

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071122\
 Data File : VN073410.D
 Acq On : 11 Jul 2022 11:08
 Operator : JC\MD
 Sample : VN0711WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0711WBL01

Quant Time: Jul 12 07:23:45 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	313043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	520355	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	472075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	222226	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	216735	47.960	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.920%
35) Dibromofluoromethane	7.951	113	178589	51.586	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.180%
50) Toluene-d8	10.380	98	586030	47.661	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.320%
62) 4-Bromofluorobenzene	12.669	95	244642	51.773	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.540%

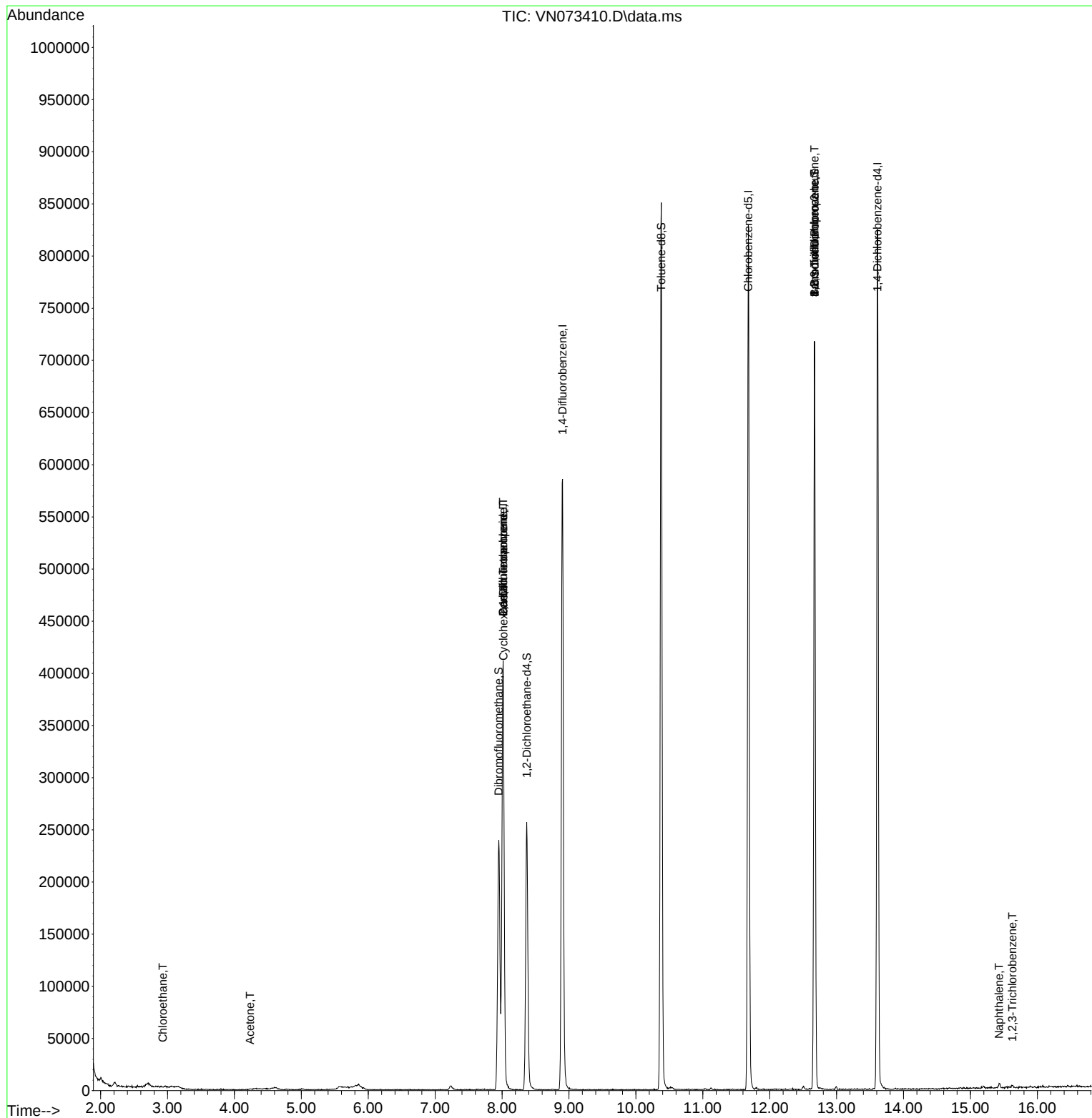
Target Compounds					Qvalue	
6) Chloroethane	2.928	64	528	0.238	ug/l #	42
16) Acetone	4.234	43	780	0.307	ug/l #	42
31) Cyclohexane	8.022	56	7402	1.000	ug/l #	38
36) 1,1-Dichloropropene	8.016	75	25530	4.793	ug/l #	50
38) Carbon Tetrachloride	8.016	117	32033	5.815	ug/l #	16
71) Bromoform	12.669	173	1617	0.563	ug/l #	1
76) 1,2,3-Trichloropropane	12.669	75	129641	22.311	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	129641	61.186	ug/l #	10
95) Naphthalene	15.427	128	4465	0.261	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.627	180	935	0.213	ug/l	75

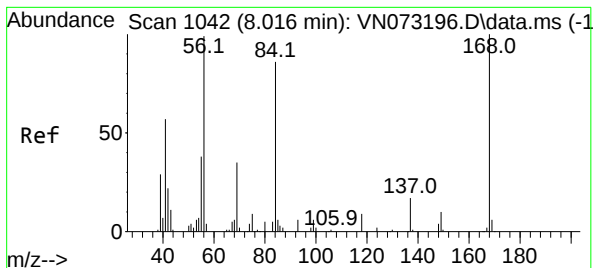
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071122\
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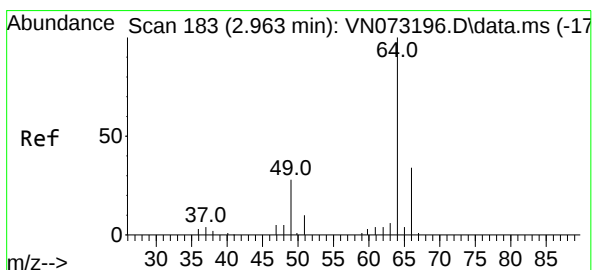
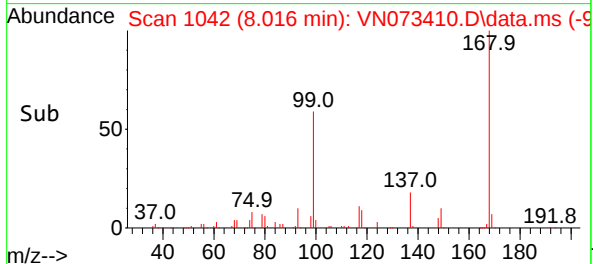
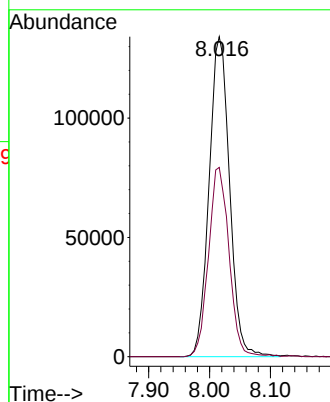
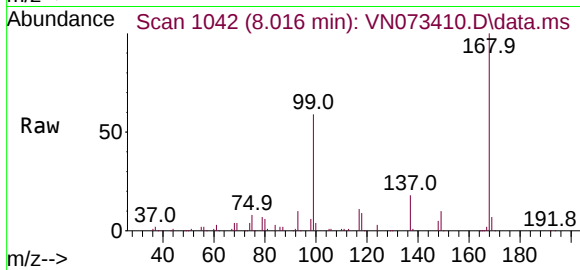




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073410.D
Acq: 11 Jul 2022 11:08

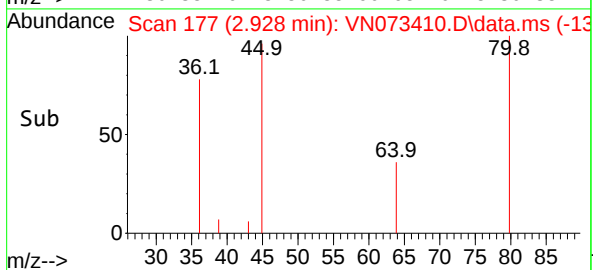
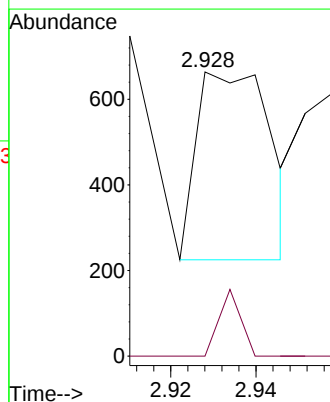
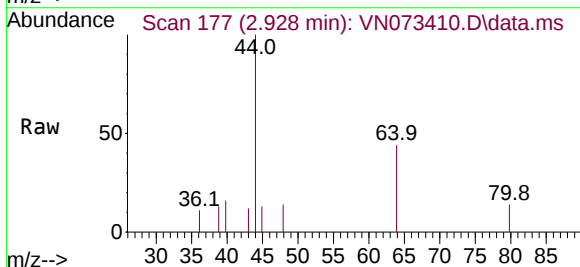
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBL01

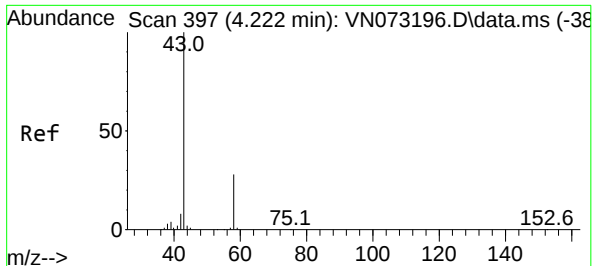
Tgt Ion:168 Resp: 313043
Ion Ratio Lower Upper
168 100
99 59.1 42.3 63.5



#6
Chloroethane
Concen: 0.238 ug/l
RT: 2.928 min Scan# 177
Delta R.T. -0.035 min
Lab File: VN073410.D
Acq: 11 Jul 2022 11:08

Tgt Ion: 64 Resp: 528
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

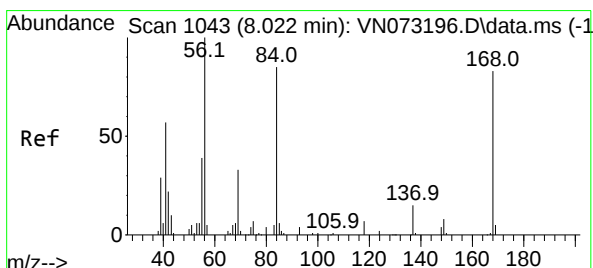
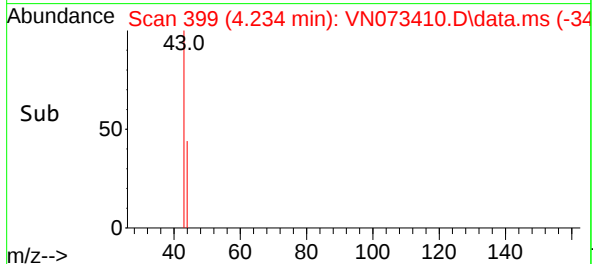
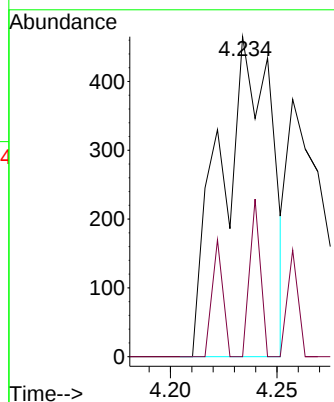
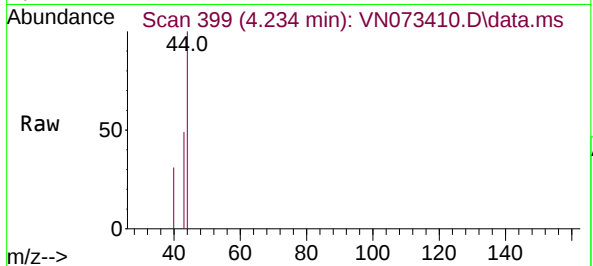




#16
Acetone
Concen: 0.307 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN073410.D
Acq: 11 Jul 2022 11:08

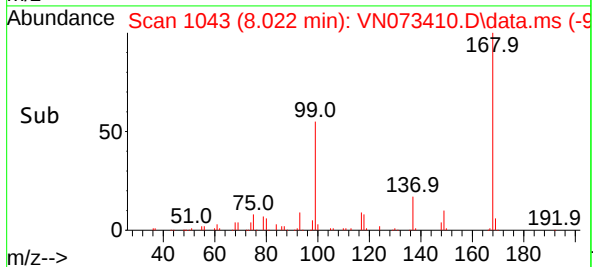
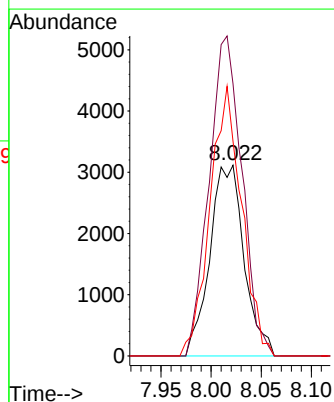
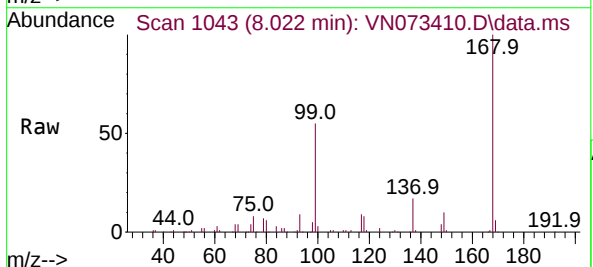
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBL01

Tgt Ion: 43 Resp: 780
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#31
Cyclohexane
Concen: 1.000 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073410.D
Acq: 11 Jul 2022 11:08

Tgt Ion: 56 Resp: 7402
Ion Ratio Lower Upper
56 100
69 142.8 27.8 41.8#
84 112.6 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 47.960 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073410.D

Acq: 11 Jul 2022 11:08

Instrument :

MSVOA_N

ClientSampleId :

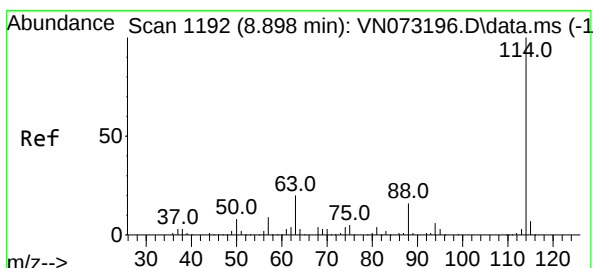
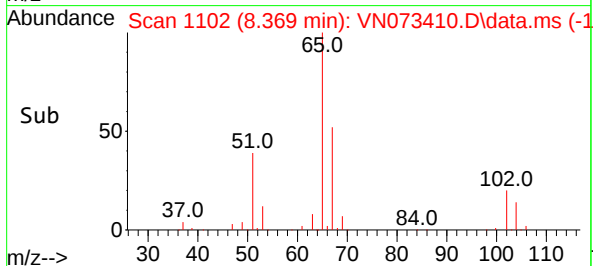
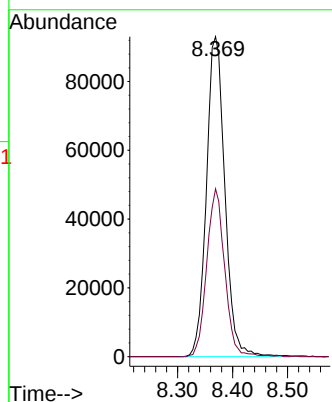
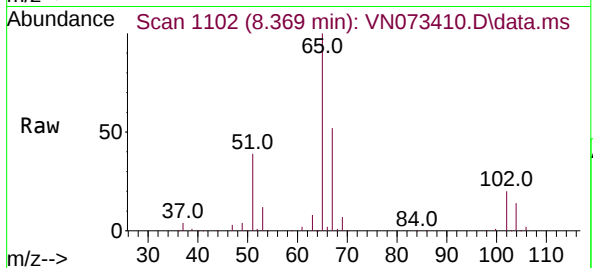
VN0711WBL01

Tgt Ion: 65 Resp: 216735

Ion Ratio Lower Upper

65 100

67 50.9 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: VN073410.D

Acq: 11 Jul 2022 11:08

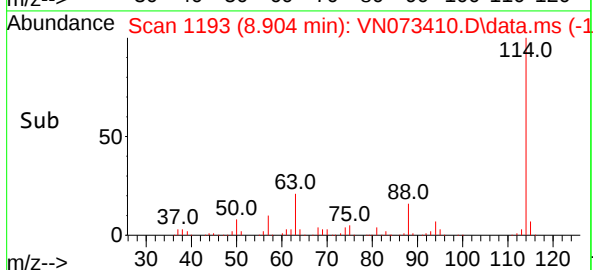
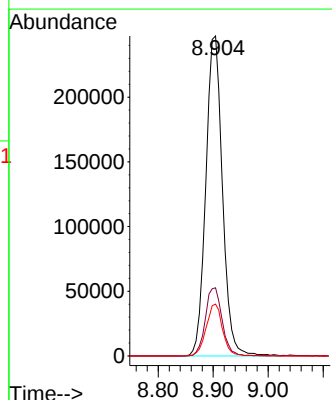
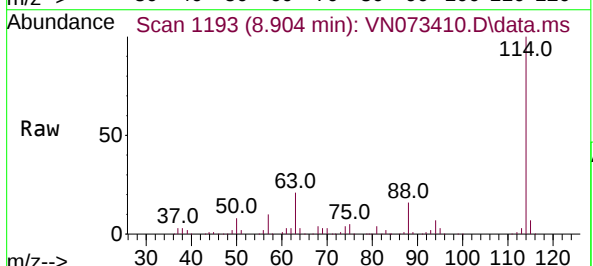
Tgt Ion: 114 Resp: 520355

Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.0

88 16.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.586 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073410.D

Acq: 11 Jul 2022 11:08

Instrument :

MSVOA_N

ClientSampleId :

VN0711WBL01

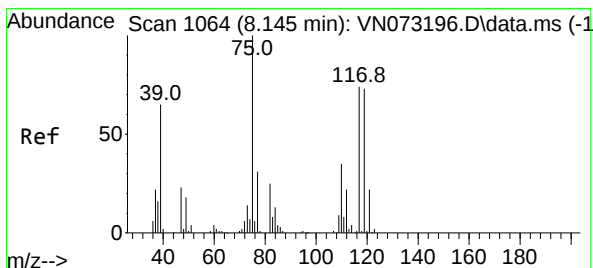
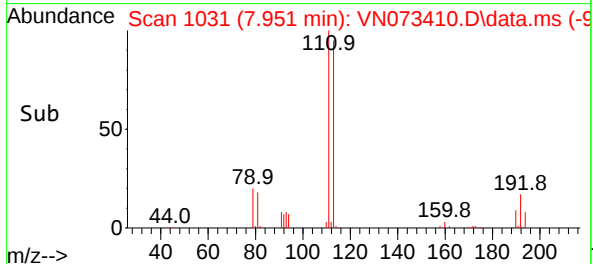
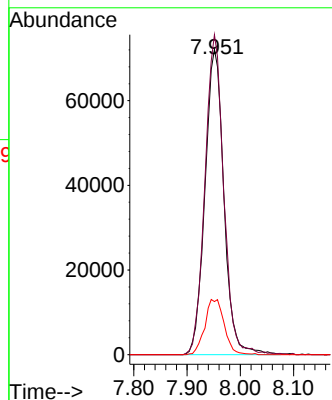
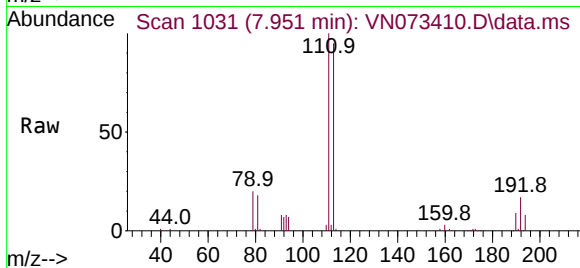
Tgt Ion:113 Resp: 178589

Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

192 18.5 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.793 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073410.D

Acq: 11 Jul 2022 11:08

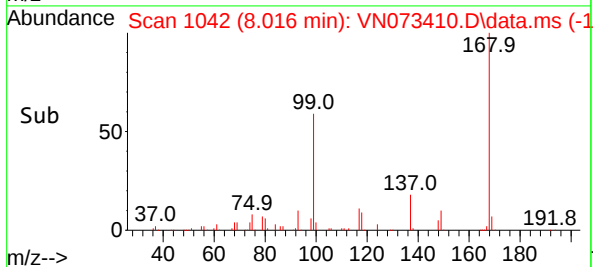
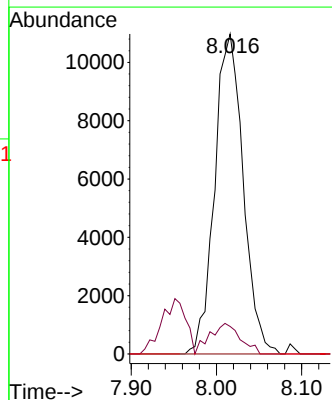
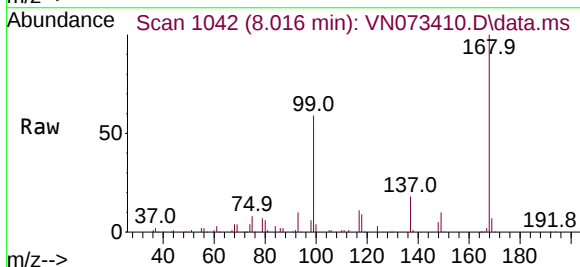
Tgt Ion: 75 Resp: 25530

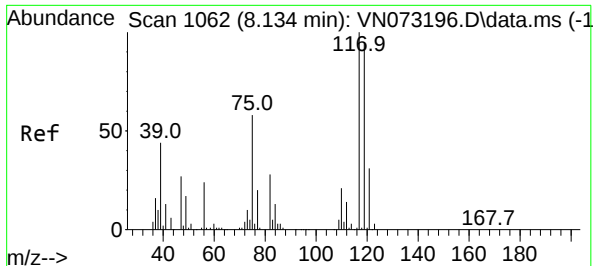
Ion Ratio Lower Upper

75 100

110 10.2 18.3 54.8#

77 0.0 25.1 37.7#

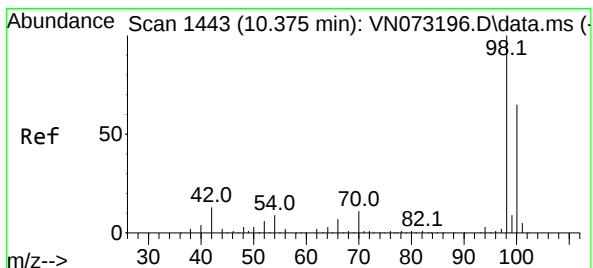
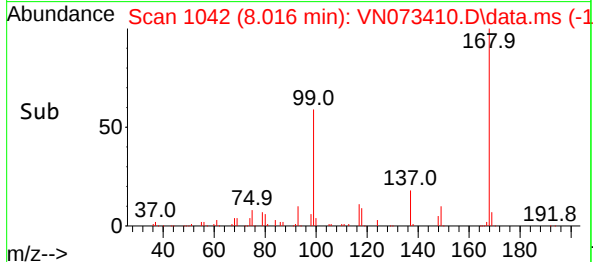
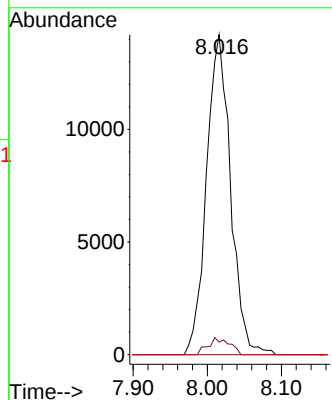
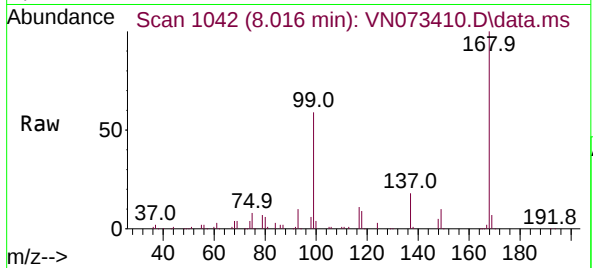




#38
Carbon Tetrachloride
Concen: 5.815 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN073410.D
Acq: 11 Jul 2022 11:08

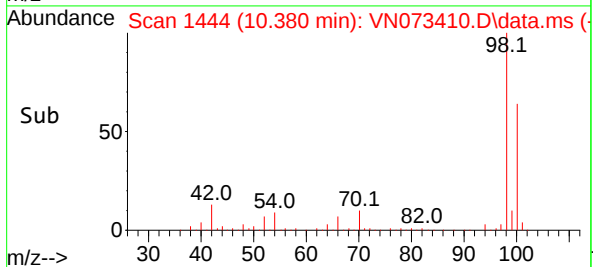
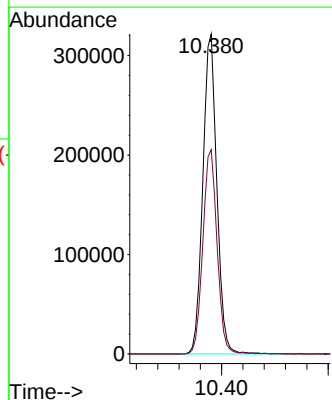
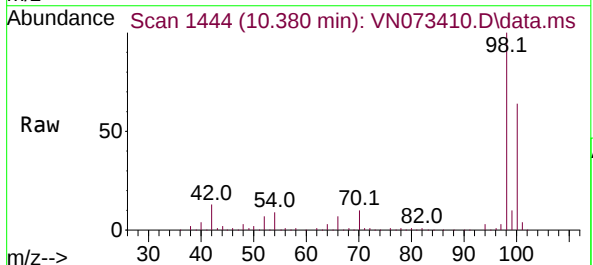
Instrument :
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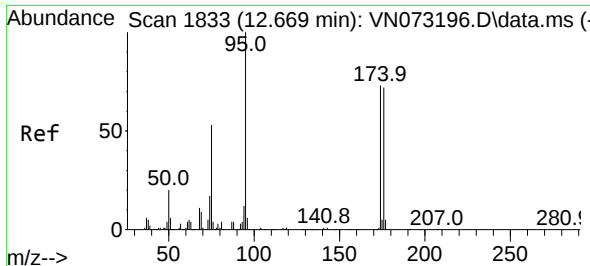
Tgt Ion:117 Resp: 32033
Ion Ratio Lower Upper
117 100
119 4.0 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 47.661 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073410.D
Acq: 11 Jul 2022 11:08

Tgt Ion: 98 Resp: 586030
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8

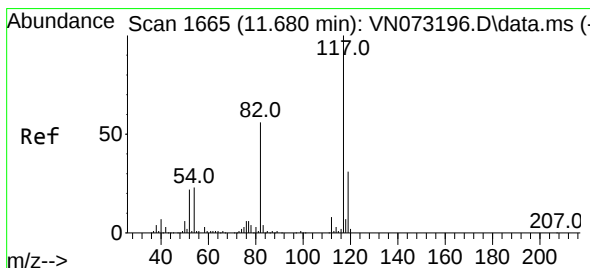
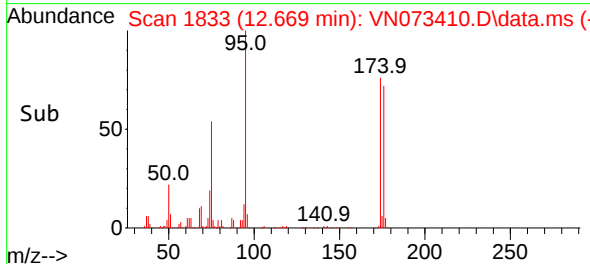
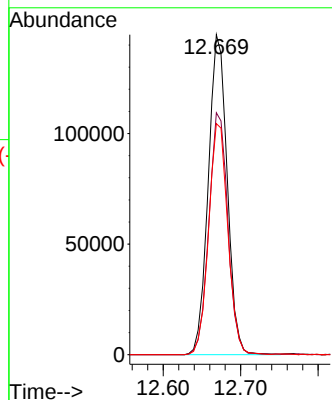
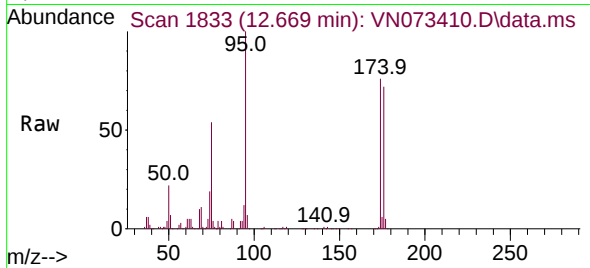




#62
4-Bromofluorobenzene
Concen: 51.773 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073410.D
Acq: 11 Jul 2022 11:08

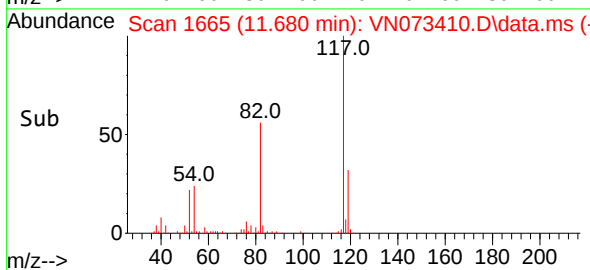
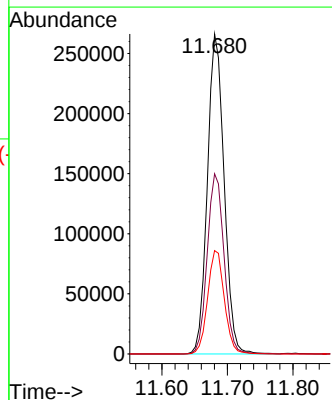
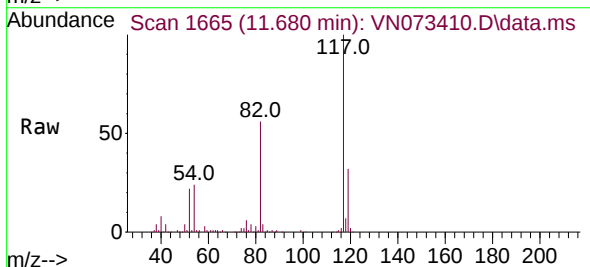
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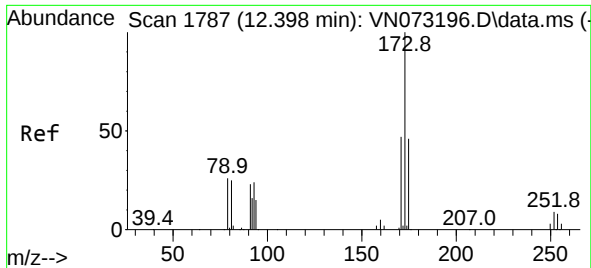
Tgt Ion: 95 Resp: 244642
Ion Ratio Lower Upper
95 100
174 76.0 0.0 167.6
176 73.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073410.D
Acq: 11 Jul 2022 11:08

Tgt Ion: 117 Resp: 472075
Ion Ratio Lower Upper
117 100
82 56.3 44.2 66.2
119 32.3 25.4 38.0

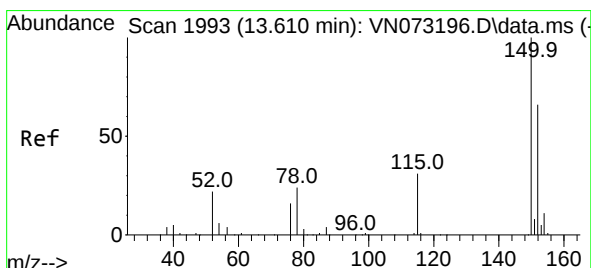
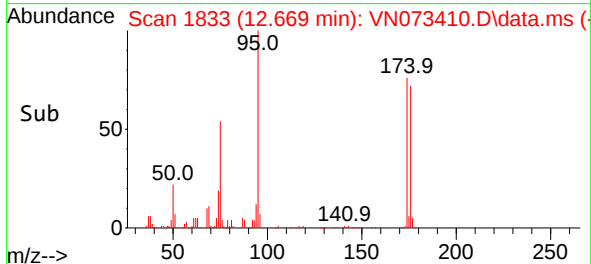
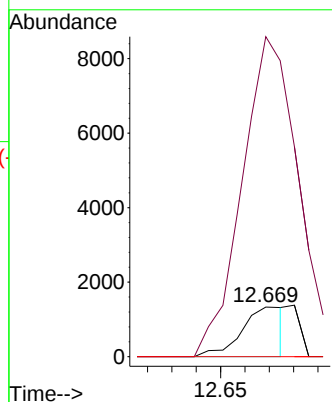
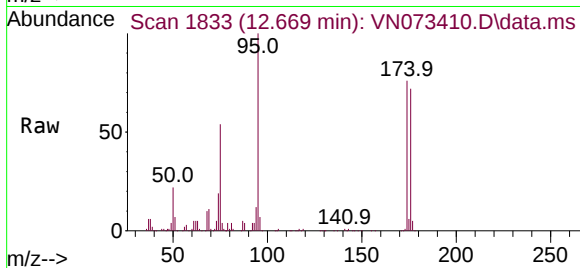




#71
Bromoform
Concen: 0.563 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN073410.D
Acq: 11 Jul 2022 11:08

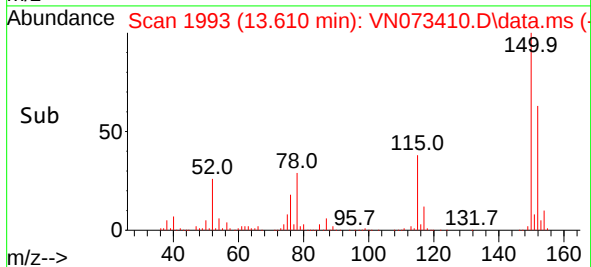
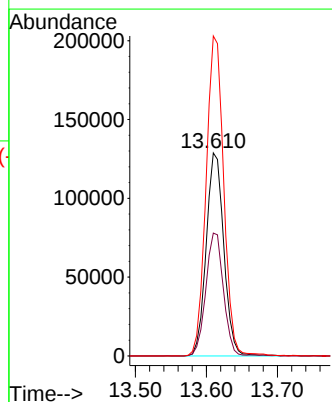
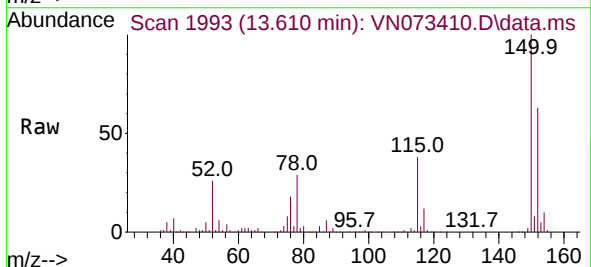
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBL01

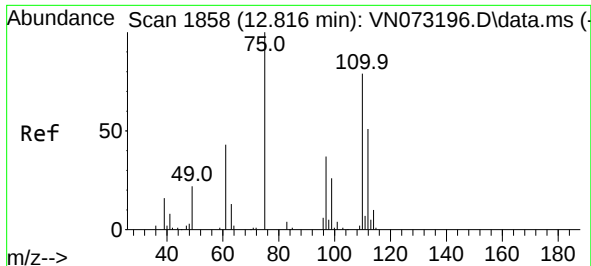
Tgt Ion:173 Resp: 1617
Ion Ratio Lower Upper
173 100
175 632.7 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073410.D
Acq: 11 Jul 2022 11:08

Tgt Ion:152 Resp: 222226
Ion Ratio Lower Upper
152 100
115 60.3 28.9 86.7
150 157.9 0.0 356.2

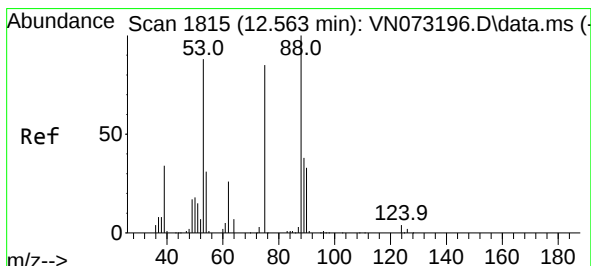
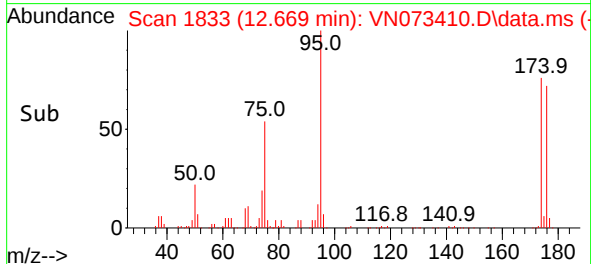
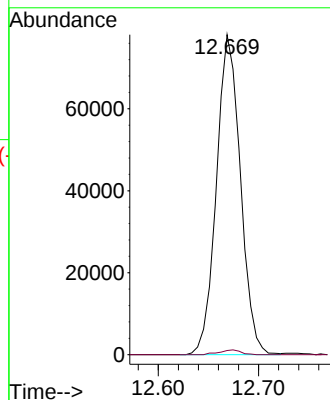
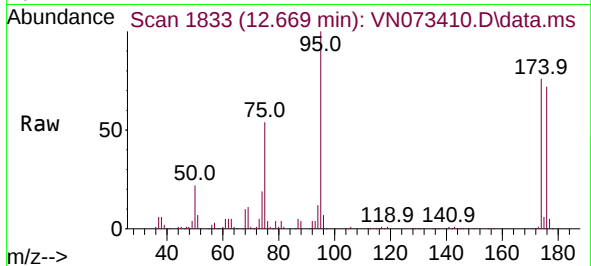




#76
1,2,3-Trichloropropane
Concen: 22.311 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073410.D
Acq: 11 Jul 2022 11:08

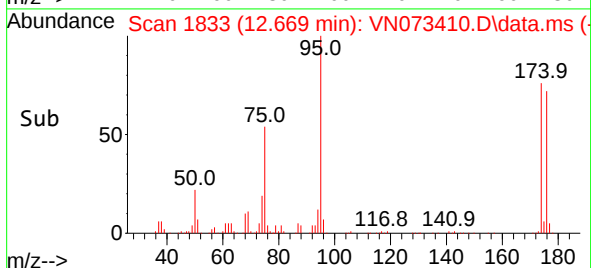
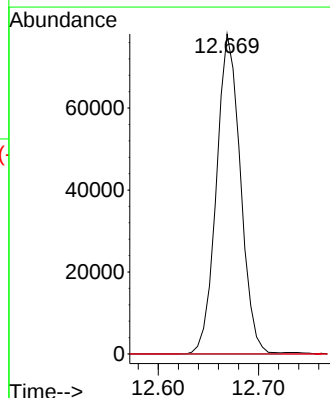
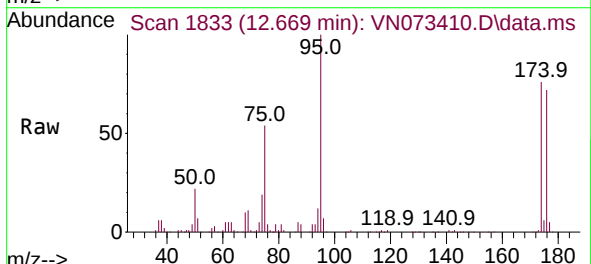
Instrument :
MSVOA_N
ClientSampleId :
VN0711WBL01

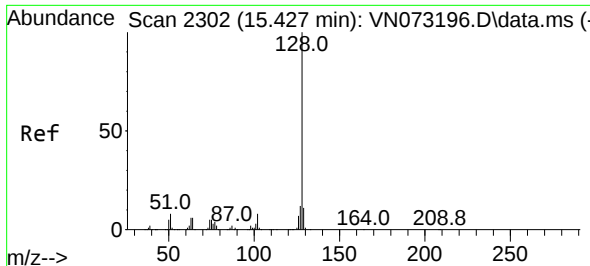
Tgt Ion: 75 Resp: 129641
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.186 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073410.D
Acq: 11 Jul 2022 11:08

Tgt Ion: 75 Resp: 129641
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

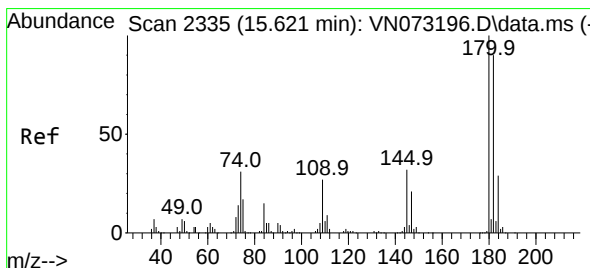
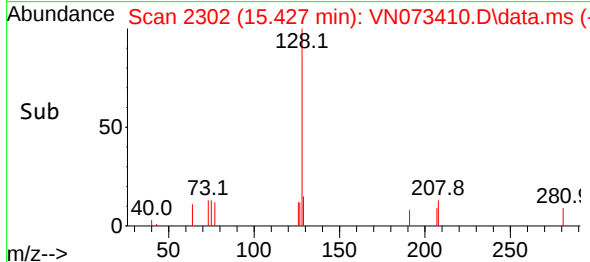
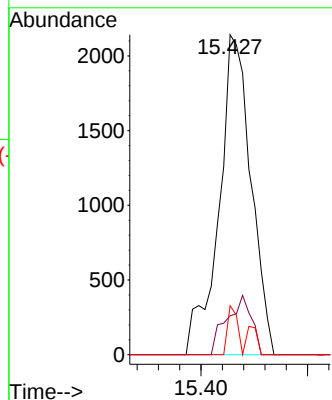
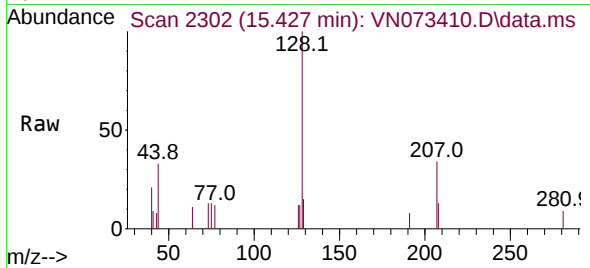




#95
Naphthalene
Concen: 0.261 ug/l
RT: 15.427 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN073410.D
Acq: 11 Jul 2022 11:08

Instrument :
MSVOA_N
ClientSampleId :
VN0711WBL01

Tgt Ion:128 Resp: 4465
Ion Ratio Lower Upper
128 100
127 14.4 10.3 15.5
129 4.7 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.213 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.006 min
Lab File: VN073410.D
Acq: 11 Jul 2022 11:08

Tgt Ion:180 Resp: 935
Ion Ratio Lower Upper
180 100
182 64.4 47.8 143.3
145 29.6 15.5 46.5

