

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020425\
 Data File : VY021058.D
 Acq On : 04 Feb 2025 15:03
 Operator : SY/MD
 Sample : Q1232-09
 Misc : 11.52g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 05 00:47:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

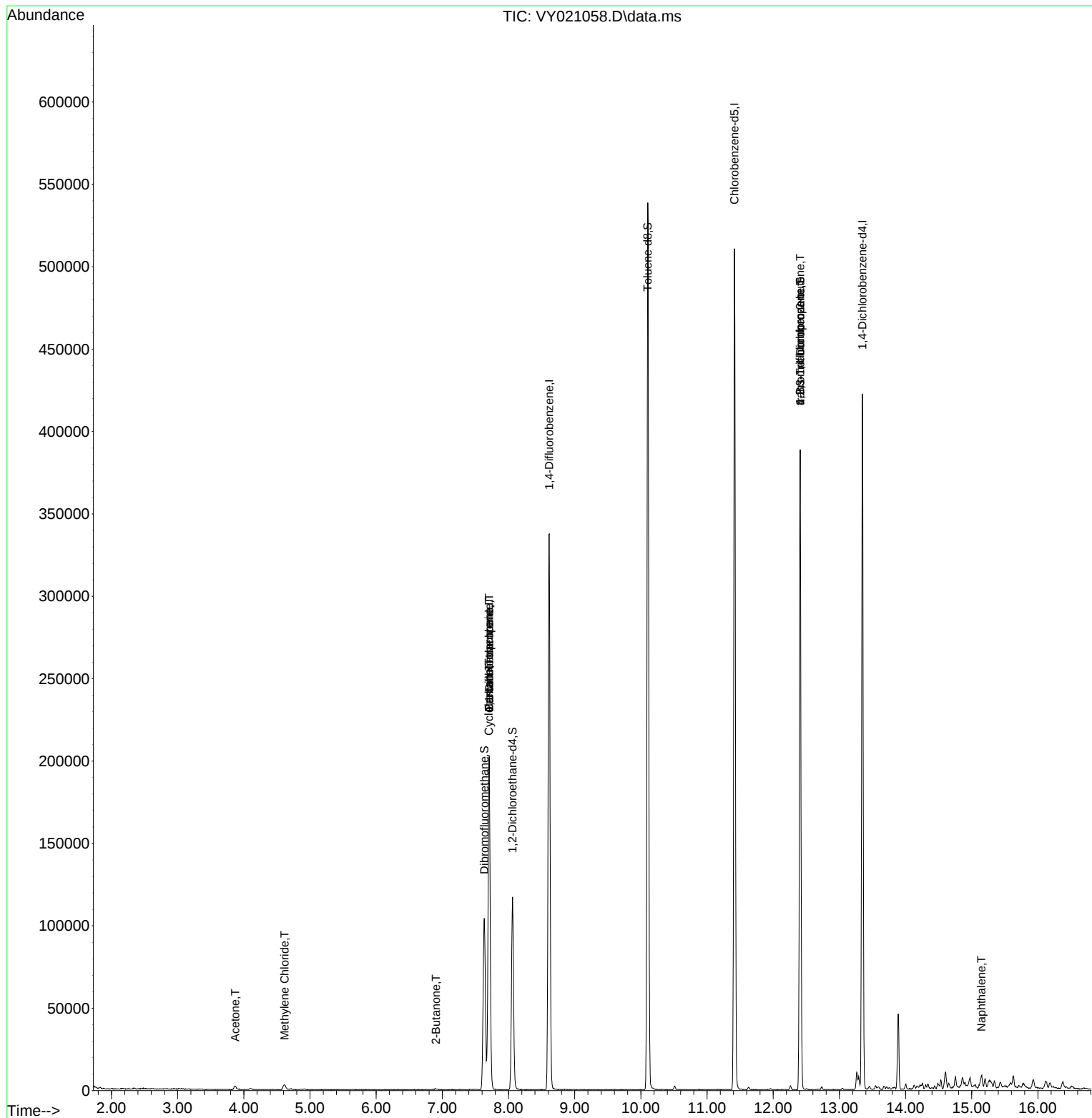
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	151174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	284356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	260317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	104742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	92035	59.420	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.840%	
35) Dibromofluoromethane	7.634	113	73028	40.074	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 80.140%	
50) Toluene-d8	10.103	98	349551	50.384	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.760%	
62) 4-Bromofluorobenzene	12.408	95	108337	47.798	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.600%	
Target Compounds						
16) Acetone	3.873	43	3610	14.945	ug/l	Qvalue 94
20) Methylene Chloride	4.616	84	2260	1.505	ug/l #	85
25) 2-Butanone	6.902	43	857	2.159	ug/l #	76
31) Cyclohexane	7.701	56	3345	1.266	ug/l #	33
36) 1,1-Dichloropropene	7.707	75	11707	4.337	ug/l #	51
38) Carbon Tetrachloride	7.707	117	15560	4.934	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	60586	63.765	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	60586	130.112	ug/l #	12
95) Naphthalene	15.145	128	5958	2.114	ug/l #	96

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

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Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

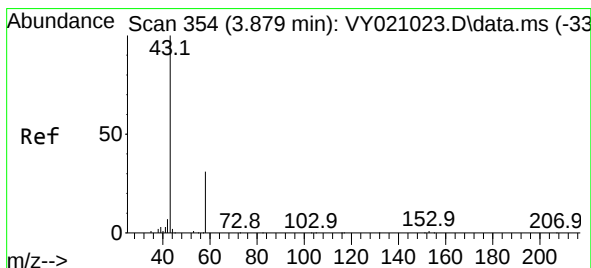
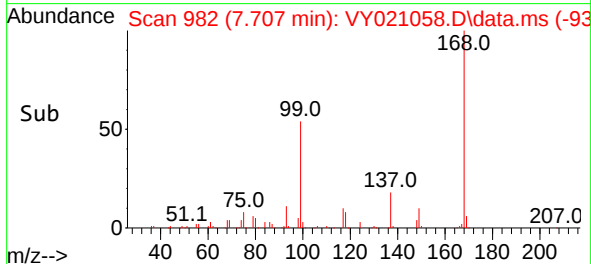
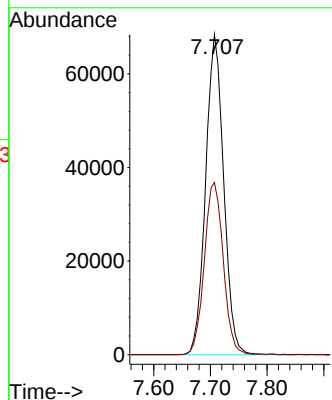
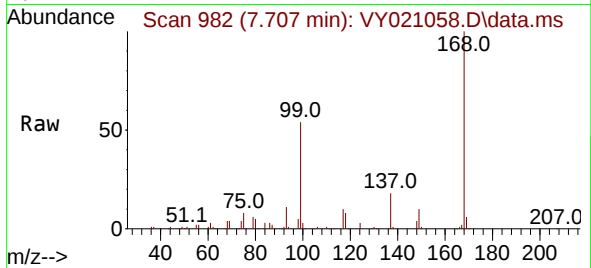




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY021058.D
Acq: 04 Feb 2025 15:03

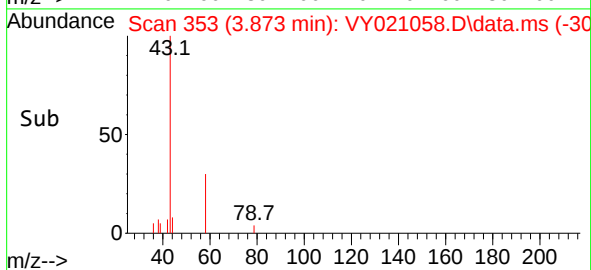
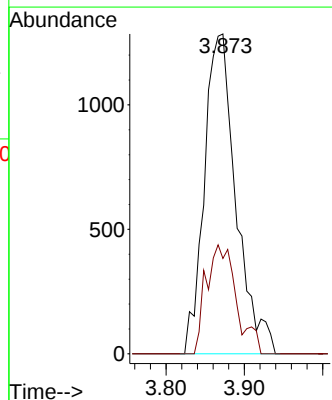
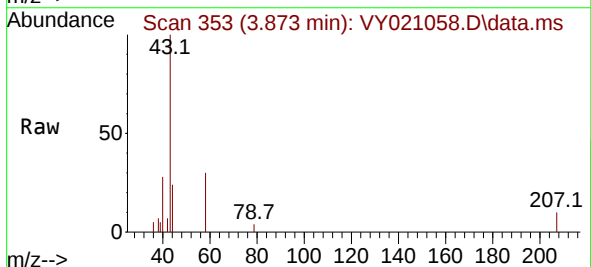
Instrument :
MSVOA_Y
ClientSampleId :

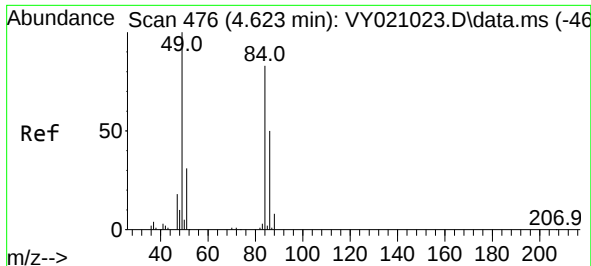
Tgt Ion:168 Resp: 151174
Ion Ratio Lower Upper
168 100
99 53.9 44.2 66.4



#16
Acetone
Concen: 14.945 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY021058.D
Acq: 04 Feb 2025 15:03

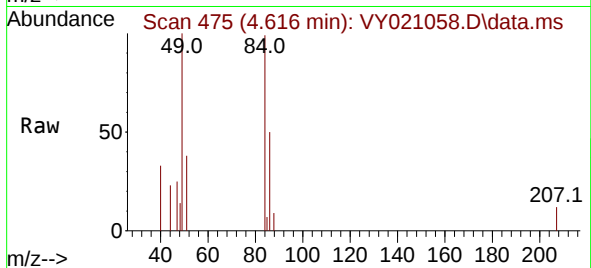
Tgt Ion: 43 Resp: 3610
Ion Ratio Lower Upper
43 100
58 29.8 26.6 39.8



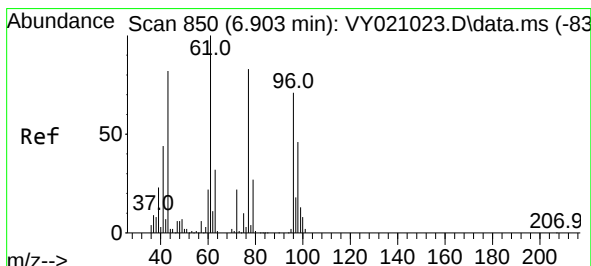
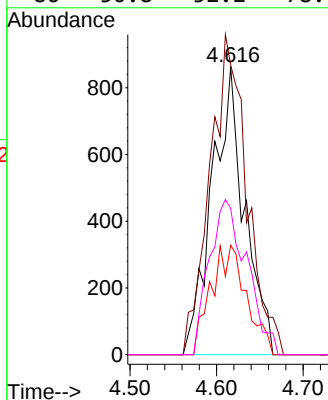
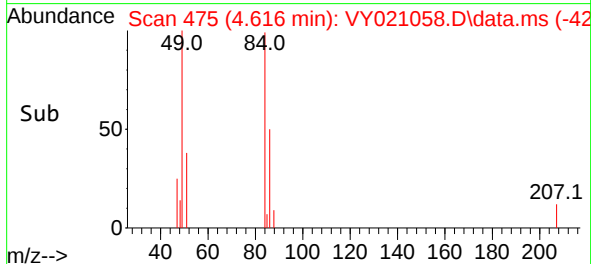


#20
Methylene Chloride
Concen: 1.505 ug/l
RT: 4.616 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY021058.D
Acq: 04 Feb 2025 15:03

Instrument :
MSVOA_Y
ClientSampleId :

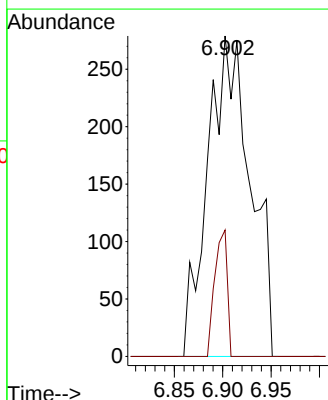
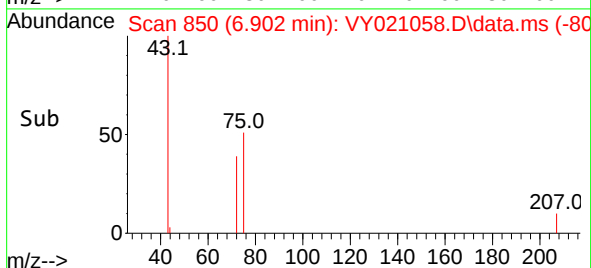
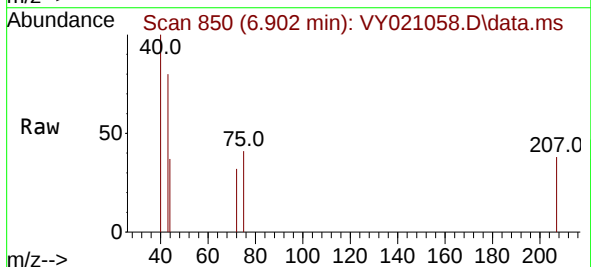


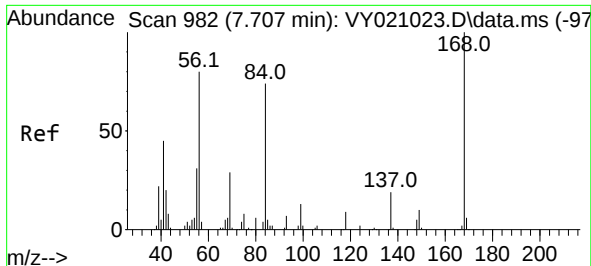
Tgt Ion:	84	Resp:	2260
Ion	Ratio	Lower	Upper
84	100		
49	100.6	95.2	142.8
51	38.0	29.9	44.9
86	50.8	52.2	78.4



#25
2-Butanone
Concen: 2.159 ug/l
RT: 6.902 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY021058.D
Acq: 04 Feb 2025 15:03

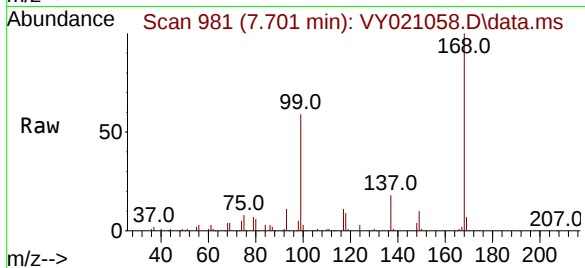
Tgt Ion:	43	Resp:	857
Ion	Ratio	Lower	Upper
43	100		
72	39.4	21.4	32.2



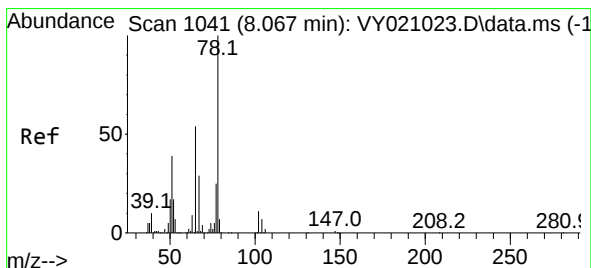
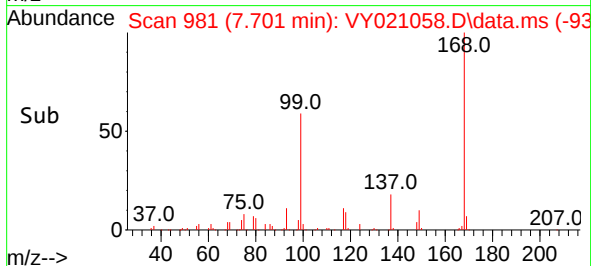
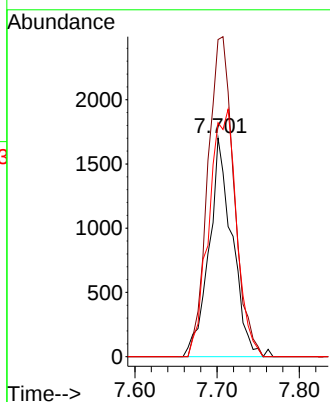


#31
Cyclohexane
Concen: 1.266 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021058.D
Acq: 04 Feb 2025 15:03

Instrument :
MSVOA_Y
ClientSampleId :

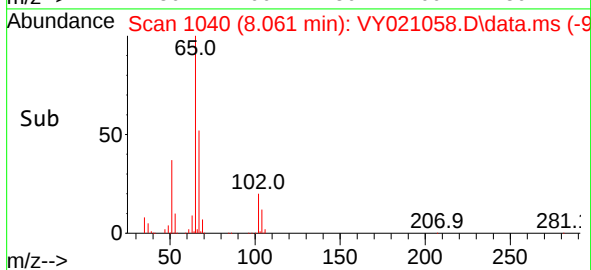
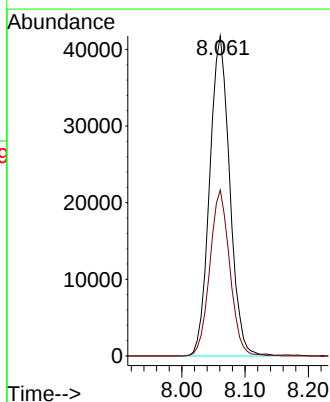
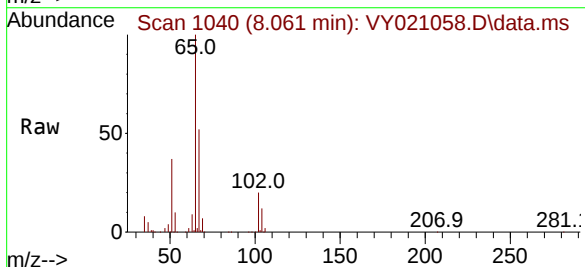


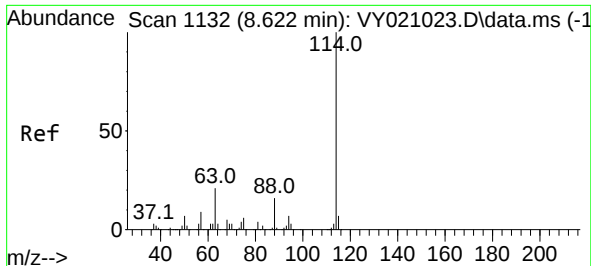
Tgt Ion: 56 Resp: 3345
Ion Ratio Lower Upper
56 100
69 145.0 27.0 40.6#
84 106.9 71.8 107.6



#33
1,2-Dichloroethane-d4
Concen: 59.420 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021058.D
Acq: 04 Feb 2025 15:03

Tgt Ion: 65 Resp: 92035
Ion Ratio Lower Upper
65 100
67 51.5 0.0 109.0

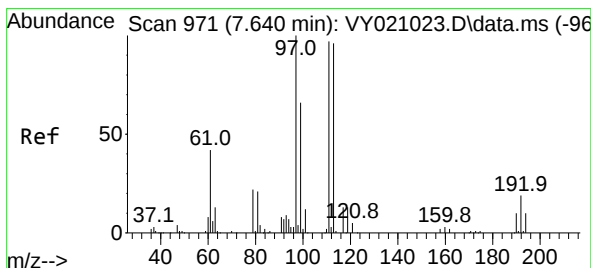
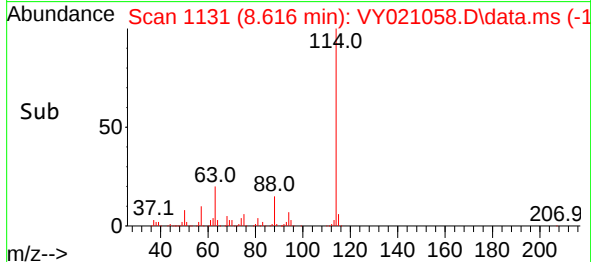
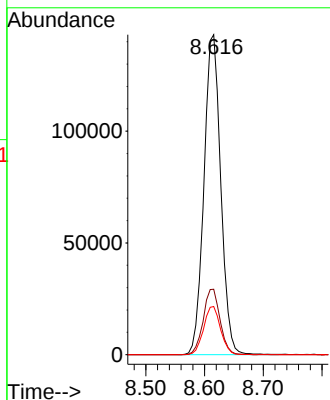
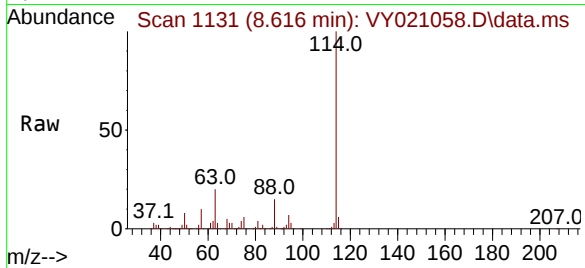




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021058.D
Acq: 04 Feb 2025 15:03

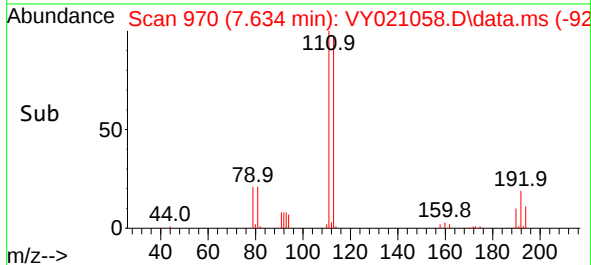
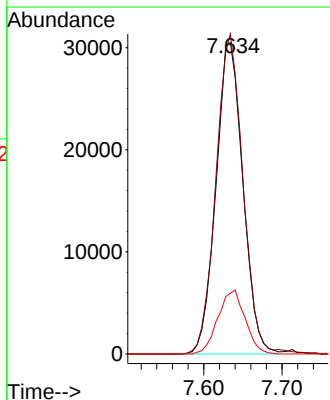
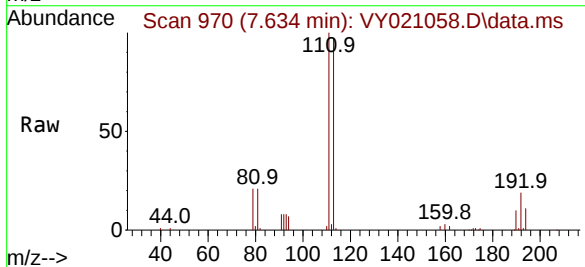
Instrument :
MSVOA_Y
ClientSampleId :

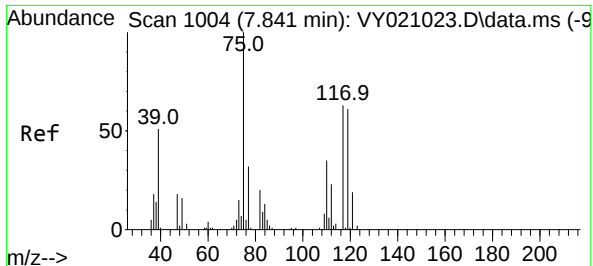
Tgt Ion:114 Resp: 284356
Ion Ratio Lower Upper
114 100
63 20.4 0.0 37.4
88 15.1 0.0 29.0



#35
Dibromofluoromethane
Concen: 40.074 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021058.D
Acq: 04 Feb 2025 15:03

Tgt Ion:113 Resp: 73028
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 20.6 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.337 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.134 min

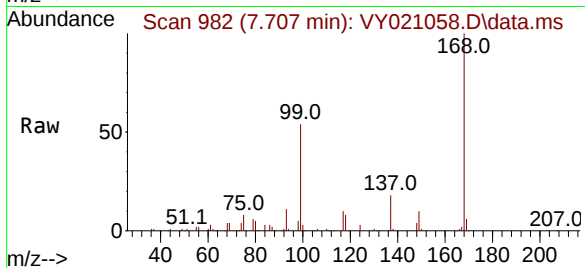
Lab File: VY021058.D

Acq: 04 Feb 2025 15:03

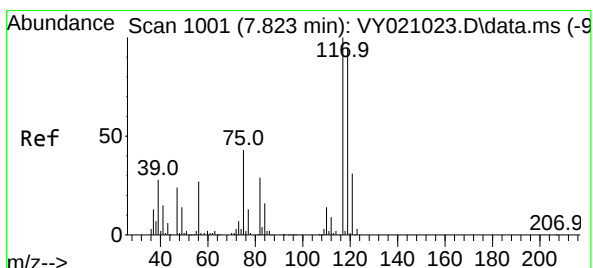
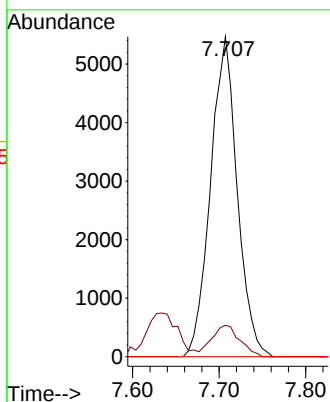
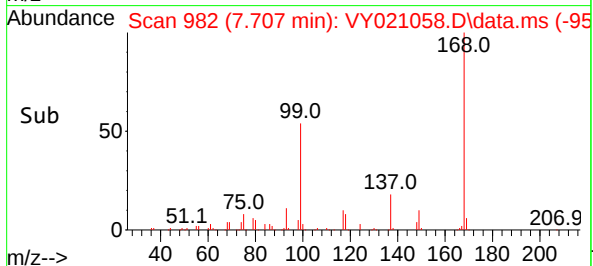
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	75	Resp:	11707
Ion Ratio	Lower	Upper	
75	100		
110	10.3	17.4	52.3#
77	0.0	24.7	37.1#



#38

Carbon Tetrachloride

Concen: 4.934 ug/l

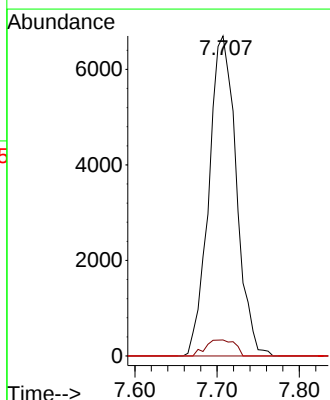
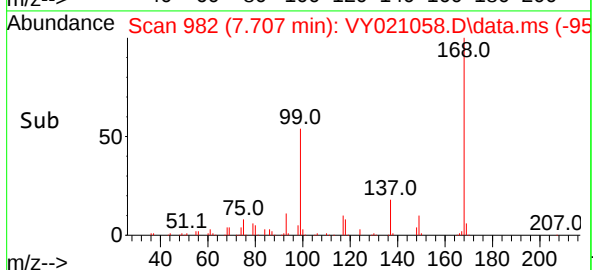
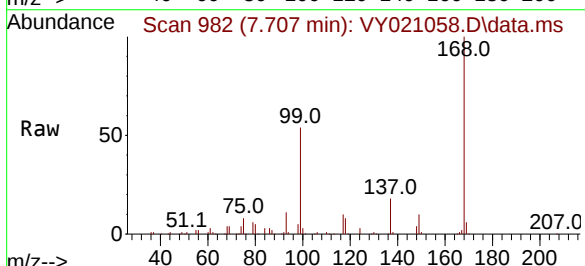
RT: 7.707 min Scan# 982

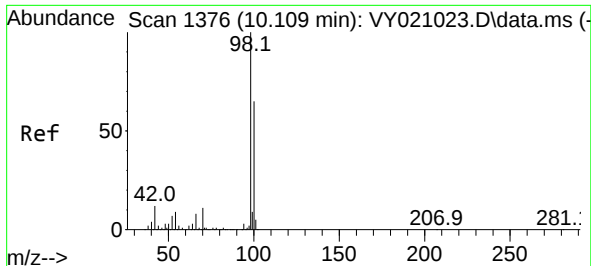
Delta R.T. -0.116 min

Lab File: VY021058.D

Acq: 04 Feb 2025 15:03

Tgt Ion:	117	Resp:	15560
Ion Ratio	Lower	Upper	
117	100		
119	5.0	76.0	114.0#
121	0.0	24.2	36.2#

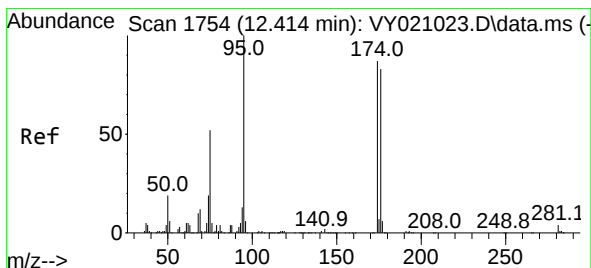
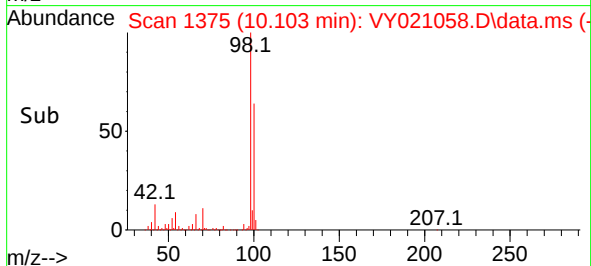
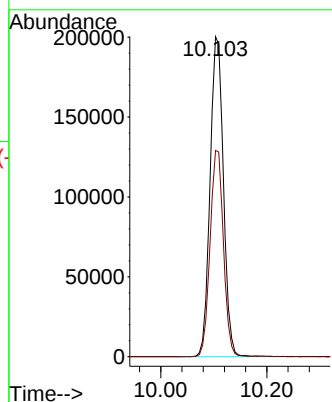
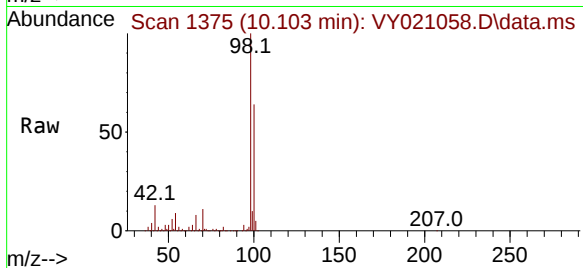




#50
Toluene-d8
Concen: 50.384 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021058.D
Acq: 04 Feb 2025 15:03

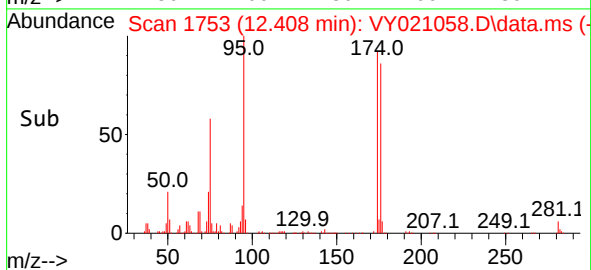
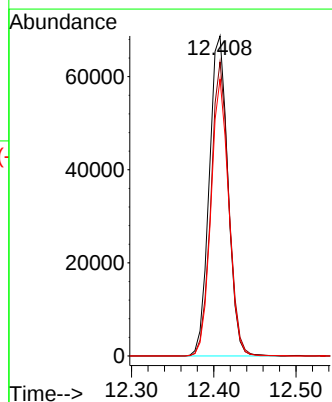
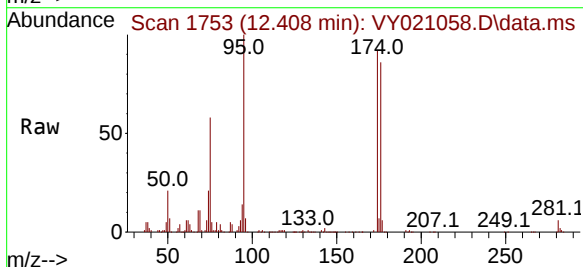
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MSVOA_Y
ClientSampleId :

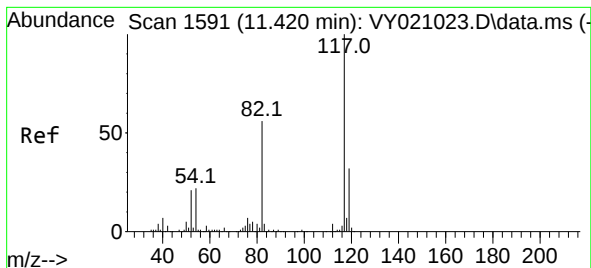
Tgt Ion: 98 Resp: 349551
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 47.798 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021058.D
Acq: 04 Feb 2025 15:03

Tgt Ion: 95 Resp: 108337
Ion Ratio Lower Upper
95 100
174 88.1 0.0 160.0
176 82.5 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021058.D

Acq: 04 Feb 2025 15:03

Instrument :

MSVOA_Y

ClientSampleId :

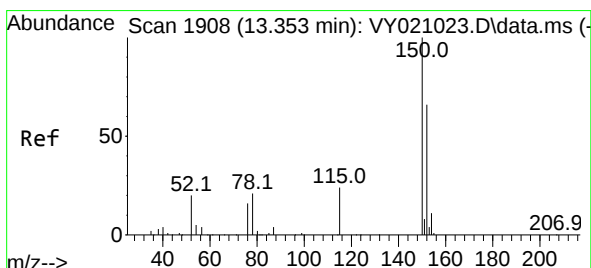
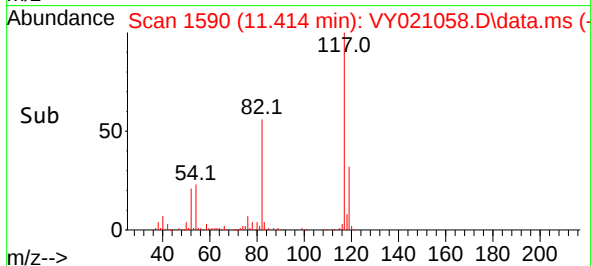
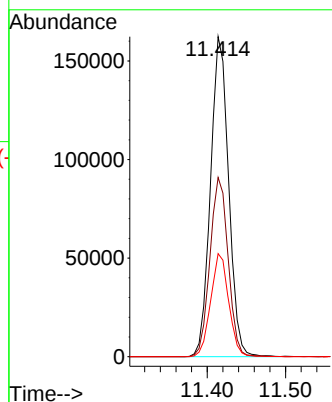
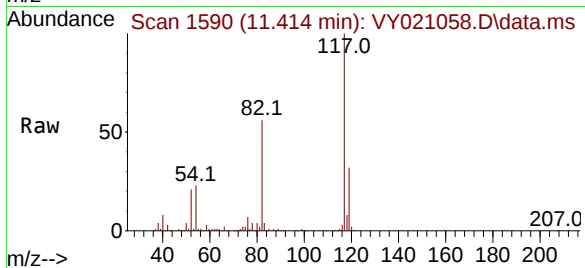
Tgt Ion:117 Resp: 260317

Ion Ratio Lower Upper

117 100

82 56.0 43.8 65.8

119 32.2 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY021058.D

Acq: 04 Feb 2025 15:03

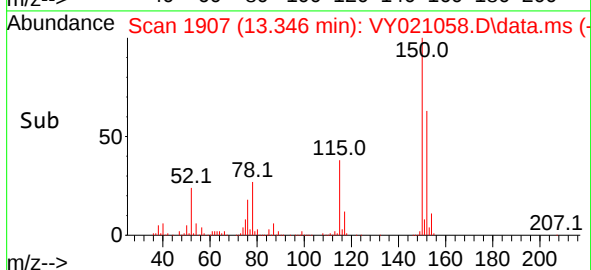
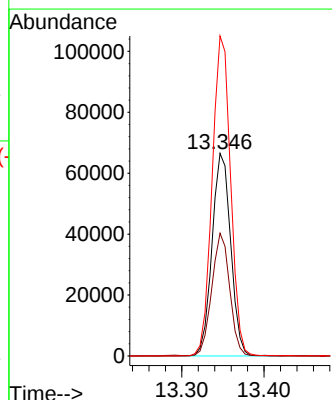
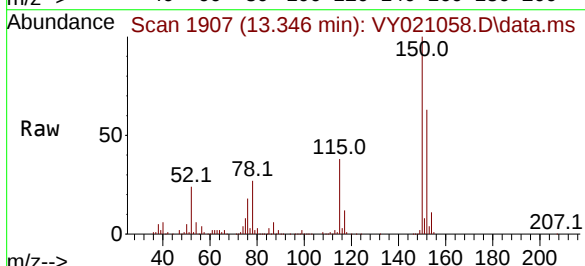
Tgt Ion:152 Resp: 104742

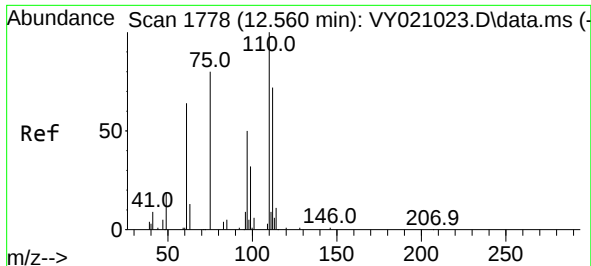
Ion Ratio Lower Upper

152 100

115 58.3 30.0 90.0

150 156.2 0.0 344.6

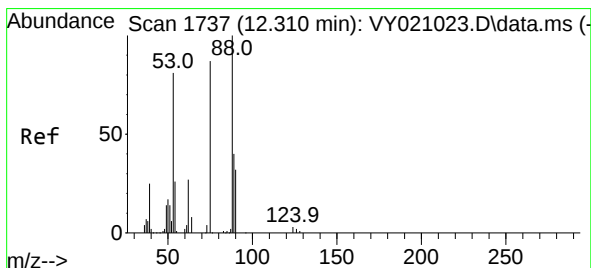
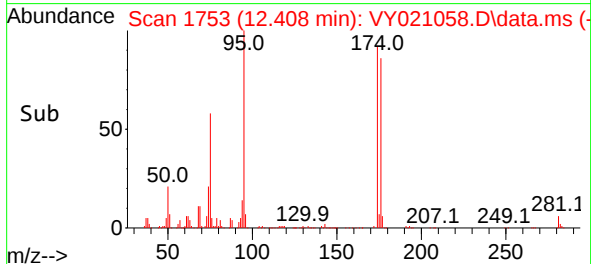
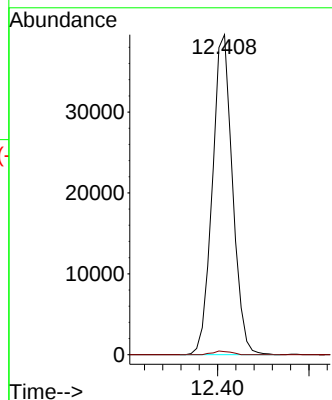
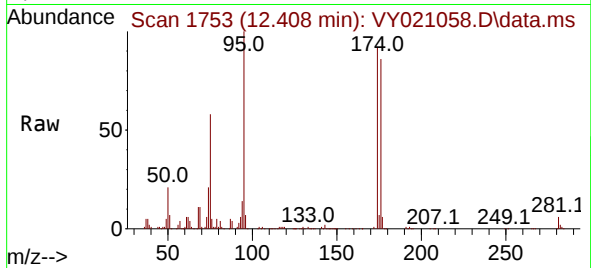




#76
1,2,3-Trichloropropane
Concen: 63.765 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.153 min
Lab File: VY021058.D
Acq: 04 Feb 2025 15:03

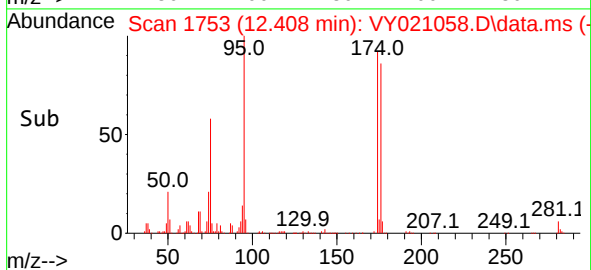
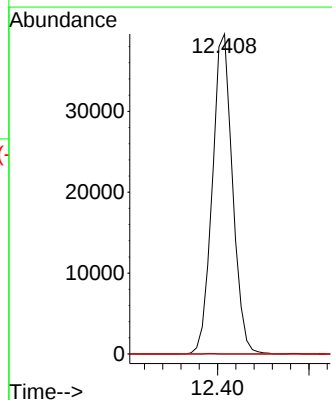
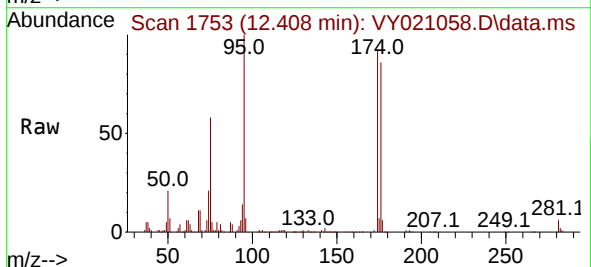
Instrument :
MSVOA_Y
ClientSampleId :

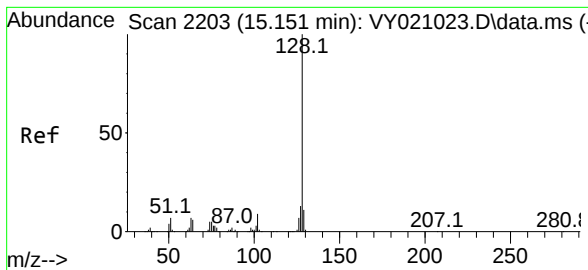
Tgt Ion: 75 Resp: 60586
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 130.112 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.097 min
Lab File: VY021058.D
Acq: 04 Feb 2025 15:03

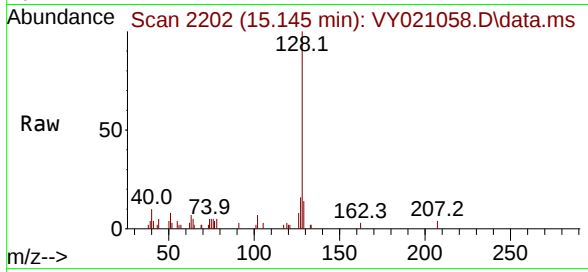
Tgt Ion: 75 Resp: 60586
Ion Ratio Lower Upper
75 100
53 0.1 74.0 111.0#
89 0.0 36.5 54.7#





#95
 Naphthalene
 Concen: 2.114 ug/l
 RT: 15.145 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY021058.D
 Acq: 04 Feb 2025 15:03

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	128	Resp:	5958
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	13.9	8.6	12.8#

