

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071522\
 Data File : VN073481.D
 Acq On : 15 Jul 2022 13:17
 Operator : JC\MD
 Sample : N3726-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-OWS

Quant Time: Jul 16 04:13:08 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)

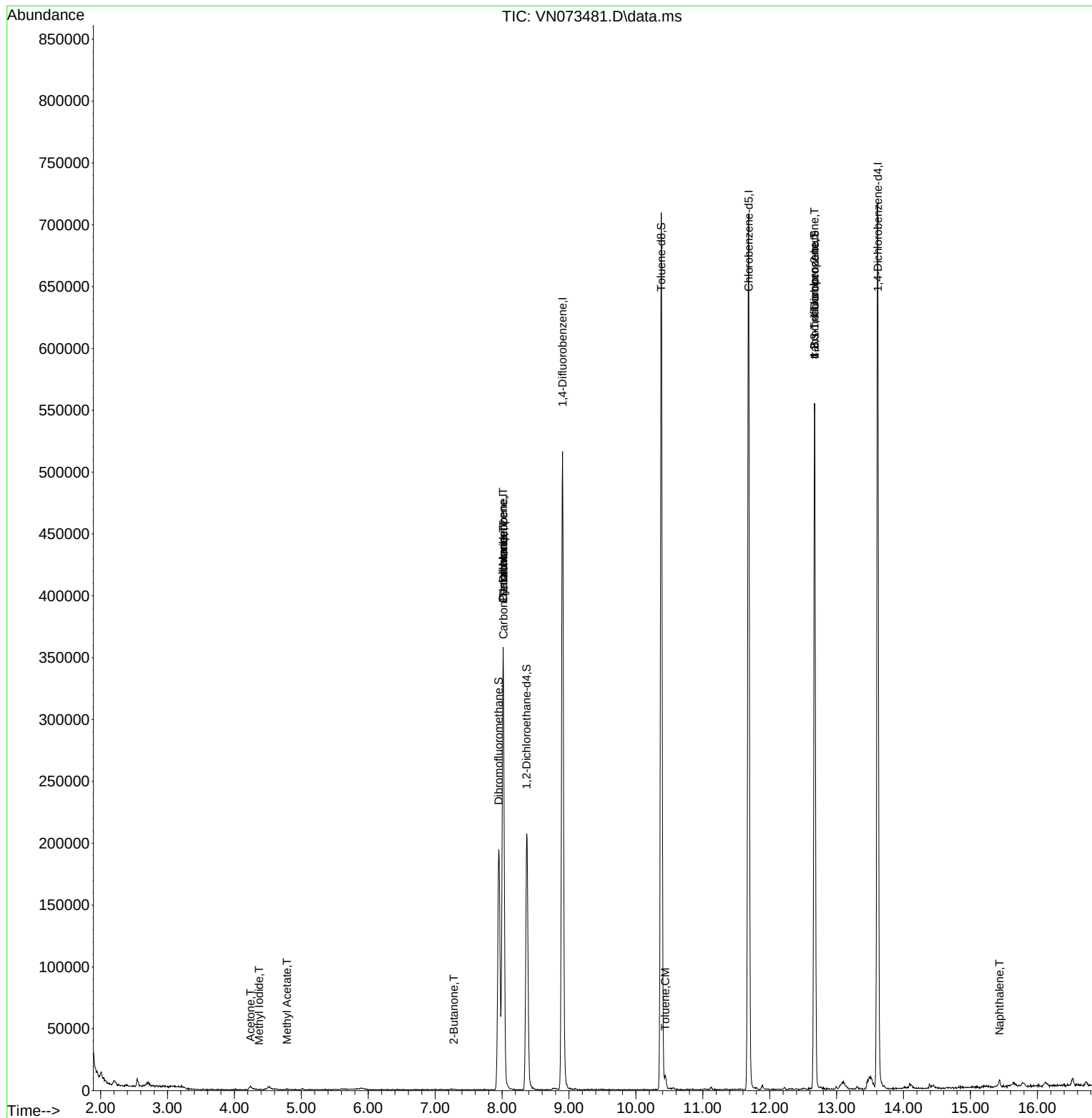
Internal Standards						
1) Pentafluorobenzene	8.016	168	257859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	443837	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	409808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	186913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	178170	47.863	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.720%
35) Dibromofluoromethane	7.951	113	146028	49.452	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.900%
50) Toluene-d8	10.380	98	471937	44.999	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.000%
62) 4-Bromofluorobenzene	12.669	95	195813	48.584	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.160%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.369	142	110	3.760	ug/l #	44
16) Acetone	4.240	43	5494	2.629	ug/l #	86
18) Methyl Acetate	4.787	43	1223	0.209	ug/l #	48
25) 2-Butanone	7.281	43	921	0.277	ug/l #	45
31) Cyclohexane	8.016	56	6405	1.051	ug/l #	33
36) 1,1-Dichloropropene	8.016	75	22186	4.883	ug/l #	47
38) Carbon Tetrachloride	8.022	117	26793	5.702	ug/l #	15
52) Toluene	10.439	92	3047	0.352	ug/l	97
76) 1,2,3-Trichloropropane	12.669	75	102118	20.894	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	102118	57.301	ug/l #	10
95) Naphthalene	15.433	128	5236	0.363	ug/l	98

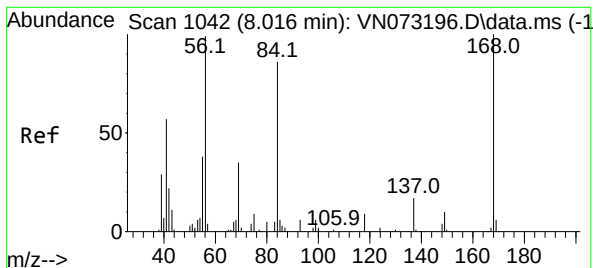
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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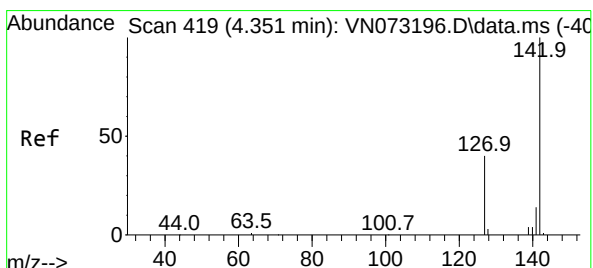
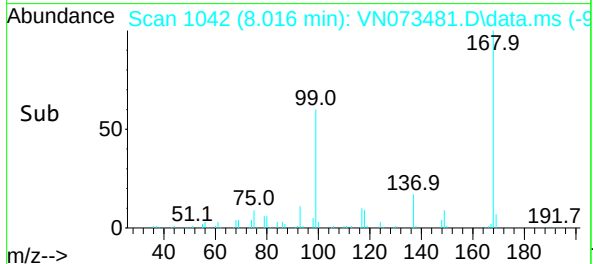
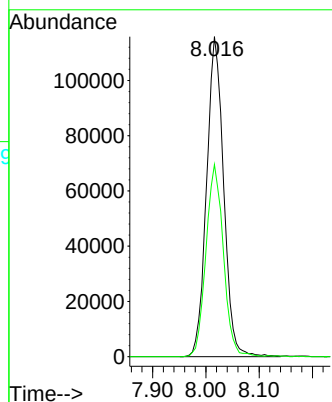
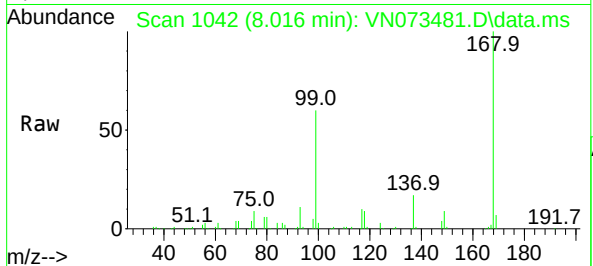




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073481.D
Acq: 15 Jul 2022 13:17

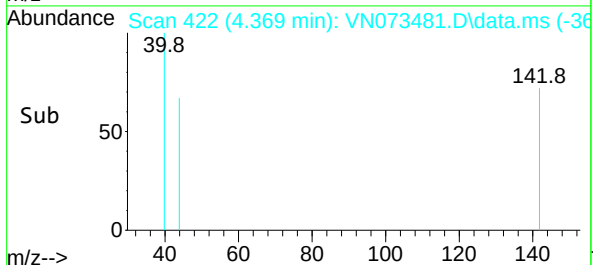
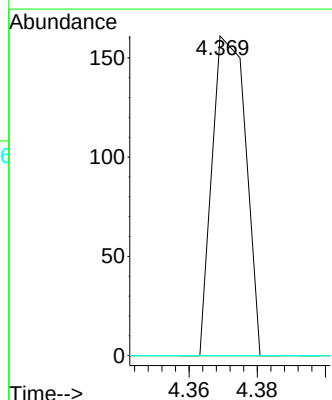
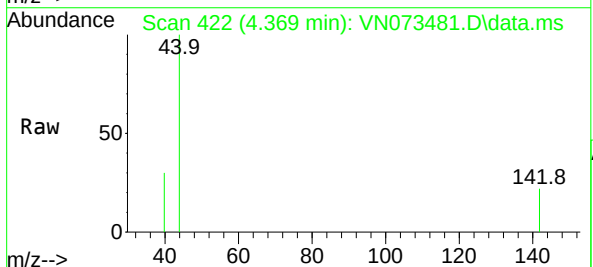
Instrument :
MSVOA_N
ClientSampleId :
TW-OWS

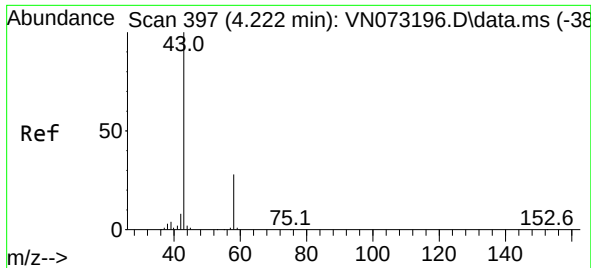
Tgt Ion:168 Resp: 257859
Ion Ratio Lower Upper
168 100
99 60.0 42.3 63.5



#10
Methyl Iodide
Concen: 3.760 ug/l
RT: 4.369 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN073481.D
Acq: 15 Jul 2022 13:17

Tgt Ion:142 Resp: 110
Ion Ratio Lower Upper
142 100
127 0.0 31.3 46.9#
141 0.0 11.2 16.8#

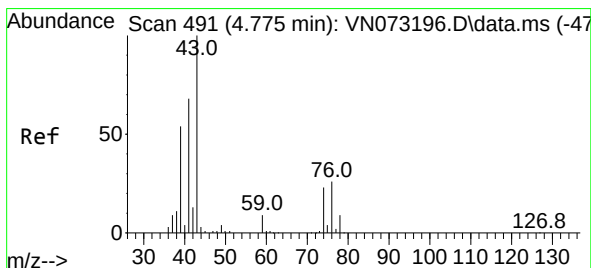
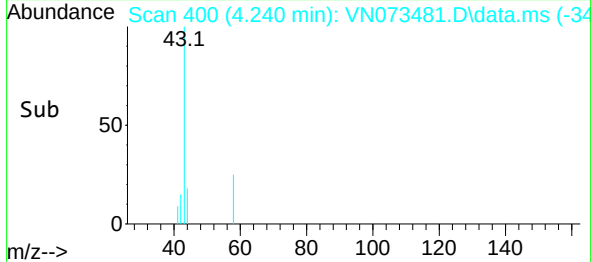
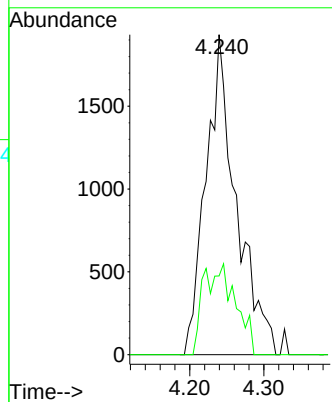
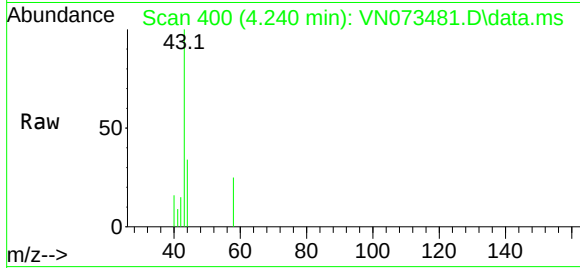




#16
Acetone
Concen: 2.629 ug/l
RT: 4.240 min Scan# 40
Delta R.T. 0.018 min
Lab File: VN073481.D
Acq: 15 Jul 2022 13:17

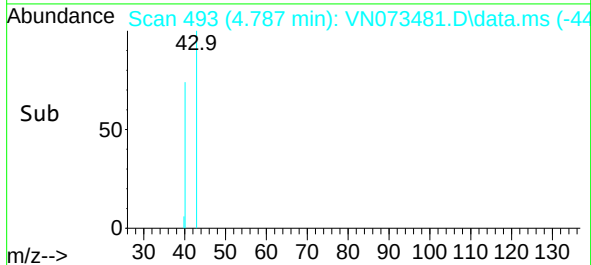
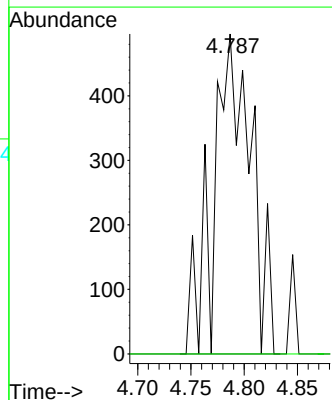
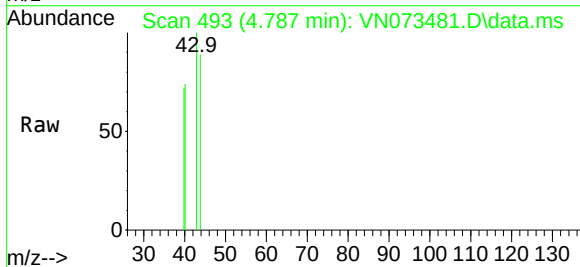
Instrument :
MSVOA_N
ClientSampleId :
TW-OWS

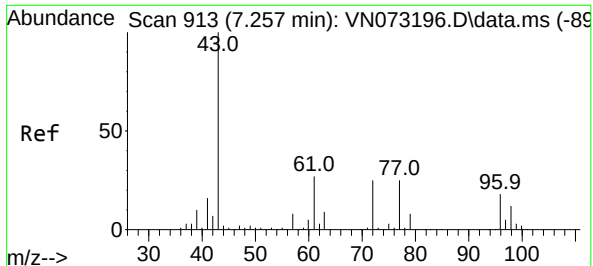
Tgt Ion: 43 Resp: 5494
Ion Ratio Lower Upper
43 100
58 24.6 26.0 39.0#



#18
Methyl Acetate
Concen: 0.209 ug/l
RT: 4.787 min Scan# 493
Delta R.T. 0.012 min
Lab File: VN073481.D
Acq: 15 Jul 2022 13:17

Tgt Ion: 43 Resp: 1223
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#





#25

2-Butanone

Concen: 0.277 ug/l

RT: 7.281 min Scan# 91

Delta R.T. 0.024 min

Lab File: VN073481.D

Acq: 15 Jul 2022 13:17

Instrument :

MSVOA_N

ClientSampleId :

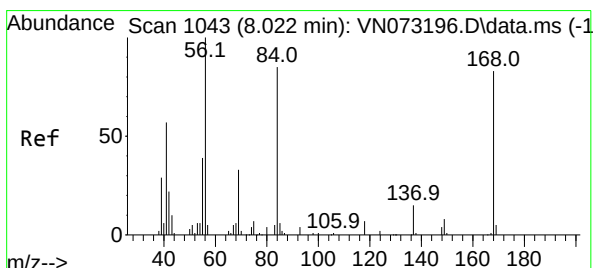
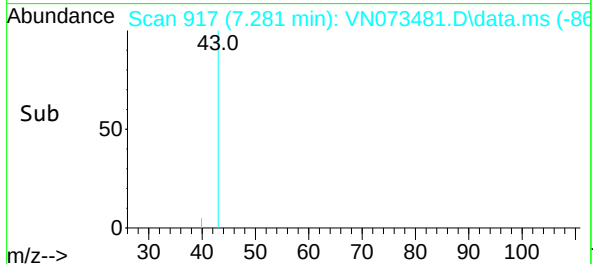
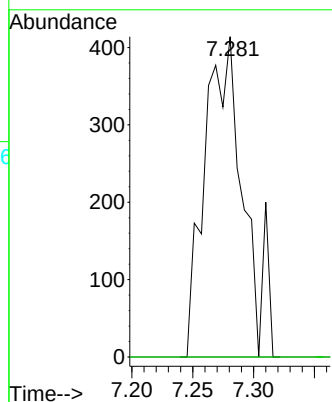
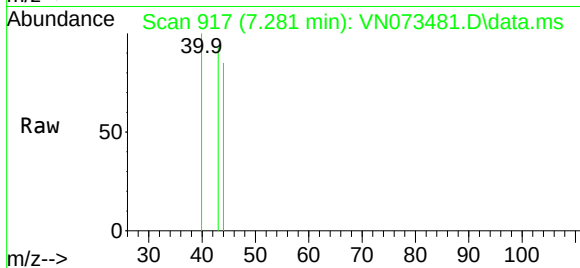
TW-OWS

Tgt Ion: 43 Resp: 921

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#31

Cyclohexane

Concen: 1.051 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VN073481.D

Acq: 15 Jul 2022 13:17

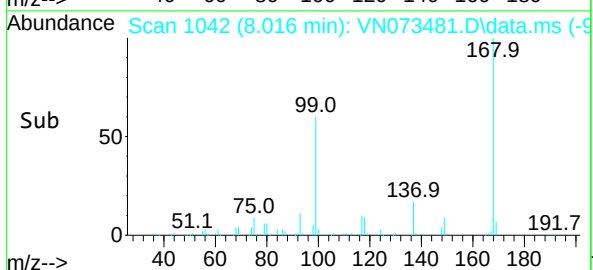
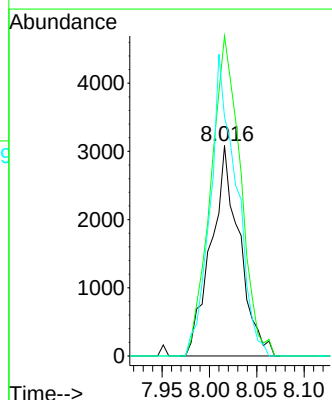
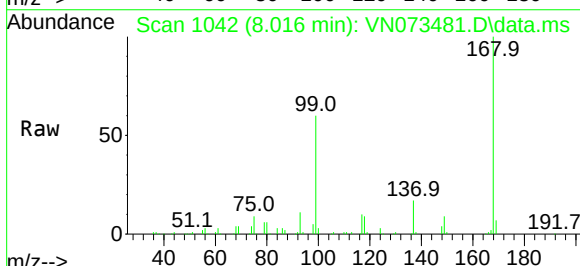
Tgt Ion: 56 Resp: 6405

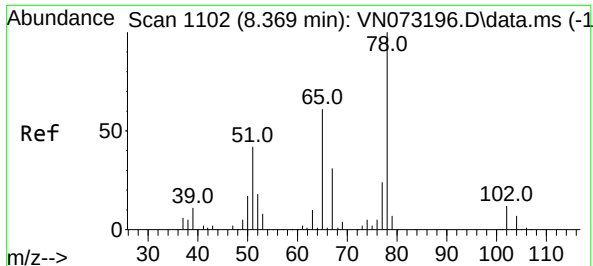
Ion Ratio Lower Upper

56 100

69 152.1 27.8 41.8#

84 113.5 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 47.863 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073481.D

Acq: 15 Jul 2022 13:17

Instrument :

MSVOA_N

ClientSampleId :

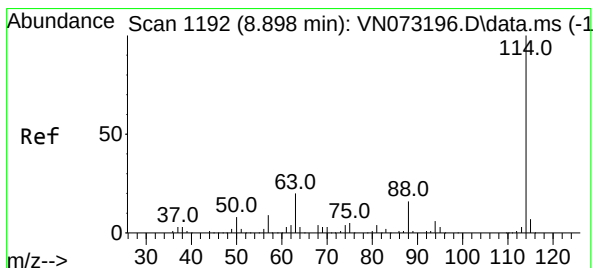
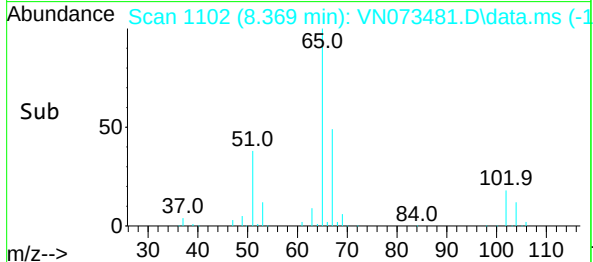
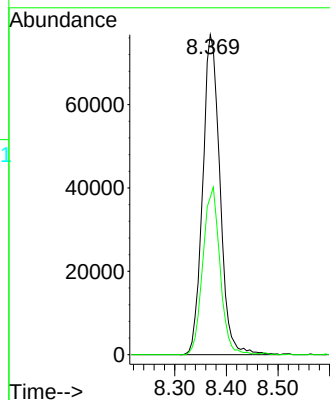
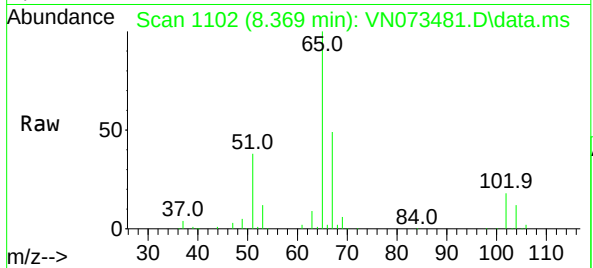
TW-OVS

Tgt Ion: 65 Resp: 178170

Ion Ratio Lower Upper

65 100

67 51.8 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: VN073481.D

Acq: 15 Jul 2022 13:17

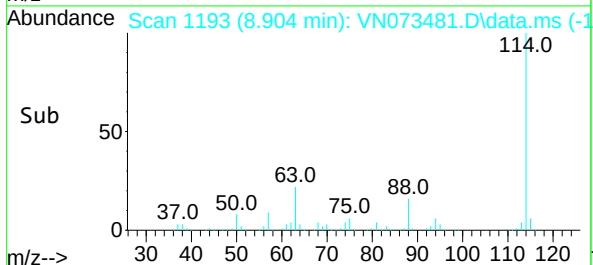
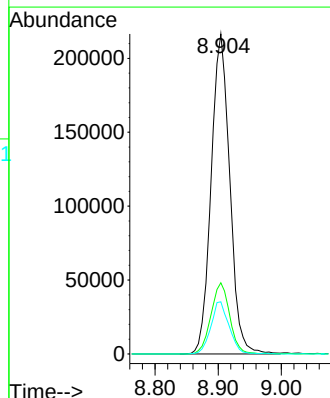
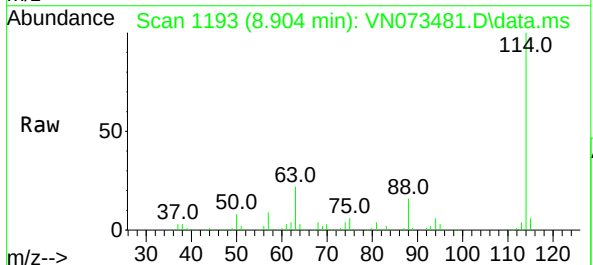
Tgt Ion: 114 Resp: 443837

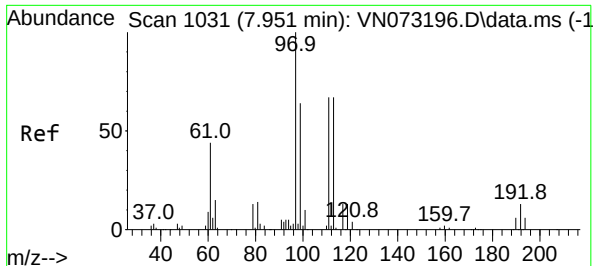
Ion Ratio Lower Upper

114 100

63 22.2 0.0 40.0

88 16.3 0.0 32.6

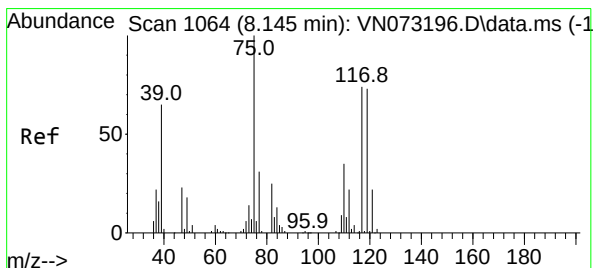
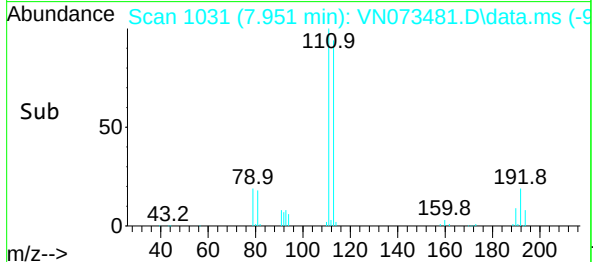
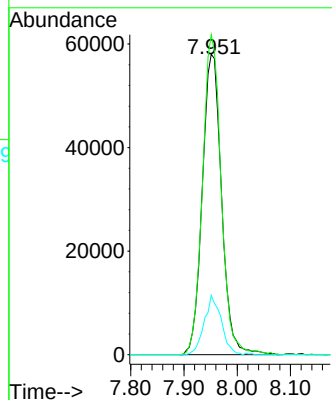
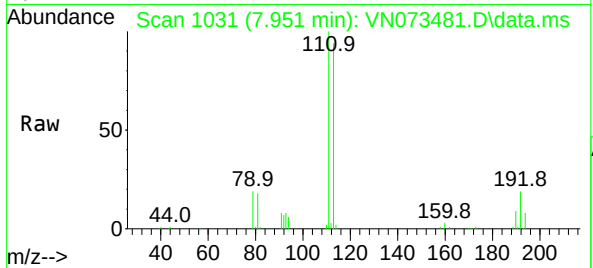




#35
Dibromofluoromethane
Concen: 49.452 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073481.D
Acq: 15 Jul 2022 13:17

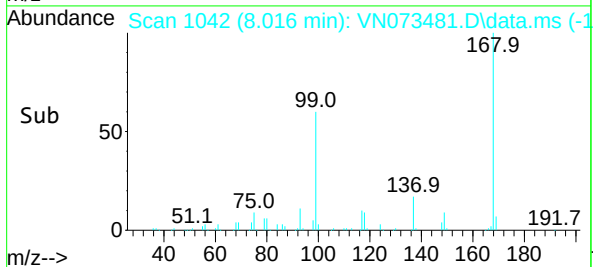
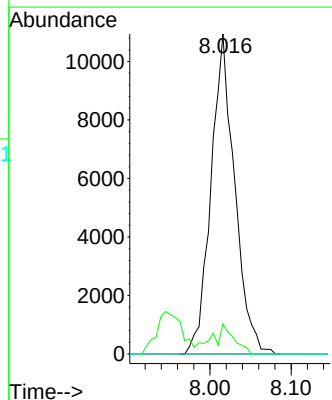
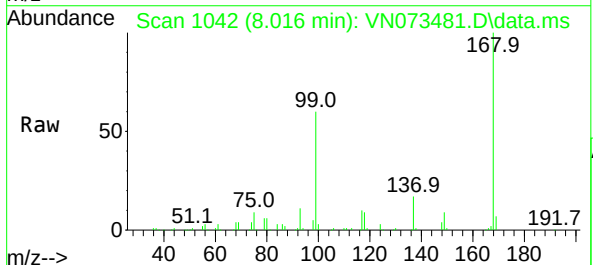
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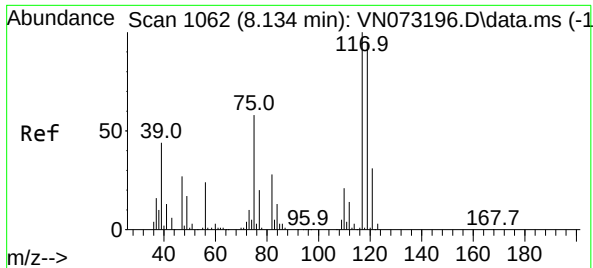
Tgt Ion:113 Resp: 146028
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.0
192 17.5 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.883 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.129 min
Lab File: VN073481.D
Acq: 15 Jul 2022 13:17

Tgt Ion: 75 Resp: 22186
Ion Ratio Lower Upper
75 100
110 7.5 18.3 54.8#
77 0.0 25.1 37.7#

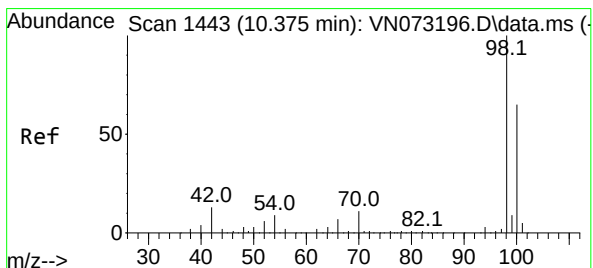
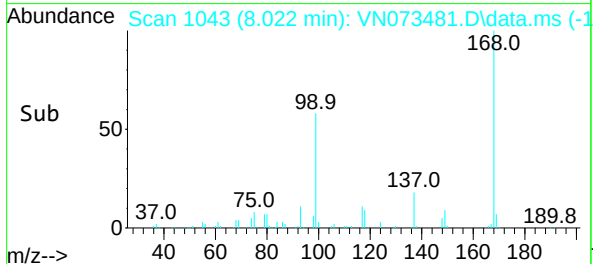
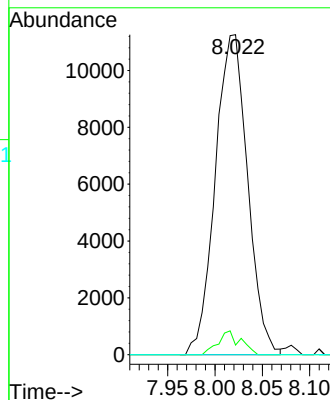
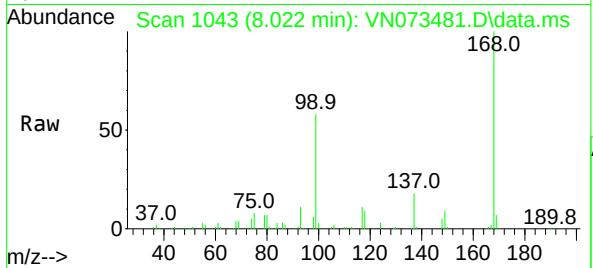




#38
Carbon Tetrachloride
Concen: 5.702 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.112 min
Lab File: VN073481.D
Acq: 15 Jul 2022 13:17

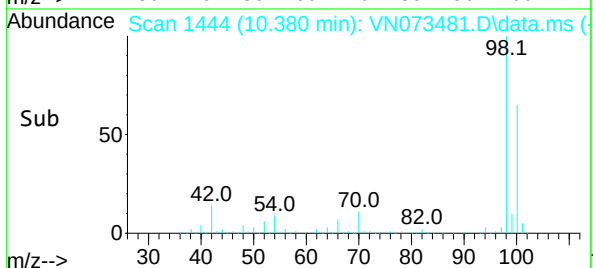
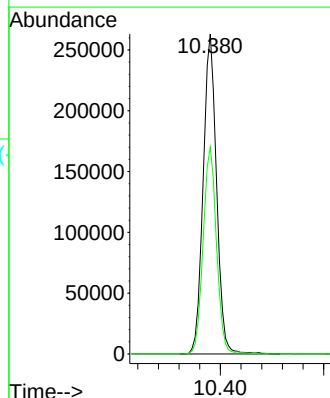
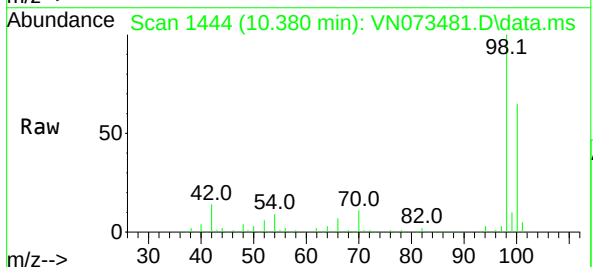
Instrument :
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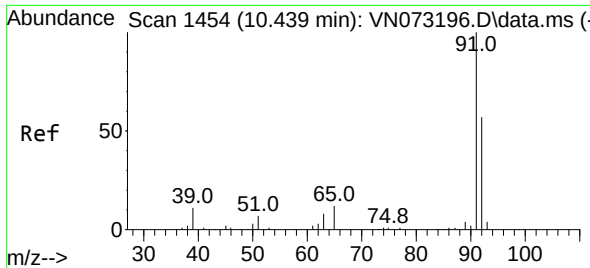
Tgt Ion:117 Resp: 26793
Ion Ratio Lower Upper
117 100
119 3.0 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 44.999 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073481.D
Acq: 15 Jul 2022 13:17

Tgt Ion: 98 Resp: 471937
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8

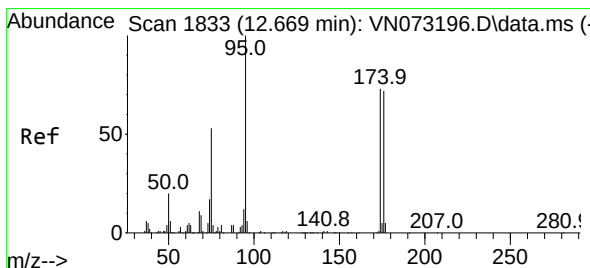
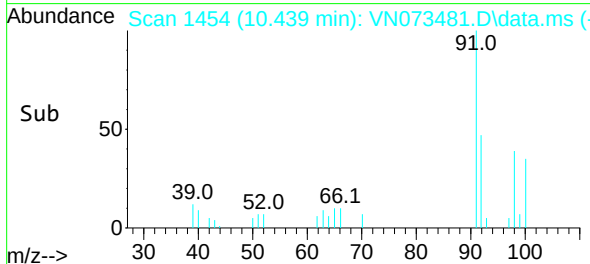
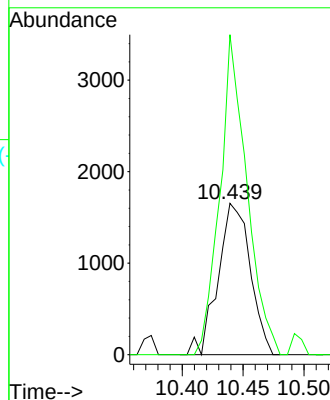
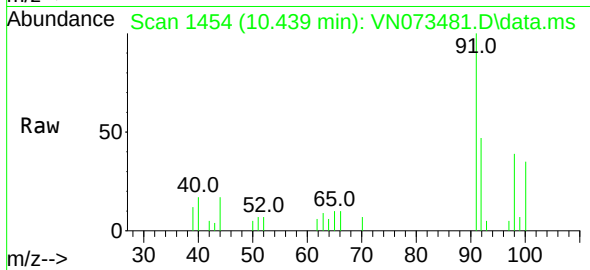




#52
Toluene
Concen: 0.352 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073481.D
Acq: 15 Jul 2022 13:17

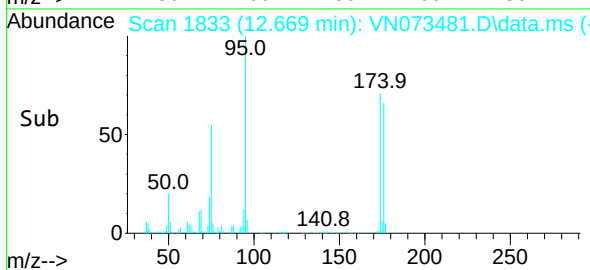
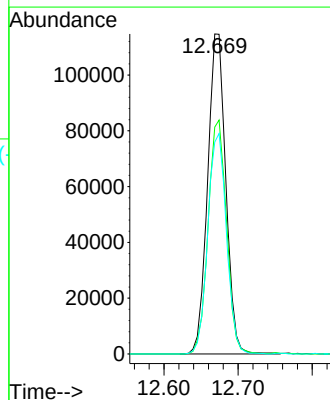
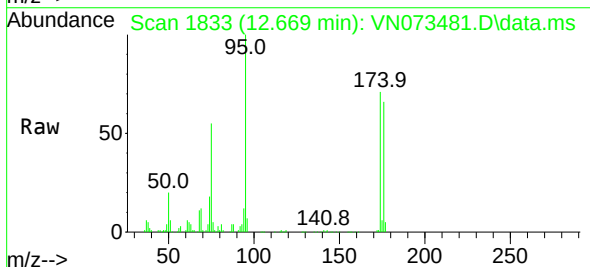
Instrument :
MSVOA_N
ClientSampleId :
TW-OWS

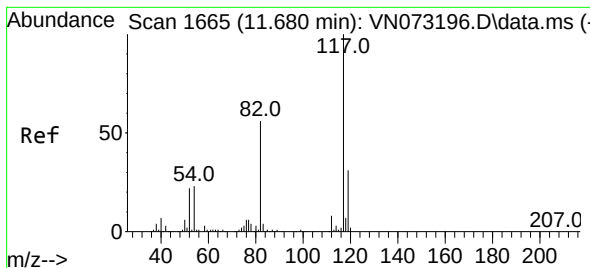
Tgt Ion: 92 Resp: 3047
Ion Ratio Lower Upper
92 100
91 177.6 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 48.584 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073481.D
Acq: 15 Jul 2022 13:17

Tgt Ion: 95 Resp: 195813
Ion Ratio Lower Upper
95 100
174 74.0 0.0 167.6
176 70.6 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: VN073481.D

Acq: 15 Jul 2022 13:17

Instrument :

MSVOA_N

ClientSampleId :

TW-OWS

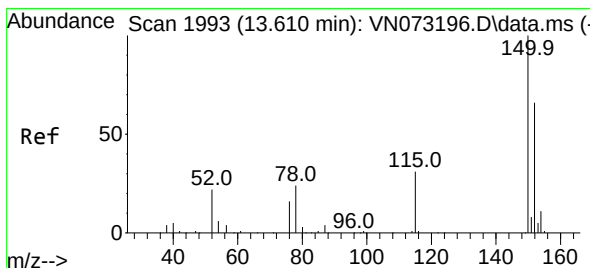
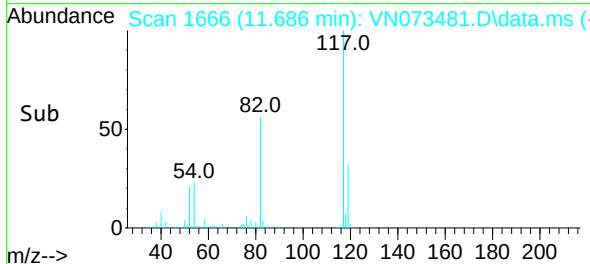
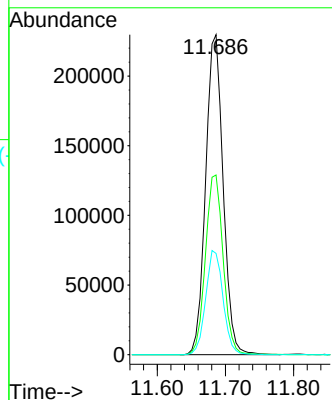
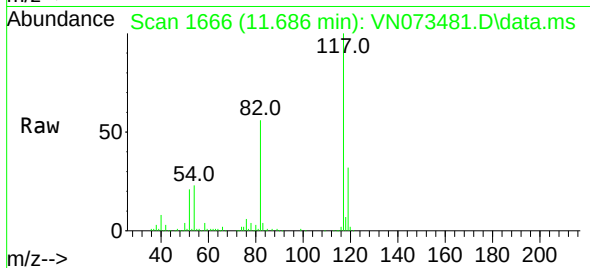
Tgt Ion:117 Resp: 409808

Ion Ratio Lower Upper

117 100

82 56.2 44.2 66.2

119 31.6 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VN073481.D

Acq: 15 Jul 2022 13:17

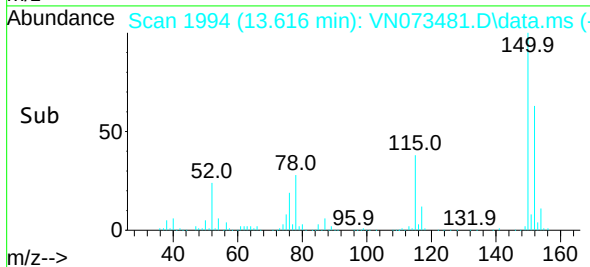
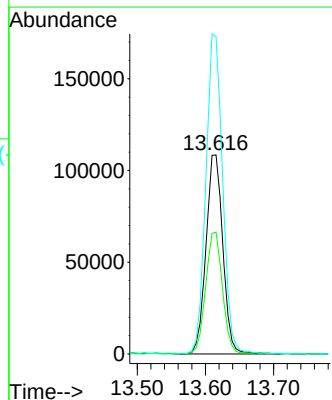
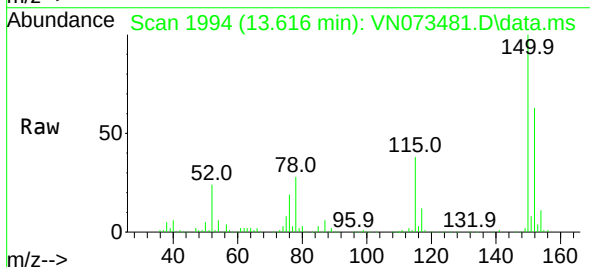
Tgt Ion:152 Resp: 186913

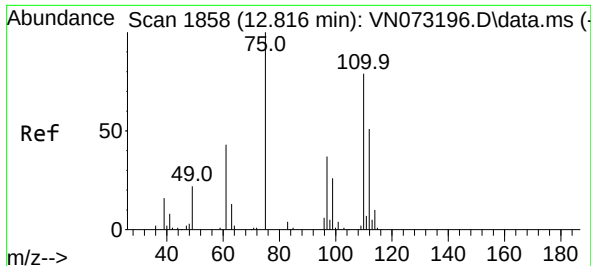
Ion Ratio Lower Upper

152 100

115 61.3 28.9 86.7

150 159.8 0.0 356.2

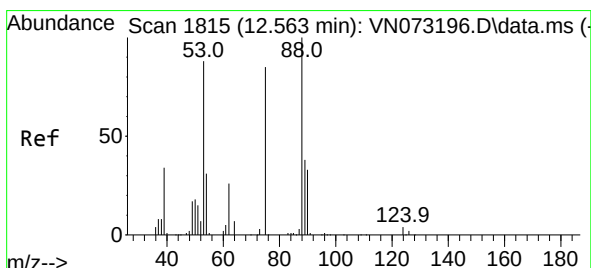
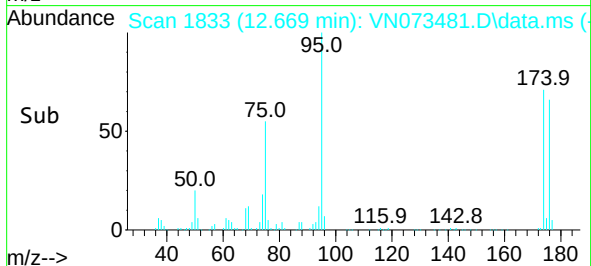
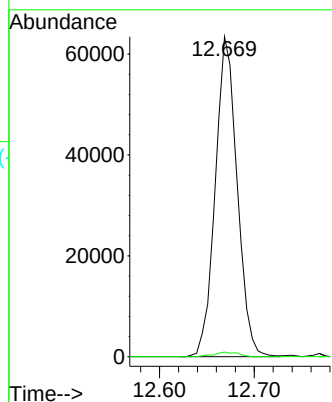
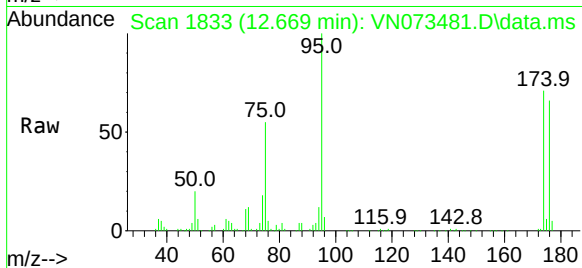




#76
1,2,3-Trichloropropane
Concen: 20.894 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.148 min
Lab File: VN073481.D
Acq: 15 Jul 2022 13:17

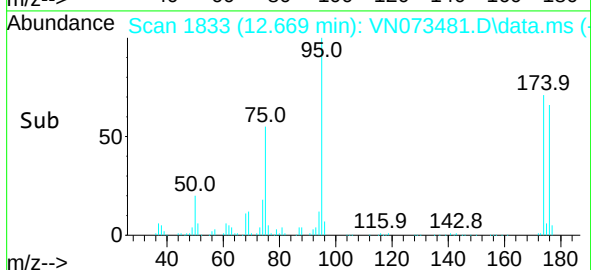
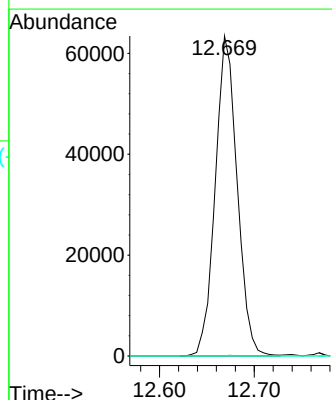
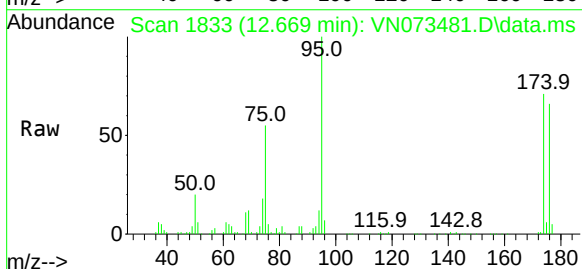
Instrument :
MSVOA_N
ClientSampleId :
TW-OWS

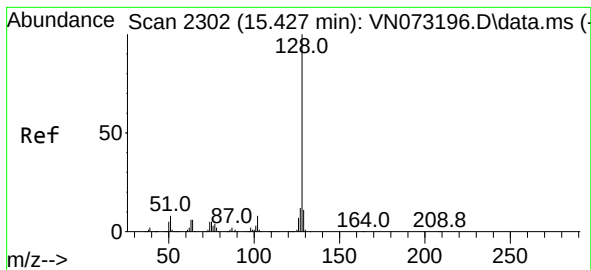
Tgt Ion: 75 Resp: 102118
Ion Ratio Lower Upper
75 100
77 1.6 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.301 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.105 min
Lab File: VN073481.D
Acq: 15 Jul 2022 13:17

Tgt Ion: 75 Resp: 102118
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#





#95

Naphthalene

Concen: 0.363 ug/l

RT: 15.433 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073481.D

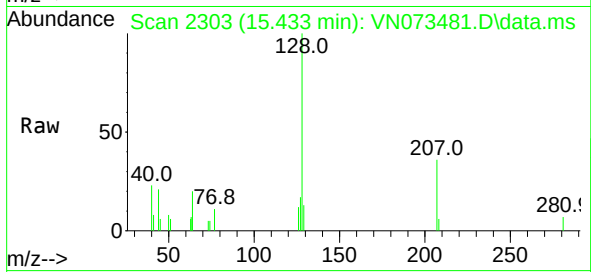
Acq: 15 Jul 2022 13:17

Instrument :

MSVOA_N

ClientSampleId :

TW-OWS



Tgt Ion:128 Resp: 5236

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 9.3 8.6 13.0

