

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071822\
 Data File : VN073491.D
 Acq On : 18 Jul 2022 11:48
 Operator : JC\MD
 Sample : VN0718WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBL01

Quant Time: Jul 18 15:29:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

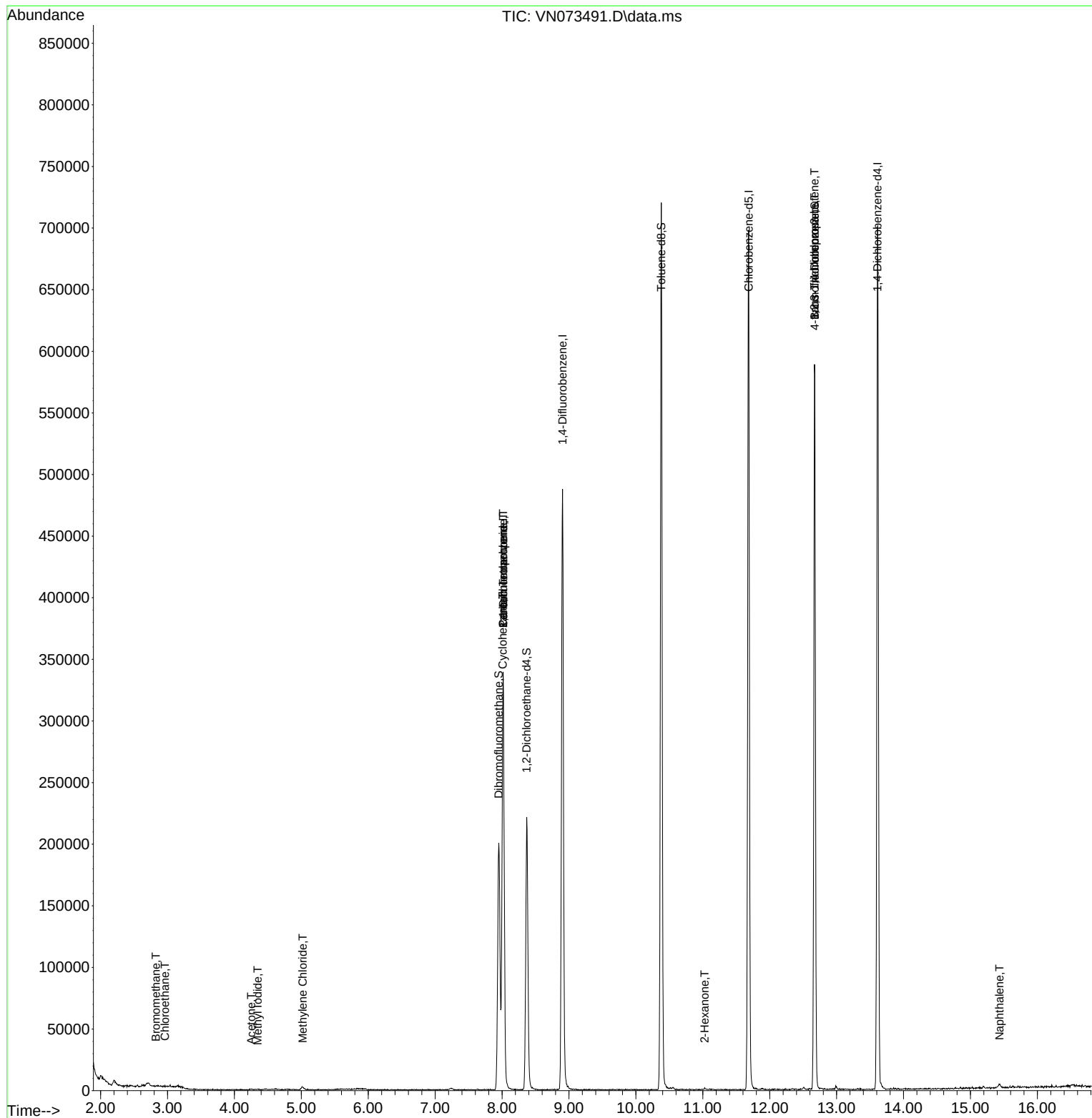
Internal Standards						
1) Pentafluorobenzene	8.016	168	245981	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	424658	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	396989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	189149	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	182972	51.527	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.060%	
35) Dibromofluoromethane	7.951	113	151915	53.769	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.540%	
50) Toluene-d8	10.380	98	483982	48.232	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.460%	
62) 4-Bromofluorobenzene	12.674	95	203066	52.659	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.320%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.828	94	341	0.243	ug/l	96
6) Chloroethane	2.963	64	579	0.332	ug/l #	42
10) Methyl Iodide	4.346	142	59	3.750	ug/l #	44
16) Acetone	4.251	43	984	0.494	ug/l #	42
20) Methylene Chloride	5.022	84	1525	0.435	ug/l #	74
31) Cyclohexane	8.010	56	6063	1.043	ug/l #	32
36) 1,1-Dichloropropene	8.016	75	22065	5.076	ug/l #	49
38) Carbon Tetrachloride	8.016	117	25446	5.660	ug/l #	18
59) 2-Hexanone	11.027	43	1115	0.244	ug/l	66
76) 1,2,3-Trichloropropane	12.669	75	107535	21.742	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	107535	59.628	ug/l #	10
95) Naphthalene	15.433	128	3650	0.250	ug/l #	82

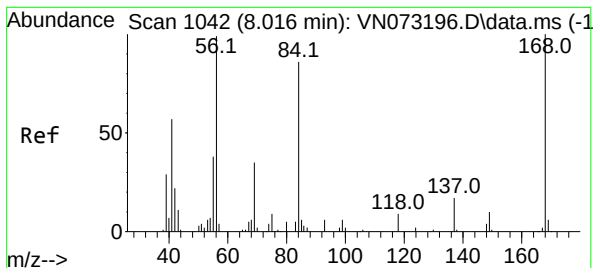
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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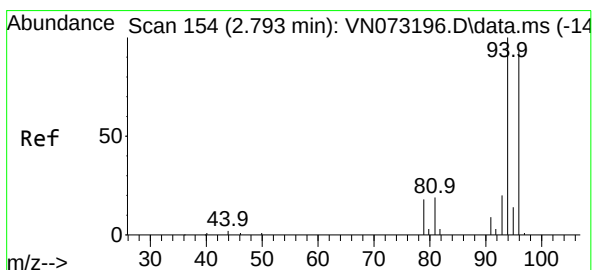
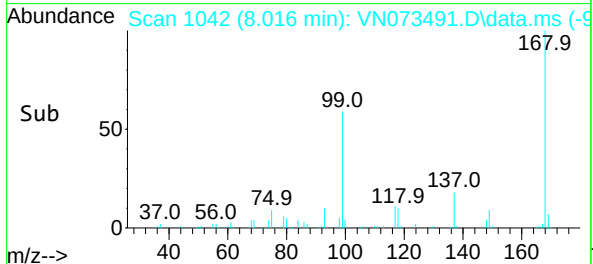
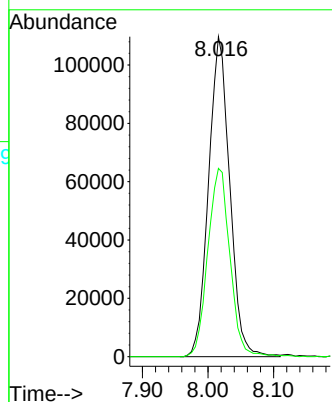
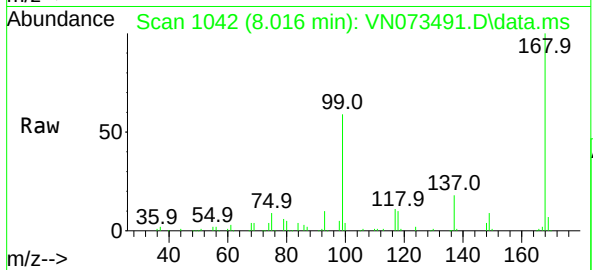




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073491.D
Acq: 18 Jul 2022 11:48

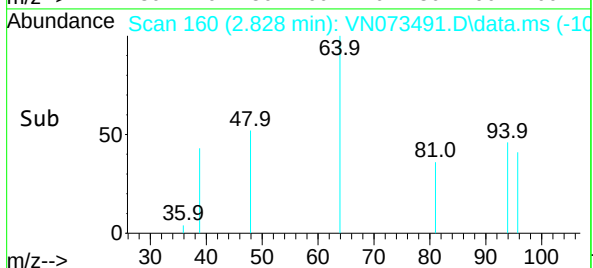
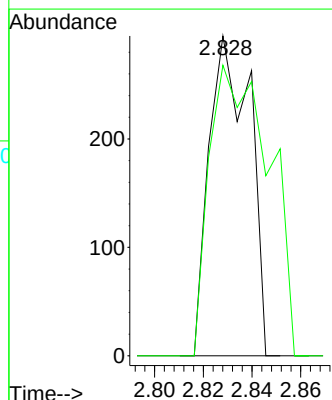
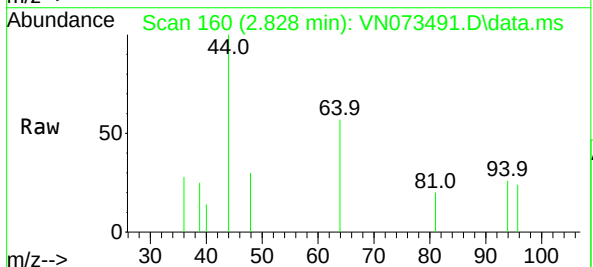
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBL01

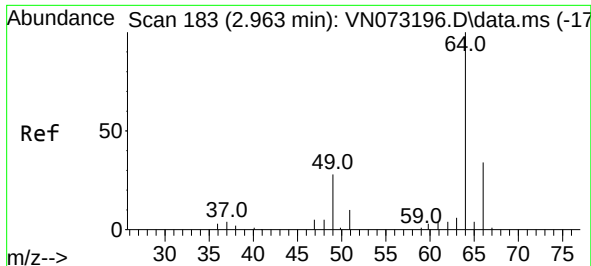
Tgt Ion:168 Resp: 245981
Ion Ratio Lower Upper
168 100
99 58.9 42.3 63.5



#5
Bromomethane
Concen: 0.243 ug/l
RT: 2.828 min Scan# 160
Delta R.T. 0.035 min
Lab File: VN073491.D
Acq: 18 Jul 2022 11:48

Tgt Ion: 94 Resp: 341
Ion Ratio Lower Upper
94 100
96 90.8 76.0 114.0

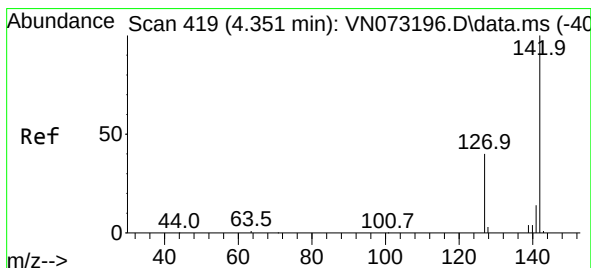
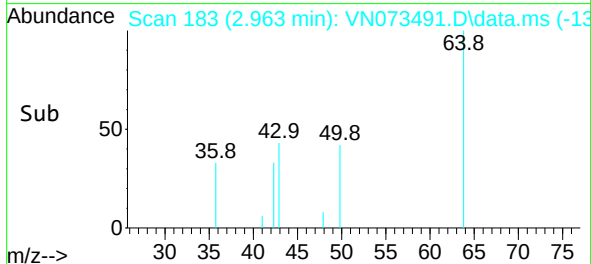
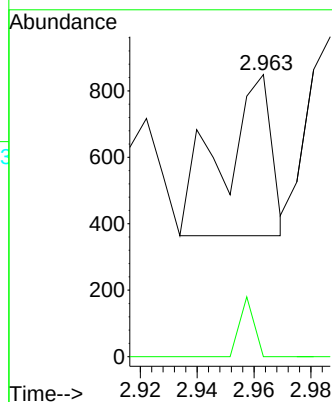
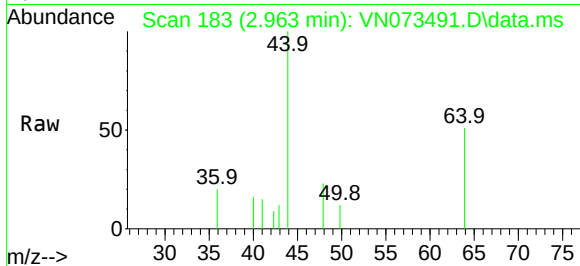




#6
Chloroethane
Concen: 0.332 ug/l
RT: 2.963 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073491.D
Acq: 18 Jul 2022 11:48

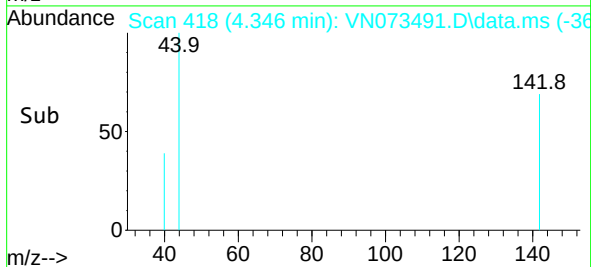
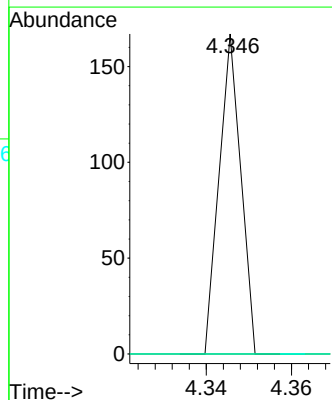
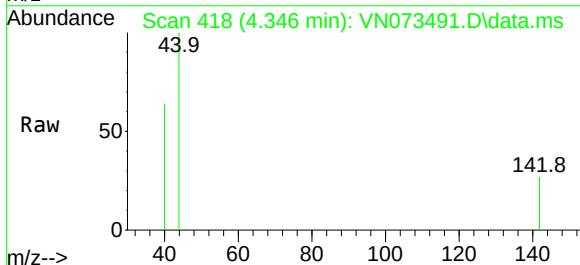
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBL01

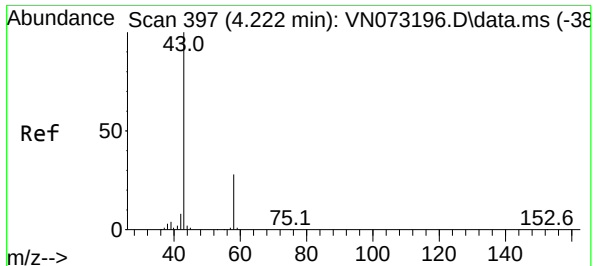
Tgt Ion: 64 Resp: 579
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#10
Methyl Iodide
Concen: 3.750 ug/l
RT: 4.346 min Scan# 418
Delta R.T. -0.005 min
Lab File: VN073491.D
Acq: 18 Jul 2022 11:48

Tgt Ion: 142 Resp: 59
Ion Ratio Lower Upper
142 100
127 0.0 31.3 46.9#
141 0.0 11.2 16.8#

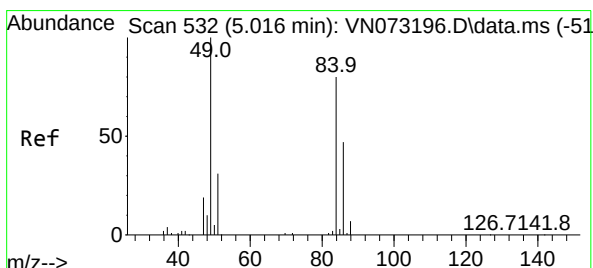
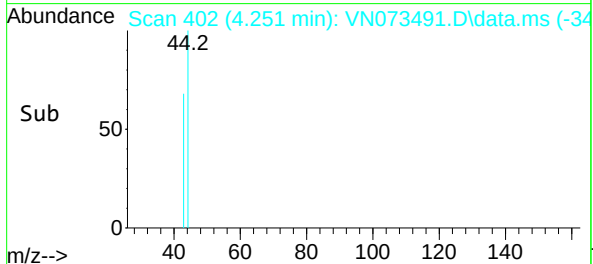
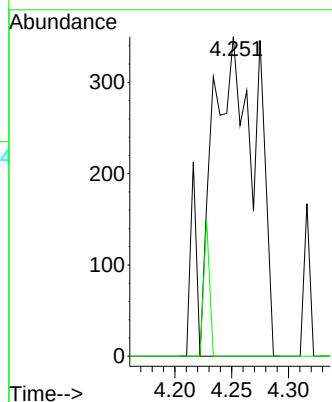
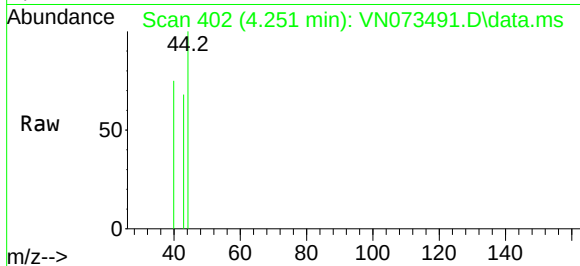




#16
Acetone
Concen: 0.494 ug/l
RT: 4.251 min Scan# 402
Delta R.T. 0.029 min
Lab File: VN073491.D
Acq: 18 Jul 2022 11:48

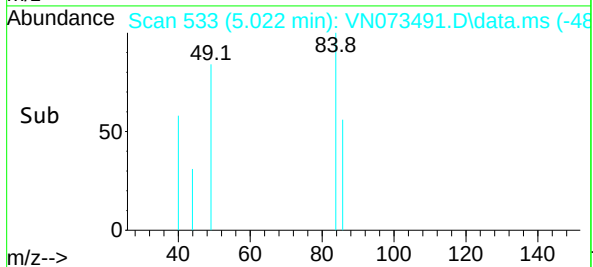
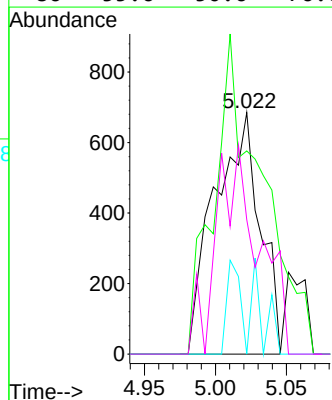
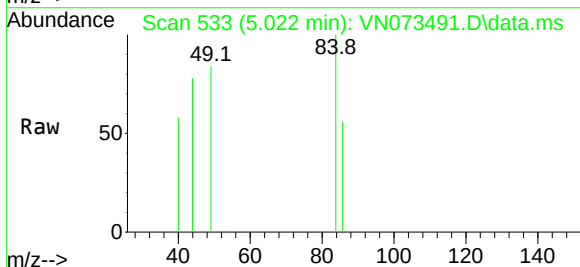
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBL01

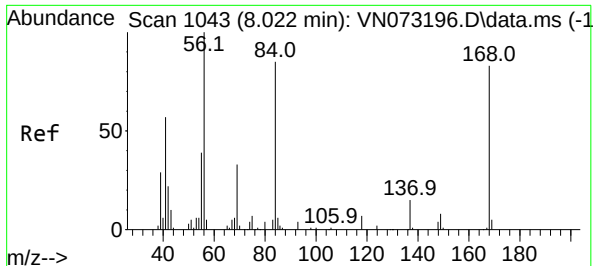
Tgt Ion: 43 Resp: 984
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#20
Methylene Chloride
Concen: 0.435 ug/l
RT: 5.022 min Scan# 533
Delta R.T. 0.006 min
Lab File: VN073491.D
Acq: 18 Jul 2022 11:48

Tgt Ion: 84 Resp: 1525
Ion Ratio Lower Upper
84 100
49 84.1 88.3 132.5#
51 0.0 28.2 42.2#
86 55.6 50.6 76.0





#31

Cyclohexane

Concen: 1.043 ug/l

RT: 8.010 min Scan# 1

Delta R.T. -0.012 min

Lab File: VN073491.D

Acq: 18 Jul 2022 11:48

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBL01

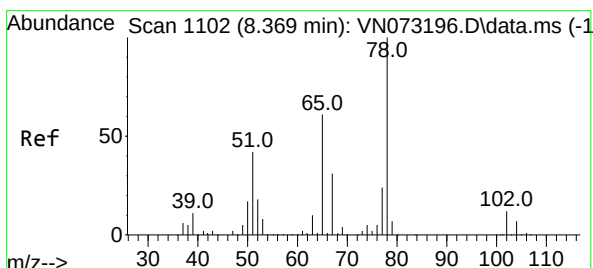
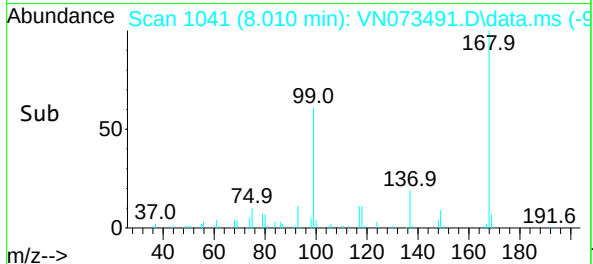
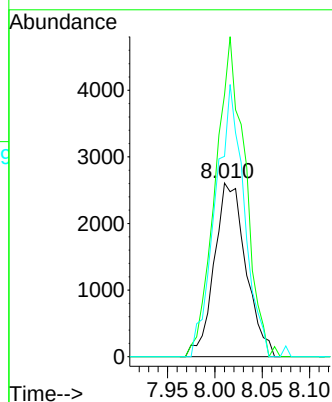
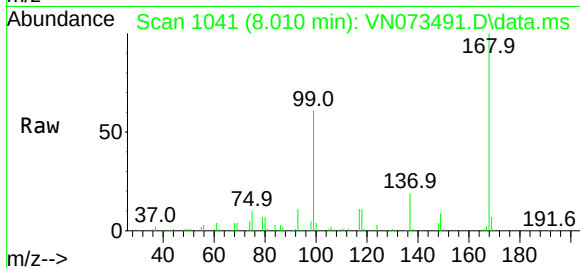
Tgt Ion: 56 Resp: 6063

Ion Ratio Lower Upper

56 100

69 150.9 27.8 41.8#

84 115.4 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 51.527 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073491.D

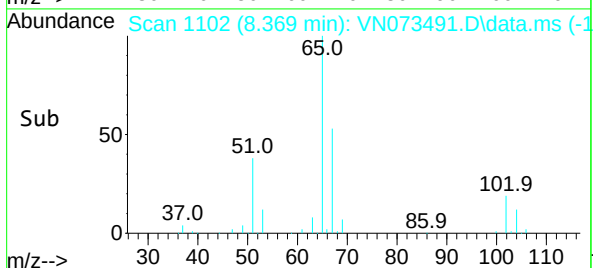
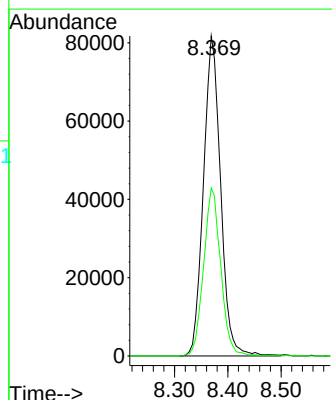
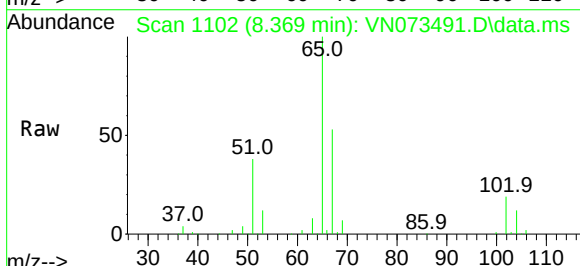
Acq: 18 Jul 2022 11:48

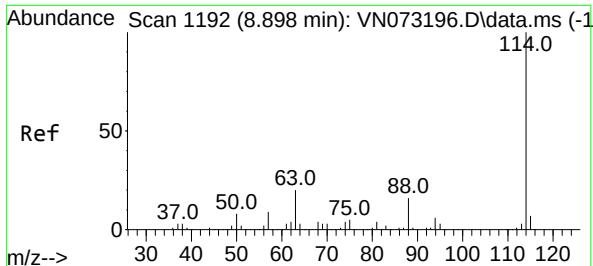
Tgt Ion: 65 Resp: 182972

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073491.D

Acq: 18 Jul 2022 11:48

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBL01

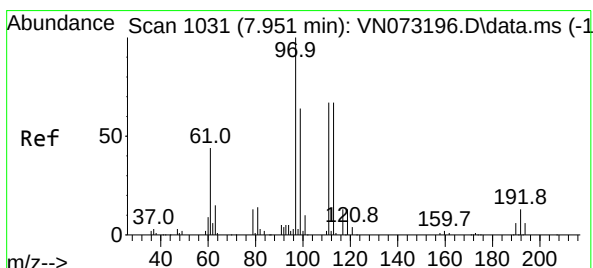
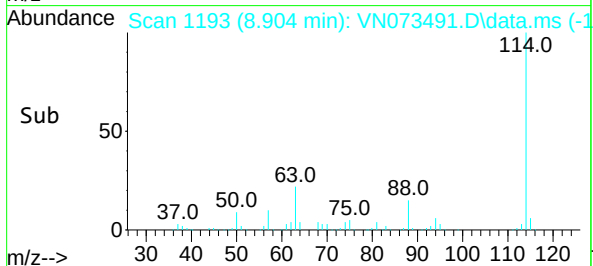
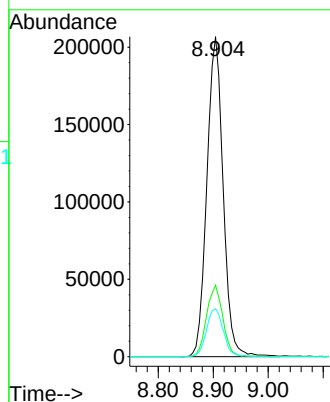
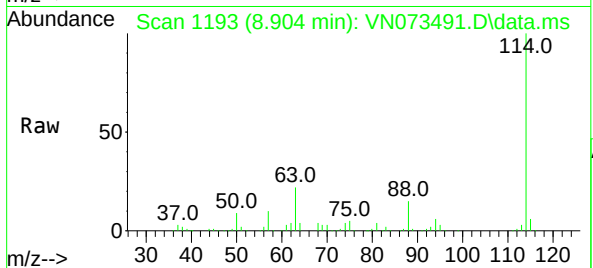
Tgt Ion:114 Resp: 424658

Ion Ratio Lower Upper

114 100

63 22.4 0.0 40.0

88 15.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.769 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073491.D

Acq: 18 Jul 2022 11:48

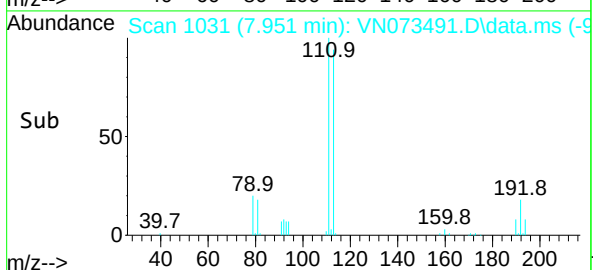
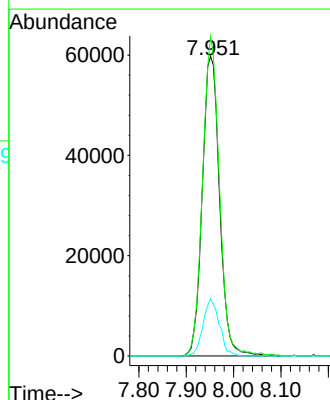
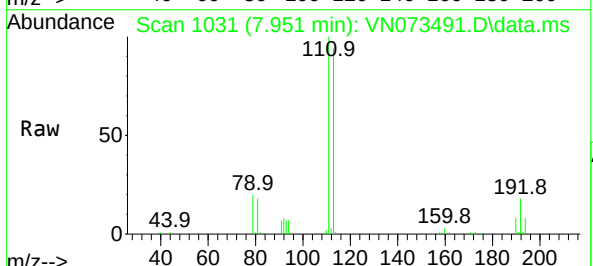
Tgt Ion:113 Resp: 151915

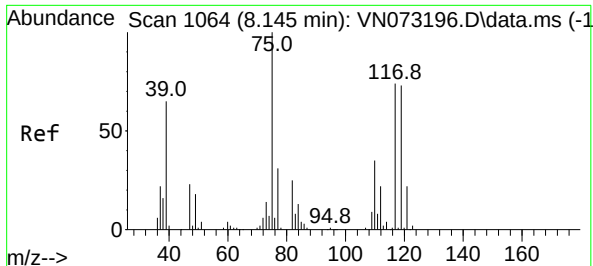
Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.0

192 18.0 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.076 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073491.D

Acq: 18 Jul 2022 11:48

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBL01

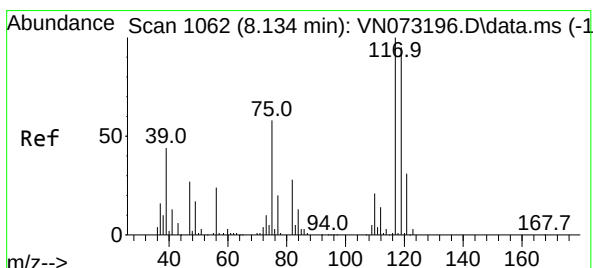
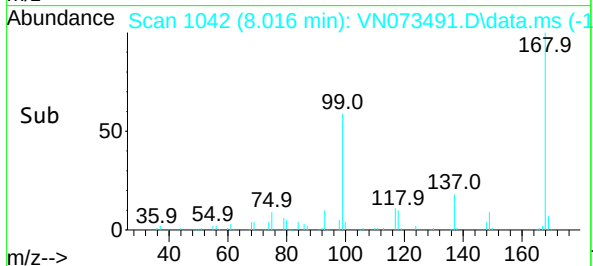
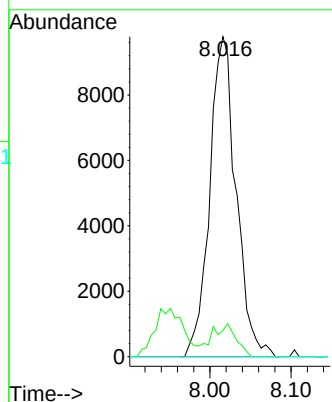
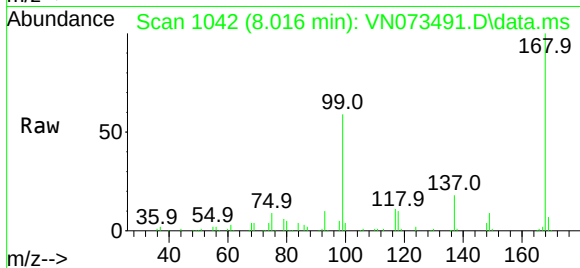
Tgt Ion: 75 Resp: 22065

Ion Ratio Lower Upper

75 100

110 9.4 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.660 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.118 min

Lab File: VN073491.D

Acq: 18 Jul 2022 11:48

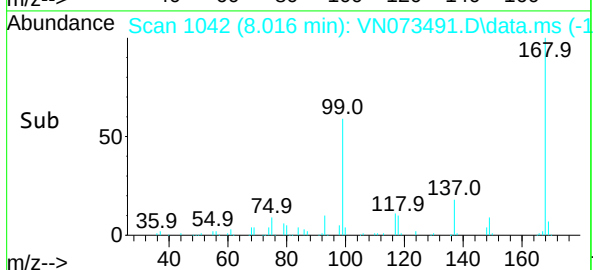
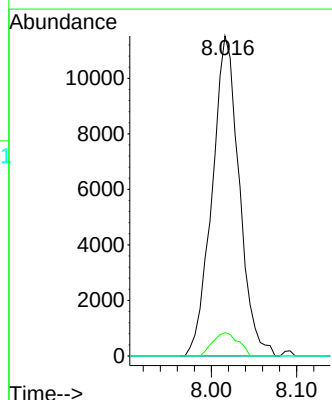
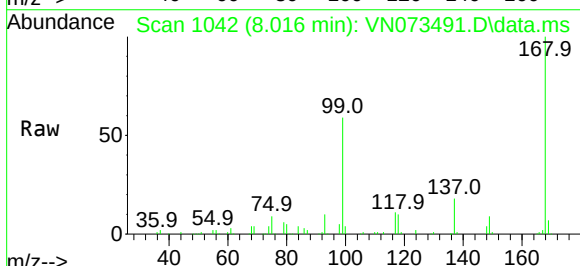
Tgt Ion: 117 Resp: 25446

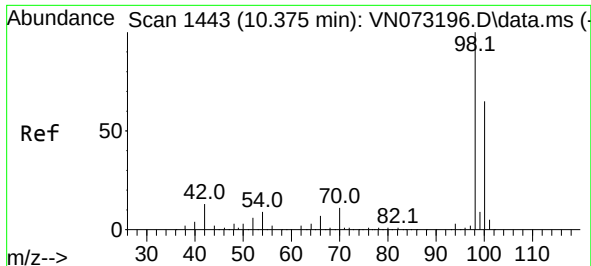
Ion Ratio Lower Upper

117 100

119 7.3 75.8 113.8#

121 0.0 24.6 37.0#

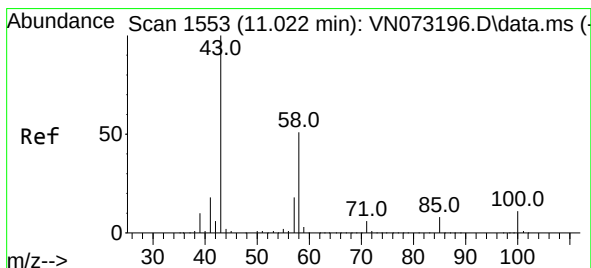
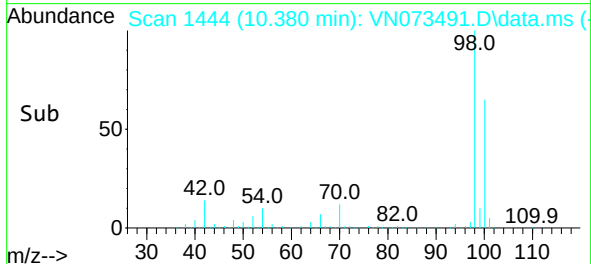
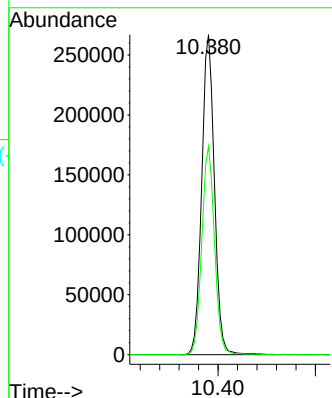
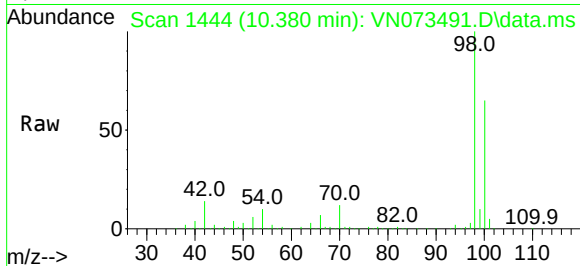




#50
Toluene-d8
Concen: 48.232 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073491.D
Acq: 18 Jul 2022 11:48

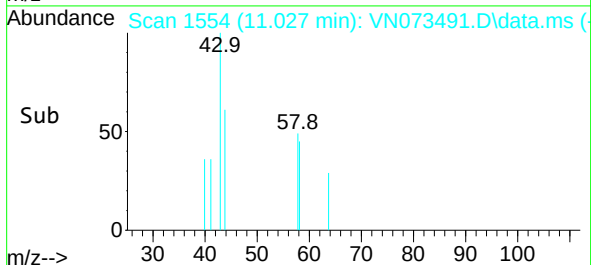
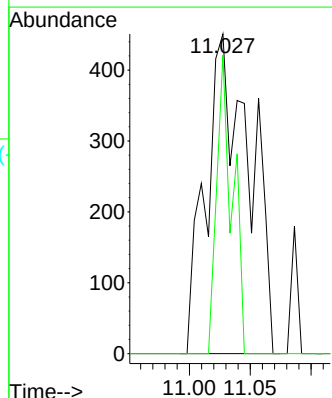
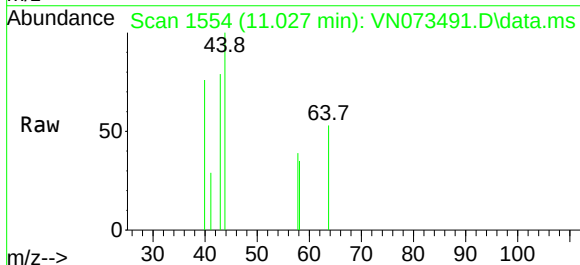
Instrument :
MSVOA_N
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VN0718WBL01

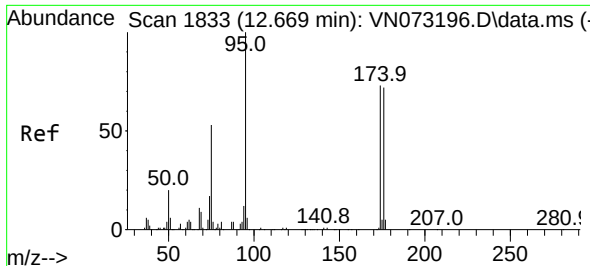
Tgt Ion: 98 Resp: 483982
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#59
2-Hexanone
Concen: 0.244 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.005 min
Lab File: VN073491.D
Acq: 18 Jul 2022 11:48

Tgt Ion: 43 Resp: 1115
Ion Ratio Lower Upper
43 100
58 34.2 29.7 89.1

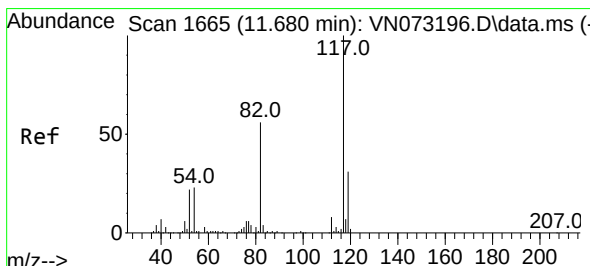
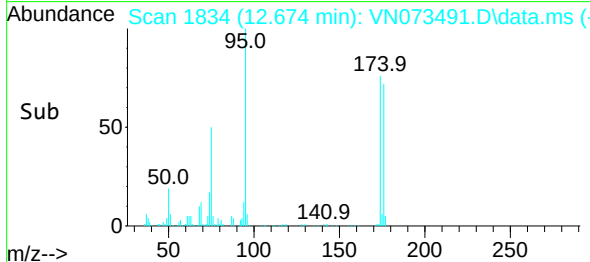
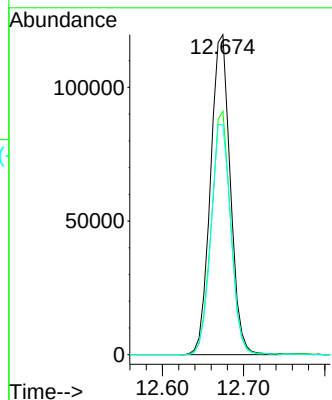
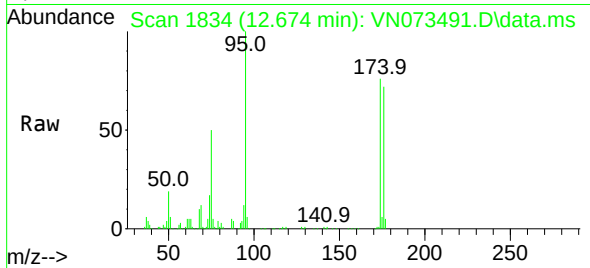




#62
4-Bromofluorobenzene
Concen: 52.659 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073491.D
Acq: 18 Jul 2022 11:48

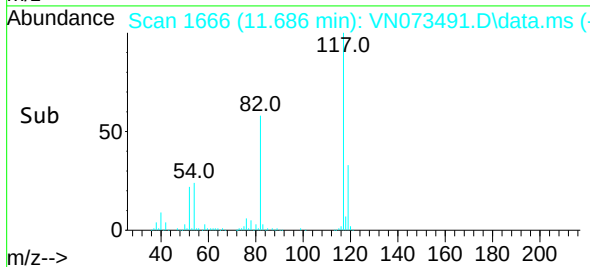
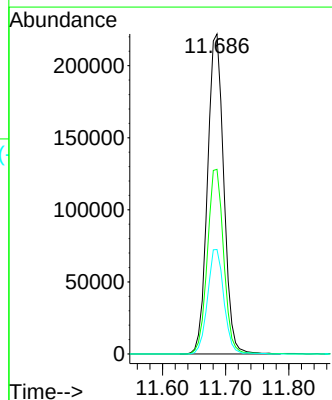
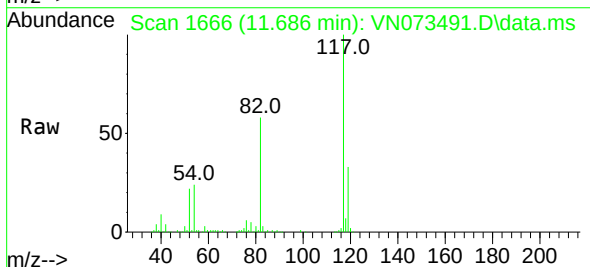
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ClientSampleId :
VN0718WBL01

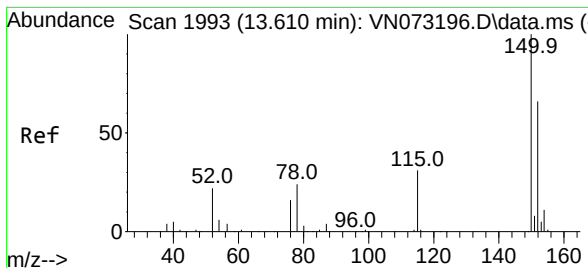
Tgt Ion: 95 Resp: 203066
Ion Ratio Lower Upper
95 100
174 74.4 0.0 167.6
176 72.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073491.D
Acq: 18 Jul 2022 11:48

Tgt Ion: 117 Resp: 396989
Ion Ratio Lower Upper
117 100
82 57.7 44.2 66.2
119 32.6 25.4 38.0

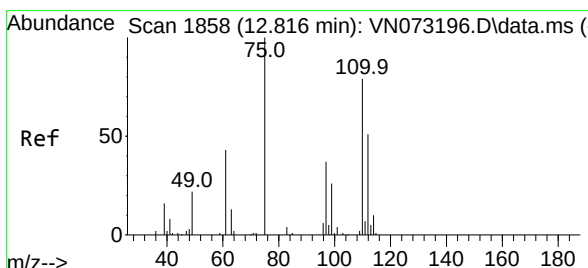
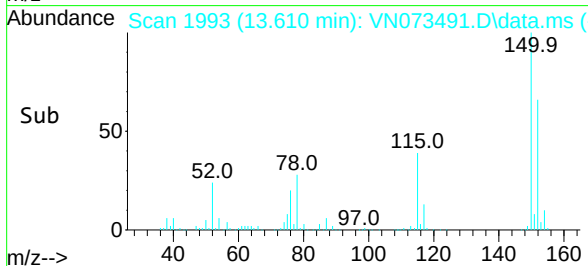
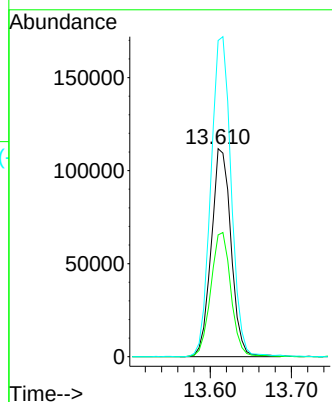
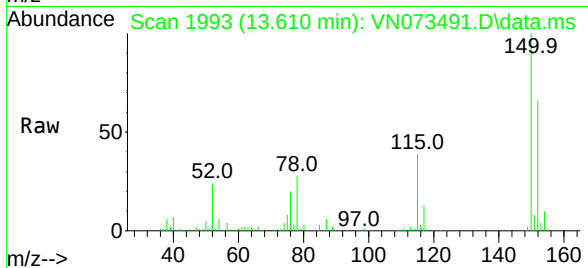




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: VN073491.D
 Acq: 18 Jul 2022 11:48

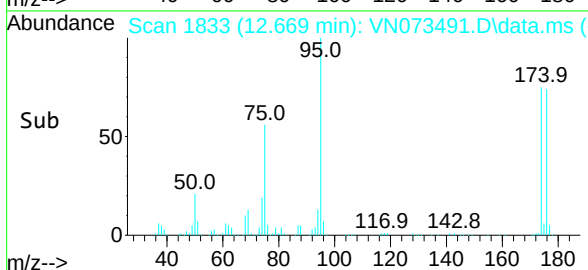
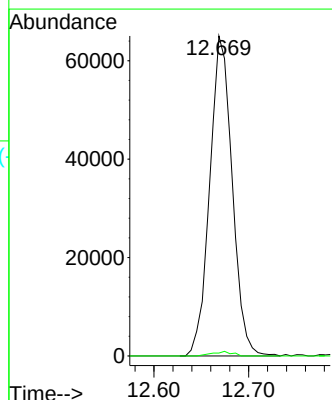
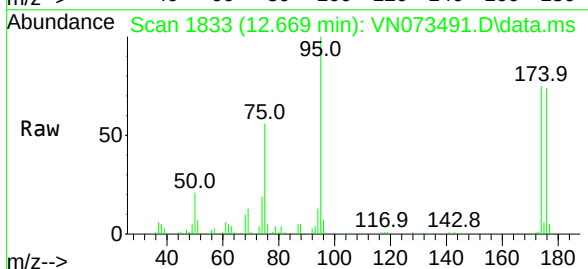
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBL01

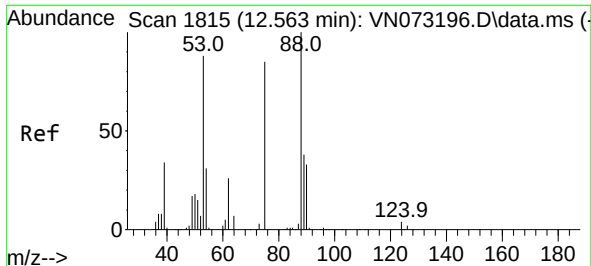
Tgt Ion:152 Resp: 189149
 Ion Ratio Lower Upper
 152 100
 115 60.9 28.9 86.7
 150 157.9 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 21.742 ug/l
 RT: 12.669 min Scan# 1833
 Delta R.T. -0.147 min
 Lab File: VN073491.D
 Acq: 18 Jul 2022 11:48

Tgt Ion: 75 Resp: 107535
 Ion Ratio Lower Upper
 75 100
 77 1.2 98.5 295.5#

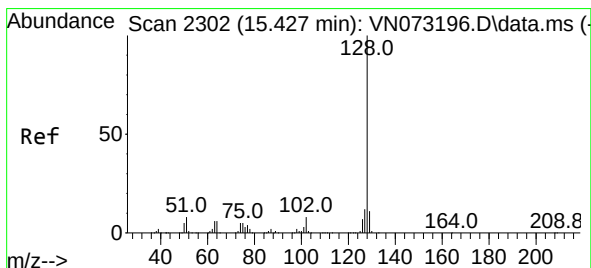
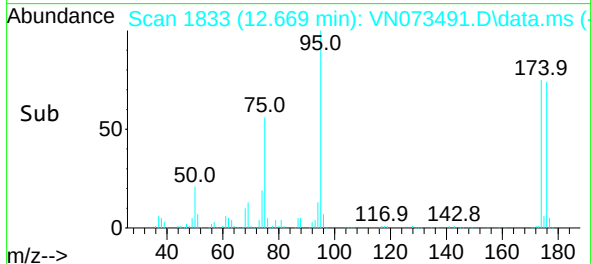
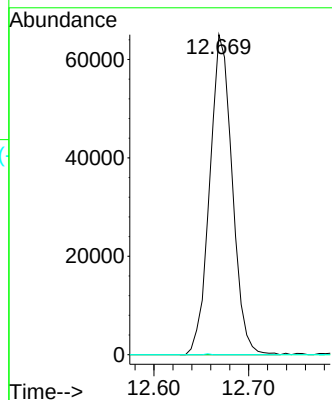
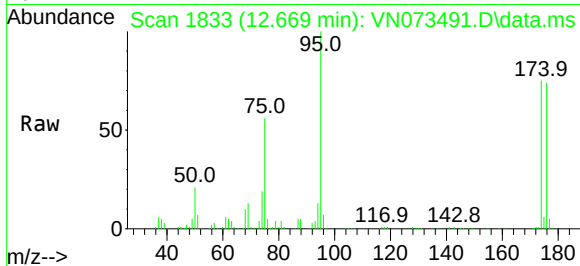




#81
trans-1,4-Dichloro-2-butene
Concen: 59.628 ug/l
RT: 12.669 min Scan# 1815
Delta R.T. 0.106 min
Lab File: VN073491.D
Acq: 18 Jul 2022 11:48

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBL01

Tgt Ion: 75 Resp: 107535
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.1 37.2 55.8#



#95
Naphthalene
Concen: 0.250 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN073491.D
Acq: 18 Jul 2022 11:48

Tgt Ion: 128 Resp: 3650
Ion Ratio Lower Upper
128 100
127 4.2 10.3 15.5#
129 5.5 8.6 13.0#

