

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060823\
 Data File : VY014077.D
 Acq On : 08 Jun 2023 16:52
 Operator : KP/MD
 Sample : 03092-01
 Misc : 8.53g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Jun 09 04:22:01 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)

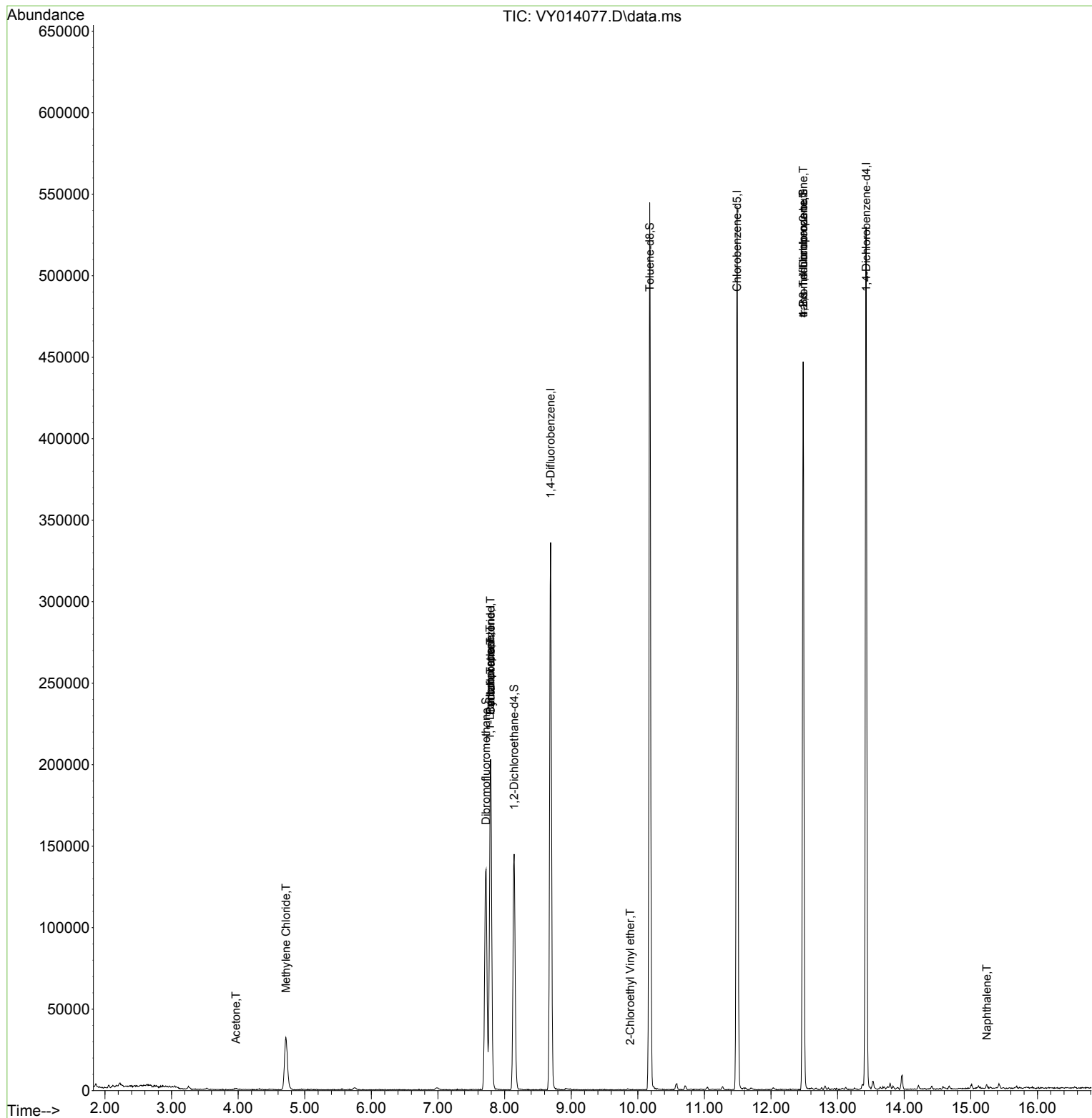
Internal Standards						
1) Pentafluorobenzene	7.789	168	160648	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	277661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	290610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	136341	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	122317	57.518	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.040%	
35) Dibromofluoromethane	7.722	113	94517	53.564	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.120%	
50) Toluene-d8	10.179	98	343901	51.094	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.180%	
62) 4-Bromofluorobenzene	12.483	95	119619	52.129	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.260%	
Target Compounds						
					Qvalue	
16) Acetone	3.966	43	1476	2.029	ug/l	99
20) Methylene Chloride	4.716	84	23491	8.632	ug/l	88
31) Cyclohexane	7.789	56	3487	1.362	ug/l #	24
36) 1,1-Dichloropropene	7.783	75	11657	4.637	ug/l #	51
38) Carbon Tetrachloride	7.789	117	15688	5.569	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.886	63	23	23.124	ug/l #	48
76) 1,2,3-Trichloropropane	12.483	75	67495	36.787	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	67495	78.045	ug/l #	11
95) Naphthalene	15.239	128	2118	4.188	ug/l #	94

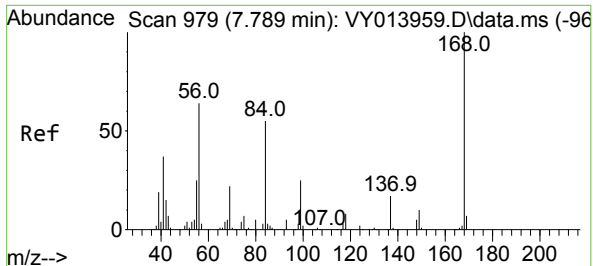
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

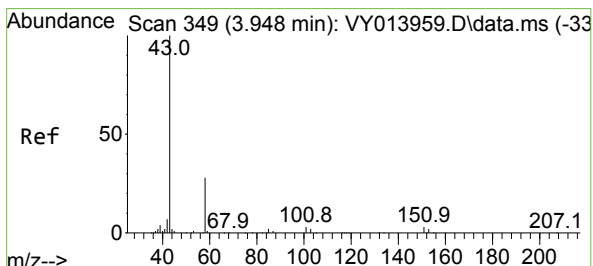
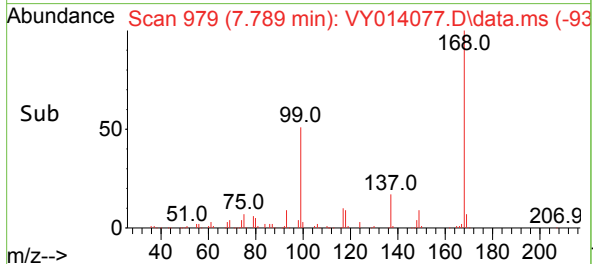
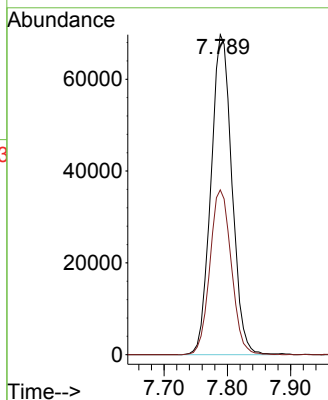
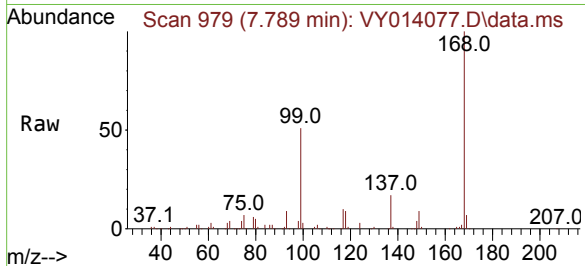




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014077.D
Acq: 08 Jun 2023 16:52

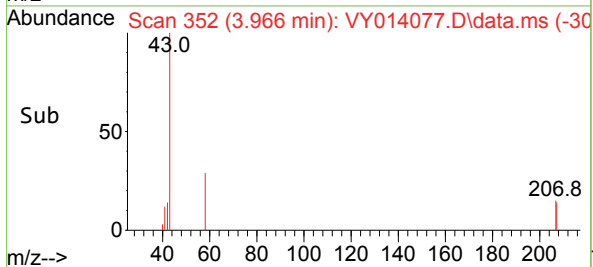
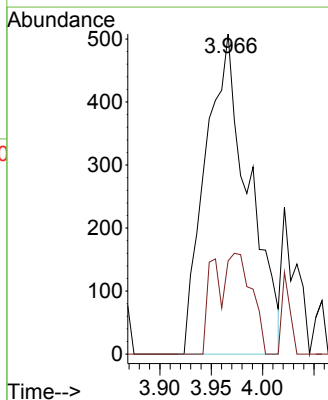
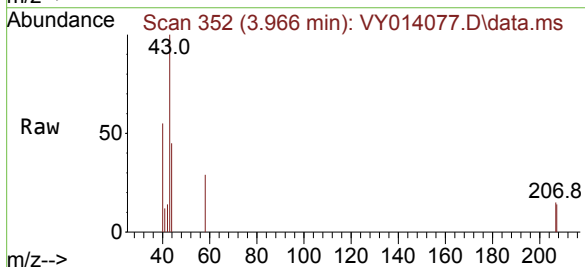
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

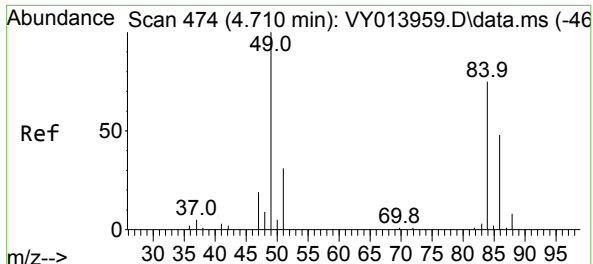
Tgt Ion:168 Resp: 160648
Ion Ratio Lower Upper
168 100
99 51.5 43.4 65.0



#16
Acetone
Concen: 2.029 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.018 min
Lab File: VY014077.D
Acq: 08 Jun 2023 16:52

Tgt Ion: 43 Resp: 1476
Ion Ratio Lower Upper
43 100
58 29.1 22.7 34.1

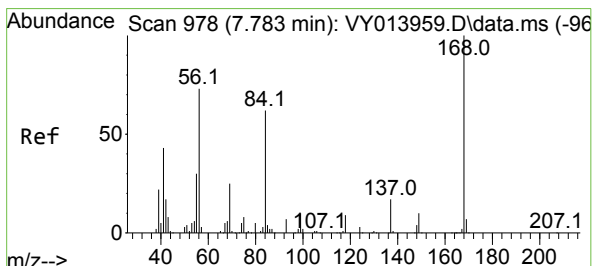
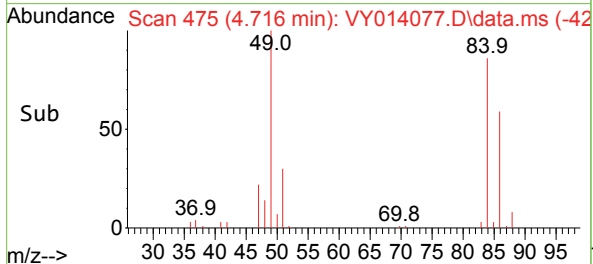
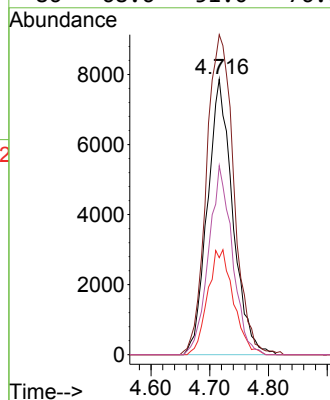
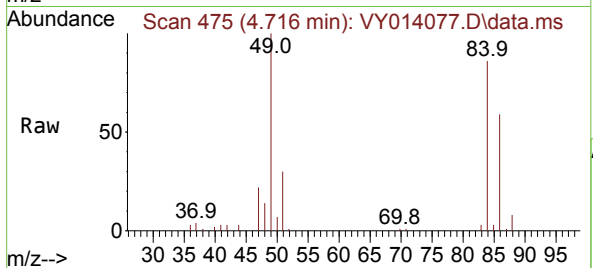




#20
Methylene Chloride
Concen: 8.632 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY014077.D
Acq: 08 Jun 2023 16:52

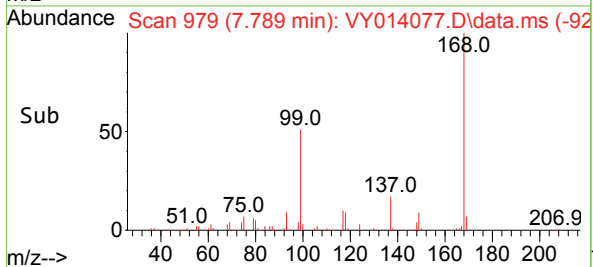
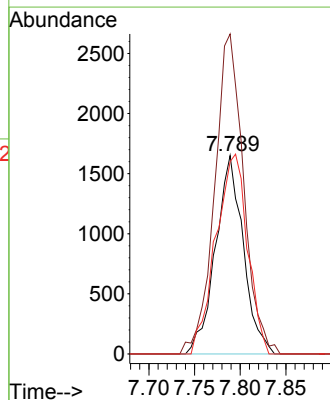
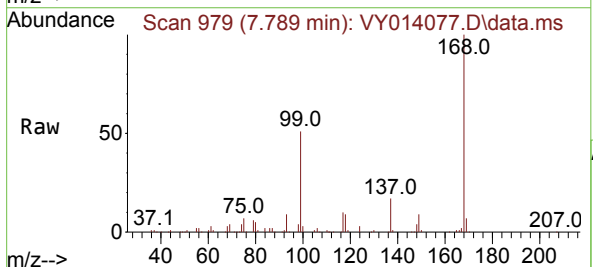
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

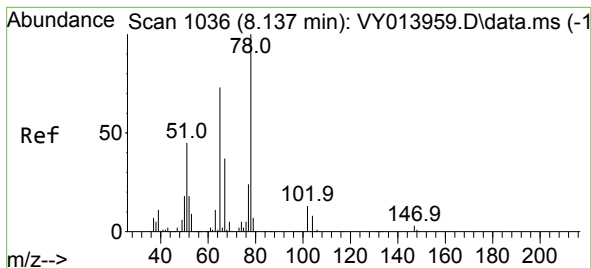
Tgt Ion:	84	Resp:	23491
Ion	Ratio	Lower	Upper
84	100		
49	116.2	106.9	160.3
51	35.2	33.2	49.8
86	68.6	51.0	76.6



#31
Cyclohexane
Concen: 1.362 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY014077.D
Acq: 08 Jun 2023 16:52

Tgt Ion:	56	Resp:	3487
Ion	Ratio	Lower	Upper
56	100		
69	161.3	27.8	41.6#
84	97.0	66.4	99.6





#33

1,2-Dichloroethane-d4

Concen: 57.518 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY014077.D

Acq: 08 Jun 2023 16:52

Instrument :

MSVOA_Y

ClientSampleId :

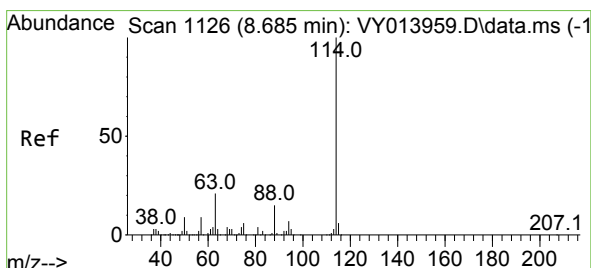
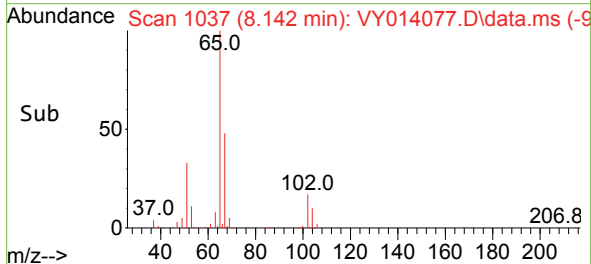
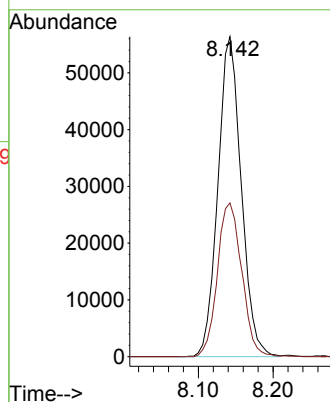
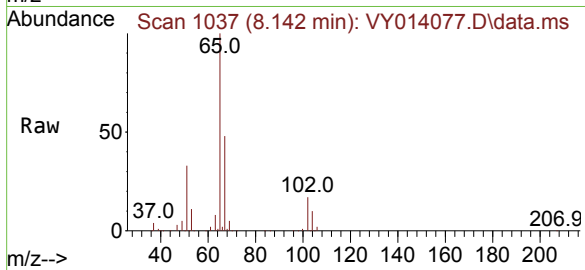
TP-1

Tgt Ion: 65 Resp: 122317

Ion Ratio Lower Upper

65 100

67 50.3 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: VY014077.D

Acq: 08 Jun 2023 16:52

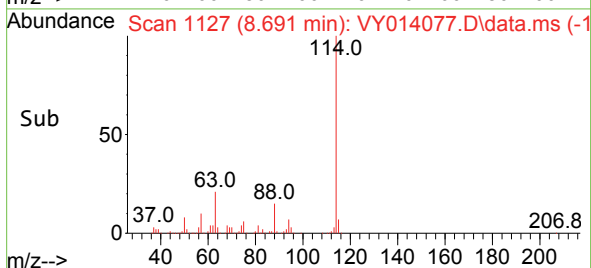
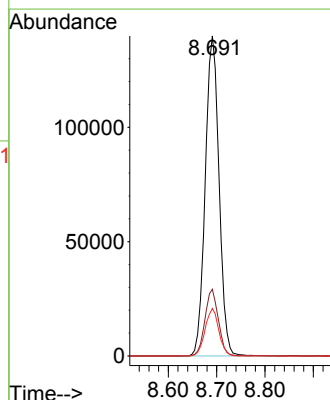
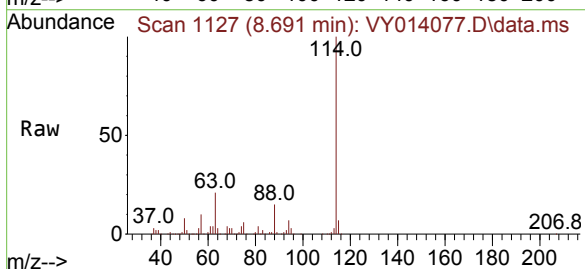
Tgt Ion:114 Resp: 277661

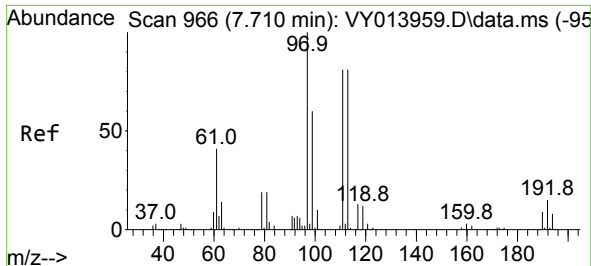
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.4

88 14.8 0.0 30.6

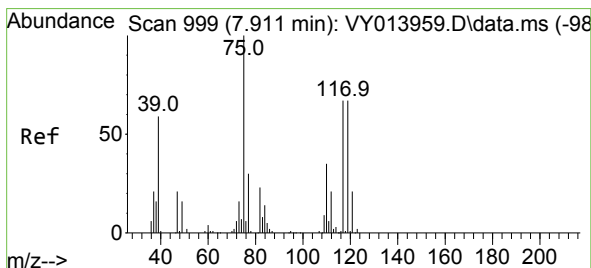
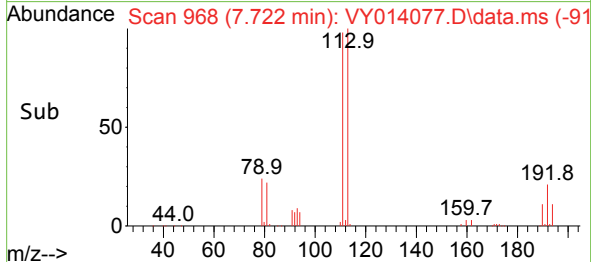
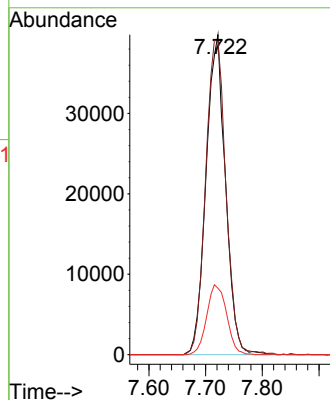
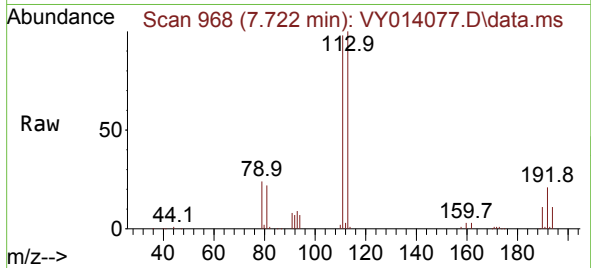




#35
Dibromofluoromethane
Concen: 53.564 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY014077.D
Acq: 08 Jun 2023 16:52

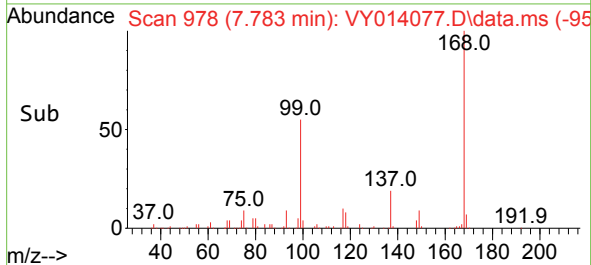
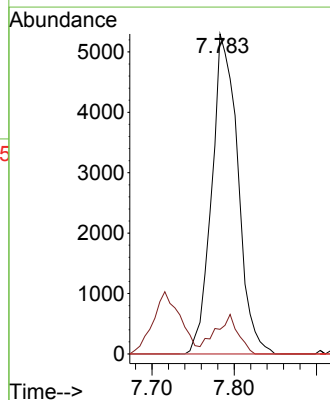
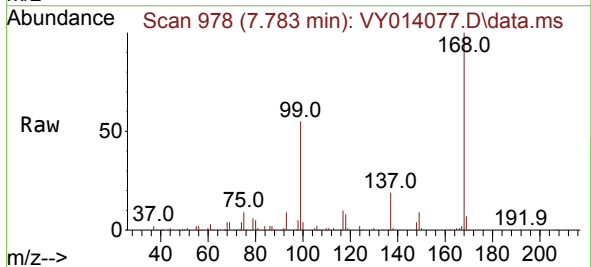
Instrument :
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TP-1

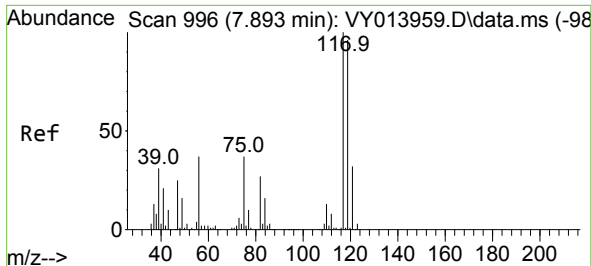
Tgt Ion:113 Resp: 94517
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 22.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.637 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY014077.D
Acq: 08 Jun 2023 16:52

Tgt Ion: 75 Resp: 11657
Ion Ratio Lower Upper
75 100
110 10.7 17.8 53.5#
77 0.0 24.4 36.6#

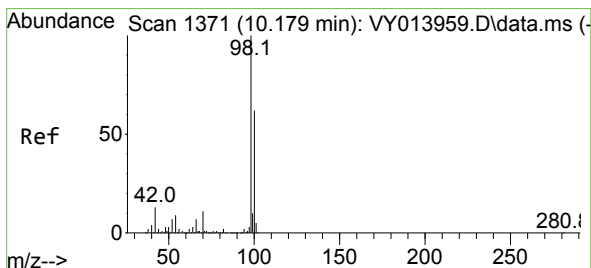
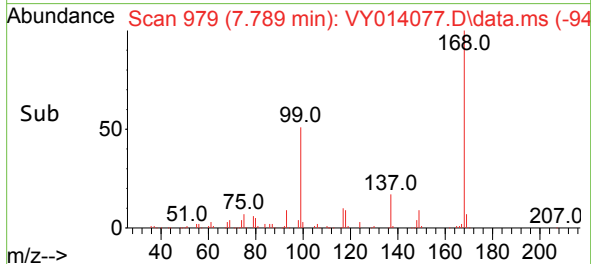
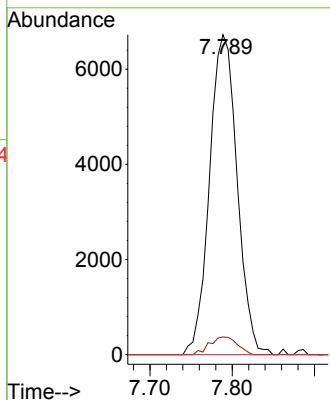
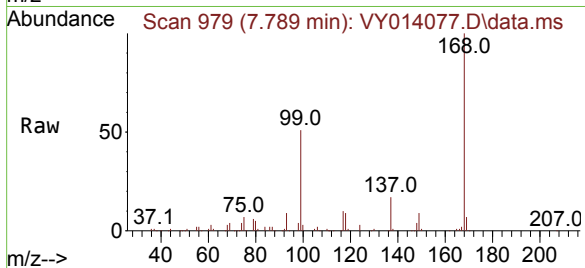




#38
Carbon Tetrachloride
Concen: 5.569 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY014077.D
Acq: 08 Jun 2023 16:52

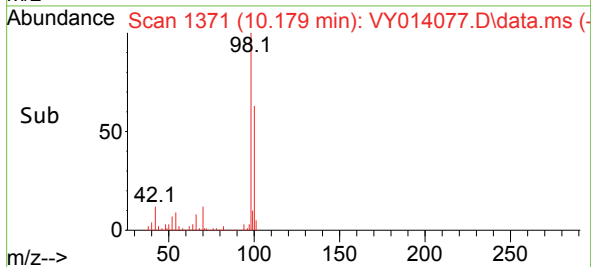
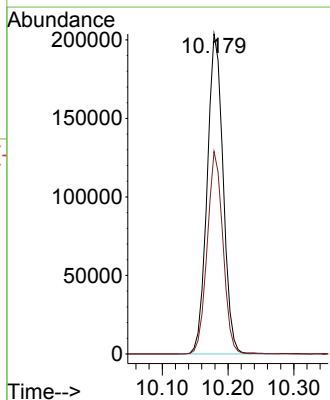
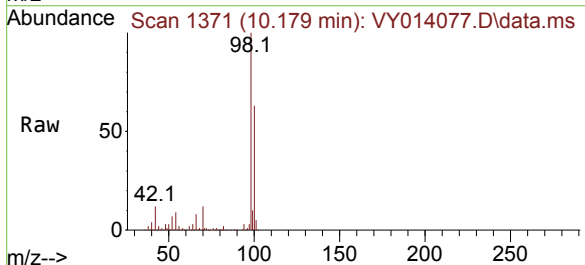
Instrument :
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ClientSampleId :
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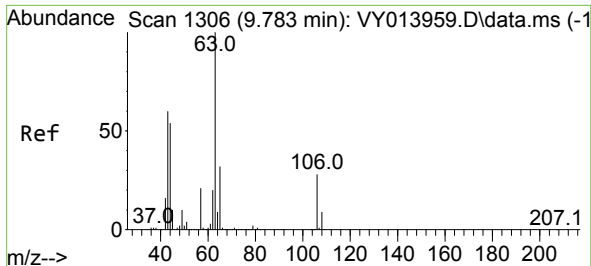
Tgt Ion:117 Resp: 15688
Ion Ratio Lower Upper
117 100
119 5.5 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 51.094 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014077.D
Acq: 08 Jun 2023 16:52

Tgt Ion: 98 Resp: 343901
Ion Ratio Lower Upper
98 100
100 62.3 50.1 75.1

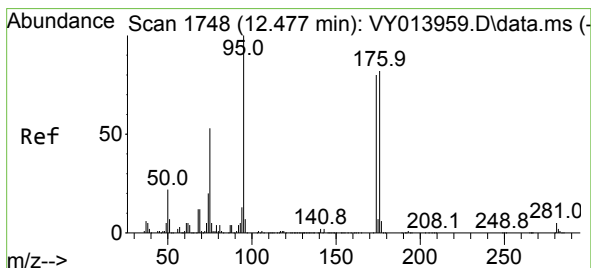
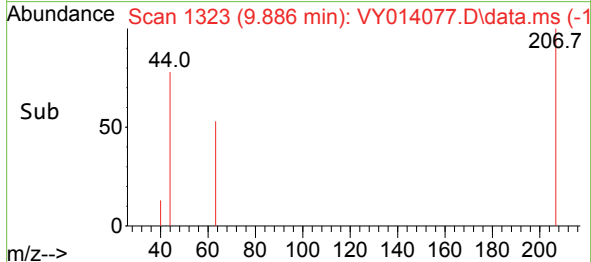
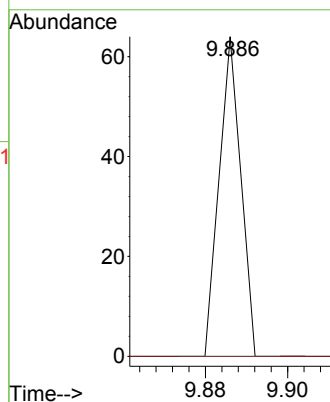
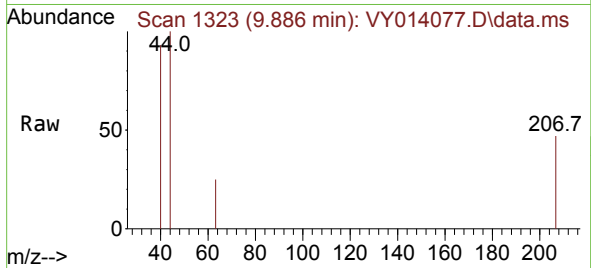




#58
2-Chloroethyl Vinyl ether
Concen: 23.124 ug/l
RT: 9.886 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY014077.D
Acq: 08 Jun 2023 16:52

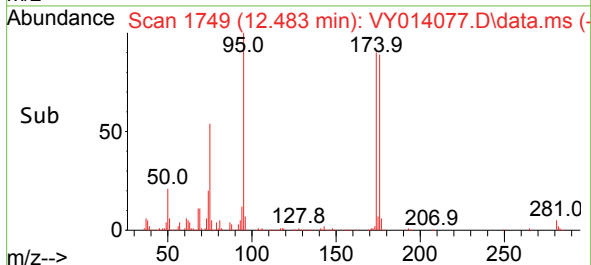
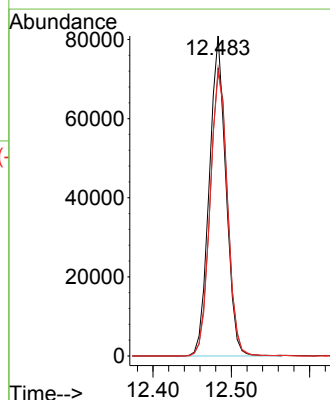
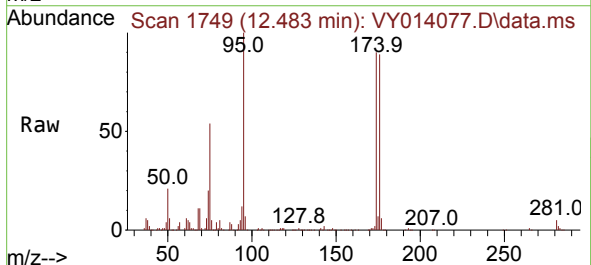
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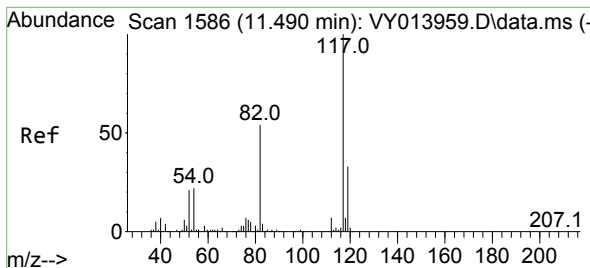
Tgt Ion: 63 Resp: 23
Ion Ratio Lower Upper
63 100
106 0.0 21.2 31.8#



#62
4-Bromofluorobenzene
Concen: 52.129 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014077.D
Acq: 08 Jun 2023 16:52

Tgt Ion: 95 Resp: 119619
Ion Ratio Lower Upper
95 100
174 93.5 0.0 178.2
176 92.0 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: VY014077.D

Acq: 08 Jun 2023 16:52

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

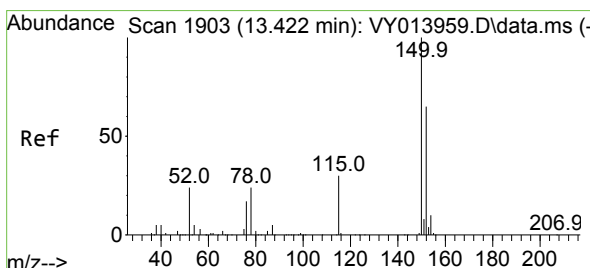
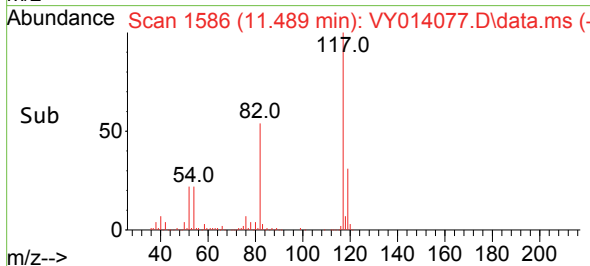
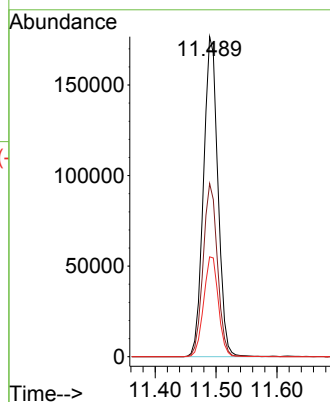
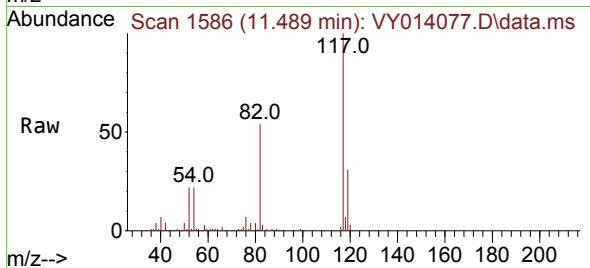
Tgt Ion:117 Resp: 290610

Ion Ratio Lower Upper

117 100

82 54.1 43.4 65.0

119 31.2 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: VY014077.D

Acq: 08 Jun 2023 16:52

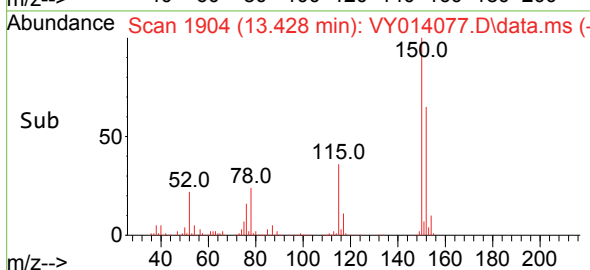
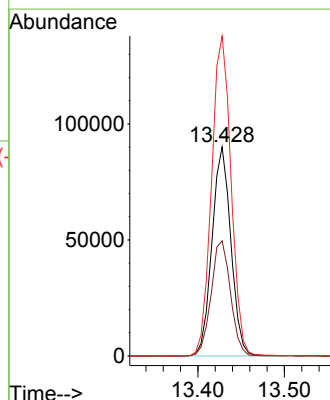
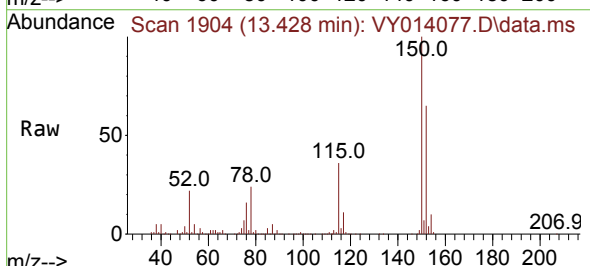
Tgt Ion:152 Resp: 136341

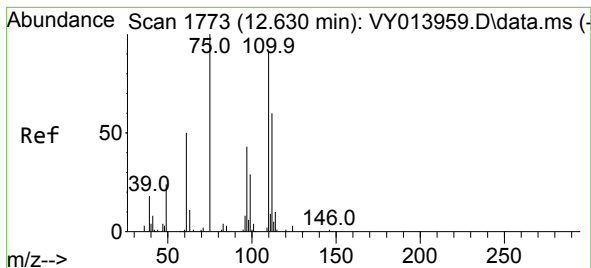
Ion Ratio Lower Upper

152 100

115 56.7 28.8 86.5

150 158.5 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 36.787 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.147 min

Lab File: VY014077.D

Acq: 08 Jun 2023 16:52

Instrument :

MSVOA_Y

ClientSampleId :

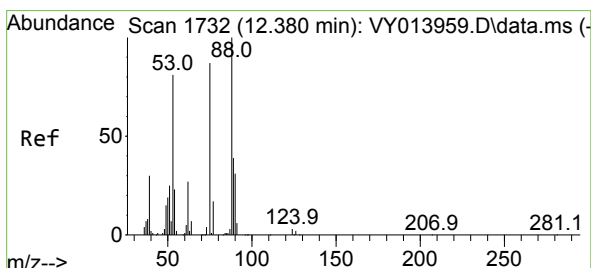
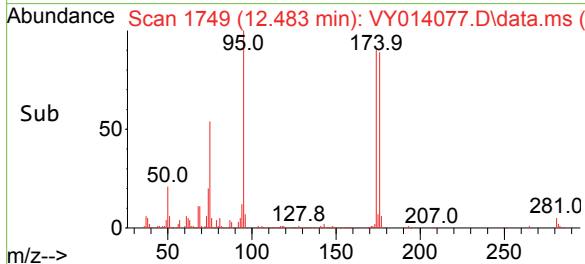
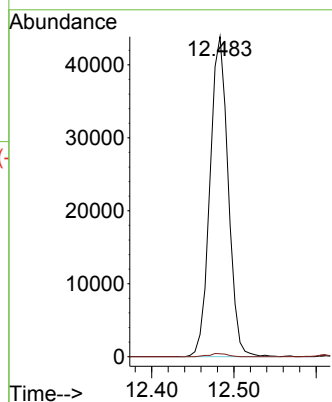
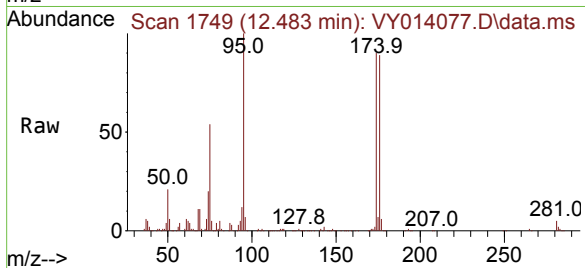
TP-1

Tgt Ion: 75 Resp: 67495

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.045 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.103 min

Lab File: VY014077.D

Acq: 08 Jun 2023 16:52

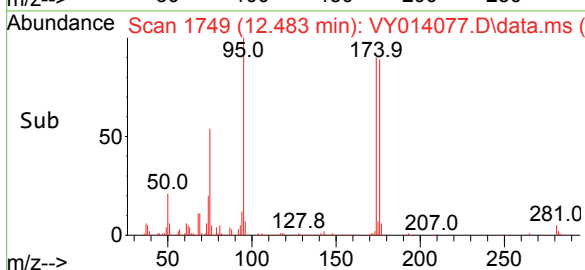
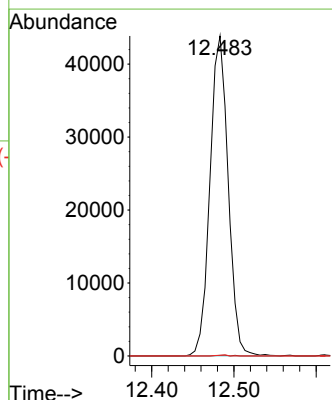
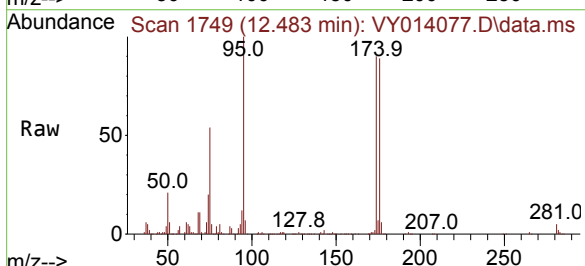
Tgt Ion: 75 Resp: 67495

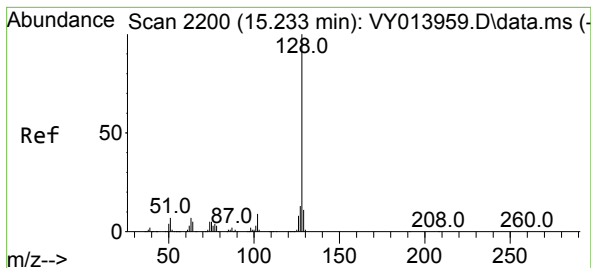
Ion Ratio Lower Upper

75 100

53 0.2 77.8 116.8#

89 0.2 37.4 56.0#





#95

Naphthalene

Concen: 4.188 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY014077.D

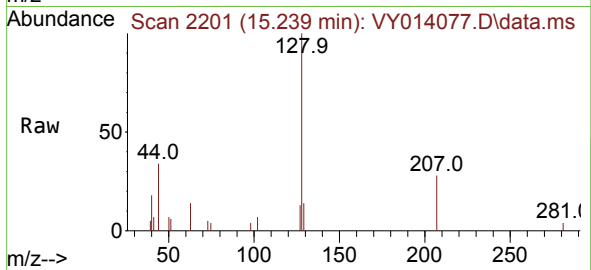
Acq: 08 Jun 2023 16:52

Instrument :

MSVOA_Y

ClientSampleId :

TP-1



Tgt Ion:128 Resp: 2118

Ion Ratio Lower Upper

128 100

127 12.6 10.8 16.2

129 6.5 8.6 13.0#

