

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070822\
 Data File : VN073400.D
 Acq On : 08 Jul 2022 18:08
 Operator : JC\MD
 Sample : N3657-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Jul 09 05:29:09 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)

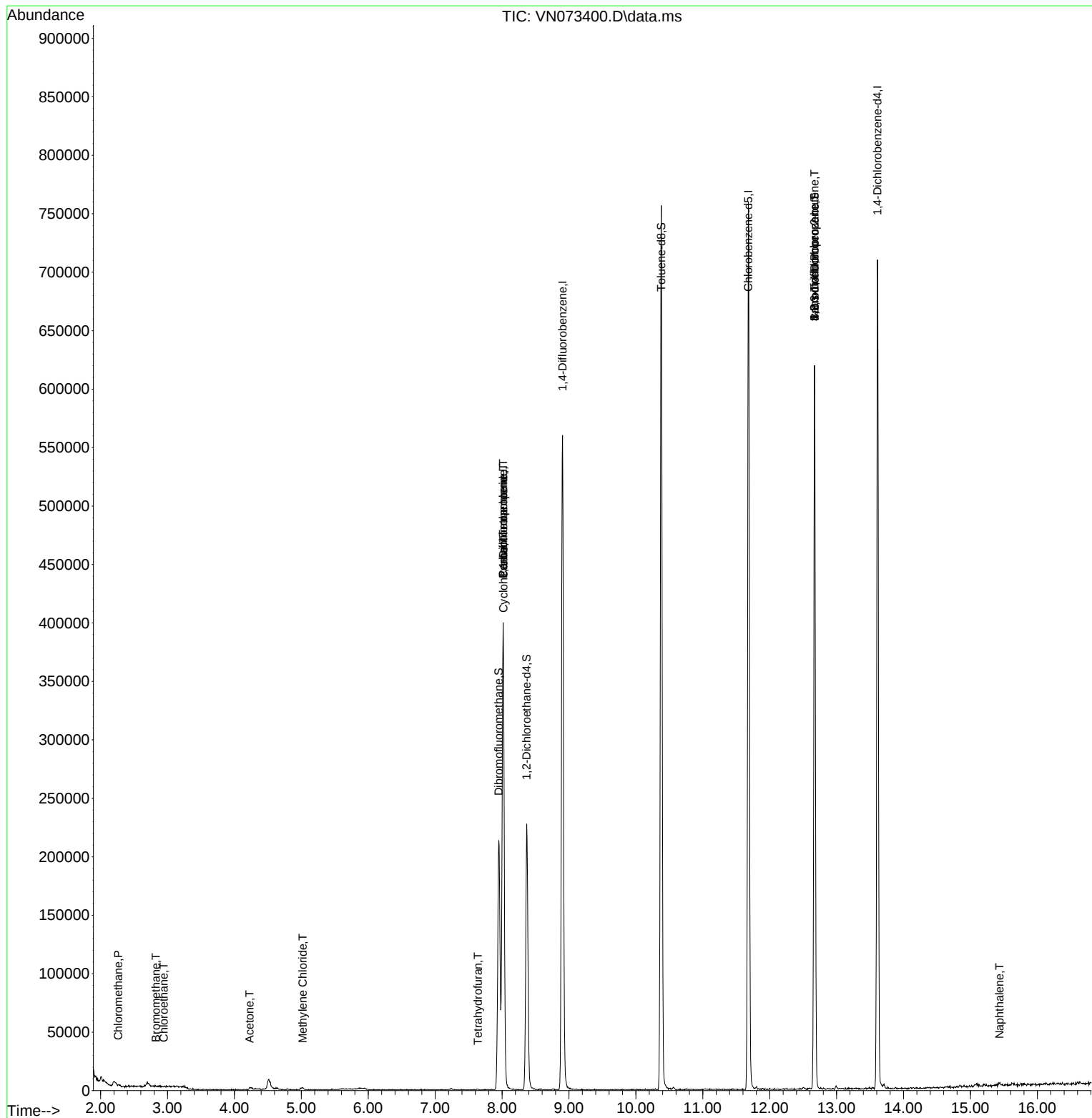
Internal Standards						
1) Pentafluorobenzene	8.016	168	297034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	499391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	440846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	196056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	187535	43.735	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.460%		
35) Dibromofluoromethane	7.951	113	159890	48.123	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.240%		
50) Toluene-d8	10.380	98	521357	44.181	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.360%		
62) 4-Bromofluorobenzene	12.668	95	215159	47.445	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.900%		
Target Compounds						Qvalue
3) Chloromethane	2.263	50	944	0.224	ug/l #	43
5) Bromomethane	2.828	94	380	0.225	ug/l #	51
6) Chloroethane	2.946	64	729	0.346	ug/l #	42
16) Acetone	4.228	43	4281	1.779	ug/l #	84
20) Methylene Chloride	5.022	84	1261	0.298	ug/l	88
29) Tetrahydrofuran	7.639	42	697	0.266	ug/l #	50
31) Cyclohexane	8.022	56	6983	0.994	ug/l #	11
36) 1,1-Dichloropropene	8.016	75	24666	4.825	ug/l #	48
38) Carbon Tetrachloride	8.016	117	30543	5.777	ug/l #	18
71) Bromoform	12.668	173	1734	0.646	ug/l #	28
76) 1,2,3-Trichloropropane	12.668	75	111593	21.768	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	111593	59.698	ug/l #	10
95) Naphthalene	15.433	128	3073	0.203	ug/l #	79

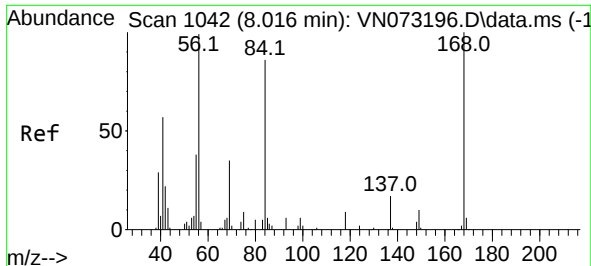
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 09 05:29:09 2022
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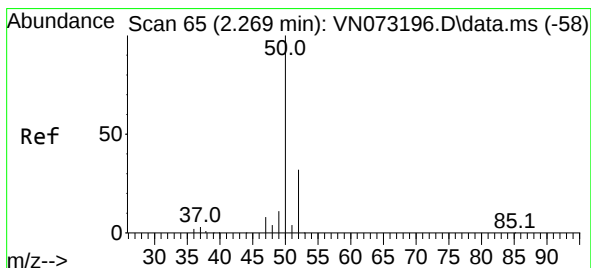
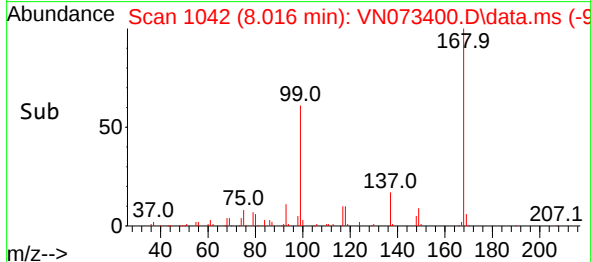
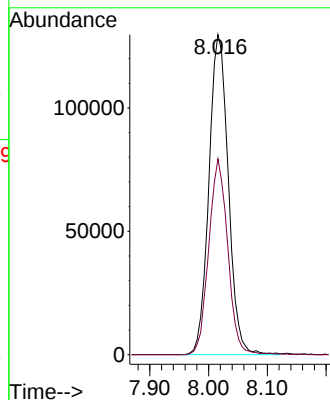
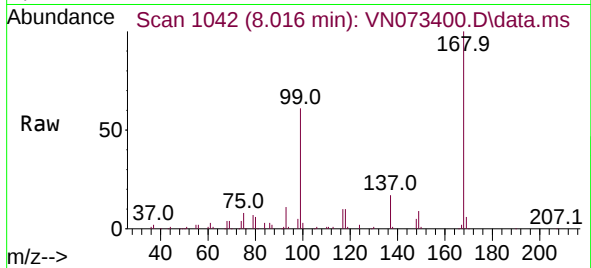




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073400.D
Acq: 08 Jul 2022 18:08

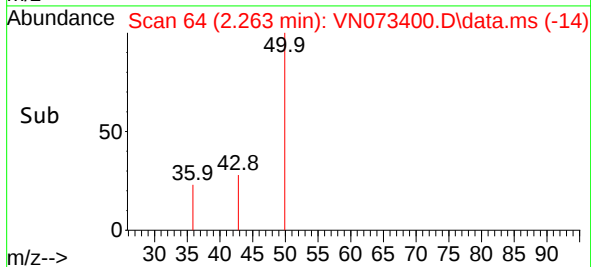
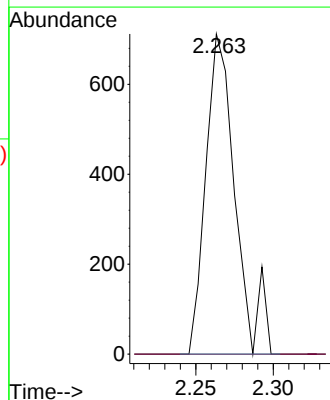
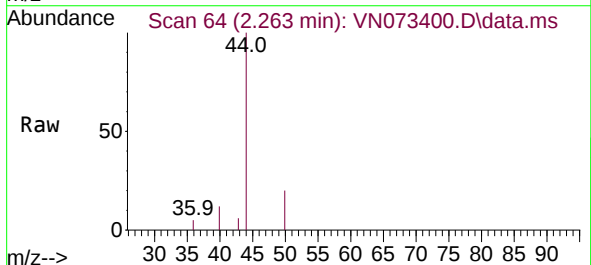
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

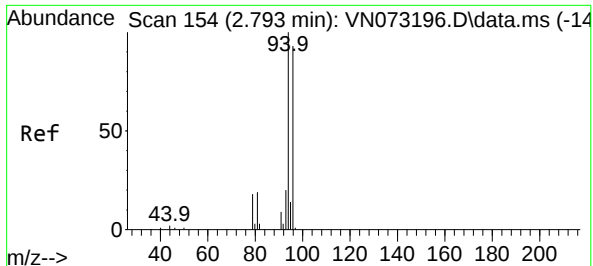
Tgt Ion:168 Resp: 297034
Ion Ratio Lower Upper
168 100
99 61.2 42.3 63.5



#3
Chloromethane
Concen: 0.224 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073400.D
Acq: 08 Jul 2022 18:08

Tgt Ion: 50 Resp: 944
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

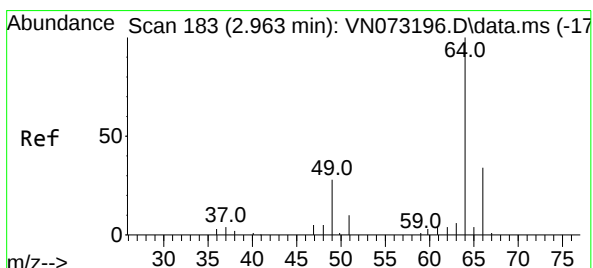
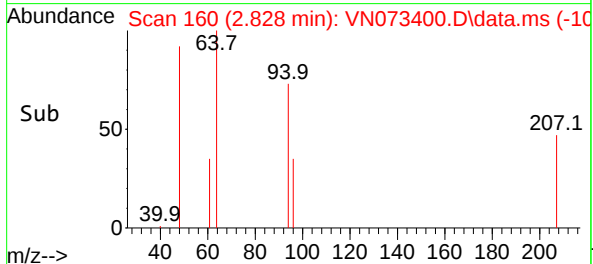
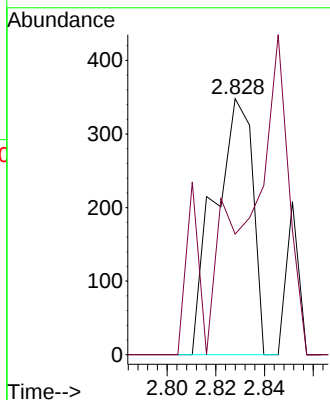
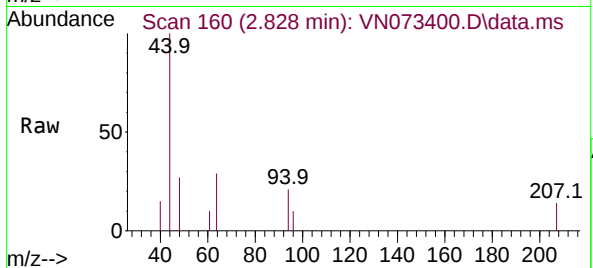




#5
Bromomethane
Concen: 0.225 ug/l
RT: 2.828 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN073400.D
Acq: 08 Jul 2022 18:08

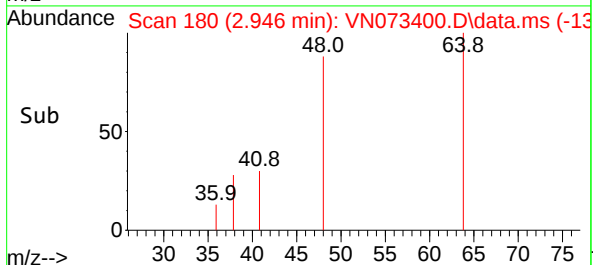
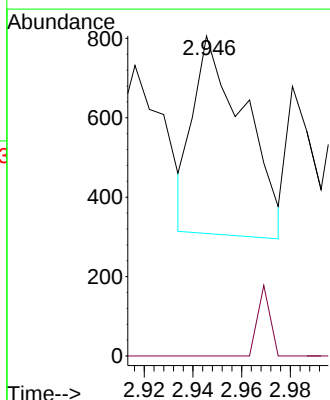
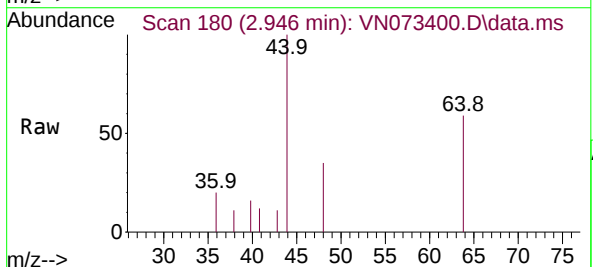
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 94 Resp: 380
Ion Ratio Lower Upper
94 100
96 47.1 76.0 114.0#



#6
Chloroethane
Concen: 0.346 ug/l
RT: 2.946 min Scan# 180
Delta R.T. -0.017 min
Lab File: VN073400.D
Acq: 08 Jul 2022 18:08

Tgt Ion: 64 Resp: 729
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

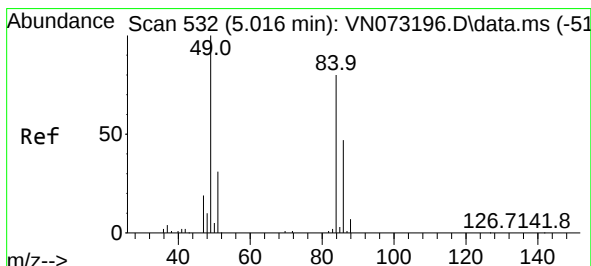
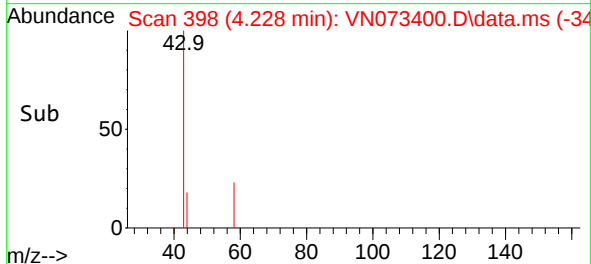
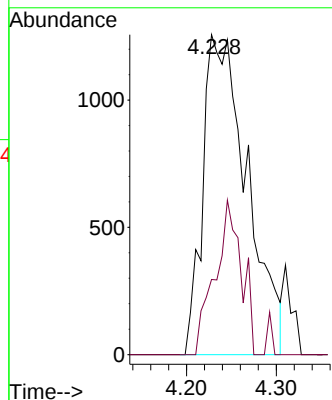
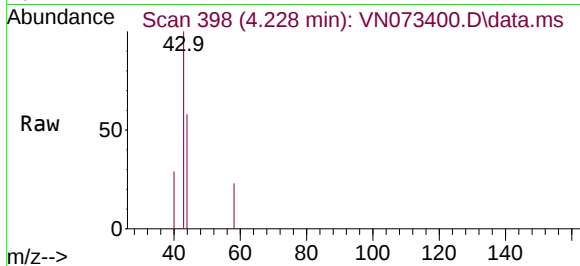




#16
Acetone
Concen: 1.779 ug/l
RT: 4.228 min Scan# 397
Delta R.T. 0.006 min
Lab File: VN073400.D
Acq: 08 Jul 2022 18:08

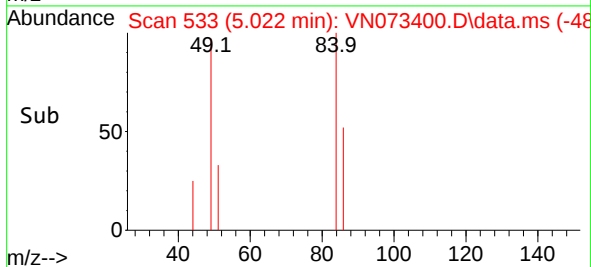
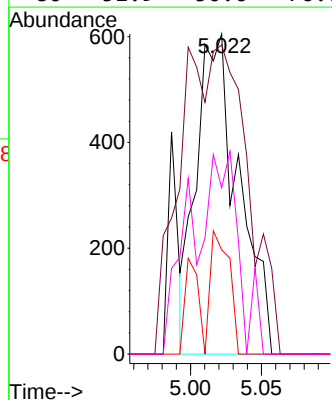
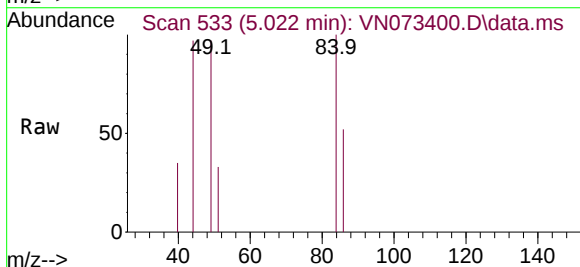
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

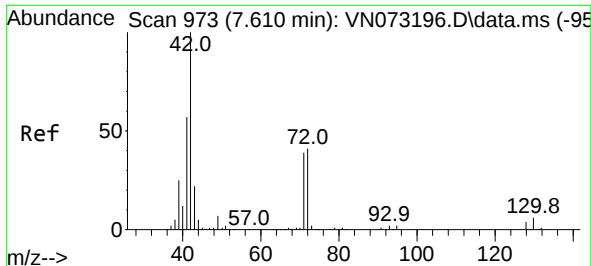
Tgt Ion: 43 Resp: 4281
Ion Ratio Lower Upper
43 100
58 23.5 26.0 39.0#



#20
Methylene Chloride
Concen: 0.298 ug/l
RT: 5.022 min Scan# 533
Delta R.T. 0.006 min
Lab File: VN073400.D
Acq: 08 Jul 2022 18:08

Tgt Ion: 84 Resp: 1261
Ion Ratio Lower Upper
84 100
49 96.5 88.3 132.5
51 32.6 28.2 42.2
86 51.9 50.6 76.0





#29

Tetrahydrofuran

Concen: 0.266 ug/l

RT: 7.639 min Scan# 91

Delta R.T. 0.029 min

Lab File: VN073400.D

Acq: 08 Jul 2022 18:08

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

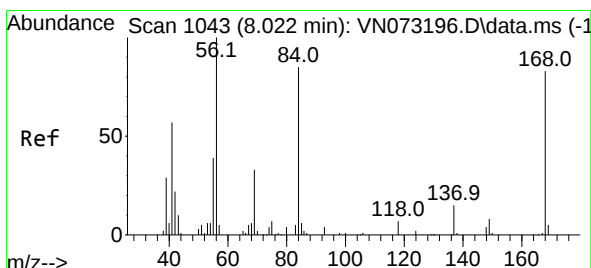
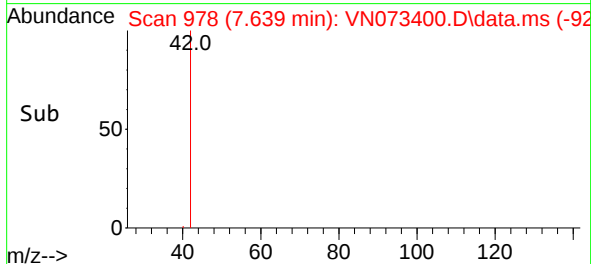
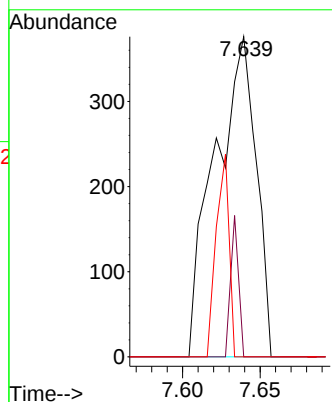
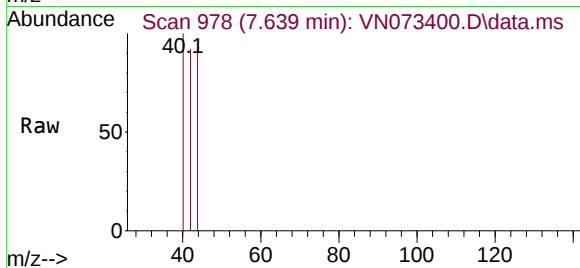
Tgt Ion: 42 Resp: 697

Ion Ratio Lower Upper

42 100

72 8.5 39.7 59.5#

71 19.8 36.6 55.0#



#31

Cyclohexane

Concen: 0.994 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VN073400.D

Acq: 08 Jul 2022 18:08

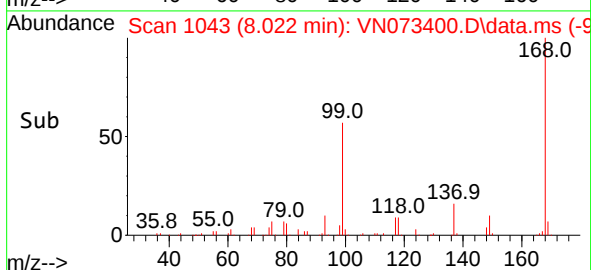
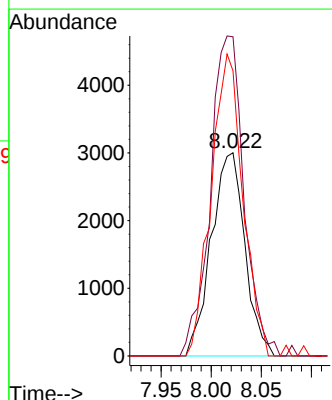
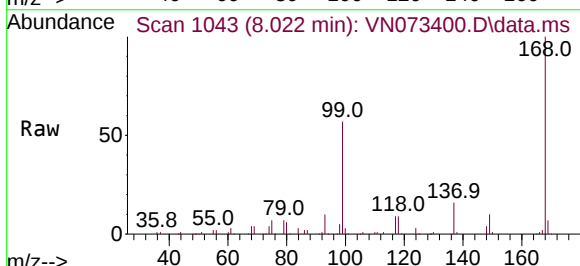
Tgt Ion: 56 Resp: 6983

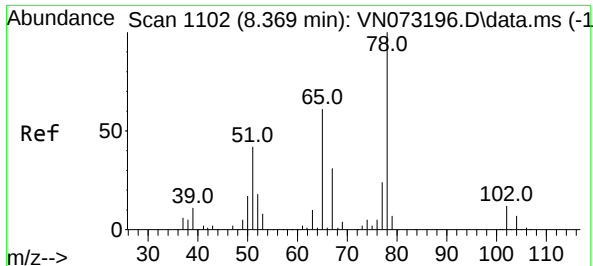
Ion Ratio Lower Upper

56 100

69 157.1 27.8 41.8#

84 140.3 76.9 115.3#

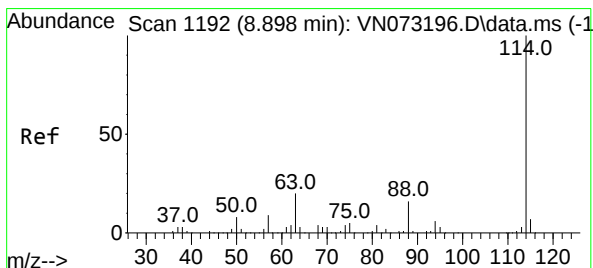
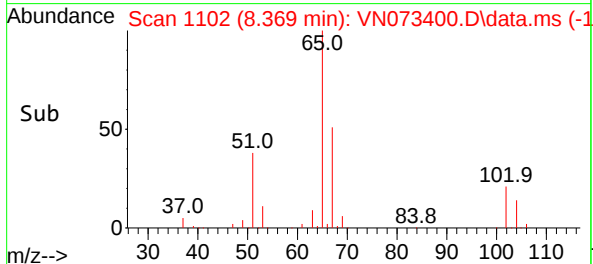
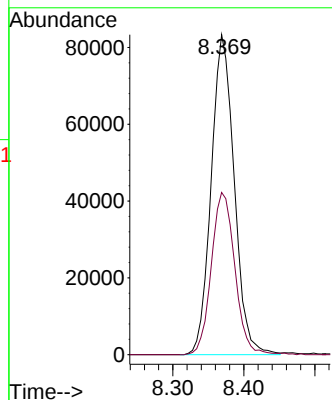
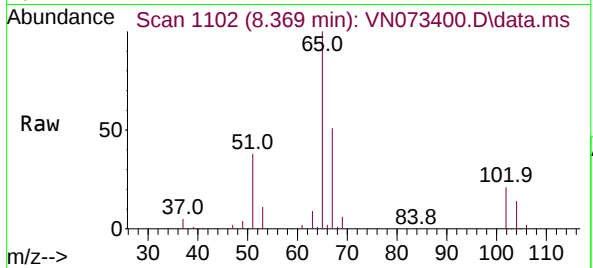




#33
 1,2-Dichloroethane-d4
 Concen: 43.735 ug/l
 RT: 8.369 min Scan# 1102
 Delta R.T. -0.000 min
 Lab File: VN073400.D
 Acq: 08 Jul 2022 18:08

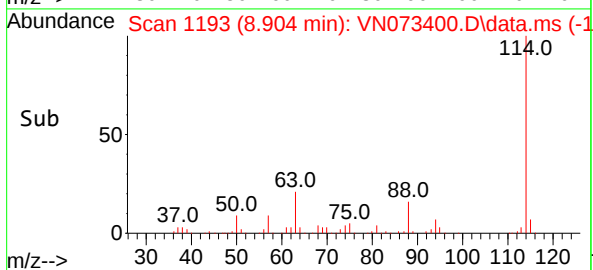
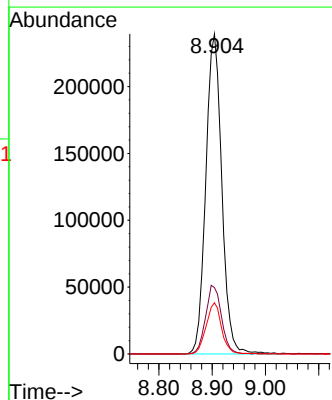
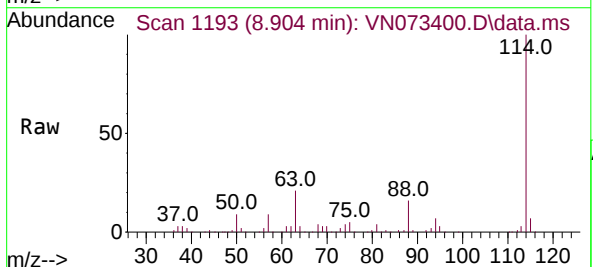
Instrument : MSVOA_N
 ClientSampleId : STORAGE-BLANK-WATER-REF-5

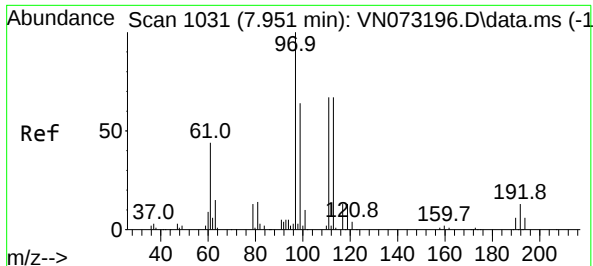
Tgt Ion: 65 Resp: 187535
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.904 min Scan# 1193
 Delta R.T. 0.006 min
 Lab File: VN073400.D
 Acq: 08 Jul 2022 18:08

Tgt Ion: 114 Resp: 499391
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 40.0
 88 16.0 0.0 32.6

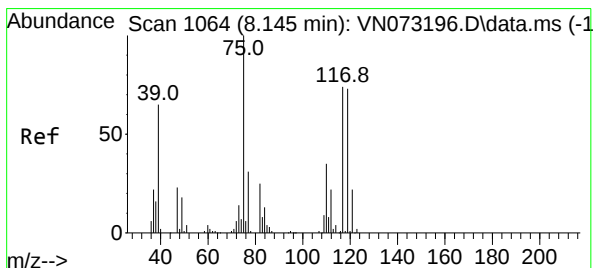
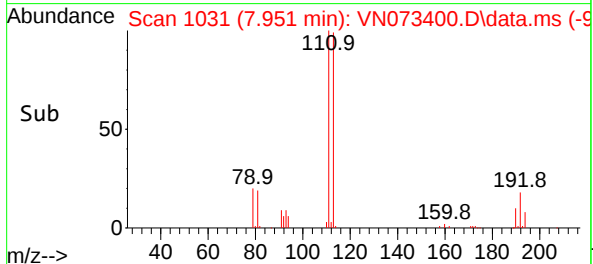
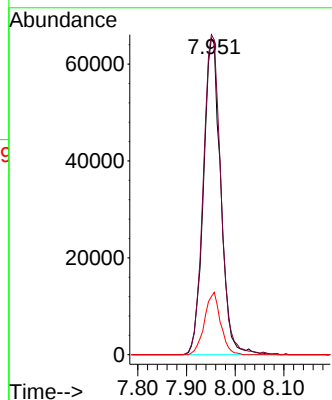
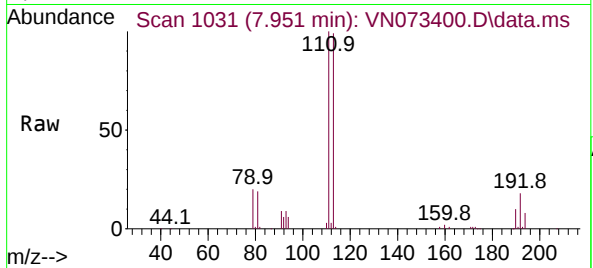




#35
Dibromofluoromethane
Concen: 48.123 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073400.D
Acq: 08 Jul 2022 18:08

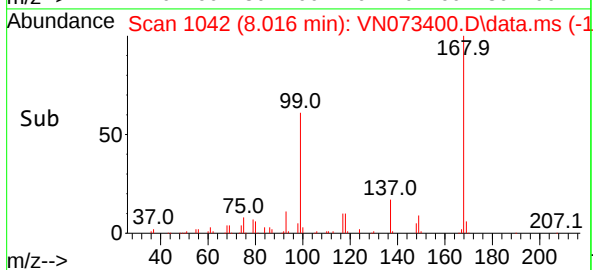
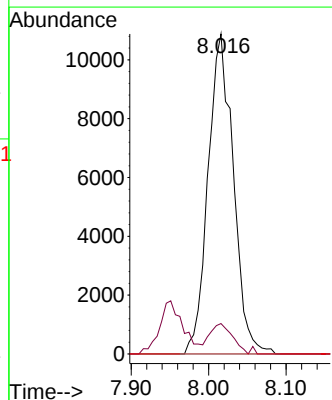
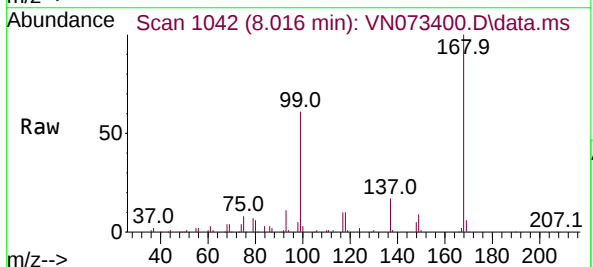
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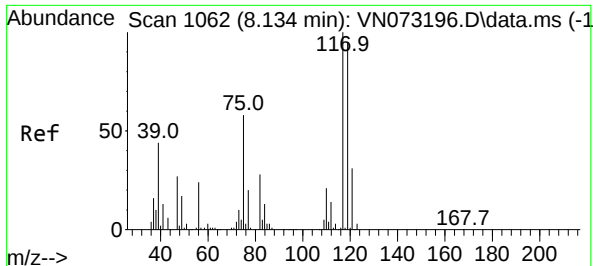
Tgt Ion:113 Resp: 159890
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.0
192 18.4 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.825 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.129 min
Lab File: VN073400.D
Acq: 08 Jul 2022 18:08

Tgt Ion: 75 Resp: 24666
Ion Ratio Lower Upper
75 100
110 8.4 18.3 54.8#
77 0.0 25.1 37.7#

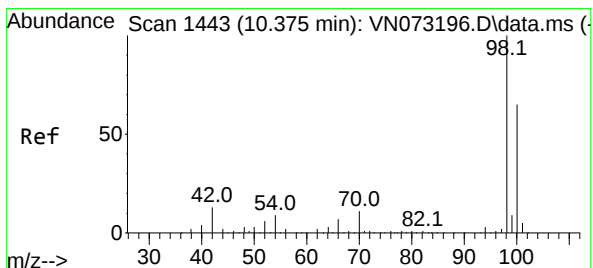
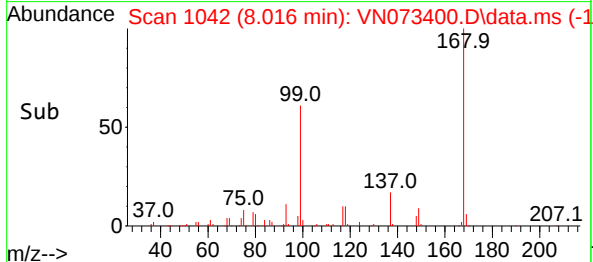
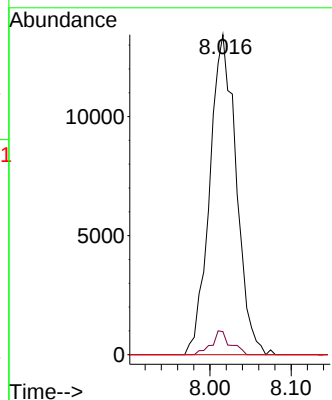
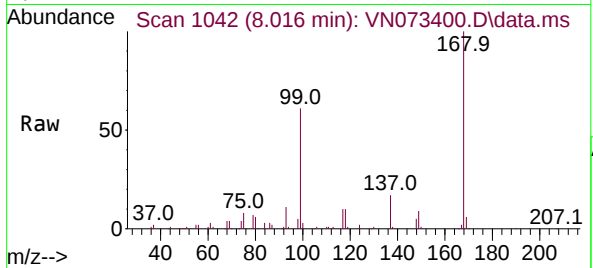




#38
Carbon Tetrachloride
Concen: 5.777 ug/l
RT: 8.016 min Scan# 1062
Delta R.T. -0.118 min
Lab File: VN073400.D
Acq: 08 Jul 2022 18:08

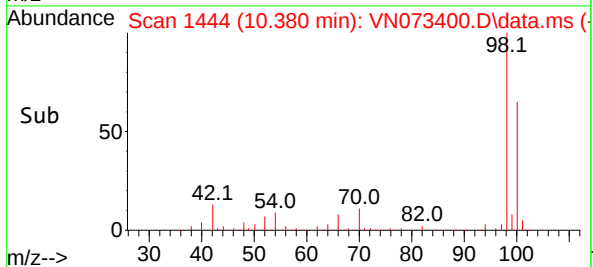
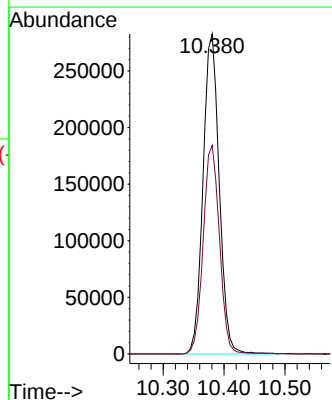
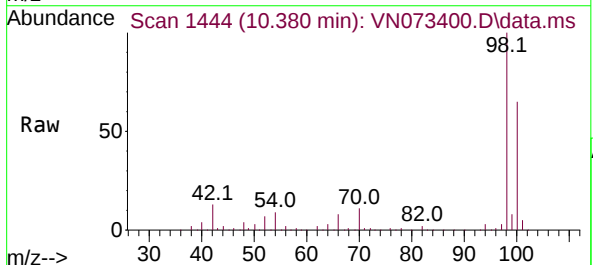
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

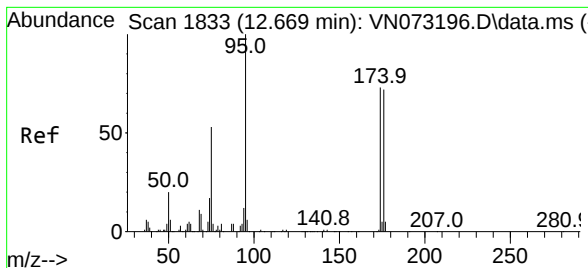
Tgt Ion:117 Resp: 30543
Ion Ratio Lower Upper
117 100
119 7.2 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 44.181 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073400.D
Acq: 08 Jul 2022 18:08

Tgt Ion: 98 Resp: 521357
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8

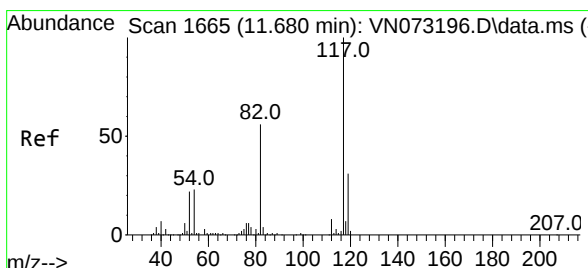
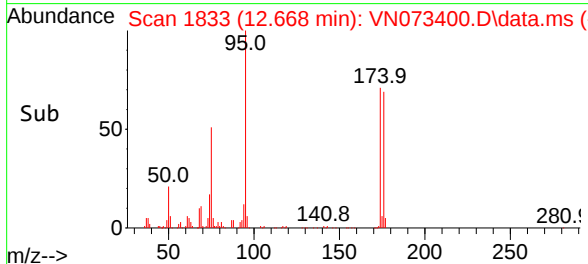
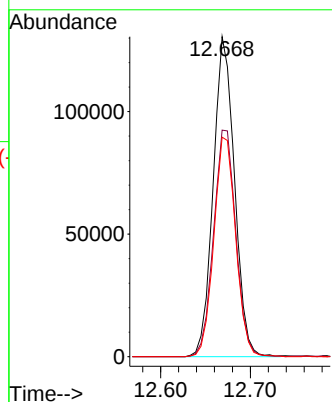
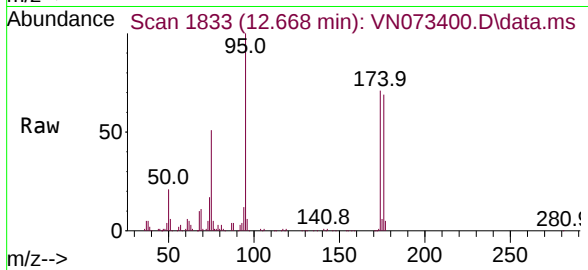




#62
4-Bromofluorobenzene
Concen: 47.445 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073400.D
Acq: 08 Jul 2022 18:08

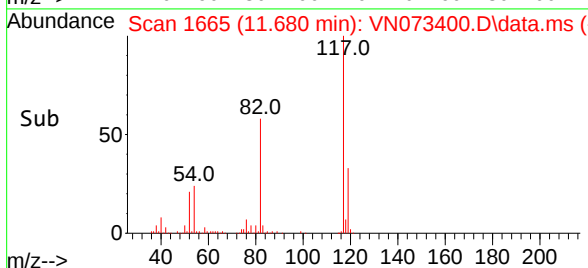
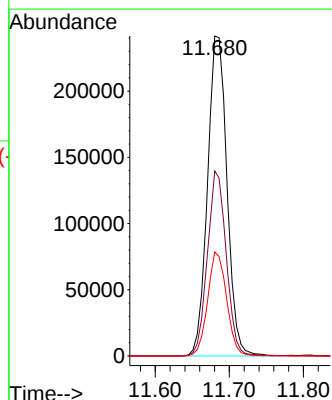
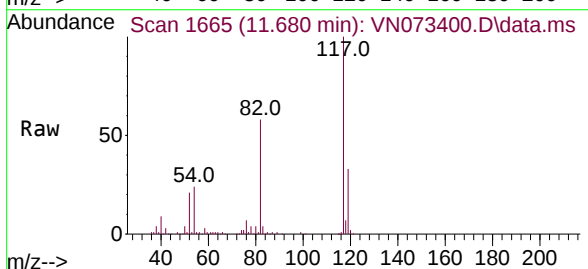
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

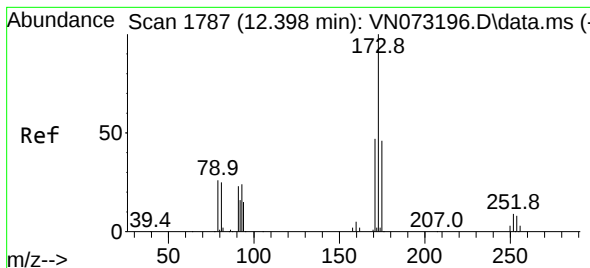
Tgt Ion: 95 Resp: 215159
Ion Ratio Lower Upper
95 100
174 74.1 0.0 167.6
176 70.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073400.D
Acq: 08 Jul 2022 18:08

Tgt Ion: 117 Resp: 440846
Ion Ratio Lower Upper
117 100
82 57.8 44.2 66.2
119 32.5 25.4 38.0





#71

Bromoform

Concen: 0.646 ug/l

RT: 12.668 min Scan# 1833

Delta R.T. 0.270 min

Lab File: VN073400.D

Acq: 08 Jul 2022 18:08

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

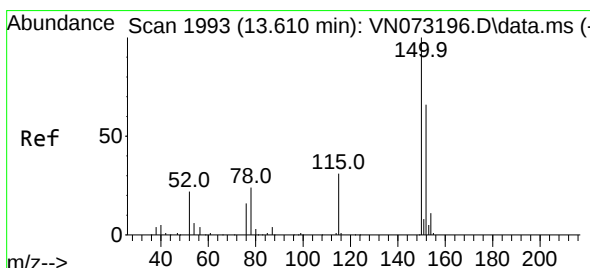
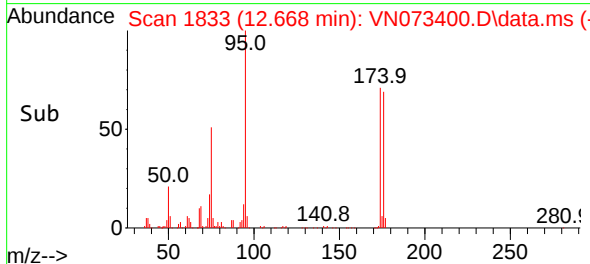
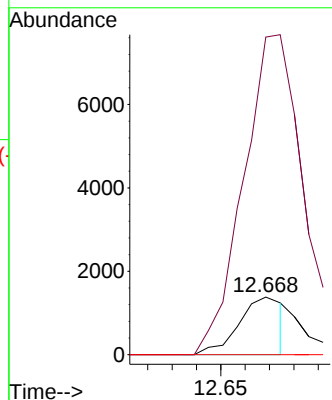
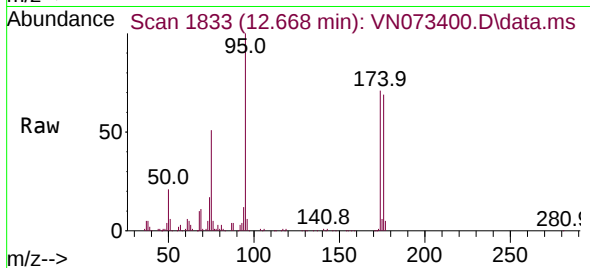
Tgt Ion:173 Resp: 1734

Ion Ratio Lower Upper

173 100

175 0.0 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: VN073400.D

Acq: 08 Jul 2022 18:08

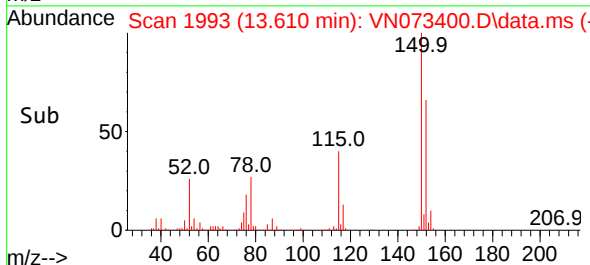
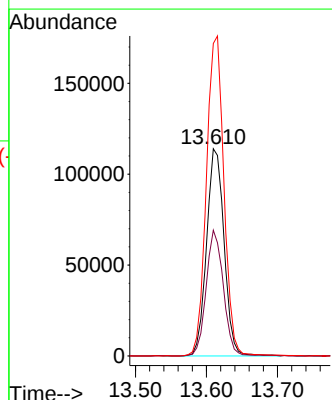
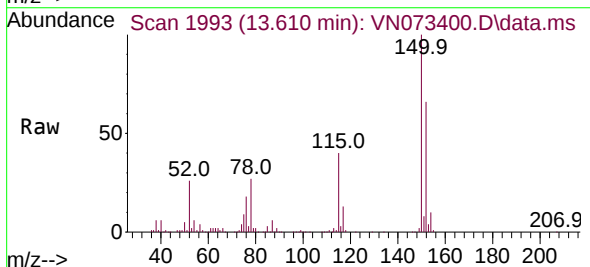
Tgt Ion:152 Resp: 196056

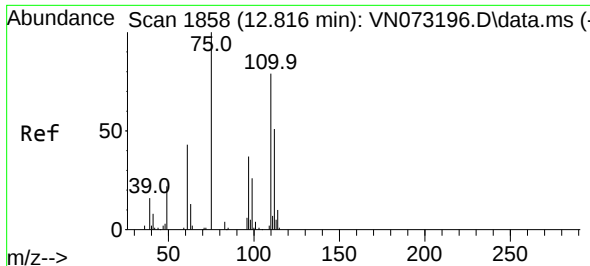
Ion Ratio Lower Upper

152 100

115 59.6 28.9 86.7

150 154.5 0.0 356.2

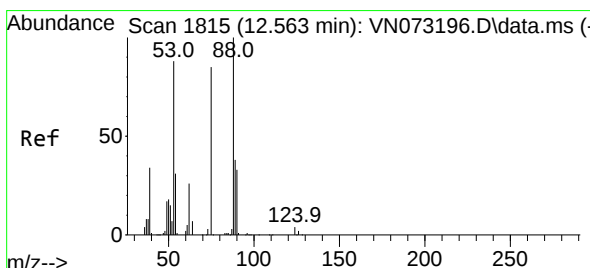
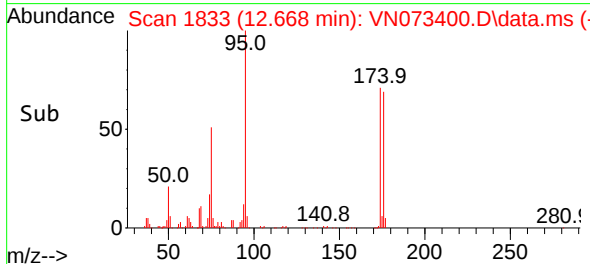
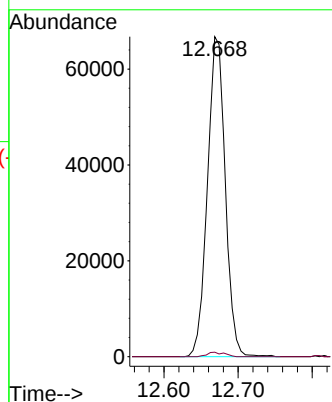
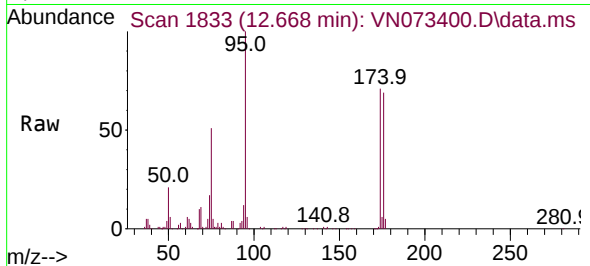




#76
1,2,3-Trichloropropane
Concen: 21.768 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.148 min
Lab File: VN073400.D
Acq: 08 Jul 2022 18:08

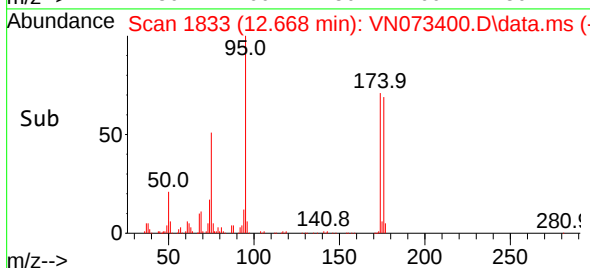
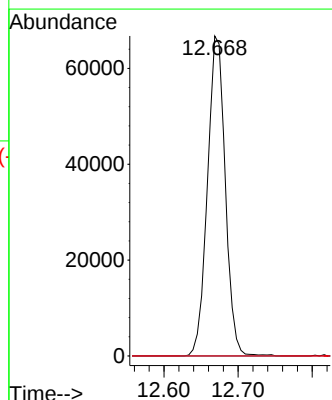
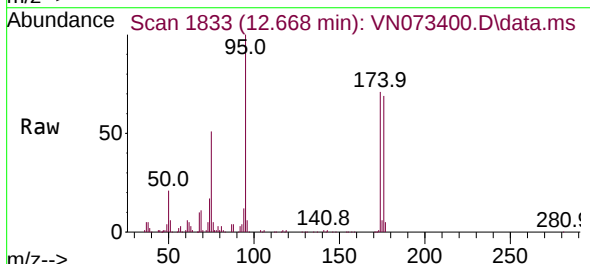
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-WATER-REF-5

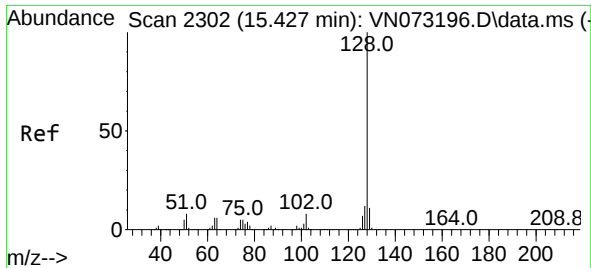
Tgt Ion: 75 Resp: 111593
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.698 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.105 min
Lab File: VN073400.D
Acq: 08 Jul 2022 18:08

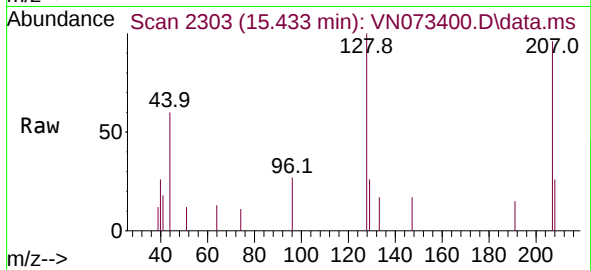
Tgt Ion: 75 Resp: 111593
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#95
Naphthalene
Concen: 0.203 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073400.D
Acq: 08 Jul 2022 18:08

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5



Tgt Ion:128 Resp: 3073
Ion Ratio Lower Upper
128 100
127 2.2 10.3 15.5#
129 15.8 8.6 13.0#

