

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072522\
 Data File : VN073587.D
 Acq On : 25 Jul 2022 18:26
 Operator : JC\MD
 Sample : N3839-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
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Quant Time: Jul 26 02:18:32 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)

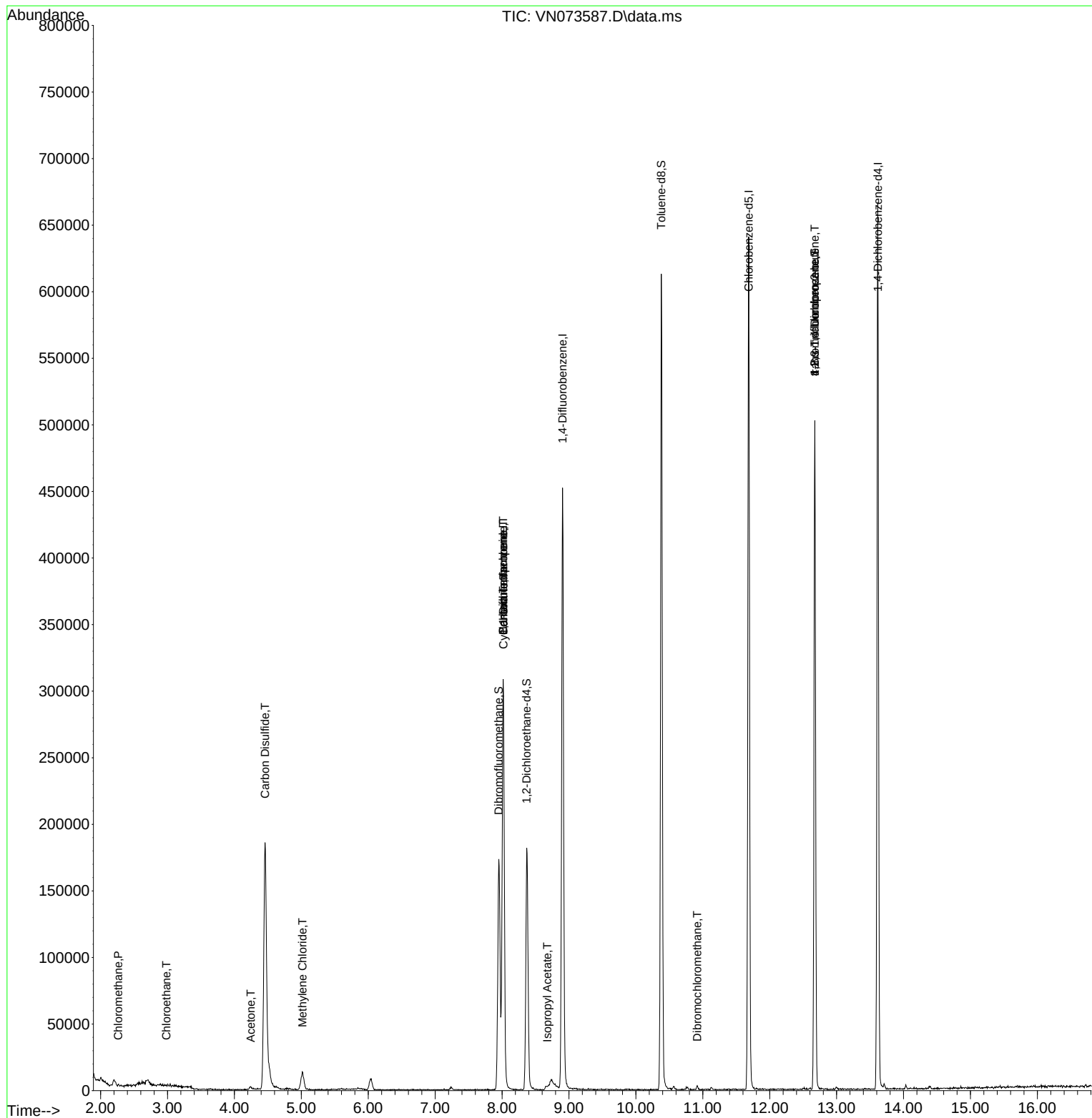
Internal Standards						
1) Pentafluorobenzene	8.016	168	229137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	383415	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	357421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	171719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	148271	44.824	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.640%
35) Dibromofluoromethane	7.951	113	128572	50.402	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.800%
50) Toluene-d8	10.380	98	411083	45.373	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.740%
62) 4-Bromofluorobenzene	12.674	95	166726	47.886	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.780%
Target Compounds						
					Qvalue	
3) Chloromethane	2.263	50	680	0.209	ug/l #	82
6) Chloroethane	2.981	64	624	0.384	ug/l #	42
16) Acetone	4.245	43	3723	2.005	ug/l #	85
17) Carbon Disulfide	4.457	76	397611	56.848	ug/l	98
20) Methylene Chloride	5.016	84	10166	3.115	ug/l #	83
31) Cyclohexane	8.022	56	4976	0.919	ug/l #	1
36) 1,1-Dichloropropene	8.016	75	18568	4.731	ug/l #	49
38) Carbon Tetrachloride	8.016	117	23545	5.801	ug/l #	17
43) Isopropyl Acetate	8.675	43	2053	0.241	ug/l #	53
60) Dibromochloromethane	10.916	129	655	0.223	ug/l #	11
76) 1,2,3-Trichloropropane	12.674	75	87787	19.551	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	87787	53.618	ug/l #	11

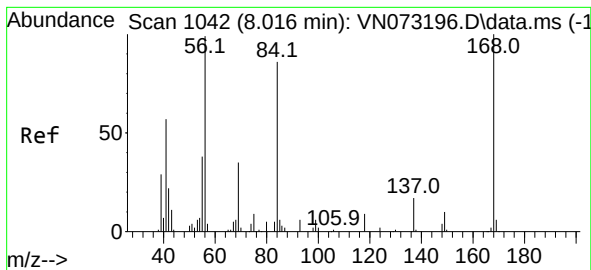
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.016 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN073587.D

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MSVOA_N

ClientSampleId :

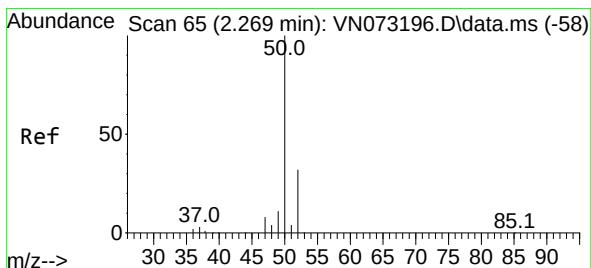
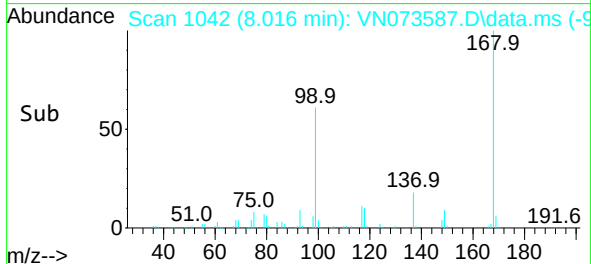
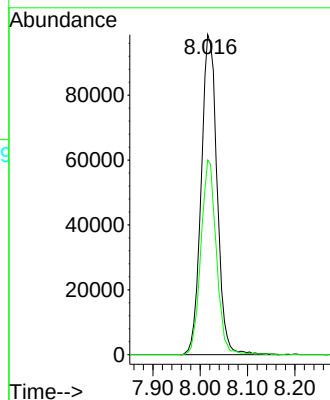
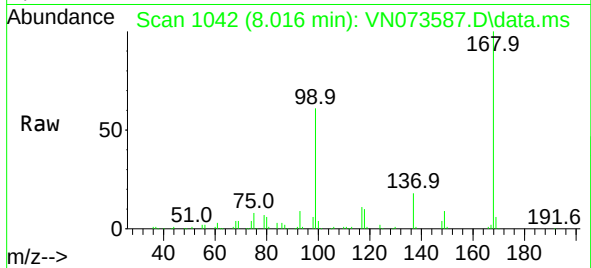
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Tgt Ion:168 Resp: 229137

Ion Ratio Lower Upper

168 100

99 60.8 42.3 63.5



#3

Chloromethane

Concen: 0.209 ug/l

RT: 2.263 min Scan# 64

Delta R.T. -0.006 min

Lab File: VN073587.D

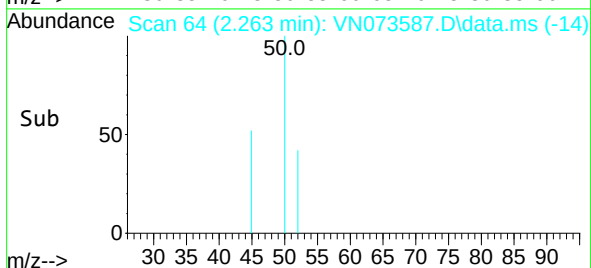
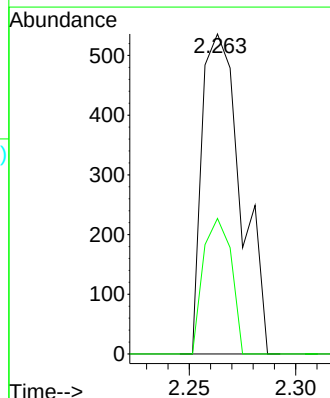
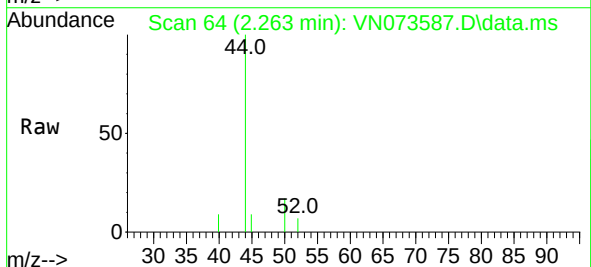
Acq: 25 Jul 2022 18:26

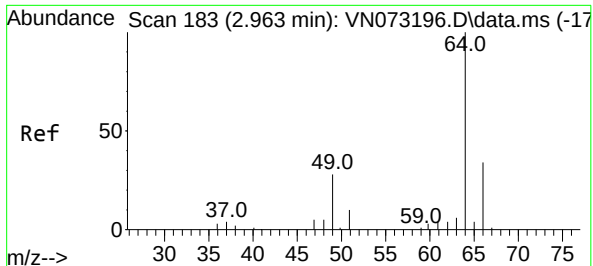
Tgt Ion: 50 Resp: 680

Ion Ratio Lower Upper

50 100

52 42.4 25.7 38.5#





#6

Chloroethane

Concen: 0.384 ug/l

RT: 2.981 min Scan# 11

Delta R.T. 0.018 min

Lab File: VN073587.D

Acq: 25 Jul 2022 18:26

Instrument :

MSVOA_N

ClientSampleId :

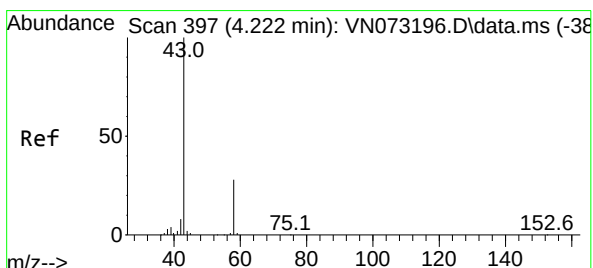
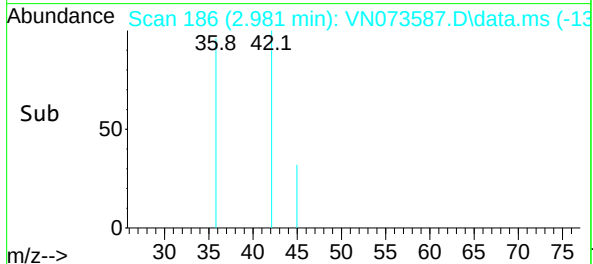
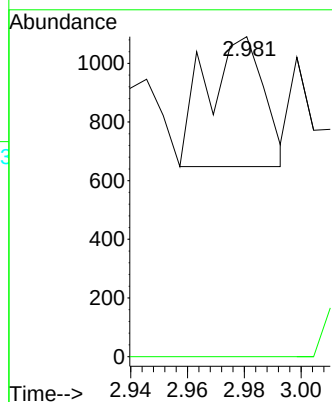
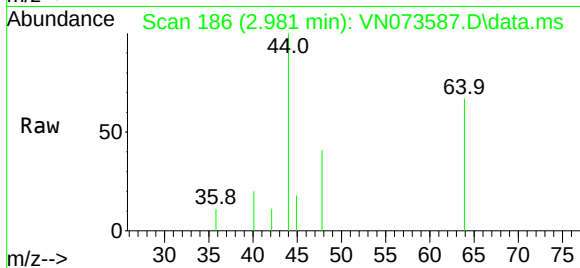
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Tgt Ion: 64 Resp: 624

Ion Ratio Lower Upper

64 100

66 0.0 26.2 39.4#



#16

Acetone

Concen: 2.005 ug/l

RT: 4.245 min Scan# 401

Delta R.T. 0.023 min

Lab File: VN073587.D

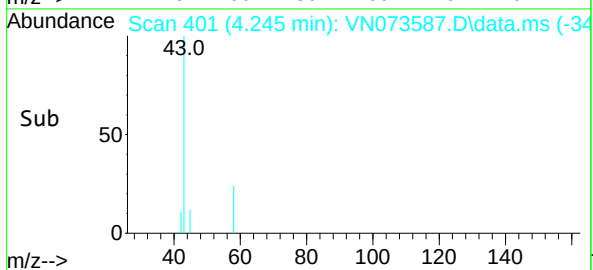
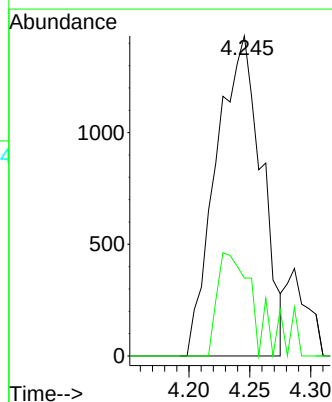
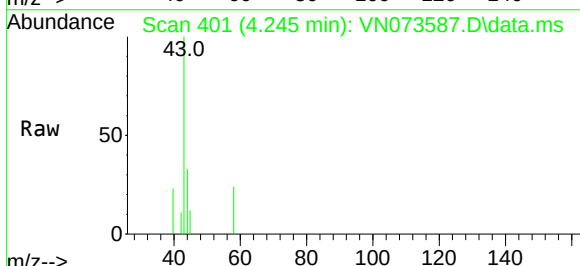
Acq: 25 Jul 2022 18:26

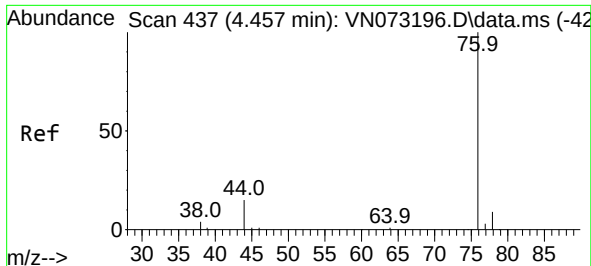
Tgt Ion: 43 Resp: 3723

Ion Ratio Lower Upper

43 100

58 24.4 26.0 39.0#





#17

Carbon Disulfide

Concen: 56.848 ug/l

RT: 4.457 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN073587.D

Acq: 25 Jul 2022 18:26

Instrument :

MSVOA_N

ClientSampleId :

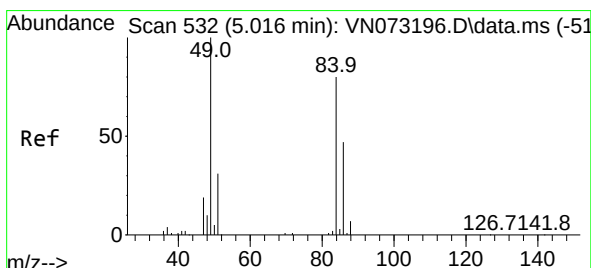
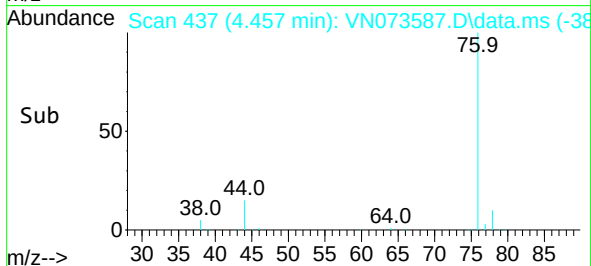
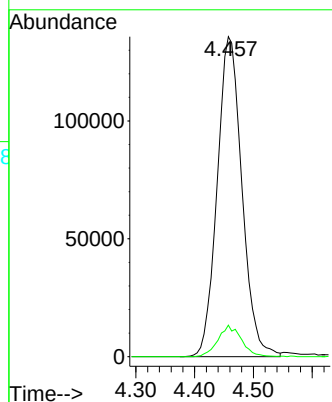
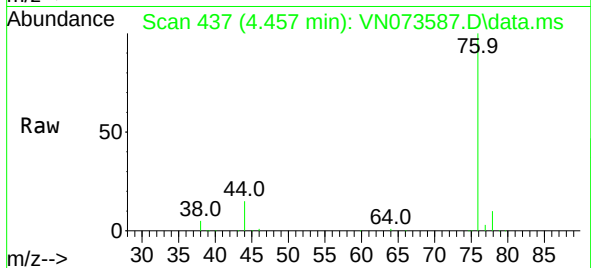
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Tgt Ion: 76 Resp: 397611

Ion Ratio Lower Upper

76 100

78 9.9 7.2 10.8



#20

Methylene Chloride

Concen: 3.115 ug/l

RT: 5.016 min Scan# 532

Delta R.T. 0.000 min

Lab File: VN073587.D

Acq: 25 Jul 2022 18:26

Tgt Ion: 84 Resp: 10166

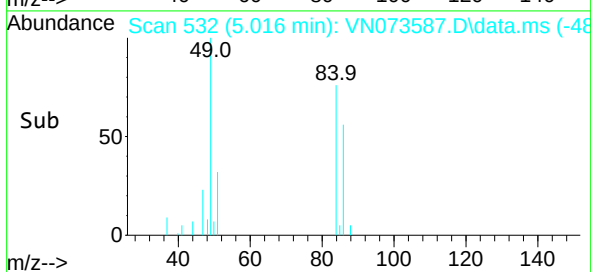
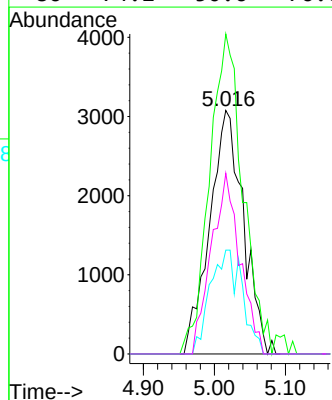
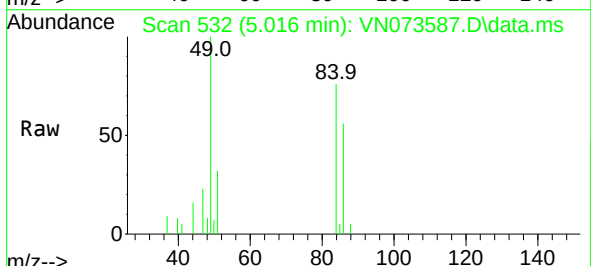
Ion Ratio Lower Upper

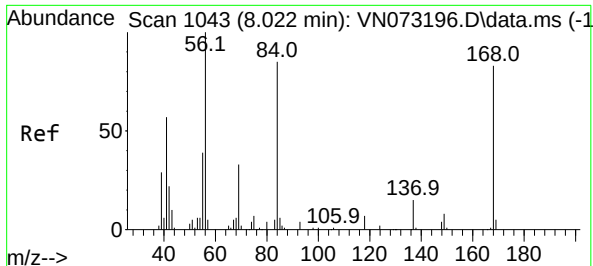
84 100

49 131.4 88.3 132.5

51 42.7 28.2 42.2#

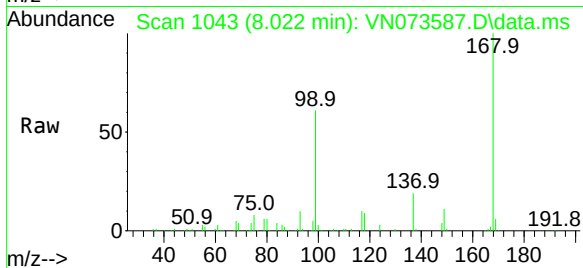
86 74.2 50.6 76.0



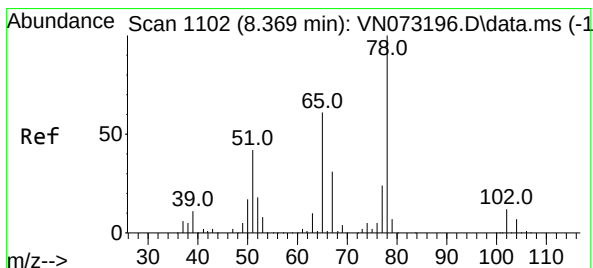
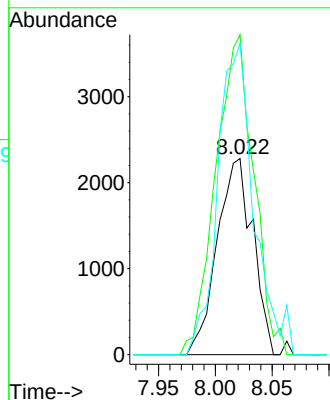
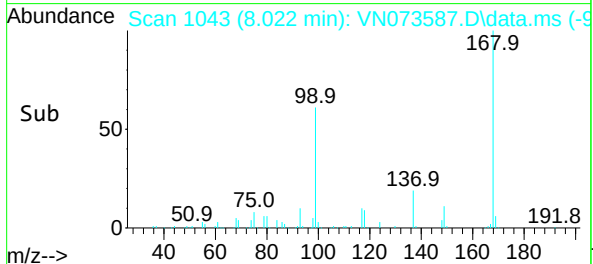


#31
Cyclohexane
Concen: 0.919 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073587.D
Acq: 25 Jul 2022 18:26

Instrument :
MSVOA_N
ClientSampleId :
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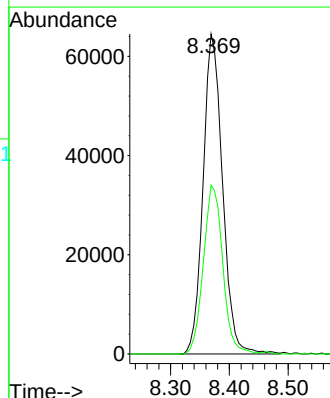
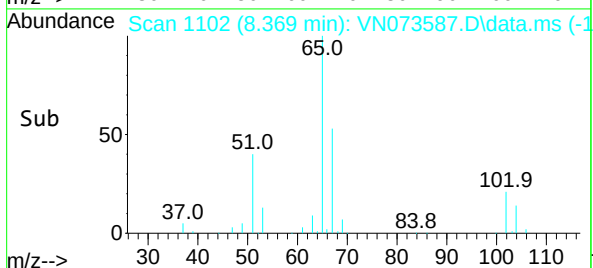
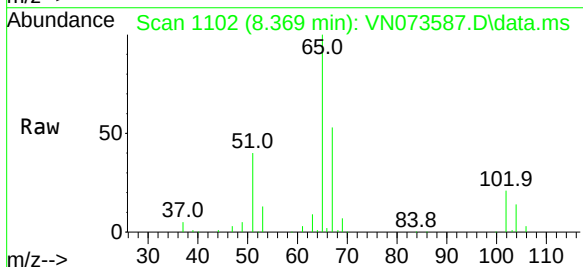


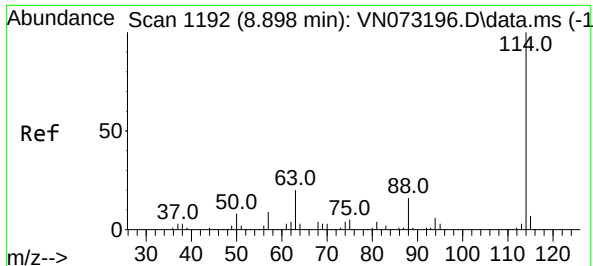
Tgt Ion: 56 Resp: 4976
Ion Ratio Lower Upper
56 100
69 163.1 27.8 41.8#
84 158.6 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 44.824 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073587.D
Acq: 25 Jul 2022 18:26

Tgt Ion: 65 Resp: 148271
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.8

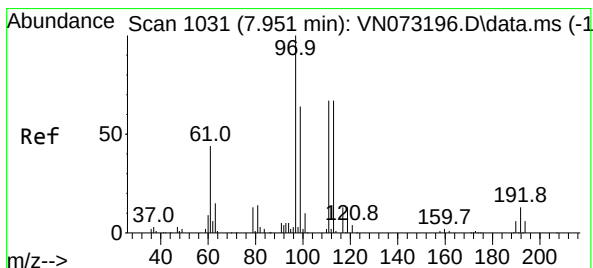
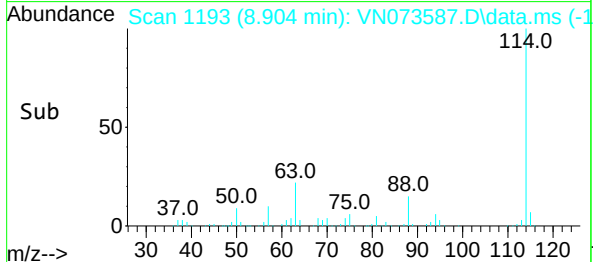
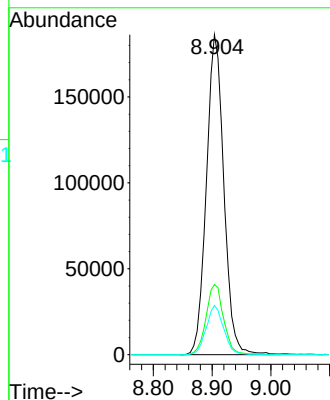
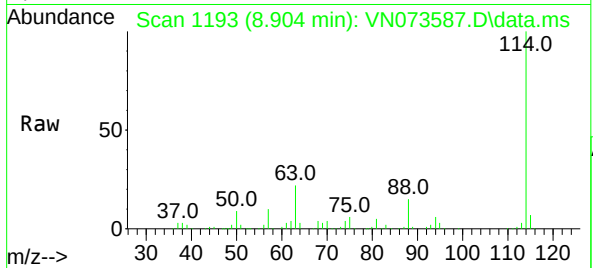




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VN073587.D
Acq: 25 Jul 2022 18:26

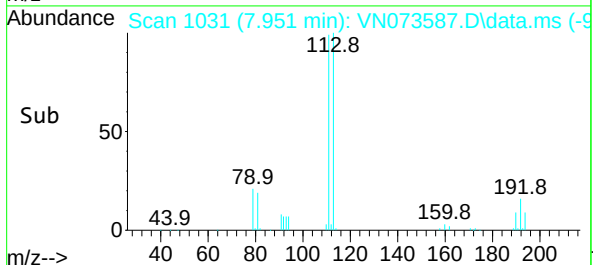
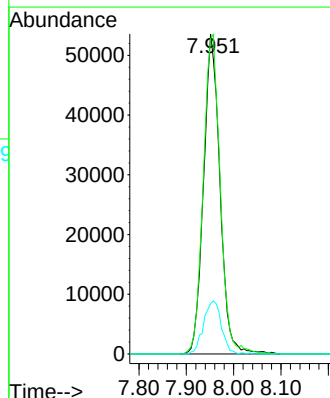
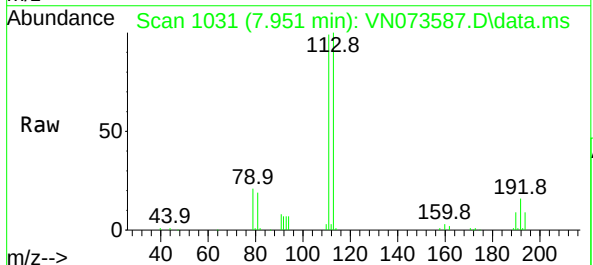
Instrument :
MSVOA_N
ClientSampleId :
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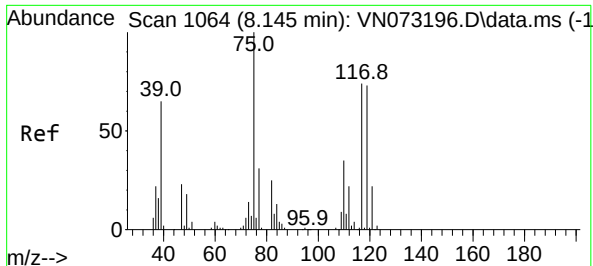
Tgt Ion:114 Resp: 383415
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.0
88 15.4 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.402 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073587.D
Acq: 25 Jul 2022 18:26

Tgt Ion:113 Resp: 128572
Ion Ratio Lower Upper
113 100
111 103.5 81.4 122.0
192 18.0 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.731 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073587.D

Acq: 25 Jul 2022 18:26

Instrument :

MSVOA_N

ClientSampleId :

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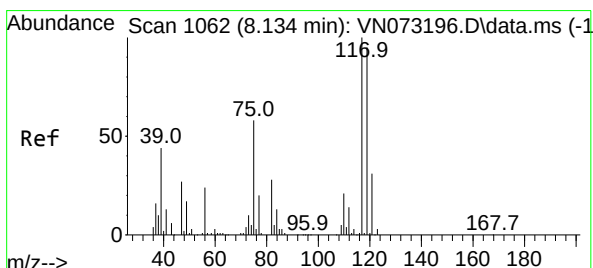
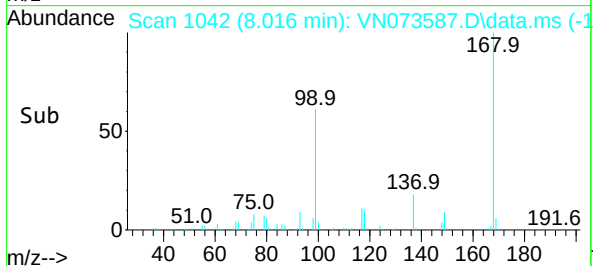
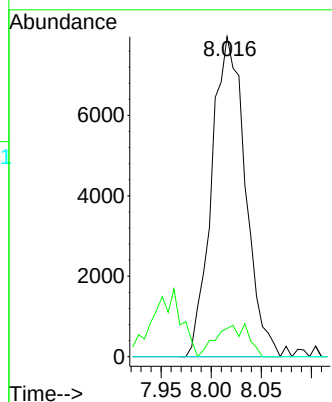
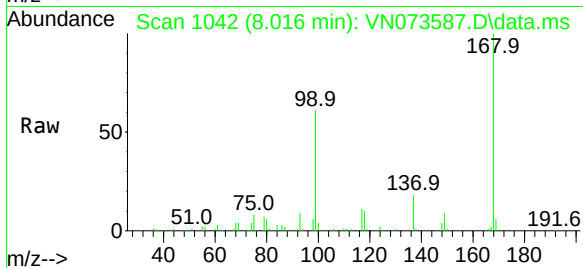
Tgt Ion: 75 Resp: 18568

Ion Ratio Lower Upper

75 100

110 9.5 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.801 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.118 min

Lab File: VN073587.D

Acq: 25 Jul 2022 18:26

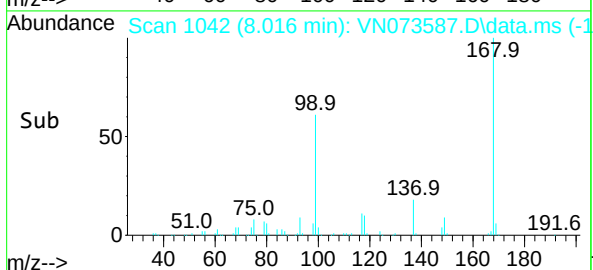
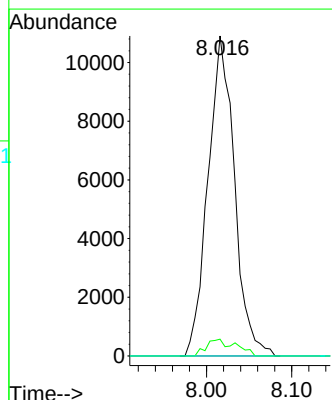
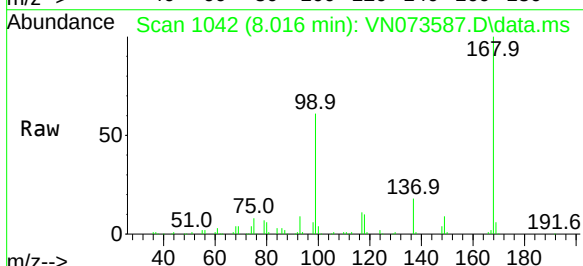
Tgt Ion: 117 Resp: 23545

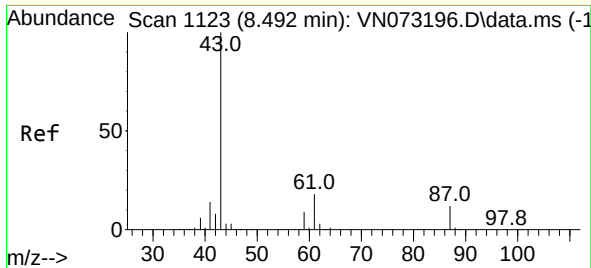
Ion Ratio Lower Upper

117 100

119 5.2 75.8 113.8#

121 0.0 24.6 37.0#

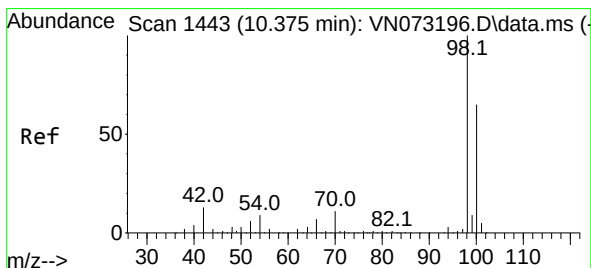
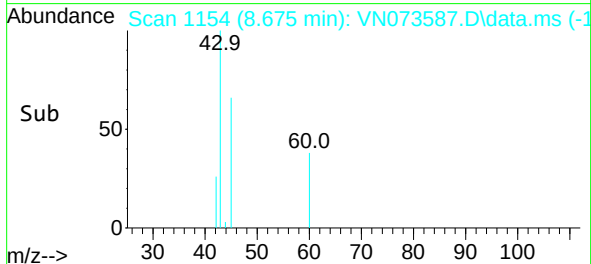
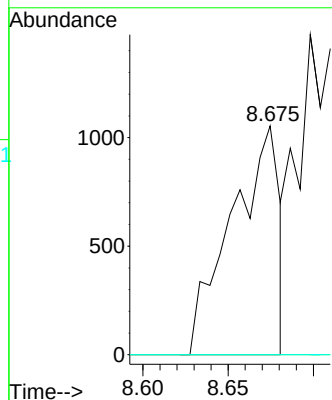
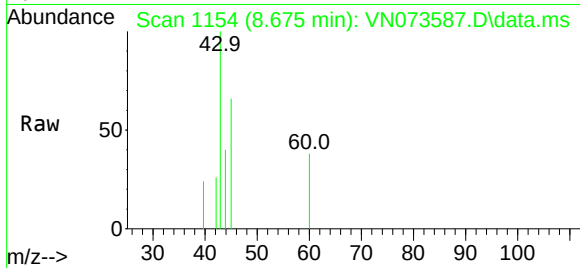




#43
Isopropyl Acetate
Concen: 0.241 ug/l
RT: 8.675 min Scan# 1123
Delta R.T. 0.183 min
Lab File: VN073587.D
Acq: 25 Jul 2022 18:26

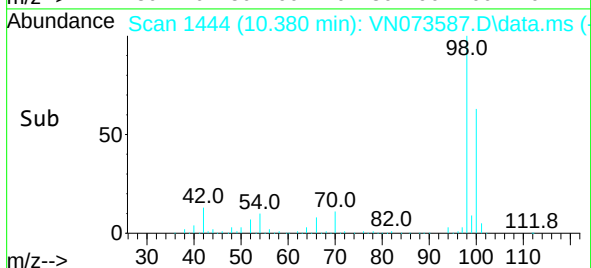
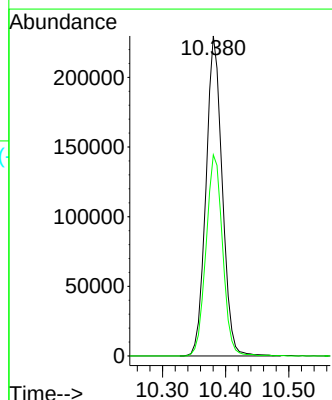
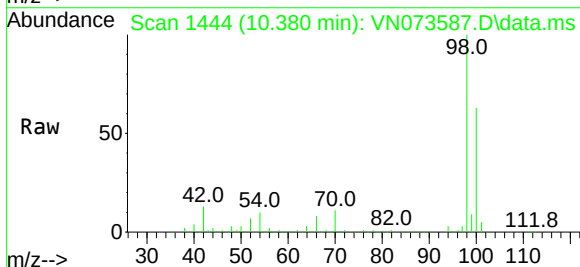
Instrument :
MSVOA_N
ClientSampleId :
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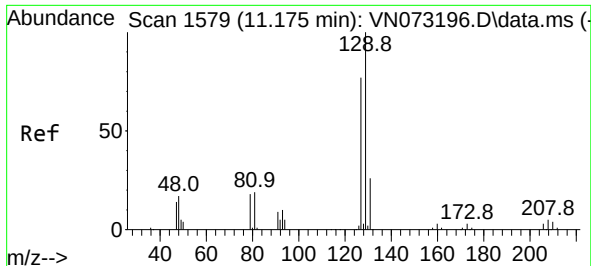
Tgt Ion: 43 Resp: 2053
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 45.373 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073587.D
Acq: 25 Jul 2022 18:26

Tgt Ion: 98 Resp: 411083
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8

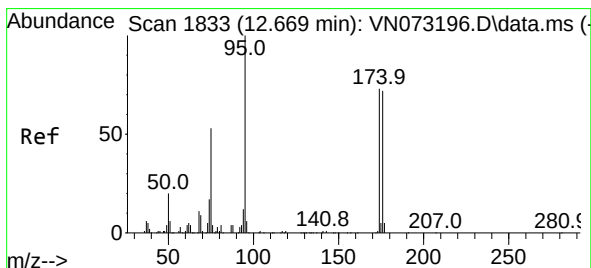
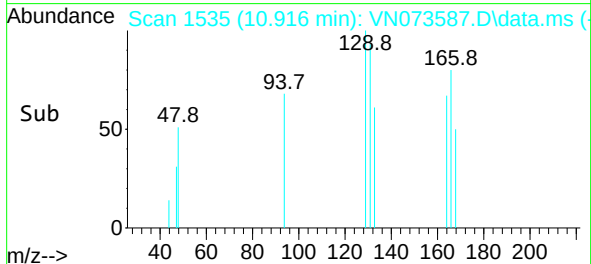
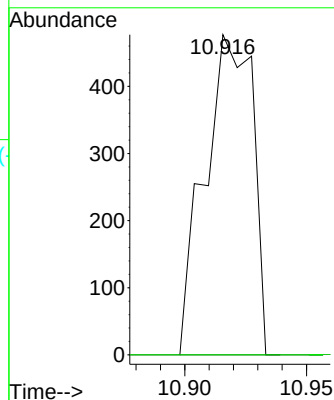
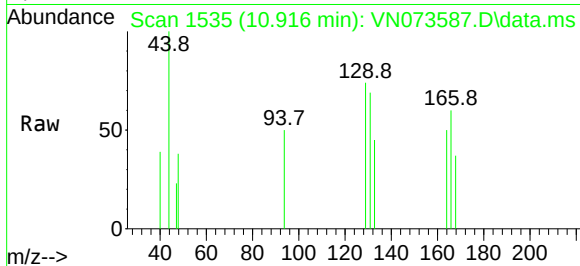




#60
Dibromochloromethane
Concen: 0.223 ug/l
RT: 10.916 min Scan# 11
Delta R.T. -0.259 min
Lab File: VN073587.D
Acq: 25 Jul 2022 18:26

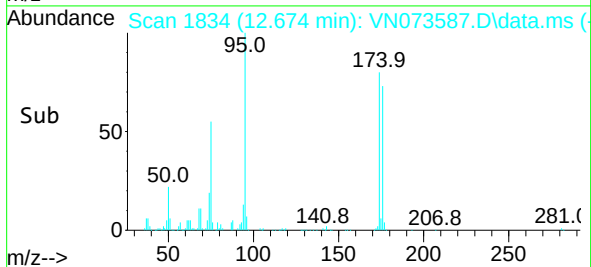
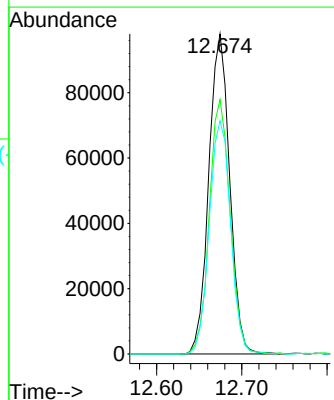
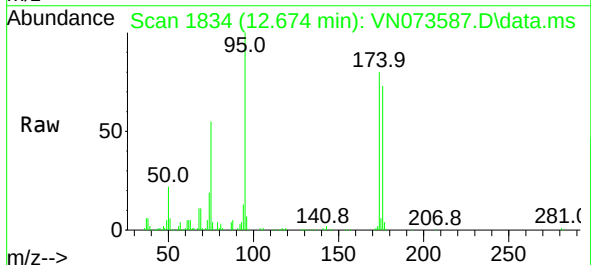
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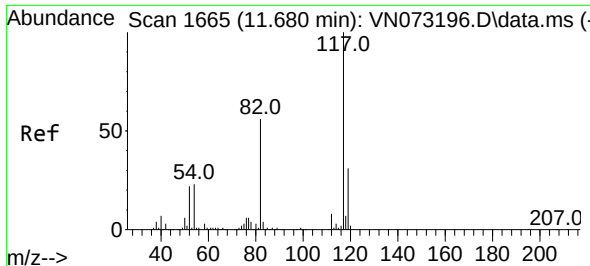
Tgt Ion:129 Resp: 655
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 47.886 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073587.D
Acq: 25 Jul 2022 18:26

Tgt Ion: 95 Resp: 166726
Ion Ratio Lower Upper
95 100
174 79.8 0.0 167.6
176 74.5 0.0 163.4

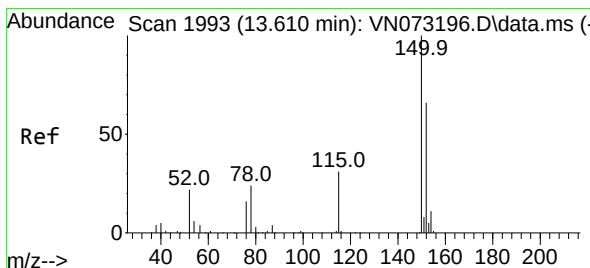
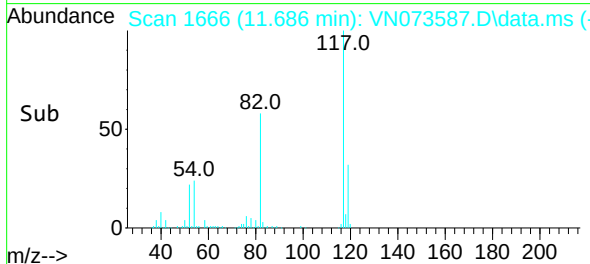
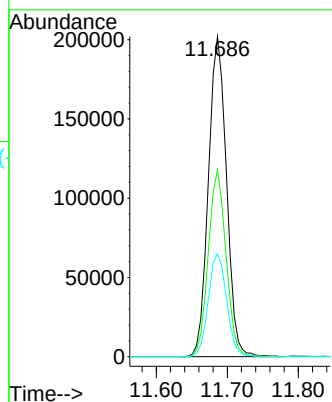
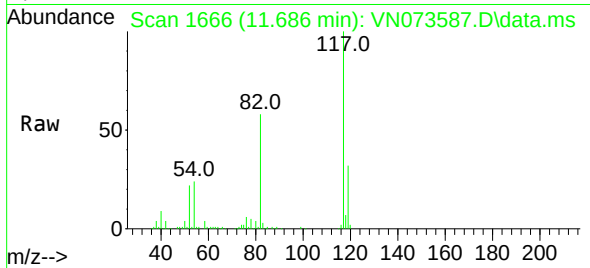




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. 0.006 min
Lab File: VN073587.D
Acq: 25 Jul 2022 18:26

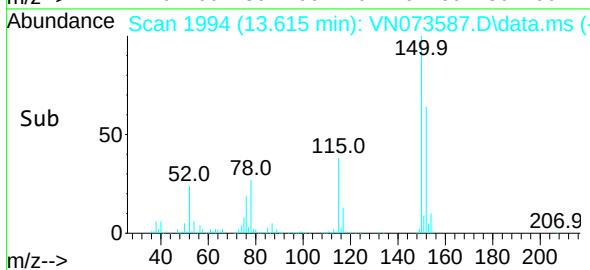
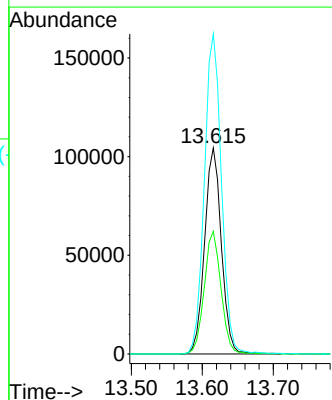
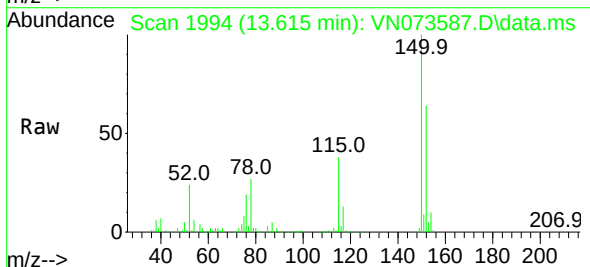
Instrument :
MSVOA_N
ClientSampleId :
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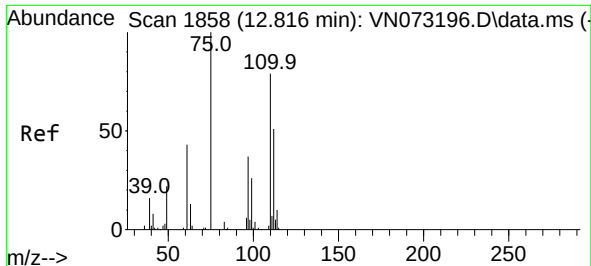
Tgt Ion:117 Resp: 357421
Ion Ratio Lower Upper
117 100
82 58.4 44.2 66.2
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.005 min
Lab File: VN073587.D
Acq: 25 Jul 2022 18:26

Tgt Ion:152 Resp: 171719
Ion Ratio Lower Upper
152 100
115 59.7 28.9 86.7
150 158.1 0.0 356.2

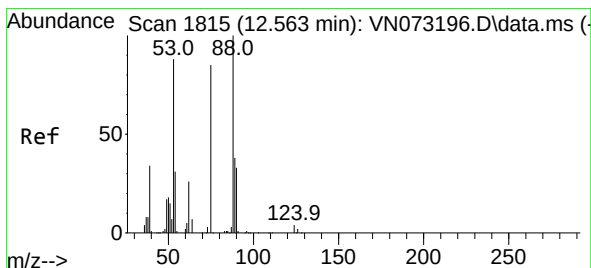
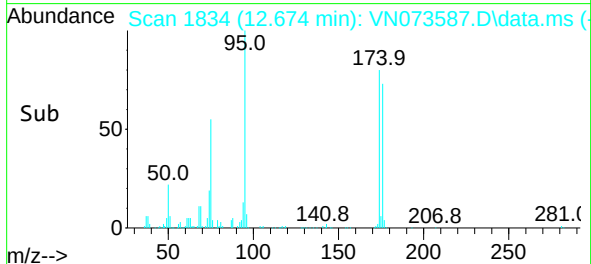
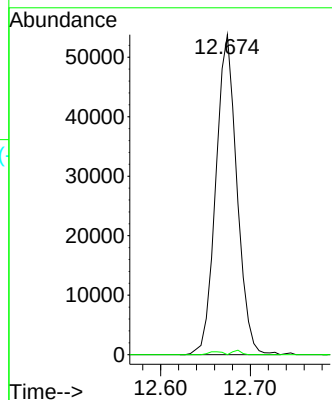
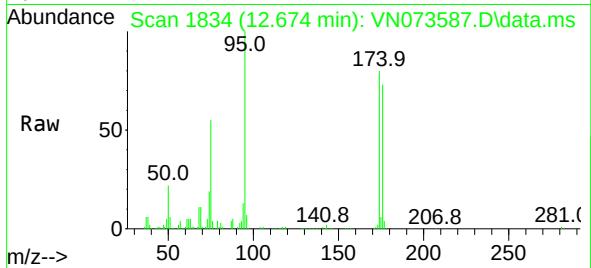




#76
1,2,3-Trichloropropane
Concen: 19.551 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.142 min
Lab File: VN073587.D
Acq: 25 Jul 2022 18:26

Instrument :
MSVOA_N
ClientSampleId :
FIELD-BLANK

Tgt Ion: 75 Resp: 87787
Ion Ratio Lower Upper
75 100
77 0.6 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.618 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.111 min
Lab File: VN073587.D
Acq: 25 Jul 2022 18:26

Tgt Ion: 75 Resp: 87787
Ion Ratio Lower Upper
75 100
53 0.3 78.0 117.0#
89 0.0 37.2 55.8#

