

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071122\
 Data File : VN073415.D
 Acq On : 11 Jul 2022 13:28
 Operator : JC\MD
 Sample : N3659-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-01-070822

Quant Time: Jul 12 07:26:16 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)

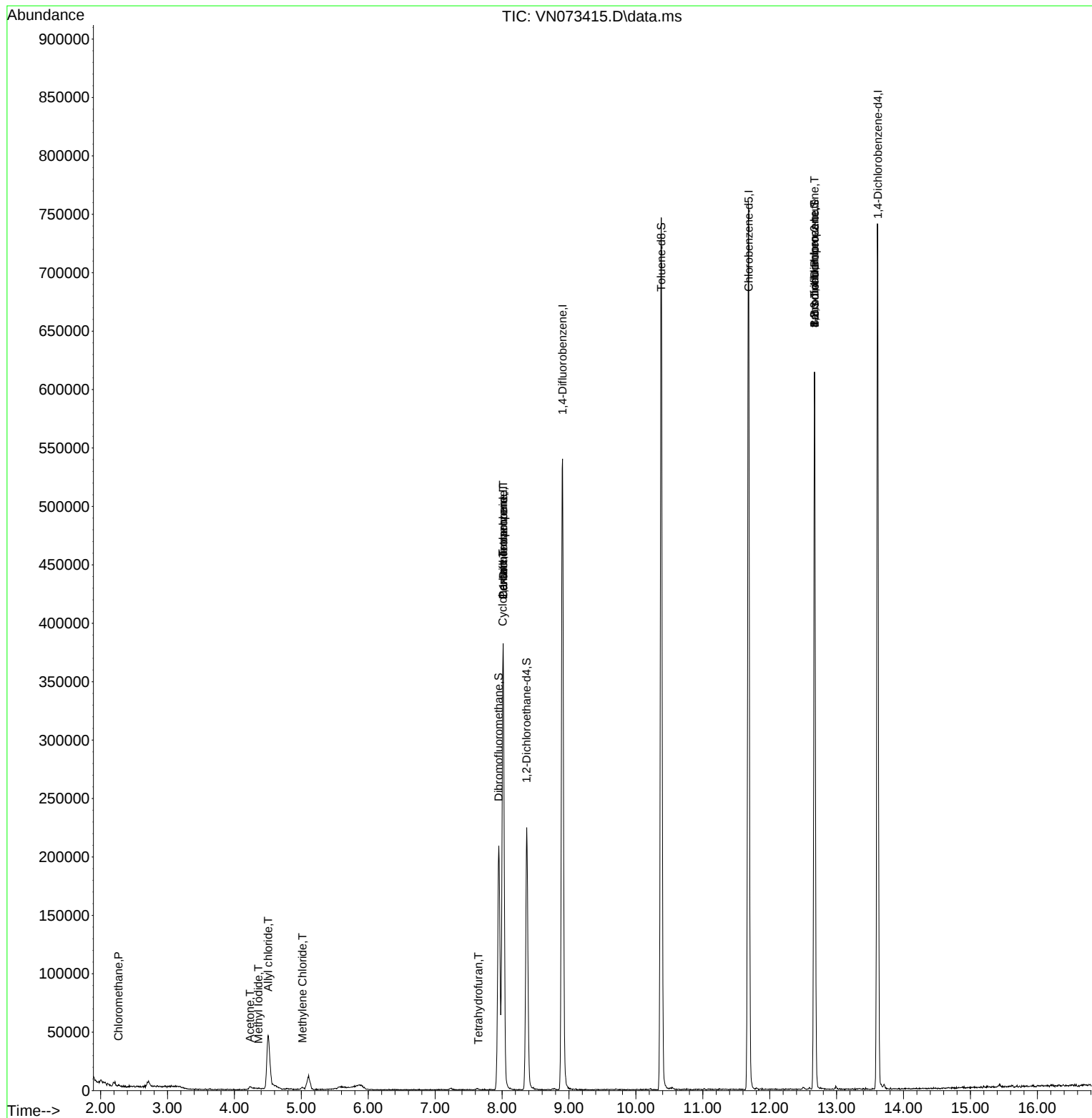
Internal Standards						
1) Pentafluorobenzene	8.016	168	285998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	486597	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	438858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	194802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	185836	45.011	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.020%		
35) Dibromofluoromethane	7.951	113	156188	48.245	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.480%		
50) Toluene-d8	10.380	98	505934	44.001	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.000%		
62) 4-Bromofluorobenzene	12.668	95	214456	48.534	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.060%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	1051	0.259	ug/l #	38
10) Methyl Iodide	4.357	142	54	3.747	ug/l #	44
14) Allyl chloride	4.504	41	7904	1.114	ug/l #	69
16) Acetone	4.234	43	4267	1.841	ug/l	96
20) Methylene Chloride	5.016	84	1394	0.342	ug/l #	89
29) Tetrahydrofuran	7.645	42	831	0.329	ug/l #	29
31) Cyclohexane	8.010	56	6696	0.990	ug/l #	19
36) 1,1-Dichloropropene	8.016	75	24206	4.859	ug/l #	49
38) Carbon Tetrachloride	8.016	117	30729	5.965	ug/l #	16
71) Bromoform	12.668	173	1592	0.596	ug/l #	1
76) 1,2,3-Trichloropropane	12.668	75	112398	22.066	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	112398	60.516	ug/l #	10

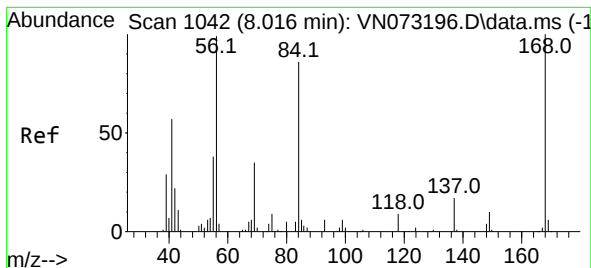
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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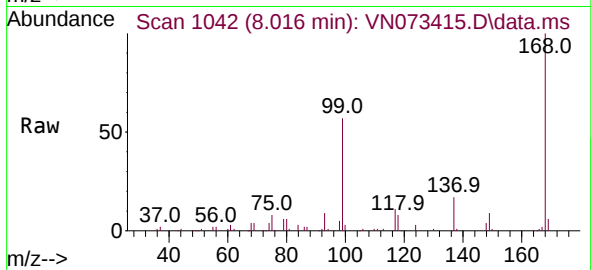
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
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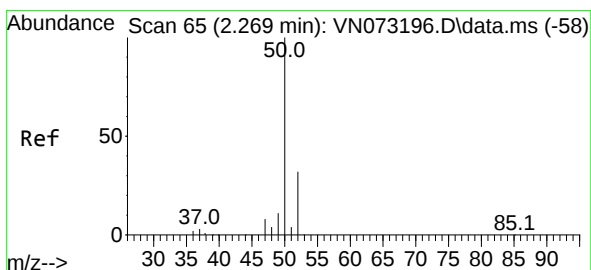
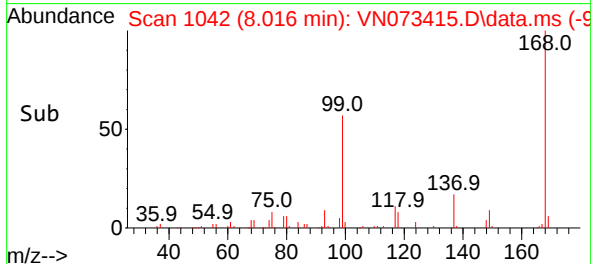
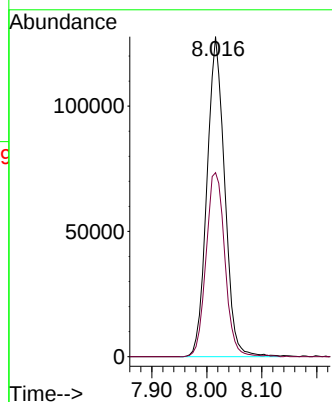


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073415.D
Acq: 11 Jul 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
EB-01-070822

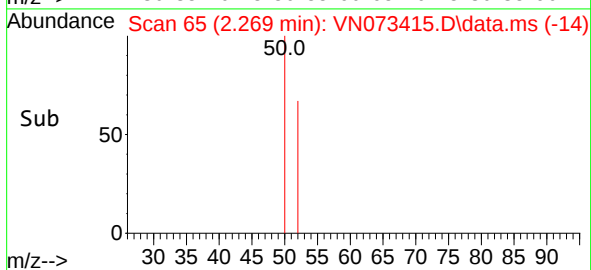
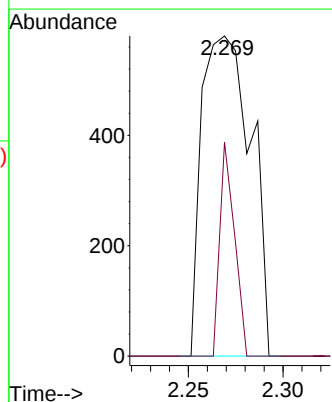
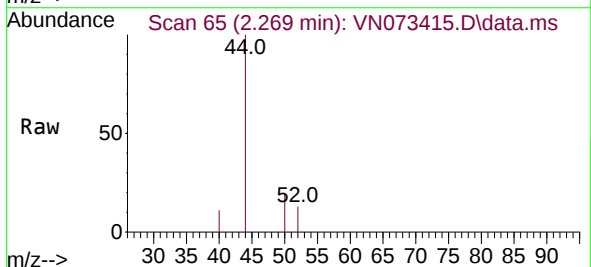


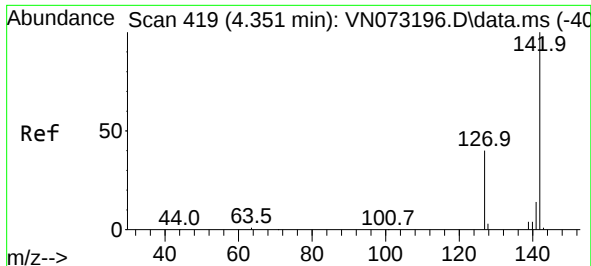
Tgt Ion:168 Resp: 285998
Ion Ratio Lower Upper
168 100
99 57.5 42.3 63.5



#3
Chloromethane
Concen: 0.259 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073415.D
Acq: 11 Jul 2022 13:28

Tgt Ion: 50 Resp: 1051
Ion Ratio Lower Upper
50 100
52 66.9 25.7 38.5#

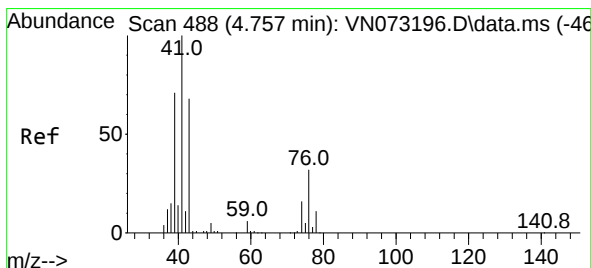
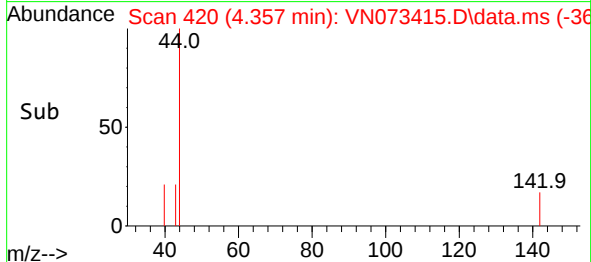
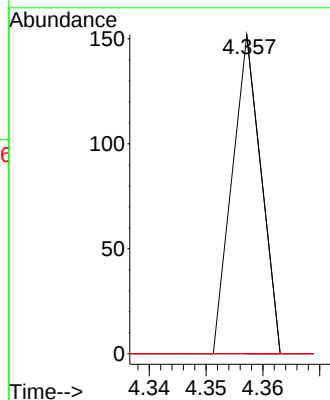
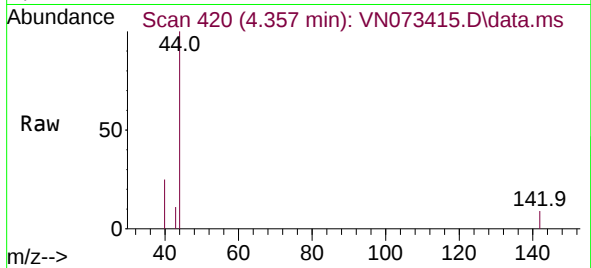




#10
Methyl Iodide
Concen: 3.747 ug/l
RT: 4.357 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN073415.D
Acq: 11 Jul 2022 13:28

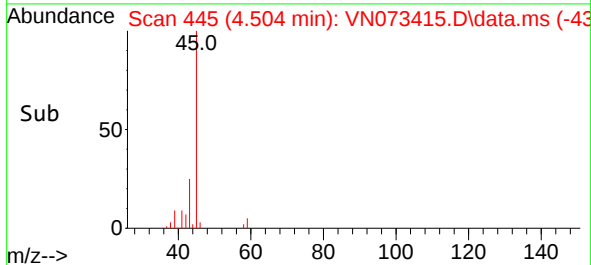
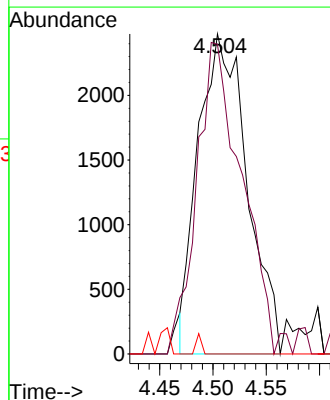
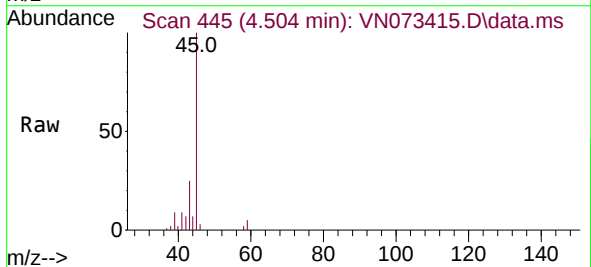
Instrument :
MSVOA_N
ClientSampleId :
EB-01-070822

Tgt Ion:142 Resp: 54
Ion Ratio Lower Upper
142 100
127 0.0 31.3 46.9#
141 0.0 11.2 16.8#



#14
Allyl chloride
Concen: 1.114 ug/l
RT: 4.504 min Scan# 445
Delta R.T. -0.253 min
Lab File: VN073415.D
Acq: 11 Jul 2022 13:28

Tgt Ion: 41 Resp: 7904
Ion Ratio Lower Upper
41 100
39 78.2 53.2 79.8
76 0.7 29.9 44.9#





#16

Acetone

Concen: 1.841 ug/l

RT: 4.234 min Scan# 397

Delta R.T. 0.012 min

Lab File: VN073415.D

Acq: 11 Jul 2022 13:28

Instrument :

MSVOA_N

ClientSampleId :

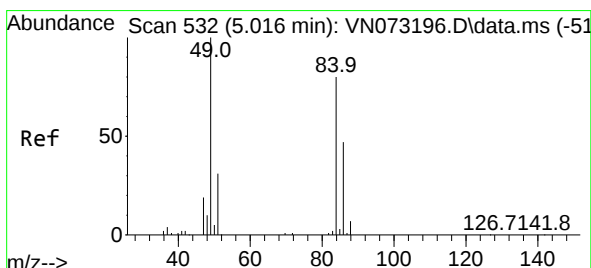
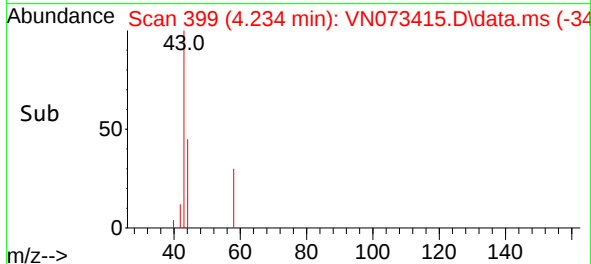
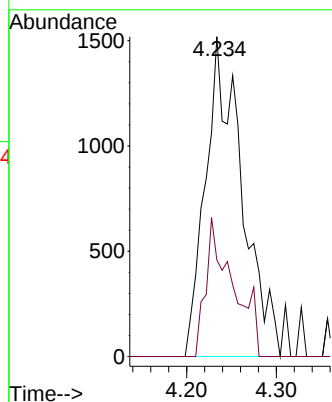
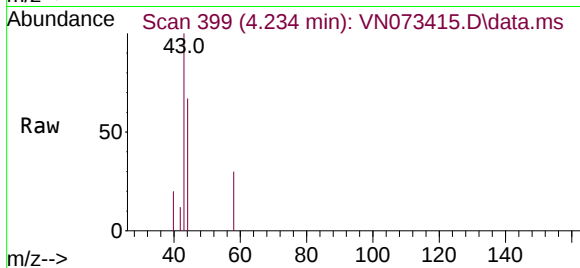
EB-01-070822

Tgt Ion: 43 Resp: 4267

Ion Ratio Lower Upper

43 100

58 30.2 26.0 39.0



#20

Methylene Chloride

Concen: 0.342 ug/l

RT: 5.016 min Scan# 532

Delta R.T. -0.000 min

Lab File: VN073415.D

Acq: 11 Jul 2022 13:28

Tgt Ion: 84 Resp: 1394

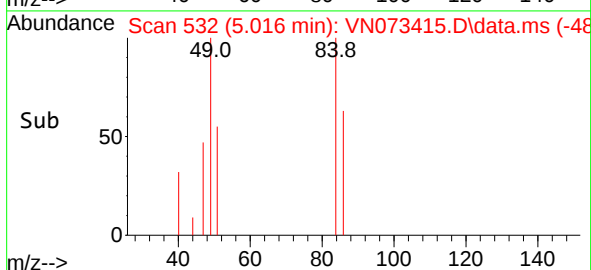
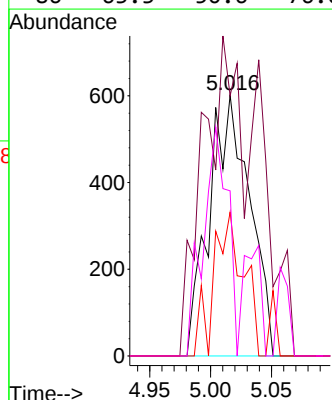
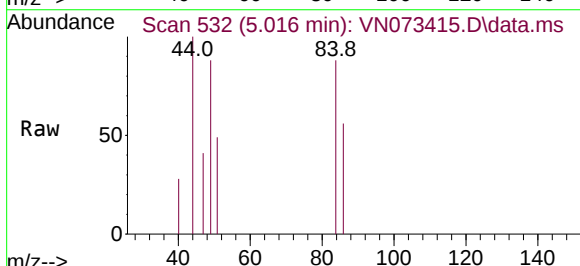
Ion Ratio Lower Upper

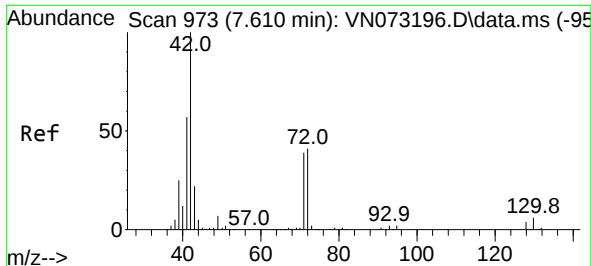
84 100

49 99.7 88.3 132.5

51 55.1 28.2 42.2#

86 63.3 50.6 76.0





#29

Tetrahydrofuran

Concen: 0.329 ug/l

RT: 7.645 min Scan# 91

Delta R.T. 0.035 min

Lab File: VN073415.D

Acq: 11 Jul 2022 13:28

Instrument :

MSVOA_N

ClientSampleId :

EB-01-070822

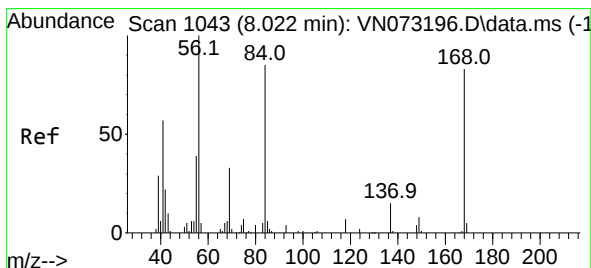
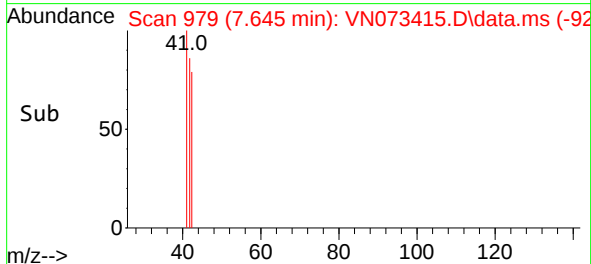
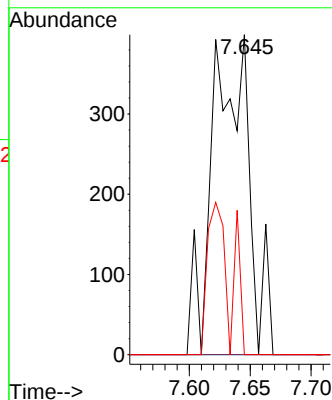
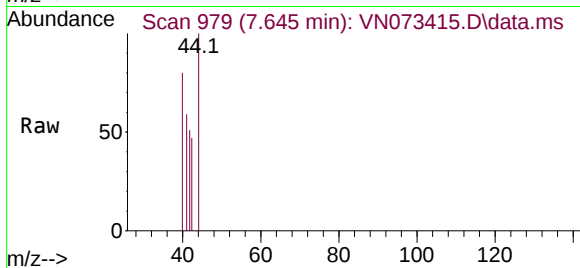
Tgt Ion: 42 Resp: 831

Ion Ratio Lower Upper

42 100

72 0.0 39.7 59.5#

71 0.0 36.6 55.0#



#31

Cyclohexane

Concen: 0.990 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.012 min

Lab File: VN073415.D

Acq: 11 Jul 2022 13:28

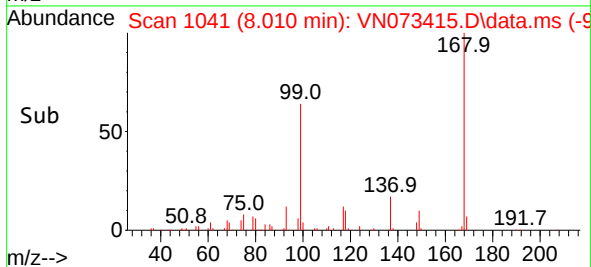
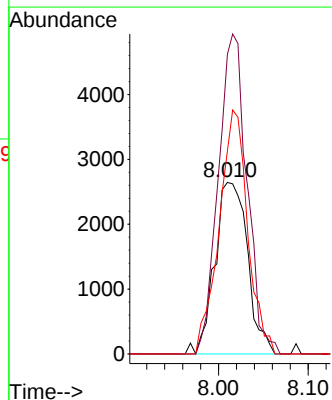
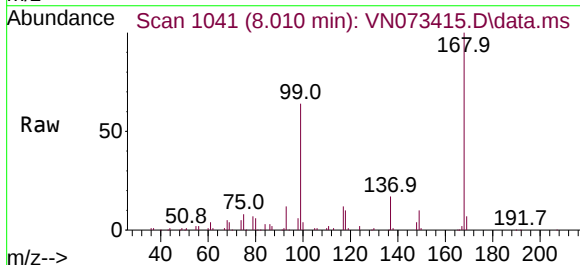
Tgt Ion: 56 Resp: 6696

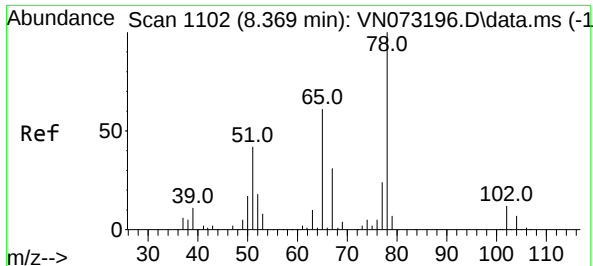
Ion Ratio Lower Upper

56 100

69 174.7 27.8 41.8#

84 118.3 76.9 115.3#

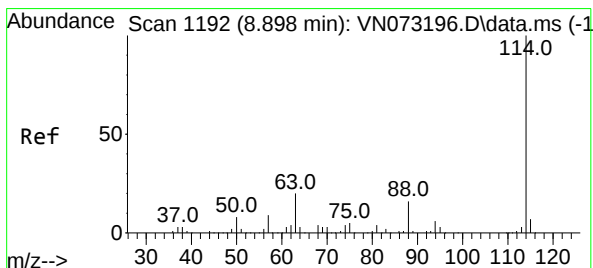
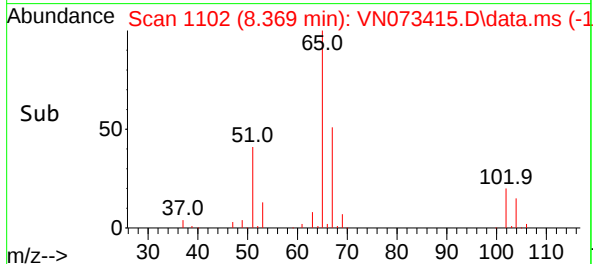
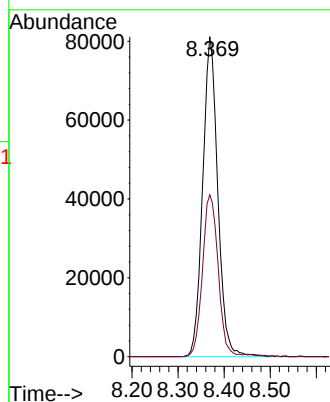
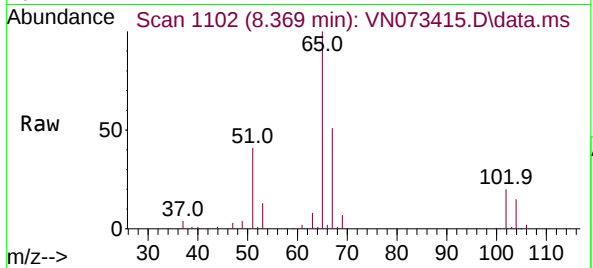




#33
 1,2-Dichloroethane-d4
 Concen: 45.011 ug/l
 RT: 8.369 min Scan# 1102
 Delta R.T. -0.000 min
 Lab File: VN073415.D
 Acq: 11 Jul 2022 13:28

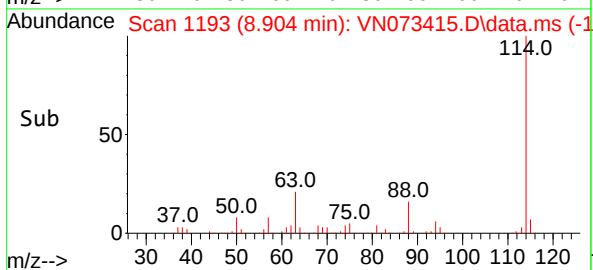
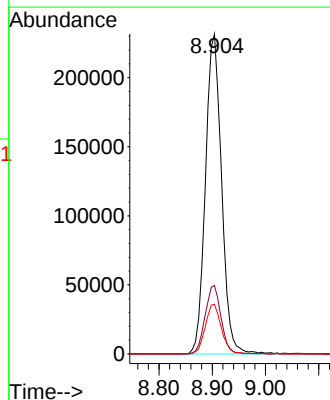
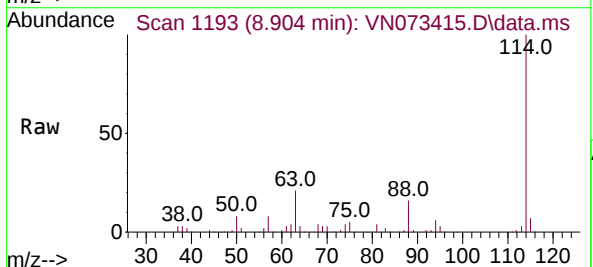
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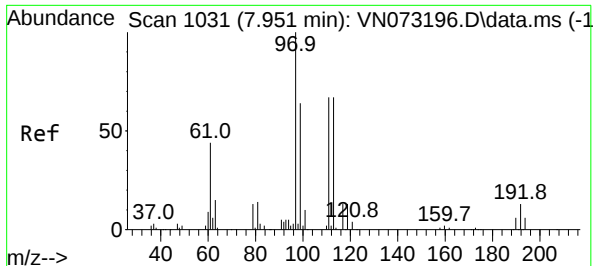
Tgt Ion: 65 Resp: 185836
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.904 min Scan# 1193
 Delta R.T. 0.006 min
 Lab File: VN073415.D
 Acq: 11 Jul 2022 13:28

Tgt Ion: 114 Resp: 486597
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 40.0
 88 15.5 0.0 32.6

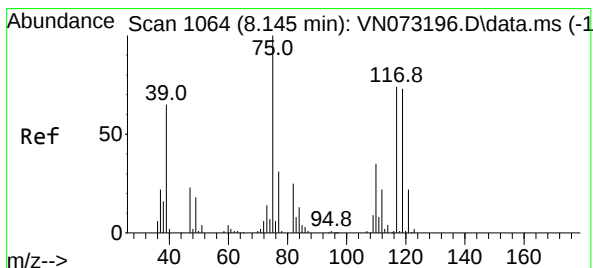
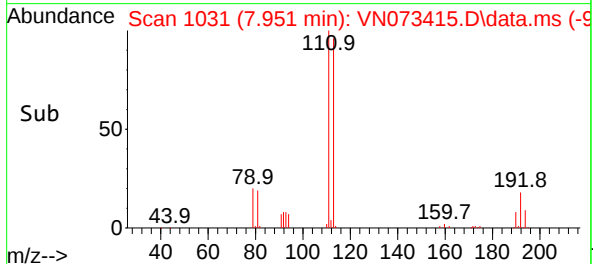
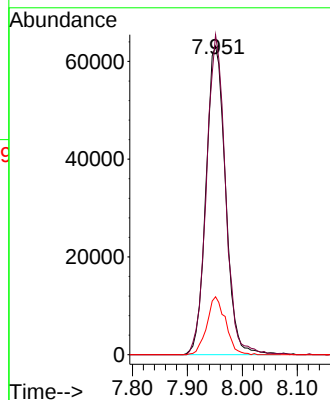
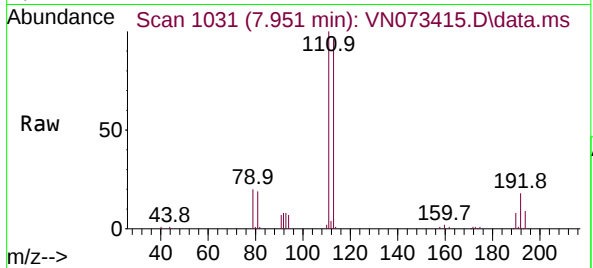




#35
Dibromofluoromethane
Concen: 48.245 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073415.D
Acq: 11 Jul 2022 13:28

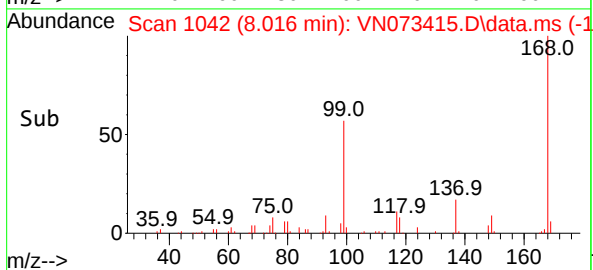
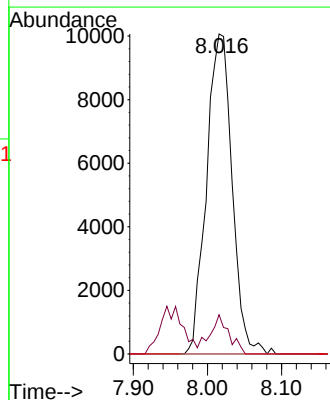
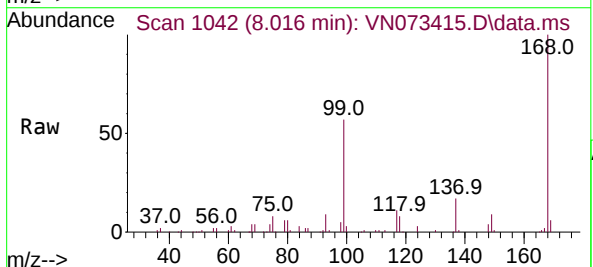
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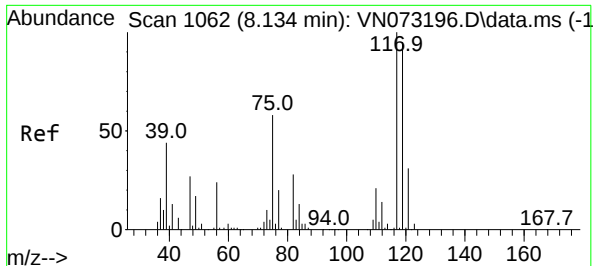
Tgt Ion:113 Resp: 156188
Ion Ratio Lower Upper
113 100
111 101.0 81.4 122.0
192 18.1 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.859 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.129 min
Lab File: VN073415.D
Acq: 11 Jul 2022 13:28

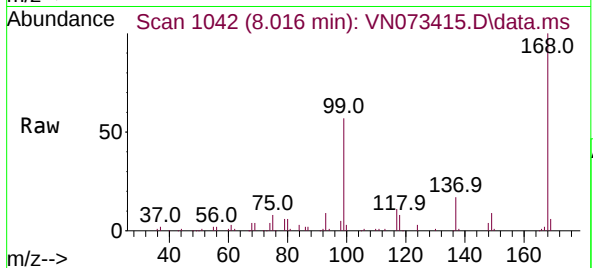
Tgt Ion: 75 Resp: 24206
Ion Ratio Lower Upper
75 100
110 9.1 18.3 54.8#
77 0.0 25.1 37.7#



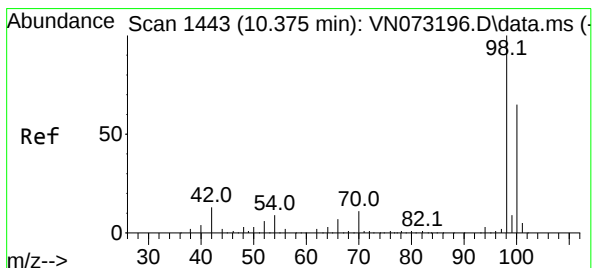
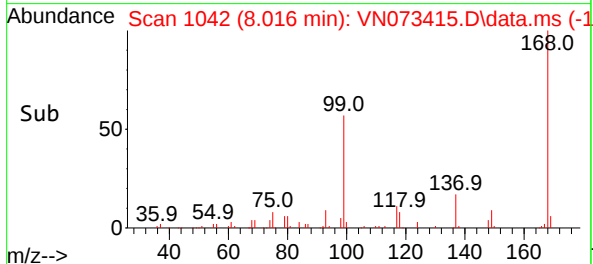
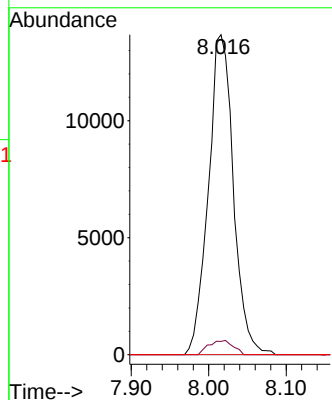


#38
Carbon Tetrachloride
Concen: 5.965 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN073415.D
Acq: 11 Jul 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
EB-01-070822

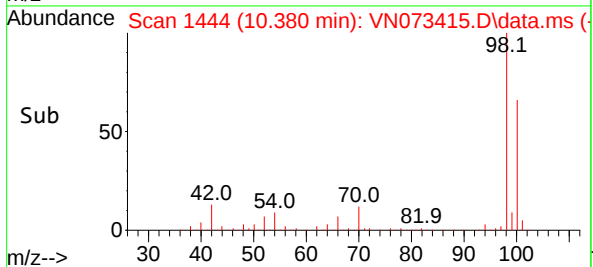
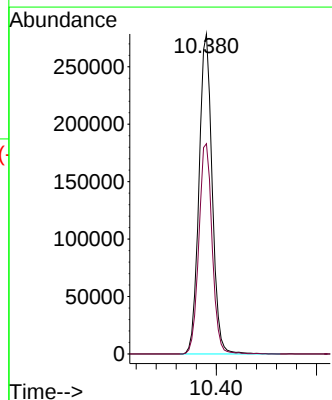
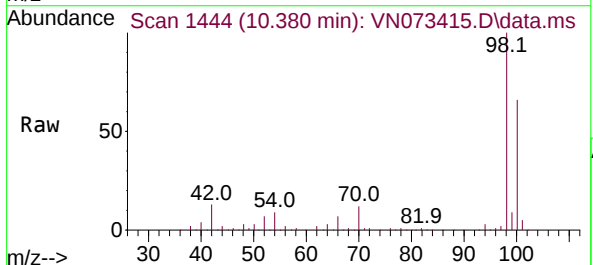


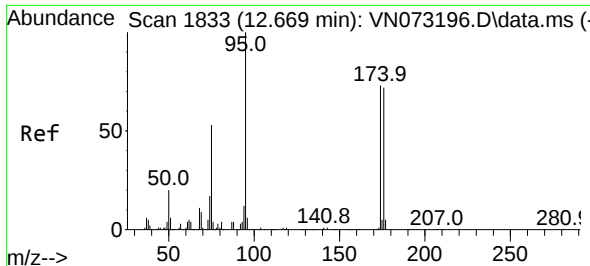
Tgt Ion:117 Resp: 30729
Ion Ratio Lower Upper
117 100
119 4.2 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 44.001 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073415.D
Acq: 11 Jul 2022 13:28

Tgt Ion: 98 Resp: 505934
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8

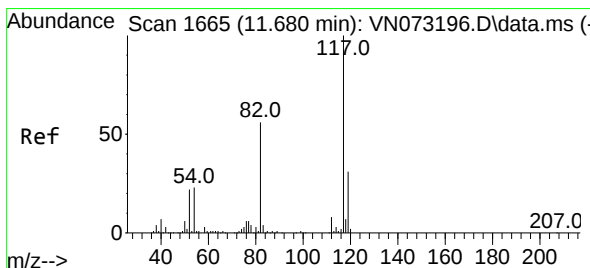
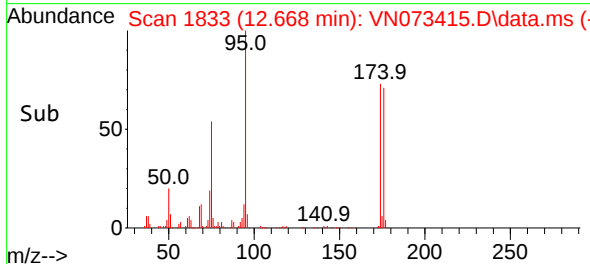
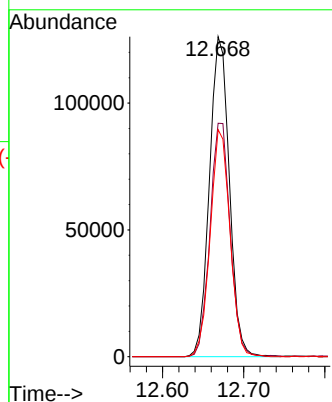
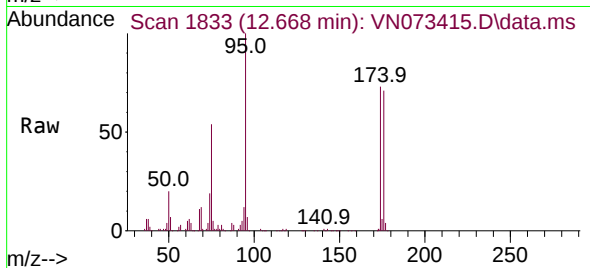




#62
4-Bromofluorobenzene
Concen: 48.534 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073415.D
Acq: 11 Jul 2022 13:28

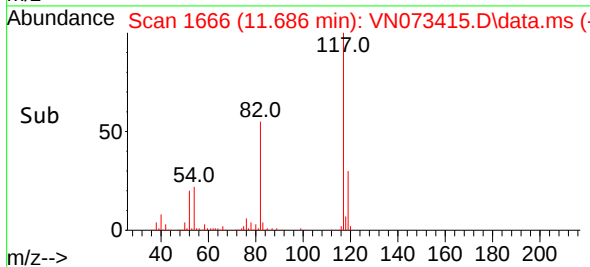
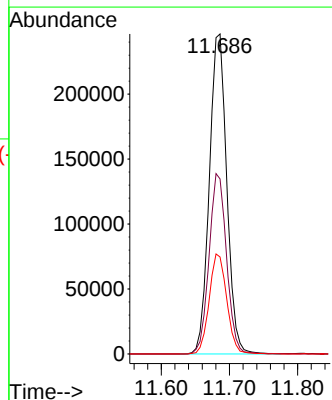
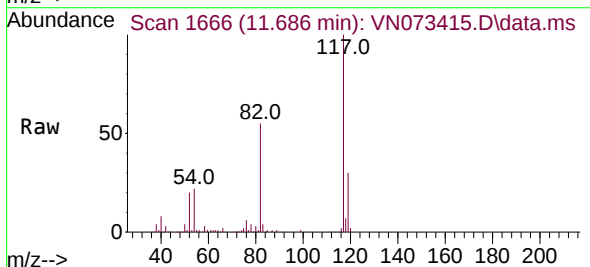
Instrument :
MSVOA_N
ClientSampleId :
EB-01-070822

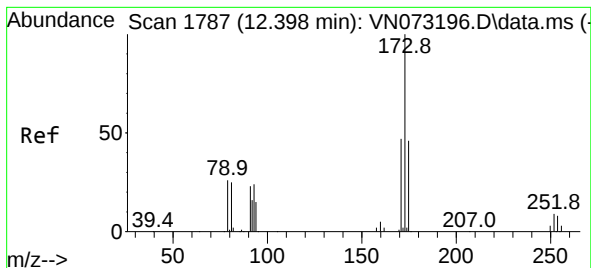
Tgt Ion: 95 Resp: 214456
Ion Ratio Lower Upper
95 100
174 73.9 0.0 167.6
176 70.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073415.D
Acq: 11 Jul 2022 13:28

Tgt Ion: 117 Resp: 438858
Ion Ratio Lower Upper
117 100
82 54.7 44.2 66.2
119 30.3 25.4 38.0





#71

Bromoform

Concen: 0.596 ug/l

RT: 12.668 min Scan# 1833

Delta R.T. 0.270 min

Lab File: VN073415.D

Acq: 11 Jul 2022 13:28

Instrument :

MSVOA_N

ClientSampleId :

EB-01-070822

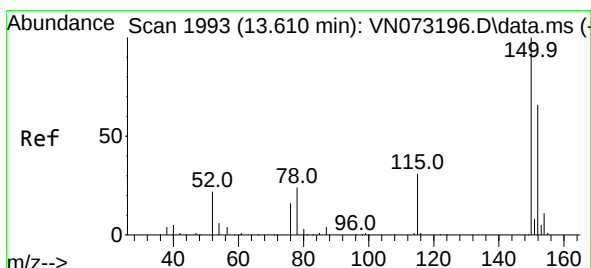
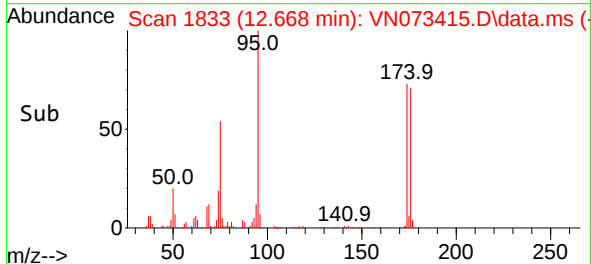
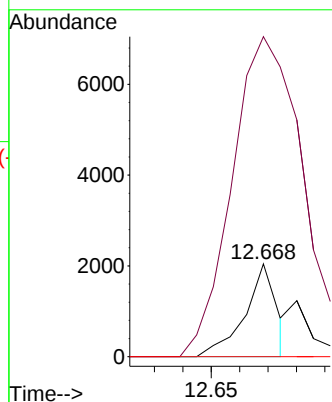
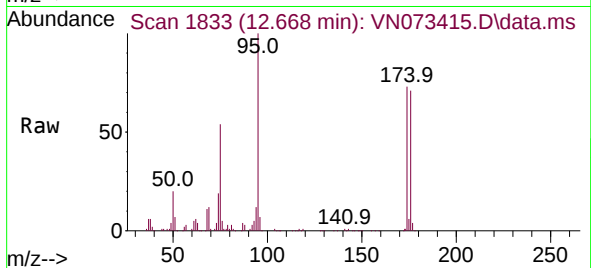
Tgt Ion:173 Resp: 1592

Ion Ratio Lower Upper

173 100

175 559.1 24.6 73.6#

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. 0.005 min

Lab File: VN073415.D

Acq: 11 Jul 2022 13:28

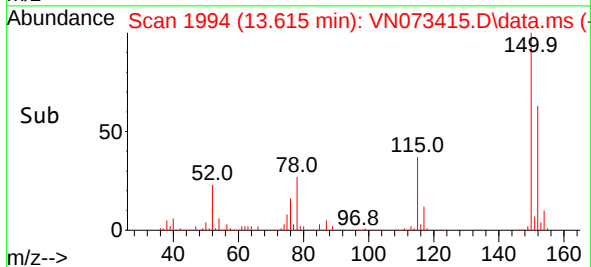
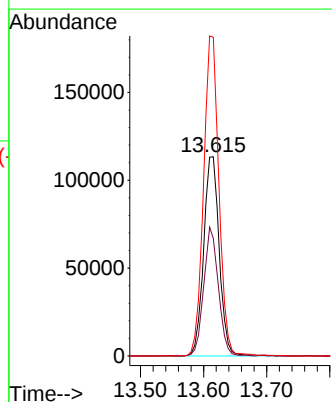
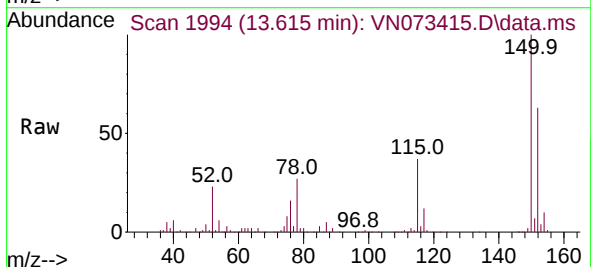
Tgt Ion:152 Resp: 194802

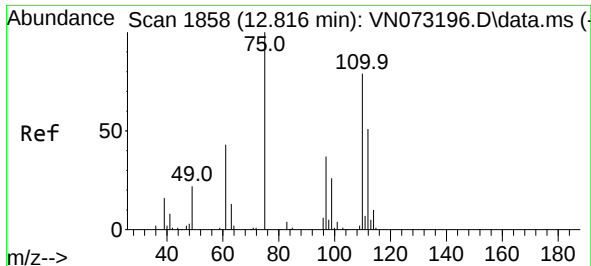
Ion Ratio Lower Upper

152 100

115 60.7 28.9 86.7

150 158.1 0.0 356.2

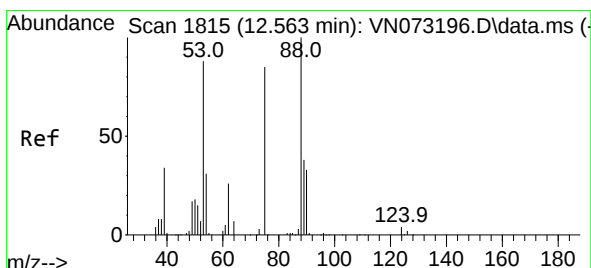
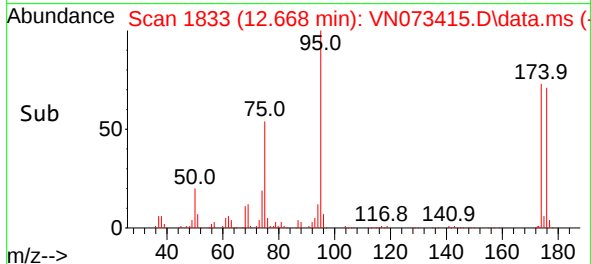
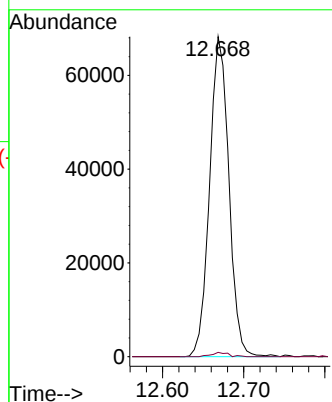
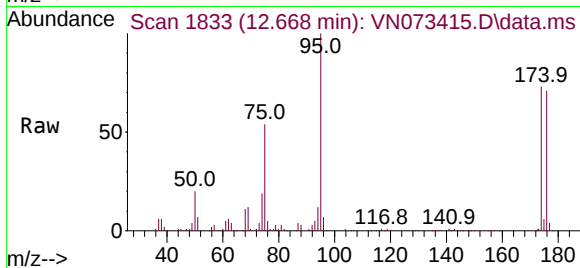




#76
1,2,3-Trichloropropane
Concen: 22.066 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.148 min
Lab File: VN073415.D
Acq: 11 Jul 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
EB-01-070822

Tgt Ion: 75 Resp: 112398
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.516 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.105 min
Lab File: VN073415.D
Acq: 11 Jul 2022 13:28

Tgt Ion: 75 Resp: 112398
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

