

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017176.D
 Acq On : 02 Feb 2024 10:33
 Operator : SY/MD
 Sample : VY0202SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0202SBL01

Quant Time: Feb 02 22:27:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

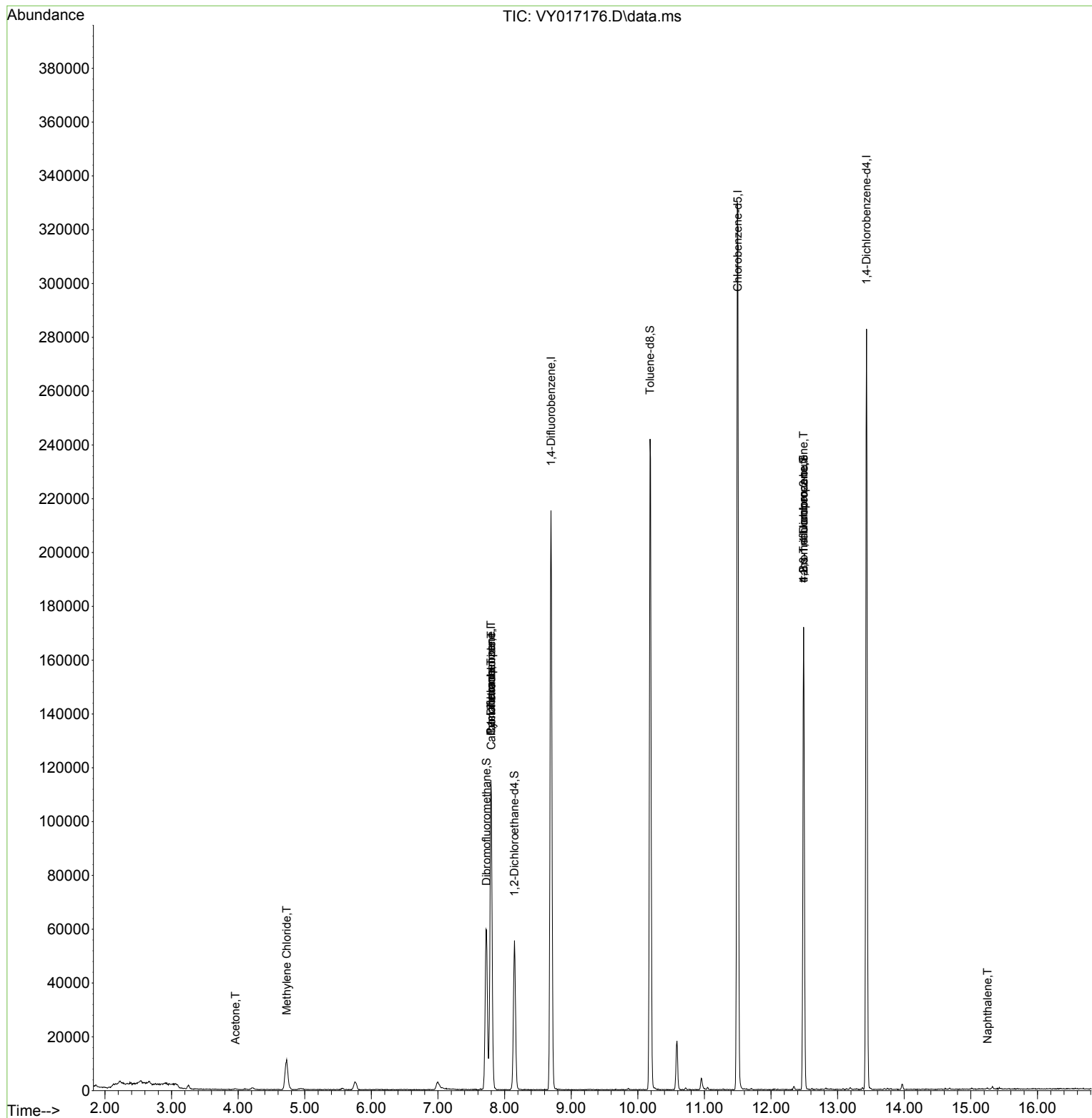
Internal Standards						
1) Pentafluorobenzene	7.795	168	84859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	184260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	179940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	68983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	41106	54.224	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.440%	
35) Dibromofluoromethane	7.728	113	43282	43.504	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 87.000%	
50) Toluene-d8	10.185	98	159369	43.997	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 88.000%	
62) 4-Bromofluorobenzene	12.489	95	52219	44.007	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.020%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	696	Below Cal	#	75
16) Acetone	3.960	43	569	2.554	ug/l	92
20) Methylene Chloride	4.729	84	8108	5.787	ug/l	92
31) Cyclohexane	7.795	56	2129	1.393	ug/l #	14
36) 1,1-Dichloropropene	7.795	75	7451	4.342	ug/l #	49
38) Carbon Tetrachloride	7.801	117	8891	5.411	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	27610	43.364	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	27610	90.105	ug/l #	12
95) Naphthalene	15.251	128	533	3.695	ug/l #	69

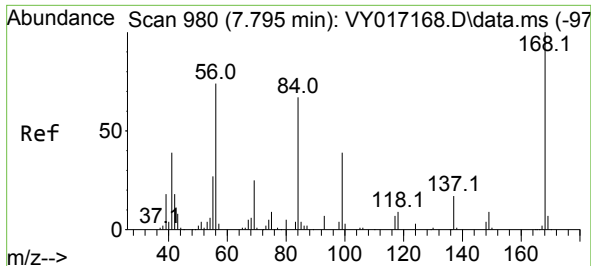
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBL01

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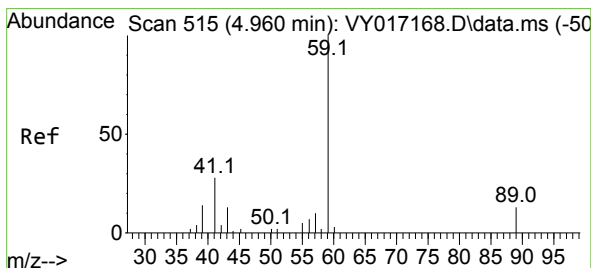
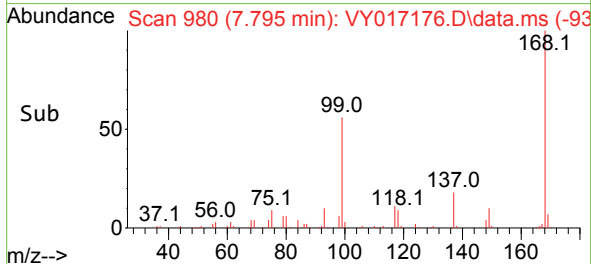
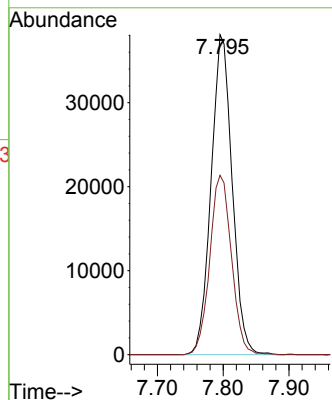
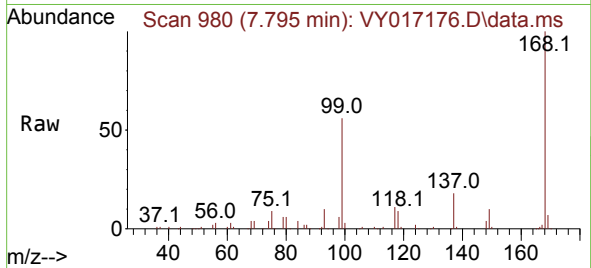




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017176.D
Acq: 02 Feb 2024 10:33

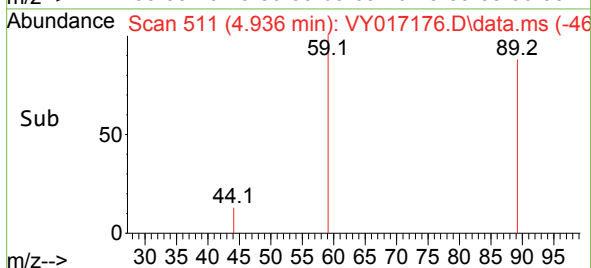
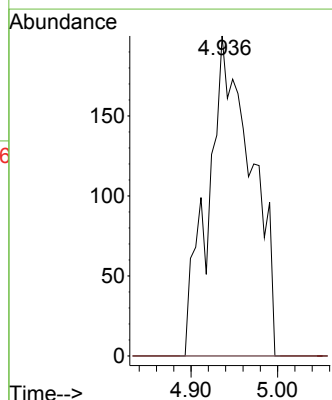
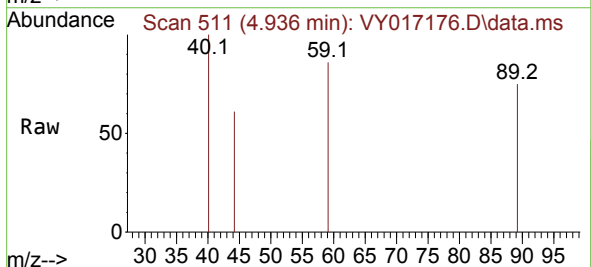
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBL01

Tgt Ion:168 Resp: 84859
Ion Ratio Lower Upper
168 100
99 56.0 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.024 min
Lab File: VY017176.D
Acq: 02 Feb 2024 10:33

Tgt Ion: 59 Resp: 696
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

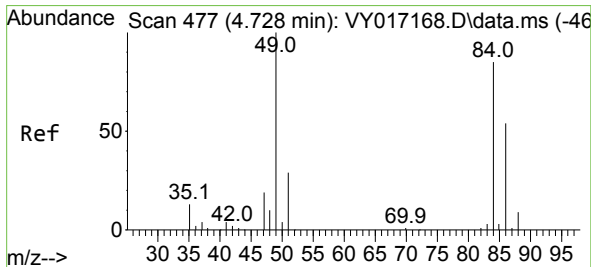
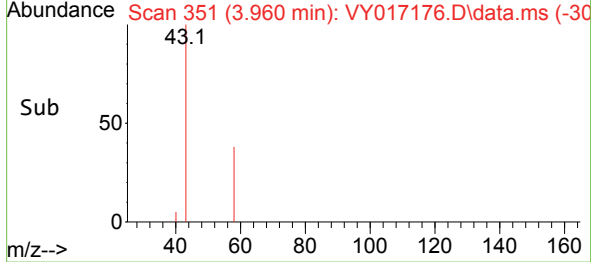
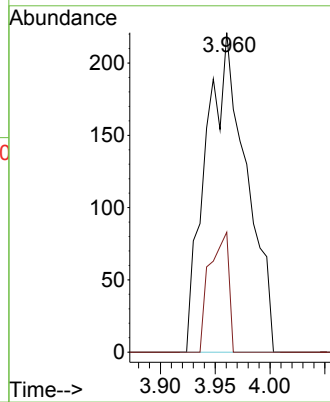
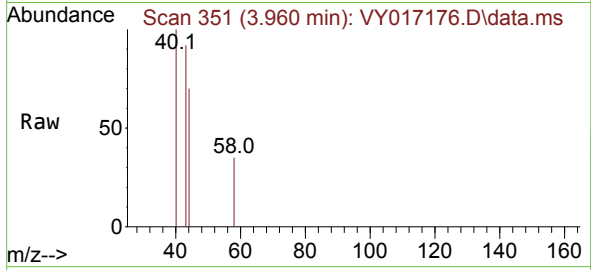




#16
Acetone
Concen: 2.554 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.013 min
Lab File: VY017176.D
Acq: 02 Feb 2024 10:33

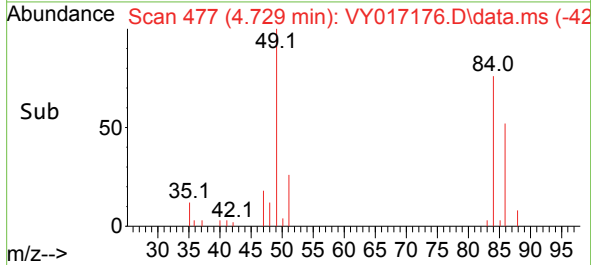
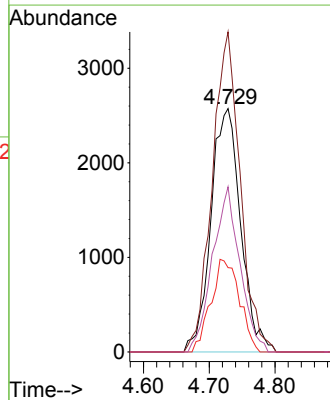
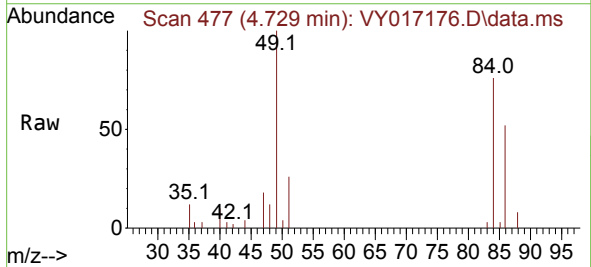
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBL01

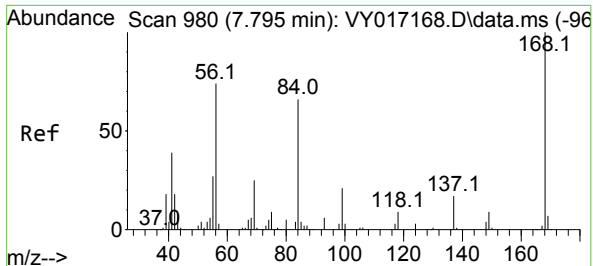
Tgt Ion: 43 Resp: 569
Ion Ratio Lower Upper
43 100
58 37.6 26.6 39.8



#20
Methylene Chloride
Concen: 5.787 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.001 min
Lab File: VY017176.D
Acq: 02 Feb 2024 10:33

Tgt Ion: 84 Resp: 8108
Ion Ratio Lower Upper
84 100
49 131.5 95.2 142.8
51 34.6 29.9 44.9
86 67.9 52.2 78.4

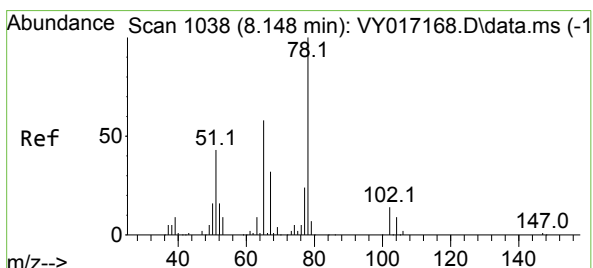
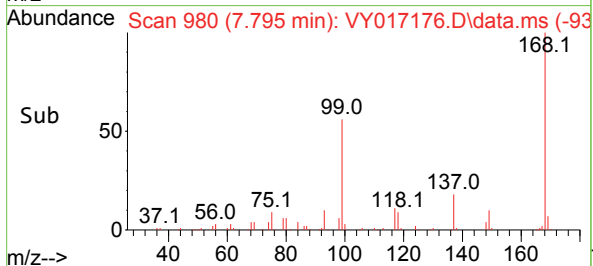
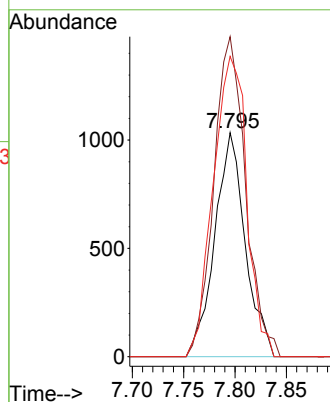
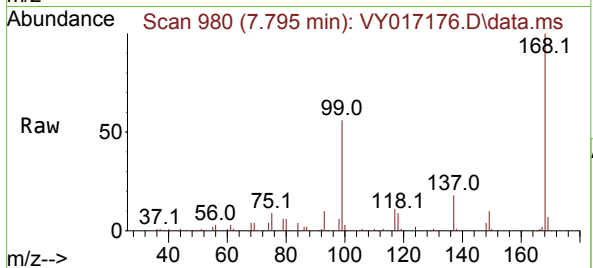




#31
Cyclohexane
Concen: 1.393 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017176.D
Acq: 02 Feb 2024 10:33

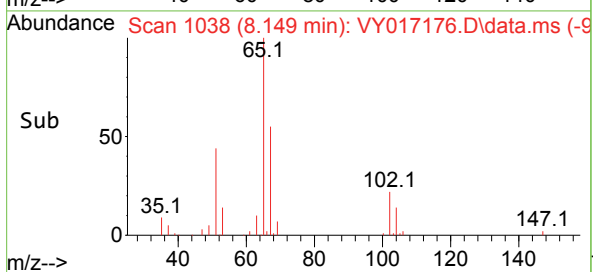
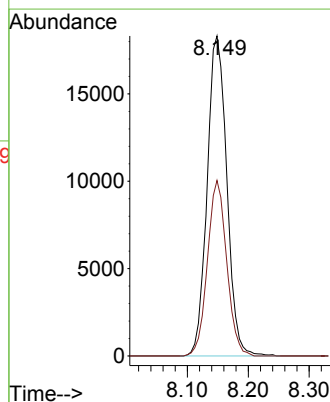
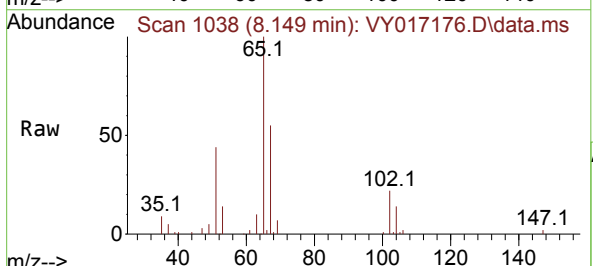
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBL01

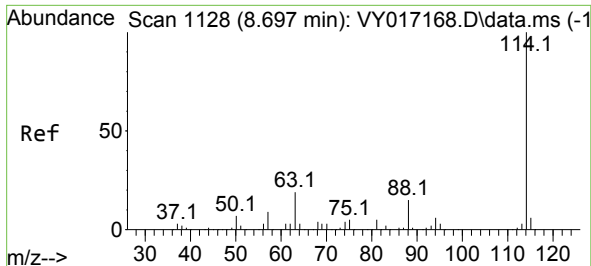
Tgt Ion: 56 Resp: 2129
Ion Ratio Lower Upper
56 100
69 142.8 27.0 40.6#
84 134.0 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 54.224 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017176.D
Acq: 02 Feb 2024 10:33

Tgt Ion: 65 Resp: 41106
Ion Ratio Lower Upper
65 100
67 53.7 0.0 109.0

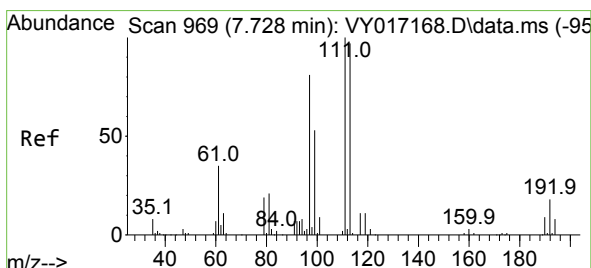
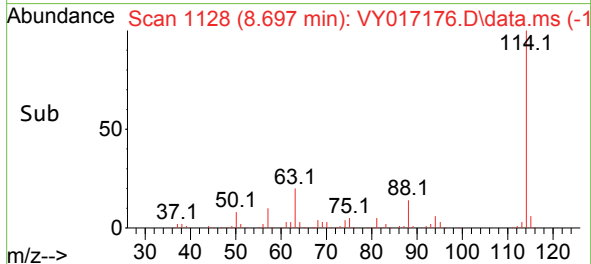
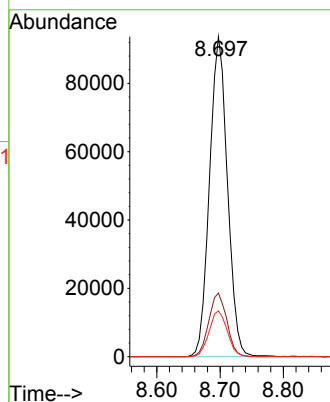
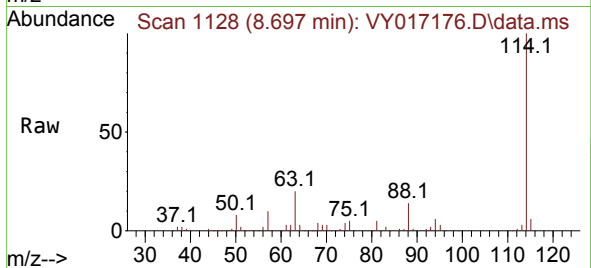




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY017176.D
Acq: 02 Feb 2024 10:33

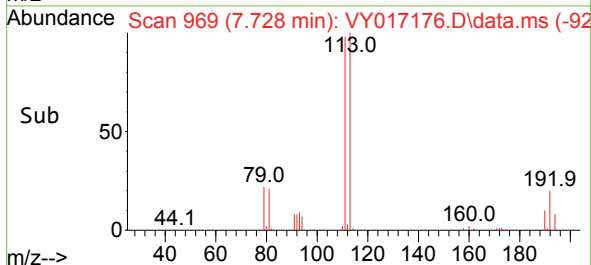
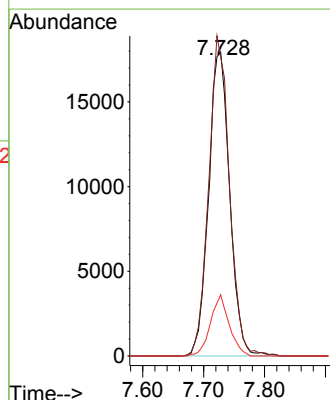
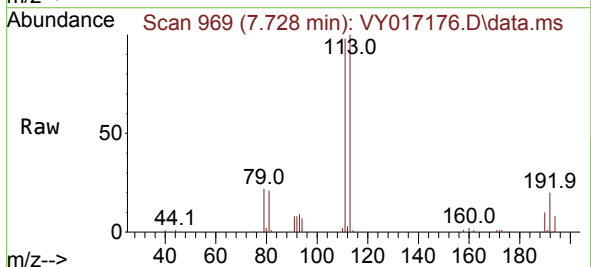
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBL01

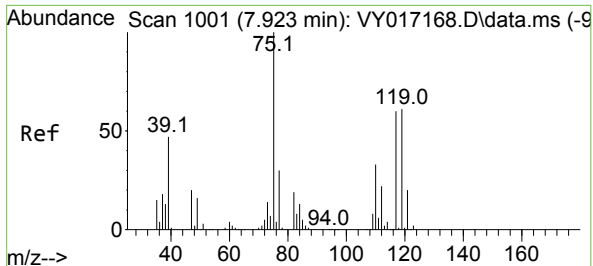
Tgt Ion:114 Resp: 184260
Ion Ratio Lower Upper
114 100
63 19.9 0.0 37.4
88 14.3 0.0 29.0



#35
Dibromofluoromethane
Concen: 43.504 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY017176.D
Acq: 02 Feb 2024 10:33

Tgt Ion:113 Resp: 43282
Ion Ratio Lower Upper
113 100
111 103.5 83.8 125.6
192 17.9 14.5 21.7

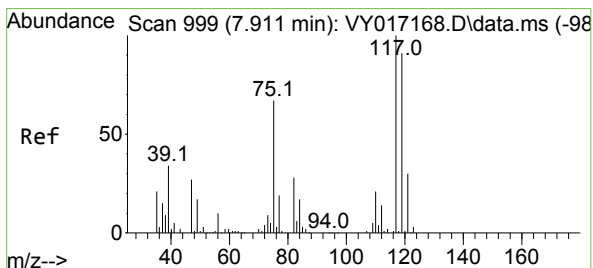
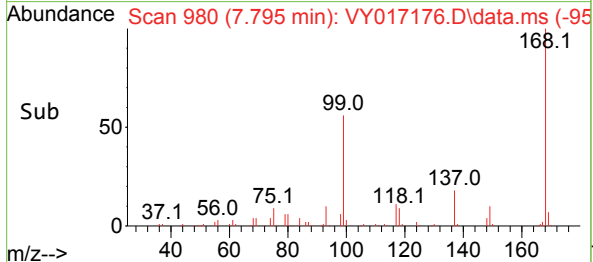
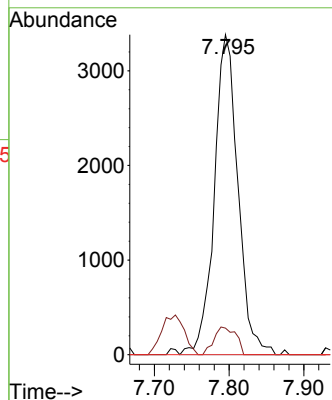
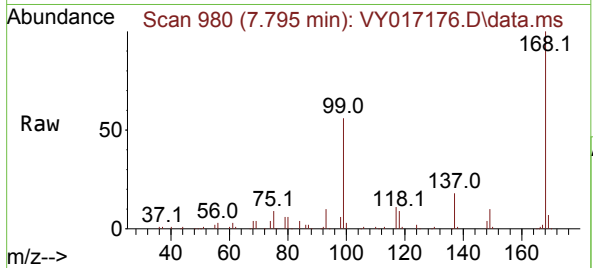




#36
1,1-Dichloropropene
Concen: 4.342 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY017176.D
Acq: 02 Feb 2024 10:33

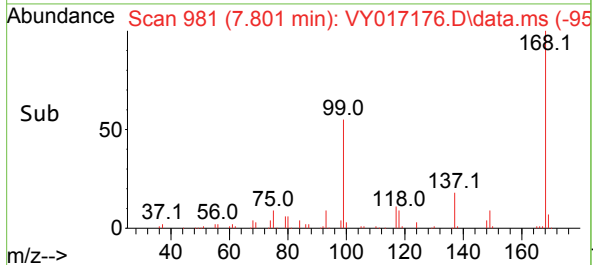
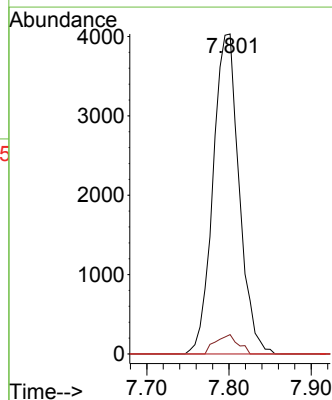
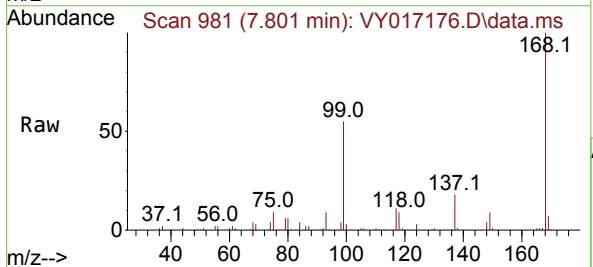
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBL01

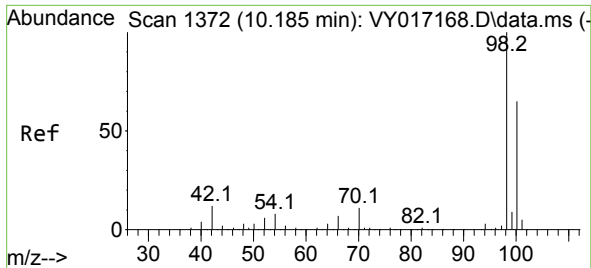
Tgt Ion: 75 Resp: 7451
Ion Ratio Lower Upper
75 100
110 8.0 17.4 52.3#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.411 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.109 min
Lab File: VY017176.D
Acq: 02 Feb 2024 10:33

Tgt Ion: 117 Resp: 8891
Ion Ratio Lower Upper
117 100
119 6.1 76.0 114.0#
121 0.0 24.2 36.2#

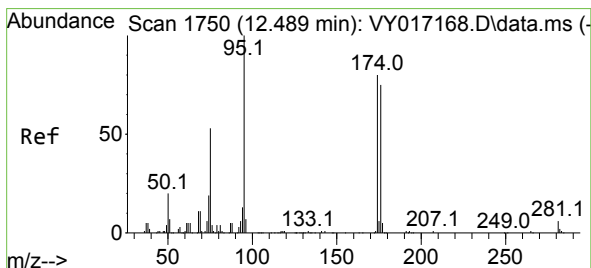
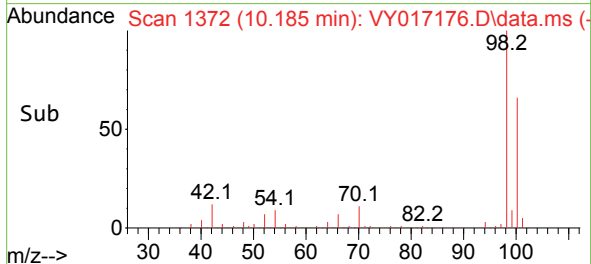
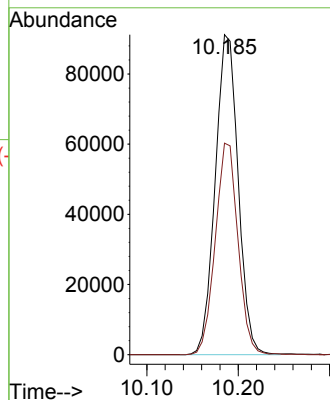
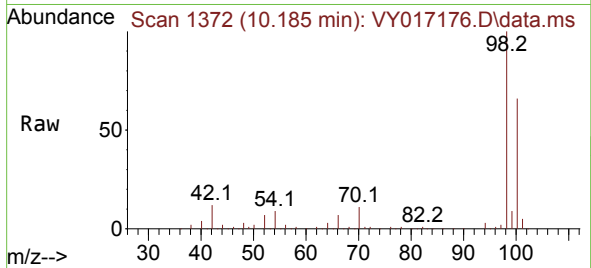




#50
Toluene-d8
Concen: 43.997 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017176.D
Acq: 02 Feb 2024 10:33

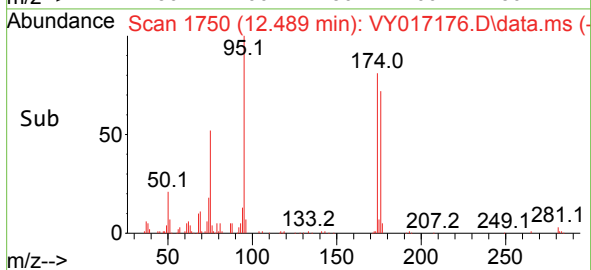
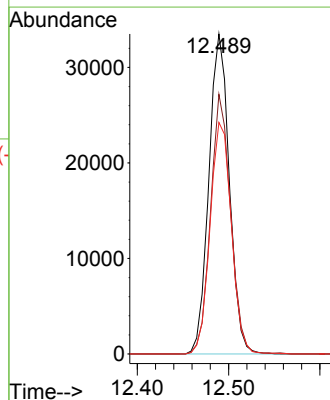
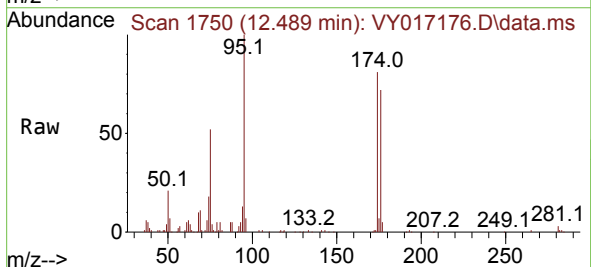
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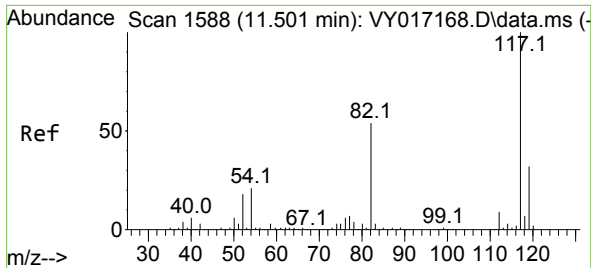
Tgt Ion: 98 Resp: 159369
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 44.007 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017176.D
Acq: 02 Feb 2024 10:33

Tgt Ion: 95 Resp: 52219
Ion Ratio Lower Upper
95 100
174 79.4 0.0 160.0
176 75.3 0.0 151.8

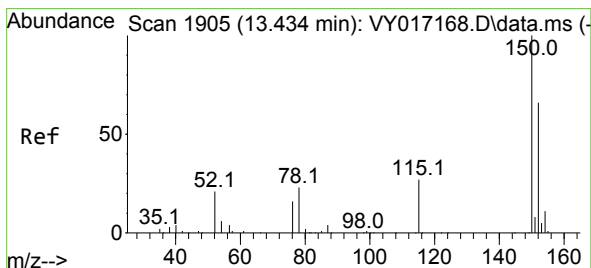
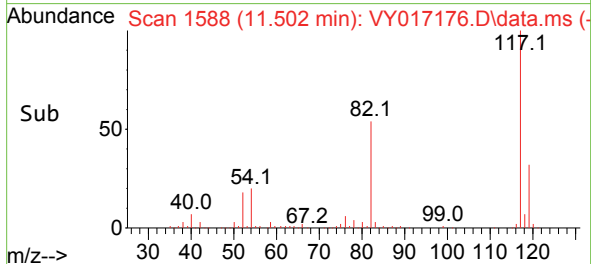
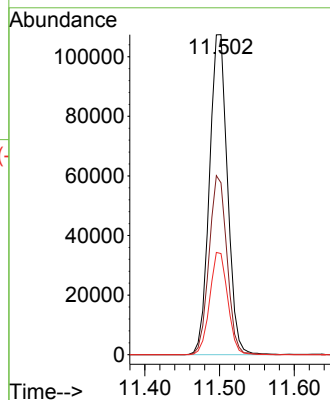
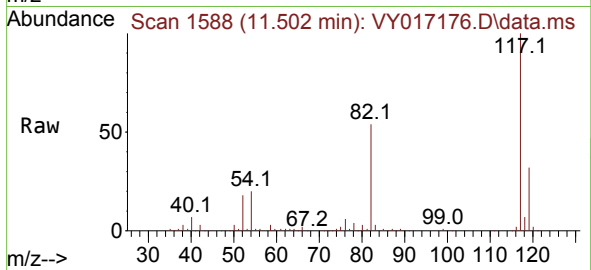




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017176.D
Acq: 02 Feb 2024 10:33

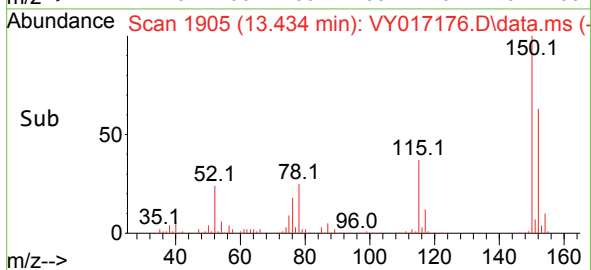
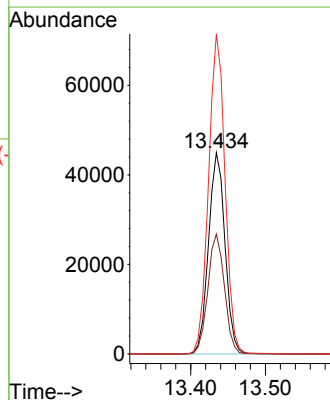
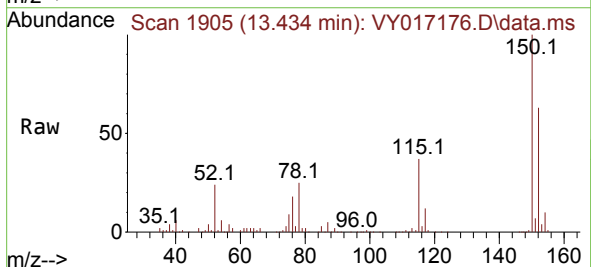
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBL01

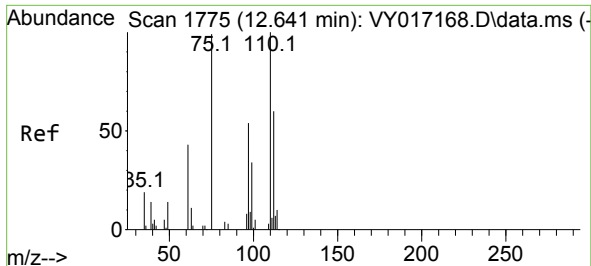
Tgt Ion:117 Resp: 179940
Ion Ratio Lower Upper
117 100
82 53.7 43.8 65.8
119 31.6 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017176.D
Acq: 02 Feb 2024 10:33

Tgt Ion:152 Resp: 68983
Ion Ratio Lower Upper
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115 59.8 30.0 90.0
150 158.9 0.0 344.6

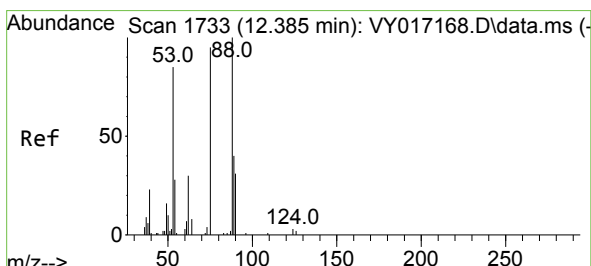
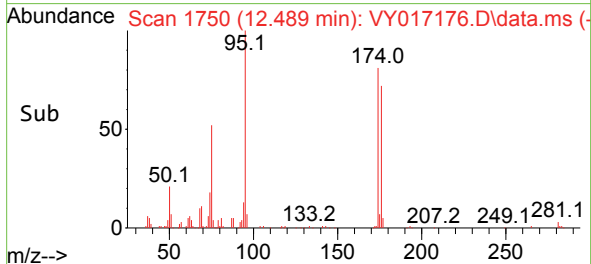
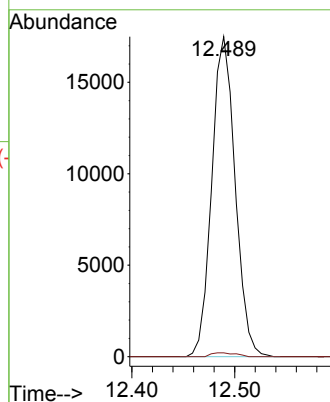
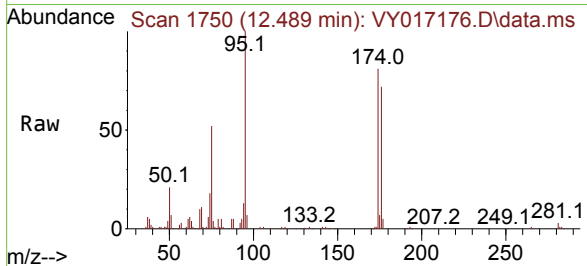




#76
1,2,3-Trichloropropane
Concen: 43.364 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.152 min
Lab File: VY017176.D
Acq: 02 Feb 2024 10:33

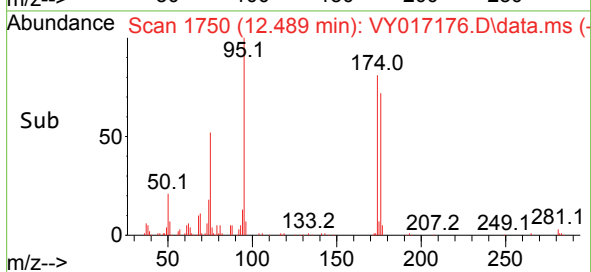
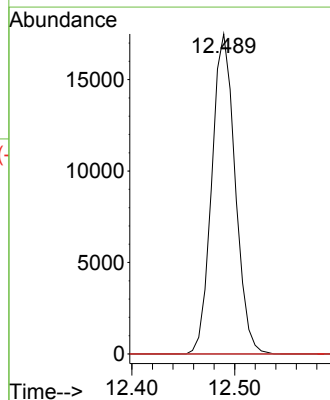
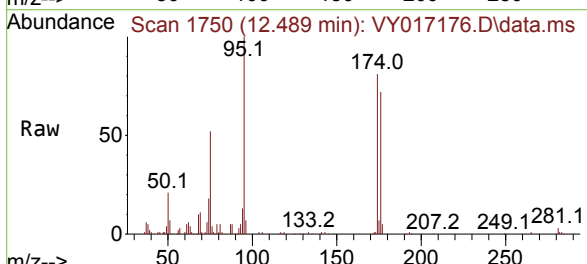
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBL01

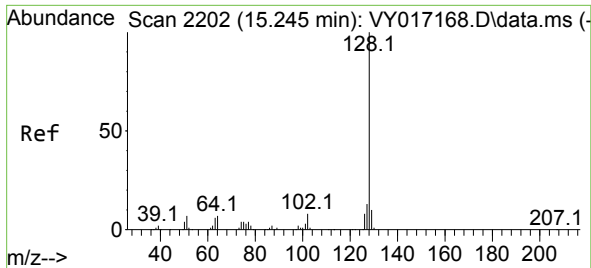
Tgt Ion: 75 Resp: 27610
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.105 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY017176.D
Acq: 02 Feb 2024 10:33

Tgt Ion: 75 Resp: 27610
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#





#95

Naphthalene

Concen: 3.695 ug/l

RT: 15.251 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY017176.D

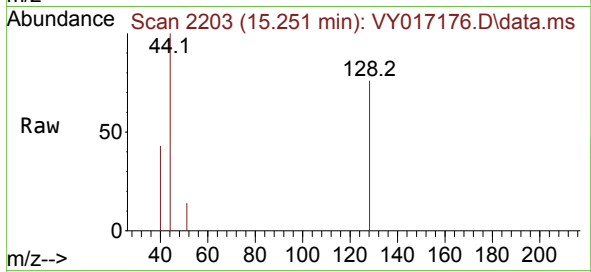
Acq: 02 Feb 2024 10:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0202SBL01



Tgt Ion:128 Resp: 533

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.4#

129 0.0 8.6 12.8#

