

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071822\
 Data File : VN073490.D
 Acq On : 18 Jul 2022 11:23
 Operator : JC\MD
 Sample : VN0718MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718MBL01

Quant Time: Jul 18 15:28:42 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)

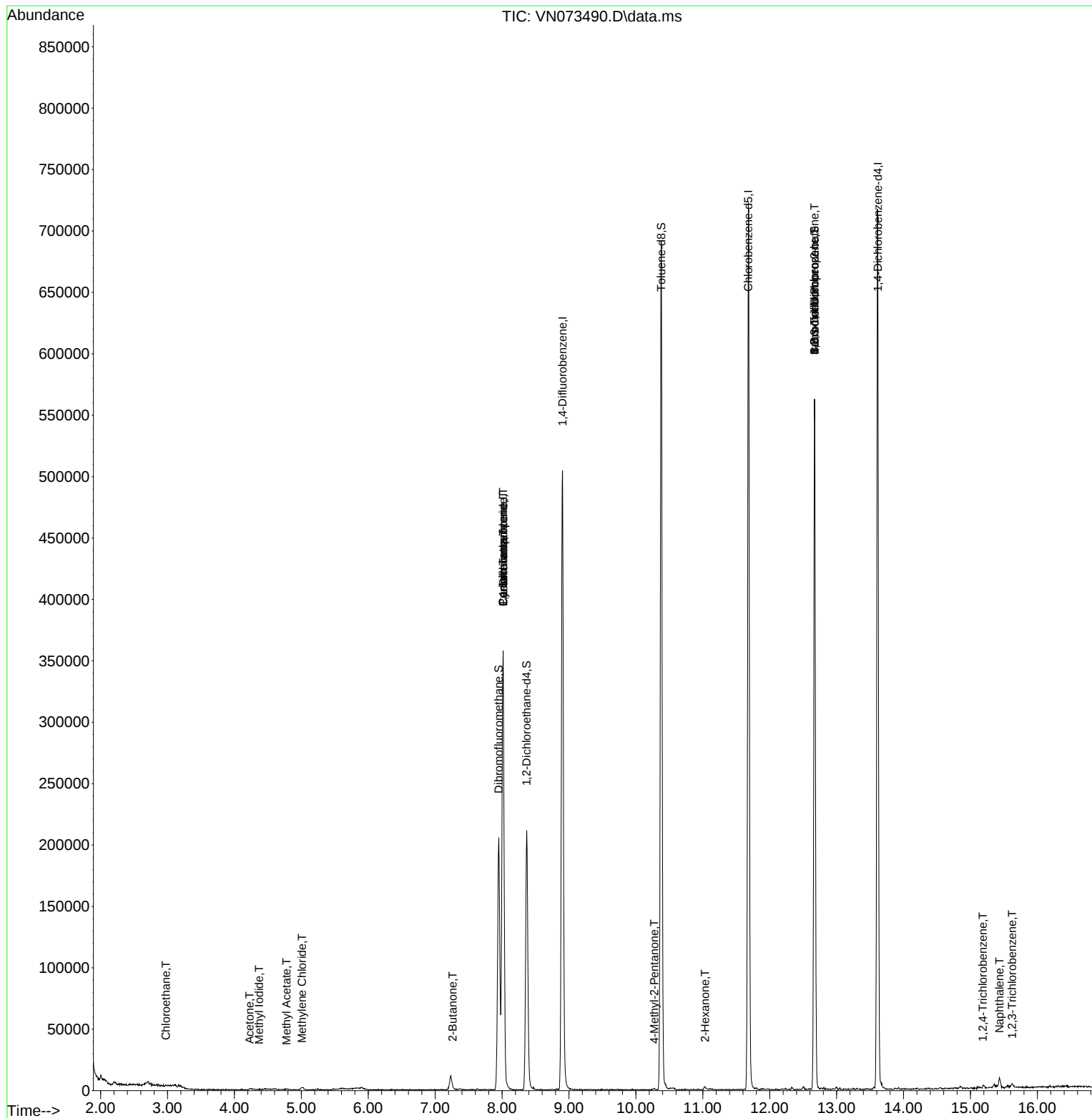
Internal Standards						
1) Pentafluorobenzene	8.016	168	263748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	443432	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	409873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	193742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	178410	46.858	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.720%
35) Dibromofluoromethane	7.951	113	148740	50.417	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.840%
50) Toluene-d8	10.380	98	474999	45.332	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.660%
62) 4-Bromofluorobenzene	12.668	95	197643	49.083	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.160%
Target Compounds						
					Qvalue	
6) Chloroethane	2.975	64	485	0.259	ug/l #	42
10) Methyl Iodide	4.369	142	79	3.753	ug/l #	44
16) Acetone	4.228	43	2255	1.055	ug/l #	79
18) Methyl Acetate	4.781	43	1551	0.259	ug/l #	55
20) Methylene Chloride	5.010	84	1658	0.441	ug/l #	75
25) 2-Butanone	7.263	43	699	0.205	ug/l #	45
31) Cyclohexane	8.016	56	6493	1.041	ug/l #	35
36) 1,1-Dichloropropene	8.016	75	22131	4.875	ug/l #	47
38) Carbon Tetrachloride	8.016	117	27608	5.881	ug/l #	17
51) 4-Methyl-2-Pentanone	10.274	43	1258	0.201	ug/l #	33
59) 2-Hexanone	11.033	43	2667	0.560	ug/l	73
71) Bromoform	12.668	173	1353	0.542	ug/l #	1
76) 1,2,3-Trichloropropane	12.668	75	104545	20.637	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	104545	56.595	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.186	180	1475	0.399	ug/l #	71
95) Naphthalene	15.433	128	8303	0.556	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.621	180	1755	0.460	ug/l	86

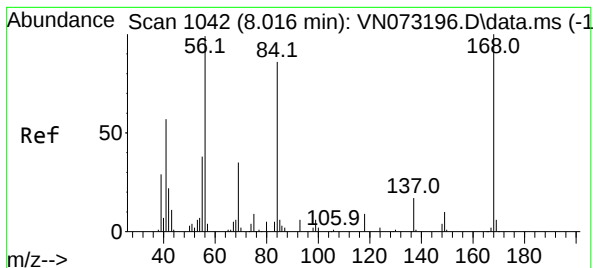
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN073490.D

Acq: 18 Jul 2022 11:23

Instrument :

MSVOA_N

ClientSampleId :

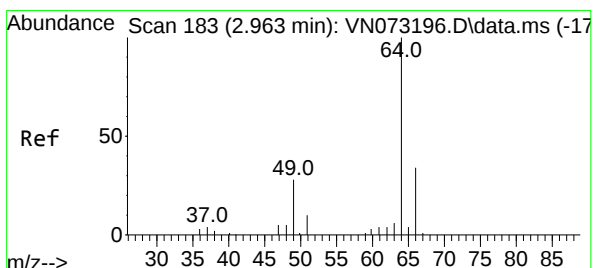
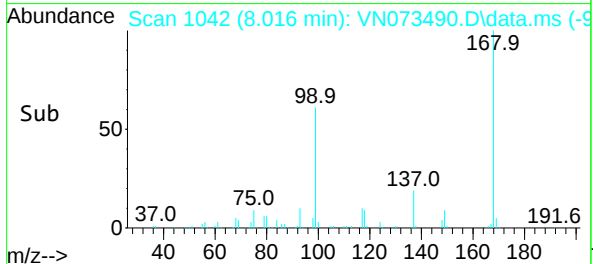
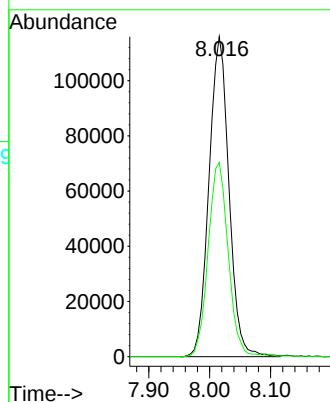
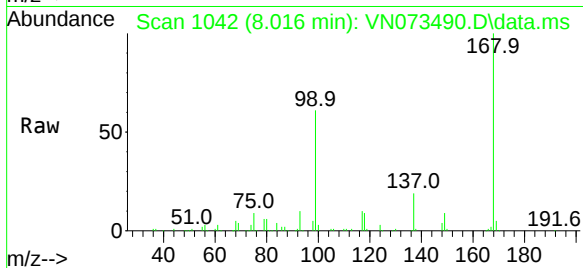
VN0718MBL01

Tgt Ion:168 Resp: 263748

Ion Ratio Lower Upper

168 100

99 60.7 42.3 63.5



#6

Chloroethane

Concen: 0.259 ug/l

RT: 2.975 min Scan# 185

Delta R.T. 0.012 min

Lab File: VN073490.D

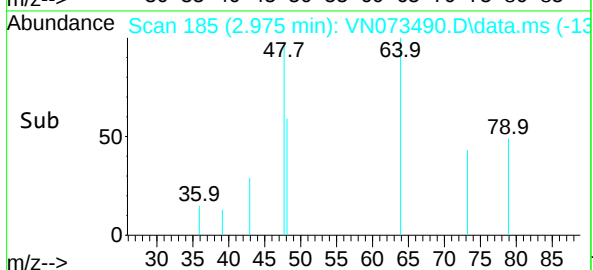
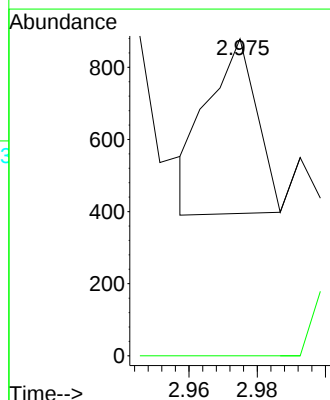
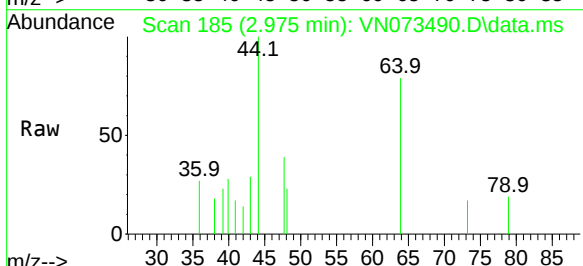
Acq: 18 Jul 2022 11:23

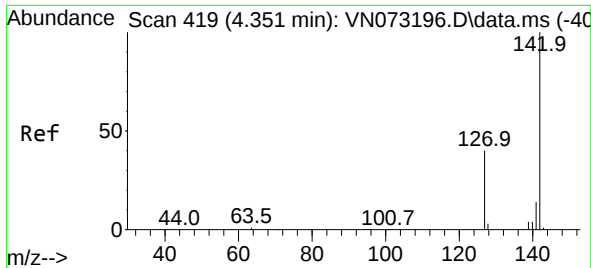
Tgt Ion: 64 Resp: 485

Ion Ratio Lower Upper

64 100

66 0.0 26.2 39.4#

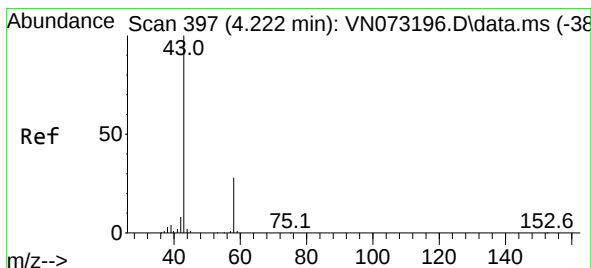
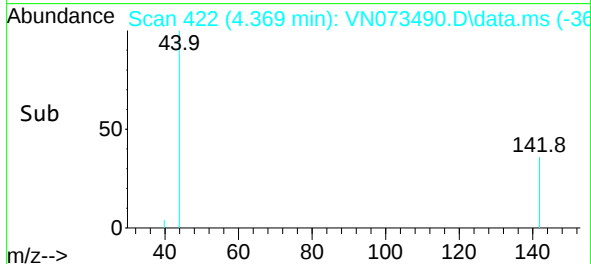
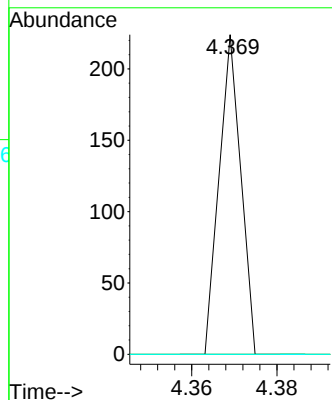
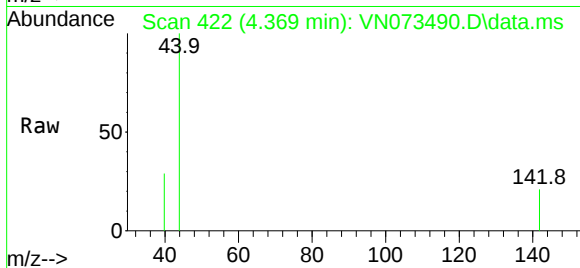




#10
Methyl Iodide
Concen: 3.753 ug/l
RT: 4.369 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN073490.D
Acq: 18 Jul 2022 11:23

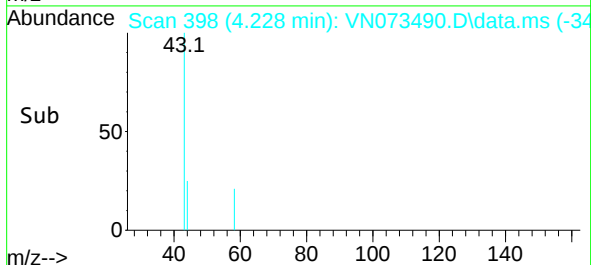
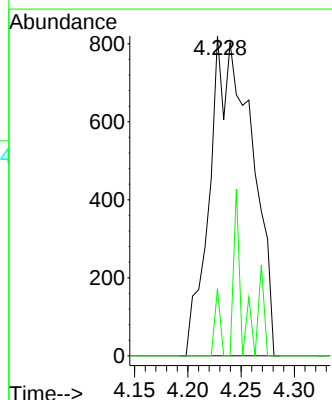
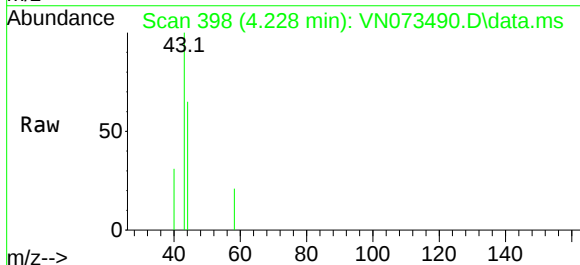
Instrument :
MSVOA_N
ClientSampleId :
VN0718MBL01

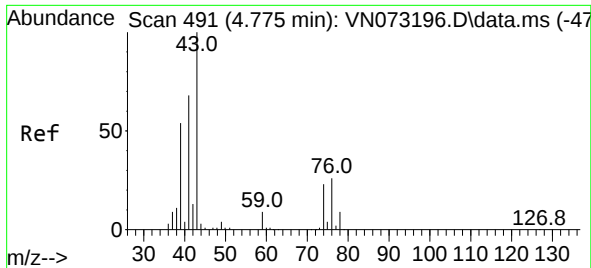
Tgt Ion:142 Resp: 79
Ion Ratio Lower Upper
142 100
127 0.0 31.3 46.9#
141 0.0 11.2 16.8#



#16
Acetone
Concen: 1.055 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073490.D
Acq: 18 Jul 2022 11:23

Tgt Ion: 43 Resp: 2255
Ion Ratio Lower Upper
43 100
58 21.0 26.0 39.0#

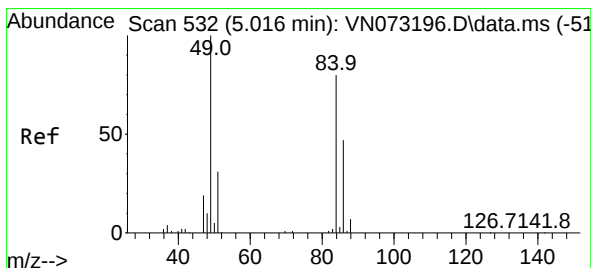
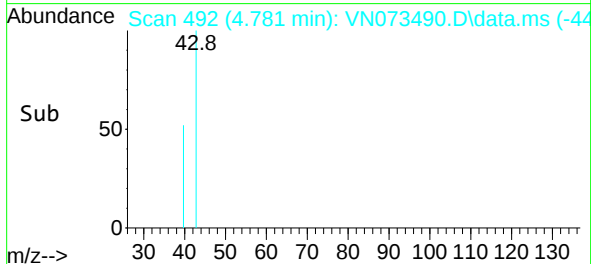
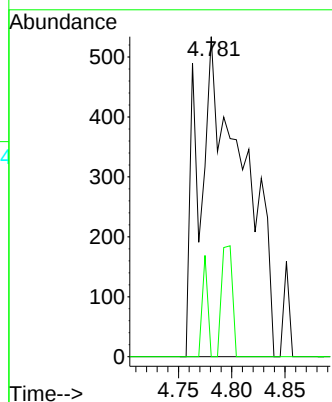
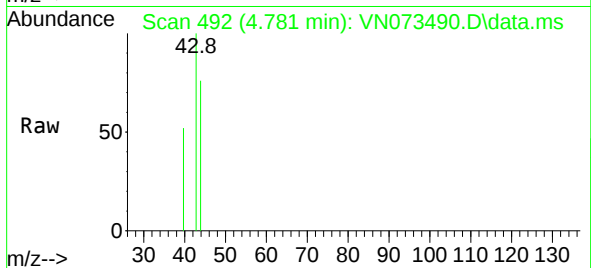




#18
Methyl Acetate
Concen: 0.259 ug/l
RT: 4.781 min Scan# 491
Delta R.T. 0.006 min
Lab File: VN073490.D
Acq: 18 Jul 2022 11:23

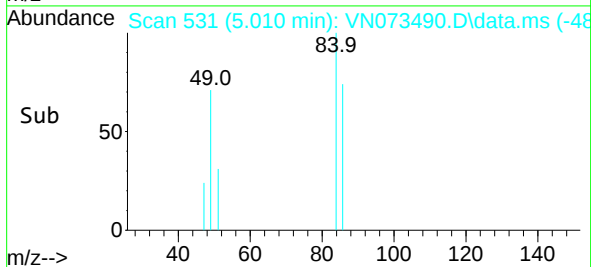
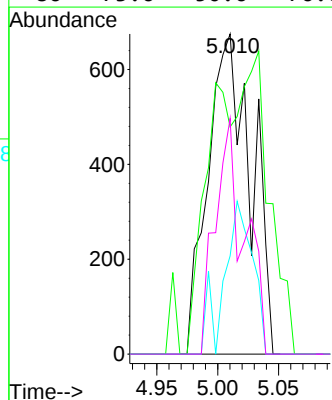
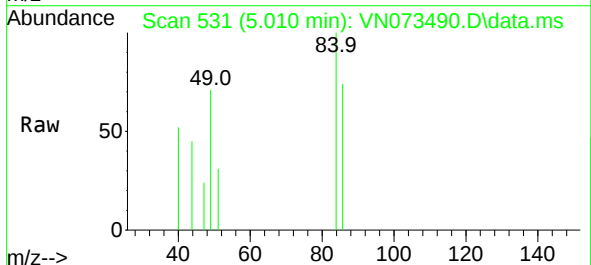
Instrument :
MSVOA_N
ClientSampleId :
VN0718MBL01

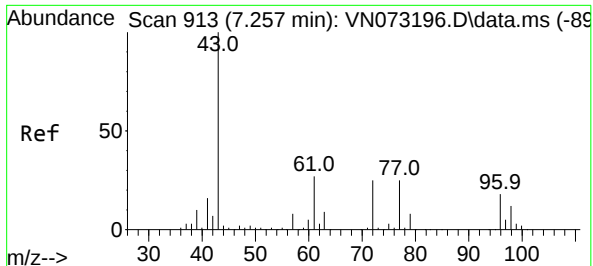
Tgt Ion: 43 Resp: 1551
Ion Ratio Lower Upper
43 100
74 3.9 21.6 32.4#



#20
Methylene Chloride
Concen: 0.441 ug/l
RT: 5.010 min Scan# 531
Delta R.T. -0.006 min
Lab File: VN073490.D
Acq: 18 Jul 2022 11:23

Tgt Ion: 84 Resp: 1658
Ion Ratio Lower Upper
84 100
49 71.0 88.3 132.5#
51 30.7 28.2 42.2
86 73.6 50.6 76.0

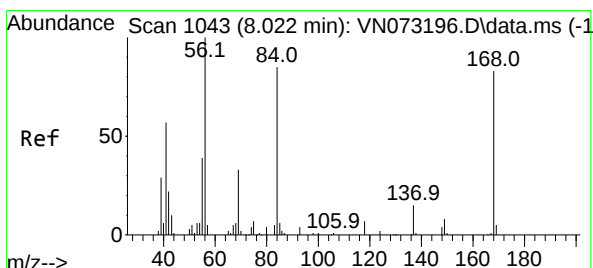
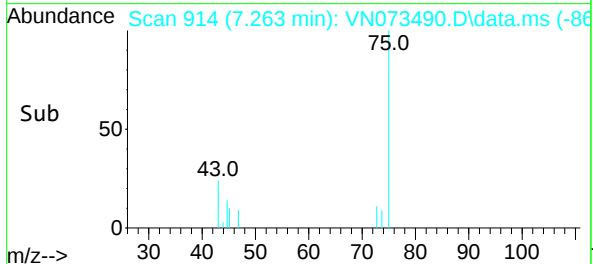
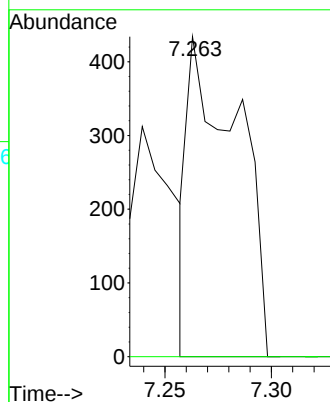
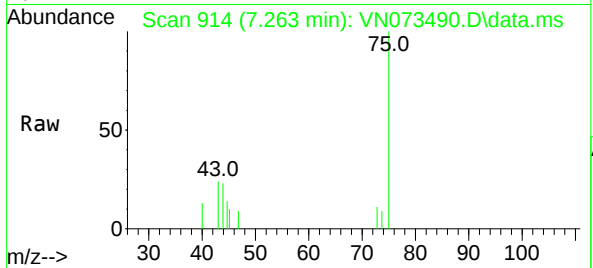




#25
2-Butanone
Concen: 0.205 ug/l
RT: 7.263 min Scan# 913
Delta R.T. 0.006 min
Lab File: VN073490.D
Acq: 18 Jul 2022 11:23

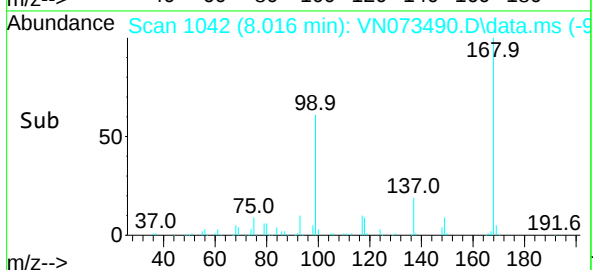
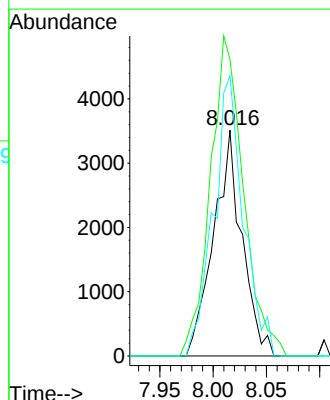
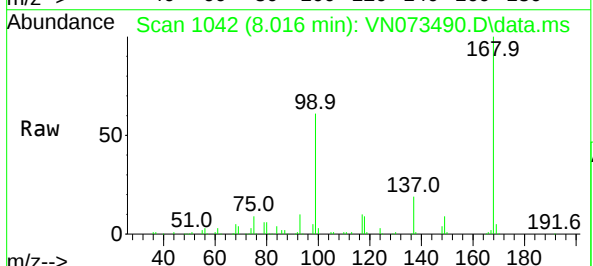
Instrument :
MSVOA_N
ClientSampleId :
VN0718MBL01

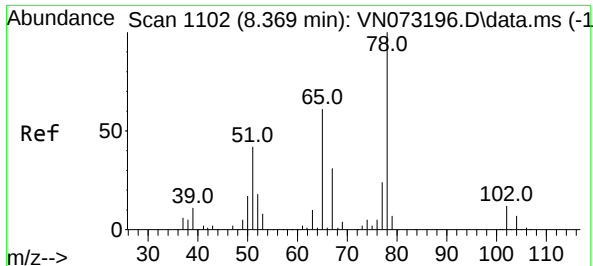
Tgt Ion: 43 Resp: 699
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.041 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073490.D
Acq: 18 Jul 2022 11:23

Tgt Ion: 56 Resp: 6493
Ion Ratio Lower Upper
56 100
69 131.3 27.8 41.8#
84 124.0 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 46.858 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073490.D

Acq: 18 Jul 2022 11:23

Instrument :

MSVOA_N

ClientSampleId :

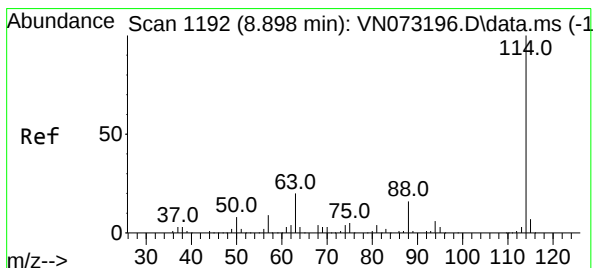
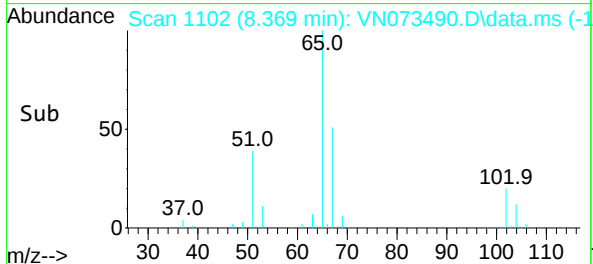
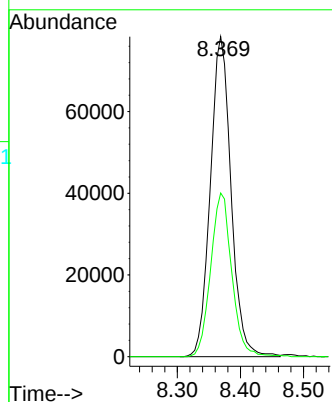
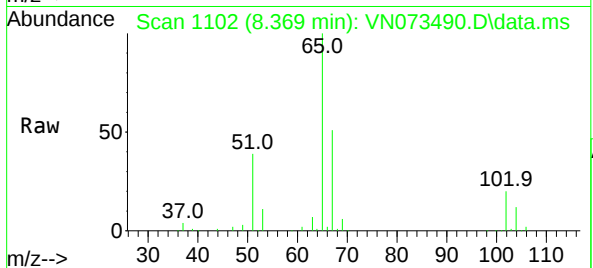
VN0718MBL01

Tgt Ion: 65 Resp: 178410

Ion Ratio Lower Upper

65 100

67 52.1 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: VN073490.D

Acq: 18 Jul 2022 11:23

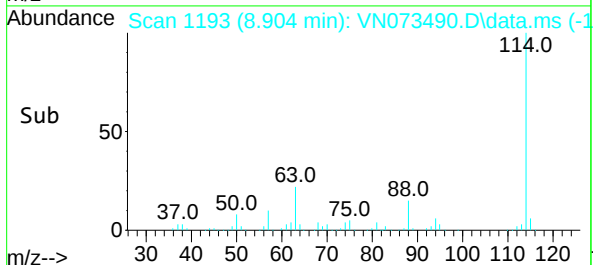
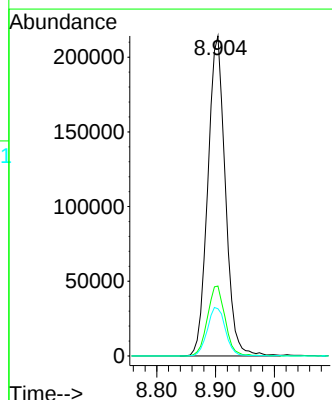
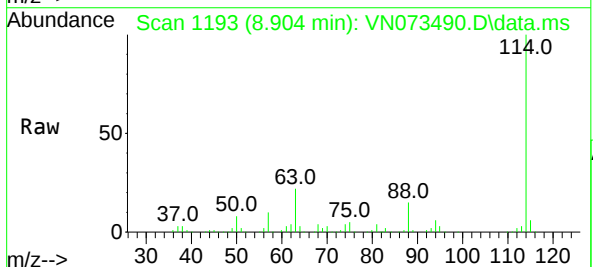
Tgt Ion: 114 Resp: 443432

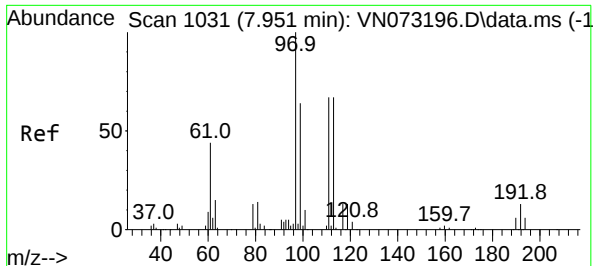
Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.0

88 14.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.417 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073490.D

Acq: 18 Jul 2022 11:23

Instrument :

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ClientSampleId :

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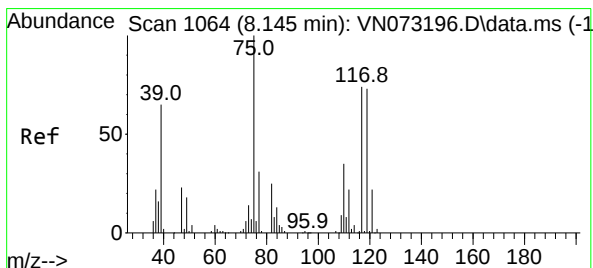
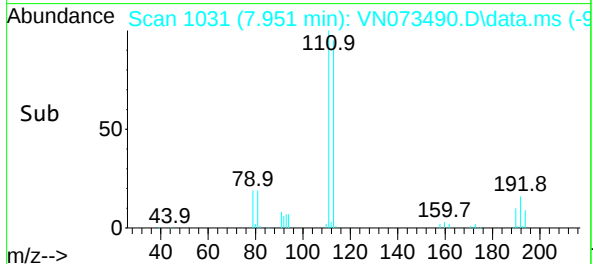
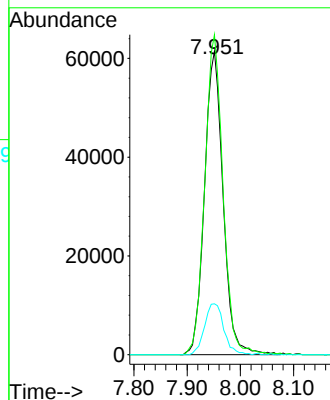
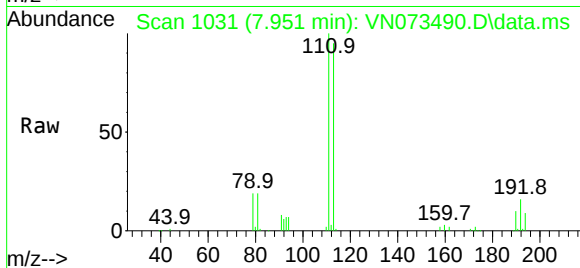
Tgt Ion:113 Resp: 148740

Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 17.4 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.875 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073490.D

Acq: 18 Jul 2022 11:23

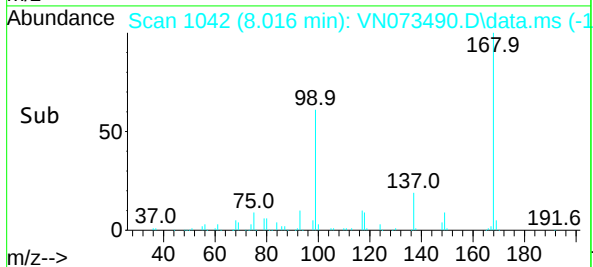
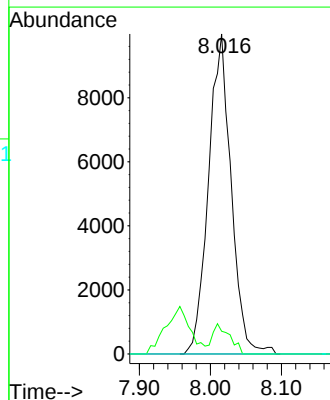
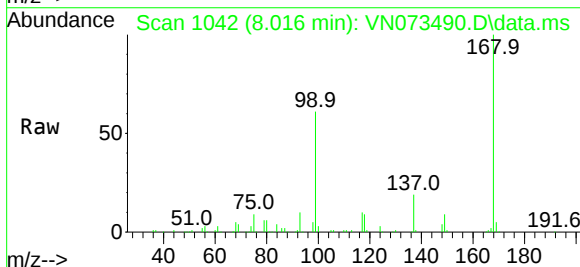
Tgt Ion: 75 Resp: 22131

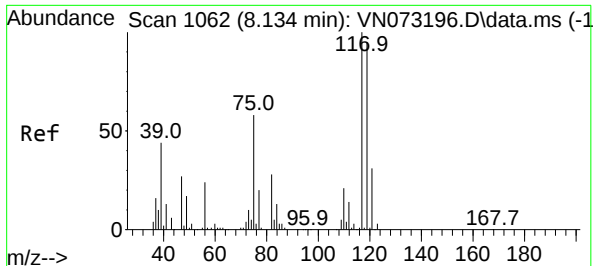
Ion Ratio Lower Upper

75 100

110 7.2 18.3 54.8#

77 0.0 25.1 37.7#

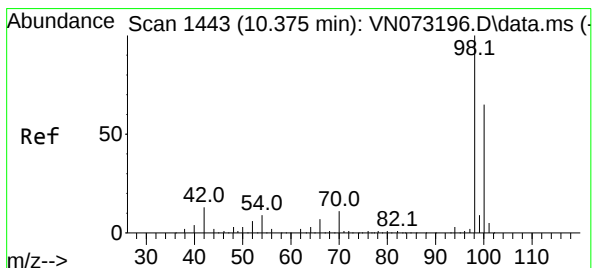
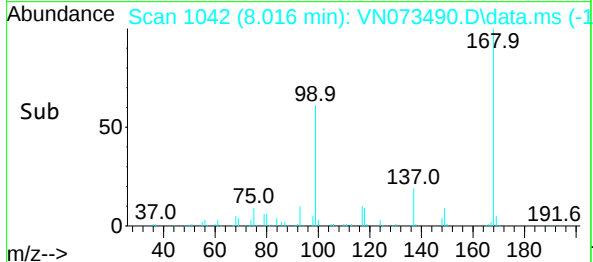
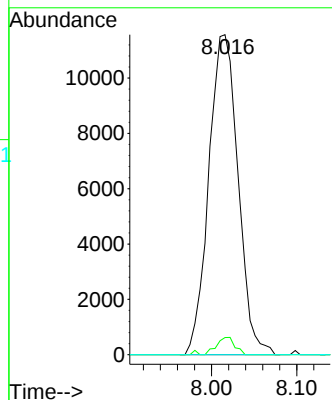
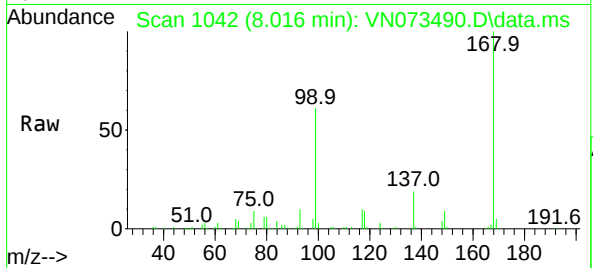




#38
Carbon Tetrachloride
Concen: 5.881 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN073490.D
Acq: 18 Jul 2022 11:23

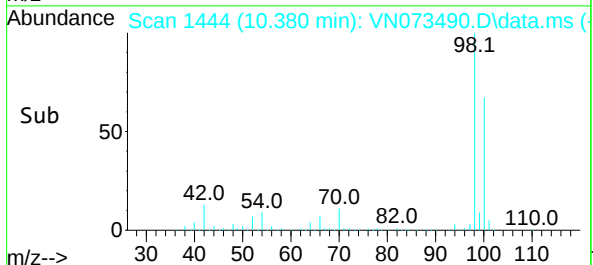
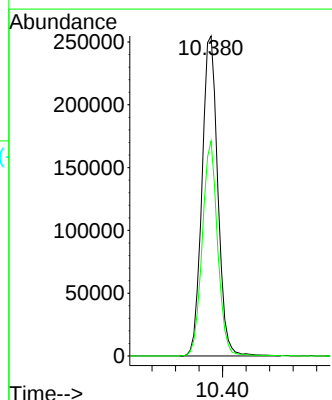
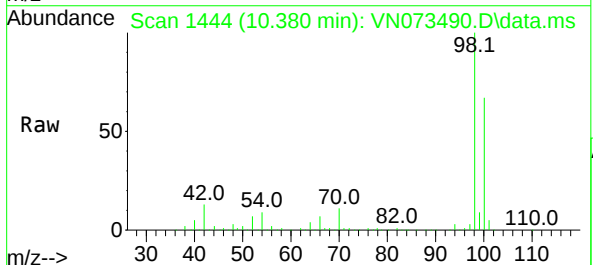
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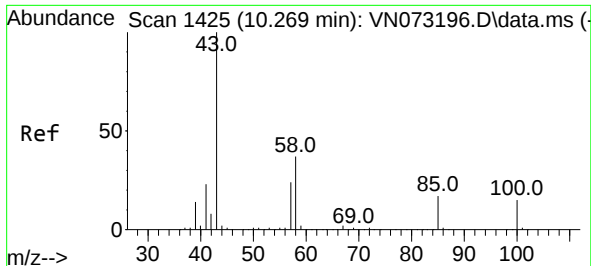
Tgt Ion:117 Resp: 27608
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 45.332 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073490.D
Acq: 18 Jul 2022 11:23

Tgt Ion: 98 Resp: 474999
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8

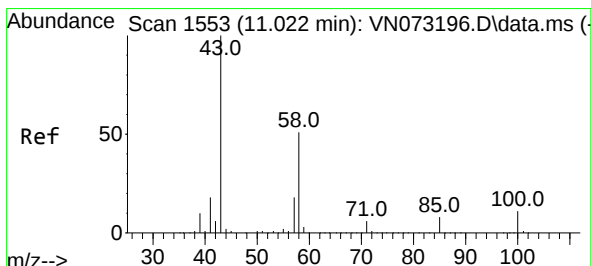
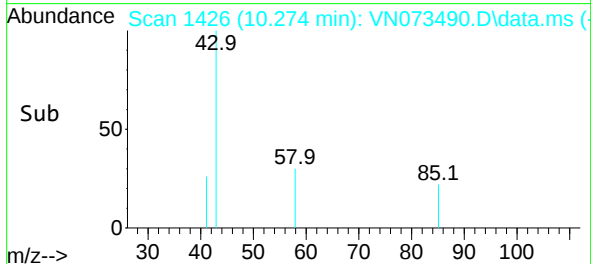
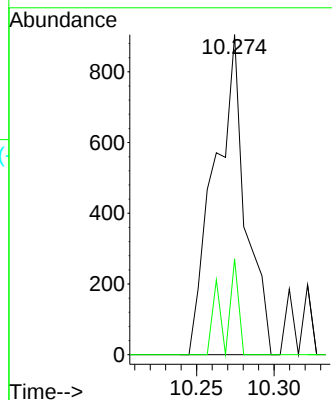
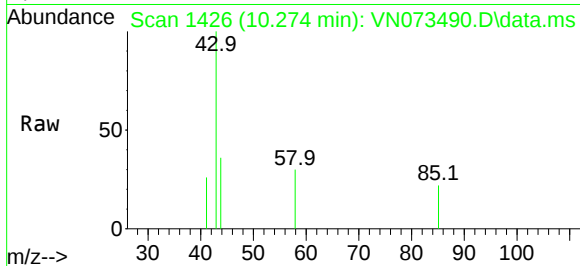




#51
4-Methyl-2-Pentanone
Concen: 0.201 ug/l
RT: 10.274 min Scan# 1426
Delta R.T. 0.005 min
Lab File: VN073490.D
Acq: 18 Jul 2022 11:23

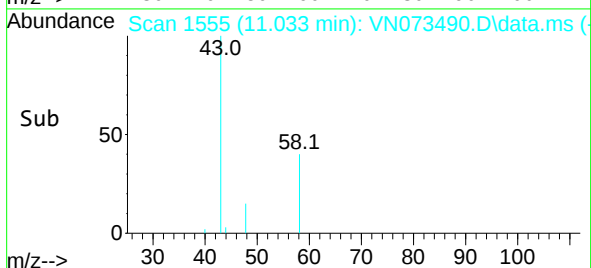
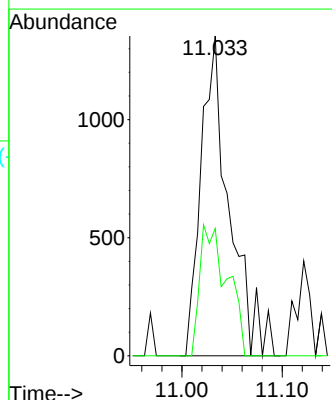
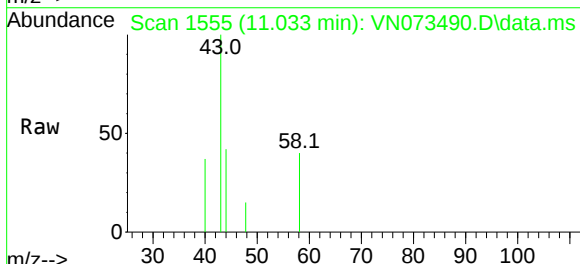
Instrument :
MSVOA_N
ClientSampleId :
VN0718MBL01

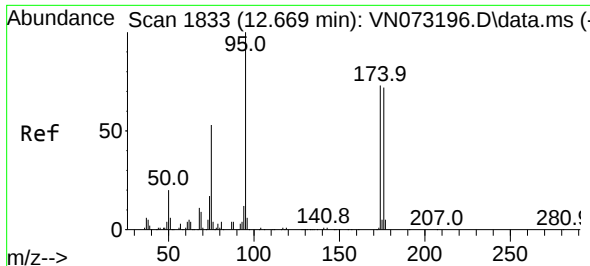
Tgt Ion: 43 Resp: 1258
Ion Ratio Lower Upper
43 100
58 0.0 34.1 51.1#



#59
2-Hexanone
Concen: 0.560 ug/l
RT: 11.033 min Scan# 1555
Delta R.T. 0.011 min
Lab File: VN073490.D
Acq: 18 Jul 2022 11:23

Tgt Ion: 43 Resp: 2667
Ion Ratio Lower Upper
43 100
58 39.4 29.7 89.1

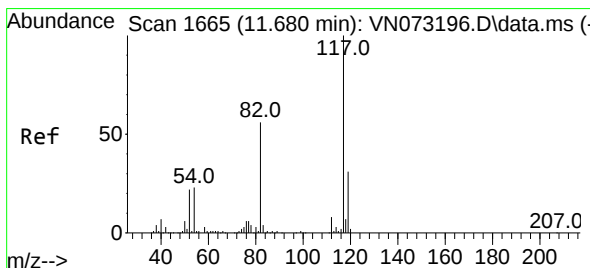
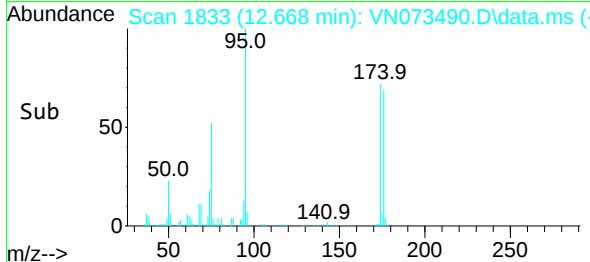
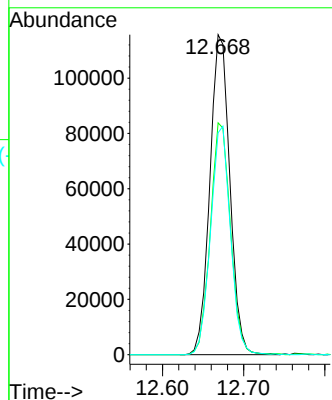
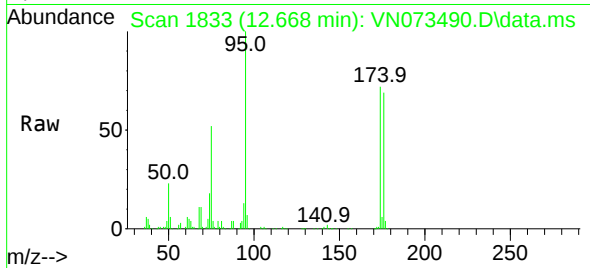




#62
4-Bromofluorobenzene
Concen: 49.083 ug/l
RT: 12.668 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN073490.D
Acq: 18 Jul 2022 11:23

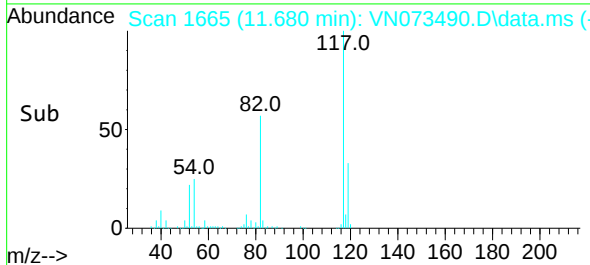
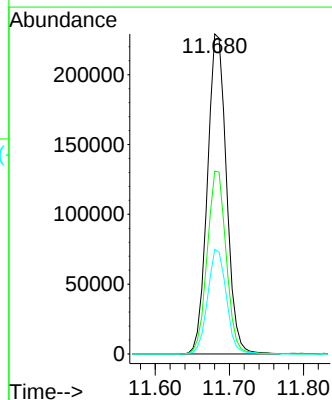
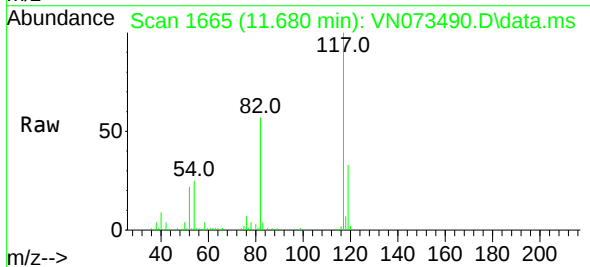
Instrument :
MSVOA_N
ClientSampleId :
VN0718MBL01

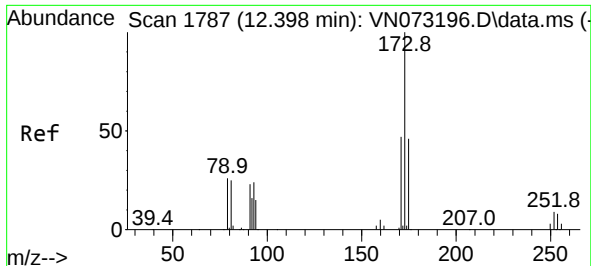
Tgt Ion: 95 Resp: 197643
Ion Ratio Lower Upper
95 100
174 73.3 0.0 167.6
176 70.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073490.D
Acq: 18 Jul 2022 11:23

Tgt Ion: 117 Resp: 409873
Ion Ratio Lower Upper
117 100
82 57.1 44.2 66.2
119 32.7 25.4 38.0

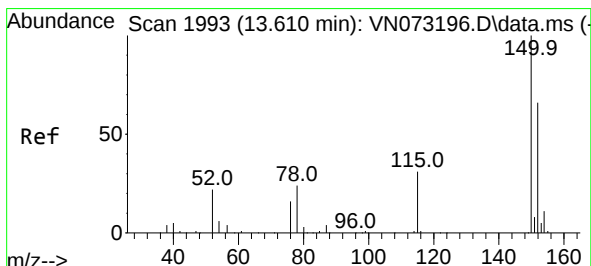
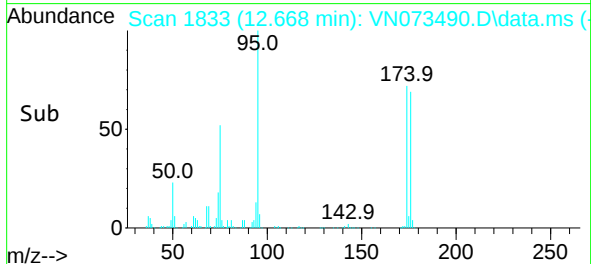
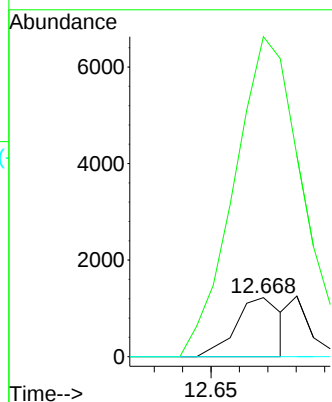
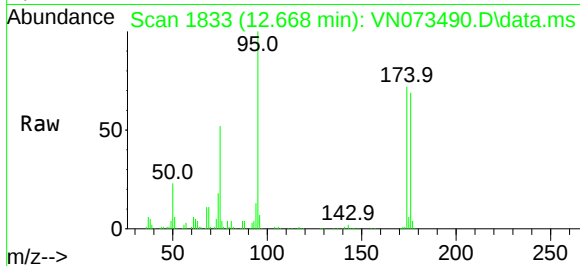




#71
Bromoform
Concen: 0.542 ug/l
RT: 12.668 min Scan# 11
Delta R.T. 0.270 min
Lab File: VN073490.D
Acq: 18 Jul 2022 11:23

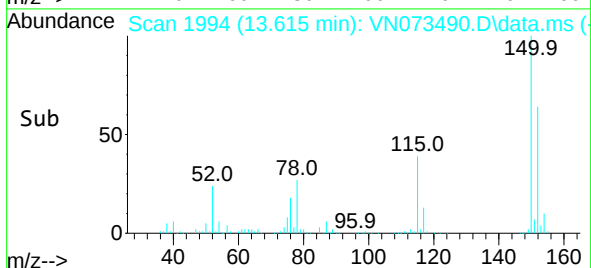
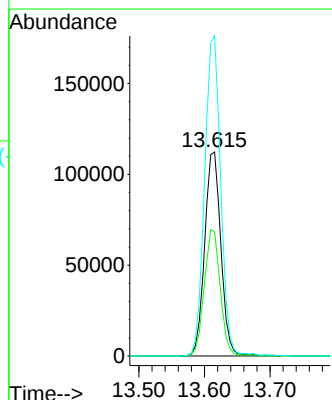
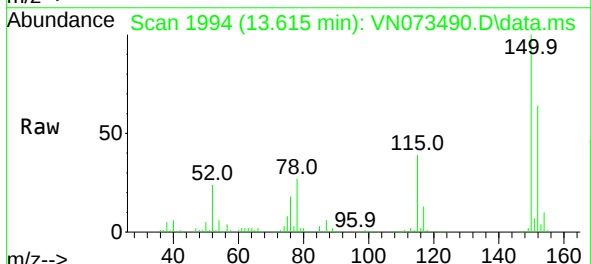
Instrument :
MSVOA_N
ClientSampleId :
VN0718MBL01

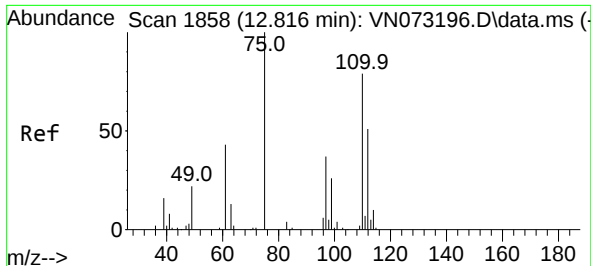
Tgt Ion:173 Resp: 1353
Ion Ratio Lower Upper
173 100
175 604.8 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.005 min
Lab File: VN073490.D
Acq: 18 Jul 2022 11:23

Tgt Ion:152 Resp: 193742
Ion Ratio Lower Upper
152 100
115 61.2 28.9 86.7
150 155.4 0.0 356.2

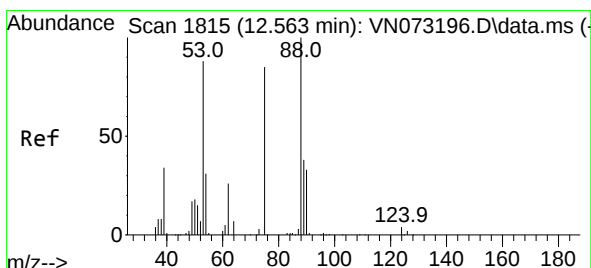
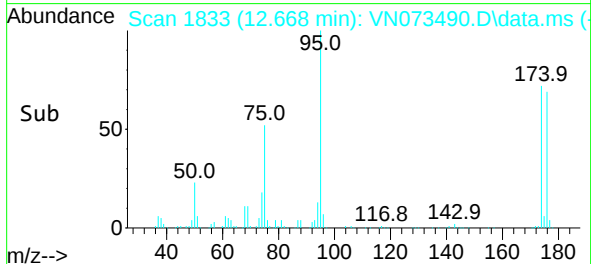
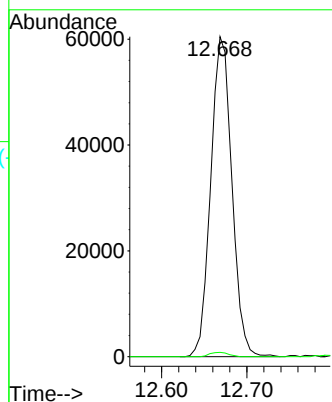
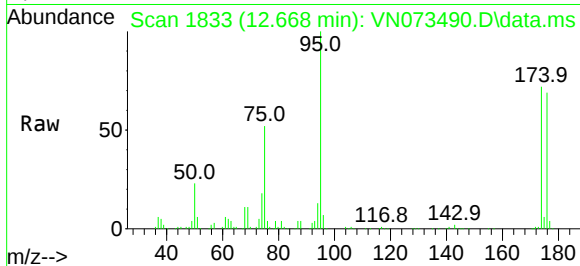




#76
1,2,3-Trichloropropane
Concen: 20.637 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.148 min
Lab File: VN073490.D
Acq: 18 Jul 2022 11:23

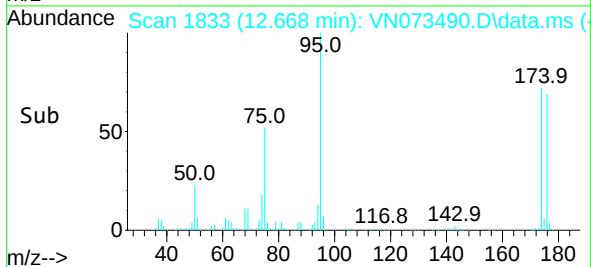
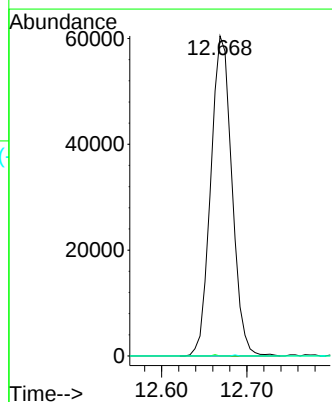
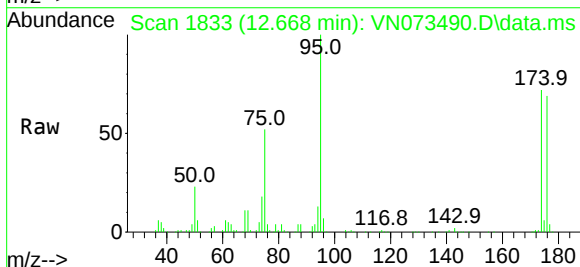
Instrument :
MSVOA_N
ClientSampleId :
VN0718MBL01

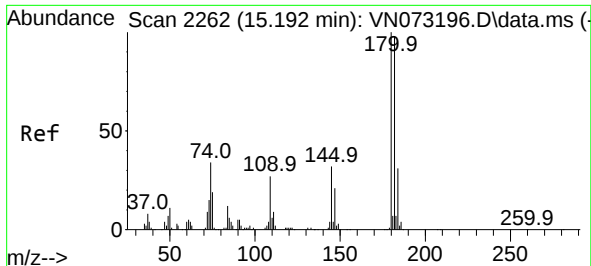
Tgt Ion: 75 Resp: 104545
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.595 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.105 min
Lab File: VN073490.D
Acq: 18 Jul 2022 11:23

Tgt Ion: 75 Resp: 104545
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#

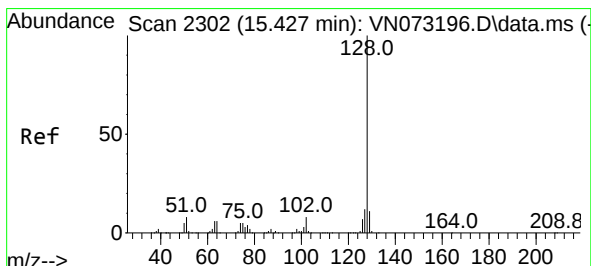
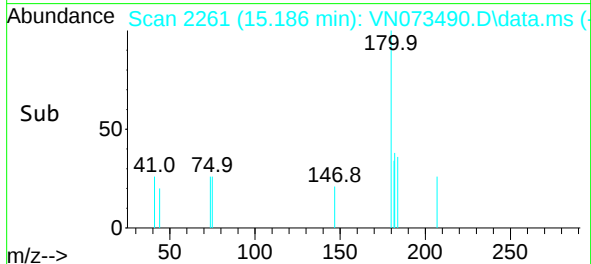
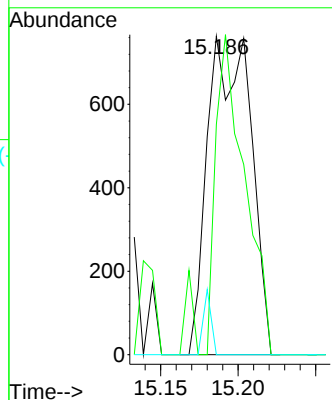
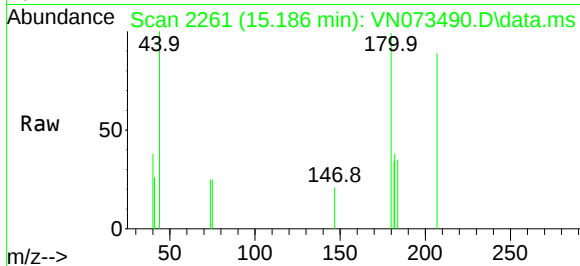




#93
1,2,4-Trichlorobenzene
Concen: 0.399 ug/l
RT: 15.186 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN073490.D
Acq: 18 Jul 2022 11:23

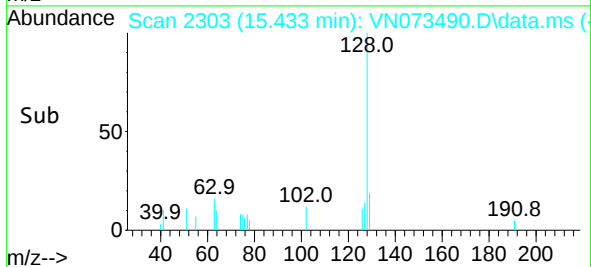
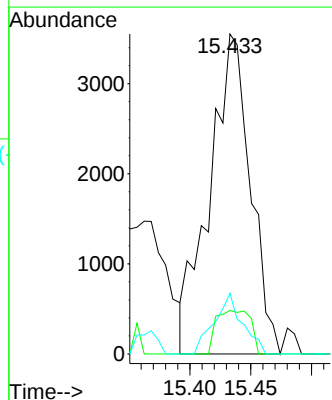
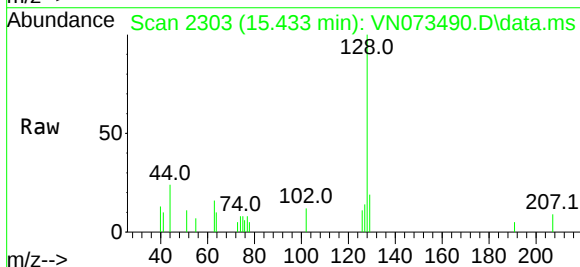
Instrument :
MSVOA_N
ClientSampleId :
VN0718MBL01

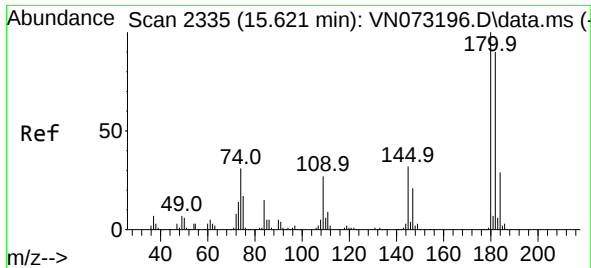
Tgt Ion:180 Resp: 1475
Ion Ratio Lower Upper
180 100
182 72.5 47.5 142.5
145 3.7 14.5 43.5#



#95
Naphthalene
Concen: 0.556 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN073490.D
Acq: 18 Jul 2022 11:23

Tgt Ion:128 Resp: 8303
Ion Ratio Lower Upper
128 100
127 11.3 10.3 15.5
129 13.1 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.460 ug/l
 RT: 15.621 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN073490.D
 Acq: 18 Jul 2022 11:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718MBL01

Tgt Ion:	180	Resp:	1755
Ion	Ratio	Lower	Upper
180	100		
182	77.8	47.8	143.3
145	29.9	15.5	46.5

