

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112922\
 Data File : VN075465.D
 Acq On : 29 Nov 2022 10:33
 Operator : JC\MD
 Sample : VN1129WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBL01

Quant Time: Nov 30 02:24:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

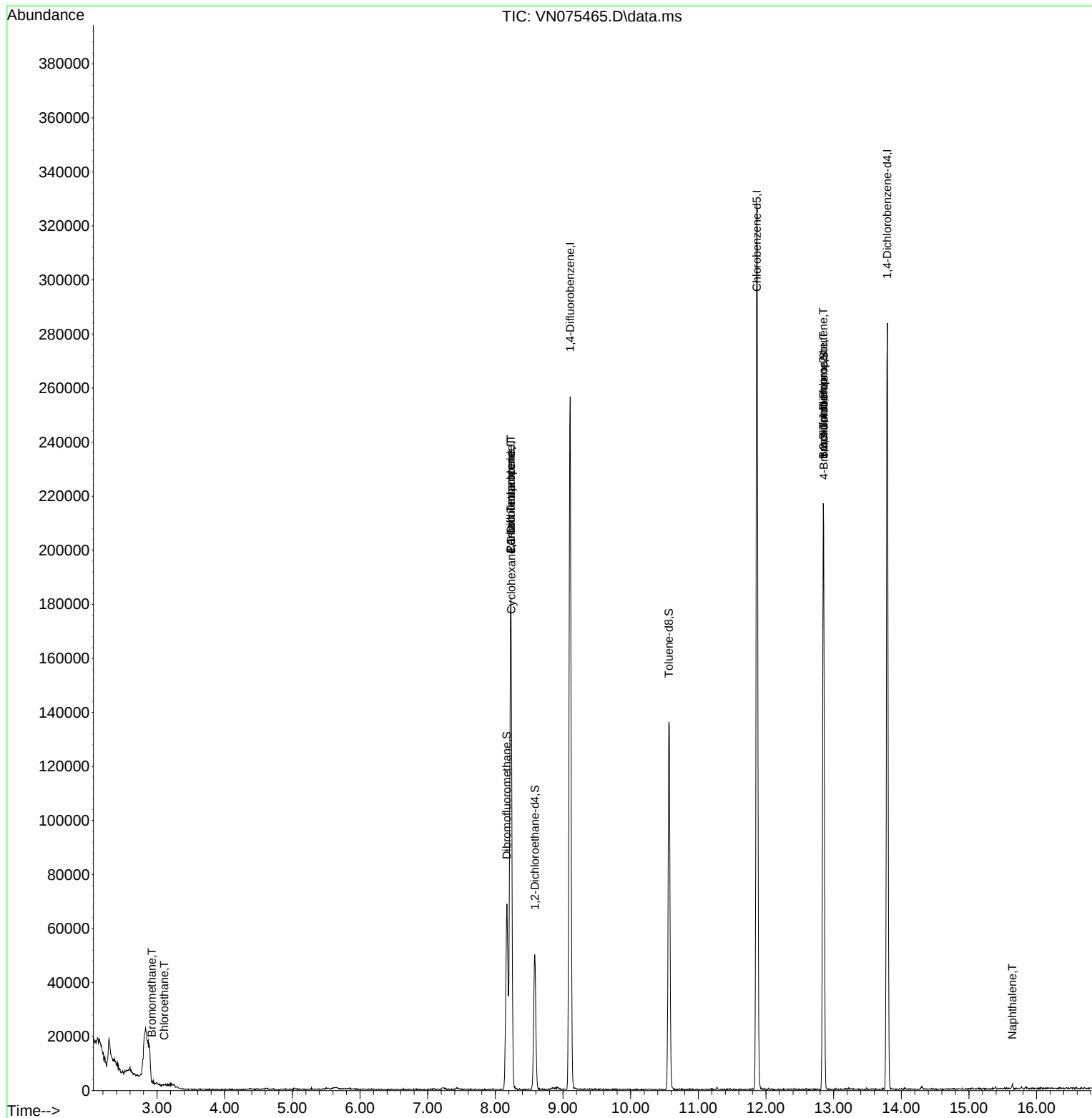
Internal Standards						
1) Pentafluorobenzene	8.230	168	139271	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	238460	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	200849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	80009	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	40849	54.641	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.280%	
35) Dibromofluoromethane	8.171	113	48398	51.666	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.340%	
50) Toluene-d8	10.565	98	101161	47.948	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.900%	
62) 4-Bromofluorobenzene	12.853	95	75687	48.602	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.200%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.924	94	332	0.226	ug/l #	5
6) Chloroethane	3.106	64	452	0.357	ug/l #	45
18) Methyl Acetate	5.030	43	277	Below Cal	#	47
20) Methylene Chloride	5.283	84	104	Below Cal	#	36
31) Cyclohexane	8.235	56	2540	1.069	ug/l #	67
36) 1,1-Dichloropropene	8.230	75	10107	4.948	ug/l #	51
38) Carbon Tetrachloride	8.230	117	14496	6.460	ug/l #	15
71) Bromoform	12.847	173	388	0.329	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	38453	25.419	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	38453	75.209	ug/l #	10
95) Naphthalene	15.641	128	1821	0.424	ug/l #	69

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

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Quant Title : SW846 8260
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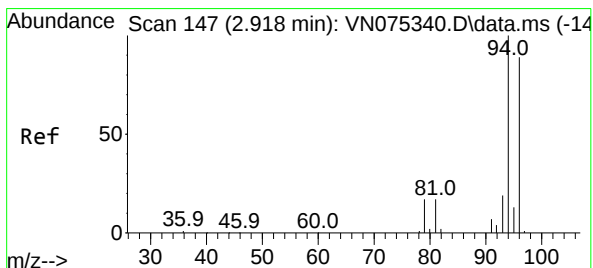
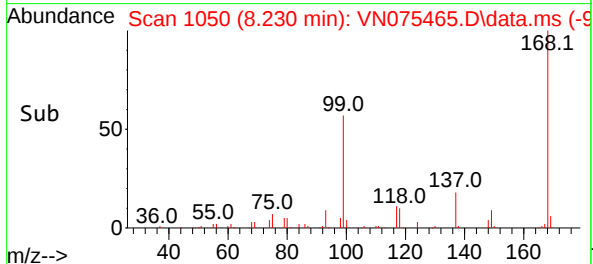
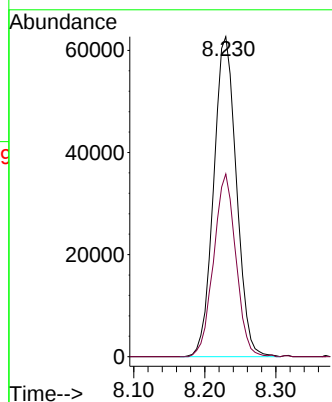
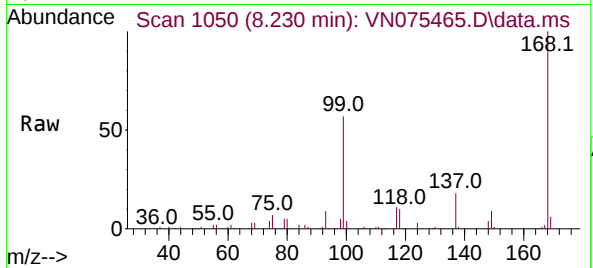




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075465.D
Acq: 29 Nov 2022 10:33

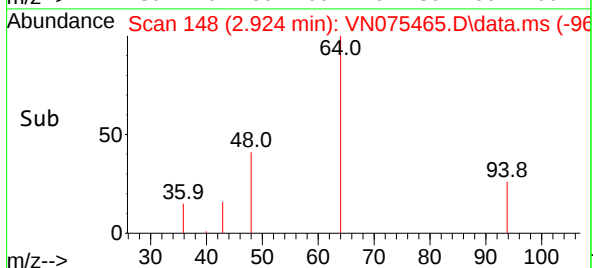
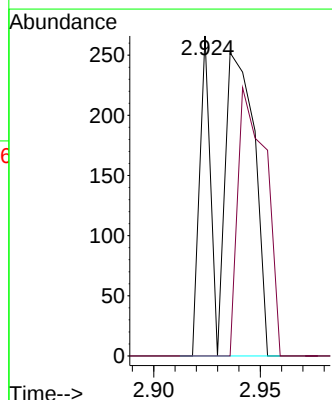
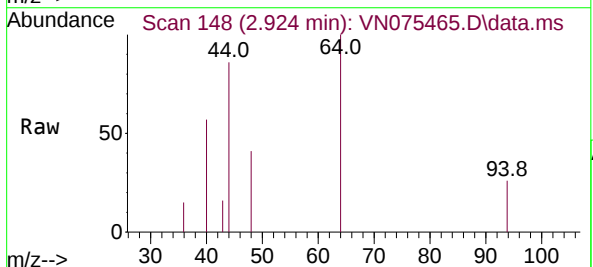
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBL01

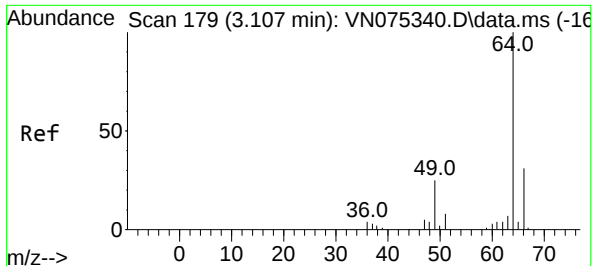
Tgt Ion:168 Resp: 139271
Ion Ratio Lower Upper
168 100
99 57.1 51.6 77.4



#5
Bromomethane
Concen: 0.226 ug/l
RT: 2.924 min Scan# 148
Delta R.T. 0.006 min
Lab File: VN075465.D
Acq: 29 Nov 2022 10:33

Tgt Ion: 94 Resp: 332
Ion Ratio Lower Upper
94 100
96 0.0 71.8 107.6#

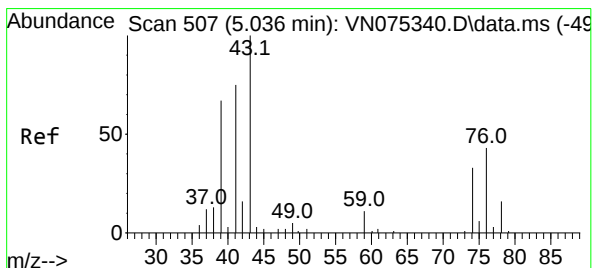
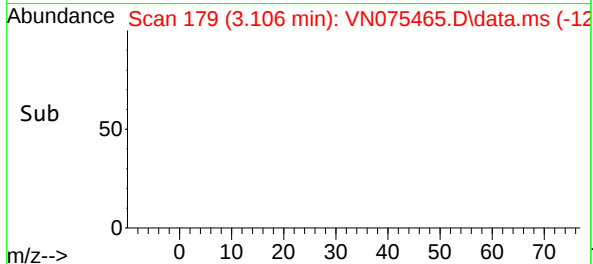
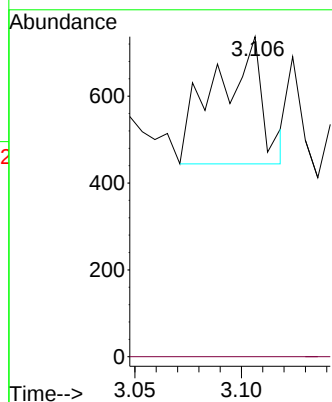
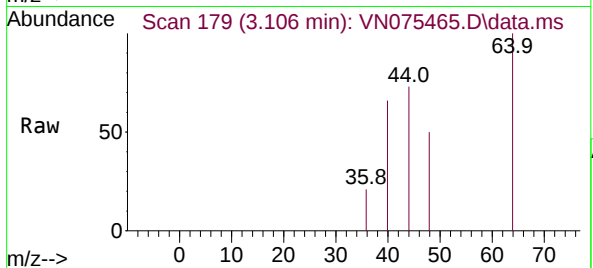




#6
Chloroethane
Concen: 0.357 ug/l
RT: 3.106 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN075465.D
Acq: 29 Nov 2022 10:33

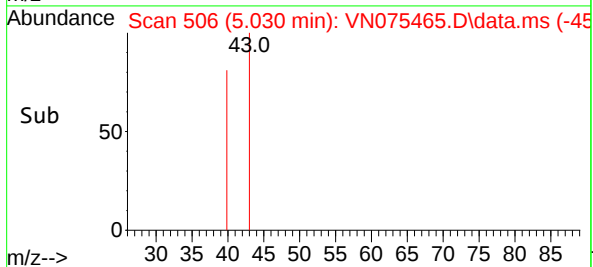
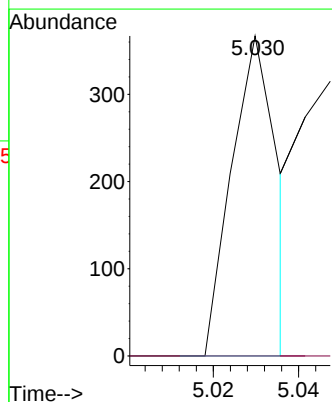
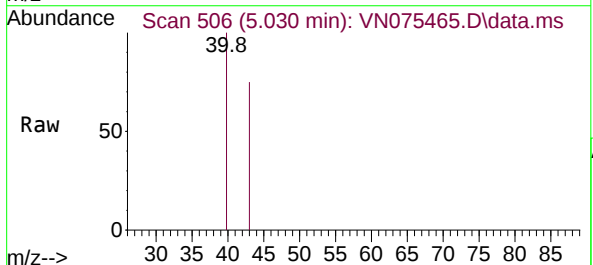
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBL01

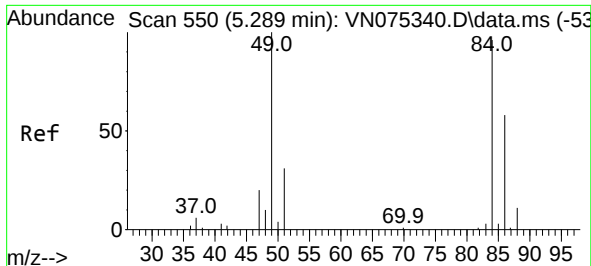
Tgt Ion: 64 Resp: 452
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.030 min Scan# 506
Delta R.T. -0.006 min
Lab File: VN075465.D
Acq: 29 Nov 2022 10:33

Tgt Ion: 43 Resp: 277
Ion Ratio Lower Upper
43 100
74 0.0 22.0 33.0#

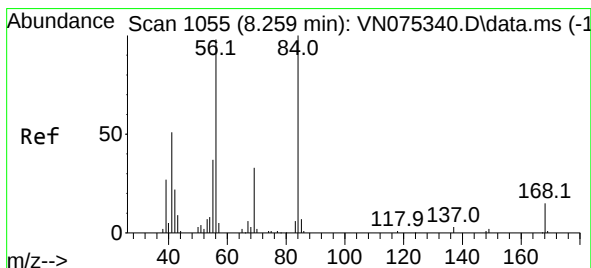
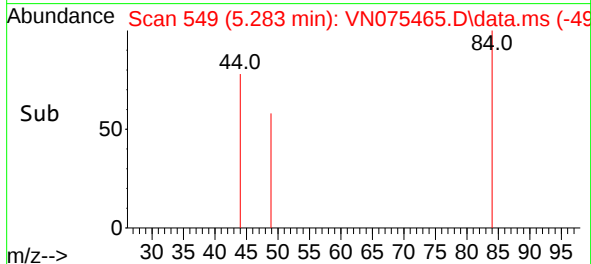
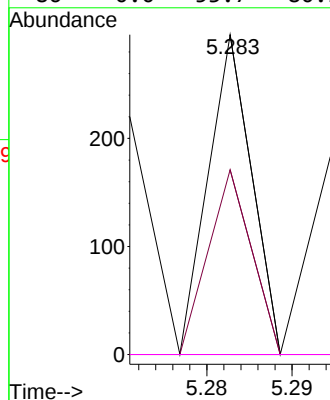
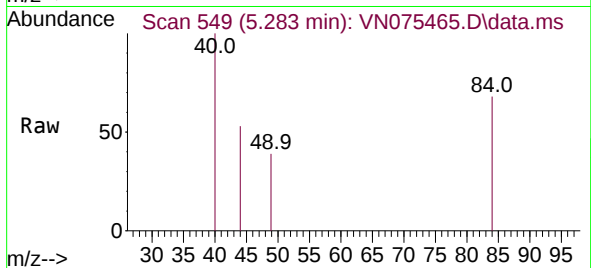




#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN075465.D
Acq: 29 Nov 2022 10:33

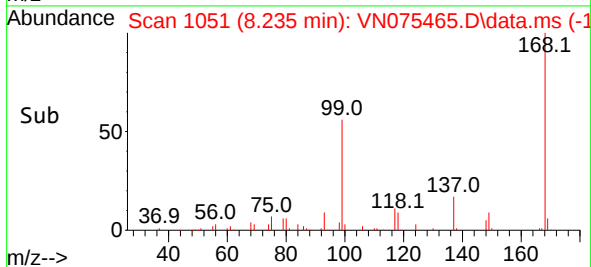
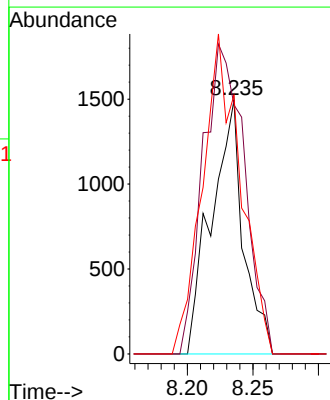
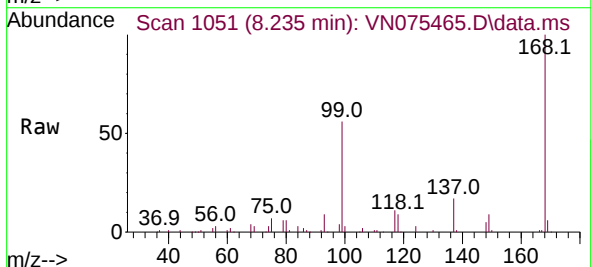
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBL01

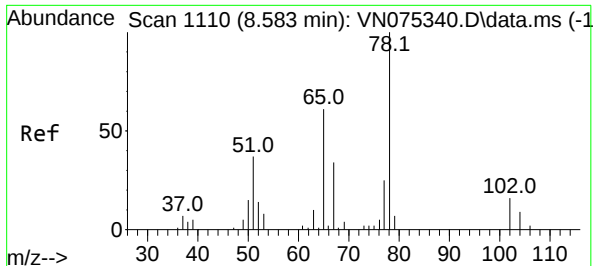
Tgt Ion:	84	Resp:	104
Ion	Ratio	Lower	Upper
84	100		
49	57.8	94.9	142.3#
51	0.0	26.8	40.2#
86	0.0	53.7	80.5#



#31
Cyclohexane
Concen: 1.069 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.024 min
Lab File: VN075465.D
Acq: 29 Nov 2022 10:33

Tgt Ion:	56	Resp:	2540
Ion	Ratio	Lower	Upper
56	100		
69	98.2	25.2	37.8#
84	101.9	77.8	116.8





#33

1,2-Dichloroethane-d4

Concen: 54.641 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VN075465.D

Acq: 29 Nov 2022 10:33

Instrument :

MSVOA_N

ClientSampleId :

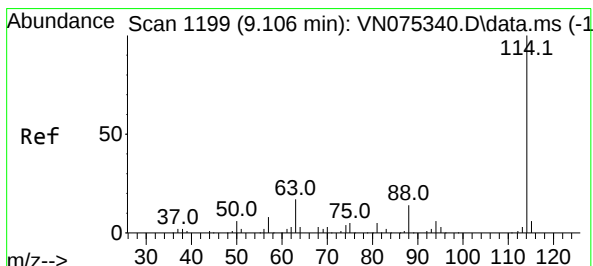
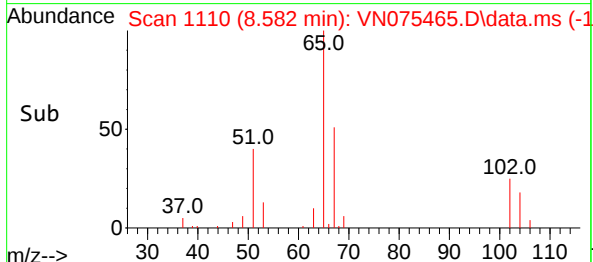
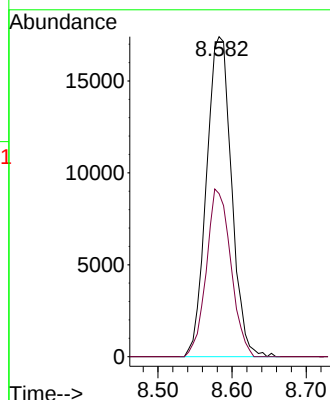
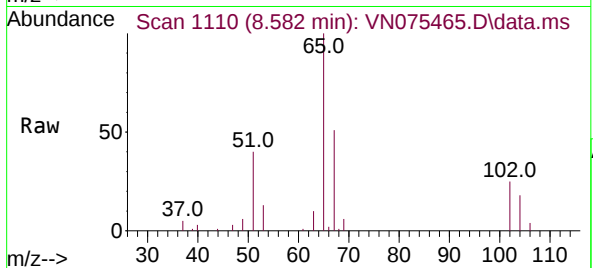
VN1129WBL01

Tgt Ion: 65 Resp: 40849

Ion Ratio Lower Upper

65 100

67 51.1 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075465.D

Acq: 29 Nov 2022 10:33

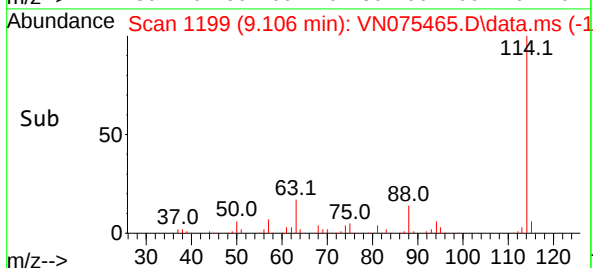
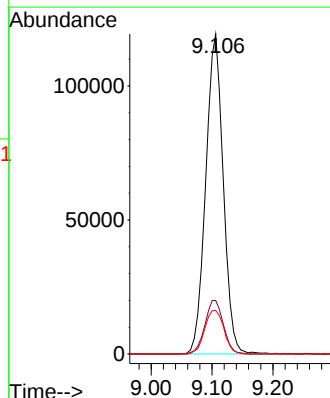
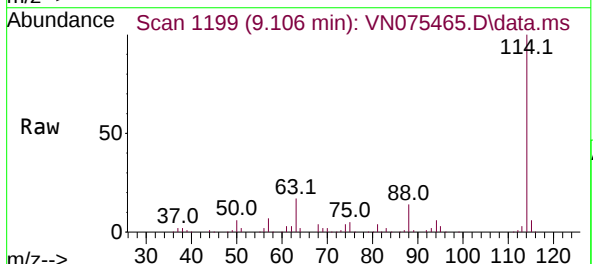
Tgt Ion: 114 Resp: 238460

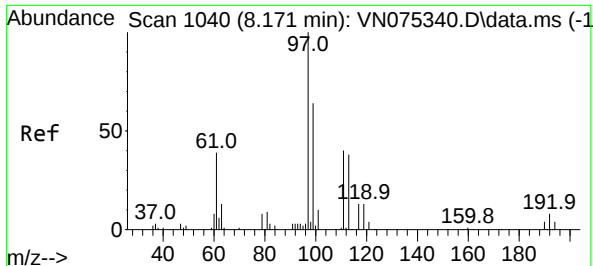
Ion Ratio Lower Upper

114 100

63 16.7 0.0 39.6

88 13.6 0.0 29.0

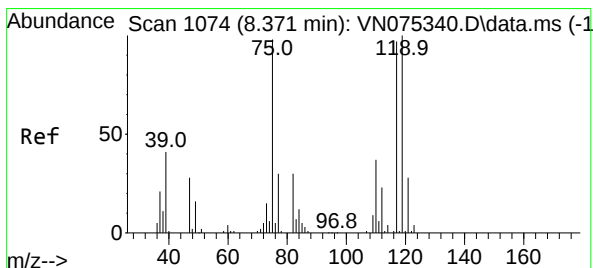
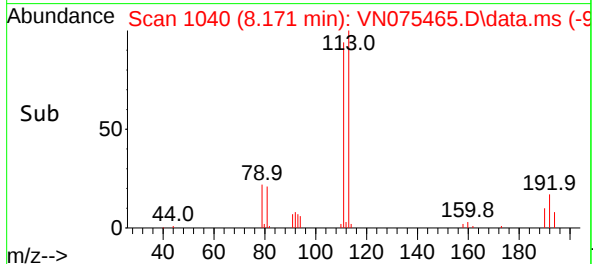
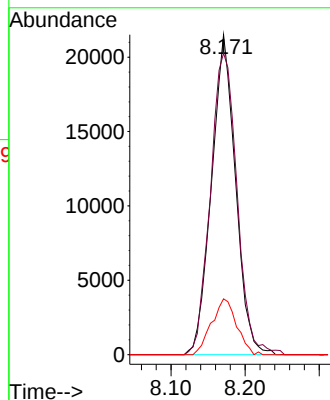
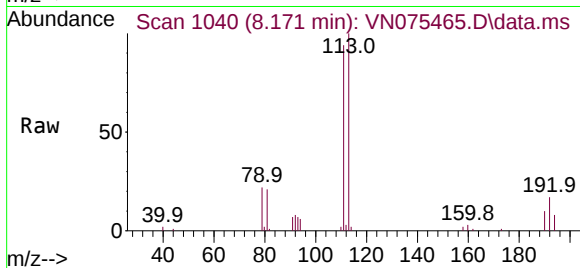




#35
Dibromofluoromethane
Concen: 51.666 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075465.D
Acq: 29 Nov 2022 10:33

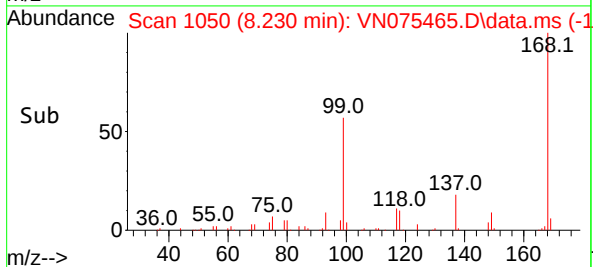
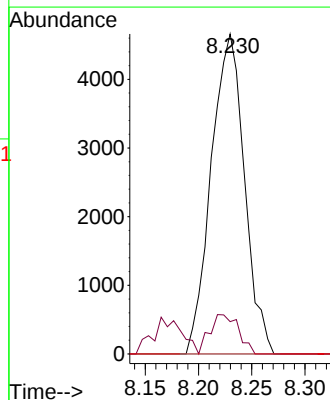
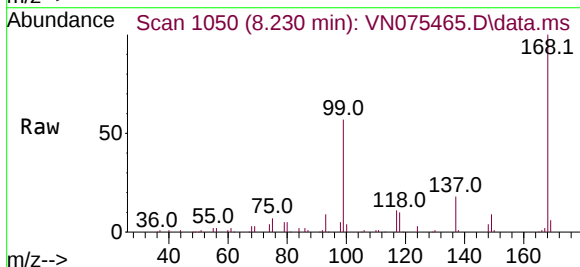
Instrument :
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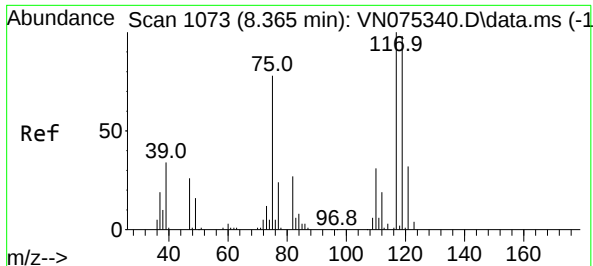
Tgt Ion:113 Resp: 48398
Ion Ratio Lower Upper
113 100
111 104.4 80.5 120.7
192 18.2 13.2 19.8



#36
1,1-Dichloropropene
Concen: 4.948 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.141 min
Lab File: VN075465.D
Acq: 29 Nov 2022 10:33

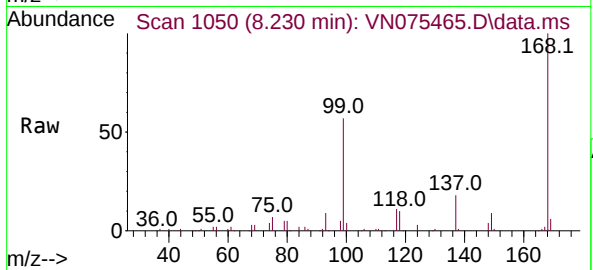
Tgt Ion: 75 Resp: 10107
Ion Ratio Lower Upper
75 100
110 10.6 17.8 53.3#
77 0.0 24.6 37.0#



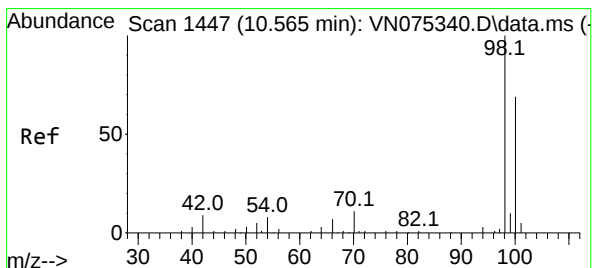
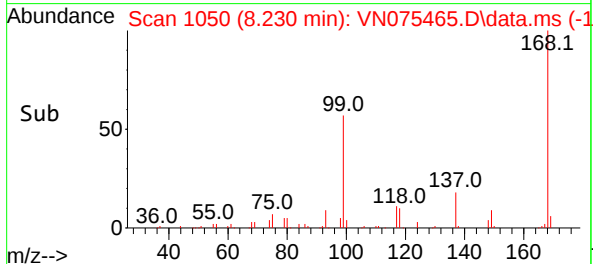
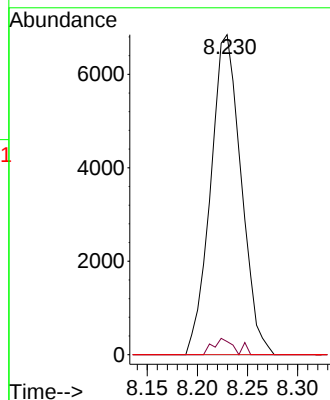


#38
Carbon Tetrachloride
Concen: 6.460 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN075465.D
Acq: 29 Nov 2022 10:33

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBL01

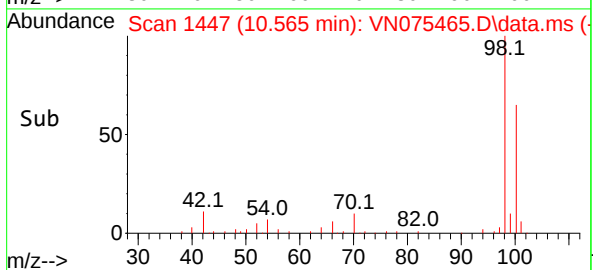
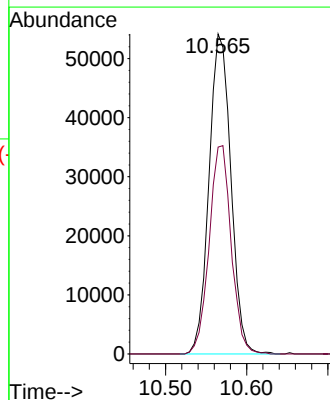
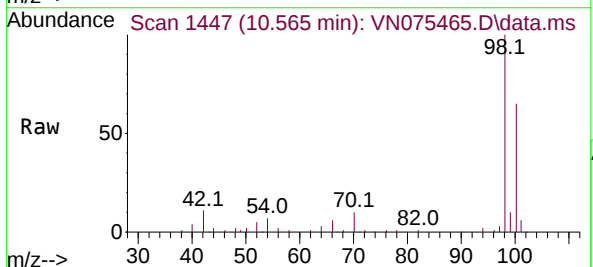


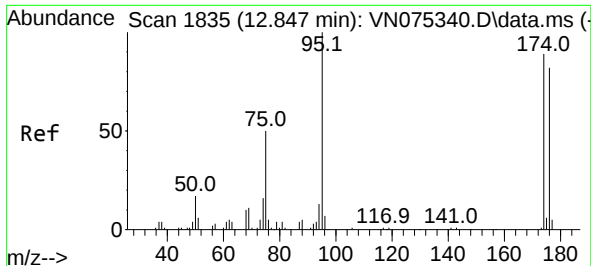
Tgt Ion:117 Resp: 14496
Ion Ratio Lower Upper
117 100
119 4.1 76.7 115.1#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 47.948 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN075465.D
Acq: 29 Nov 2022 10:33

Tgt Ion: 98 Resp: 101161
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.6

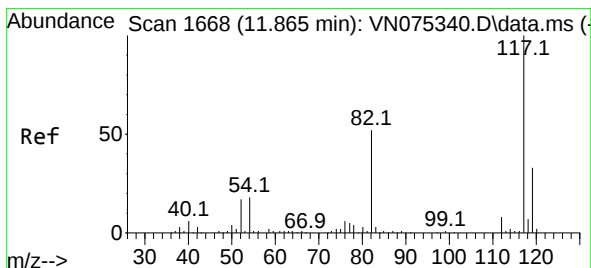
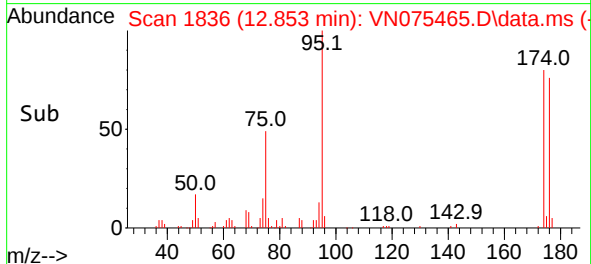
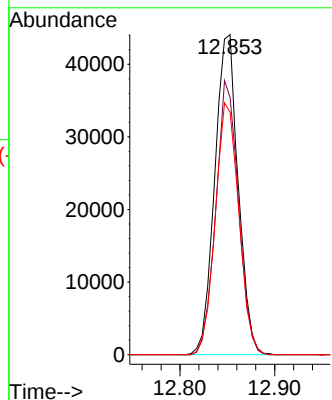
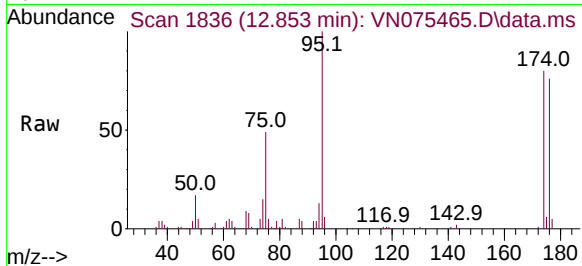




#62
4-Bromofluorobenzene
Concen: 48.602 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075465.D
Acq: 29 Nov 2022 10:33

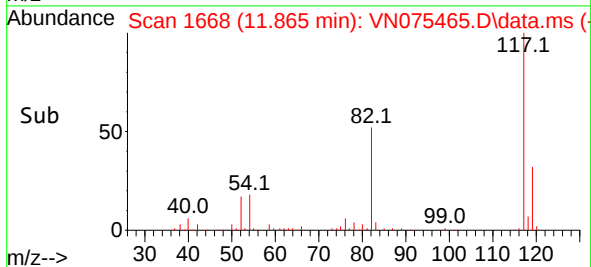
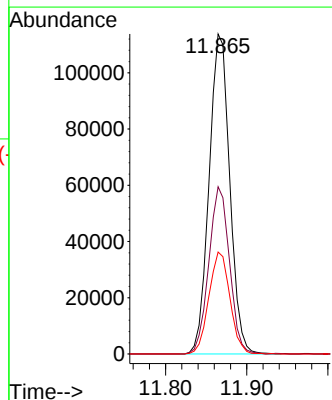
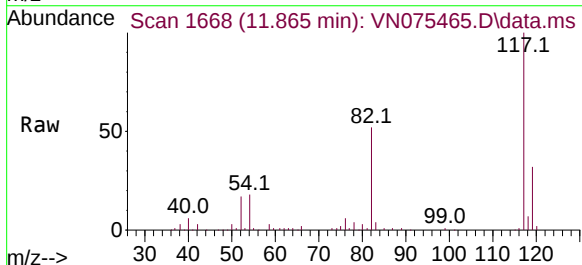
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBL01

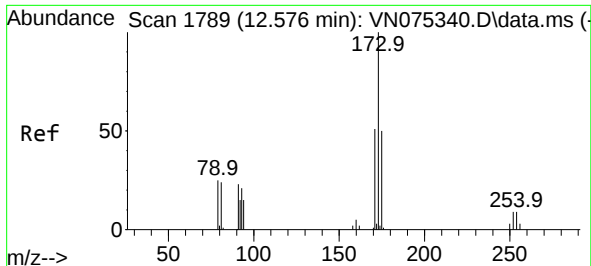
Tgt Ion: 95 Resp: 75687
Ion Ratio Lower Upper
95 100
174 82.5 0.0 147.4
176 79.2 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075465.D
Acq: 29 Nov 2022 10:33

Tgt Ion: 117 Resp: 200849
Ion Ratio Lower Upper
117 100
82 52.3 43.1 64.7
119 31.9 25.5 38.3





#71

Bromoform

Concen: 0.329 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. 0.271 min

Lab File: VN075465.D

Acq: 29 Nov 2022 10:33

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBL01

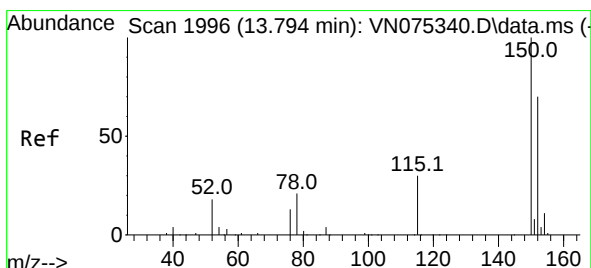
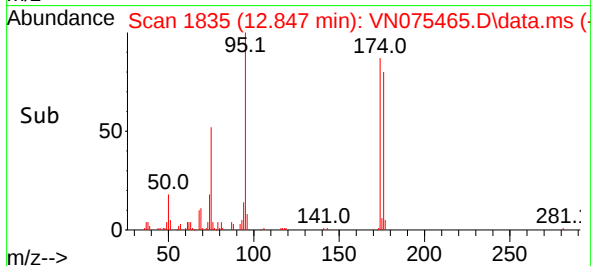
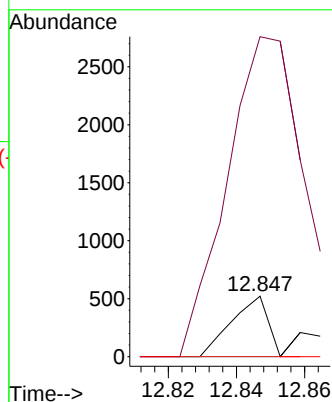
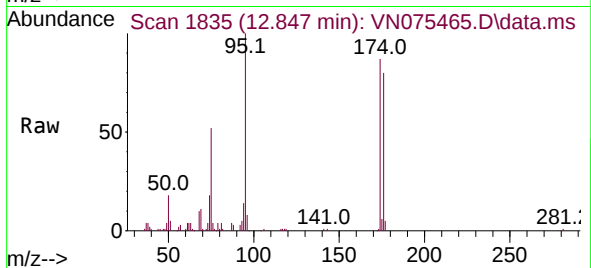
Tgt Ion:173 Resp: 388

Ion Ratio Lower Upper

173 100

175 856.4 24.6 74.0#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN075465.D

Acq: 29 Nov 2022 10:33

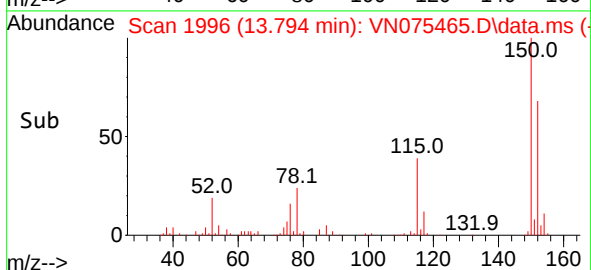
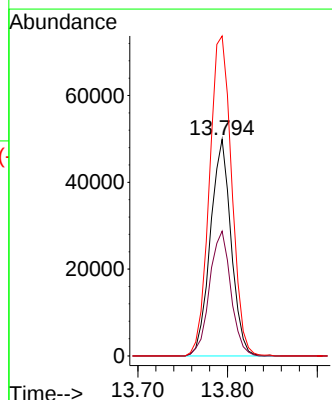
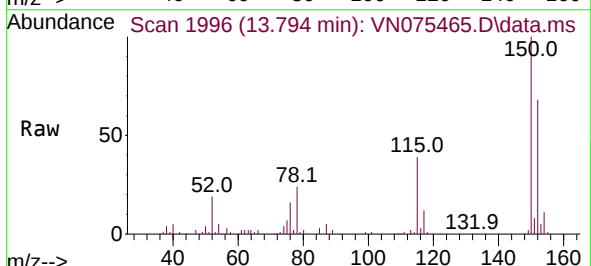
Tgt Ion:152 Resp: 80009

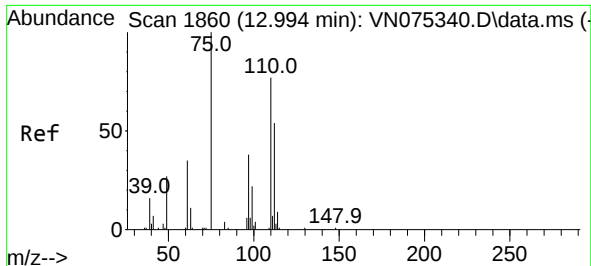
Ion Ratio Lower Upper

152 100

115 59.1 30.2 90.6

150 158.3 0.0 348.4

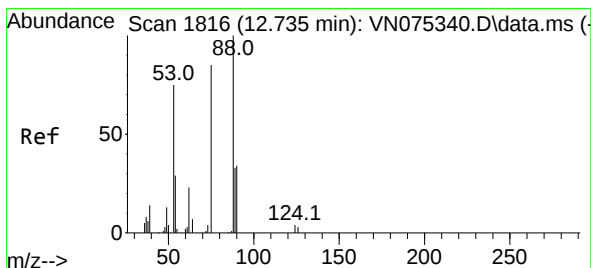
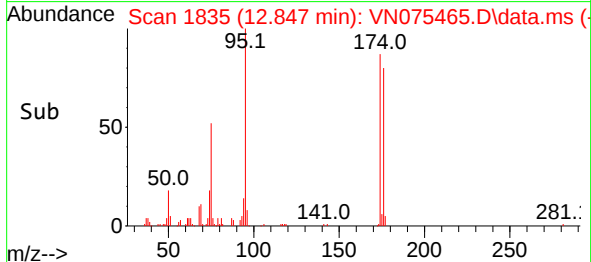
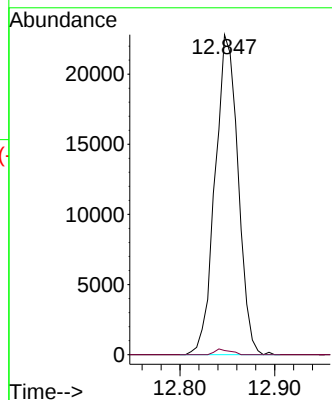
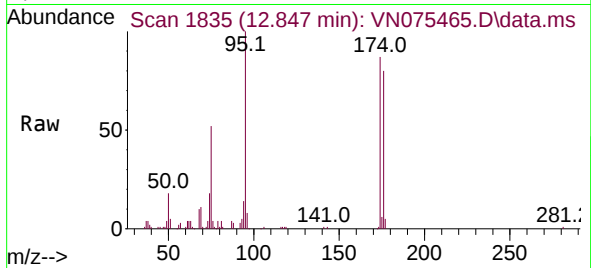




#76
1,2,3-Trichloropropane
Concen: 25.419 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075465.D
Acq: 29 Nov 2022 10:33

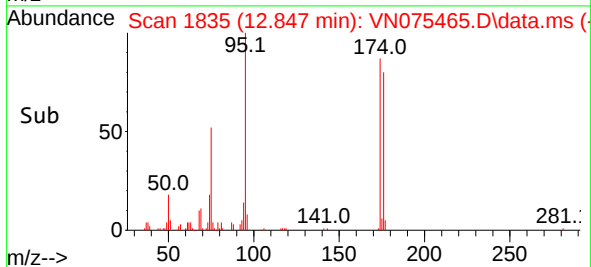
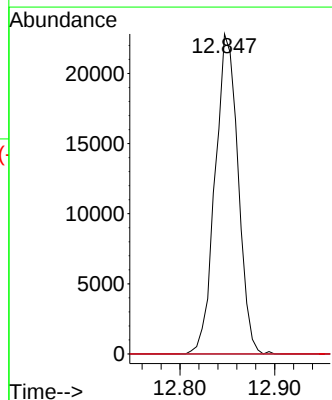
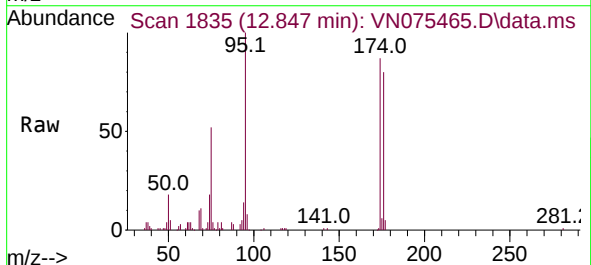
Instrument :
MSVOA_N
ClientSampleId :
VN1129WBL01

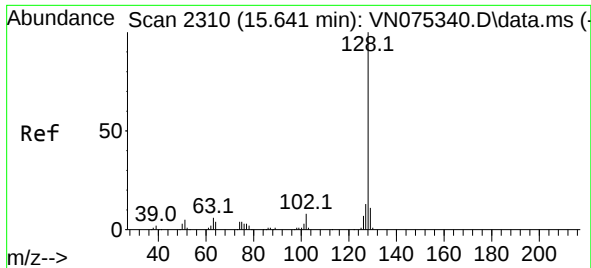
Tgt Ion: 75 Resp: 38453
Ion Ratio Lower Upper
75 100
77 1.2 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.209 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.112 min
Lab File: VN075465.D
Acq: 29 Nov 2022 10:33

Tgt Ion: 75 Resp: 38453
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#





#95

Naphthalene

Concen: 0.424 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075465.D

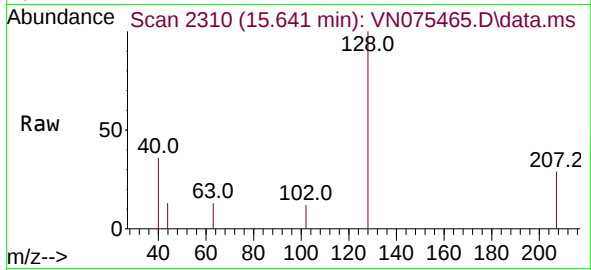
Acq: 29 Nov 2022 10:33

Instrument :

MSVOA_N

ClientSampleId :

VN1129WBL01



Tgt Ion:128 Resp: 1821

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.6 12.8#

