

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070722\
 Data File : VN073360.D
 Acq On : 07 Jul 2022 09:42
 Operator : JC\MD
 Sample : VN0707MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0707MBL01

Quant Time: Jul 07 15:02:19 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	295824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	488897	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	438916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	202164	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	184008	43.088	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.180%
35) Dibromofluoromethane	7.945	113	156686	48.171	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.340%
50) Toluene-d8	10.375	98	514163	44.507	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.020%
62) 4-Bromofluorobenzene	12.669	95	215564	48.555	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.120%

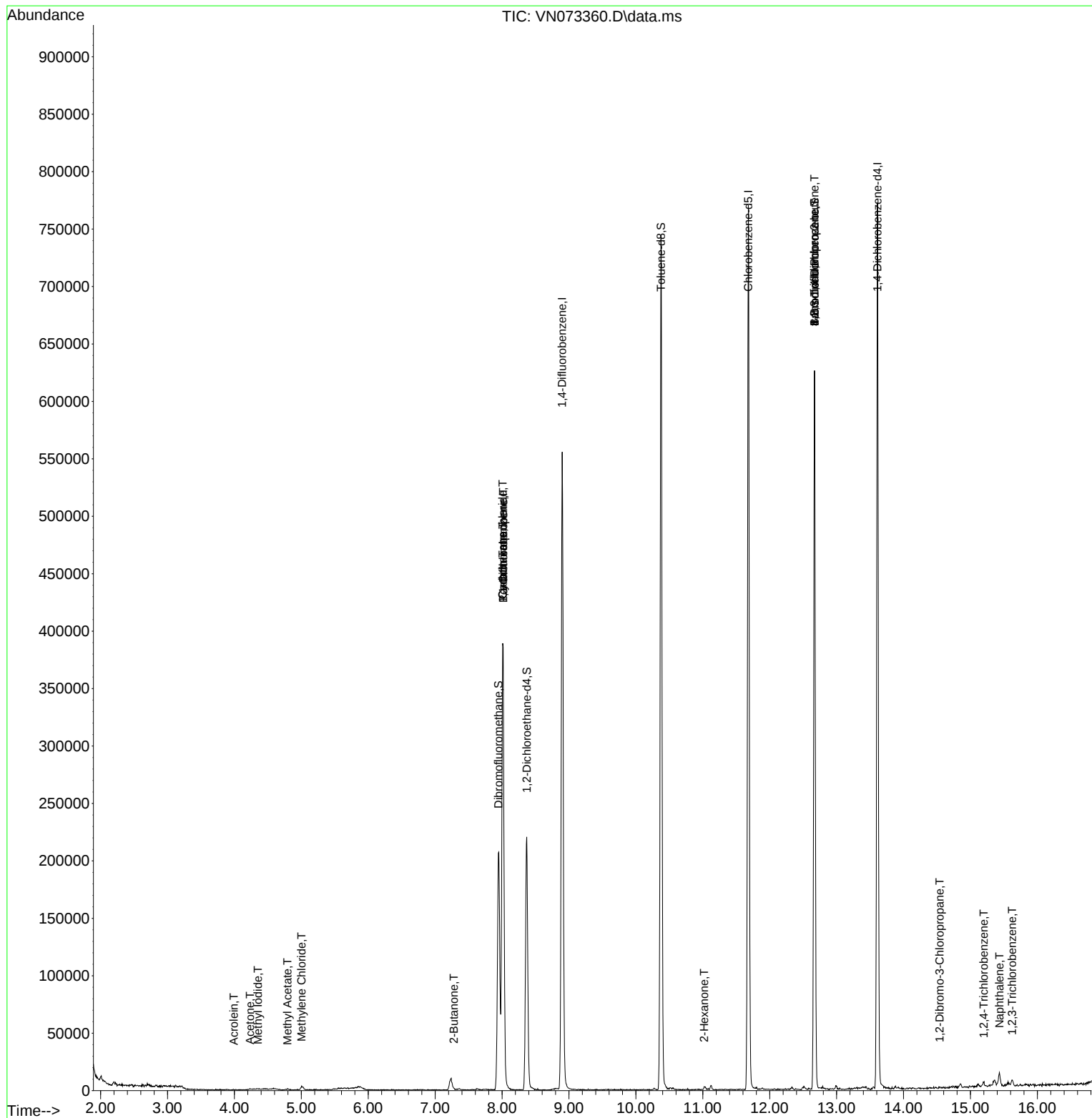
Target Compounds					Qvalue	
10) Methyl Iodide	4.351	142	53	3.747	ug/l #	1
13) Acrolein	3.993	56	220	0.336	ug/l #	16
16) Acetone	4.234	43	1034	0.431	ug/l	99
18) Methyl Acetate	4.793	43	1608	0.239	ug/l #	68
20) Methylene Chloride	5.004	84	1208	0.287	ug/l #	86
25) 2-Butanone	7.281	43	1303	0.341	ug/l #	45
31) Cyclohexane	8.010	56	6709	0.959	ug/l #	25
36) 1,1-Dichloropropene	8.016	75	24177	4.831	ug/l #	49
38) Carbon Tetrachloride	8.010	117	30716	5.935	ug/l #	15
59) 2-Hexanone	11.022	43	2436	0.464	ug/l	76
71) Bromoform	12.669	173	1817	0.680	ug/l #	1
76) 1,2,3-Trichloropropane	12.669	75	112577	21.296	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	112577	58.405	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	14.539	75	316	0.224	ug/l #	44
93) 1,2,4-Trichlorobenzene	15.198	180	1688	0.437	ug/l	94
95) Naphthalene	15.433	128	11738	0.753	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.621	180	2308	0.579	ug/l	98

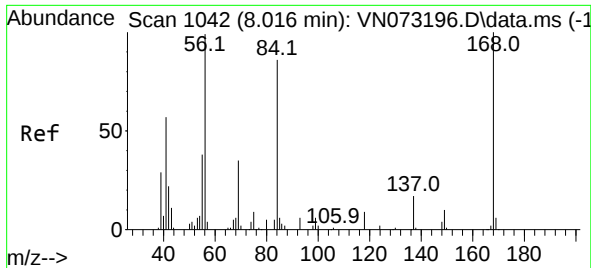
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070722\
Data File : VN073360.D
Acq On : 07 Jul 2022 09:42
Operator : JC\MD
Sample : VN0707MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0707MBL01

Quant Time: Jul 07 15:02:19 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

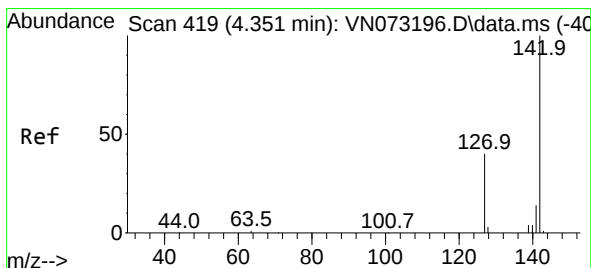
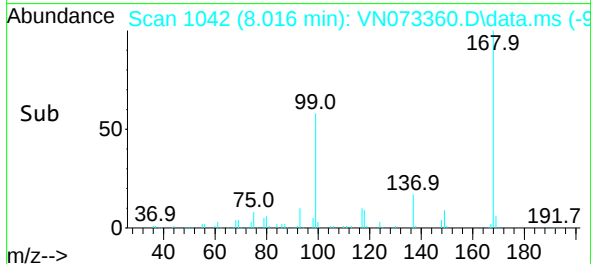
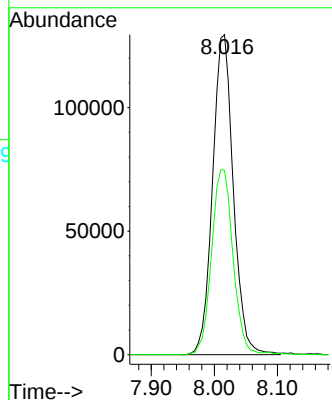
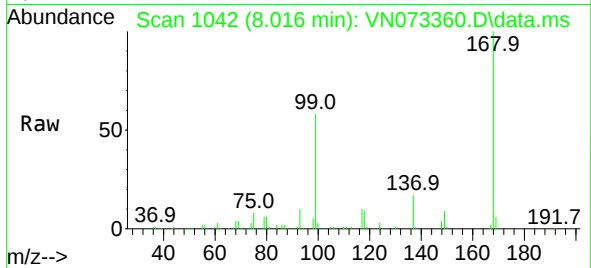




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073360.D
Acq: 07 Jul 2022 09:42

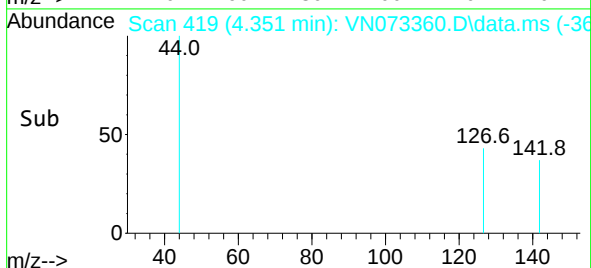
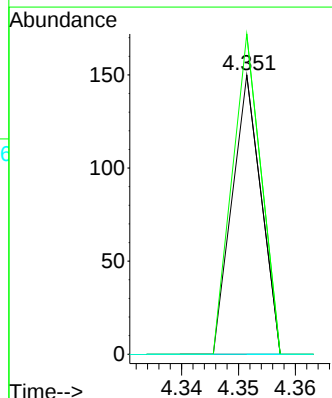
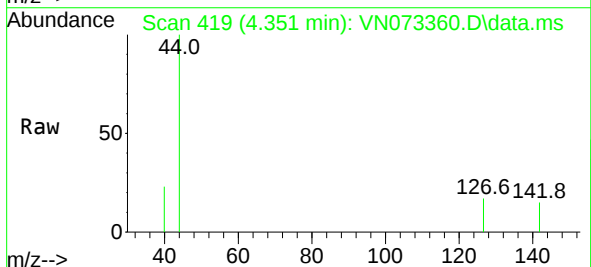
Instrument :
MSVOA_N
ClientSampleId :
VN0707MBL01

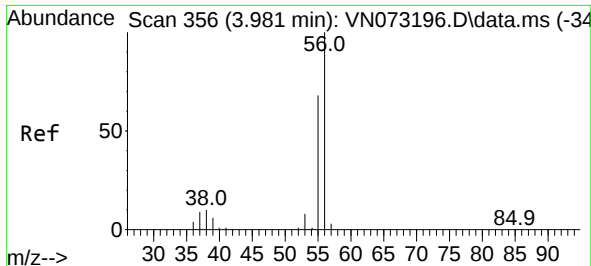
Tgt Ion:168 Resp: 295824
Ion Ratio Lower Upper
168 100
99 57.6 42.3 63.5



#10
Methyl Iodide
Concen: 3.747 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN073360.D
Acq: 07 Jul 2022 09:42

Tgt Ion:142 Resp: 53
Ion Ratio Lower Upper
142 100
127 115.1 31.3 46.9#
141 0.0 11.2 16.8#

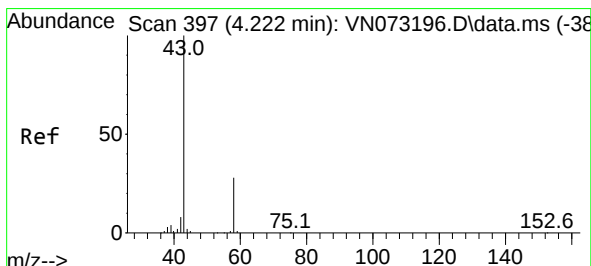
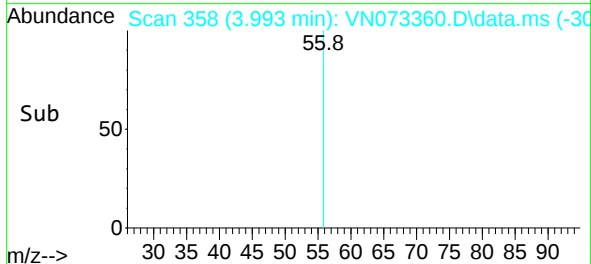
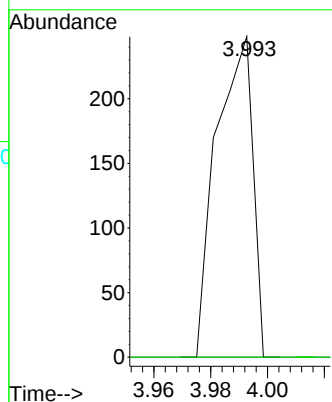
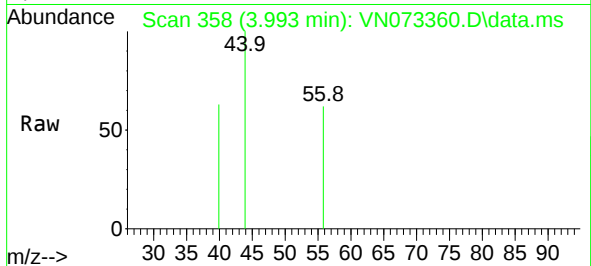




#13
Acrolein
Concen: 0.336 ug/l
RT: 3.993 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN073360.D
Acq: 07 Jul 2022 09:42

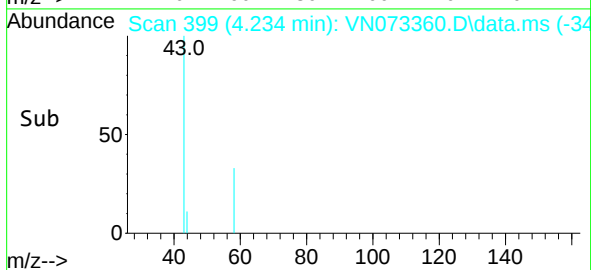
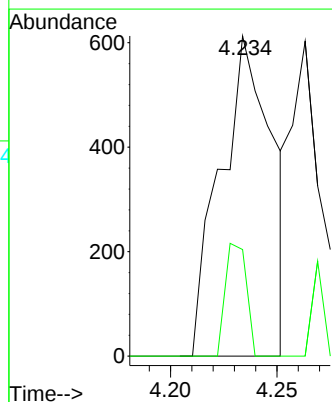
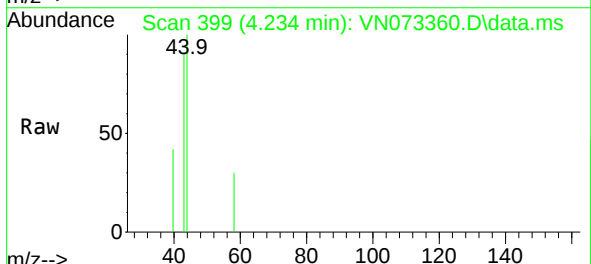
Instrument :
MSVOA_N
ClientSampleId :
VN0707MBL01

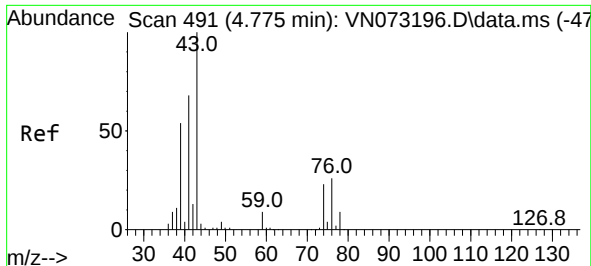
Tgt Ion: 56 Resp: 220
Ion Ratio Lower Upper
56 100
55 0.0 54.8 82.2#



#16
Acetone
Concen: 0.431 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN073360.D
Acq: 07 Jul 2022 09:42

Tgt Ion: 43 Resp: 1034
Ion Ratio Lower Upper
43 100
58 33.3 26.0 39.0

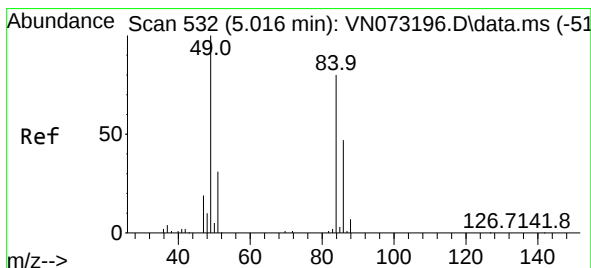
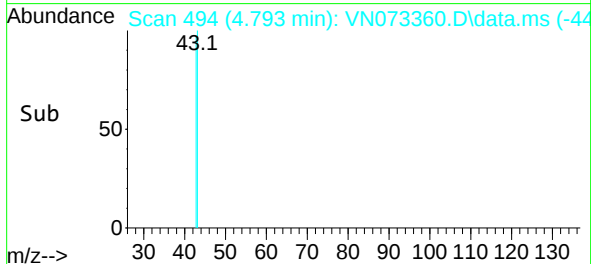
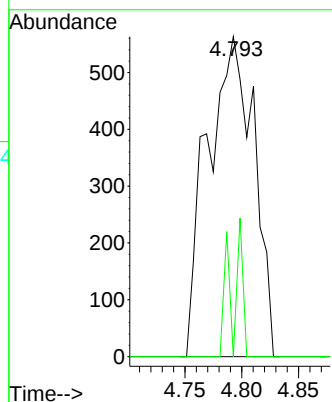
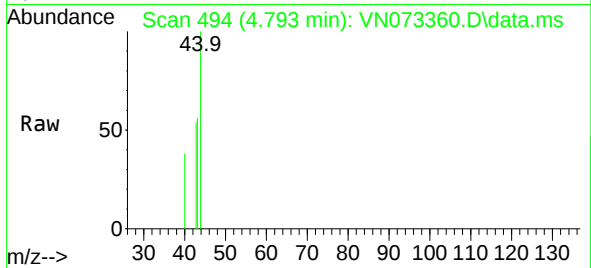




#18
Methyl Acetate
Concen: 0.239 ug/l
RT: 4.793 min Scan# 491
Delta R.T. 0.018 min
Lab File: VN073360.D
Acq: 07 Jul 2022 09:42

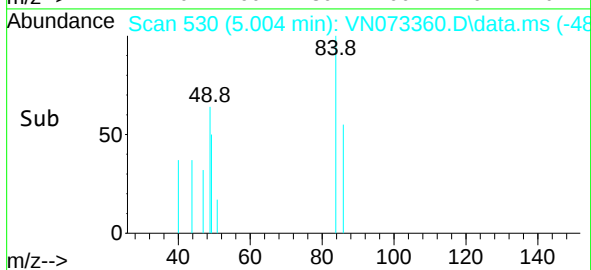
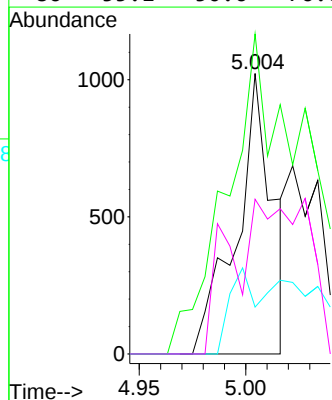
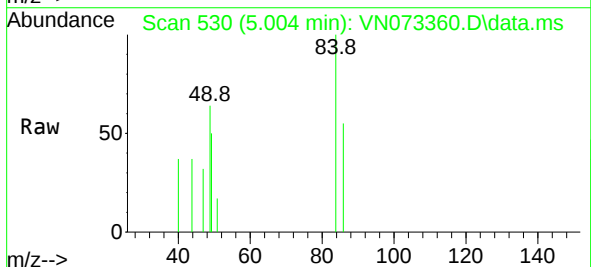
Instrument :
MSVOA_N
ClientSampleId :
VN0707MBL01

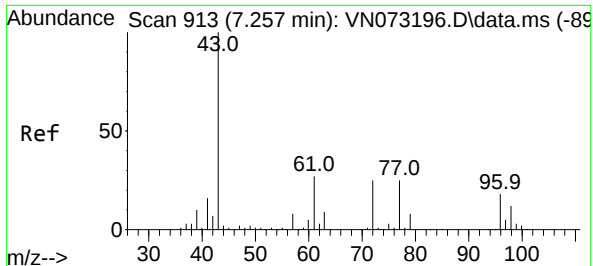
Tgt Ion: 43 Resp: 1608
Ion Ratio Lower Upper
43 100
74 10.2 21.6 32.4#



#20
Methylene Chloride
Concen: 0.287 ug/l
RT: 5.004 min Scan# 530
Delta R.T. -0.012 min
Lab File: VN073360.D
Acq: 07 Jul 2022 09:42

Tgt Ion: 84 Resp: 1208
Ion Ratio Lower Upper
84 100
49 98.9 88.3 132.5
51 16.7 28.2 42.2#
86 55.1 50.6 76.0

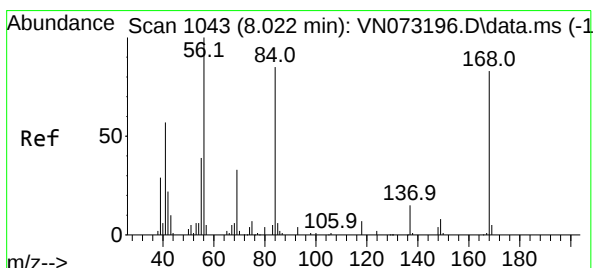
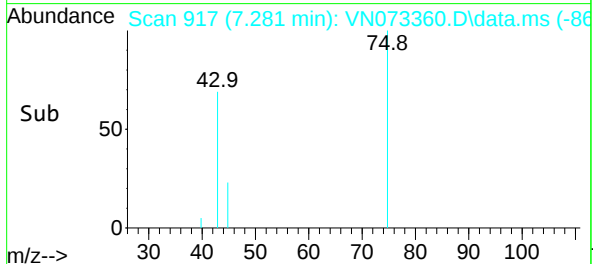
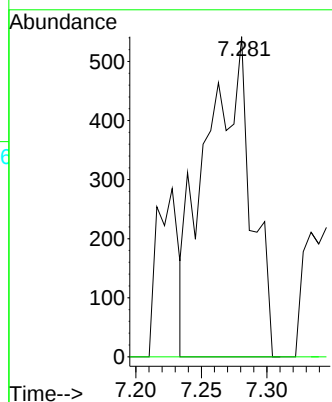
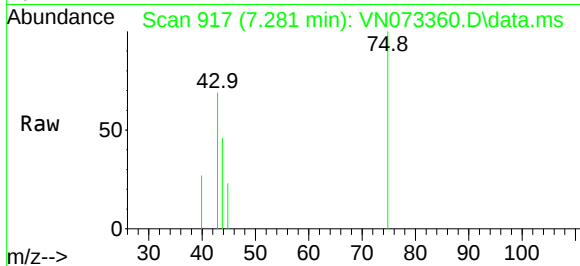




#25
2-Butanone
Concen: 0.341 ug/l
RT: 7.281 min Scan# 913
Delta R.T. 0.024 min
Lab File: VN073360.D
Acq: 07 Jul 2022 09:42

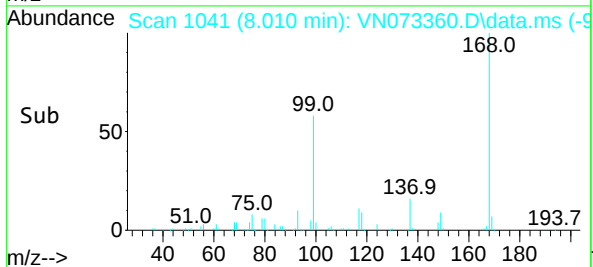
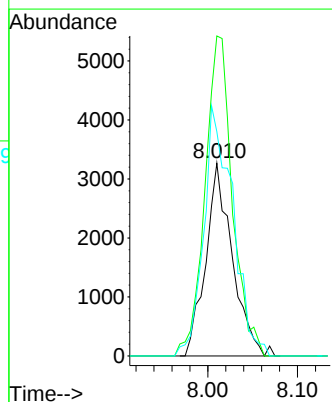
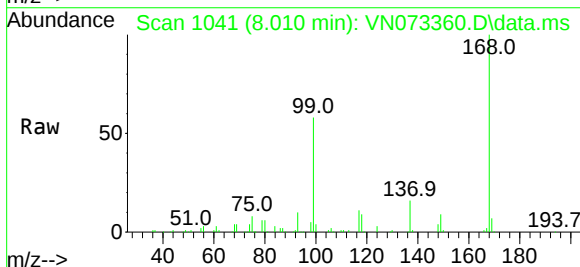
Instrument :
MSVOA_N
ClientSampleId :
VN0707MBL01

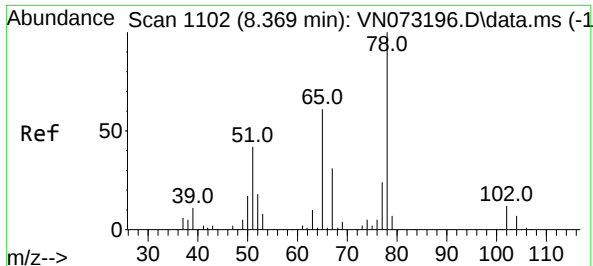
Tgt Ion: 43 Resp: 1303
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 0.959 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.012 min
Lab File: VN073360.D
Acq: 07 Jul 2022 09:42

Tgt Ion: 56 Resp: 6709
Ion Ratio Lower Upper
56 100
69 166.0 27.8 41.8#
84 116.4 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 43.088 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073360.D

Acq: 07 Jul 2022 09:42

Instrument :

MSVOA_N

ClientSampleId :

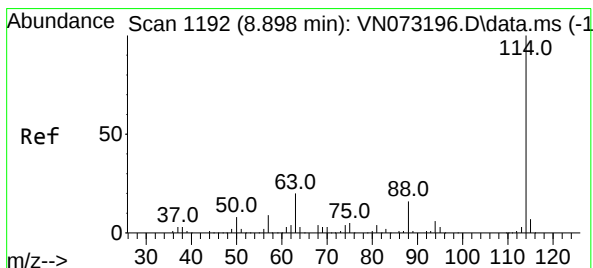
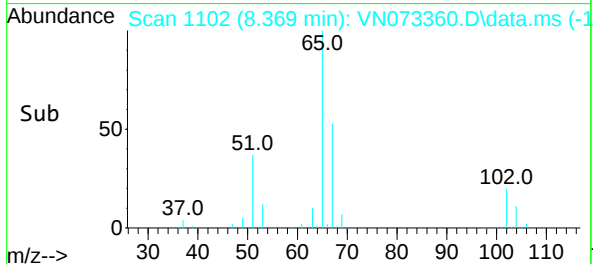
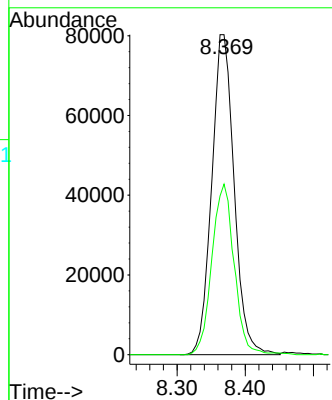
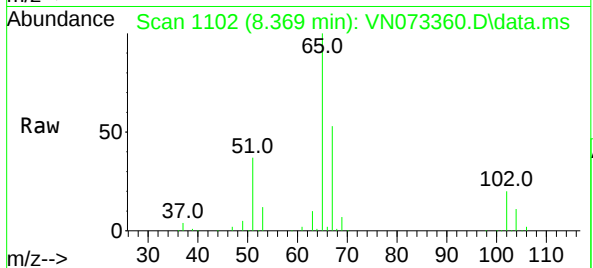
VN0707MBL01

Tgt Ion: 65 Resp: 184008

Ion Ratio Lower Upper

65 100

67 53.0 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: VN073360.D

Acq: 07 Jul 2022 09:42

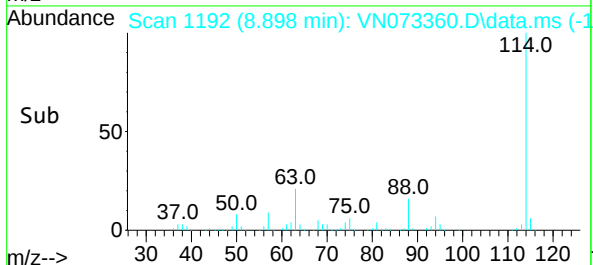
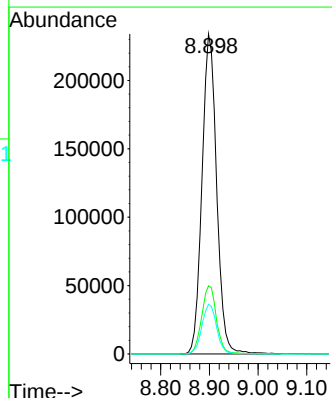
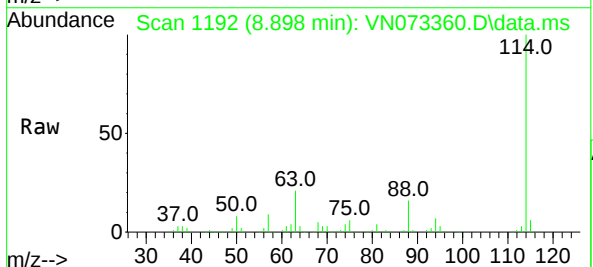
Tgt Ion: 114 Resp: 488897

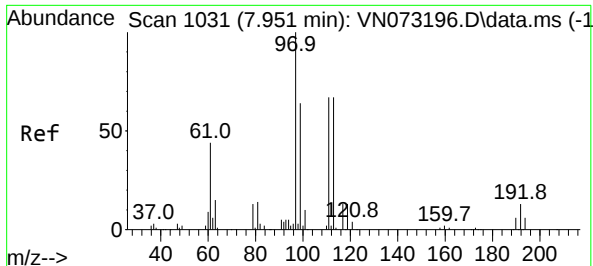
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.0

88 15.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.171 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN073360.D

Acq: 07 Jul 2022 09:42

Instrument :

MSVOA_N

ClientSampleId :

VN0707MBL01

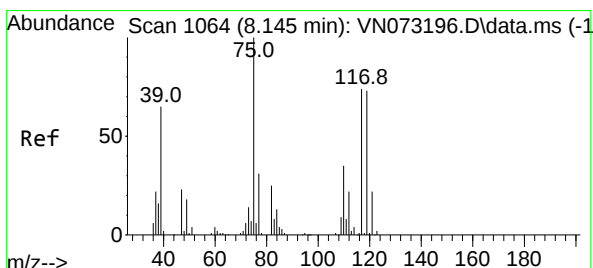
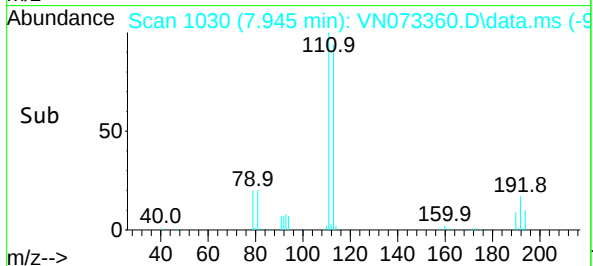
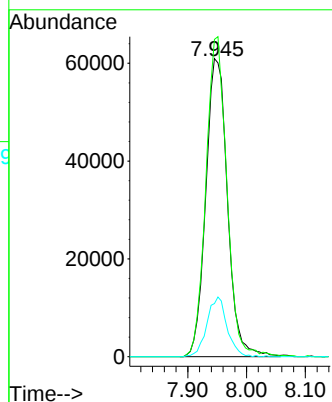
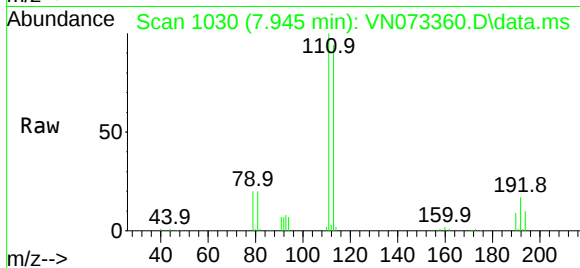
Tgt Ion:113 Resp: 156686

Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.0

192 18.6 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.831 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073360.D

Acq: 07 Jul 2022 09:42

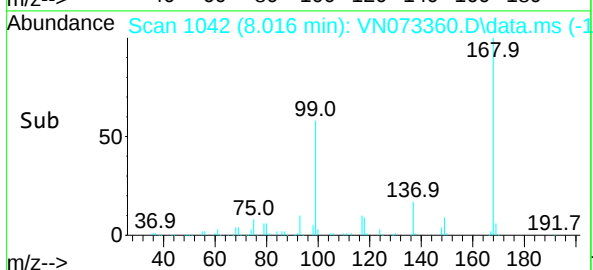
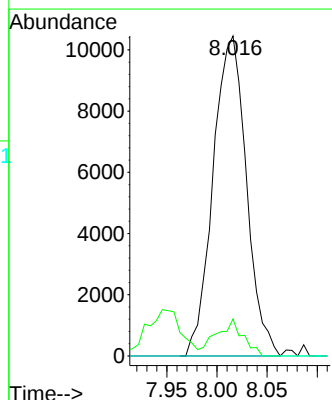
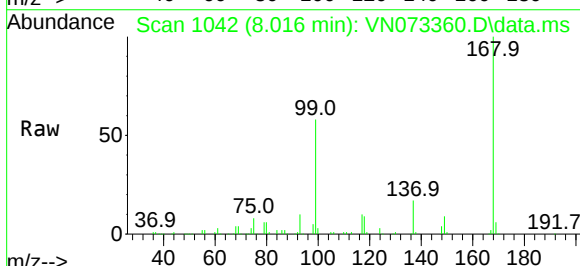
Tgt Ion: 75 Resp: 24177

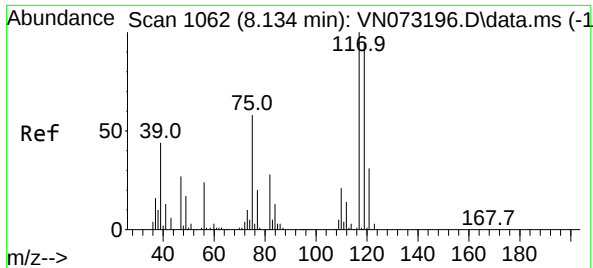
Ion Ratio Lower Upper

75 100

110 9.2 18.3 54.8#

77 0.0 25.1 37.7#

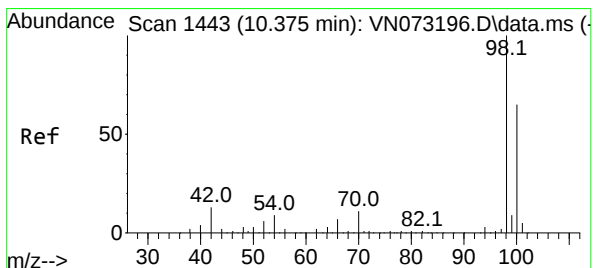
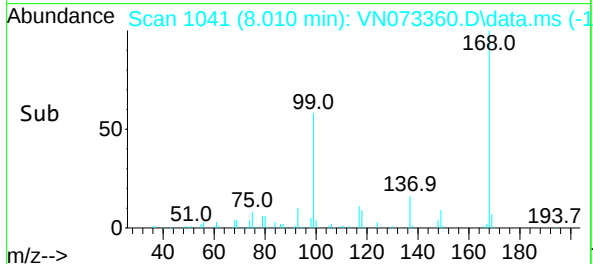
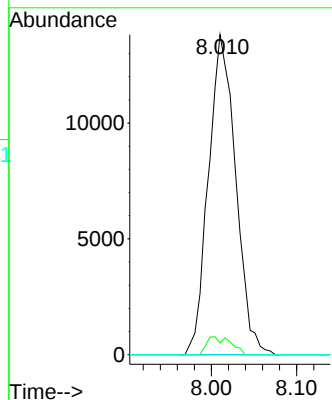
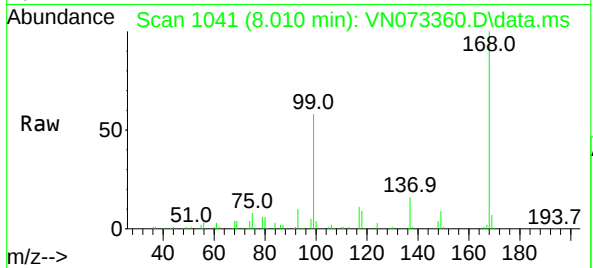




#38
Carbon Tetrachloride
Concen: 5.935 ug/l
RT: 8.010 min Scan# 1062
Delta R.T. -0.124 min
Lab File: VN073360.D
Acq: 07 Jul 2022 09:42

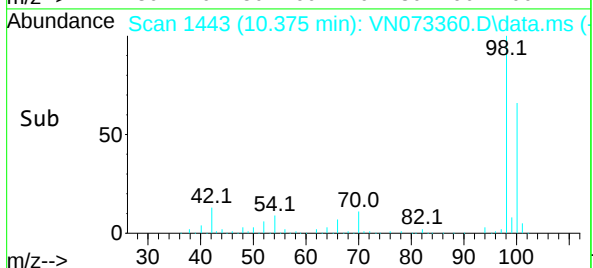
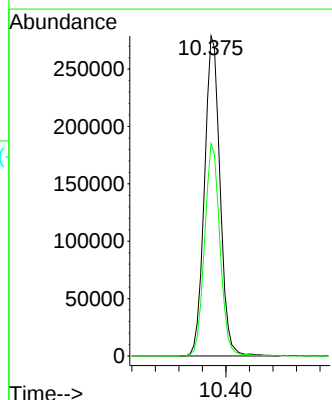
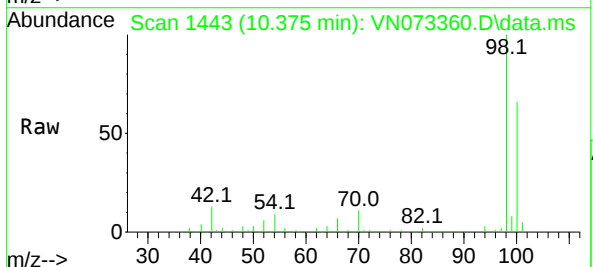
Instrument :
MSVOA_N
ClientSampleId :
VN0707MBL01

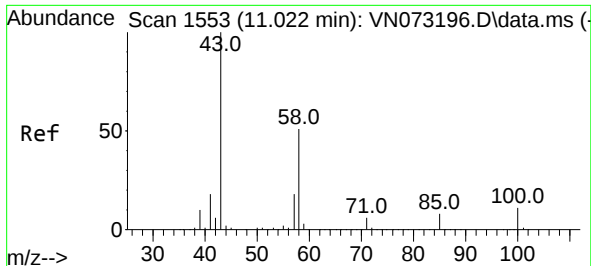
Tgt Ion:117 Resp: 30716
Ion Ratio Lower Upper
117 100
119 3.7 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 44.507 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073360.D
Acq: 07 Jul 2022 09:42

Tgt Ion: 98 Resp: 514163
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8

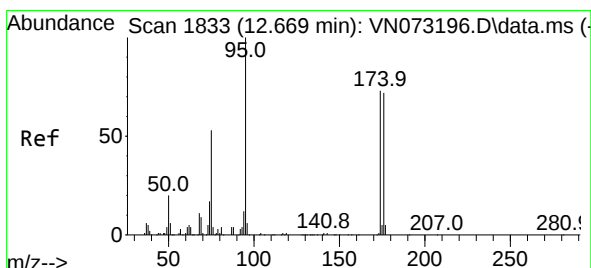
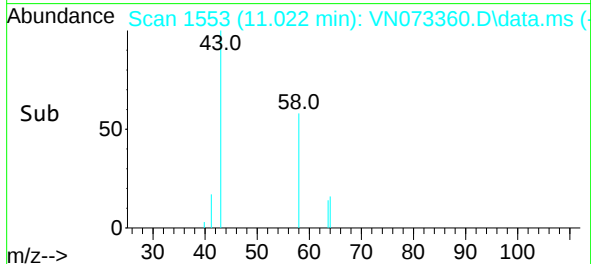
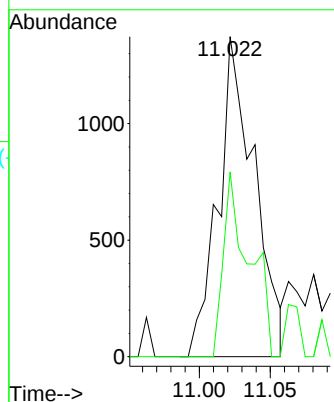
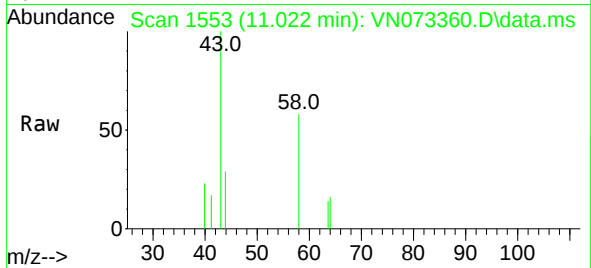




#59
2-Hexanone
Concen: 0.464 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. -0.000 min
Lab File: VN073360.D
Acq: 07 Jul 2022 09:42

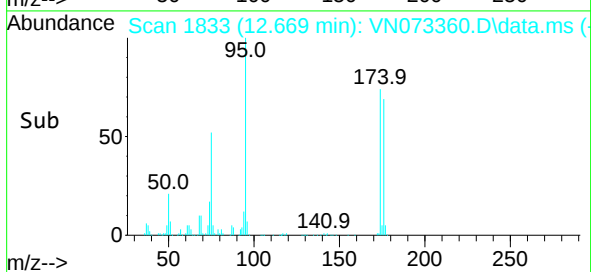
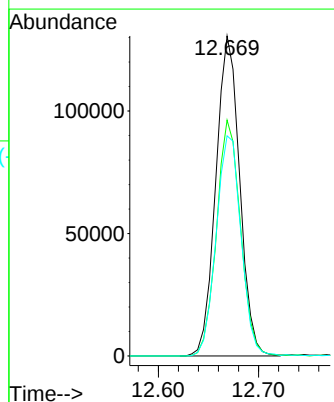
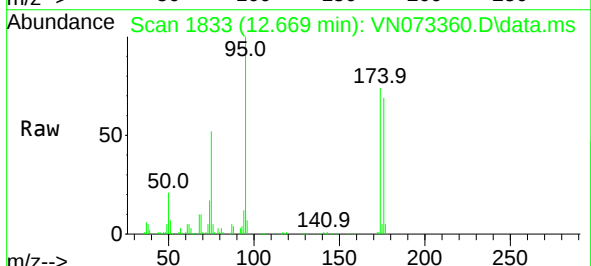
Instrument :
MSVOA_N
ClientSampleId :
VN0707MBL01

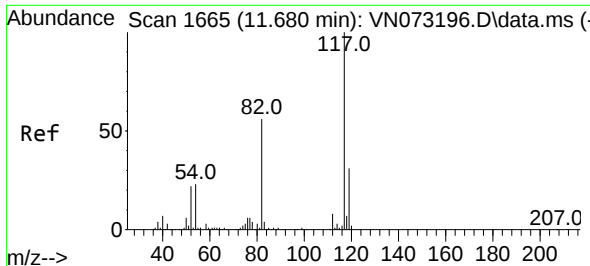
Tgt Ion: 43 Resp: 2436
Ion Ratio Lower Upper
43 100
58 41.4 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 48.555 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073360.D
Acq: 07 Jul 2022 09:42

Tgt Ion: 95 Resp: 215564
Ion Ratio Lower Upper
95 100
174 74.2 0.0 167.6
176 72.1 0.0 163.4

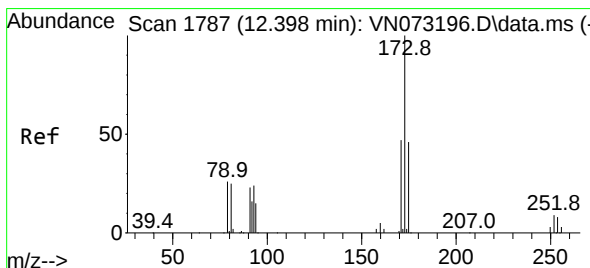
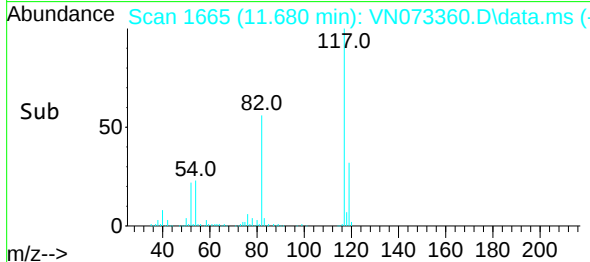
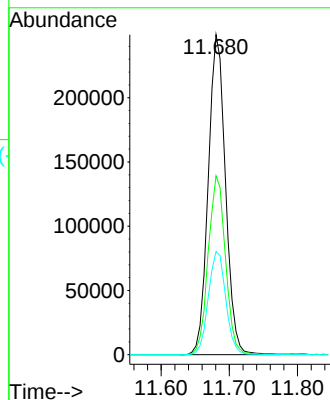
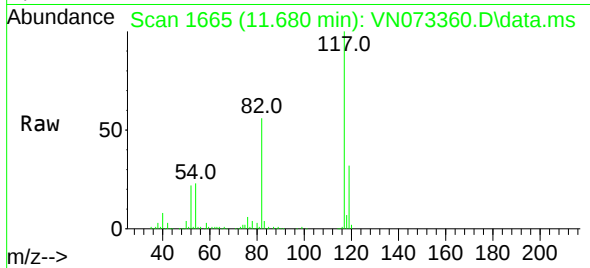




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073360.D
Acq: 07 Jul 2022 09:42

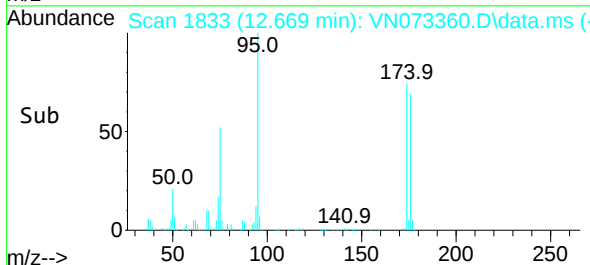
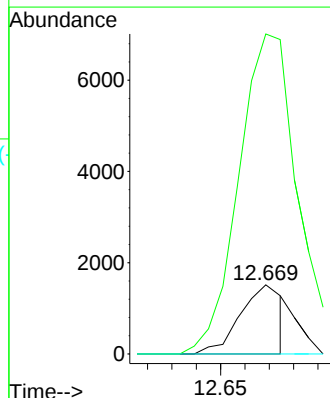
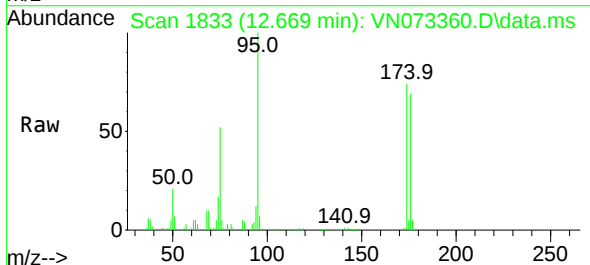
Instrument :
MSVOA_N
ClientSampleId :
VN0707MBL01

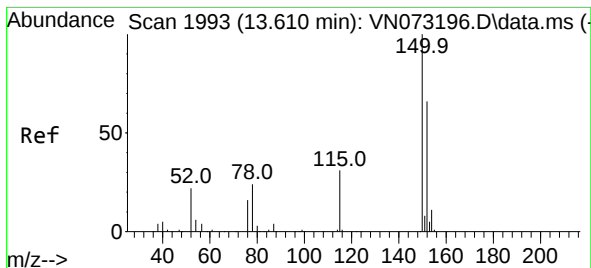
Tgt Ion:117 Resp: 438916
Ion Ratio Lower Upper
117 100
82 55.9 44.2 66.2
119 32.3 25.4 38.0



#71
Bromoform
Concen: 0.680 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN073360.D
Acq: 07 Jul 2022 09:42

Tgt Ion:173 Resp: 1817
Ion Ratio Lower Upper
173 100
175 500.2 24.6 73.6#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VN073360.D

Acq: 07 Jul 2022 09:42

Instrument :

MSVOA_N

ClientSampleId :

VN0707MBL01

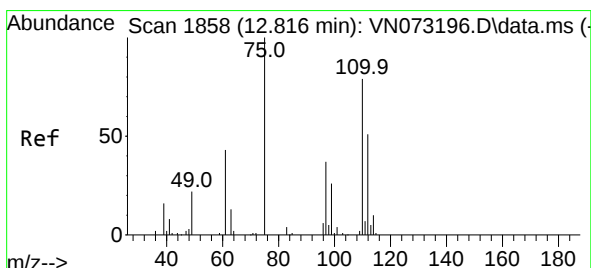
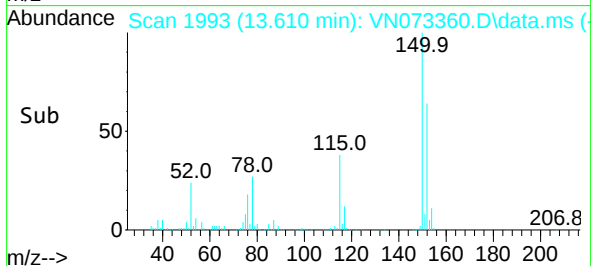
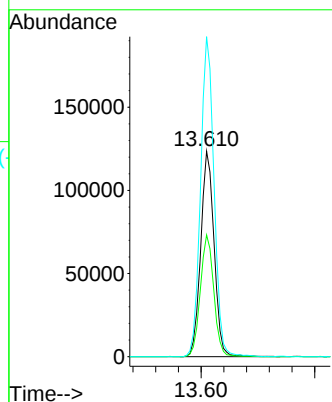
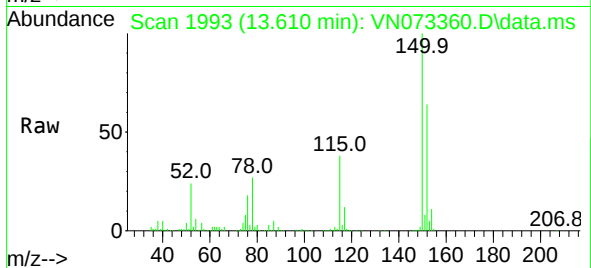
Tgt Ion:152 Resp: 202164

Ion Ratio Lower Upper

152 100

115 59.7 28.9 86.7

150 156.7 0.0 356.2



#76

1,2,3-Trichloropropane

Concen: 21.296 ug/l

RT: 12.669 min Scan# 1833

Delta R.T. -0.147 min

Lab File: VN073360.D

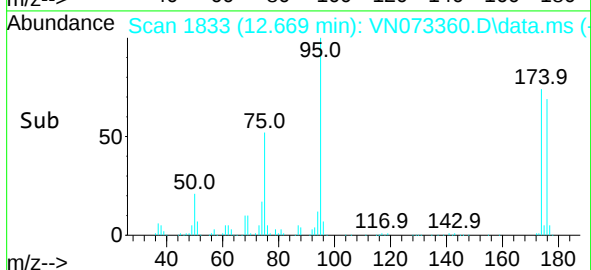
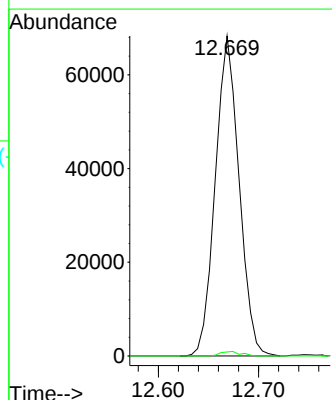
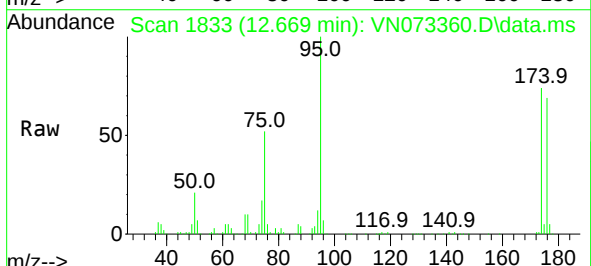
Acq: 07 Jul 2022 09:42

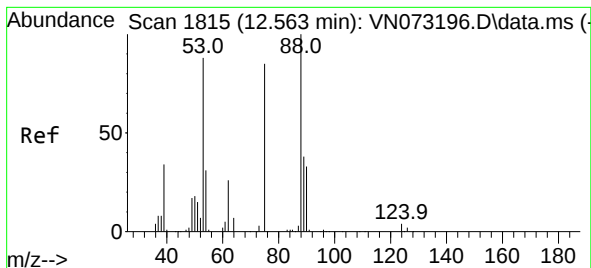
Tgt Ion: 75 Resp: 112577

Ion Ratio Lower Upper

75 100

77 1.2 98.5 295.5#

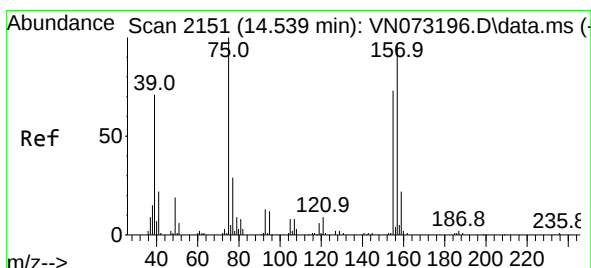
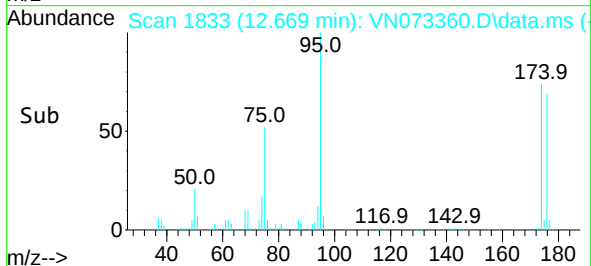
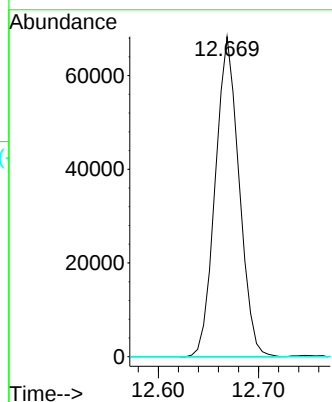
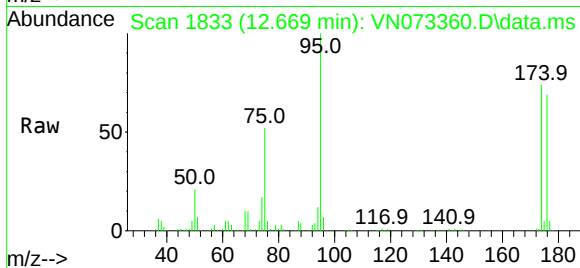




#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.405 ug/l
 RT: 12.669 min Scan# 1833
 Delta R.T. 0.106 min
 Lab File: VN073360.D
 Acq: 07 Jul 2022 09:42

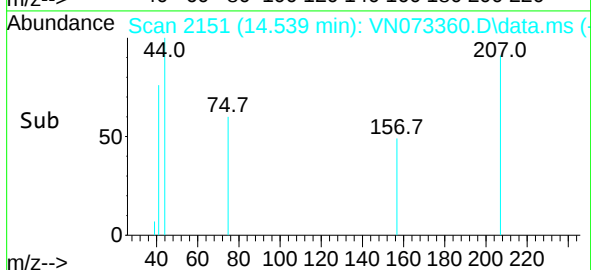
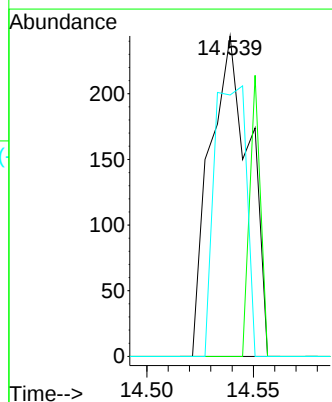
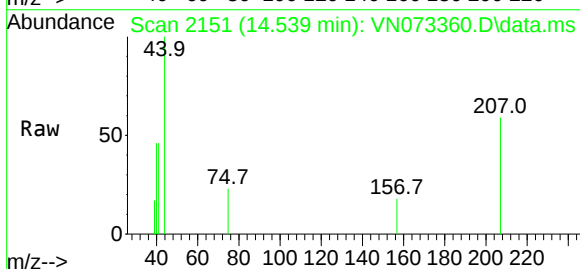
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0707MBL01

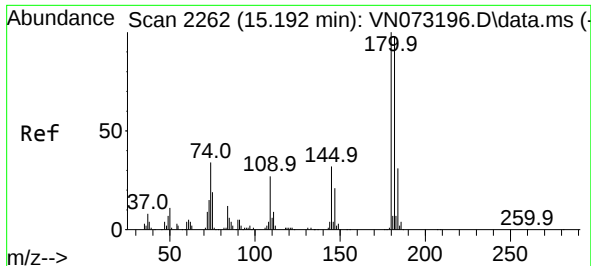
Tgt Ion: 75 Resp: 112577
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.224 ug/l
 RT: 14.539 min Scan# 2151
 Delta R.T. 0.000 min
 Lab File: VN073360.D
 Acq: 07 Jul 2022 09:42

Tgt Ion: 75 Resp: 316
 Ion Ratio Lower Upper
 75 100
 155 23.7 44.9 134.5#
 157 67.7 59.0 176.8

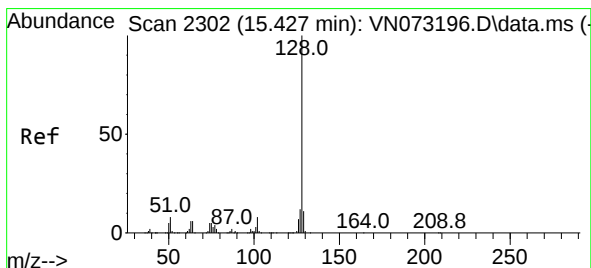
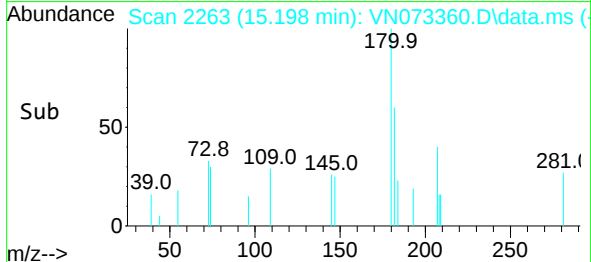
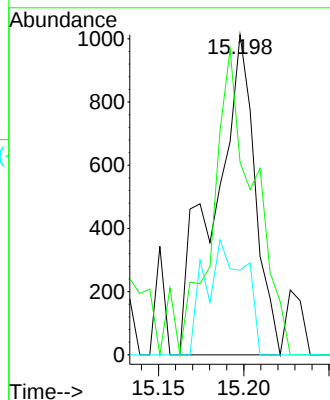
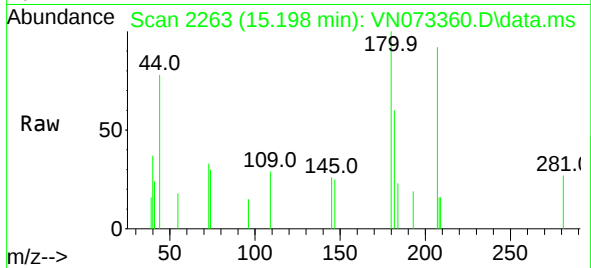




#93
1,2,4-Trichlorobenzene
Concen: 0.437 ug/l
RT: 15.198 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073360.D
Acq: 07 Jul 2022 09:42

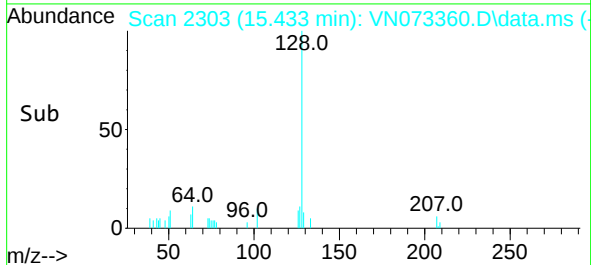
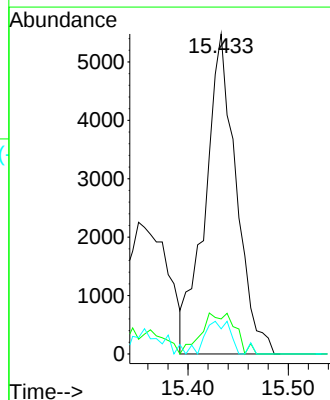
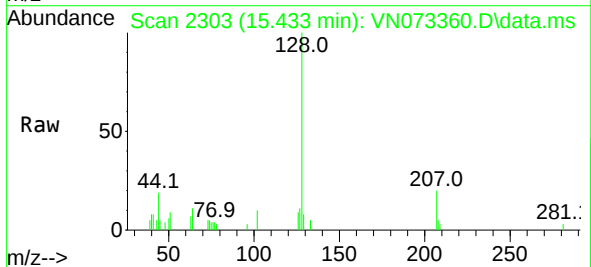
Instrument :
MSVOA_N
ClientSampleId :
VN0707MBL01

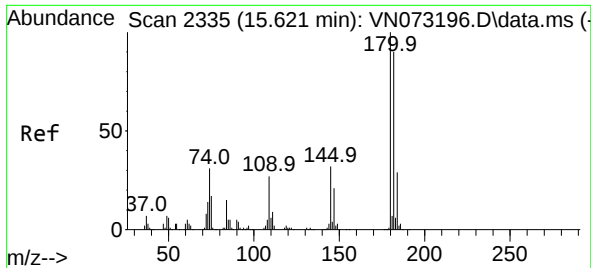
Tgt Ion:180 Resp: 1688
Ion Ratio Lower Upper
180 100
182 99.8 47.5 142.5
145 34.7 14.5 43.5



#95
Naphthalene
Concen: 0.753 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN073360.D
Acq: 07 Jul 2022 09:42

Tgt Ion:128 Resp: 11738
Ion Ratio Lower Upper
128 100
127 14.1 10.3 15.5
129 8.3 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.579 ug/l
 RT: 15.621 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN073360.D
 Acq: 07 Jul 2022 09:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0707MBL01

Tgt Ion:	180	Resp:	2308
Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.8	143.3
145	26.6	15.5	46.5

