

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072522\
 Data File : VN073585.D
 Acq On : 25 Jul 2022 17:37
 Operator : JC\MD
 Sample : N3876-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-09-07212022

Quant Time: Jul 26 02:18:14 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)

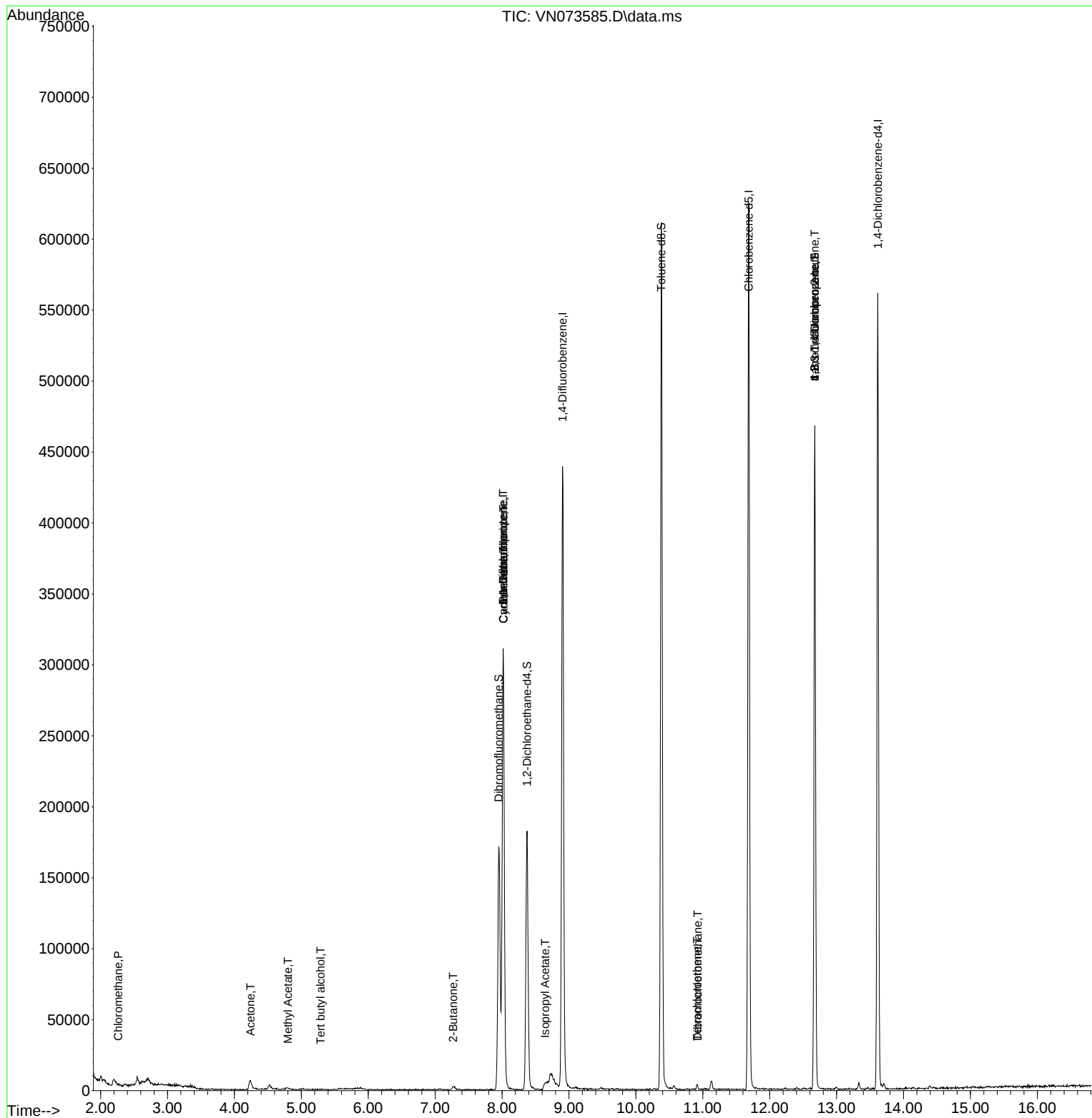
Internal Standards						
1) Pentafluorobenzene	8.016	168	232954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	382628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	345857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	146946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	147937	43.990	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.980%
35) Dibromofluoromethane	7.951	113	126492	49.689	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.380%
50) Toluene-d8	10.380	98	402572	44.525	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.060%
62) 4-Bromofluorobenzene	12.674	95	155406	44.727	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.460%
Target Compounds						
					Qvalue	
3) Chloromethane	2.263	50	748	0.226	ug/l #	43
11) Tert butyl alcohol	5.287	59	192	0.236	ug/l #	72
16) Acetone	4.240	43	11850	6.278	ug/l	95
18) Methyl Acetate	4.798	43	2955	0.559	ug/l #	53
25) 2-Butanone	7.269	43	4785	1.592	ug/l	97
31) Cyclohexane	8.022	56	5375	0.976	ug/l #	20
36) 1,1-Dichloropropene	8.016	75	19850	5.068	ug/l #	48
38) Carbon Tetrachloride	8.022	117	24045	5.936	ug/l #	19
43) Isopropyl Acetate	8.645	43	4452	0.523	ug/l #	53
60) Dibromochloromethane	10.922	129	603	0.206	ug/l #	11
64) Tetrachloroethene	10.916	164	756	0.268	ug/l #	45
76) 1,2,3-Trichloropropane	12.674	75	82076	21.361	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	82076	58.582	ug/l #	10

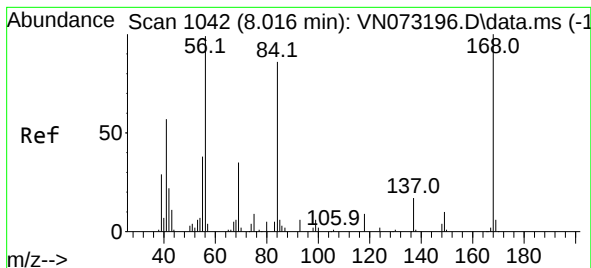
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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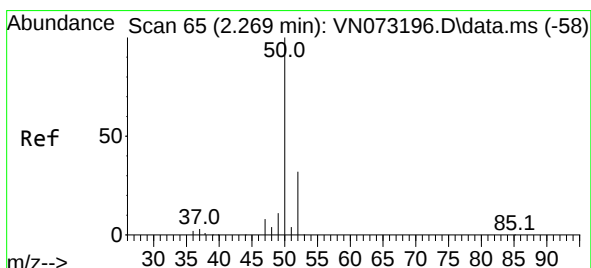
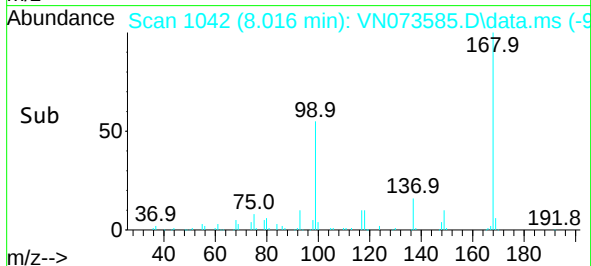
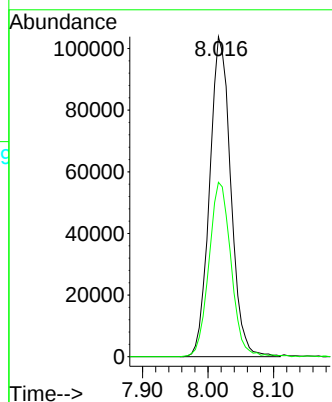
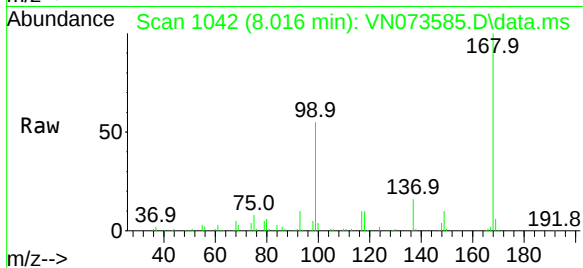




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073585.D
Acq: 25 Jul 2022 17:37

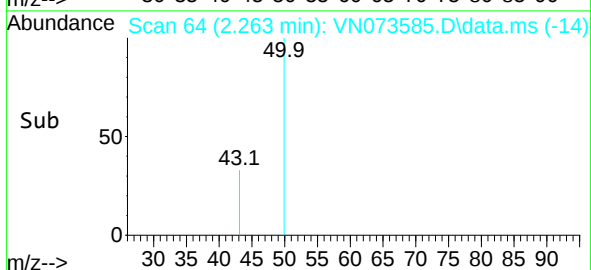
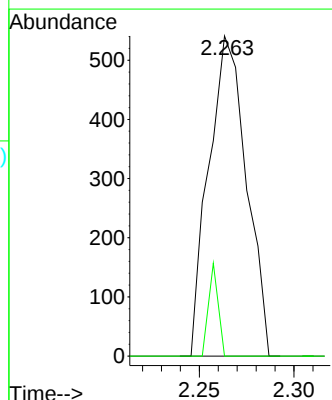
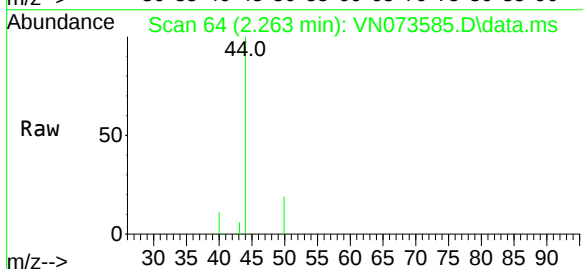
Instrument :
MSVOA_N
ClientSampleId :
EB-09-07212022

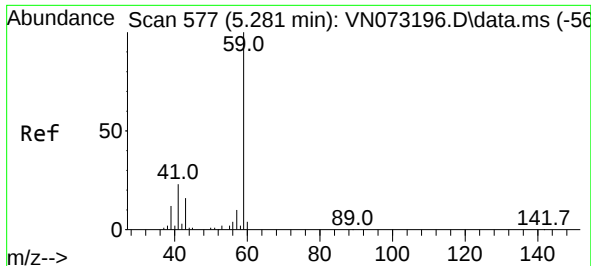
Tgt Ion:168 Resp: 232954
Ion Ratio Lower Upper
168 100
99 54.5 42.3 63.5



#3
Chloromethane
Concen: 0.226 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073585.D
Acq: 25 Jul 2022 17:37

Tgt Ion: 50 Resp: 748
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

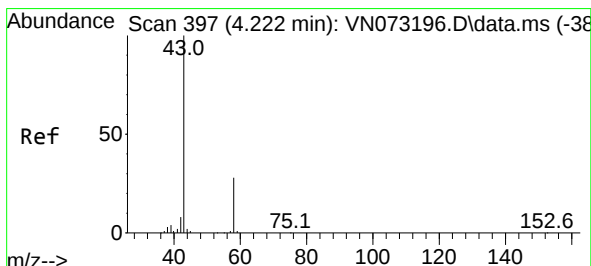
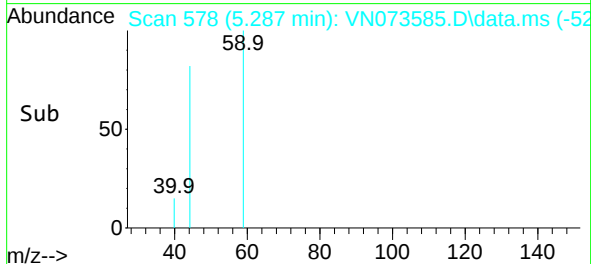
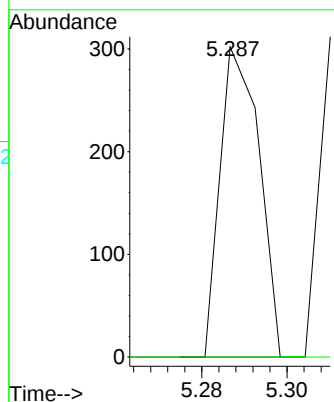
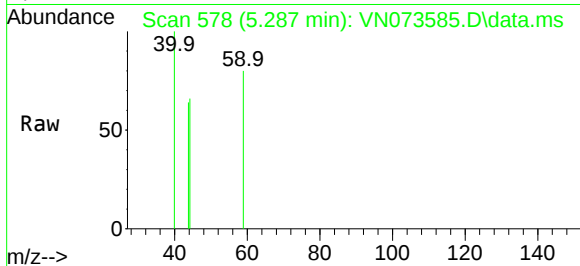




#11
Tert butyl alcohol
Concen: 0.236 ug/l
RT: 5.287 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073585.D
Acq: 25 Jul 2022 17:37

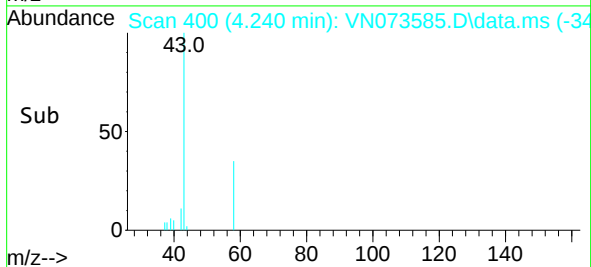
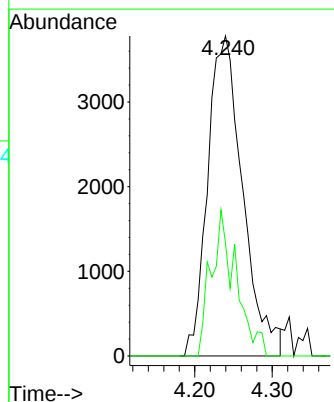
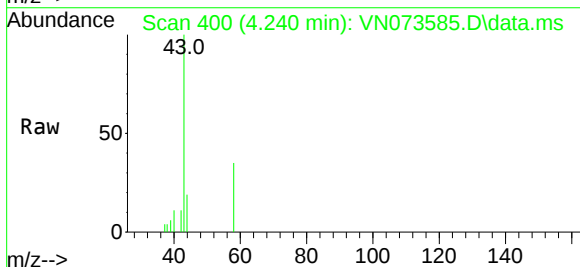
Instrument :
MSVOA_N
ClientSampleId :
EB-09-07212022

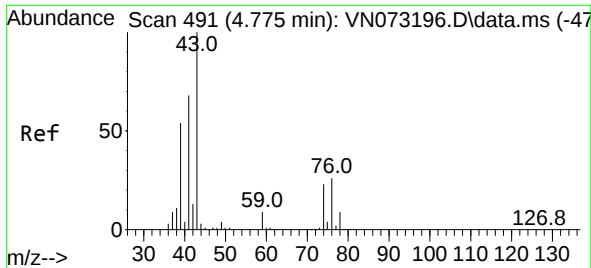
Tgt Ion: 59 Resp: 192
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 6.278 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.018 min
Lab File: VN073585.D
Acq: 25 Jul 2022 17:37

Tgt Ion: 43 Resp: 11850
Ion Ratio Lower Upper
43 100
58 35.4 26.0 39.0

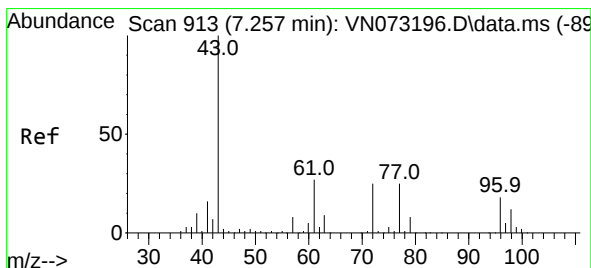
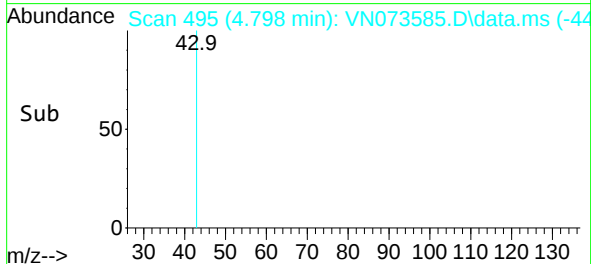
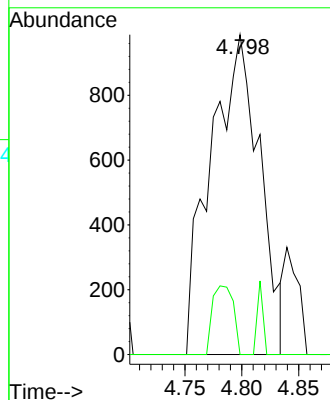
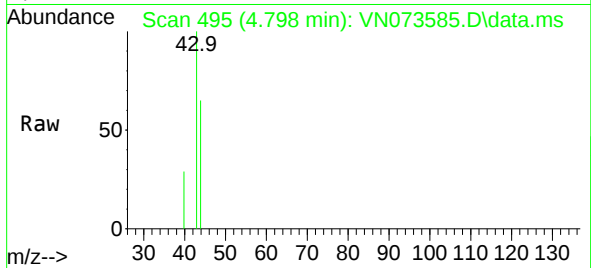




#18
Methyl Acetate
Concen: 0.559 ug/l
RT: 4.798 min Scan# 491
Delta R.T. 0.023 min
Lab File: VN073585.D
Acq: 25 Jul 2022 17:37

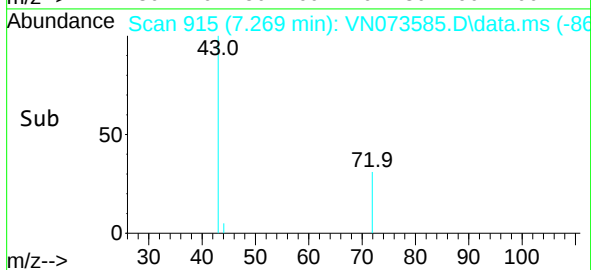
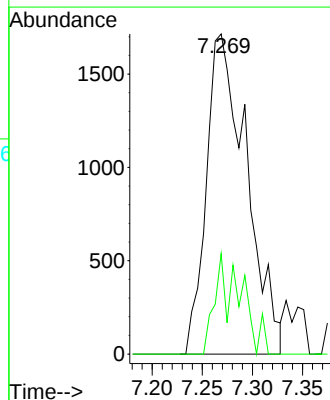
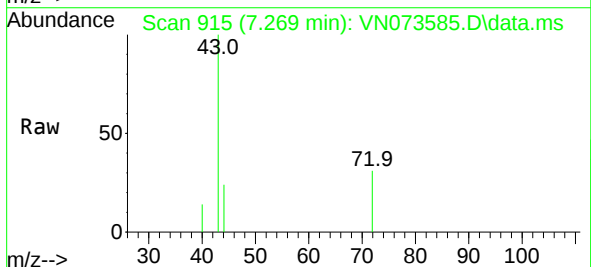
Instrument :
MSVOA_N
ClientSampleId :
EB-09-07212022

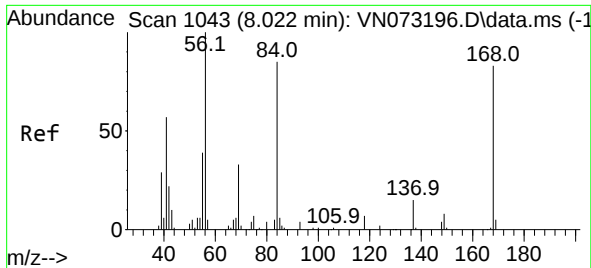
Tgt Ion: 43 Resp: 2955
Ion Ratio Lower Upper
43 100
74 2.7 21.6 32.4#



#25
2-Butanone
Concen: 1.592 ug/l
RT: 7.269 min Scan# 915
Delta R.T. 0.012 min
Lab File: VN073585.D
Acq: 25 Jul 2022 17:37

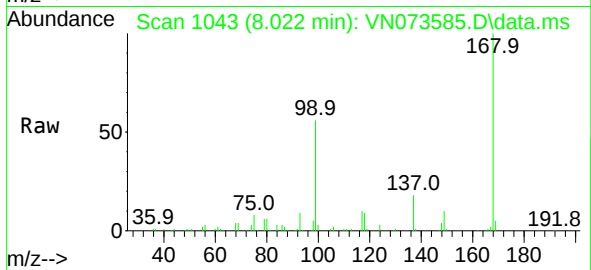
Tgt Ion: 43 Resp: 4785
Ion Ratio Lower Upper
43 100
72 31.4 23.7 35.5



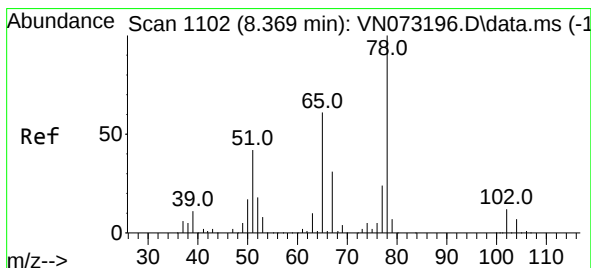
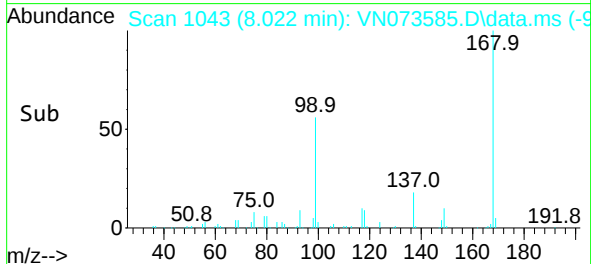
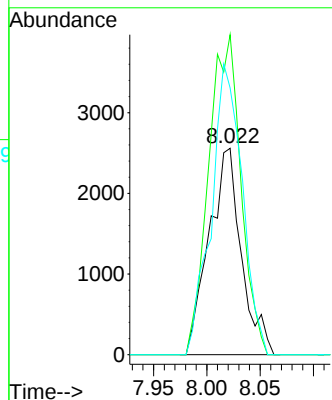


#31
Cyclohexane
Concen: 0.976 ug/l
RT: 8.022 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VN073585.D
Acq: 25 Jul 2022 17:37

Instrument :
MSVOA_N
ClientSampleId :
EB-09-07212022

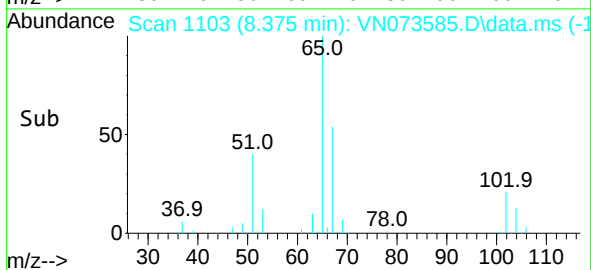
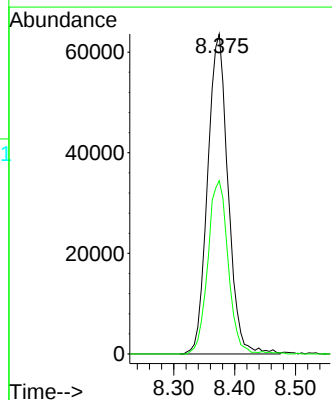
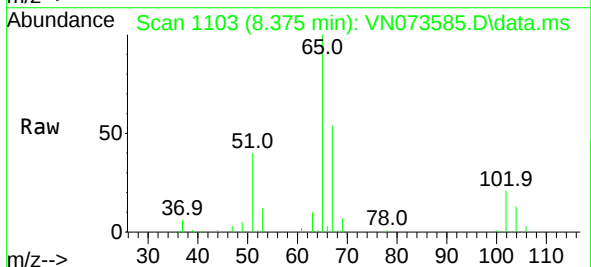


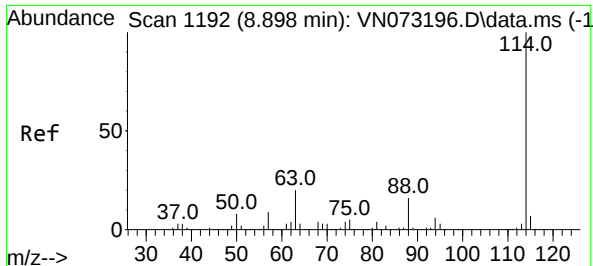
Tgt Ion: 56 Resp: 5375
Ion Ratio Lower Upper
56 100
69 155.0 27.8 41.8#
84 129.2 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 43.990 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073585.D
Acq: 25 Jul 2022 17:37

Tgt Ion: 65 Resp: 147937
Ion Ratio Lower Upper
65 100
67 53.6 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073585.D

Acq: 25 Jul 2022 17:37

Instrument :

MSVOA_N

ClientSampleId :

EB-09-07212022

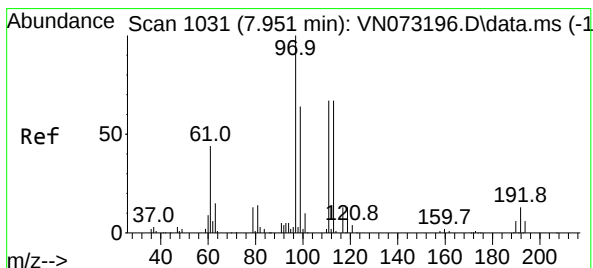
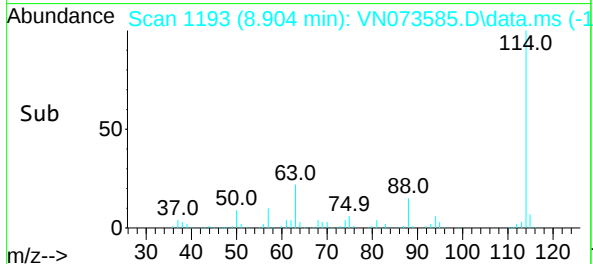
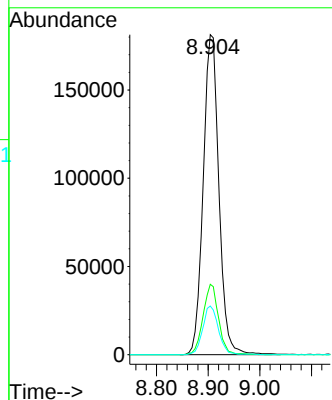
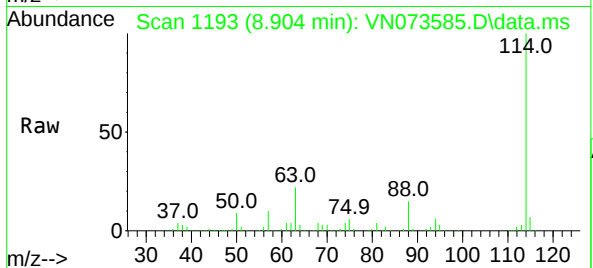
Tgt Ion:114 Resp: 382628

Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.0

88 15.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.689 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073585.D

Acq: 25 Jul 2022 17:37

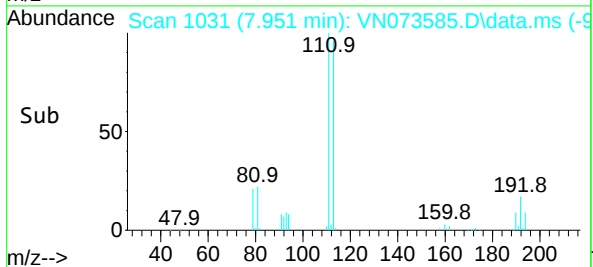
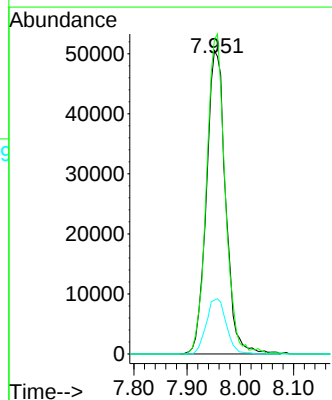
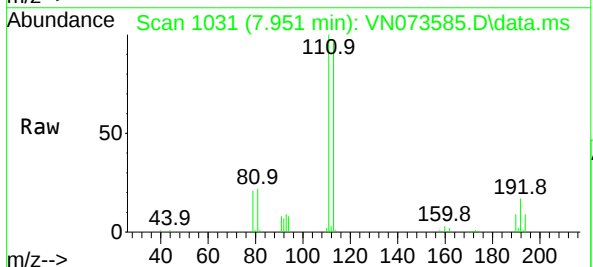
Tgt Ion:113 Resp: 126492

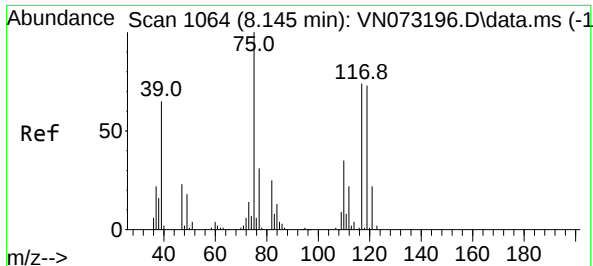
Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

192 18.9 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.068 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073585.D

Acq: 25 Jul 2022 17:37

Instrument :

MSVOA_N

ClientSampleId :

EB-09-07212022

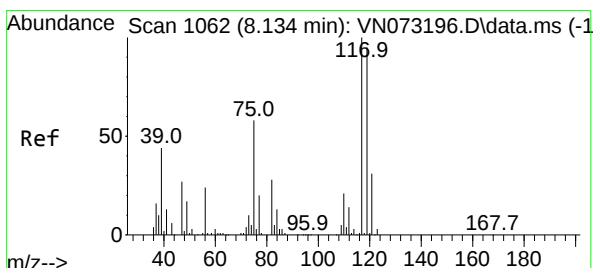
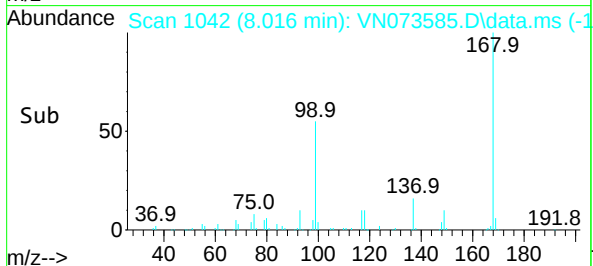
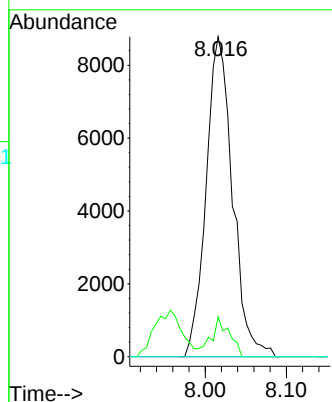
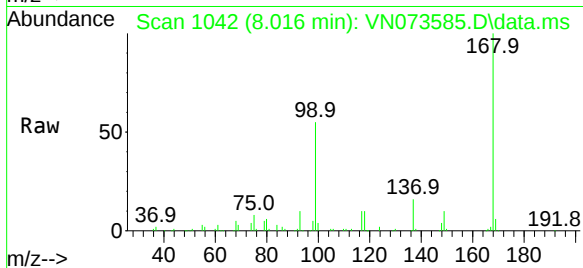
Tgt Ion: 75 Resp: 19850

Ion Ratio Lower Upper

75 100

110 8.4 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.936 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.112 min

Lab File: VN073585.D

Acq: 25 Jul 2022 17:37

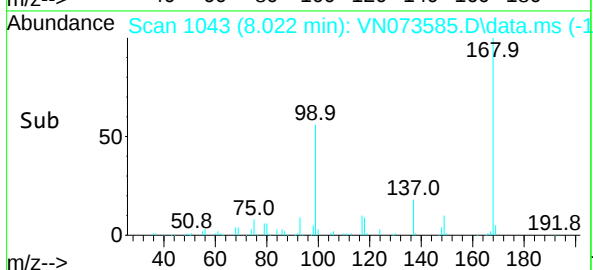
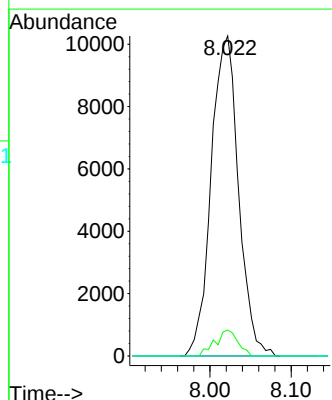
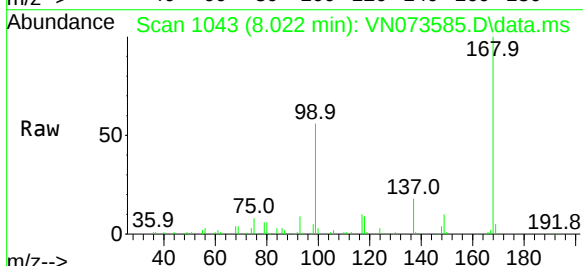
Tgt Ion: 117 Resp: 24045

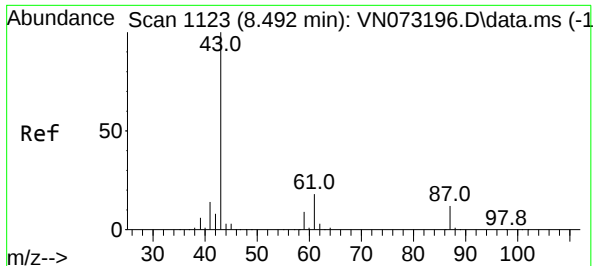
Ion Ratio Lower Upper

117 100

119 8.1 75.8 113.8#

121 0.0 24.6 37.0#

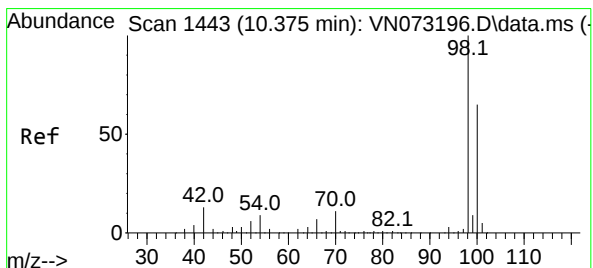
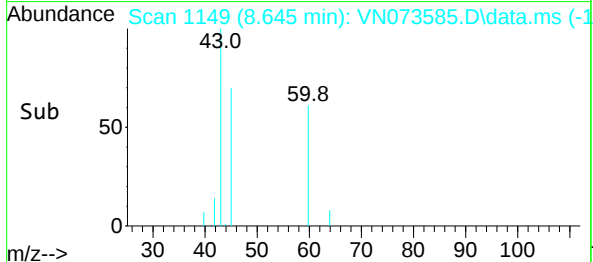
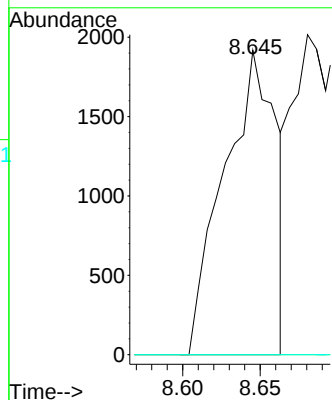
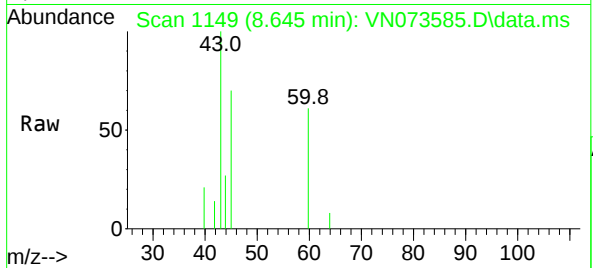




#43
Isopropyl Acetate
Concen: 0.523 ug/l
RT: 8.645 min Scan# 1123
Delta R.T. 0.153 min
Lab File: VN073585.D
Acq: 25 Jul 2022 17:37

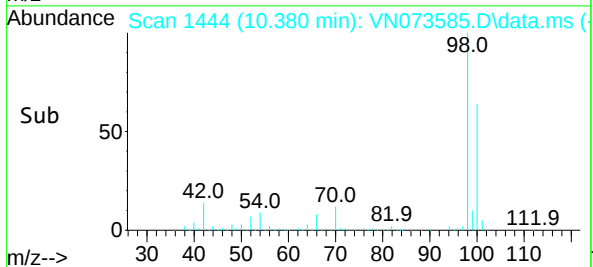
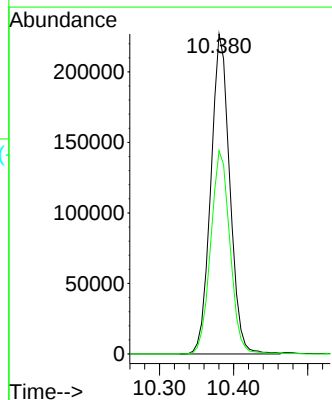
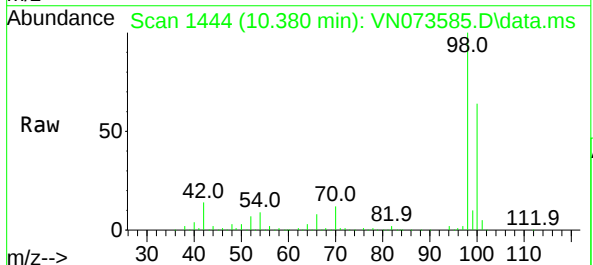
Instrument :
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EB-09-07212022

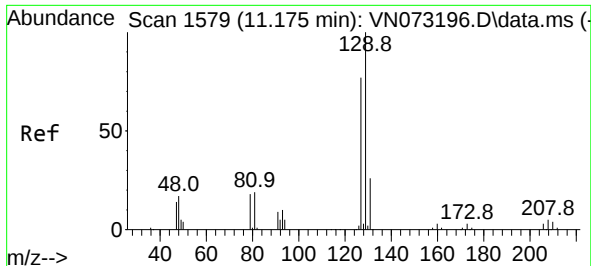
Tgt Ion: 43 Resp: 4452
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 44.525 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073585.D
Acq: 25 Jul 2022 17:37

Tgt Ion: 98 Resp: 402572
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8

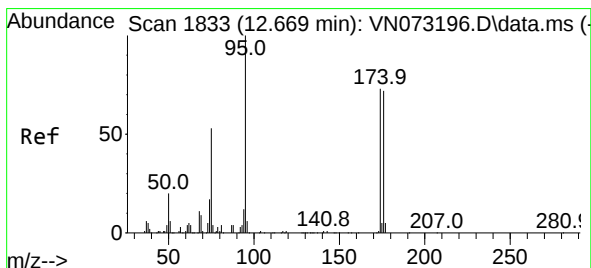
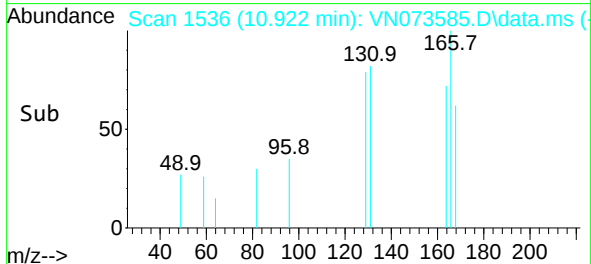
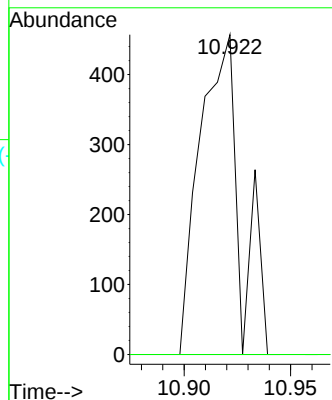
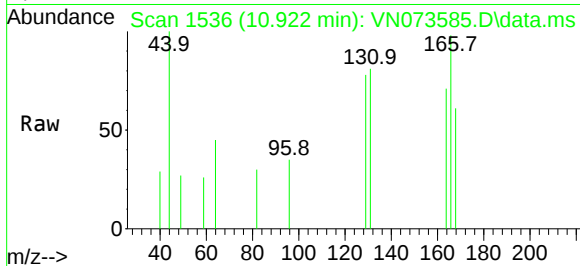




#60
Dibromochloromethane
Concen: 0.206 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.253 min
Lab File: VN073585.D
Acq: 25 Jul 2022 17:37

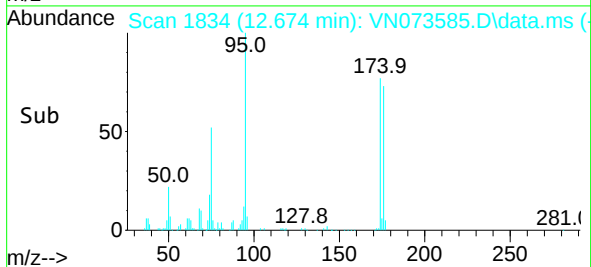
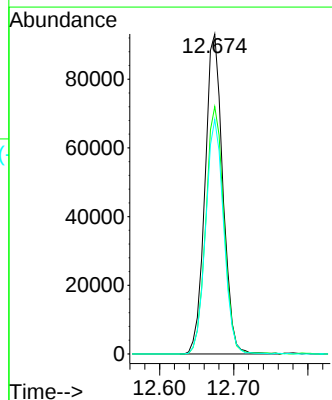
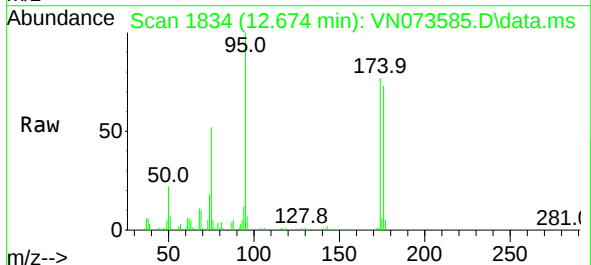
Instrument :
MSVOA_N
ClientSampleId :
EB-09-07212022

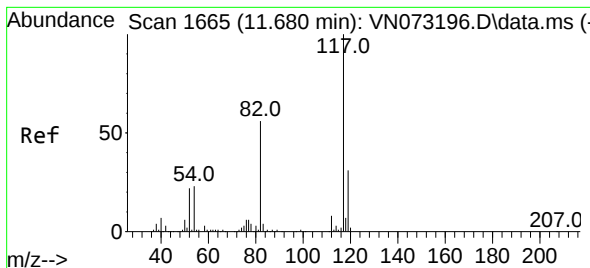
Tgt Ion:129 Resp: 603
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 44.727 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073585.D
Acq: 25 Jul 2022 17:37

Tgt Ion: 95 Resp: 155406
Ion Ratio Lower Upper
95 100
174 78.3 0.0 167.6
176 73.8 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073585.D

Acq: 25 Jul 2022 17:37

Instrument :

MSVOA_N

ClientSampleId :

EB-09-07212022

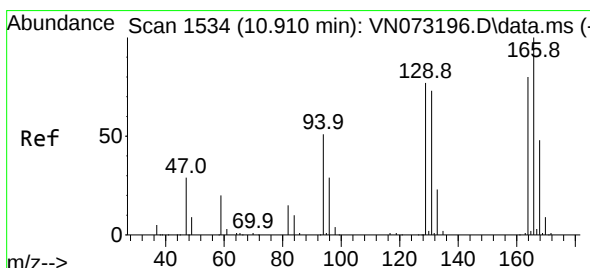
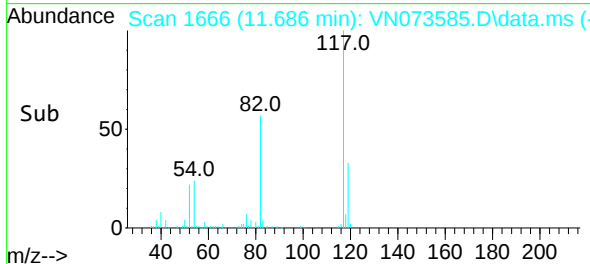
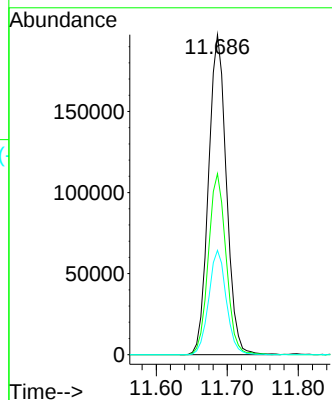
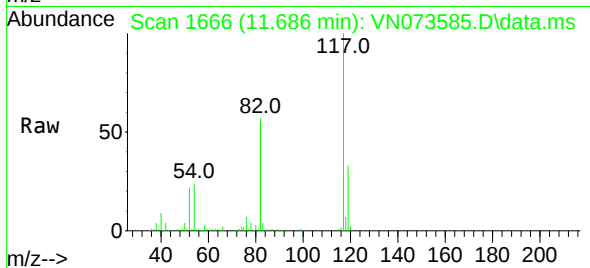
Tgt Ion:117 Resp: 345857

Ion Ratio Lower Upper

117 100

82 56.6 44.2 66.2

119 32.6 25.4 38.0



#64

Tetrachloroethene

Concen: 0.268 ug/l

RT: 10.916 min Scan# 1535

Delta R.T. 0.006 min

Lab File: VN073585.D

Acq: 25 Jul 2022 17:37

Tgt Ion:164 Resp: 756

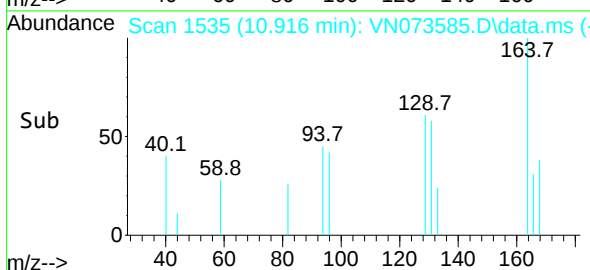
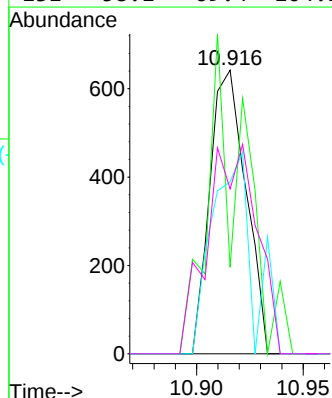
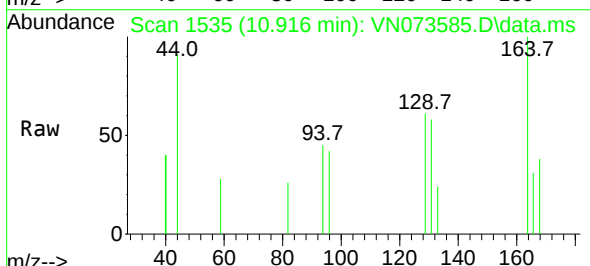
Ion Ratio Lower Upper

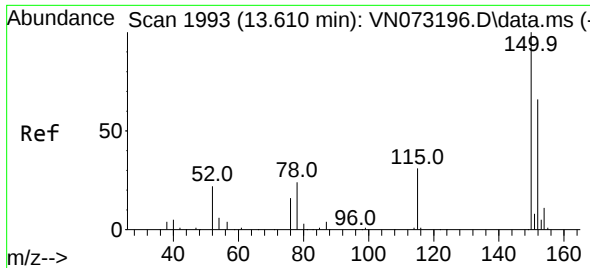
164 100

166 30.5 104.2 156.2#

129 60.6 73.9 110.9#

131 58.1 69.4 104.2#

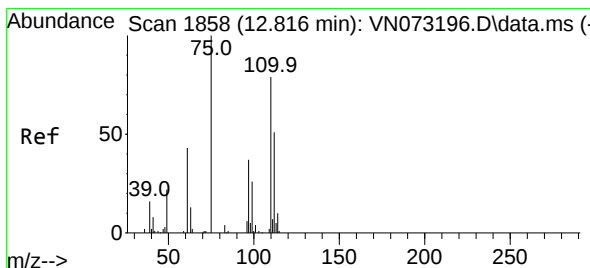
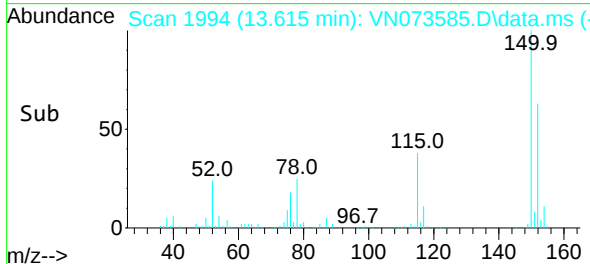
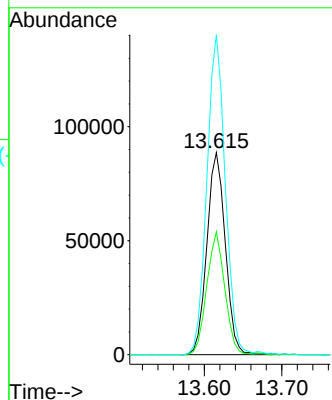
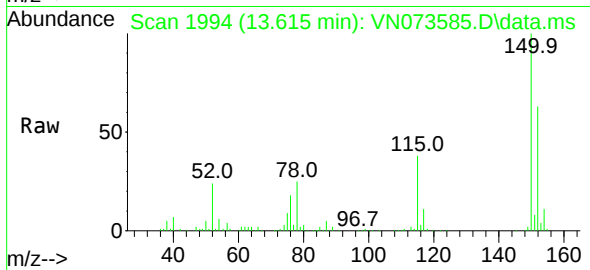




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1993
 Delta R.T. 0.005 min
 Lab File: VN073585.D
 Acq: 25 Jul 2022 17:37

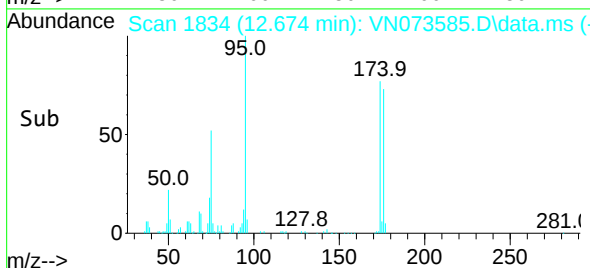
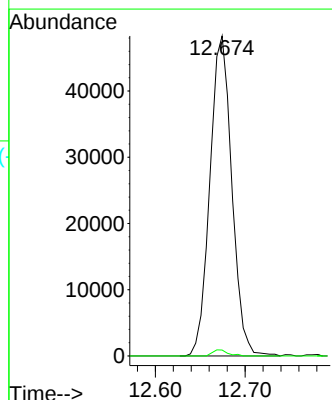
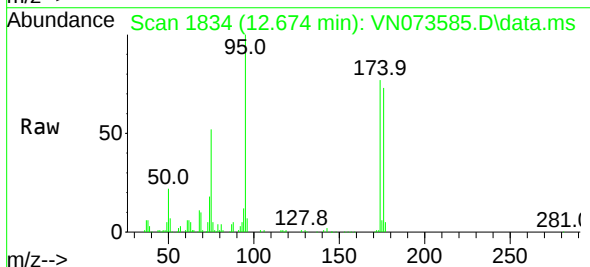
Instrument :
 MSVOA_N
 ClientSampleId :
 EB-09-07212022

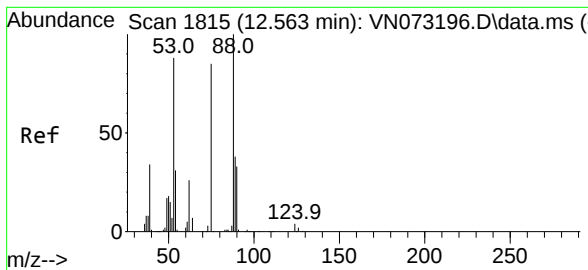
Tgt Ion:152 Resp: 146946
 Ion Ratio Lower Upper
 152 100
 115 59.0 28.9 86.7
 150 158.2 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 21.361 ug/l
 RT: 12.674 min Scan# 1834
 Delta R.T. -0.142 min
 Lab File: VN073585.D
 Acq: 25 Jul 2022 17:37

Tgt Ion: 75 Resp: 82076
 Ion Ratio Lower Upper
 75 100
 77 1.3 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.582 ug/l
 RT: 12.674 min Scan# 11
 Delta R.T. 0.111 min
 Lab File: VN073585.D
 Acq: 25 Jul 2022 17:37

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-09-07212022

Tgt Ion: 75 Resp: 82076
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#

