

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
 Data File : VN075991.D
 Acq On : 28 Dec 2022 11:35
 Operator : JC\MD
 Sample : VN1228WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1228WBL01

Quant Time: Dec 29 04:47:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

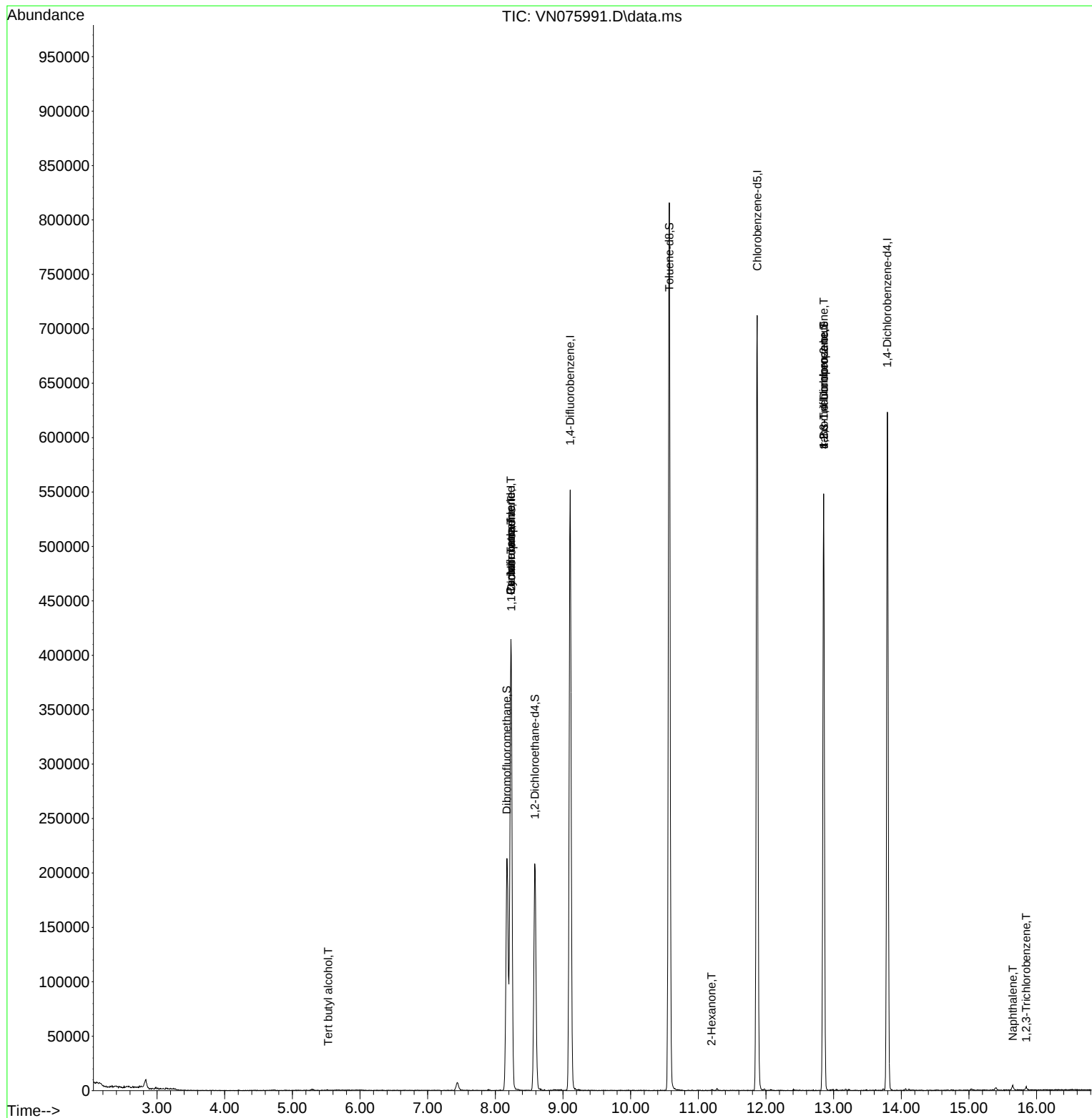
Internal Standards						
1) Pentafluorobenzene	8.230	168	321196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	507119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	435947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	174933	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	167060	47.809	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.620%		
35) Dibromofluoromethane	8.171	113	154549	49.211	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.420%		
50) Toluene-d8	10.571	98	583616	49.703	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.400%		
62) 4-Bromofluorobenzene	12.853	95	177378	45.609	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.220%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.530	59	109	0.220	ug/l #	72
20) Methylene Chloride	5.295	84	820	Below Cal	#	68
31) Cyclohexane	8.230	56	6343	1.267	ug/l #	29
36) 1,1-Dichloropropene	8.236	75	23524	5.639	ug/l #	48
38) Carbon Tetrachloride	8.230	117	31170	6.676	ug/l #	16
59) 2-Hexanone	11.194	43	859	0.352	ug/l	65
76) 1,2,3-Trichloropropane	12.853	75	90655	25.709	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	90655	92.539	ug/l #	12
95) Naphthalene	15.647	128	5140	2.694	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.847	180	1176	0.437	ug/l	86

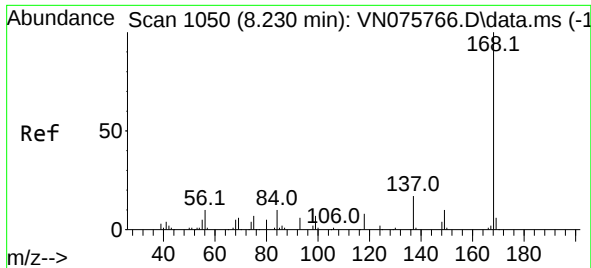
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
Data File : VN075991.D
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

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Quant Time: Dec 29 04:47:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
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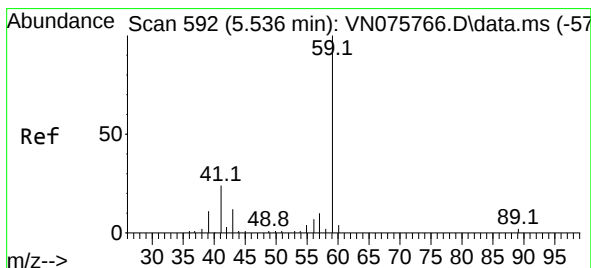
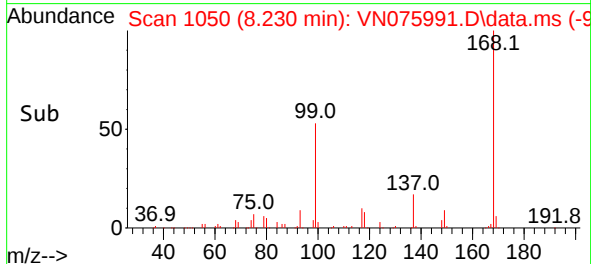
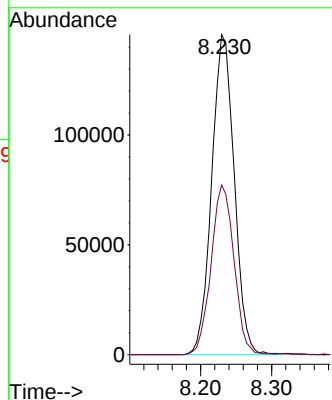
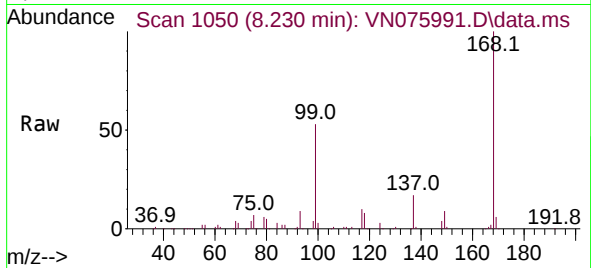




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075991.D
Acq: 28 Dec 2022 11:35

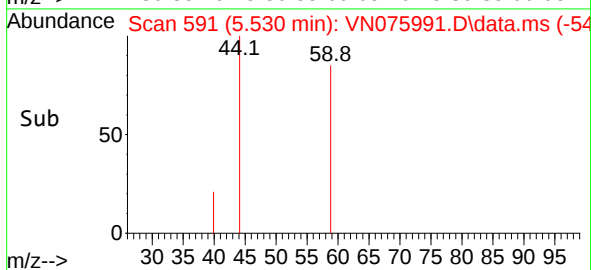
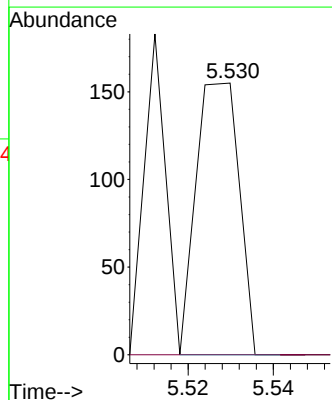
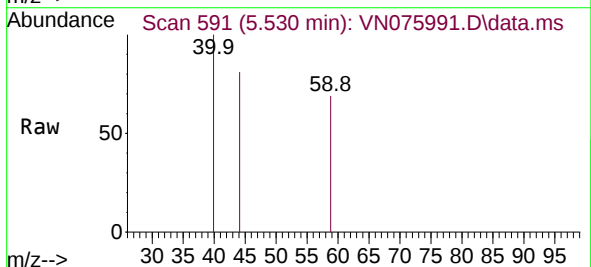
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBL01

Tgt Ion:168 Resp: 321196
Ion Ratio Lower Upper
168 100
99 53.0 44.2 66.4



#11
Tert butyl alcohol
Concen: 0.220 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN075991.D
Acq: 28 Dec 2022 11:35

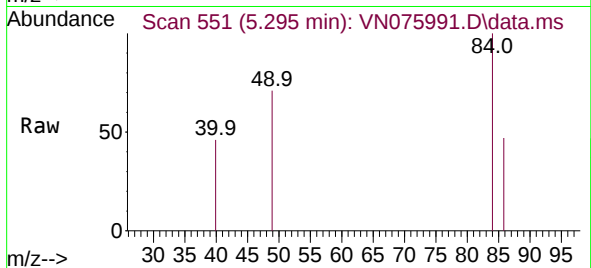
Tgt Ion: 59 Resp: 109
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



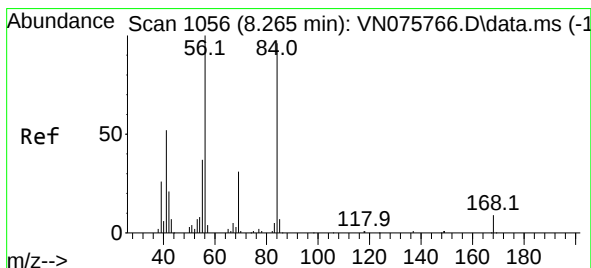
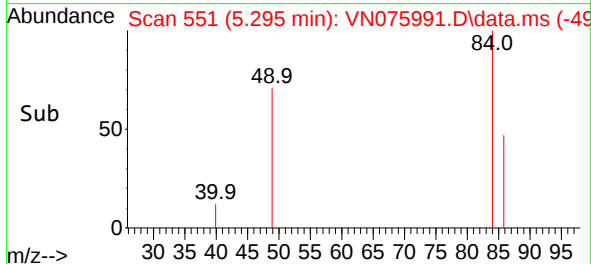
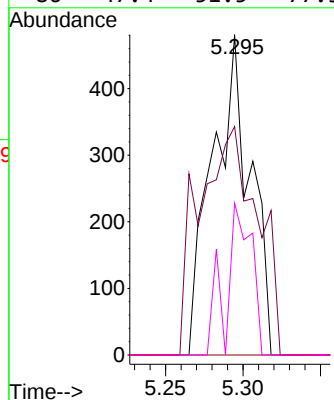


#20
Methylene Chloride
Concen: Below Cal
RT: 5.295 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN075991.D
Acq: 28 Dec 2022 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBL01

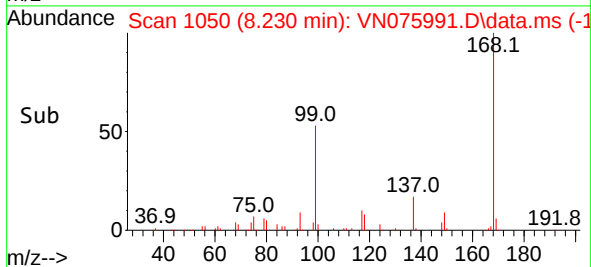
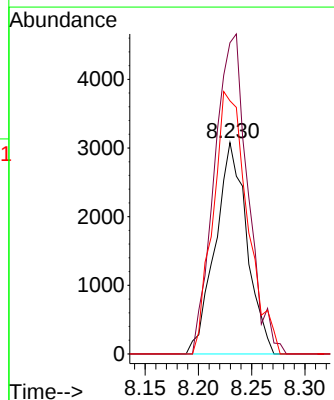
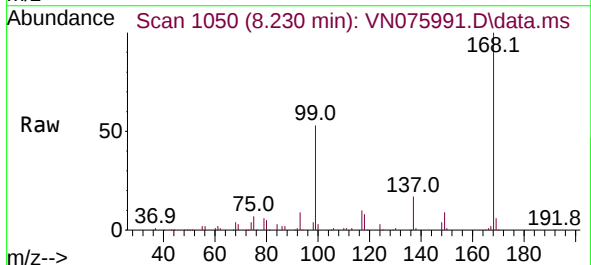


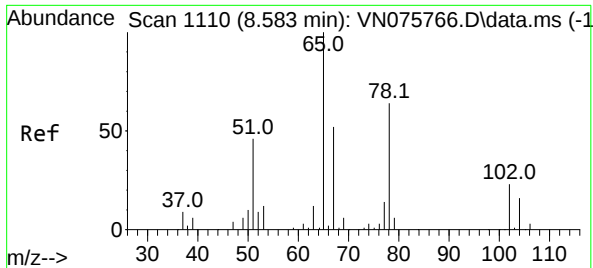
Tgt Ion:	84	Resp:	820
Ion	Ratio	Lower	Upper
84	100		
49	71.3	81.8	122.6#
51	0.0	26.7	40.1#
86	47.4	51.5	77.3#



#31
Cyclohexane
Concen: 1.267 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN075991.D
Acq: 28 Dec 2022 11:35

Tgt Ion:	56	Resp:	6343
Ion	Ratio	Lower	Upper
56	100		
69	147.3	24.7	37.1#
84	119.8	76.5	114.7#





#33

1,2-Dichloroethane-d4

Concen: 47.809 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075991.D

Acq: 28 Dec 2022 11:35

Instrument :

MSVOA_N

ClientSampleId :

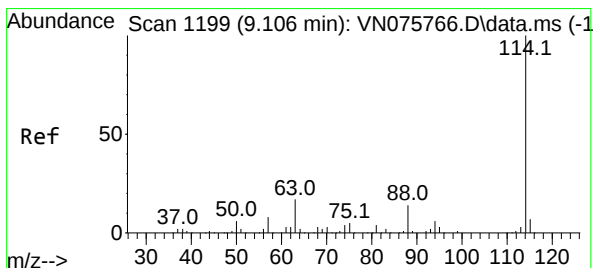
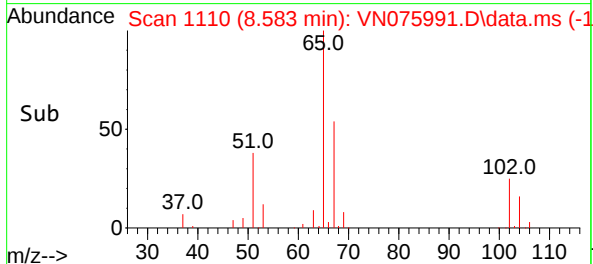
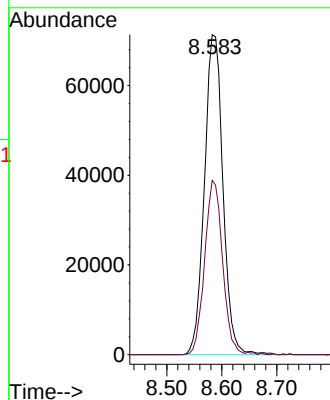
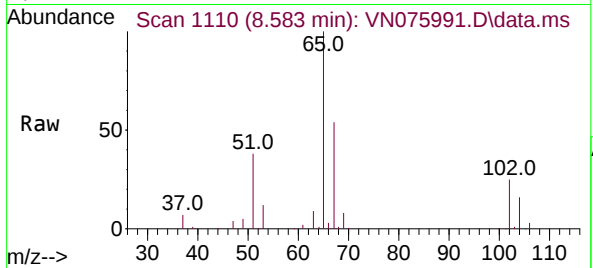
VN1228WBL01

Tgt Ion: 65 Resp: 167060

Ion Ratio Lower Upper

65 100

67 52.8 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075991.D

Acq: 28 Dec 2022 11:35

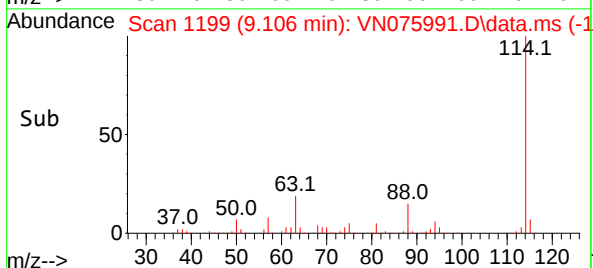
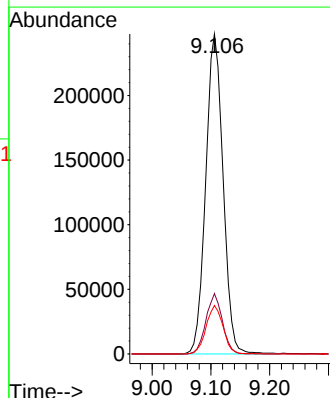
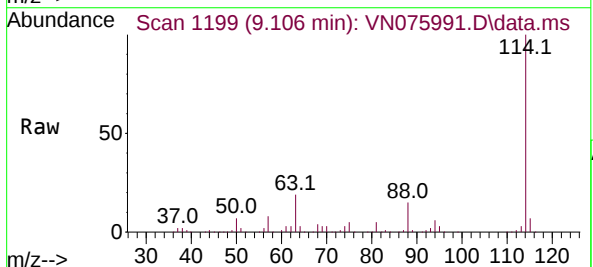
Tgt Ion: 114 Resp: 507119

Ion Ratio Lower Upper

114 100

63 18.8 0.0 34.4

88 15.1 0.0 28.8

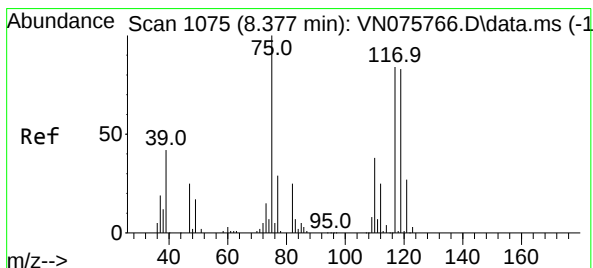
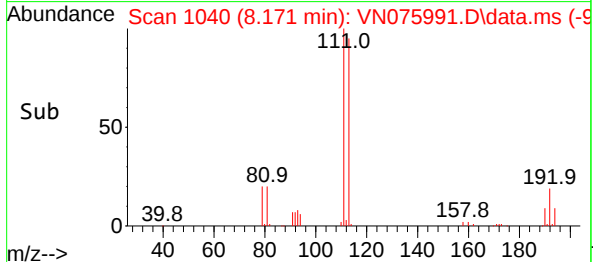
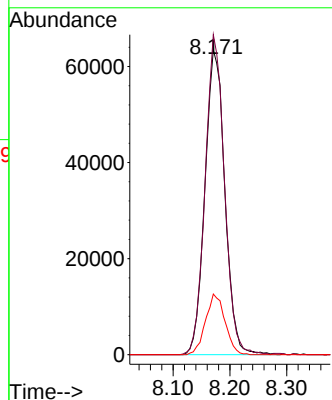
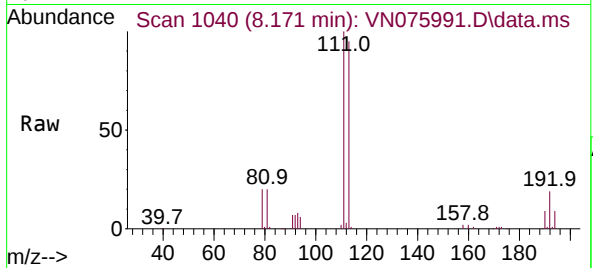




#35
Dibromofluoromethane
Concen: 49.211 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075991.D
Acq: 28 Dec 2022 11:35

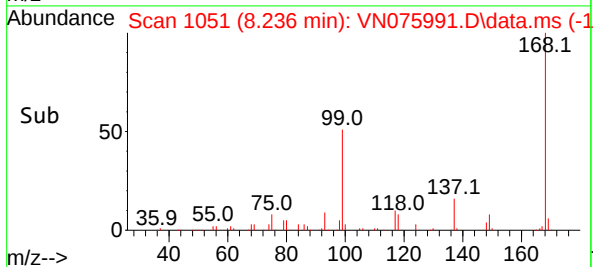
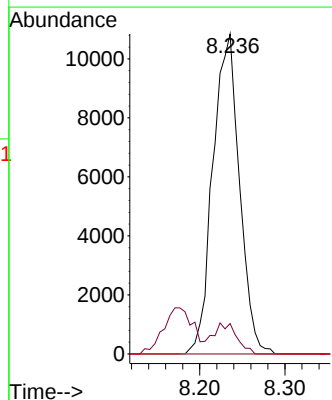
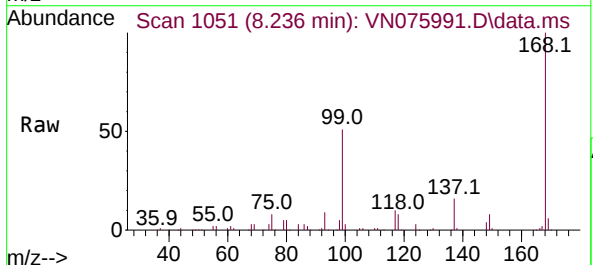
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBL01

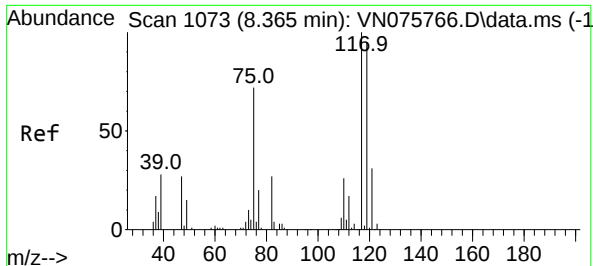
Tgt Ion:113 Resp: 154549
Ion Ratio Lower Upper
113 100
111 101.8 83.4 125.2
192 19.4 16.1 24.1



#36
1,1-Dichloropropene
Concen: 5.639 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.141 min
Lab File: VN075991.D
Acq: 28 Dec 2022 11:35

Tgt Ion: 75 Resp: 23524
Ion Ratio Lower Upper
75 100
110 8.5 18.8 56.4#
77 0.0 24.1 36.1#

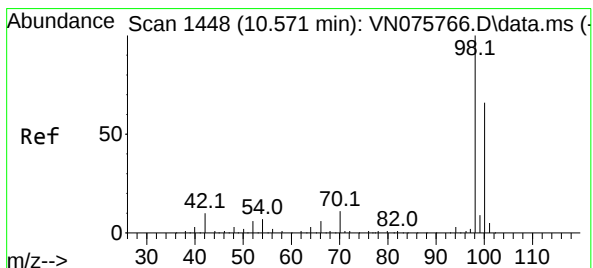
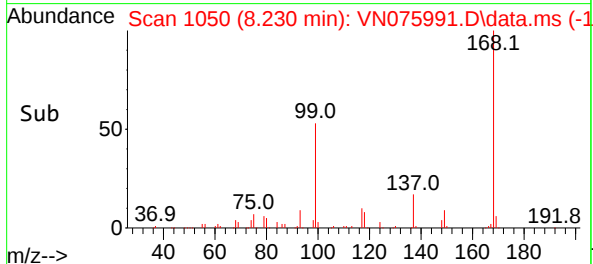
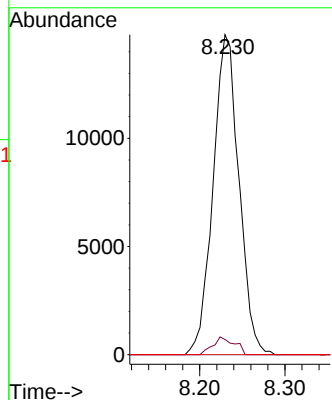
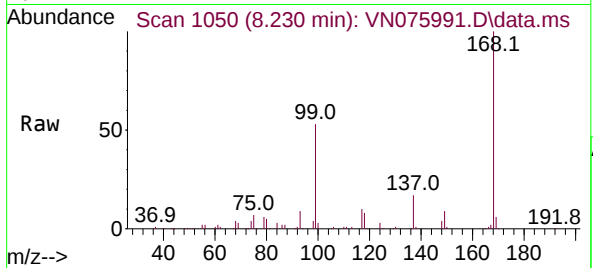




#38
Carbon Tetrachloride
Concen: 6.676 ug/l
RT: 8.230 min Scan# 1073
Delta R.T. -0.135 min
Lab File: VN075991.D
Acq: 28 Dec 2022 11:35

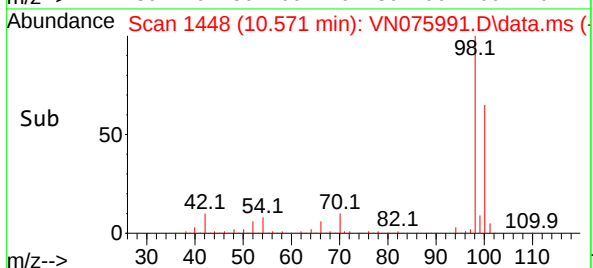
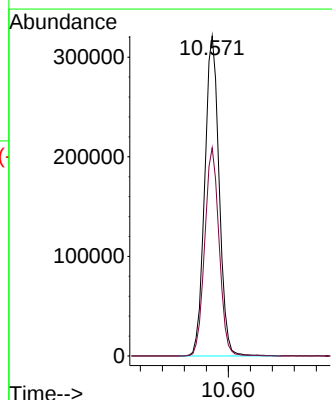
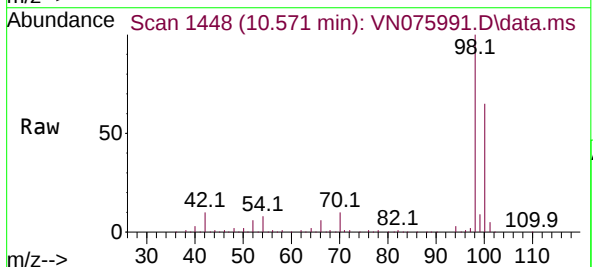
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBL01

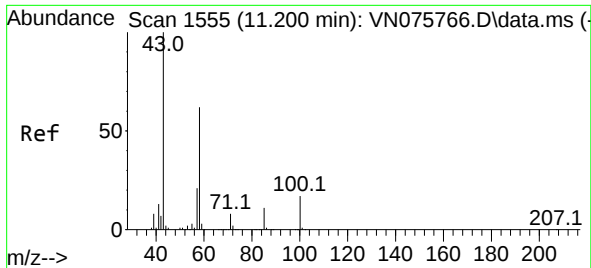
Tgt Ion:117 Resp: 31170
Ion Ratio Lower Upper
117 100
119 4.7 76.1 114.1#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.703 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075991.D
Acq: 28 Dec 2022 11:35

Tgt Ion: 98 Resp: 583616
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1

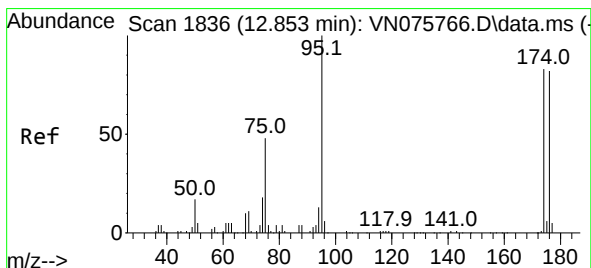
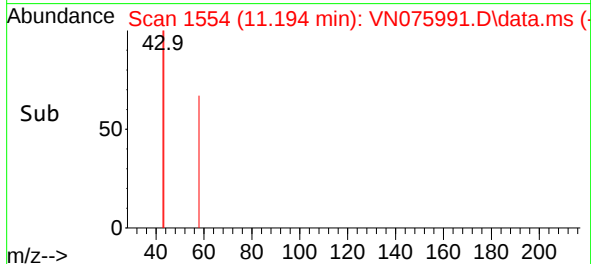
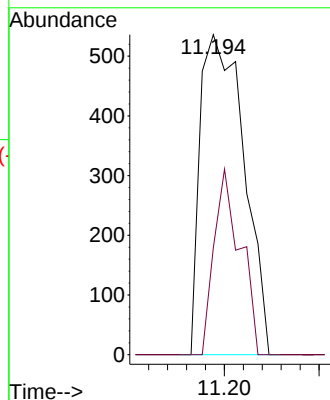
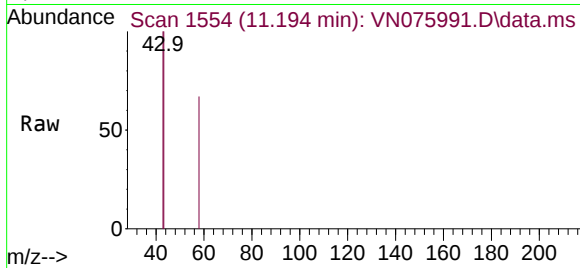




#59
2-Hexanone
Concen: 0.352 ug/l
RT: 11.194 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075991.D
Acq: 28 Dec 2022 11:35

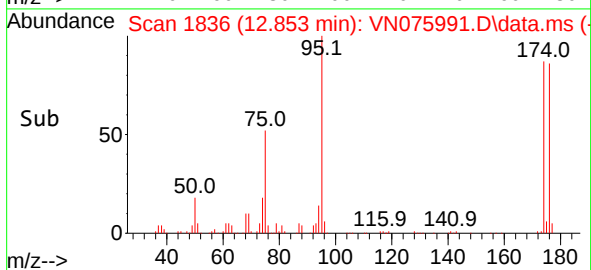
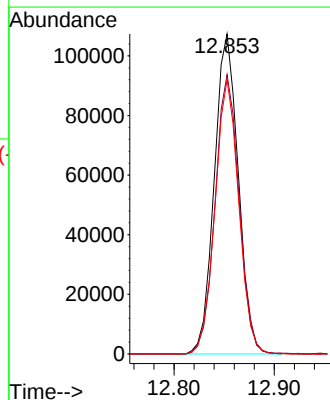
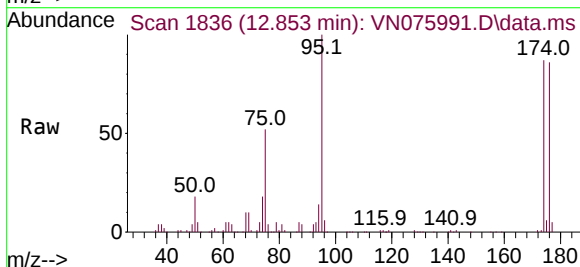
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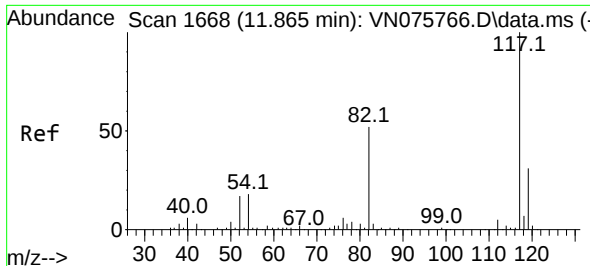
Tgt Ion: 43 Resp: 859
Ion Ratio Lower Upper
43 100
58 34.8 30.6 92.0



#62
4-Bromofluorobenzene
Concen: 45.609 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075991.D
Acq: 28 Dec 2022 11:35

Tgt Ion: 95 Resp: 177378
Ion Ratio Lower Upper
95 100
174 87.7 0.0 171.6
176 84.8 0.0 169.2

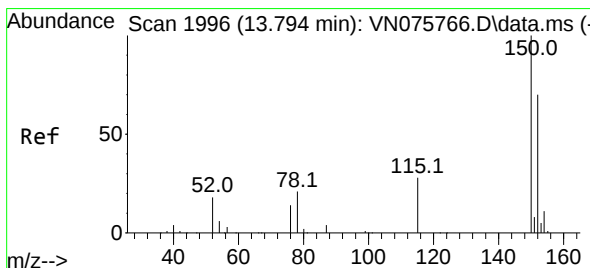
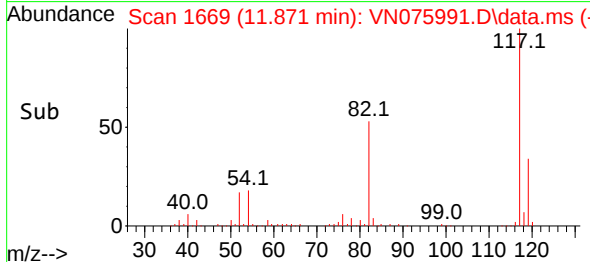
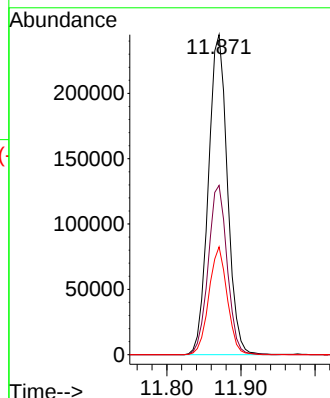
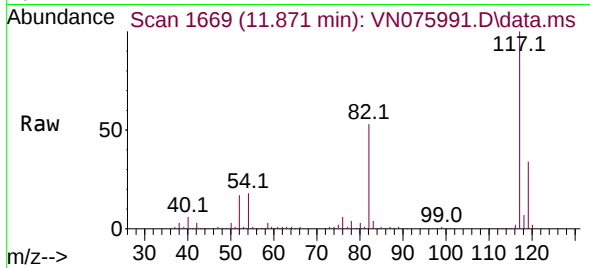




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075991.D
Acq: 28 Dec 2022 11:35

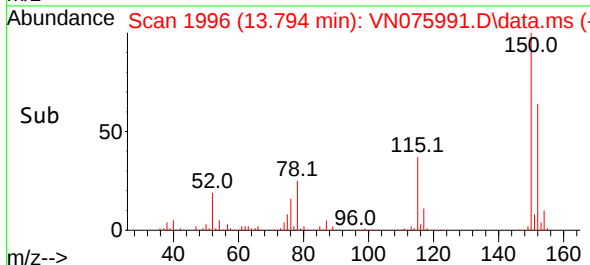
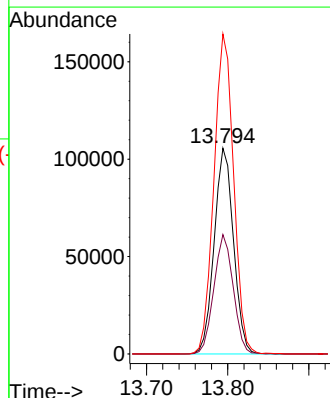
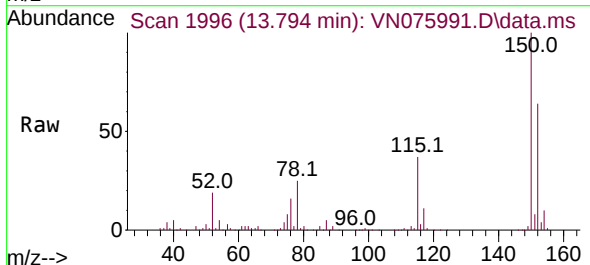
Instrument :
MSVOA_N
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VN1228WBL01

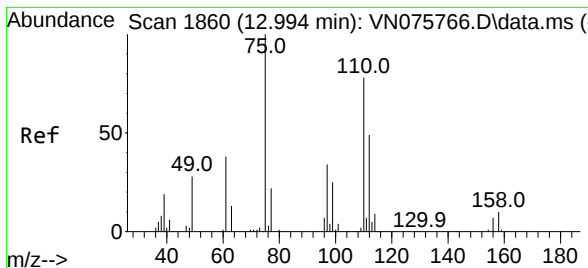
Tgt Ion:117 Resp: 435947
Ion Ratio Lower Upper
117 100
82 52.9 41.3 61.9
119 33.7 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075991.D
Acq: 28 Dec 2022 11:35

Tgt Ion:152 Resp: 174933
Ion Ratio Lower Upper
152 100
115 57.9 29.1 87.4
150 158.3 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 25.709 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN075991.D

Acq: 28 Dec 2022 11:35

Instrument :

MSVOA_N

ClientSampleId :

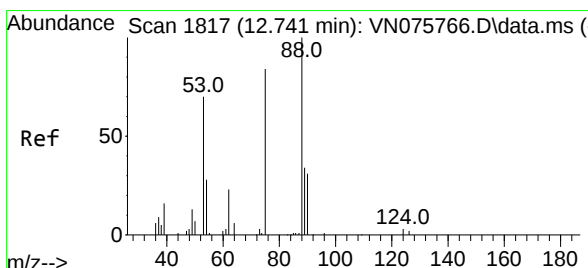
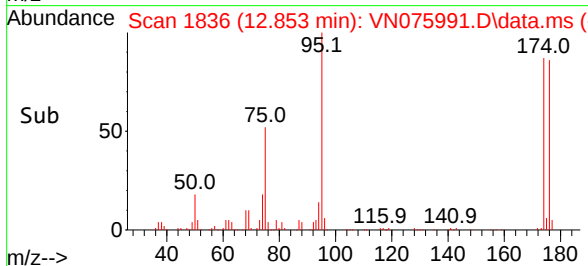
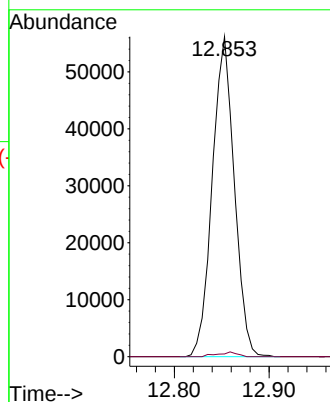
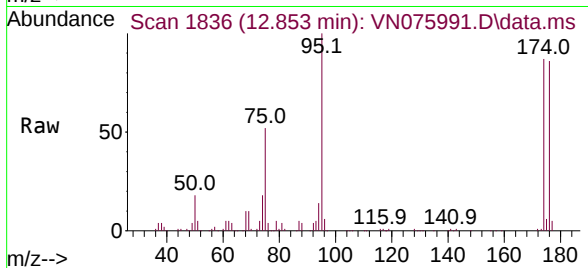
VN1228WBL01

Tgt Ion: 75 Resp: 90655

Ion Ratio Lower Upper

75 100

77 1.3 82.6 247.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 92.539 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.112 min

Lab File: VN075991.D

Acq: 28 Dec 2022 11:35

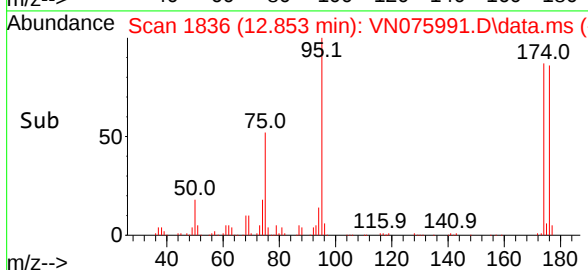
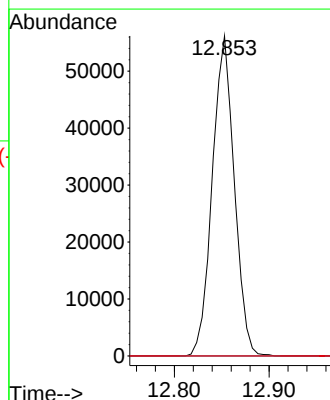
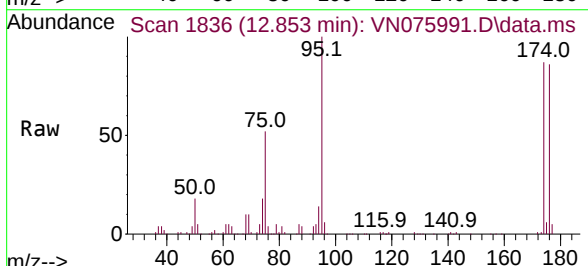
Tgt Ion: 75 Resp: 90655

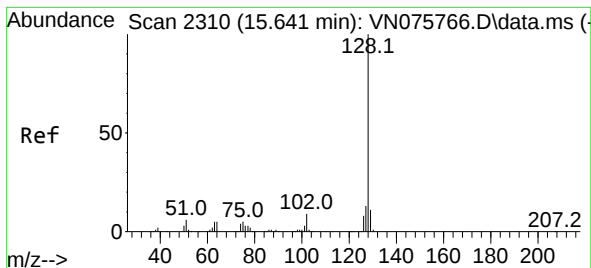
Ion Ratio Lower Upper

75 100

53 0.0 73.8 110.6#

89 0.0 39.5 59.3#





#95

Naphthalene

Concen: 2.694 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN075991.D

Acq: 28 Dec 2022 11:35

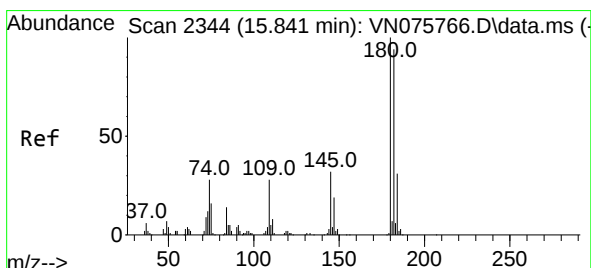
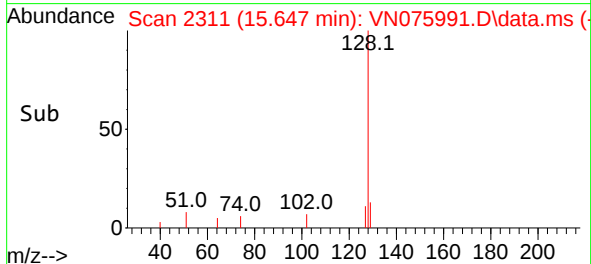
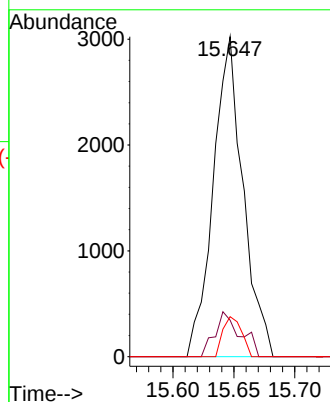
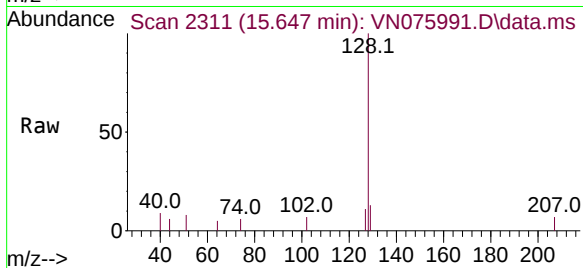
Instrument :

MSVOA_N

ClientSampleId :

VN1228WBL01

Tgt Ion:128	Resp:	5140
Ion	Ratio	Lower Upper
128	100	
127	12.0	10.4 15.6
129	7.9	8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 0.437 ug/l

RT: 15.847 min Scan# 2345

Delta R.T. 0.006 min

Lab File: VN075991.D

Acq: 28 Dec 2022 11:35

Tgt Ion:180	Resp:	1176
Ion	Ratio	Lower Upper
180	100	
182	110.9	47.0 141.0
145	28.8	16.0 47.9

