

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072522\
 Data File : VN073584.D
 Acq On : 25 Jul 2022 17:12
 Operator : JC\MD
 Sample : N3876-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-08-07202022

Quant Time: Jul 26 02:18:04 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)

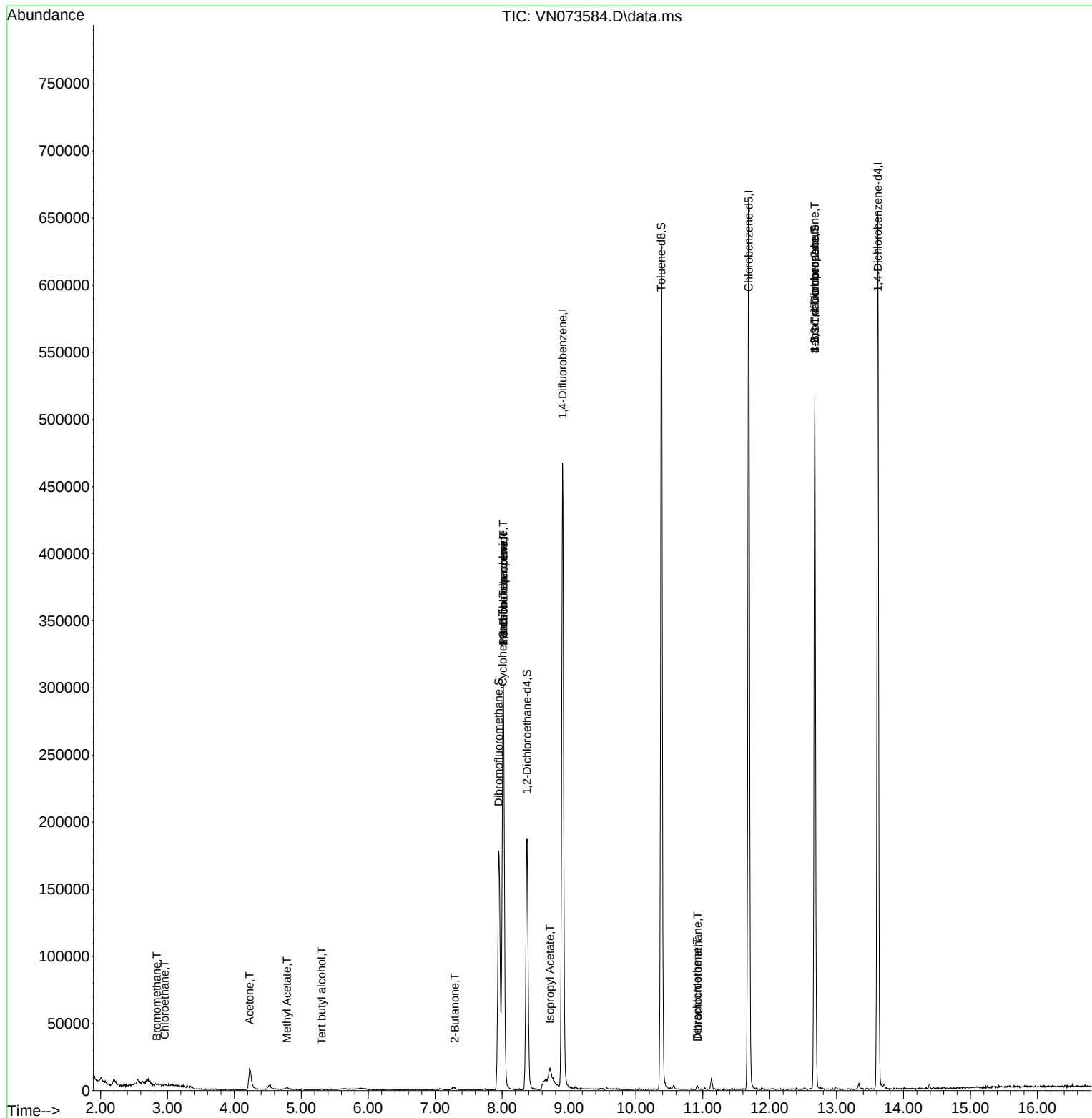
Internal Standards						
1) Pentafluorobenzene	8.022	168	232462	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	400232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	366092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	172747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	153033	45.602	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.200%
35) Dibromofluoromethane	7.951	113	131704	49.461	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.920%
50) Toluene-d8	10.380	98	419536	44.361	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.720%
62) 4-Bromofluorobenzene	12.674	95	172554	47.478	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.960%
Target Compounds						
					Qvalue	
5) Bromomethane	2.840	94	339	0.256	ug/l #	2
6) Chloroethane	2.957	64	393	0.238	ug/l #	42
11) Tert butyl alcohol	5.304	59	300	0.369	ug/l #	72
16) Acetone	4.228	43	28395	15.074	ug/l	95
18) Methyl Acetate	4.787	43	3471	0.658	ug/l #	67
25) 2-Butanone	7.292	43	3691	1.231	ug/l #	73
31) Cyclohexane	8.010	56	6007	1.093	ug/l #	24
36) 1,1-Dichloropropene	8.022	75	19709	4.810	ug/l #	43
38) Carbon Tetrachloride	8.016	117	24600	5.806	ug/l #	16
43) Isopropyl Acetate	8.716	43	31847	3.579	ug/l #	53
60) Dibromochloromethane	10.921	129	674	0.220	ug/l #	11
64) Tetrachloroethene	10.916	164	719	0.241	ug/l #	68
76) 1,2,3-Trichloropropane	12.674	75	90088	19.944	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	90088	54.696	ug/l #	10

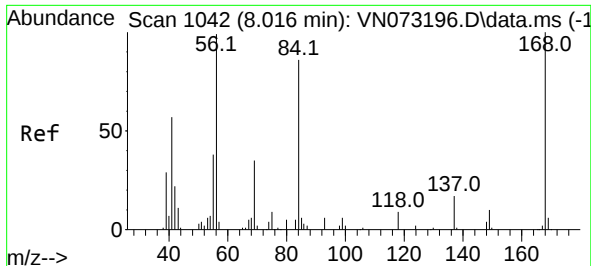
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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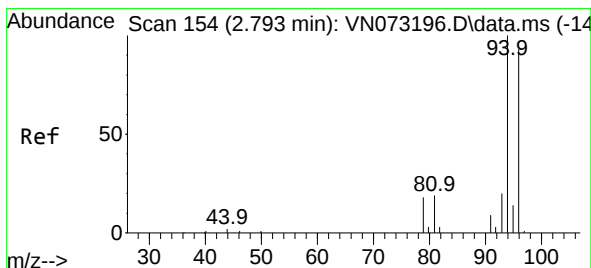
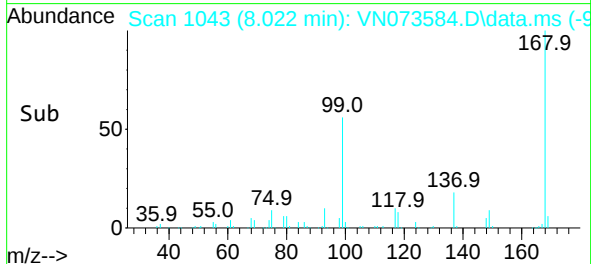
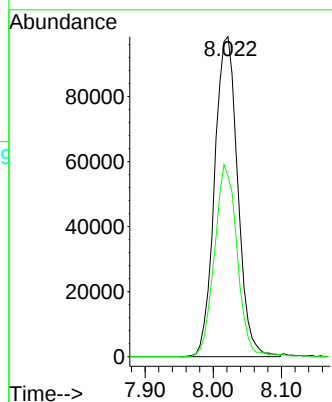
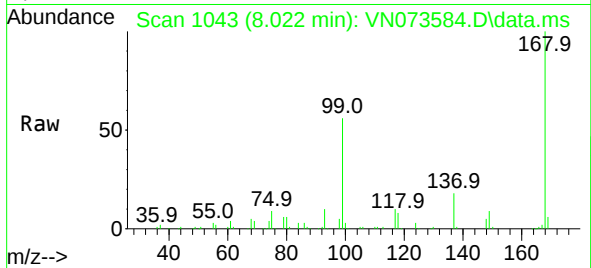




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073584.D
Acq: 25 Jul 2022 17:12

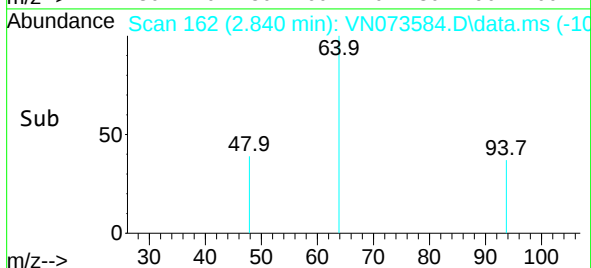
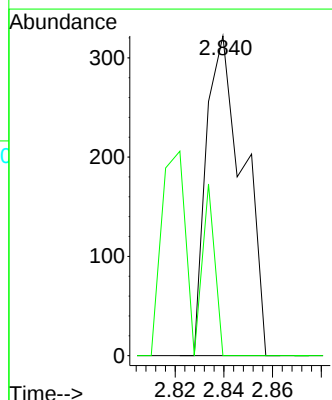
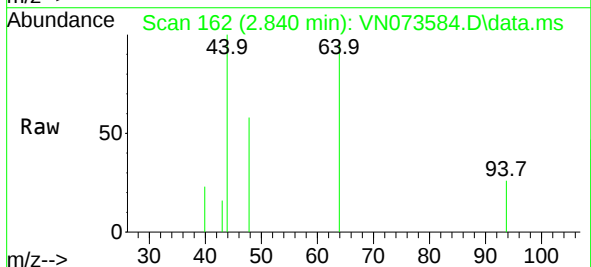
Instrument :
MSVOA_N
ClientSampleId :
EB-08-07202022

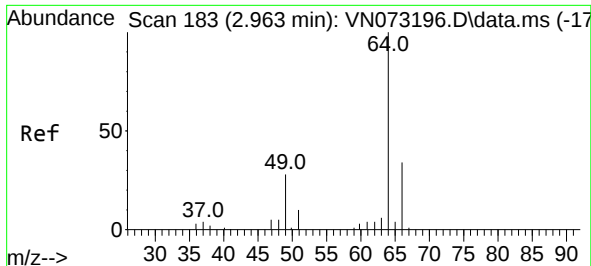
Tgt Ion:168 Resp: 232462
Ion Ratio Lower Upper
168 100
99 56.4 42.3 63.5



#5
Bromomethane
Concen: 0.256 ug/l
RT: 2.840 min Scan# 162
Delta R.T. 0.047 min
Lab File: VN073584.D
Acq: 25 Jul 2022 17:12

Tgt Ion: 94 Resp: 339
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#

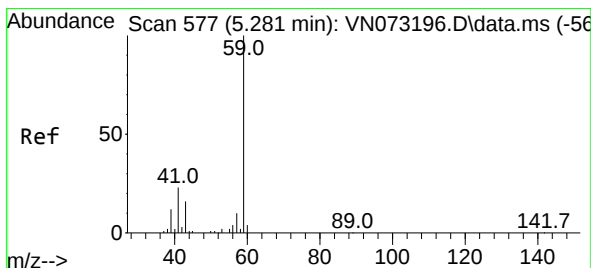
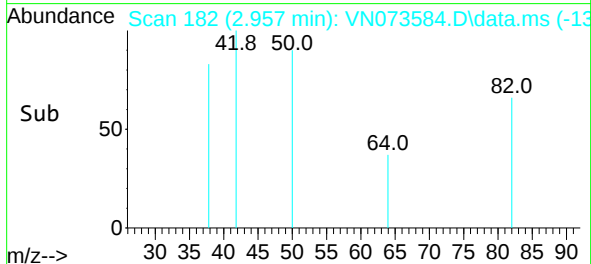
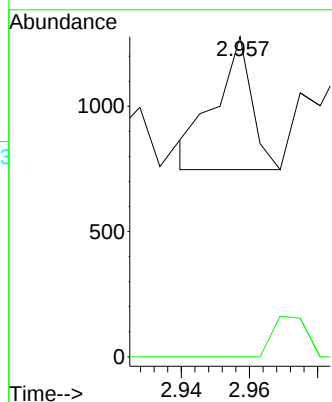
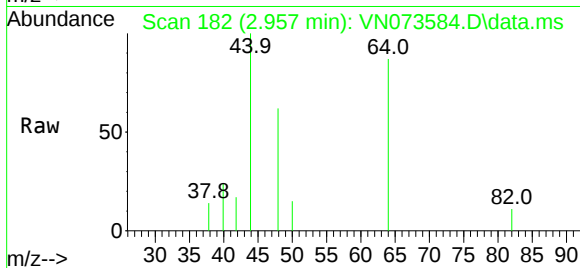




#6
Chloroethane
Concen: 0.238 ug/l
RT: 2.957 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073584.D
Acq: 25 Jul 2022 17:12

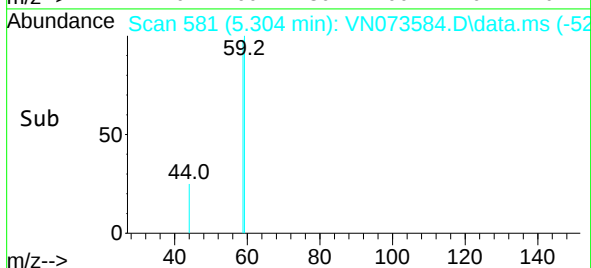
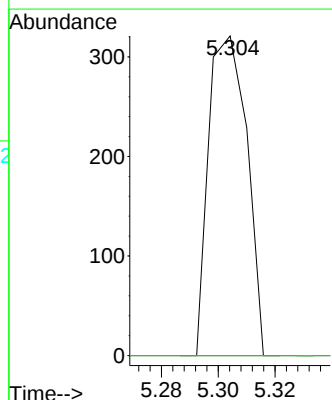
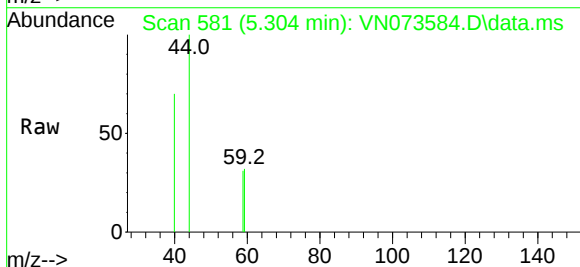
Instrument :
MSVOA_N
ClientSampleId :
EB-08-072022

Tgt Ion: 64 Resp: 393
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 0.369 ug/l
RT: 5.304 min Scan# 581
Delta R.T. 0.023 min
Lab File: VN073584.D
Acq: 25 Jul 2022 17:12

Tgt Ion: 59 Resp: 300
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

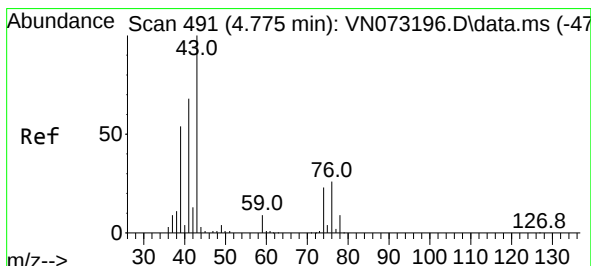
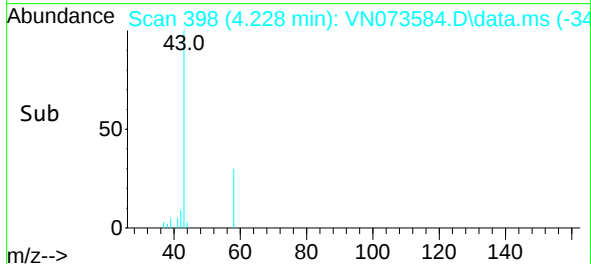
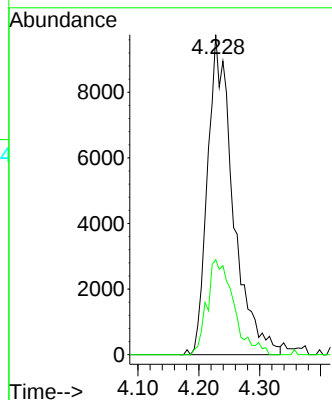
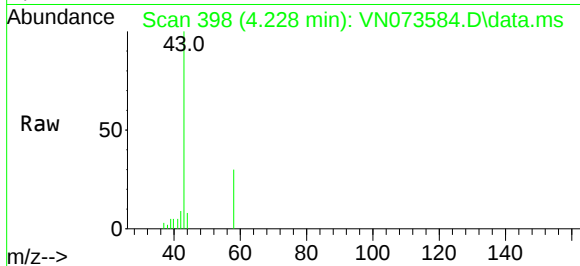




#16
Acetone
Concen: 15.074 ug/l
RT: 4.228 min Scan# 397
Delta R.T. 0.006 min
Lab File: VN073584.D
Acq: 25 Jul 2022 17:12

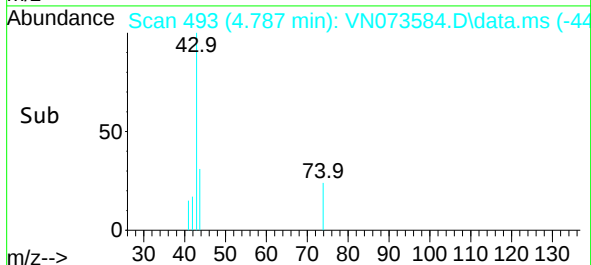
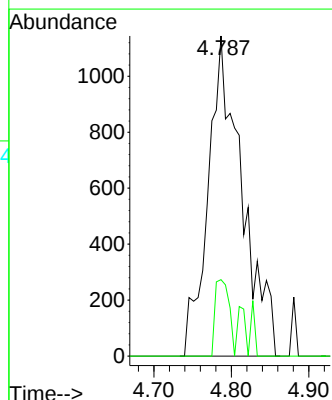
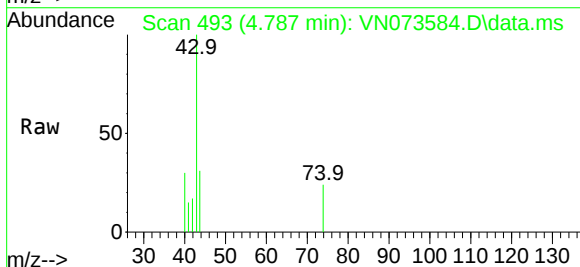
Instrument :
MSVOA_N
ClientSampleId :
EB-08-072022

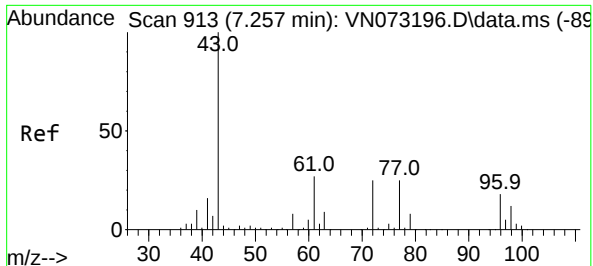
Tgt Ion: 43 Resp: 28395
Ion Ratio Lower Upper
43 100
58 29.6 26.0 39.0



#18
Methyl Acetate
Concen: 0.658 ug/l
RT: 4.787 min Scan# 493
Delta R.T. 0.012 min
Lab File: VN073584.D
Acq: 25 Jul 2022 17:12

Tgt Ion: 43 Resp: 3471
Ion Ratio Lower Upper
43 100
74 9.8 21.6 32.4#

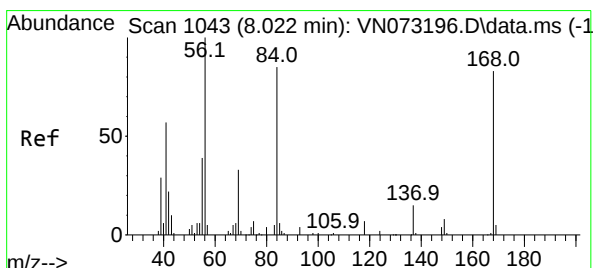
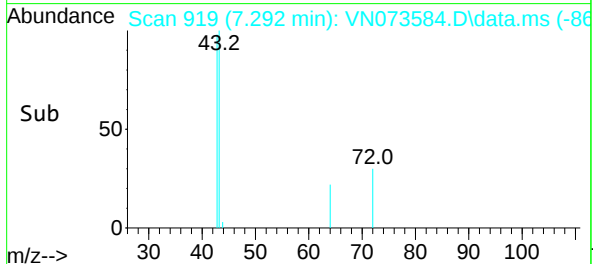
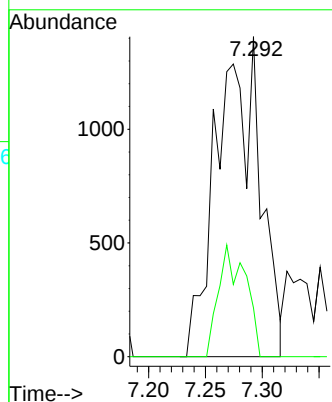
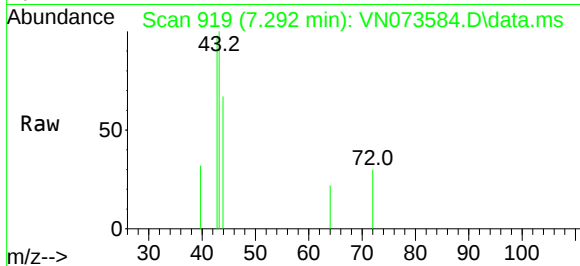




#25
2-Butanone
Concen: 1.231 ug/l
RT: 7.292 min Scan# 913
Delta R.T. 0.035 min
Lab File: VN073584.D
Acq: 25 Jul 2022 17:12

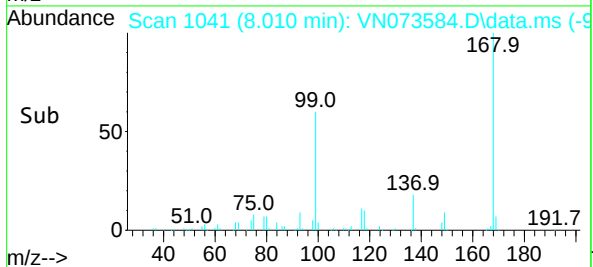
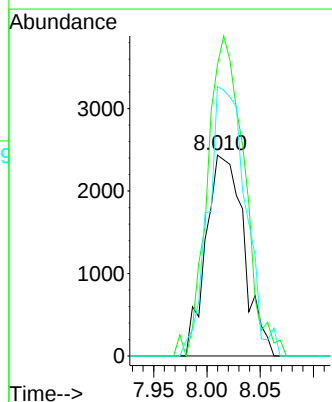
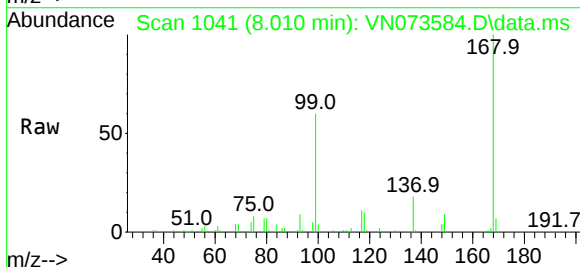
Instrument :
MSVOA_N
ClientSampleId :
EB-08-072022

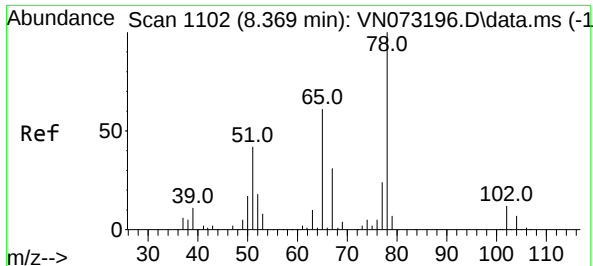
Tgt Ion: 43 Resp: 3691
Ion Ratio Lower Upper
43 100
72 15.3 23.7 35.5#



#31
Cyclohexane
Concen: 1.093 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.012 min
Lab File: VN073584.D
Acq: 25 Jul 2022 17:12

Tgt Ion: 56 Resp: 6007
Ion Ratio Lower Upper
56 100
69 137.2 27.8 41.8#
84 134.2 76.9 115.3#

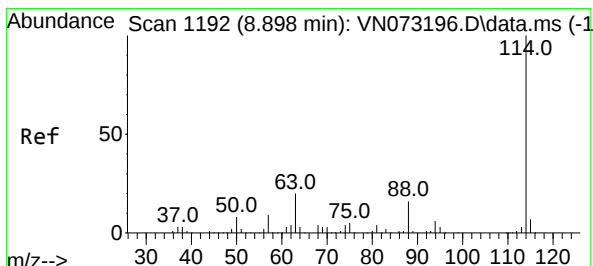
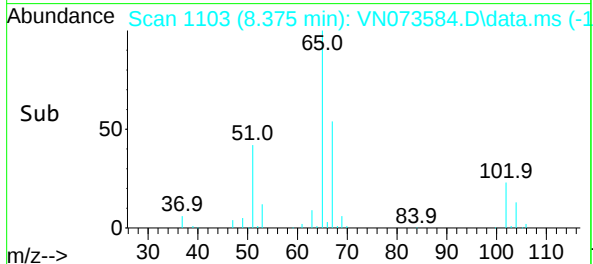
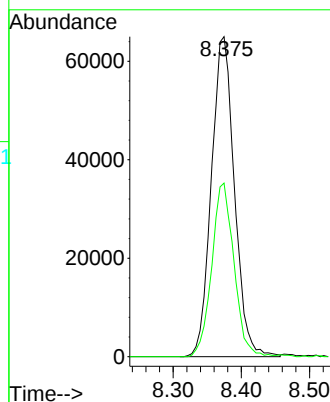
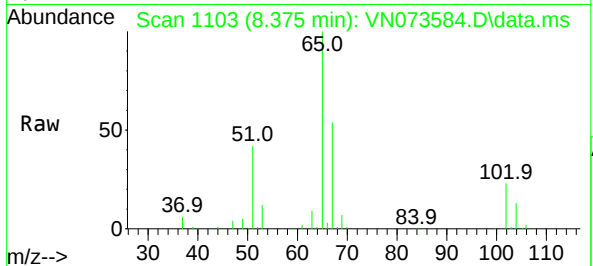




#33
 1,2-Dichloroethane-d4
 Concen: 45.602 ug/l
 RT: 8.375 min Scan# 1102
 Delta R.T. 0.006 min
 Lab File: VN073584.D
 Acq: 25 Jul 2022 17:12

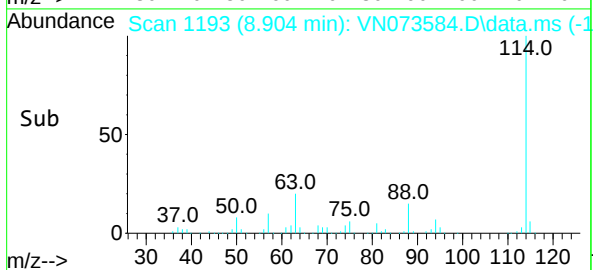
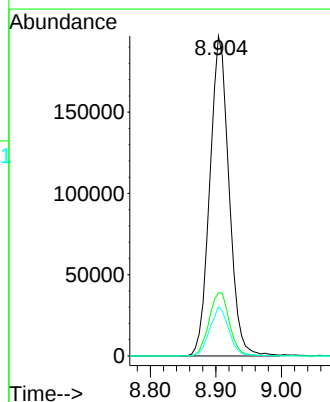
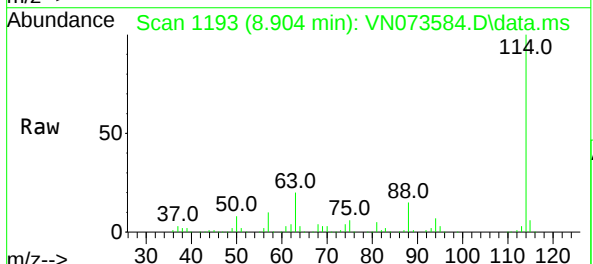
Instrument :
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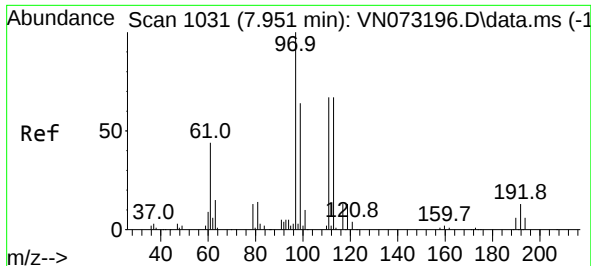
Tgt Ion: 65 Resp: 153033
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.904 min Scan# 1193
 Delta R.T. 0.006 min
 Lab File: VN073584.D
 Acq: 25 Jul 2022 17:12

Tgt Ion: 114 Resp: 400232
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.4 0.0 32.6

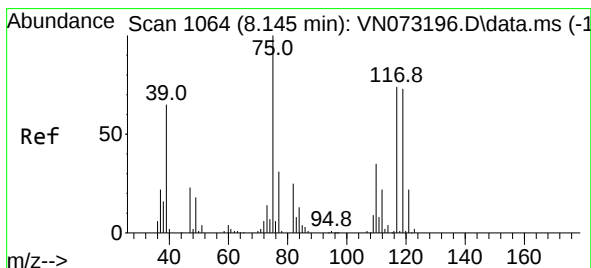
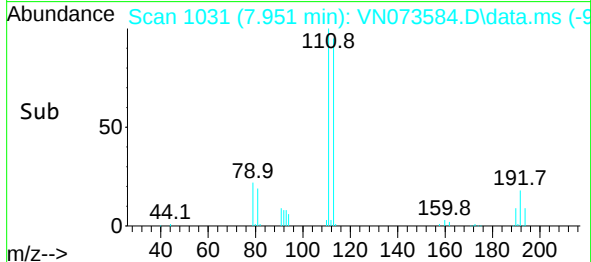
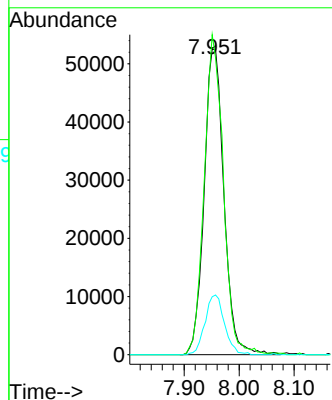
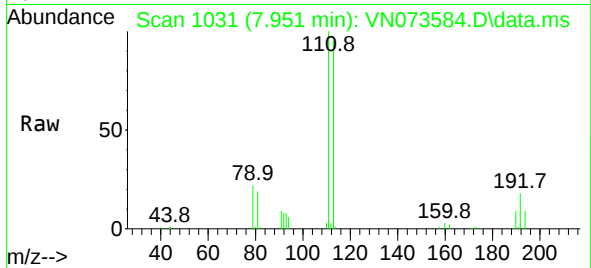




#35
Dibromofluoromethane
Concen: 49.461 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073584.D
Acq: 25 Jul 2022 17:12

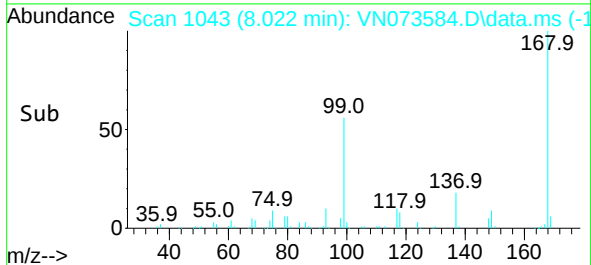
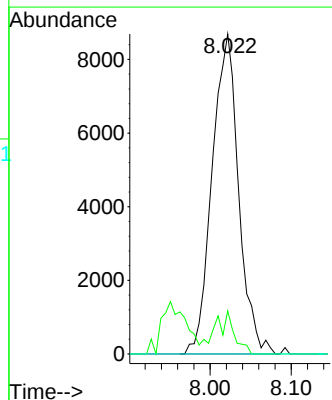
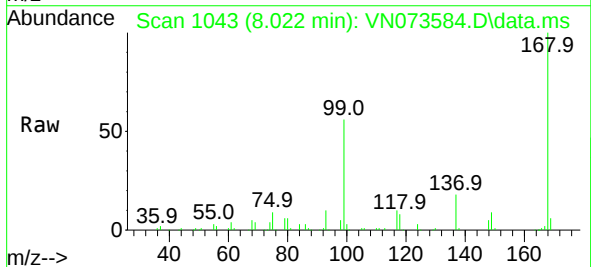
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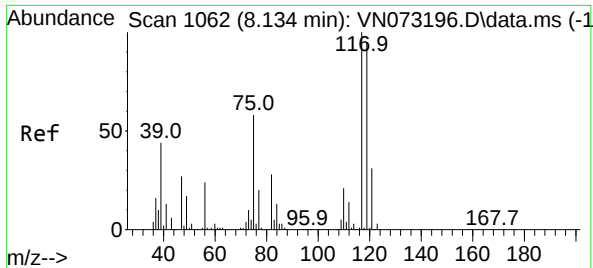
Tgt Ion:113 Resp: 131704
Ion Ratio Lower Upper
113 100
111 100.9 81.4 122.0
192 19.2 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.810 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.123 min
Lab File: VN073584.D
Acq: 25 Jul 2022 17:12

Tgt Ion: 75 Resp: 19709
Ion Ratio Lower Upper
75 100
110 2.4 18.3 54.8#
77 0.0 25.1 37.7#

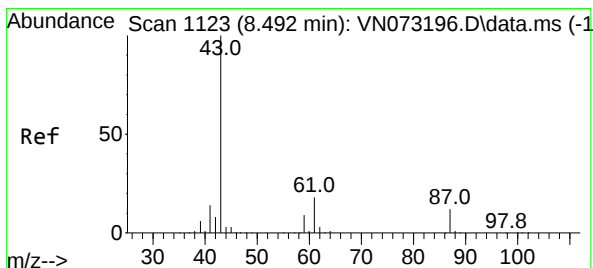
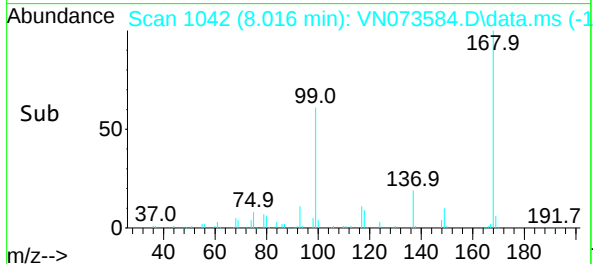
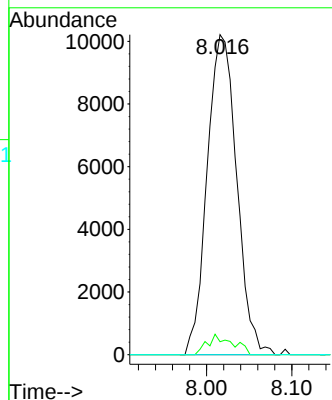
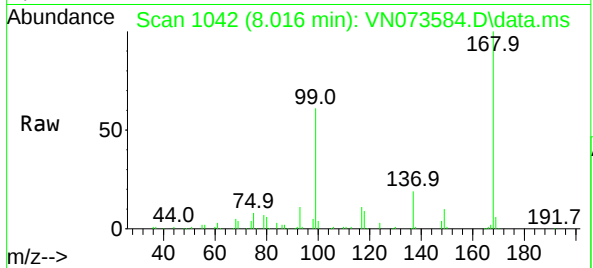




#38
Carbon Tetrachloride
Concen: 5.806 ug/l
RT: 8.016 min Scan# 1161
Delta R.T. -0.118 min
Lab File: VN073584.D
Acq: 25 Jul 2022 17:12

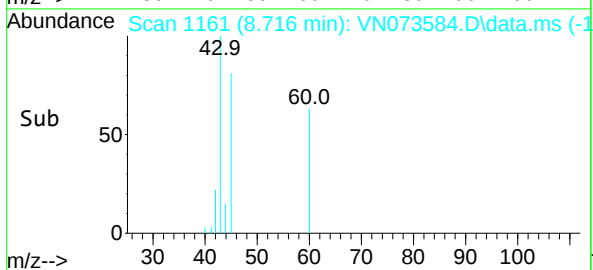
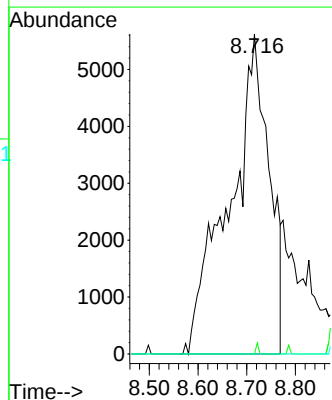
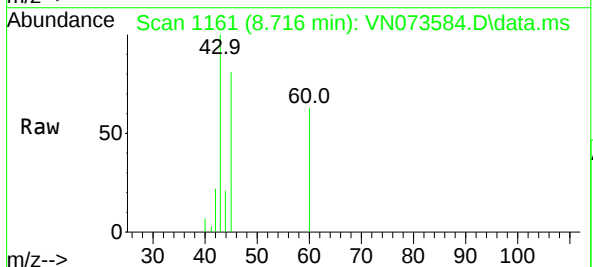
Instrument :
MSVOA_N
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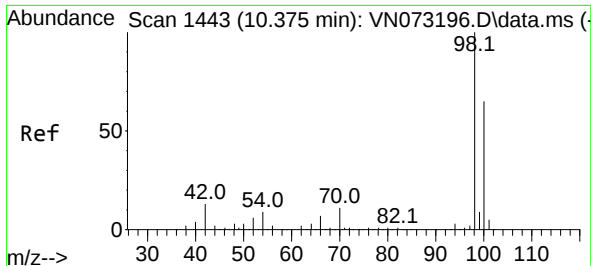
Tgt Ion:117 Resp: 24600
Ion Ratio Lower Upper
117 100
119 4.1 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 3.579 ug/l
RT: 8.716 min Scan# 1161
Delta R.T. 0.224 min
Lab File: VN073584.D
Acq: 25 Jul 2022 17:12

Tgt Ion: 43 Resp: 31847
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

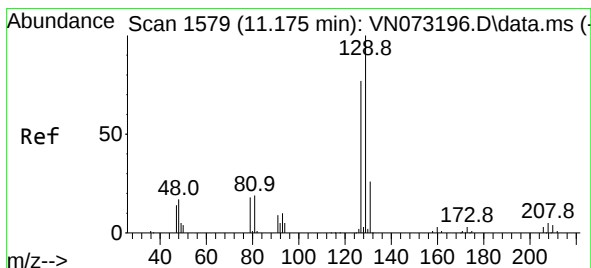
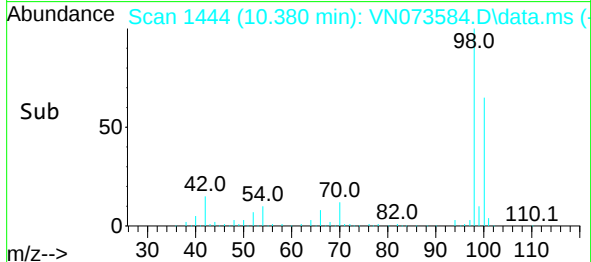
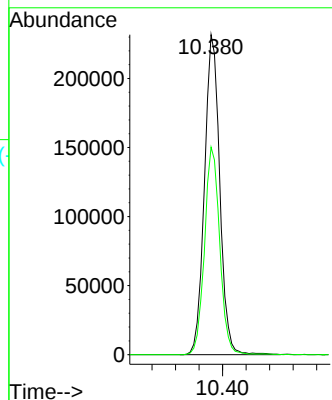
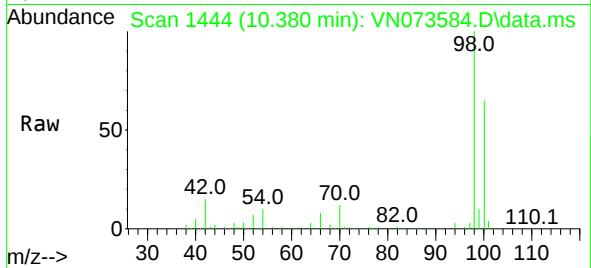




#50
Toluene-d8
Concen: 44.361 ug/l
RT: 10.380 min Scan# 1443
Delta R.T. 0.005 min
Lab File: VN073584.D
Acq: 25 Jul 2022 17:12

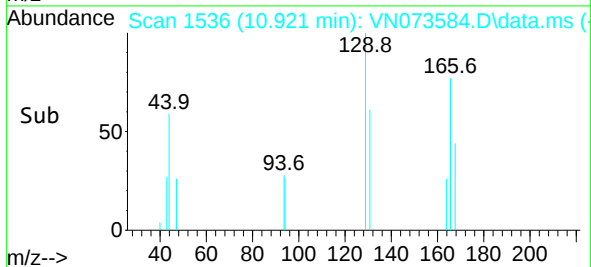
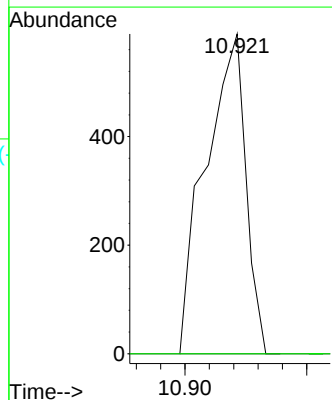
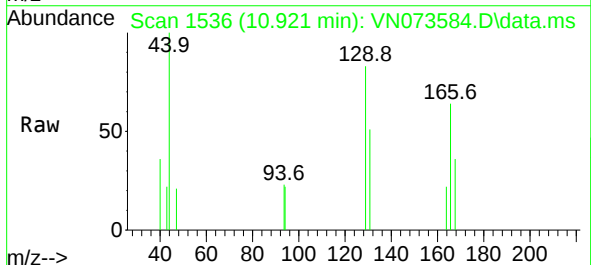
Instrument :
MSVOA_N
ClientSampleId :
EB-08-072022

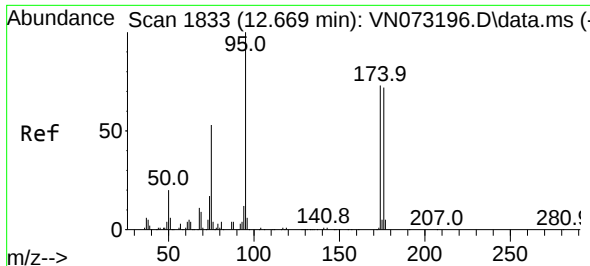
Tgt Ion: 98 Resp: 419536
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#60
Dibromochloromethane
Concen: 0.220 ug/l
RT: 10.921 min Scan# 1536
Delta R.T. -0.254 min
Lab File: VN073584.D
Acq: 25 Jul 2022 17:12

Tgt Ion: 129 Resp: 674
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

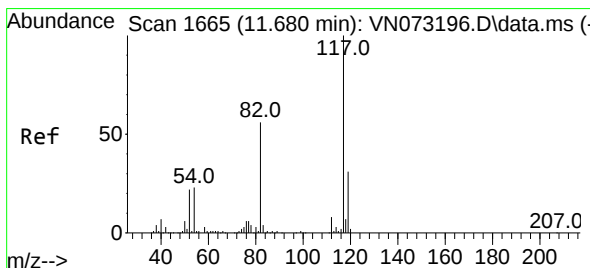
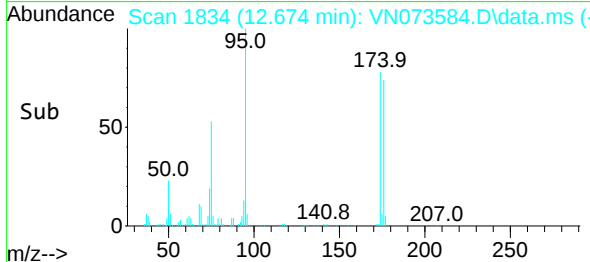
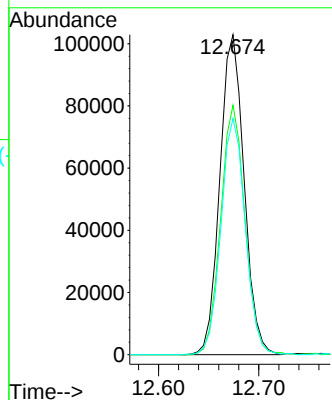
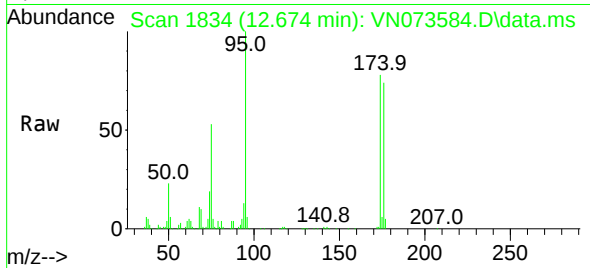




#62
4-Bromofluorobenzene
Concen: 47.478 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073584.D
Acq: 25 Jul 2022 17:12

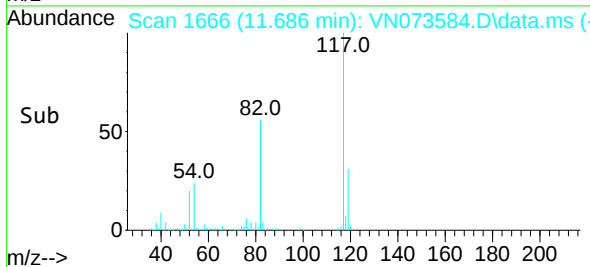
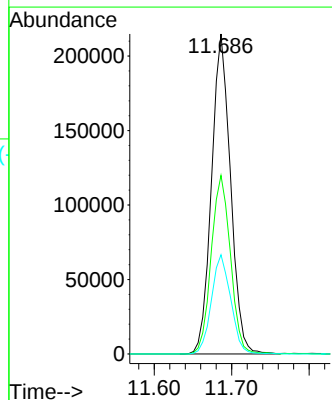
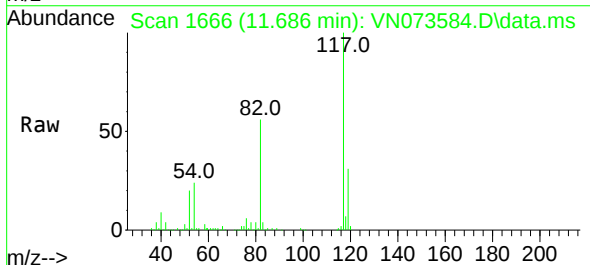
Instrument :
MSVOA_N
ClientSampleId :
EB-08-07202022

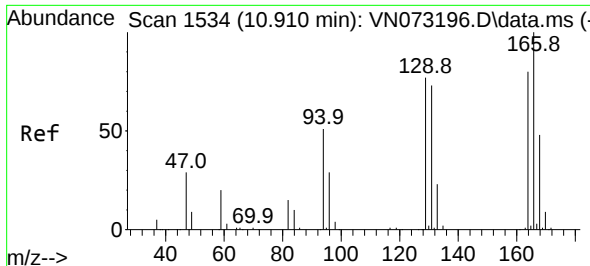
Tgt Ion: 95 Resp: 172554
Ion Ratio Lower Upper
95 100
174 78.0 0.0 167.6
176 74.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073584.D
Acq: 25 Jul 2022 17:12

Tgt Ion: 117 Resp: 366092
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.2
119 31.0 25.4 38.0





#64

Tetrachloroethene

Concen: 0.241 ug/l

RT: 10.916 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN073584.D

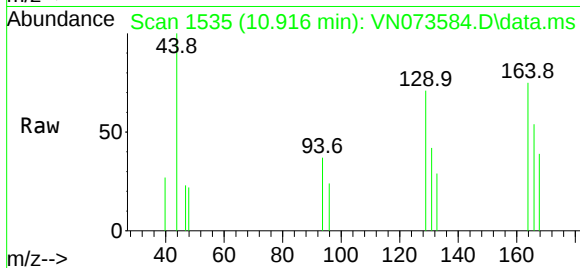
Acq: 25 Jul 2022 17:12

Instrument :

MSVOA_N

ClientSampleId :

EB-08-072022



Tgt Ion:164 Resp: 719

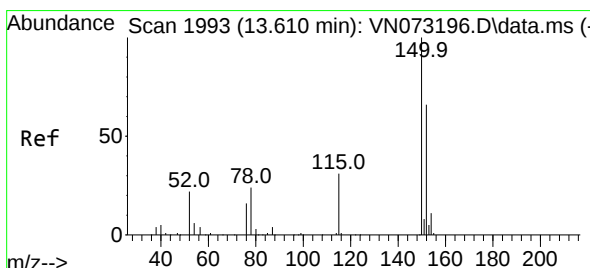
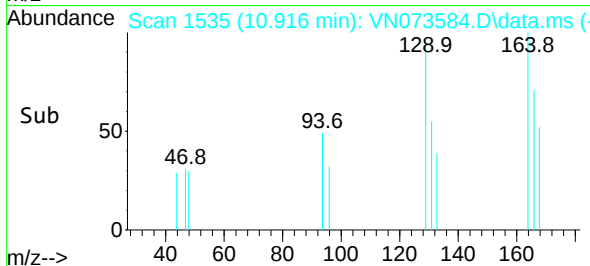
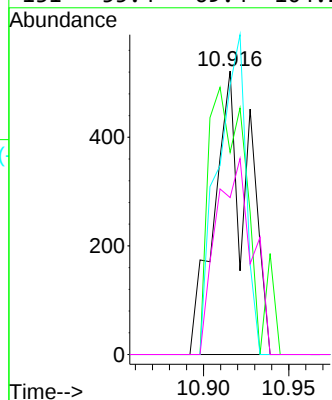
Ion Ratio Lower Upper

164 100

166 71.3 104.2 156.2#

129 95.0 73.9 110.9

131 55.4 69.4 104.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. 0.005 min

Lab File: VN073584.D

Acq: 25 Jul 2022 17:12

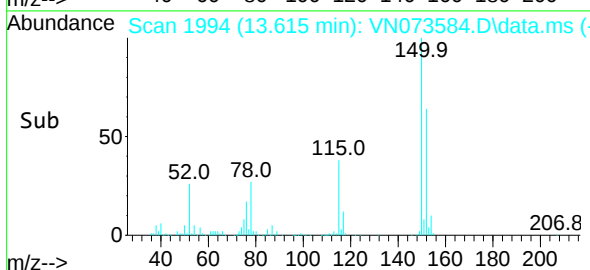
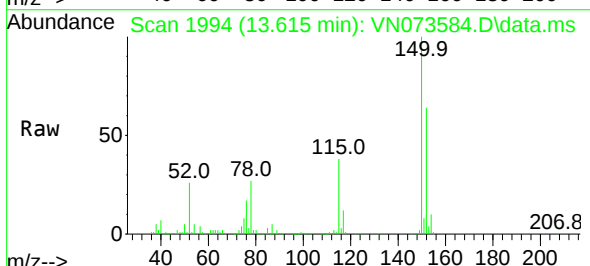
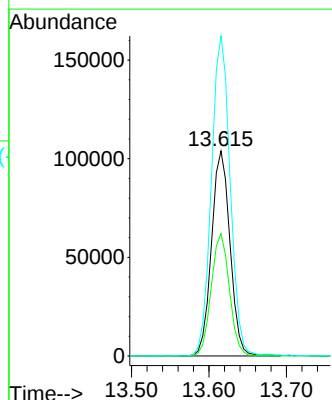
Tgt Ion:152 Resp: 172747

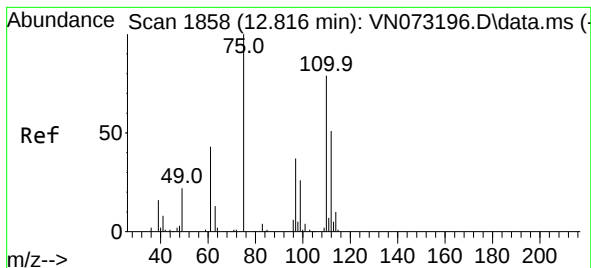
Ion Ratio Lower Upper

152 100

115 58.3 28.9 86.7

150 157.7 0.0 356.2





#76

1,2,3-Trichloropropane

Concen: 19.944 ug/l

RT: 12.674 min Scan# 1834

Delta R.T. -0.142 min

Lab File: VN073584.D

Acq: 25 Jul 2022 17:12

Instrument :

MSVOA_N

ClientSampleId :

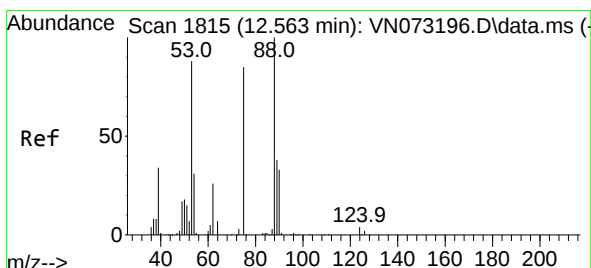
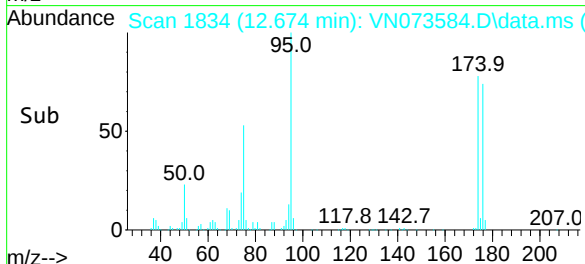
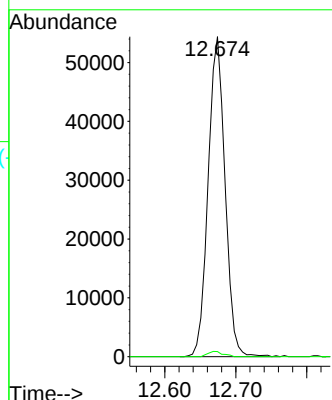
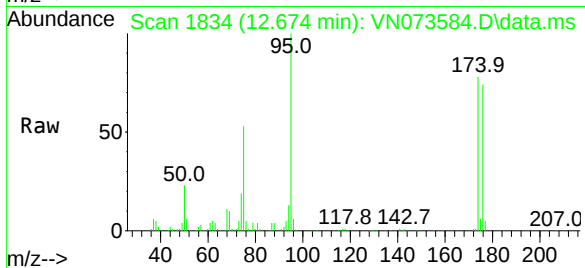
EB-08-072022

Tgt Ion: 75 Resp: 90088

Ion Ratio Lower Upper

75 100

77 1.5 98.5 295.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 54.696 ug/l

RT: 12.674 min Scan# 1834

Delta R.T. 0.111 min

Lab File: VN073584.D

Acq: 25 Jul 2022 17:12

Tgt Ion: 75 Resp: 90088

Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.1 37.2 55.8#

