

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062722\
 Data File : VN073150.D
 Acq On : 27 Jun 2022 10:10
 Operator : JC\MD
 Sample : VN0627MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627MBL01

Quant Time: Jun 27 17:47:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

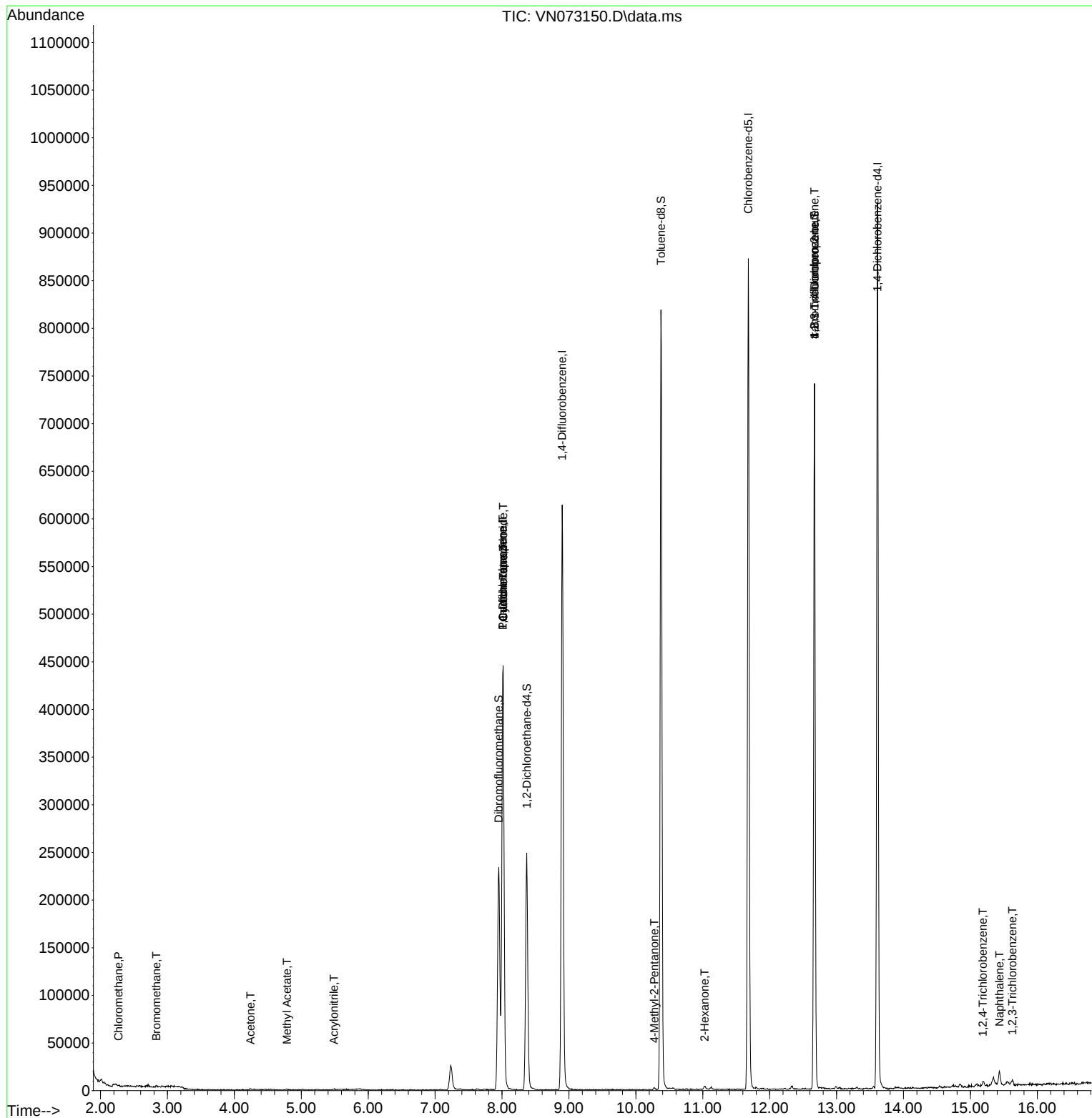
Internal Standards						
1) Pentafluorobenzene	8.010	168	344450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	551779	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	497890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	248957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	205289	44.083	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.160%		
35) Dibromofluoromethane	7.951	113	173956	51.006	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.020%		
50) Toluene-d8	10.375	98	570315	44.940	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.880%		
62) 4-Bromofluorobenzene	12.669	95	252029	55.229	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.460%		
Target Compounds						Qvalue
3) Chloromethane	2.269	50	946	0.835	ug/l #	43
5) Bromomethane	2.834	94	530	0.458	ug/l #	80
15) Acrylonitrile	5.487	53	772	0.278	ug/l #	77
16) Acetone	4.240	43	1710	0.668	ug/l #	85
18) Methyl Acetate	4.787	43	1383	0.203	ug/l #	56
20) Methylene Chloride	5.022	84	240	Below Cal	#	39
26) 2,2-Dichloropropane	7.240	77	1371	Below Cal	#	53
31) Cyclohexane	8.016	56	8026	1.274	ug/l #	34
36) 1,1-Dichloropropene	8.010	75	28145	6.099	ug/l #	48
38) Carbon Tetrachloride	8.016	117	34744	7.158	ug/l #	17
51) 4-Methyl-2-Pentanone	10.275	43	1585	0.230	ug/l	95
59) 2-Hexanone	11.028	43	3633	0.683	ug/l	90
76) 1,2,3-Trichloropropane	12.669	75	129823	21.508	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	129823	58.086	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.186	180	2213	0.465	ug/l	87
95) Naphthalene	15.433	128	13928	0.724	ug/l	96
96) 1,2,3-Trichlorobenzene	15.627	180	2591	0.510	ug/l	95

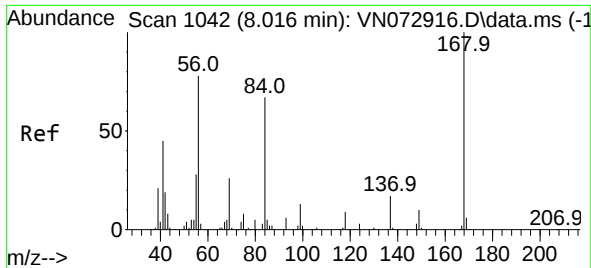
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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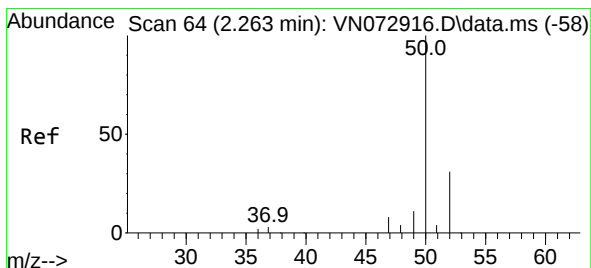
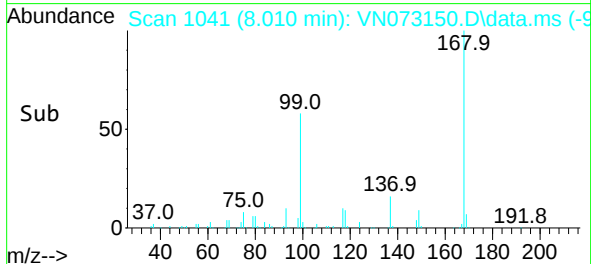
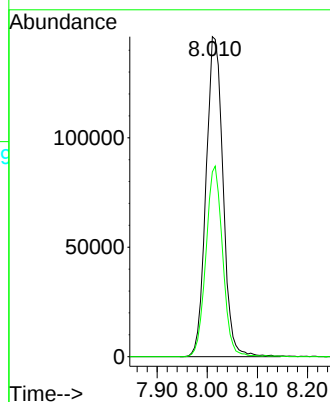
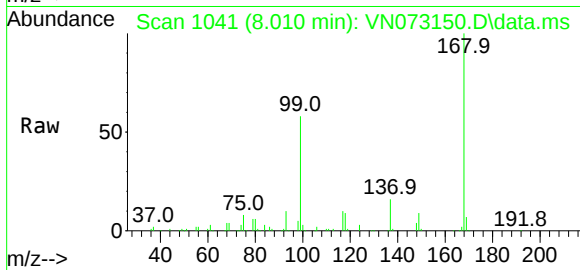




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN073150.D
Acq: 27 Jun 2022 10:10

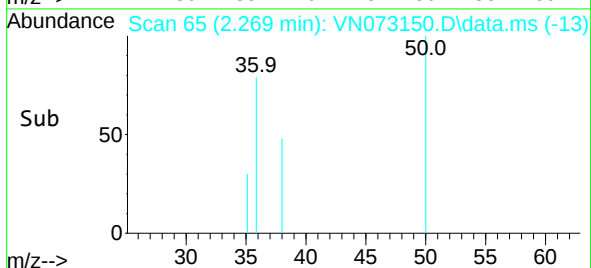
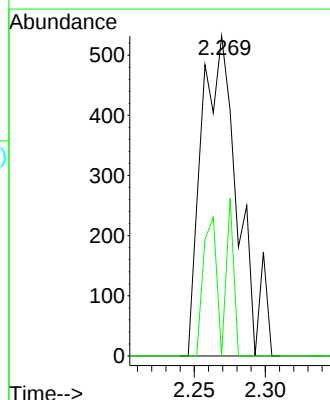
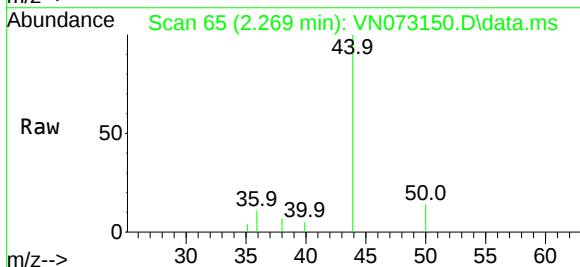
Instrument :
MSVOA_N
ClientSampleId :
VN0627MBL01

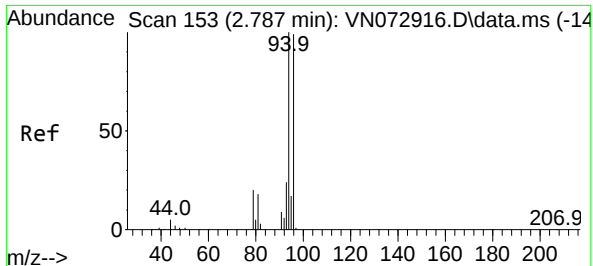
Tgt Ion:168 Resp: 344450
Ion Ratio Lower Upper
168 100
99 57.8 42.3 63.5



#3
Chloromethane
Concen: 0.835 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN073150.D
Acq: 27 Jun 2022 10:10

Tgt Ion: 50 Resp: 946
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

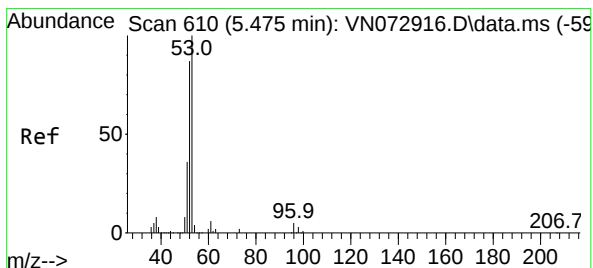
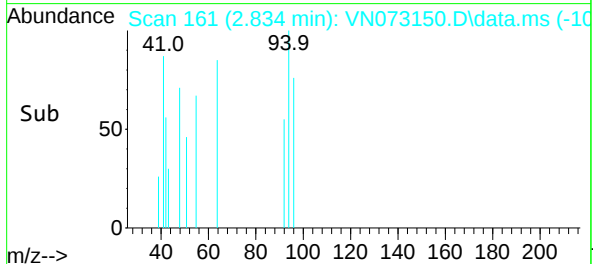
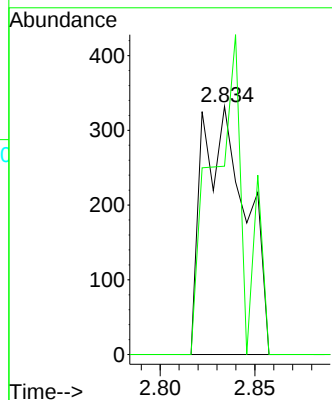
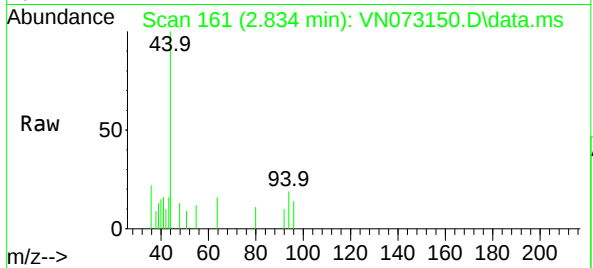




#5
Bromomethane
Concen: 0.458 ug/l
RT: 2.834 min Scan# 11
Delta R.T. 0.047 min
Lab File: VN073150.D
Acq: 27 Jun 2022 10:10

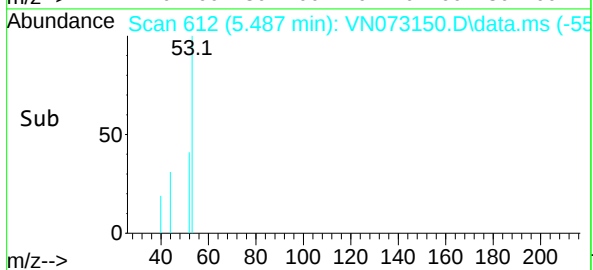
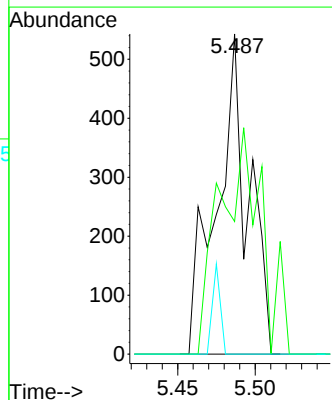
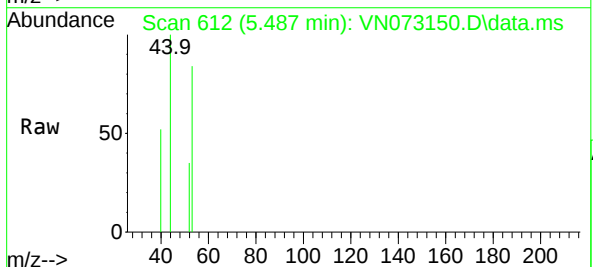
Instrument :
MSVOA_N
ClientSampleId :
VN0627MBL01

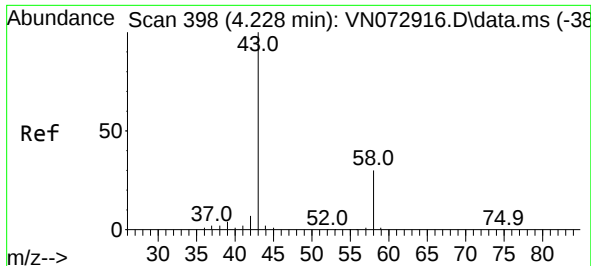
Tgt Ion: 94 Resp: 530
Ion Ratio Lower Upper
94 100
96 75.9 76.0 114.0#



#15
Acrylonitrile
Concen: 0.278 ug/l
RT: 5.487 min Scan# 612
Delta R.T. 0.012 min
Lab File: VN073150.D
Acq: 27 Jun 2022 10:10

Tgt Ion: 53 Resp: 772
Ion Ratio Lower Upper
53 100
52 93.7 66.4 99.6
51 7.0 28.5 42.7#





#16

Acetone

Concen: 0.668 ug/l

RT: 4.240 min Scan# 400

Delta R.T. 0.012 min

Lab File: VN073150.D

Acq: 27 Jun 2022 10:10

Instrument :

MSVOA_N

ClientSampleId :

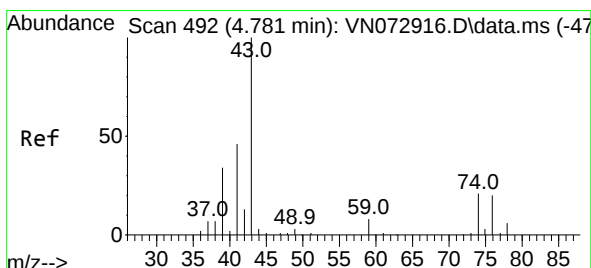
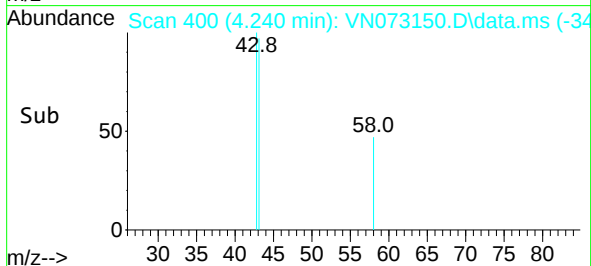
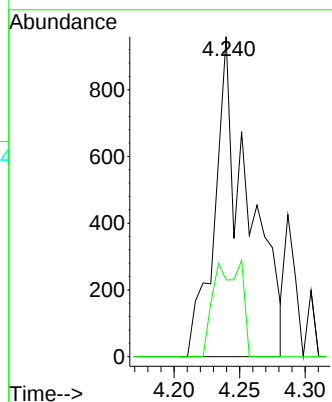
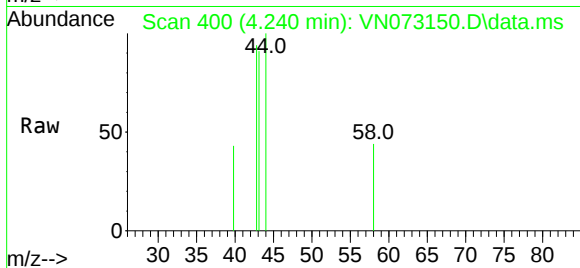
VN0627MBL01

Tgt Ion: 43 Resp: 1710

Ion Ratio Lower Upper

43 100

58 24.0 26.0 39.0#



#18

Methyl Acetate

Concen: 0.203 ug/l

RT: 4.787 min Scan# 493

Delta R.T. 0.006 min

Lab File: VN073150.D

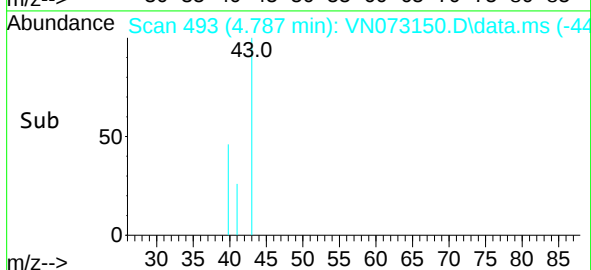
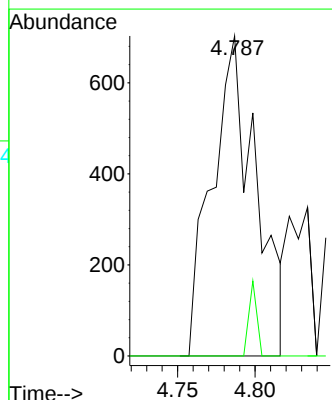
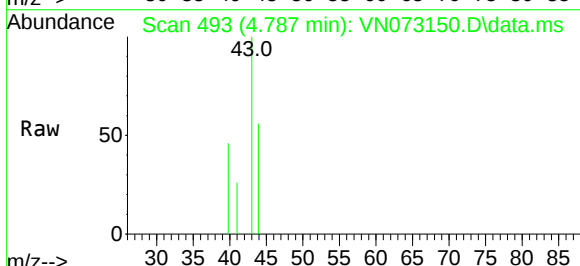
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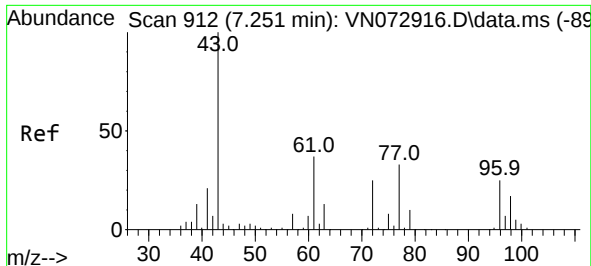
Tgt Ion: 43 Resp: 1383

Ion Ratio Lower Upper

43 100

74 4.2 21.6 32.4#

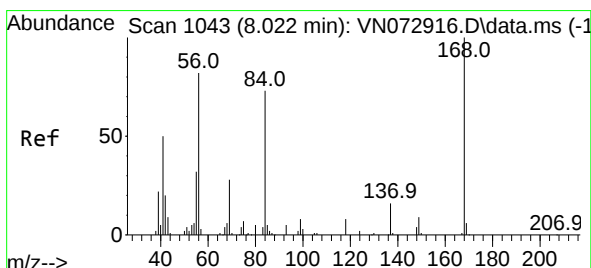
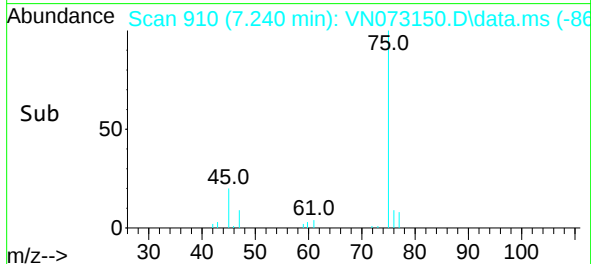
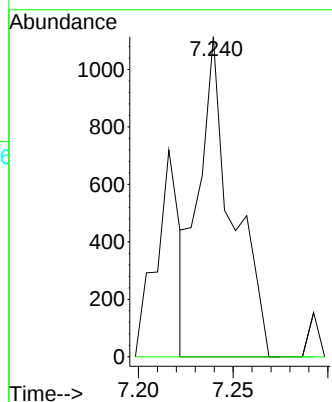
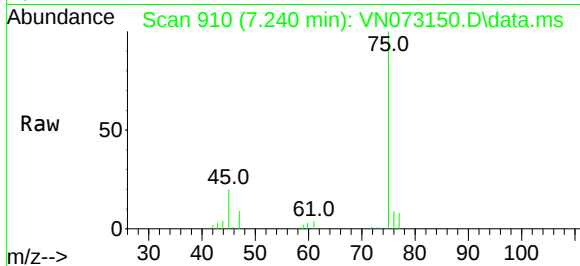




#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.240 min Scan# 91
Delta R.T. -0.011 min
Lab File: VN073150.D
Acq: 27 Jun 2022 10:10

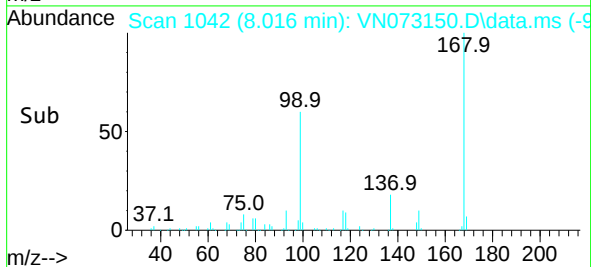
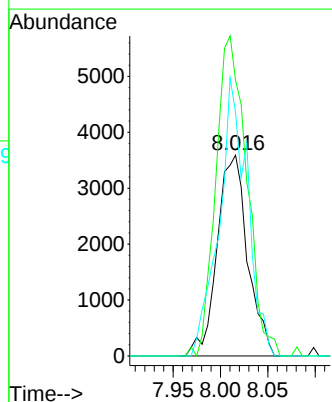
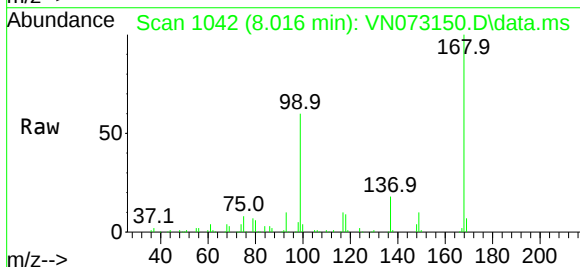
Instrument :
MSVOA_N
ClientSampleId :
VN0627MBL01

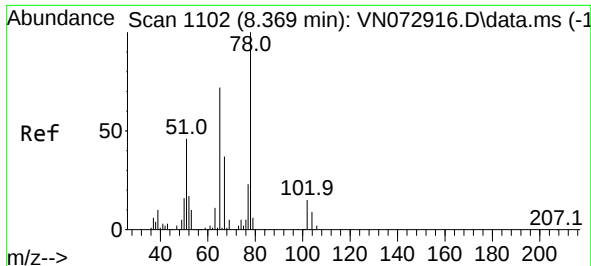
Tgt Ion: 77 Resp: 1371
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#



#31
Cyclohexane
Concen: 1.274 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073150.D
Acq: 27 Jun 2022 10:10

Tgt Ion: 56 Resp: 8026
Ion Ratio Lower Upper
56 100
69 137.2 27.8 41.8#
84 121.1 76.9 115.3#

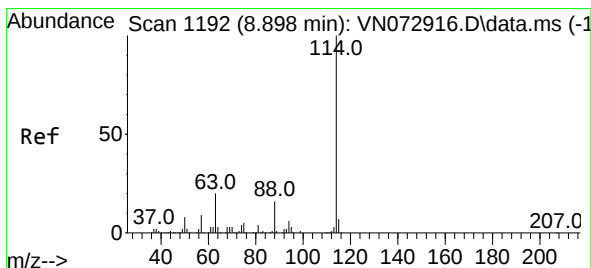
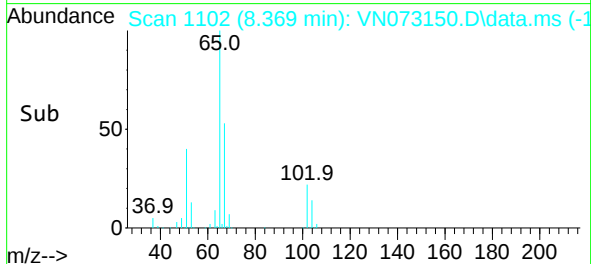
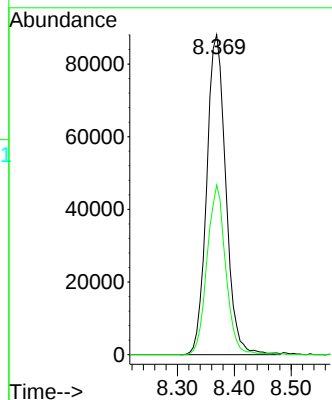
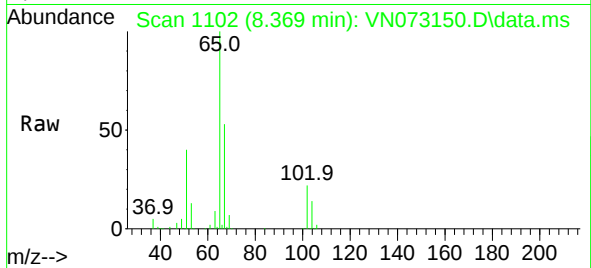




#33
 1,2-Dichloroethane-d4
 Concen: 44.083 ug/l
 RT: 8.369 min Scan# 1102
 Delta R.T. 0.000 min
 Lab File: VN073150.D
 Acq: 27 Jun 2022 10:10

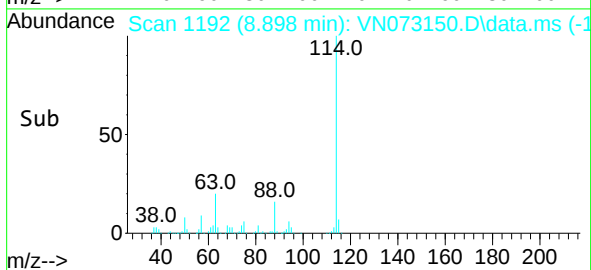
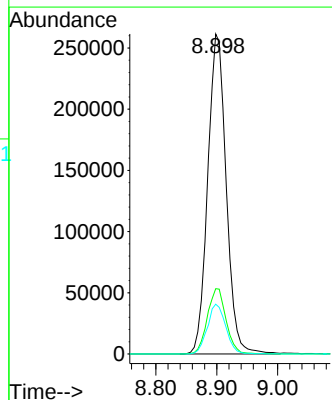
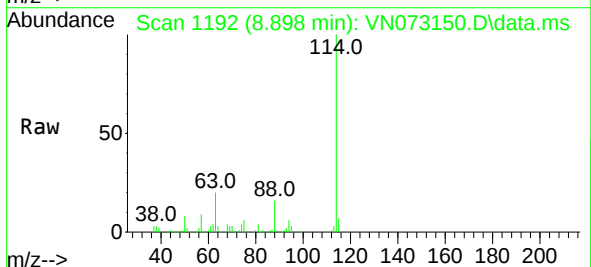
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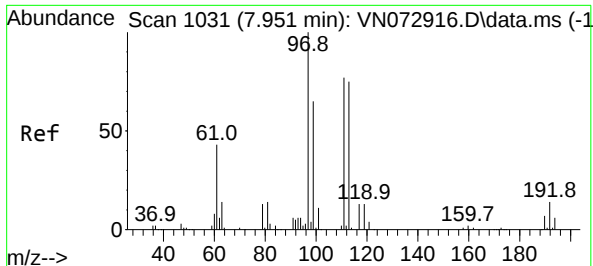
Tgt Ion: 65 Resp: 205289
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.898 min Scan# 1192
 Delta R.T. 0.000 min
 Lab File: VN073150.D
 Acq: 27 Jun 2022 10:10

Tgt Ion: 114 Resp: 551779
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.0
 88 15.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.006 ug/l

RT: 7.951 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VN073150.D

Acq: 27 Jun 2022 10:10

Instrument :

MSVOA_N

ClientSampleId :

VN0627MBL01

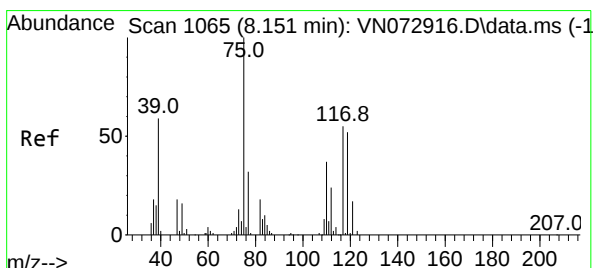
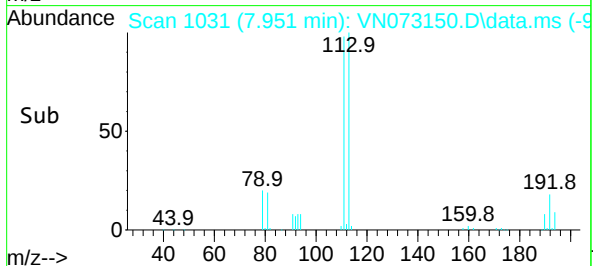
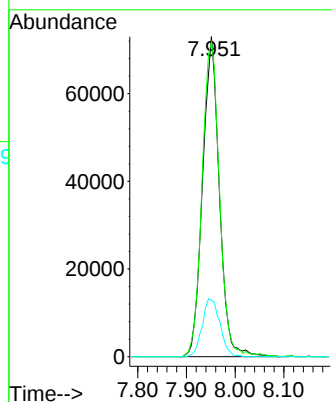
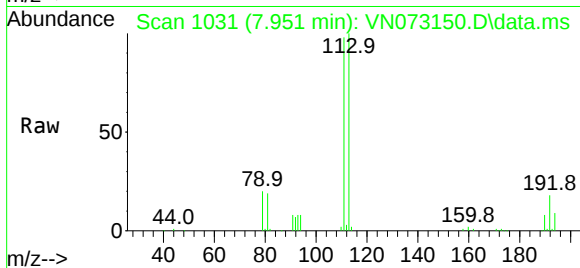
Tgt Ion:113 Resp: 173956

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

192 19.2 17.0 25.6



#36

1,1-Dichloropropene

Concen: 6.099 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.141 min

Lab File: VN073150.D

Acq: 27 Jun 2022 10:10

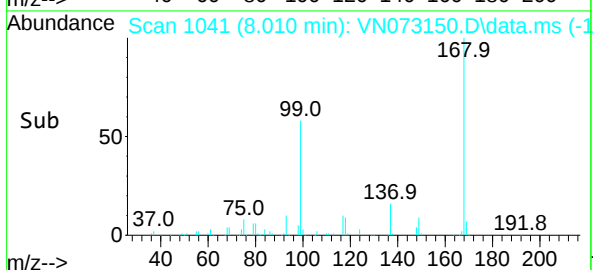
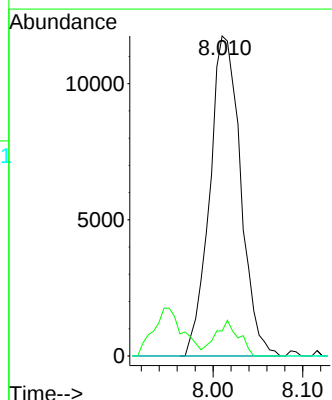
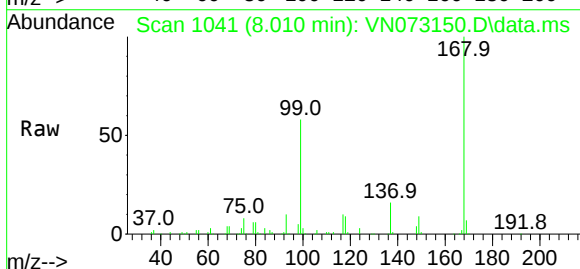
Tgt Ion: 75 Resp: 28145

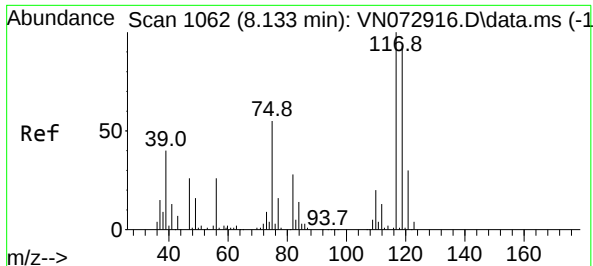
Ion Ratio Lower Upper

75 100

110 8.4 18.3 54.8#

77 0.0 25.1 37.7#

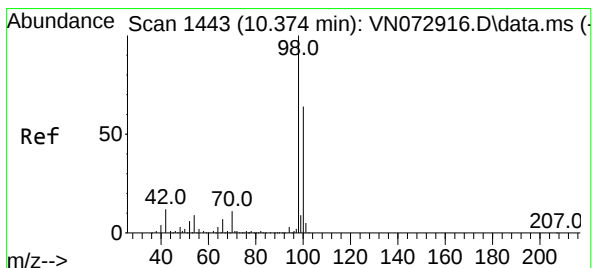
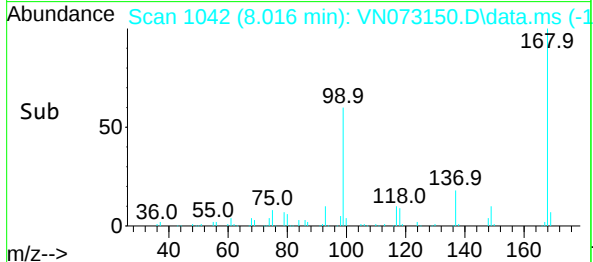
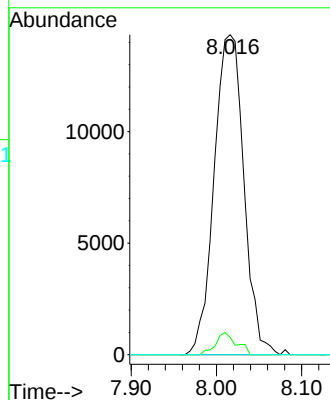
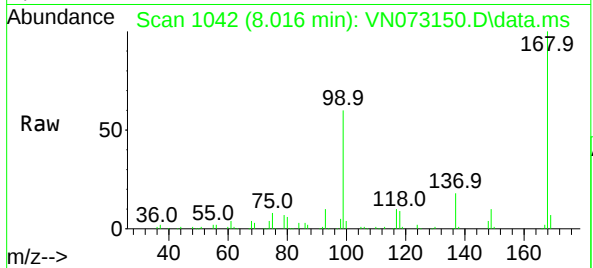




#38
Carbon Tetrachloride
Concen: 7.158 ug/l
RT: 8.016 min Scan# 1062
Delta R.T. -0.117 min
Lab File: VN073150.D
Acq: 27 Jun 2022 10:10

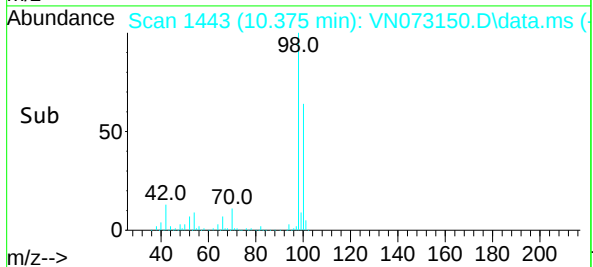
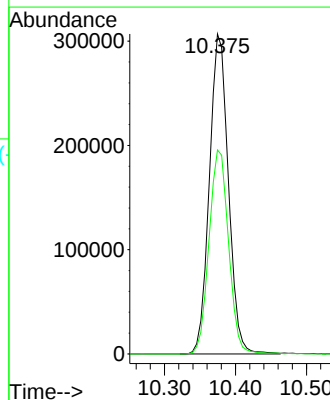
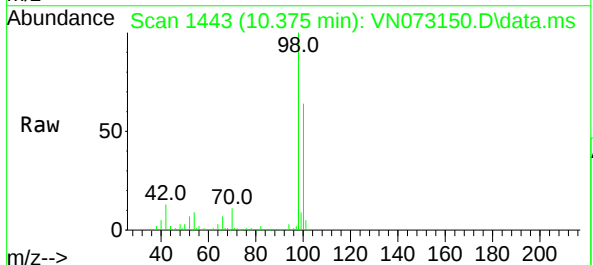
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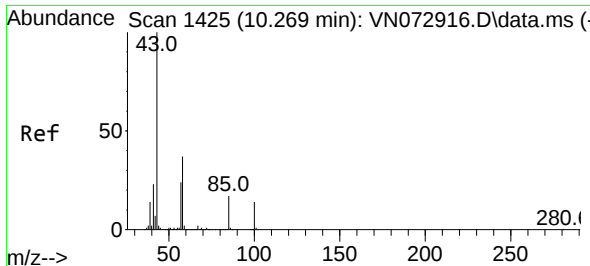
Tgt Ion:117 Resp: 34744
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 44.940 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073150.D
Acq: 27 Jun 2022 10:10

Tgt Ion: 98 Resp: 570315
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8

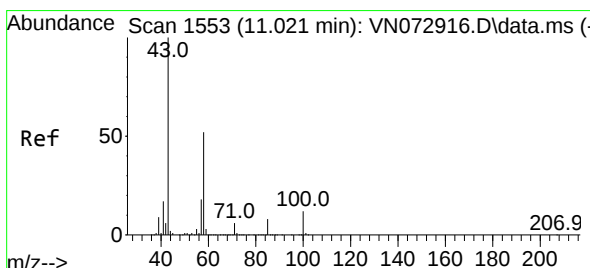
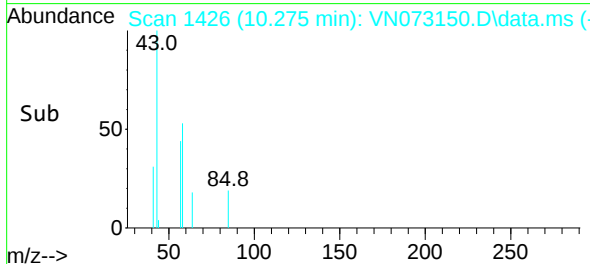
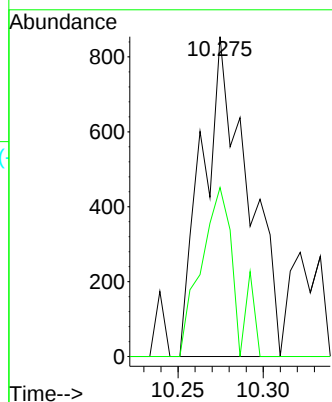
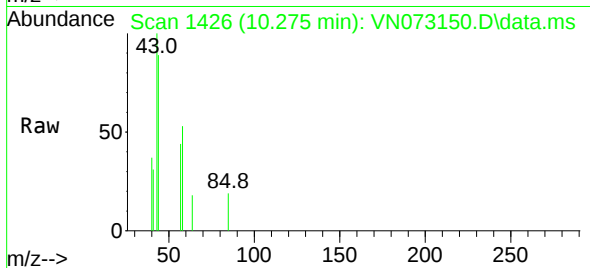




#51
4-Methyl-2-Pentanone
Concen: 0.230 ug/l
RT: 10.275 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VN073150.D
Acq: 27 Jun 2022 10:10

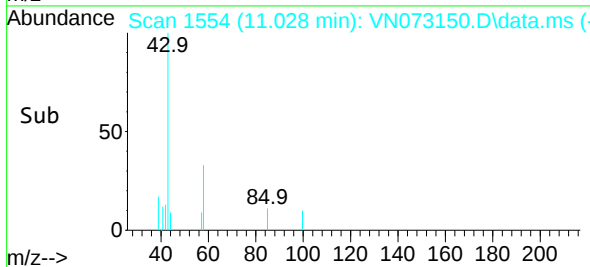
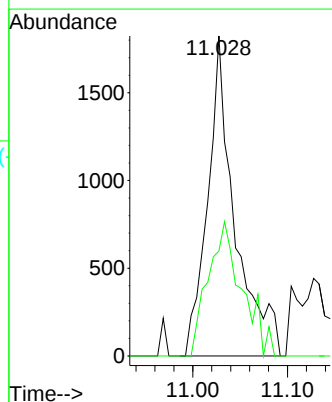
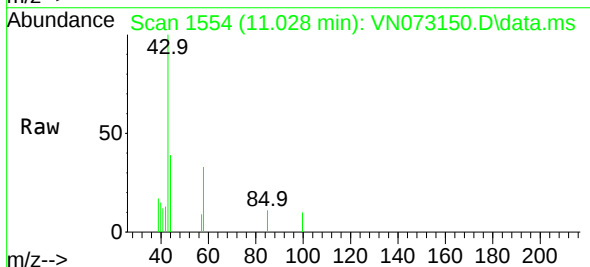
Instrument :
MSVOA_N
ClientSampleId :
VN0627MBL01

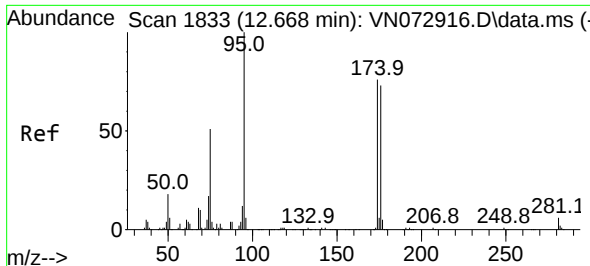
Tgt Ion: 43 Resp: 1585
Ion Ratio Lower Upper
43 100
58 39.4 34.1 51.1



#59
2-Hexanone
Concen: 0.683 ug/l
RT: 11.028 min Scan# 1554
Delta R.T. 0.006 min
Lab File: VN073150.D
Acq: 27 Jun 2022 10:10

Tgt Ion: 43 Resp: 3633
Ion Ratio Lower Upper
43 100
58 52.1 29.7 89.1

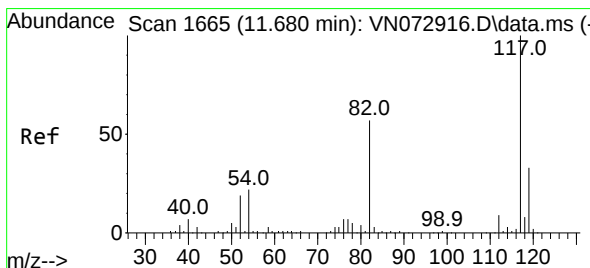
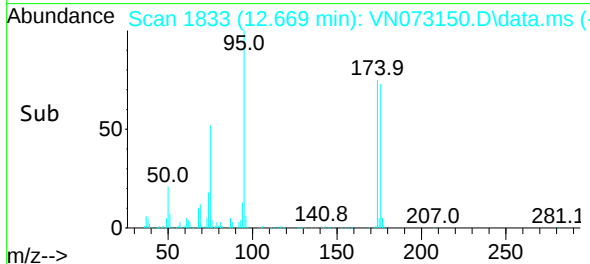
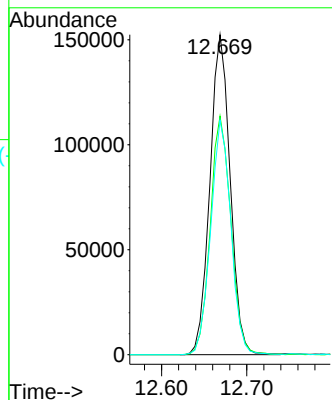
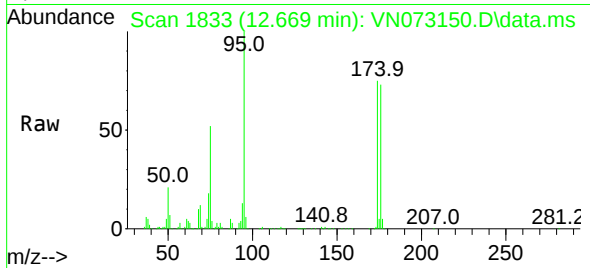




#62
4-Bromofluorobenzene
Concen: 55.229 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073150.D
Acq: 27 Jun 2022 10:10

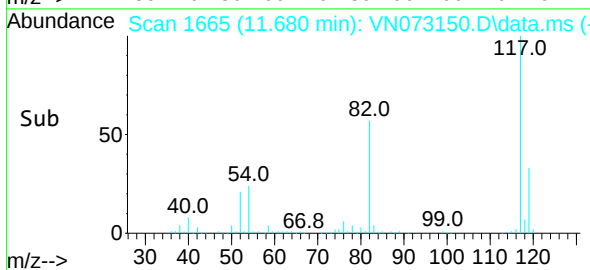
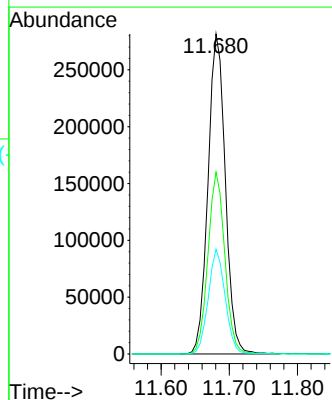
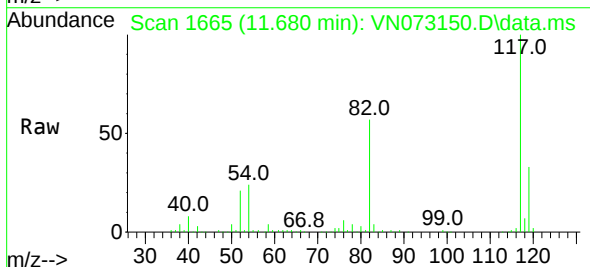
Instrument :
MSVOA_N
ClientSampleId :
VN0627MBL01

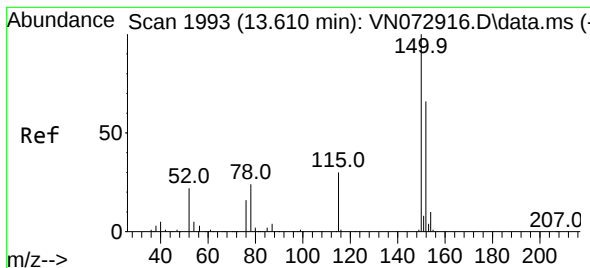
Tgt Ion: 95 Resp: 252029
Ion Ratio Lower Upper
95 100
174 75.8 0.0 167.6
176 72.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073150.D
Acq: 27 Jun 2022 10:10

Tgt Ion: 117 Resp: 497890
Ion Ratio Lower Upper
117 100
82 56.8 44.2 66.2
119 32.7 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VN073150.D

Acq: 27 Jun 2022 10:10

Instrument :

MSVOA_N

ClientSampleId :

VN0627MBL01

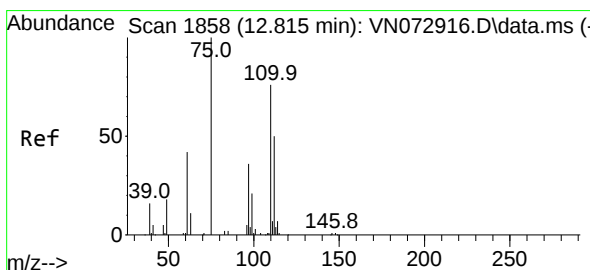
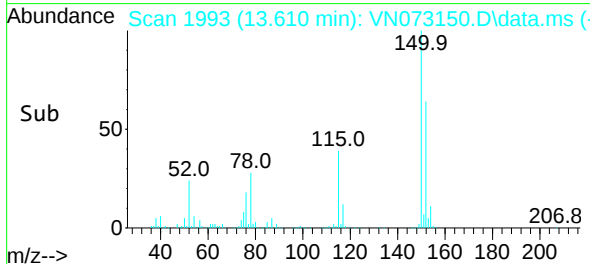
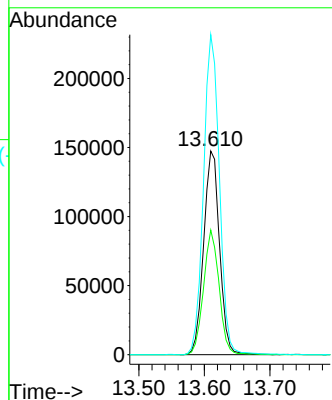
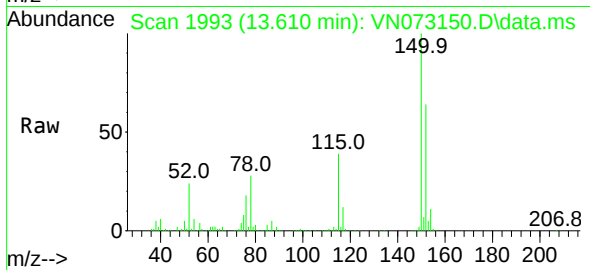
Tgt Ion:152 Resp: 248957

Ion Ratio Lower Upper

152 100

115 59.9 28.9 86.7

150 157.2 0.0 356.2



#76

1,2,3-Trichloropropane

Concen: 21.508 ug/l

RT: 12.669 min Scan# 1833

Delta R.T. -0.147 min

Lab File: VN073150.D

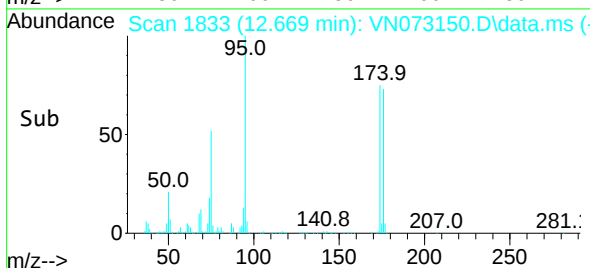
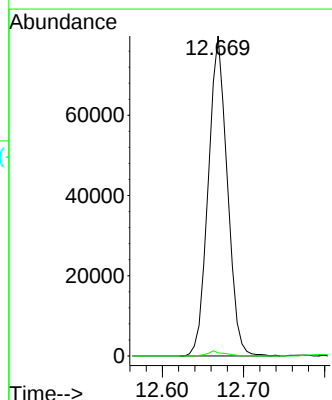
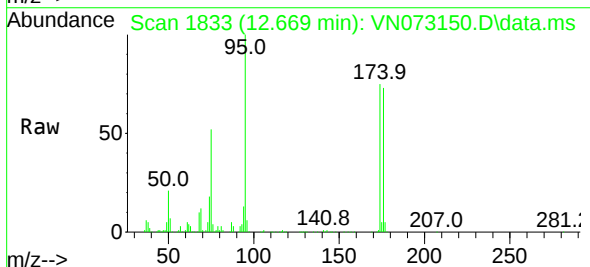
Acq: 27 Jun 2022 10:10

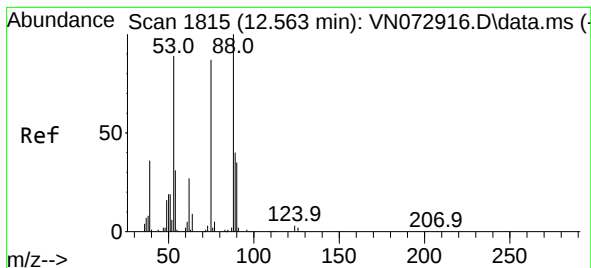
Tgt Ion: 75 Resp: 129823

Ion Ratio Lower Upper

75 100

77 1.4 98.5 295.5#

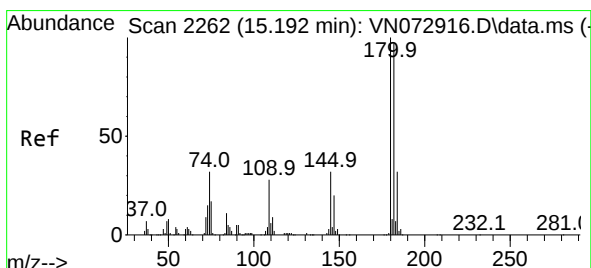
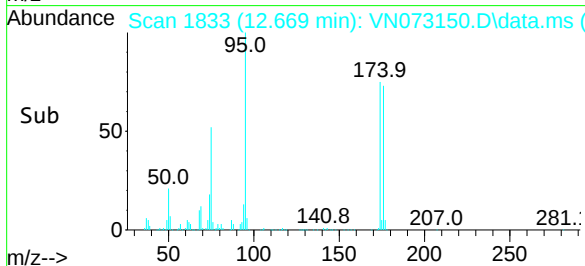
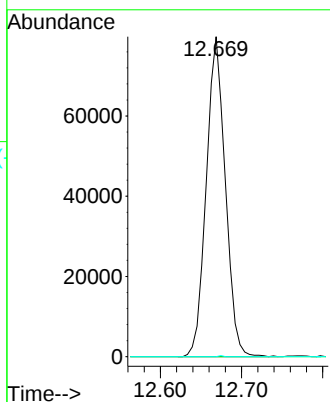
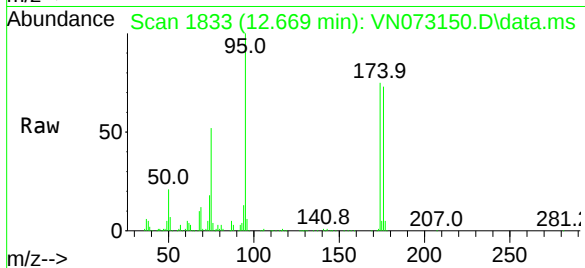




#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.086 ug/l
 RT: 12.669 min Scan# 1815
 Delta R.T. 0.106 min
 Lab File: VN073150.D
 Acq: 27 Jun 2022 10:10

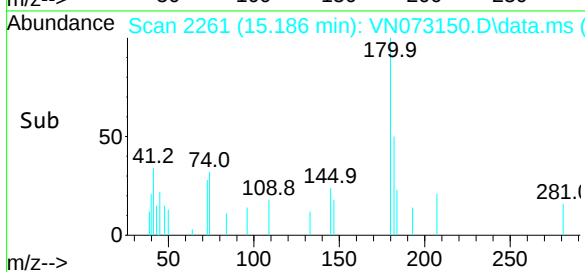
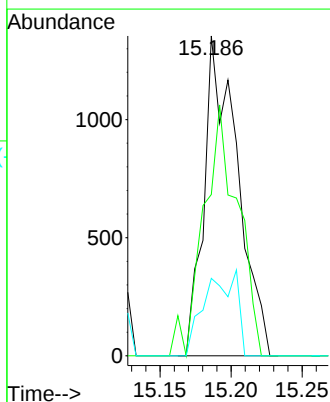
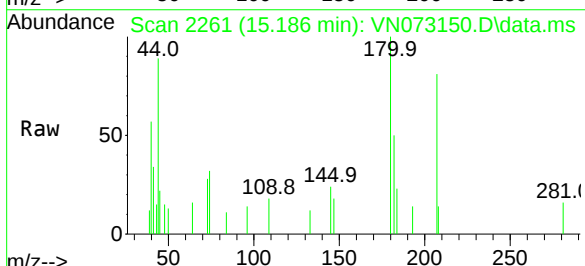
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627MBL01

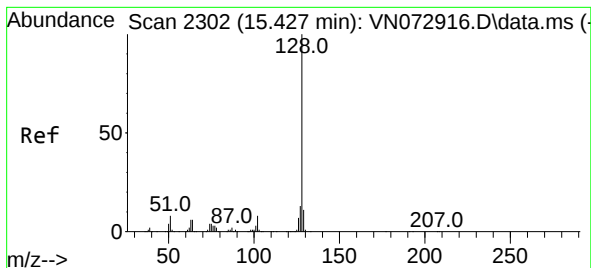
Tgt Ion: 75 Resp: 129823
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.1 37.2 55.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.465 ug/l
 RT: 15.186 min Scan# 2261
 Delta R.T. -0.006 min
 Lab File: VN073150.D
 Acq: 27 Jun 2022 10:10

Tgt Ion:180 Resp: 2213
 Ion Ratio Lower Upper
 180 100
 182 80.3 47.5 142.5
 145 25.5 14.5 43.5





#95

Naphthalene

Concen: 0.724 ug/l

RT: 15.433 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073150.D

Acq: 27 Jun 2022 10:10

Instrument :

MSVOA_N

ClientSampleId :

VN0627MBL01

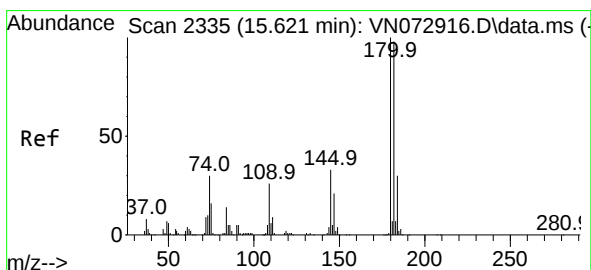
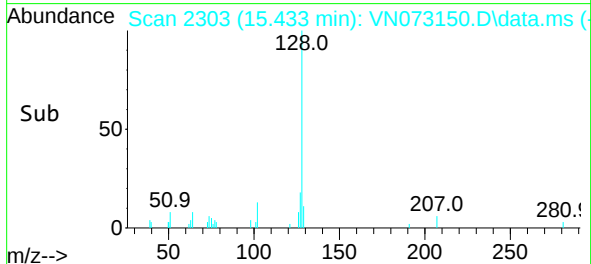
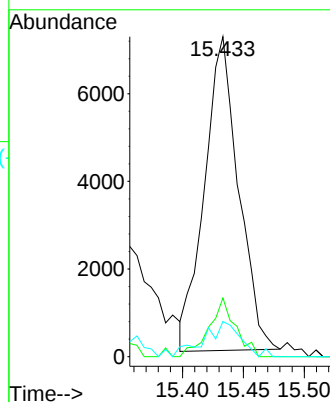
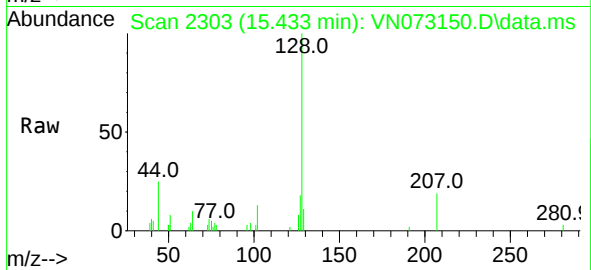
Tgt Ion:128 Resp: 13928

Ion Ratio Lower Upper

128 100

127 14.5 10.3 15.5

129 12.4 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 0.510 ug/l

RT: 15.627 min Scan# 2336

Delta R.T. 0.006 min

Lab File: VN073150.D

Acq: 27 Jun 2022 10:10

Tgt Ion:180 Resp: 2591

Ion Ratio Lower Upper

180 100

182 98.6 47.8 143.3

145 24.9 15.5 46.5

