

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032023\
 Data File : VN077061.D
 Acq On : 20 Mar 2023 11:27
 Operator : JC\MD
 Sample : VN0320WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320WBL01

Quant Time: Mar 21 05:33:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

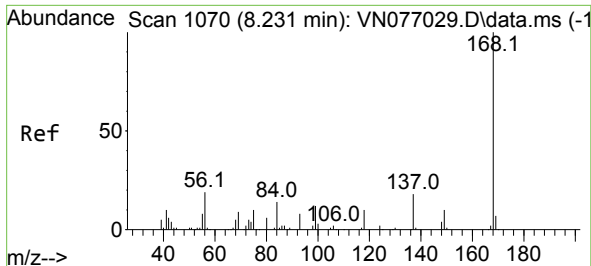
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	417638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	750571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	651321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	242966	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	308470	46.240	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.480%		
35) Dibromofluoromethane	8.172	113	236674	45.026	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.060%		
50) Toluene-d8	10.572	98	894081	47.617	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.240%		
62) 4-Bromofluorobenzene	12.854	95	300230	45.250	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.500%		
Target Compounds			Qvalue			
5) Bromomethane	2.990	94	996	0.325	ug/l #	37
6) Chloroethane	3.107	64	619	0.215	ug/l #	42
16) Acetone	4.460	43	1061	0.357	ug/l #	43
31) Cyclohexane	8.230	56	10973	1.005	ug/l #	18
36) 1,1-Dichloropropene	8.230	75	38271	4.662	ug/l #	52
38) Carbon Tetrachloride	8.230	117	46122	5.768	ug/l #	16
59) 2-Hexanone	11.201	43	1745	0.282	ug/l	100
76) 1,2,3-Trichloropropane	12.854	75	159169	25.327	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	159169	69.713	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.401	180	1273	0.306	ug/l #	88
95) Naphthalene	15.636	128	5462	2.237	ug/l	95
96) 1,2,3-Trichlorobenzene	15.848	180	1532	0.368	ug/l #	84

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

Quant Time: Mar 21 05:33:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 20 08:50:30 2023
Response via : Initial Calibration

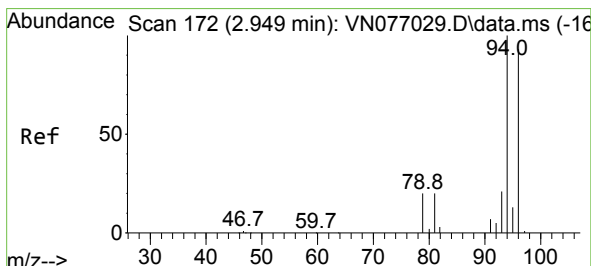
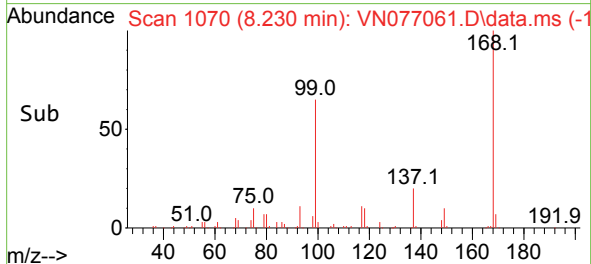
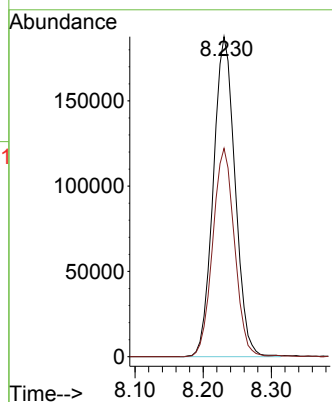
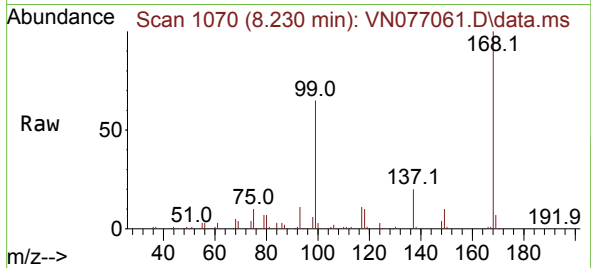




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN077061.D
Acq: 20 Mar 2023 11:27

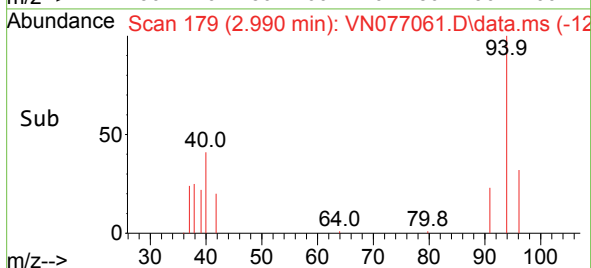
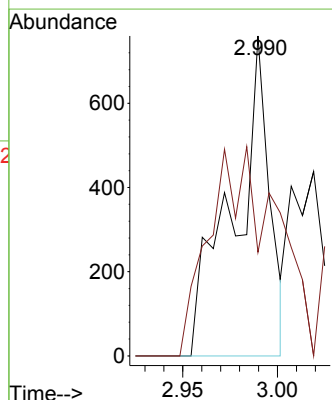
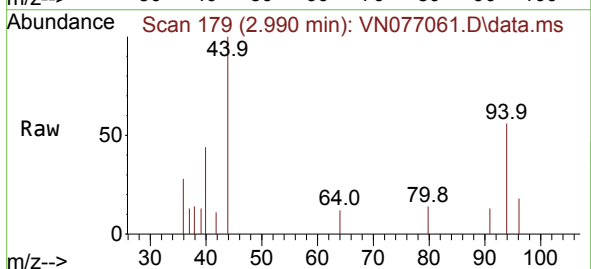
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBL01

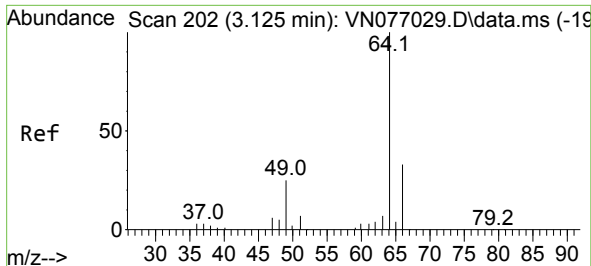
Tgt Ion:168 Resp: 417638
Ion Ratio Lower Upper
168 100
99 65.1 53.9 80.9



#5
Bromomethane
Concen: 0.325 ug/l
RT: 2.990 min Scan# 179
Delta R.T. 0.041 min
Lab File: VN077061.D
Acq: 20 Mar 2023 11:27

Tgt Ion: 94 Resp: 996
Ion Ratio Lower Upper
94 100
96 32.4 74.1 111.1#

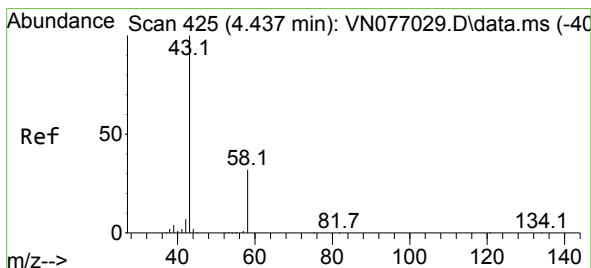
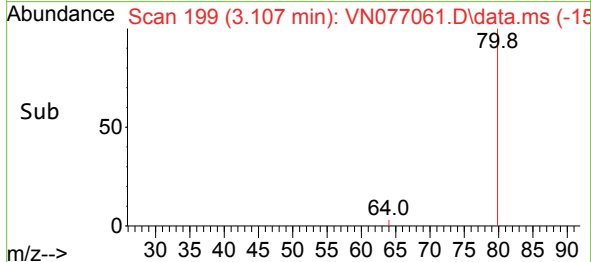
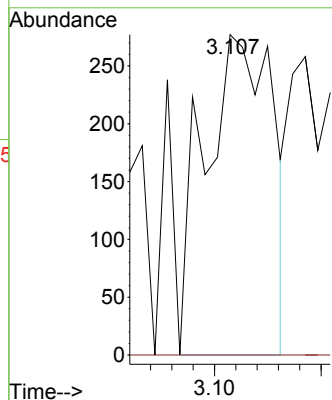
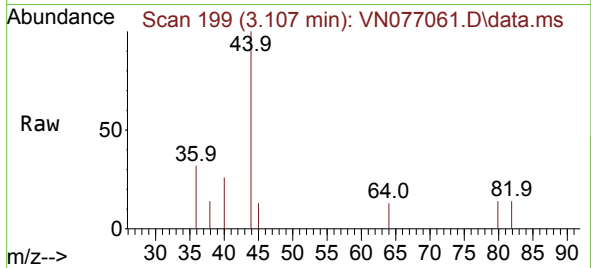




#6
Chloroethane
Concen: 0.215 ug/l
RT: 3.107 min Scan# 19
Delta R.T. -0.018 min
Lab File: VN077061.D
Acq: 20 Mar 2023 11:27

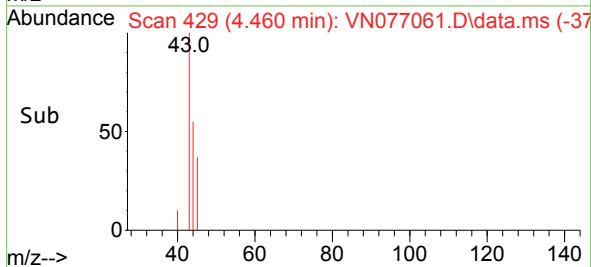
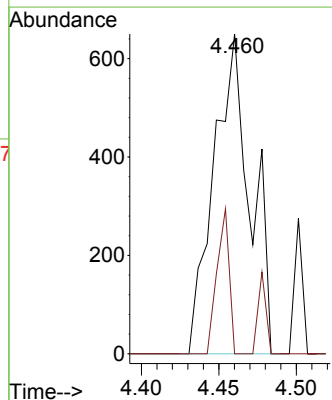
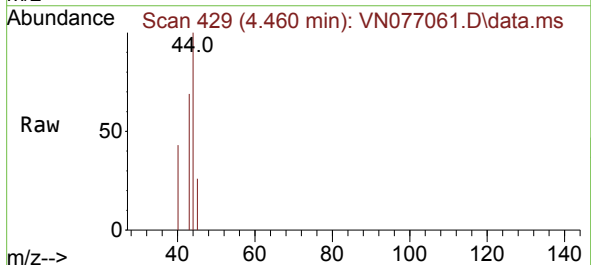
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBL01

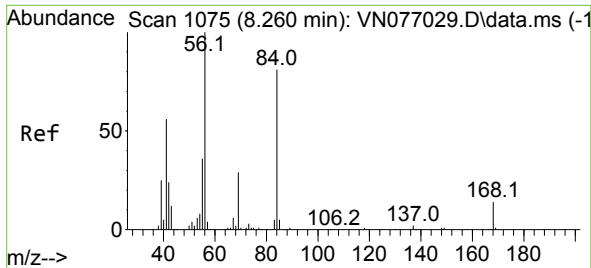
Tgt Ion: 64 Resp: 619
Ion Ratio Lower Upper
64 100
66 0.0 26.3 39.5#



#16
Acetone
Concen: 0.357 ug/l
RT: 4.460 min Scan# 429
Delta R.T. 0.023 min
Lab File: VN077061.D
Acq: 20 Mar 2023 11:27

Tgt Ion: 43 Resp: 1061
Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.0#

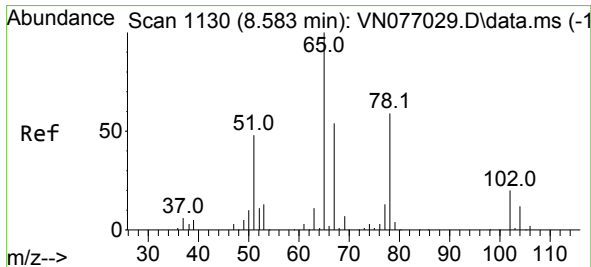
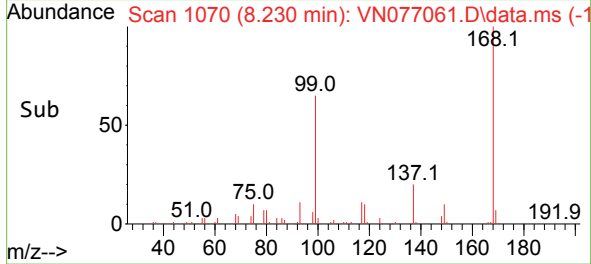
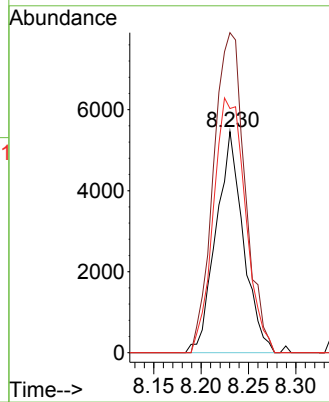
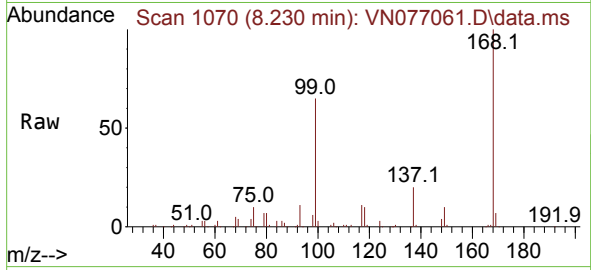




#31
Cyclohexane
Concen: 1.005 ug/l
RT: 8.230 min Scan# 1075
Delta R.T. -0.030 min
Lab File: VN077061.D
Acq: 20 Mar 2023 11:27

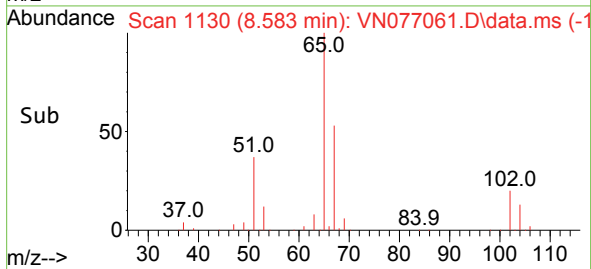
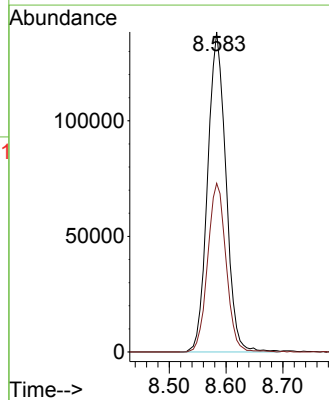
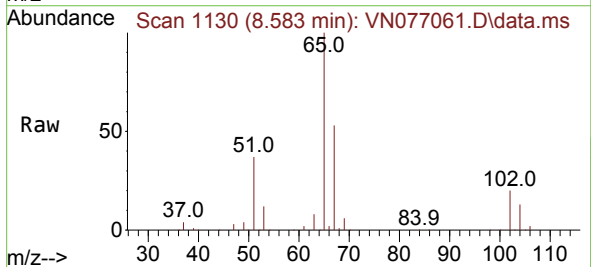
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBL01

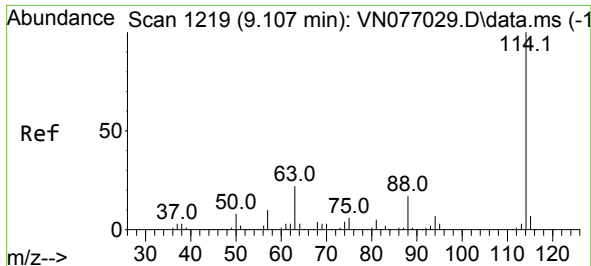
Tgt Ion: 56 Resp: 10973
Ion Ratio Lower Upper
56 100
69 144.7 22.8 34.2#
84 110.4 64.7 97.1#



#33
1,2-Dichloroethane-d4
Concen: 46.240 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077061.D
Acq: 20 Mar 2023 11:27

Tgt Ion: 65 Resp: 308470
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.2

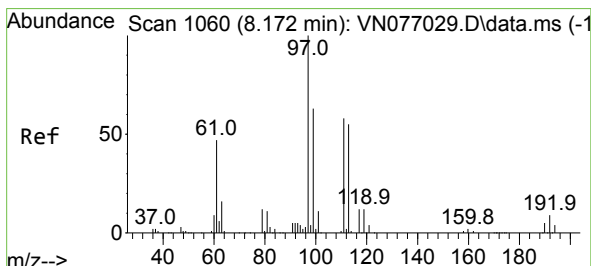
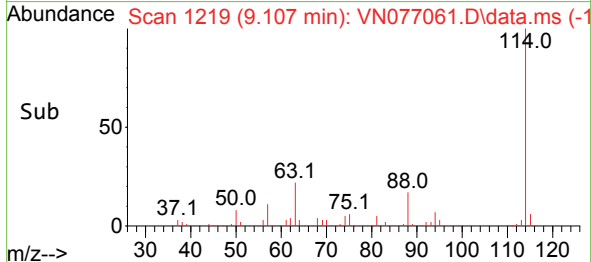
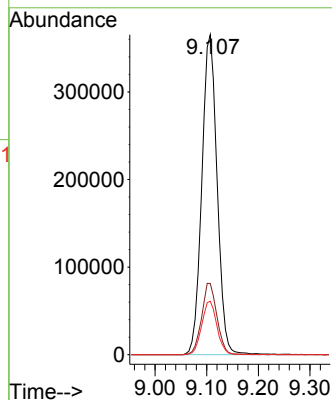
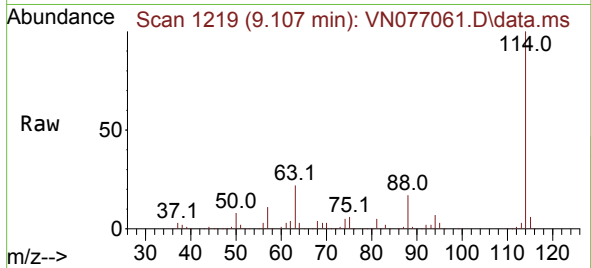




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077061.D
Acq: 20 Mar 2023 11:27

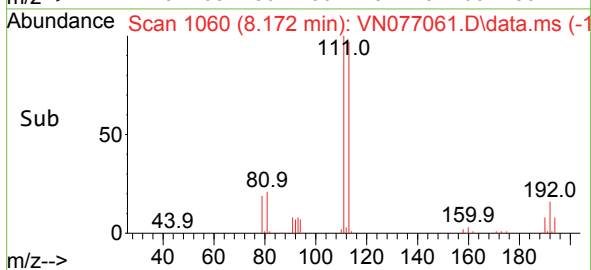
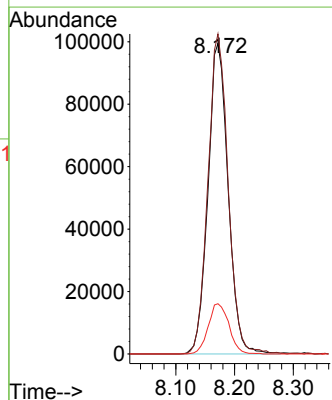
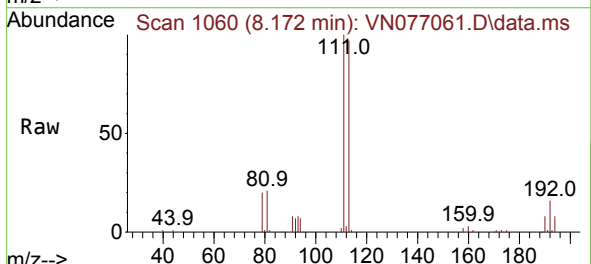
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBL01

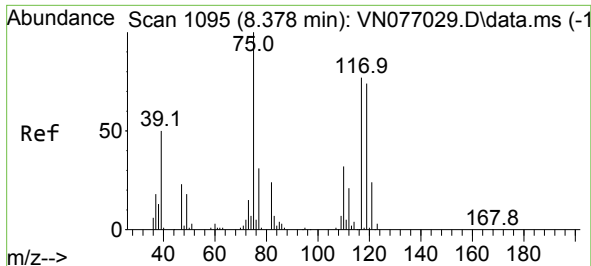
Tgt Ion:114 Resp: 750571
Ion Ratio Lower Upper
114 100
63 22.2 0.0 44.6
88 16.7 0.0 33.8



#35
Dibromofluoromethane
Concen: 45.026 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077061.D
Acq: 20 Mar 2023 11:27

Tgt Ion:113 Resp: 236674
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 16.7 13.0 19.6





#36

1,1-Dichloropropene

Concen: 4.662 ug/l

RT: 8.230 min Scan# 1070

Delta R.T. -0.147 min

Lab File: VN077061.D

Acq: 20 Mar 2023 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBL01

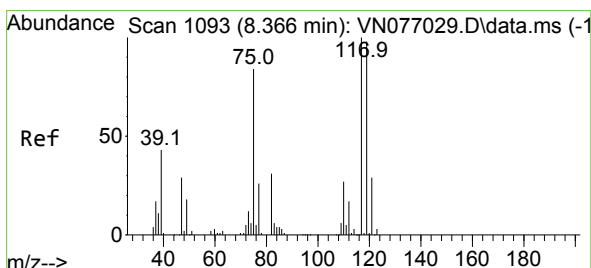
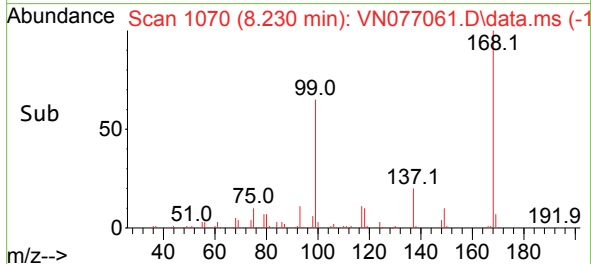
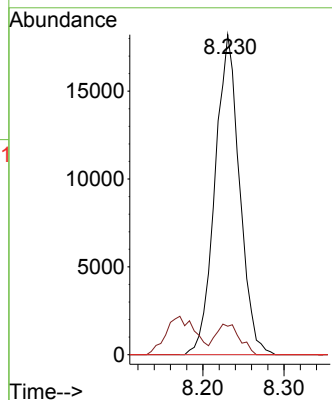
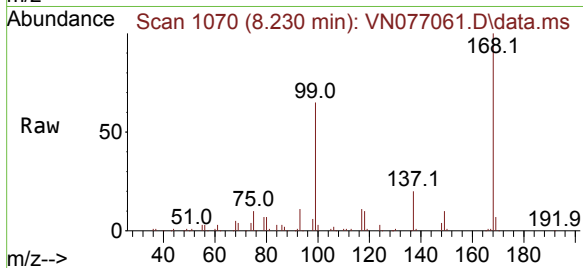
Tgt Ion: 75 Resp: 38271

Ion Ratio Lower Upper

75 100

110 9.3 15.9 47.7#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 5.768 ug/l

RT: 8.230 min Scan# 1070

Delta R.T. -0.135 min

Lab File: VN077061.D

Acq: 20 Mar 2023 11:27

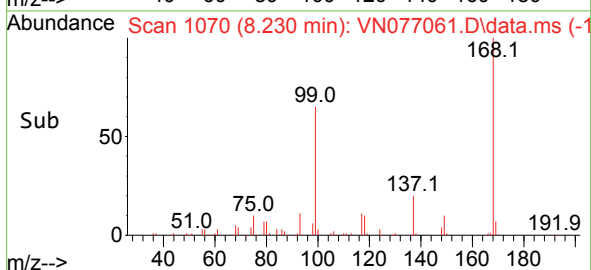
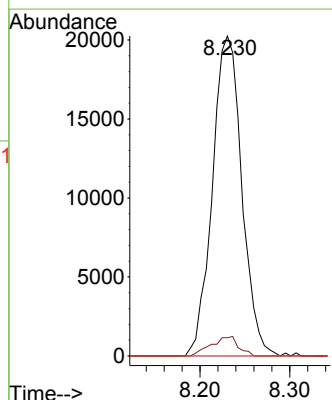
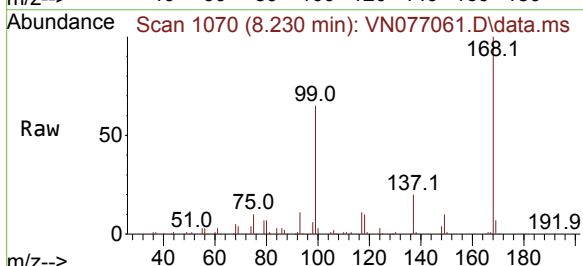
Tgt Ion: 117 Resp: 46122

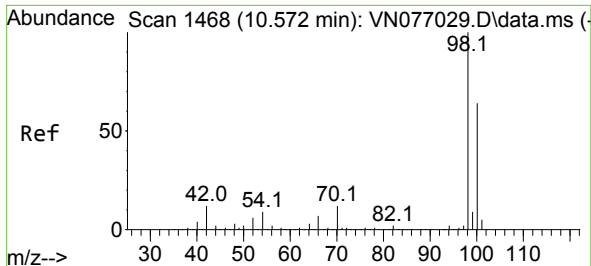
Ion Ratio Lower Upper

117 100

119 5.7 78.2 117.2#

121 0.0 23.2 34.8#

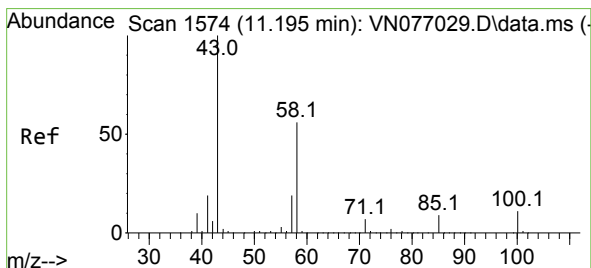
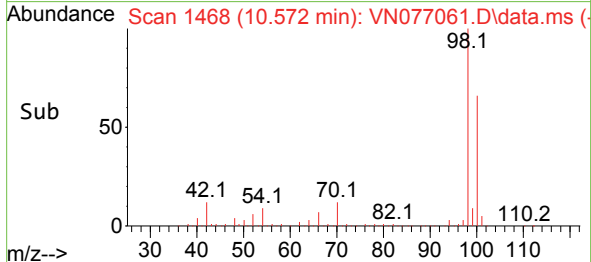
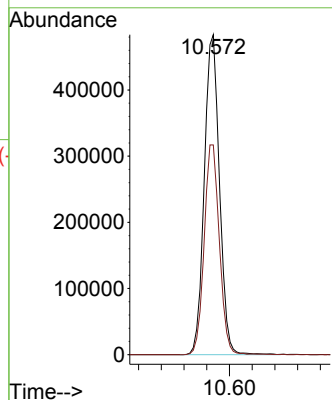
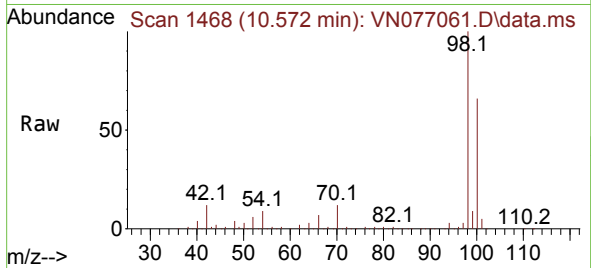




#50
Toluene-d8
Concen: 47.617 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077061.D
Acq: 20 Mar 2023 11:27

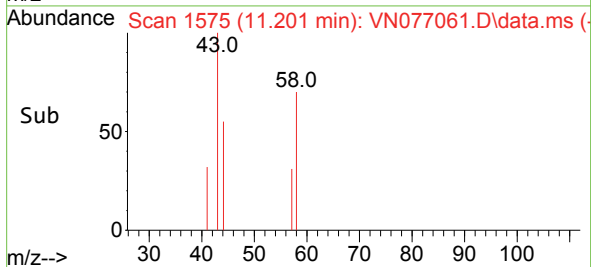
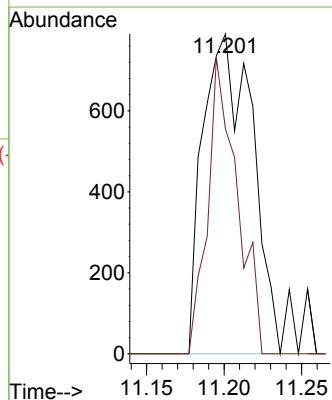
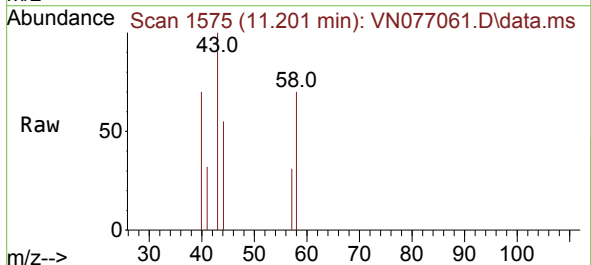
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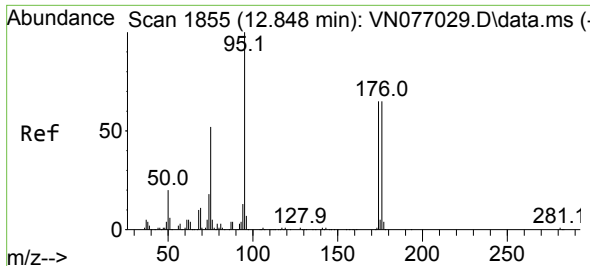
Tgt Ion: 98 Resp: 894081
Ion Ratio Lower Upper
98 100
100 65.7 51.6 77.4



#59
2-Hexanone
Concen: 0.282 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077061.D
Acq: 20 Mar 2023 11:27

Tgt Ion: 43 Resp: 1745
Ion Ratio Lower Upper
43 100
58 55.4 27.7 83.1

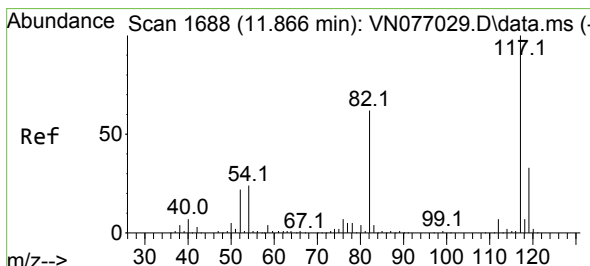
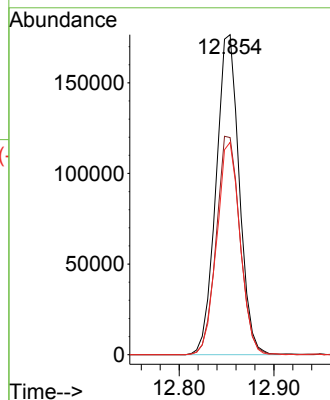
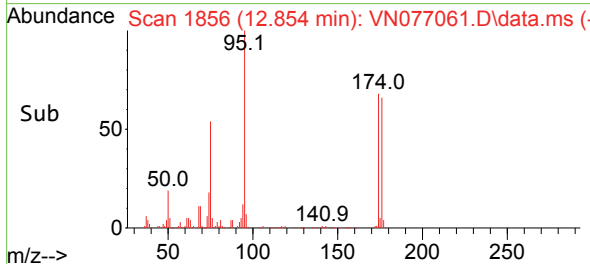
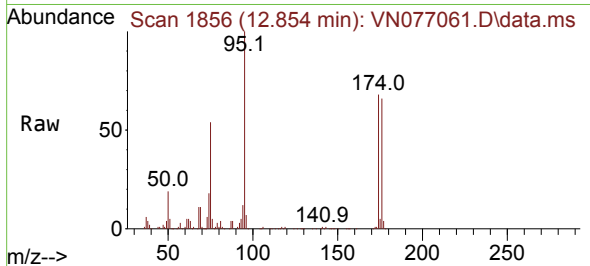




#62
4-Bromofluorobenzene
Concen: 45.250 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077061.D
Acq: 20 Mar 2023 11:27

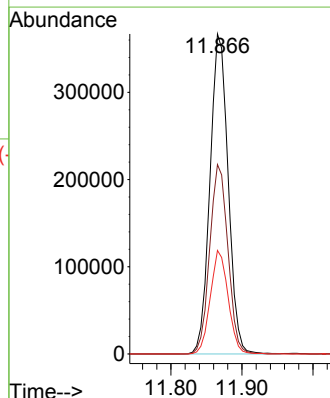
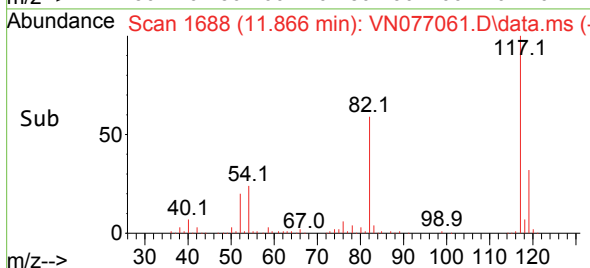
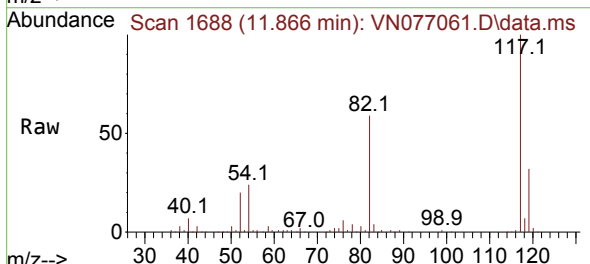
Instrument :
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VN0320WBL01

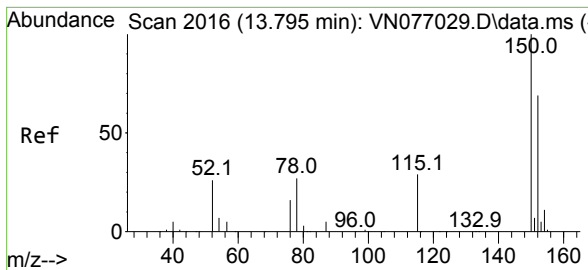
Tgt Ion: 95 Resp: 300230
Ion Ratio Lower Upper
95 100
174 69.7 0.0 136.6
176 66.9 0.0 130.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077061.D
Acq: 20 Mar 2023 11:27

Tgt Ion: 117 Resp: 651321
Ion Ratio Lower Upper
117 100
82 59.2 49.4 74.0
119 32.3 26.5 39.7

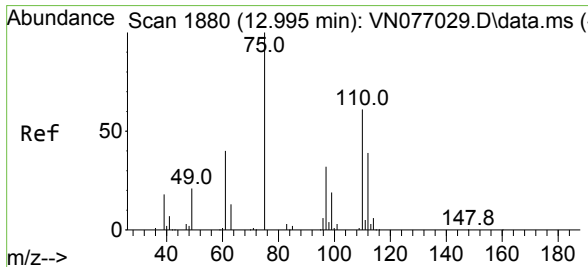
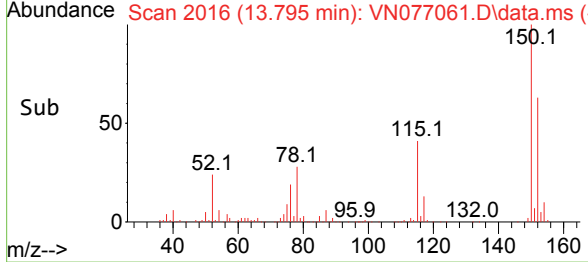
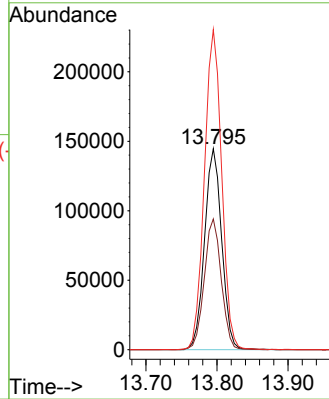
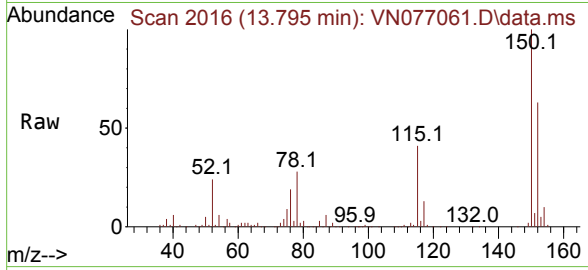




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077061.D
 Acq: 20 Mar 2023 11:27

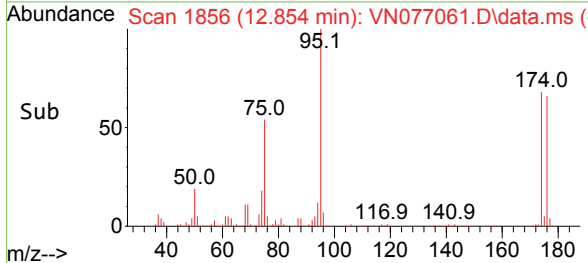
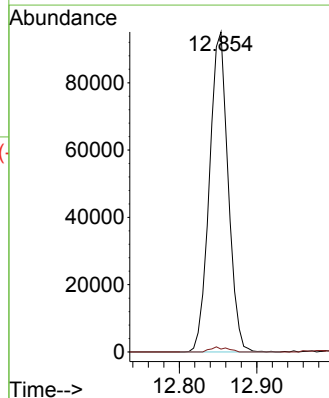
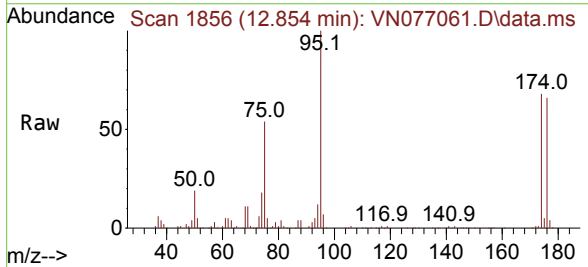
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320WBL01

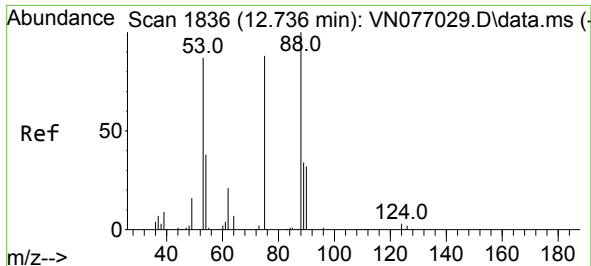
Tgt Ion:152 Resp: 242966
 Ion Ratio Lower Upper
 152 100
 115 64.5 31.9 95.7
 150 160.2 0.0 348.0



#76
 1,2,3-Trichloropropane
 Concen: 25.327 ug/l
 RT: 12.854 min Scan# 1856
 Delta R.T. -0.141 min
 Lab File: VN077061.D
 Acq: 20 Mar 2023 11:27

Tgt Ion: 75 Resp: 159169
 Ion Ratio Lower Upper
 75 100
 77 1.4 107.3 322.0#

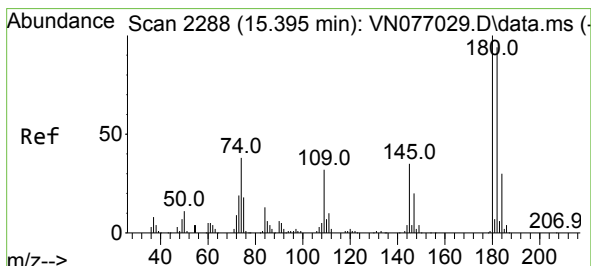
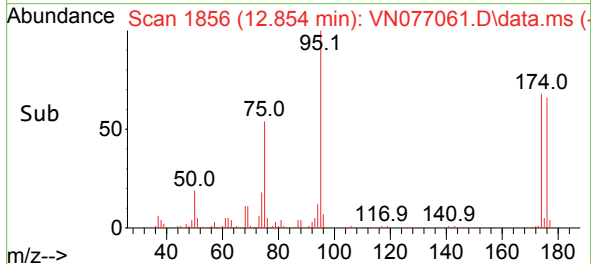
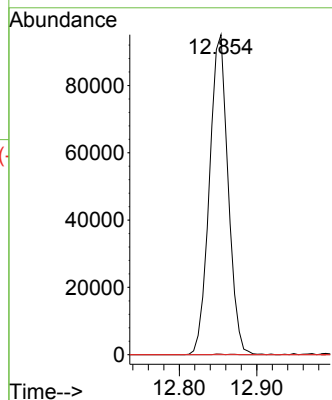
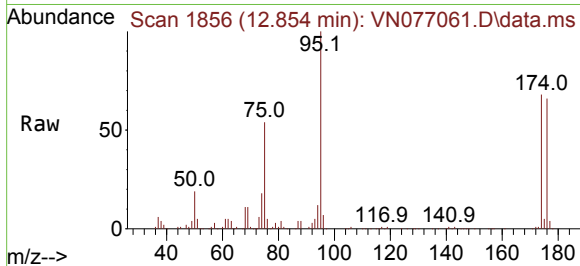




#81
trans-1,4-Dichloro-2-butene
Concen: 69.713 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN077061.D
Acq: 20 Mar 2023 11:27

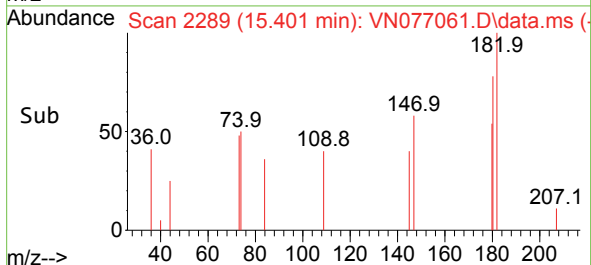
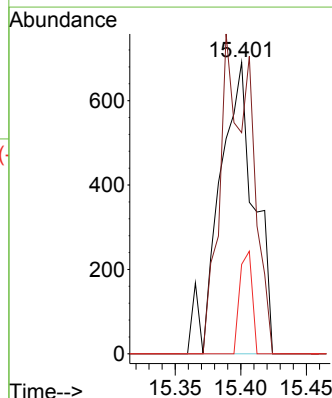
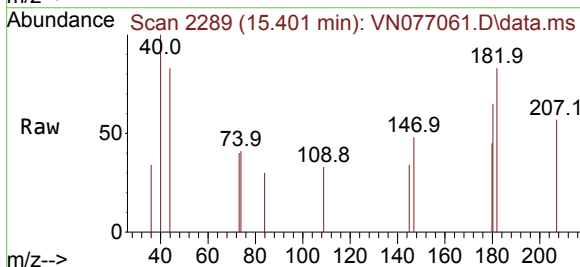
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBL01

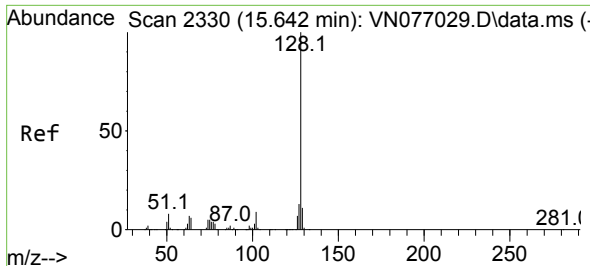
Tgt Ion: 75 Resp: 159169
Ion Ratio Lower Upper
75 100
53 0.1 80.8 121.2#
89 0.0 34.2 51.4#



#93
1,2,4-Trichlorobenzene
Concen: 0.306 ug/l
RT: 15.401 min Scan# 2289
Delta R.T. 0.006 min
Lab File: VN077061.D
Acq: 20 Mar 2023 11:27

Tgt Ion:180 Resp: 1273
Ion Ratio Lower Upper
180 100
182 97.6 47.3 141.9
145 12.6 16.9 50.7#

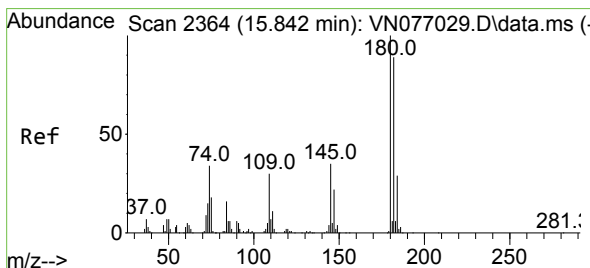
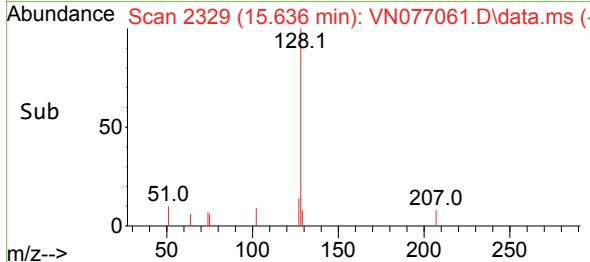
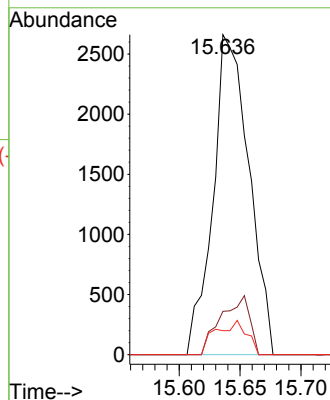
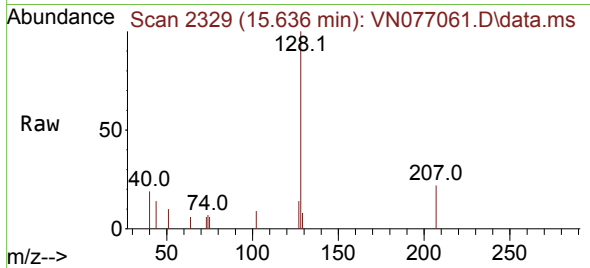




#95
Naphthalene
Concen: 2.237 ug/l
RT: 15.636 min Scan# 2329
Delta R.T. -0.006 min
Lab File: VN077061.D
Acq: 20 Mar 2023 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN0320WBL01

Tgt Ion:	128	Resp:	5462
Ion Ratio	Lower	Upper	
128	100		
127	14.8	10.0	15.0
129	9.0	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.368 ug/l
RT: 15.848 min Scan# 2365
Delta R.T. 0.006 min
Lab File: VN077061.D
Acq: 20 Mar 2023 11:27

Tgt Ion:	180	Resp:	1532
Ion Ratio	Lower	Upper	
180	100		
182	87.3	47.4	142.2
145	13.8	17.9	53.8

