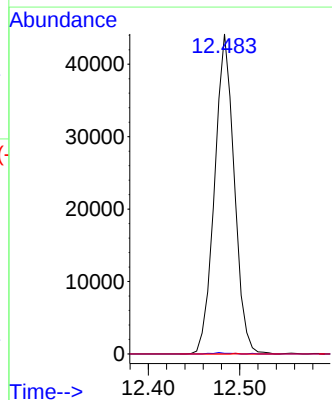
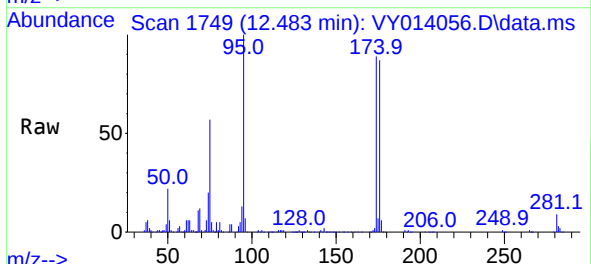
Instrument :
MSVOA_Y
ClientSampleId :
SB34B

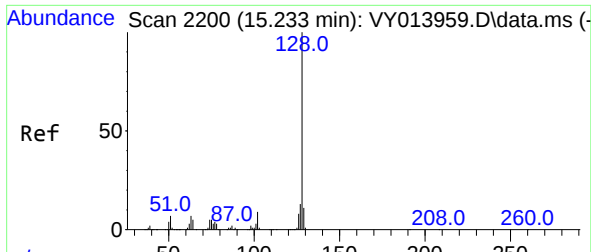
Tgt Ion: 75 Resp: 66138
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.435 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY014056.D
Acq: 07 Jun 2023 13:45

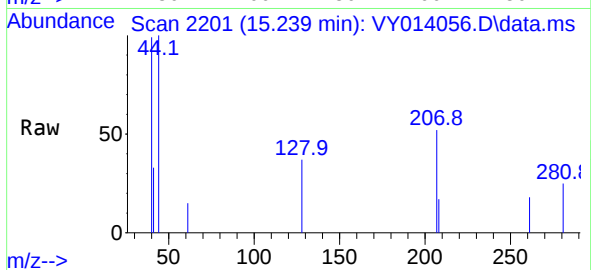
Tgt Ion: 75 Resp: 66138
Ion Ratio Lower Upper
75 100
53 0.3 77.8 116.8#
89 0.1 37.4 56.0#





#95
Naphthalene
Concen: 3.917 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY014056.D
Acq: 07 Jun 2023 13:45

Instrument :
MSVOA_Y
ClientSampleId :
SB34B



Tgt Ion:128 Resp: 251
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

