

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110122\
 Data File : VN075099.D
 Acq On : 01 Nov 2022 11:12
 Operator : JC\MD
 Sample : VN1101MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101MBL01

Quant Time: Nov 02 07:09:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

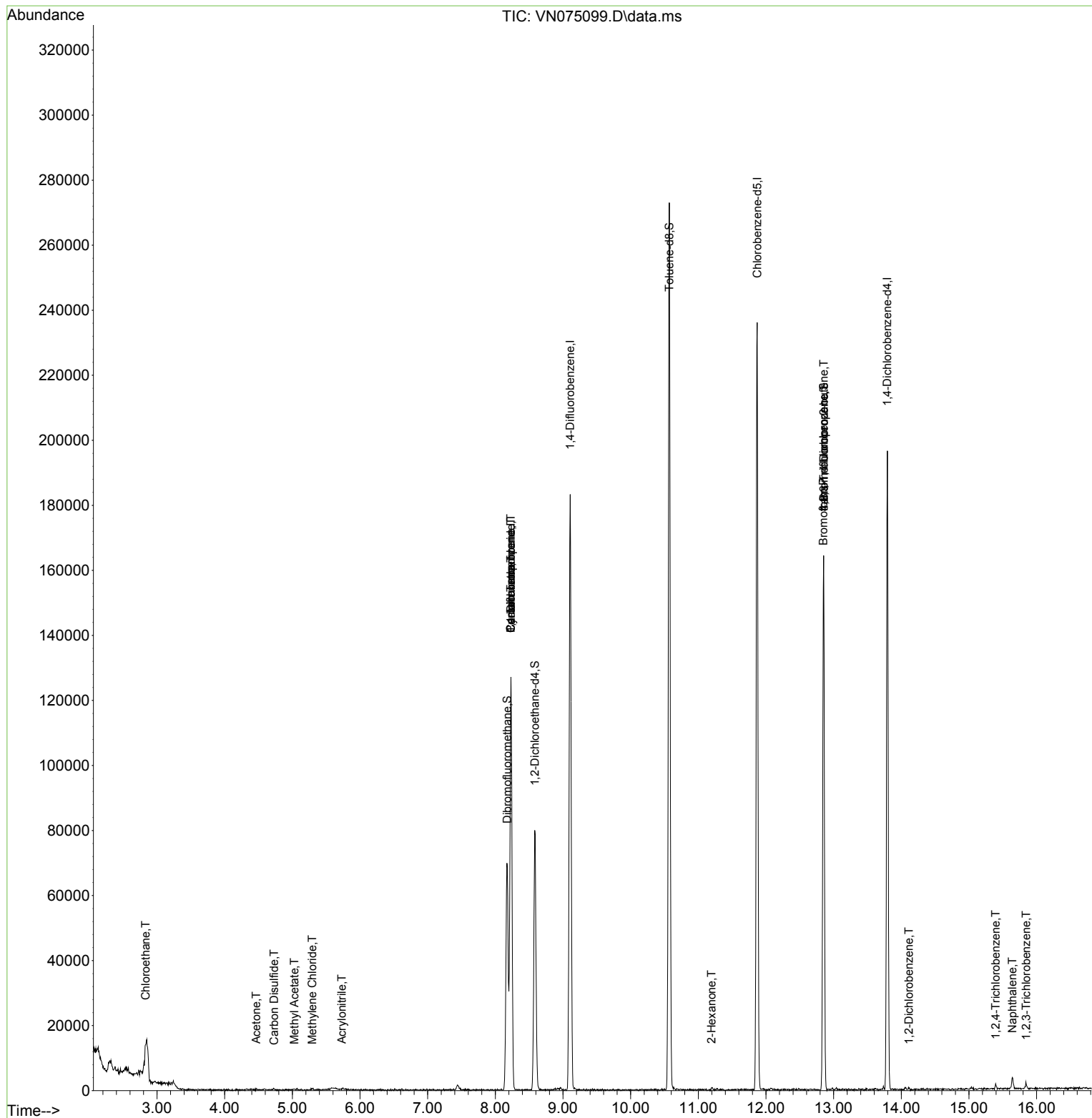
Internal Standards						
1) Pentafluorobenzene	8.229	168	86633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	160458	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	133830	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	50593	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	65291	55.934	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.860%			
35) Dibromofluoromethane	8.177	113	49972	53.051	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.100%			
50) Toluene-d8	10.570	98	188635	51.616	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.240%			
62) 4-Bromofluorobenzene	12.853	95	54491	42.445	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 84.900%			
Target Compounds						Qvalue
5) Bromomethane	2.953	94	595	Below Cal	#	75
6) Chloroethane	2.830	64	8267	6.751	ug/l #	59
15) Acrylonitrile	5.730	53	130	0.226	ug/l #	61
16) Acetone	4.465	43	198	0.401	ug/l #	43
17) Carbon Disulfide	4.730	76	715	0.310	ug/l #	74
18) Methyl Acetate	5.030	43	578	0.358	ug/l #	47
20) Methylene Chloride	5.294	84	399	0.362	ug/l #	7
31) Cyclohexane	8.229	56	2084	1.200	ug/l #	23
36) 1,1-Dichloropropene	8.229	75	7898	5.416	ug/l #	51
38) Carbon Tetrachloride	8.229	117	9893	6.167	ug/l #	15
59) 2-Hexanone	11.194	43	660	0.543	ug/l #	54
71) Bromoform	12.847	173	251	0.316	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	31535	29.356	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	31535	75.357	ug/l #	10
91) 1,2-Dichlorobenzene	14.111	146	436	0.250	ug/l #	70
93) 1,2,4-Trichlorobenzene	15.394	180	728	0.972	ug/l	71
95) Naphthalene	15.641	128	4241	1.472	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.847	180	745	1.001	ug/l #	80

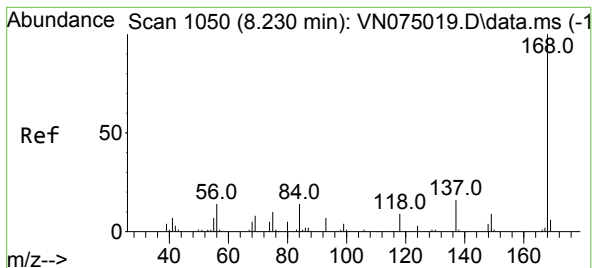
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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VN1101MBL01

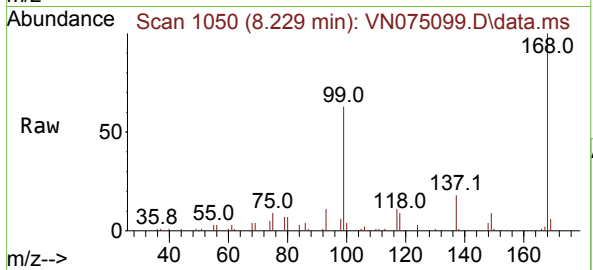
Quant Time: Nov 02 07:09:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
Response via : Initial Calibration



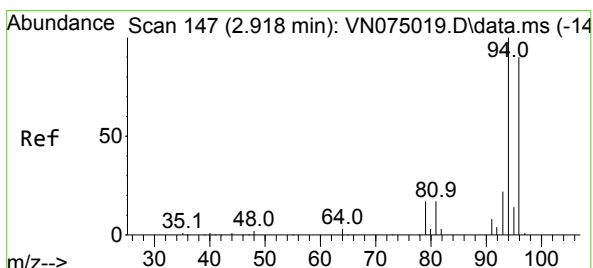
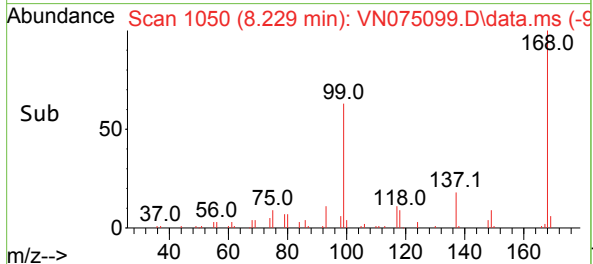
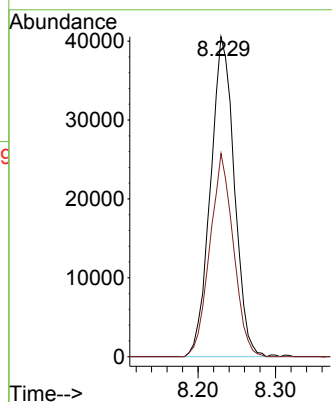


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN075099.D
Acq: 01 Nov 2022 11:12

Instrument :
MSVOA_N
ClientSampleId :
VN1101MBL01

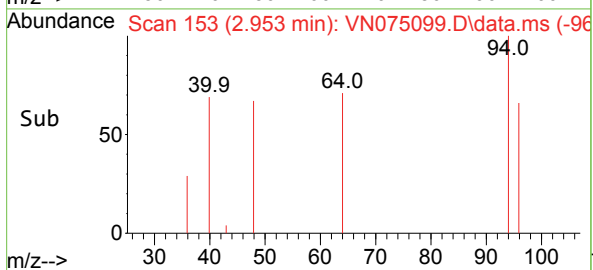
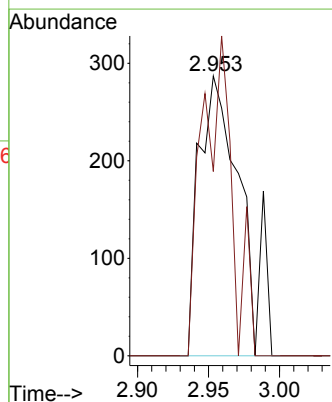
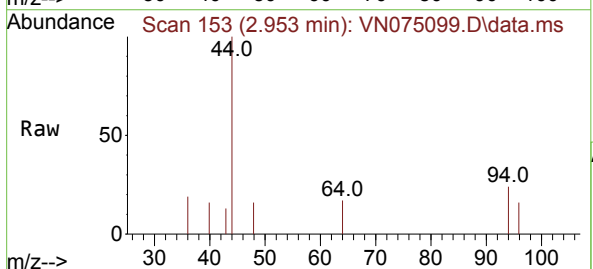


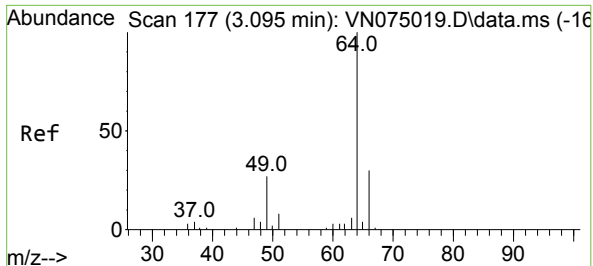
Tgt Ion:168 Resp: 86633
Ion Ratio Lower Upper
168 100
99 63.5 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.953 min Scan# 153
Delta R.T. 0.035 min
Lab File: VN075099.D
Acq: 01 Nov 2022 11:12

Tgt Ion: 94 Resp: 595
Ion Ratio Lower Upper
94 100
96 65.9 71.8 107.6#

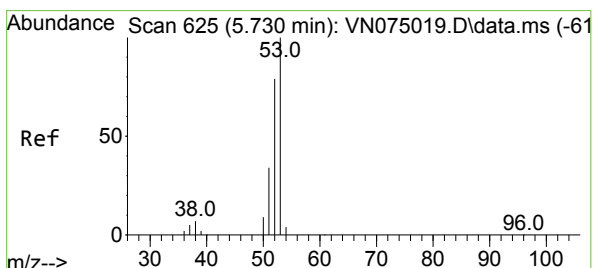
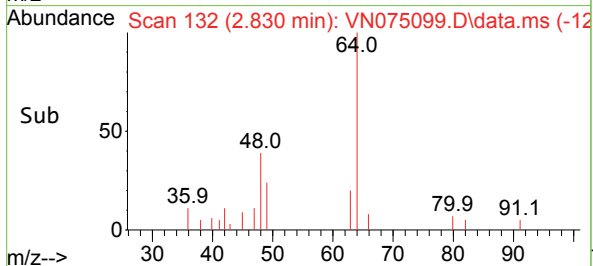
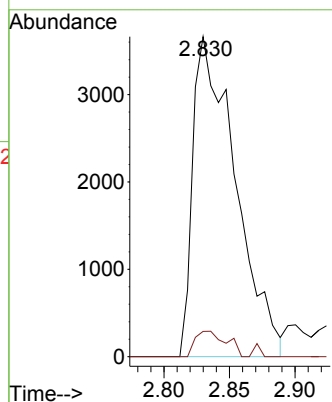
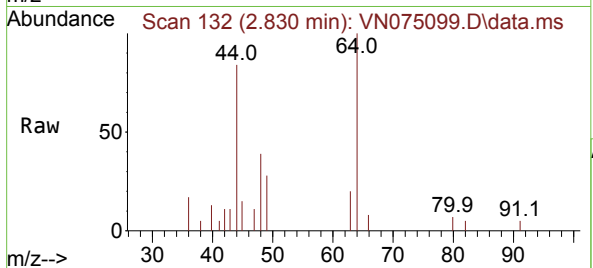




#6
Chloroethane
Concen: 6.751 ug/l
RT: 2.830 min Scan# 11
Delta R.T. -0.265 min
Lab File: VN075099.D
Acq: 01 Nov 2022 11:12

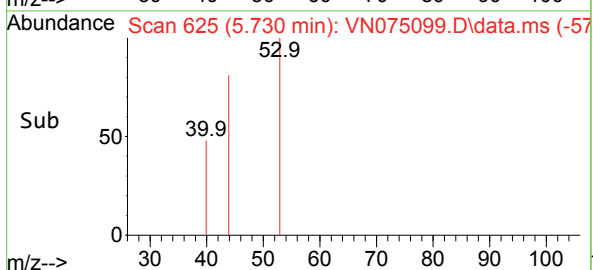
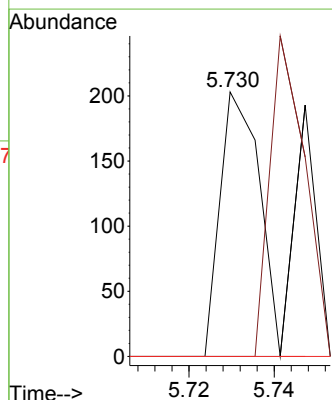
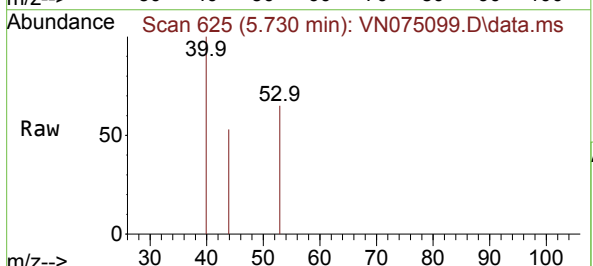
Instrument :
MSVOA_N
ClientSampleId :
VN1101MBL01

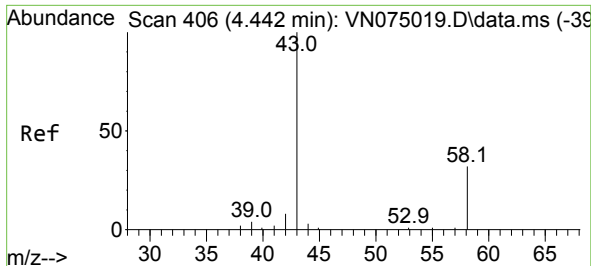
Tgt Ion: 64 Resp: 8267
Ion Ratio Lower Upper
64 100
66 7.9 23.8 35.8#



#15
Acrylonitrile
Concen: 0.226 ug/l
RT: 5.730 min Scan# 625
Delta R.T. -0.000 min
Lab File: VN075099.D
Acq: 01 Nov 2022 11:12

Tgt Ion: 53 Resp: 130
Ion Ratio Lower Upper
53 100
52 108.5 66.4 99.6#
51 0.0 29.6 44.4#





#16

Acetone

Concen: 0.401 ug/l

RT: 4.465 min Scan# 410

Delta R.T. 0.023 min

Lab File: VN075099.D

Acq: 01 Nov 2022 11:12

Instrument :

MSVOA_N

ClientSampleId :

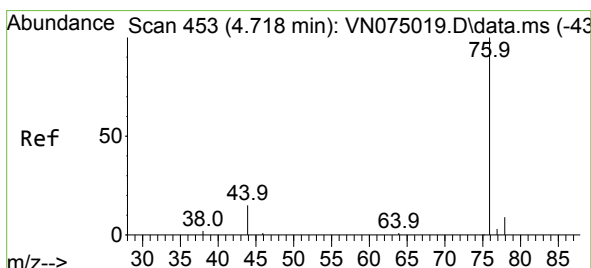
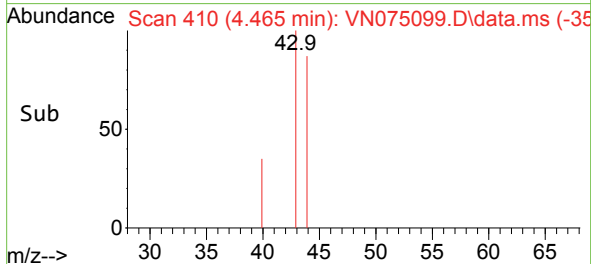
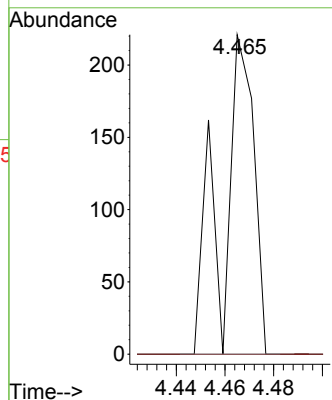
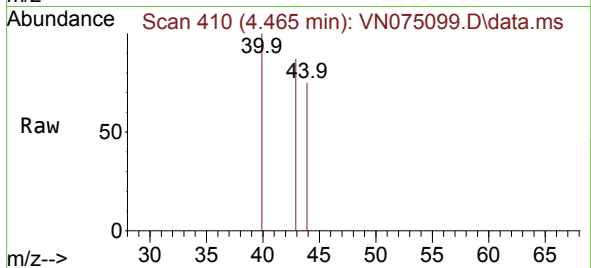
VN1101MBL01

Tgt Ion: 43 Resp: 198

Ion Ratio Lower Upper

43 100

58 0.0 25.5 38.3#



#17

Carbon Disulfide

Concen: 0.310 ug/l

RT: 4.730 min Scan# 455

Delta R.T. 0.012 min

Lab File: VN075099.D

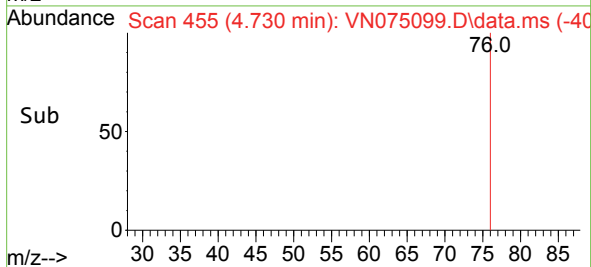
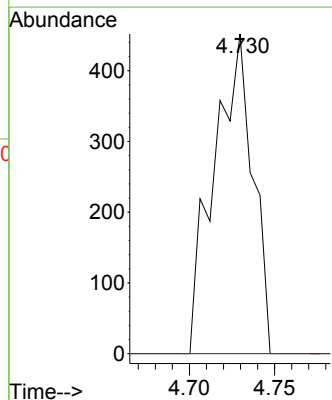
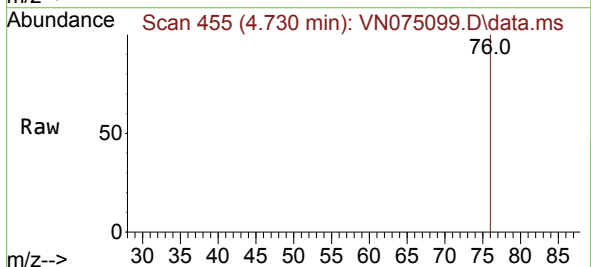
Acq: 01 Nov 2022 11:12

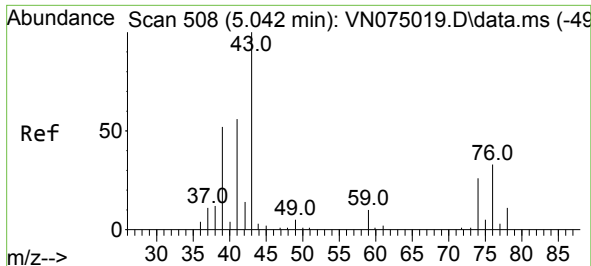
Tgt Ion: 76 Resp: 715

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.2#

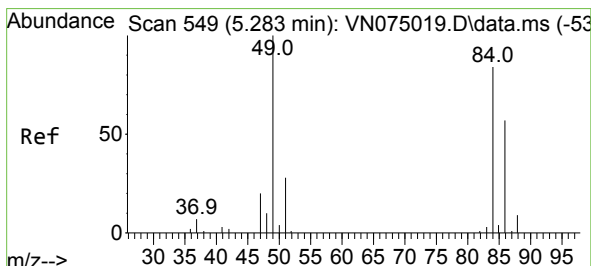
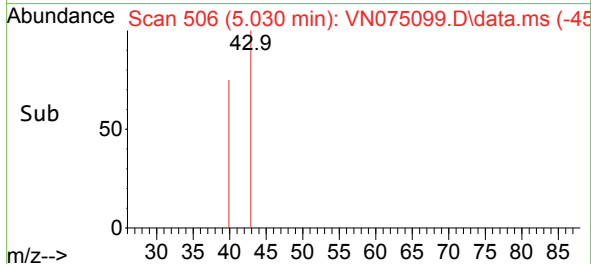
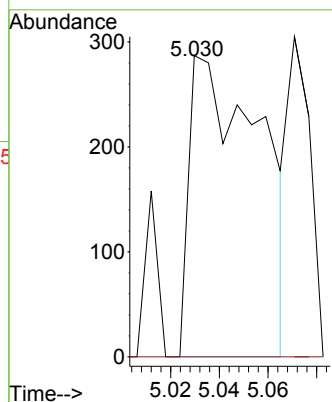
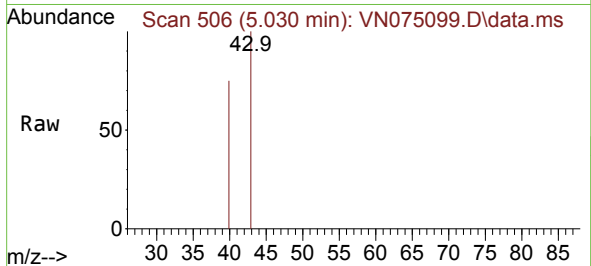




#18
Methyl Acetate
Concen: 0.358 ug/l
RT: 5.030 min Scan# 508
Delta R.T. -0.012 min
Lab File: VN075099.D
Acq: 01 Nov 2022 11:12

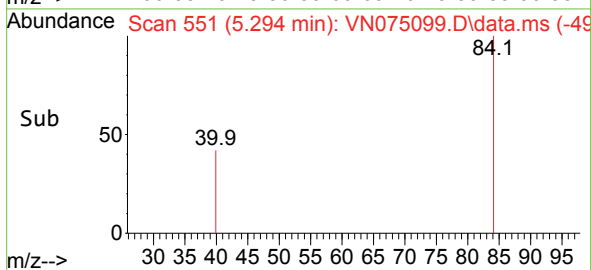
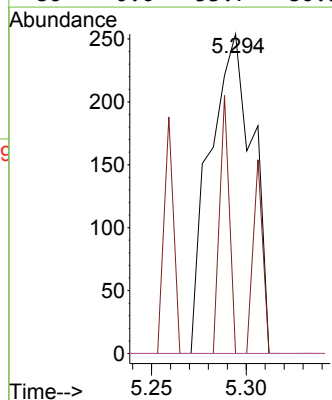
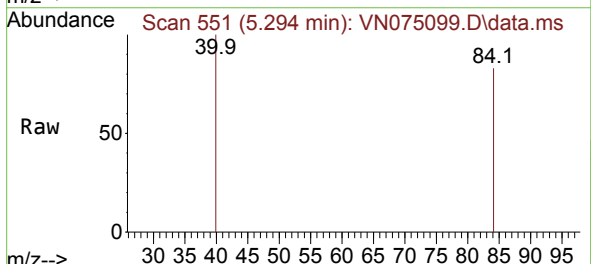
Instrument :
MSVOA_N
ClientSampleId :
VN1101MBL01

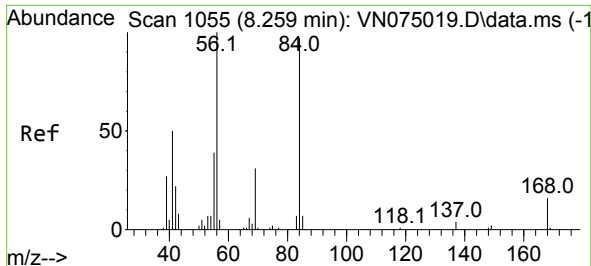
Tgt Ion: 43 Resp: 578
Ion Ratio Lower Upper
43 100
74 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: 0.362 ug/l
RT: 5.294 min Scan# 551
Delta R.T. 0.011 min
Lab File: VN075099.D
Acq: 01 Nov 2022 11:12

Tgt Ion: 84 Resp: 399
Ion Ratio Lower Upper
84 100
49 0.0 94.9 142.3#
51 0.0 26.8 40.2#
86 0.0 53.7 80.5#

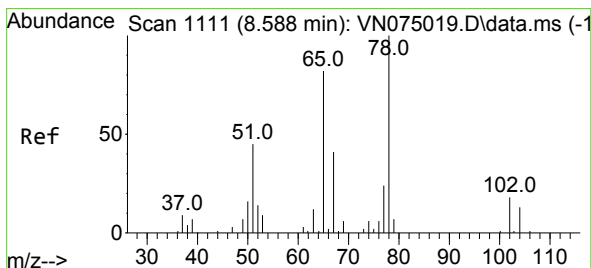
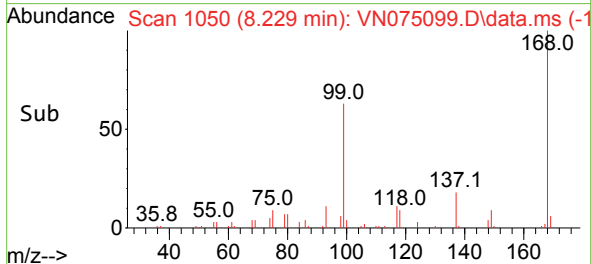
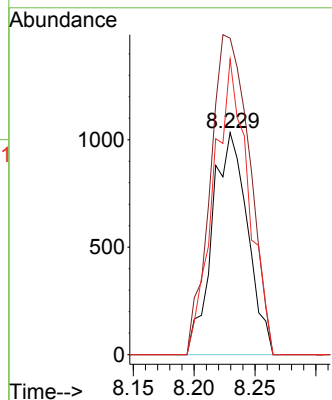
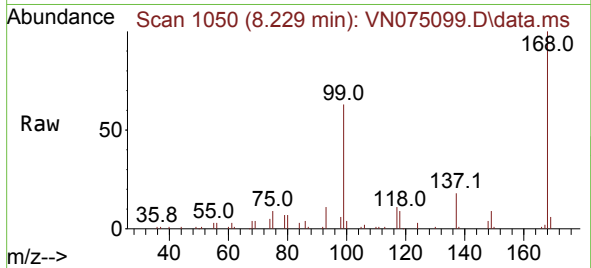




#31
Cyclohexane
Concen: 1.200 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.030 min
Lab File: VN075099.D
Acq: 01 Nov 2022 11:12

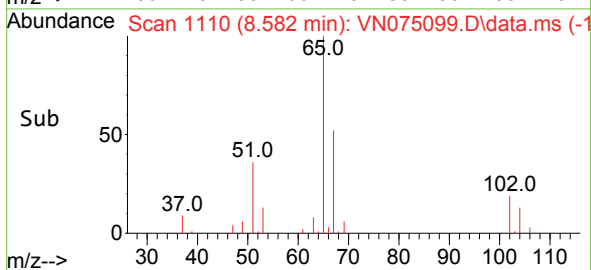
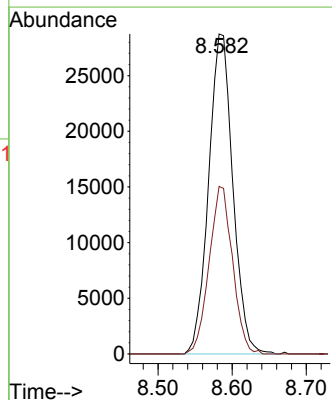
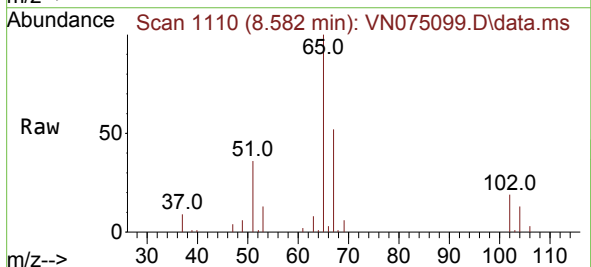
Instrument :
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ClientSampleId :
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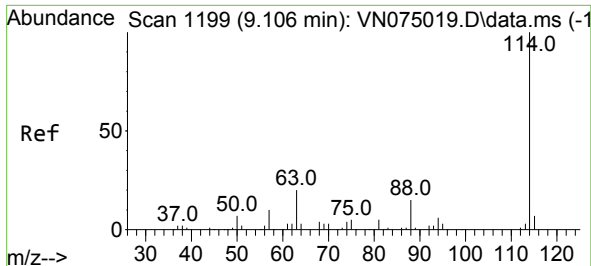
Tgt Ion: 56 Resp: 2084
Ion Ratio Lower Upper
56 100
69 142.6 25.2 37.8#
84 133.1 77.8 116.8#



#33
1,2-Dichloroethane-d4
Concen: 55.934 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VN075099.D
Acq: 01 Nov 2022 11:12

Tgt Ion: 65 Resp: 65291
Ion Ratio Lower Upper
65 100
67 50.6 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: VN075099.D

Acq: 01 Nov 2022 11:12

Instrument :

MSVOA_N

ClientSampleId :

VN1101MBL01

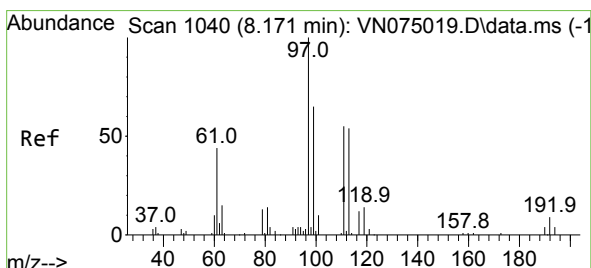
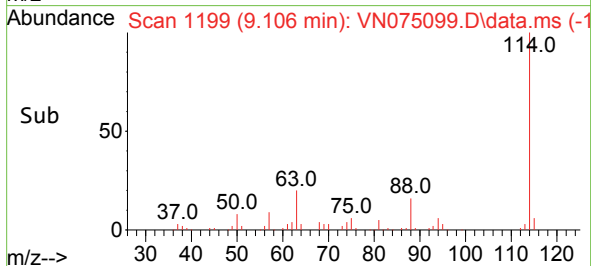
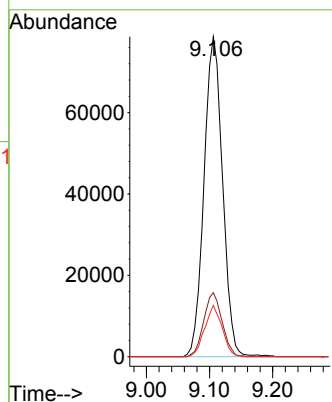
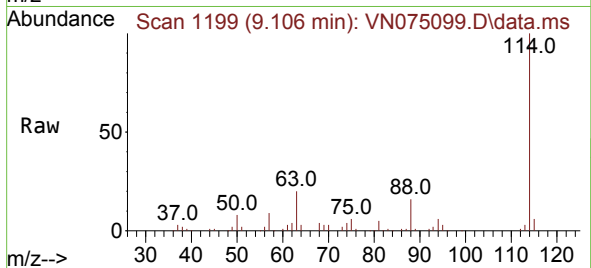
Tgt Ion:114 Resp: 160458

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.6

88 16.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 53.051 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075099.D

Acq: 01 Nov 2022 11:12

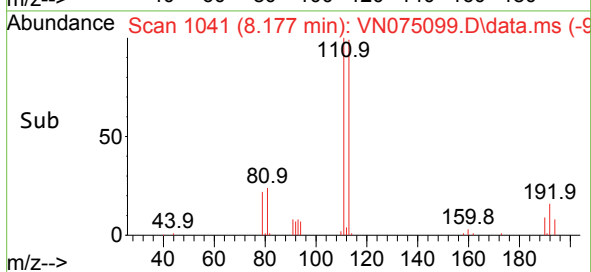
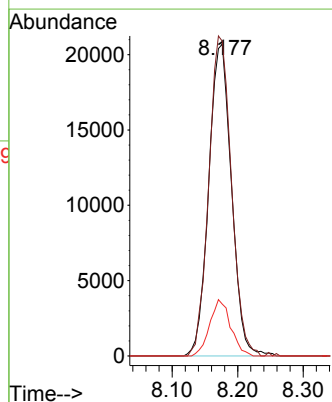
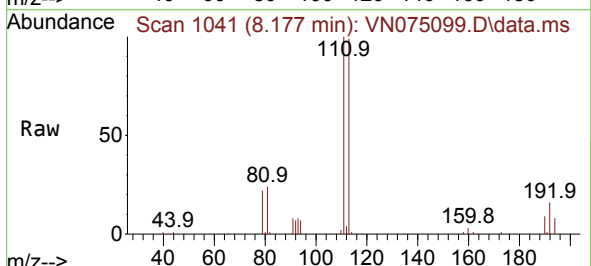
Tgt Ion:113 Resp: 49972

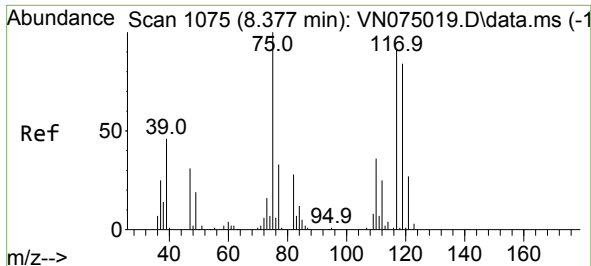
Ion Ratio Lower Upper

113 100

111 101.8 80.5 120.7

192 16.7 13.2 19.8

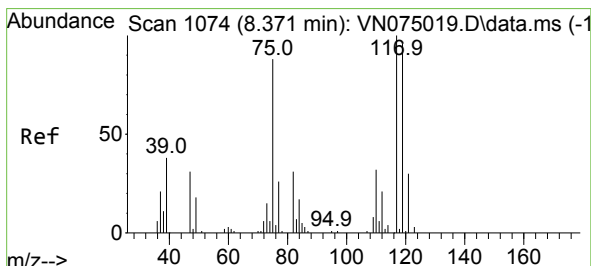
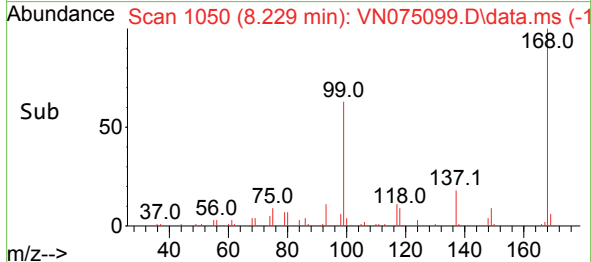
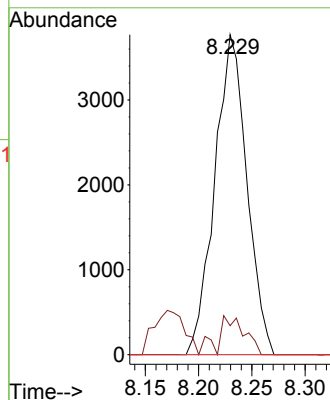
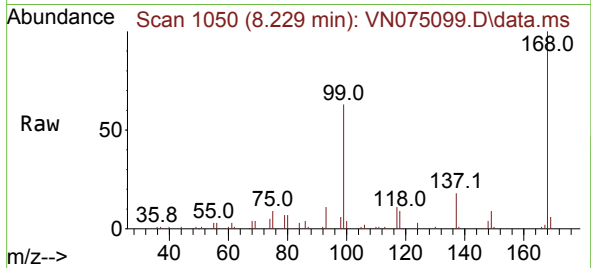




#36
1,1-Dichloropropene
Concen: 5.416 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.148 min
Lab File: VN075099.D
Acq: 01 Nov 2022 11:12

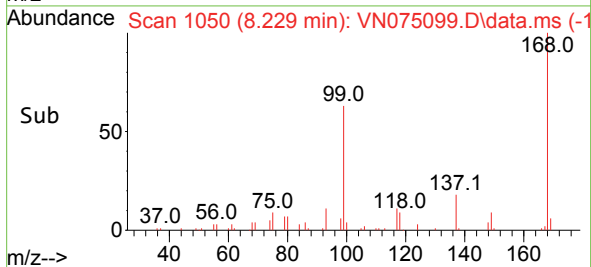
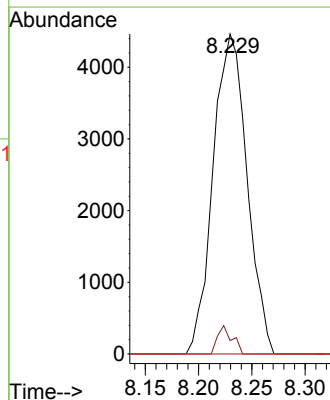
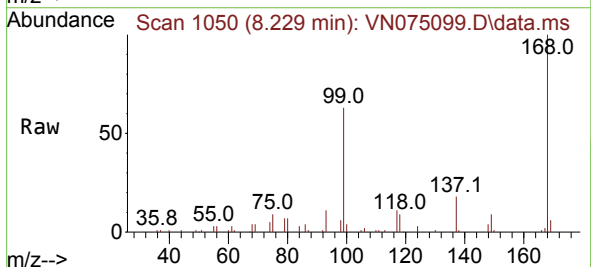
Instrument :
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VN1101MBL01

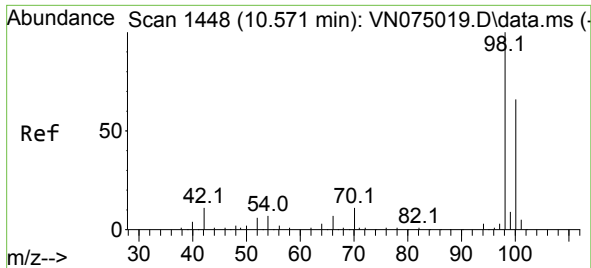
Tgt Ion: 75 Resp: 7898
Ion Ratio Lower Upper
75 100
110 10.1 17.8 53.3#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 6.167 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.142 min
Lab File: VN075099.D
Acq: 01 Nov 2022 11:12

Tgt Ion: 117 Resp: 9893
Ion Ratio Lower Upper
117 100
119 4.2 76.7 115.1#
121 0.0 23.9 35.9#

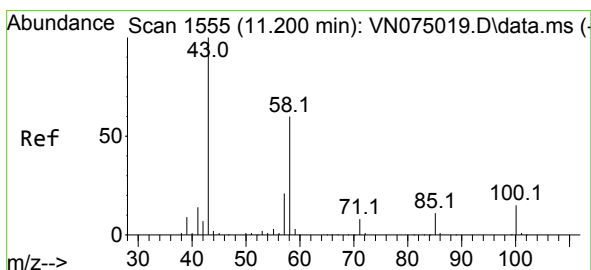
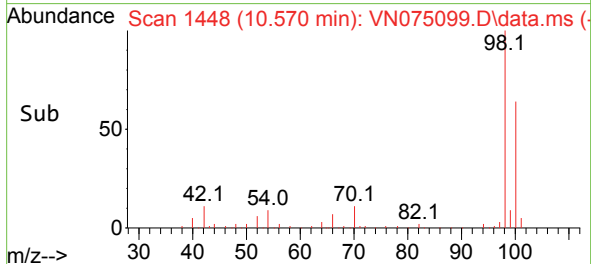
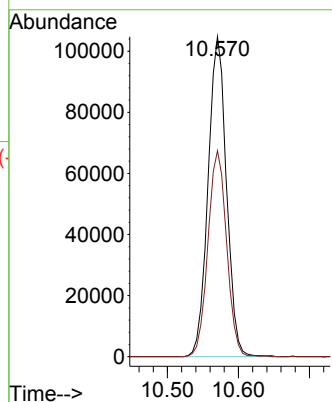
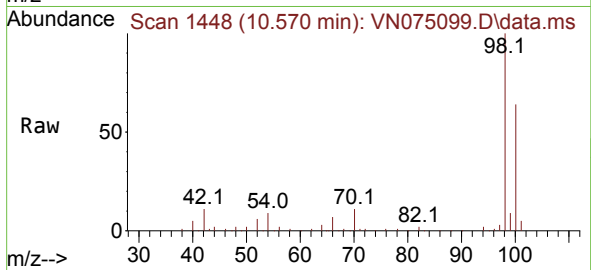




#50
Toluene-d8
Concen: 51.616 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.001 min
Lab File: VN075099.D
Acq: 01 Nov 2022 11:12

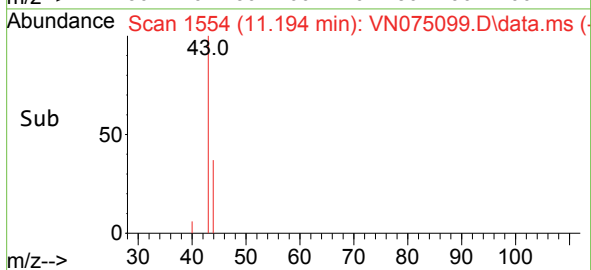
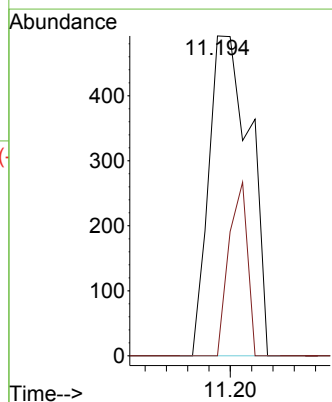
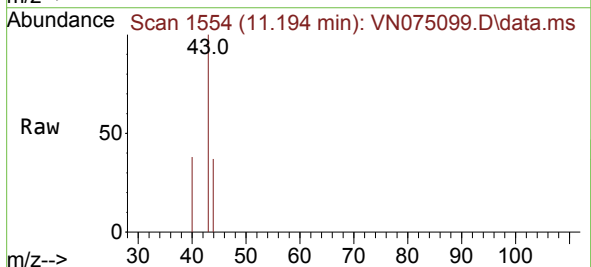
Instrument :
MSVOA_N
ClientSampleId :
VN1101MBL01

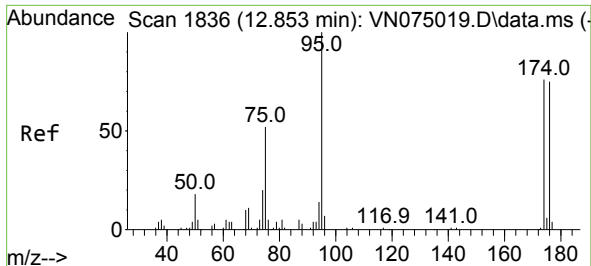
Tgt Ion: 98 Resp: 188635
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.6



#59
2-Hexanone
Concen: 0.543 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN075099.D
Acq: 01 Nov 2022 11:12

Tgt Ion: 43 Resp: 660
Ion Ratio Lower Upper
43 100
58 24.5 29.6 88.8#

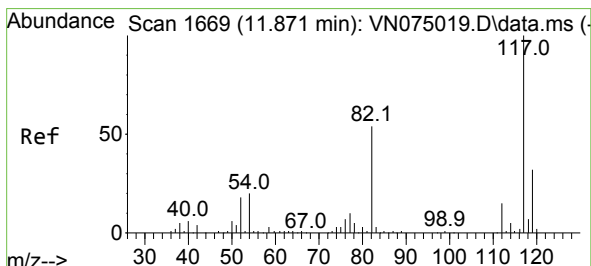
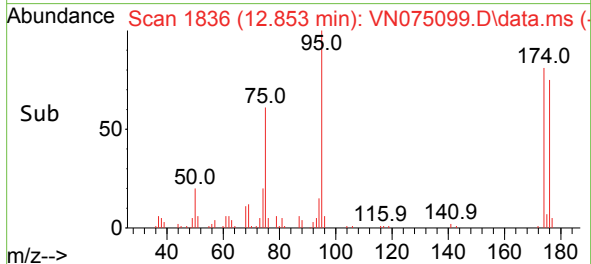
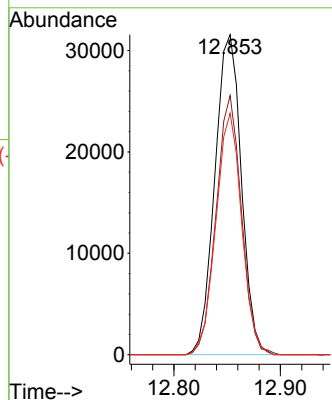
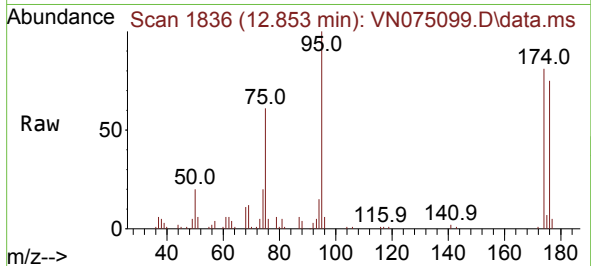




#62
4-Bromofluorobenzene
Concen: 42.445 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075099.D
Acq: 01 Nov 2022 11:12

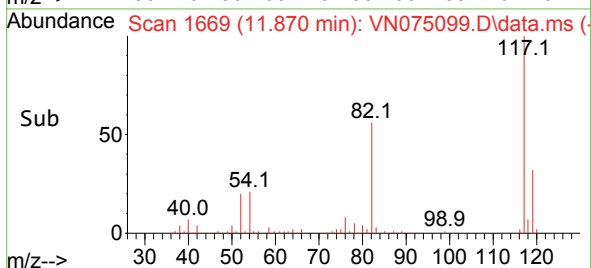
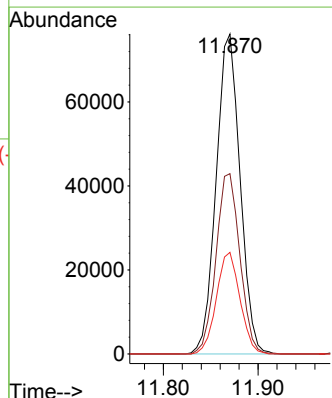
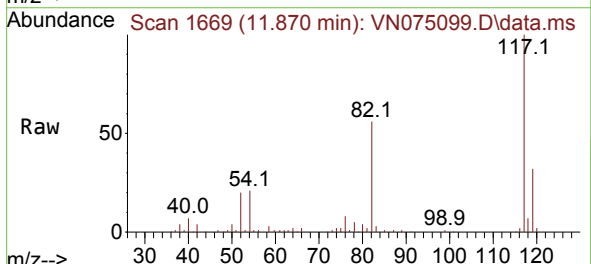
Instrument :
MSVOA_N
ClientSampleId :
VN1101MBL01

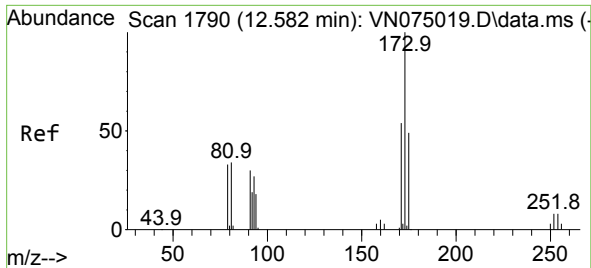
Tgt Ion: 95 Resp: 54491
Ion Ratio Lower Upper
95 100
174 77.3 0.0 147.4
176 73.5 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. -0.001 min
Lab File: VN075099.D
Acq: 01 Nov 2022 11:12

Tgt Ion: 117 Resp: 133830
Ion Ratio Lower Upper
117 100
82 56.3 43.1 64.7
119 31.8 25.5 38.3

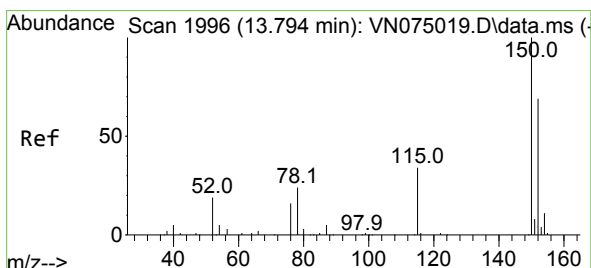
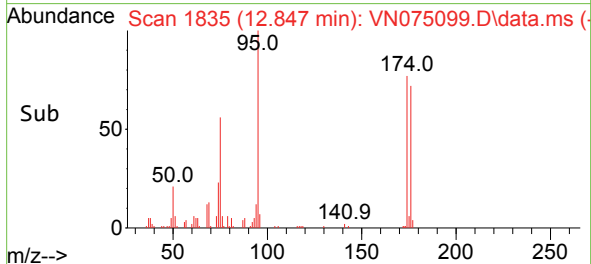
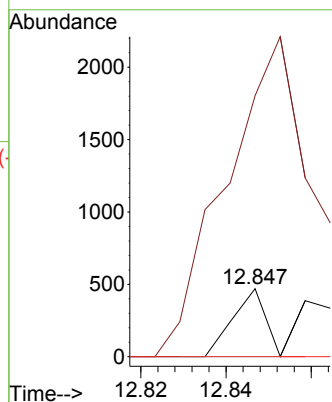
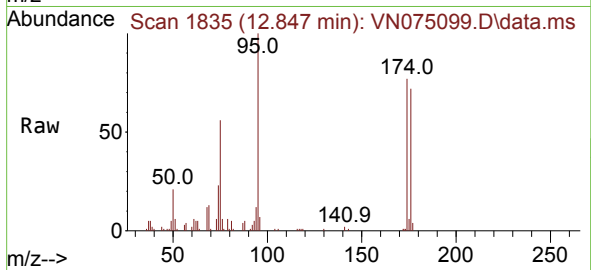




#71
Bromoform
Concen: 0.316 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN075099.D
Acq: 01 Nov 2022 11:12

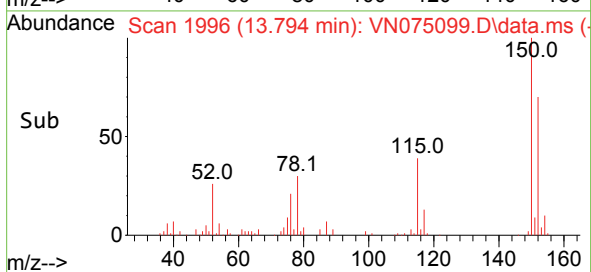
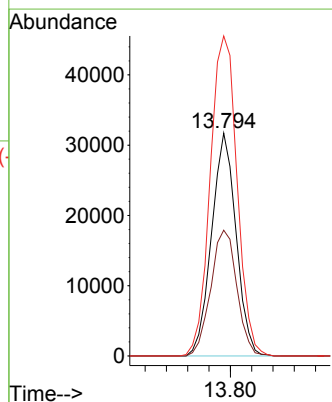
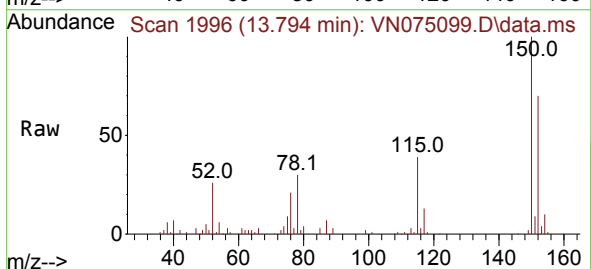
Instrument :
MSVOA_N
ClientSampleId :
VN1101MBL01

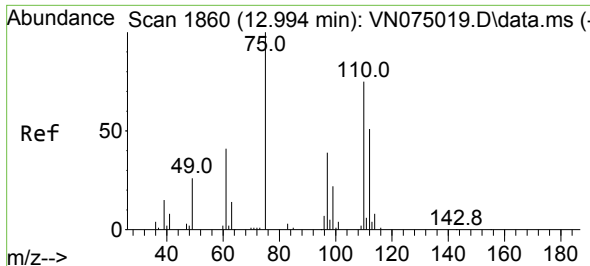
Tgt Ion:173 Resp: 251
Ion Ratio Lower Upper
173 100
175 1084.1 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075099.D
Acq: 01 Nov 2022 11:12

Tgt Ion:152 Resp: 50593
Ion Ratio Lower Upper
152 100
115 60.3 30.2 90.6
150 157.3 0.0 348.4

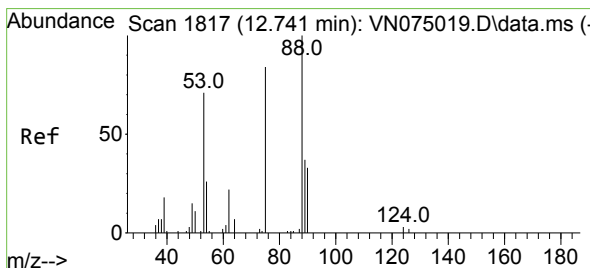
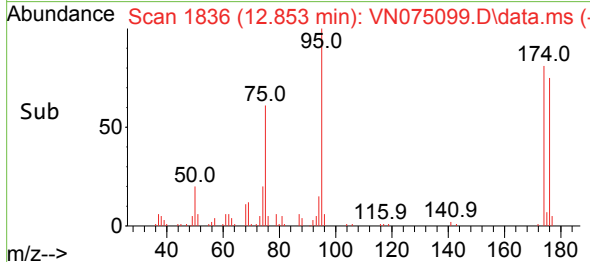
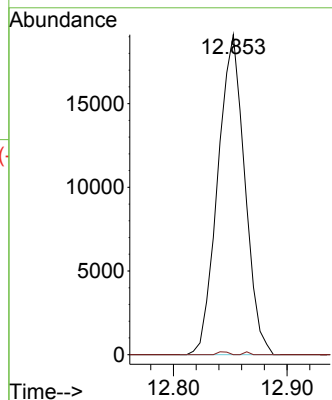
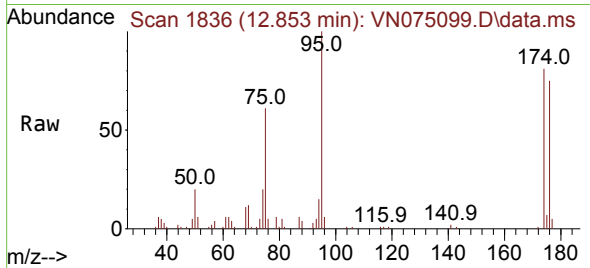




#76
1,2,3-Trichloropropane
Concen: 29.356 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075099.D
Acq: 01 Nov 2022 11:12

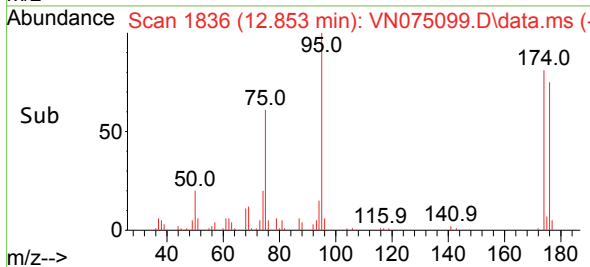
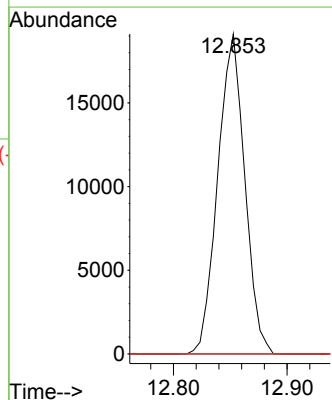
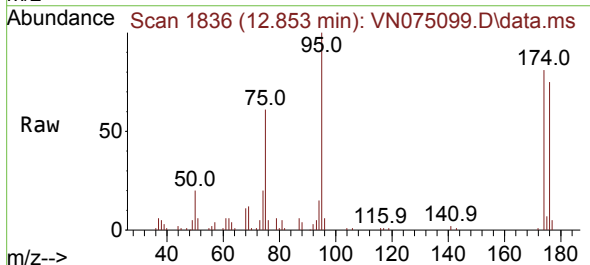
Instrument :
MSVOA_N
ClientSampleId :
VN1101MBL01

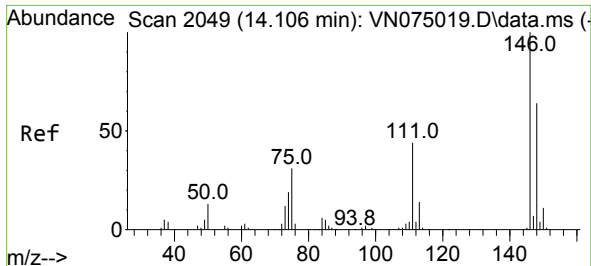
Tgt Ion: 75 Resp: 31535
Ion Ratio Lower Upper
75 100
77 0.2 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.357 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075099.D
Acq: 01 Nov 2022 11:12

Tgt Ion: 75 Resp: 31535
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

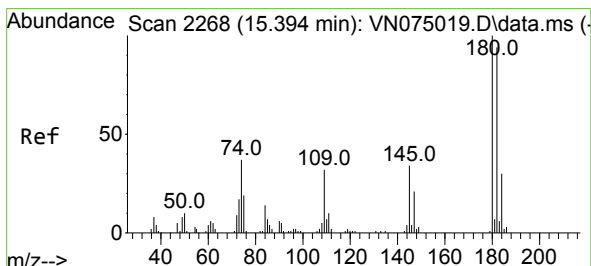
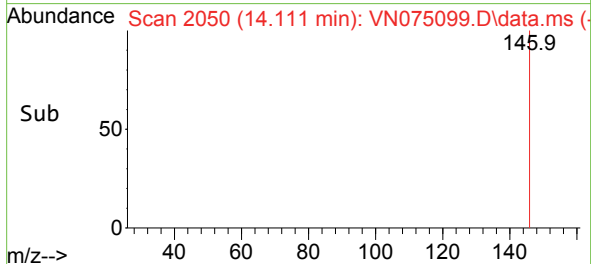
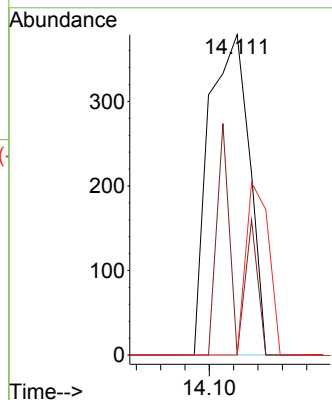
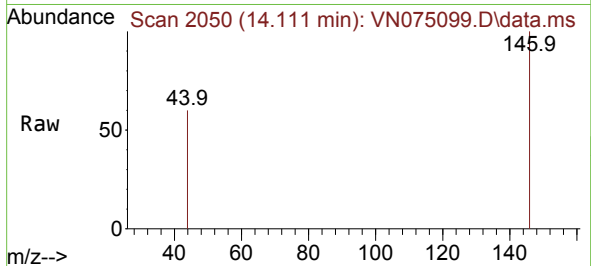




#91
1,2-Dichlorobenzene
Concen: 0.250 ug/l
RT: 14.111 min Scan# 2049
Delta R.T. 0.005 min
Lab File: VN075099.D
Acq: 01 Nov 2022 11:12

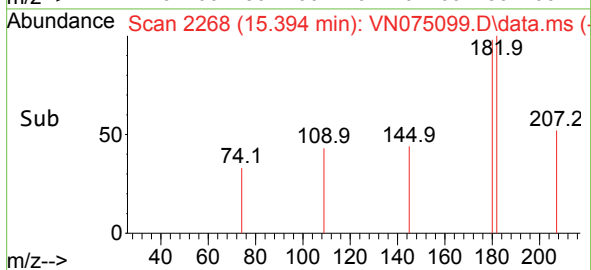
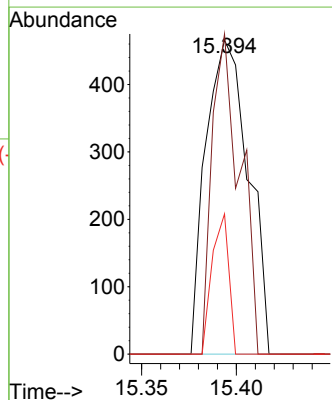
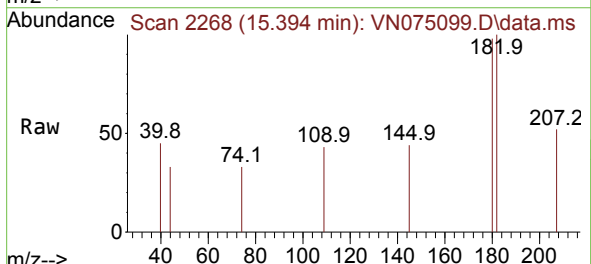
Instrument :
MSVOA_N
ClientSampleId :
VN1101MBL01

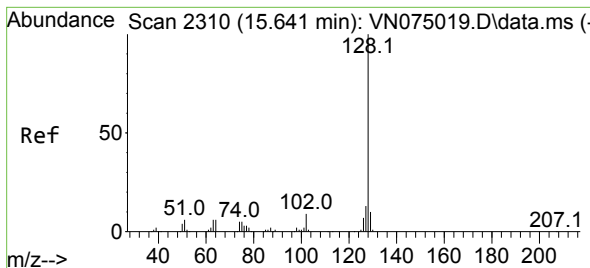
Tgt Ion:146 Resp: 436
Ion Ratio Lower Upper
146 100
111 35.1 21.3 63.9
148 30.5 31.4 94.2#



#93
1,2,4-Trichlorobenzene
Concen: 0.972 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. -0.000 min
Lab File: VN075099.D
Acq: 01 Nov 2022 11:12

Tgt Ion:180 Resp: 728
Ion Ratio Lower Upper
180 100
182 67.0 47.8 143.4
145 17.6 16.8 50.3





#95

Naphthalene

Concen: 1.472 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075099.D

Acq: 01 Nov 2022 11:12

Instrument :

MSVOA_N

ClientSampleId :

VN1101MBL01

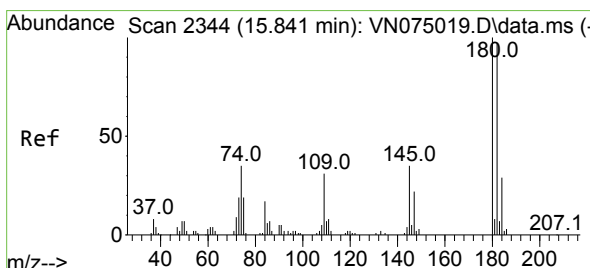
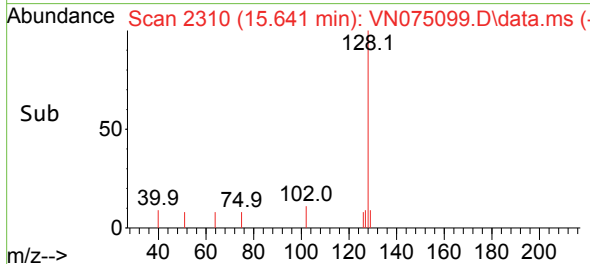
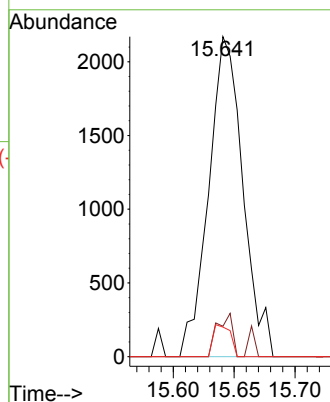
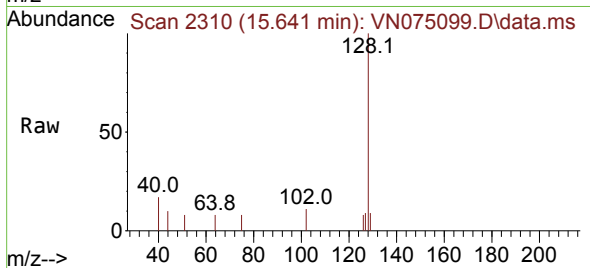
Tgt Ion:128 Resp: 4241

Ion Ratio Lower Upper

128 100

127 6.1 10.4 15.6#

129 5.0 8.6 12.8#



#96

1,2,3-Trichlorobenzene

Concen: 1.001 ug/l

RT: 15.847 min Scan# 2345

Delta R.T. 0.006 min

Lab File: VN075099.D

Acq: 01 Nov 2022 11:12

Tgt Ion:180 Resp: 745

Ion Ratio Lower Upper

180 100

182 109.5 47.3 141.8

145 16.6 17.6 52.9#

