

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062922\
 Data File : VN073241.D
 Acq On : 29 Jun 2022 14:28
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Quant Time: Jun 29 15:44:04 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)

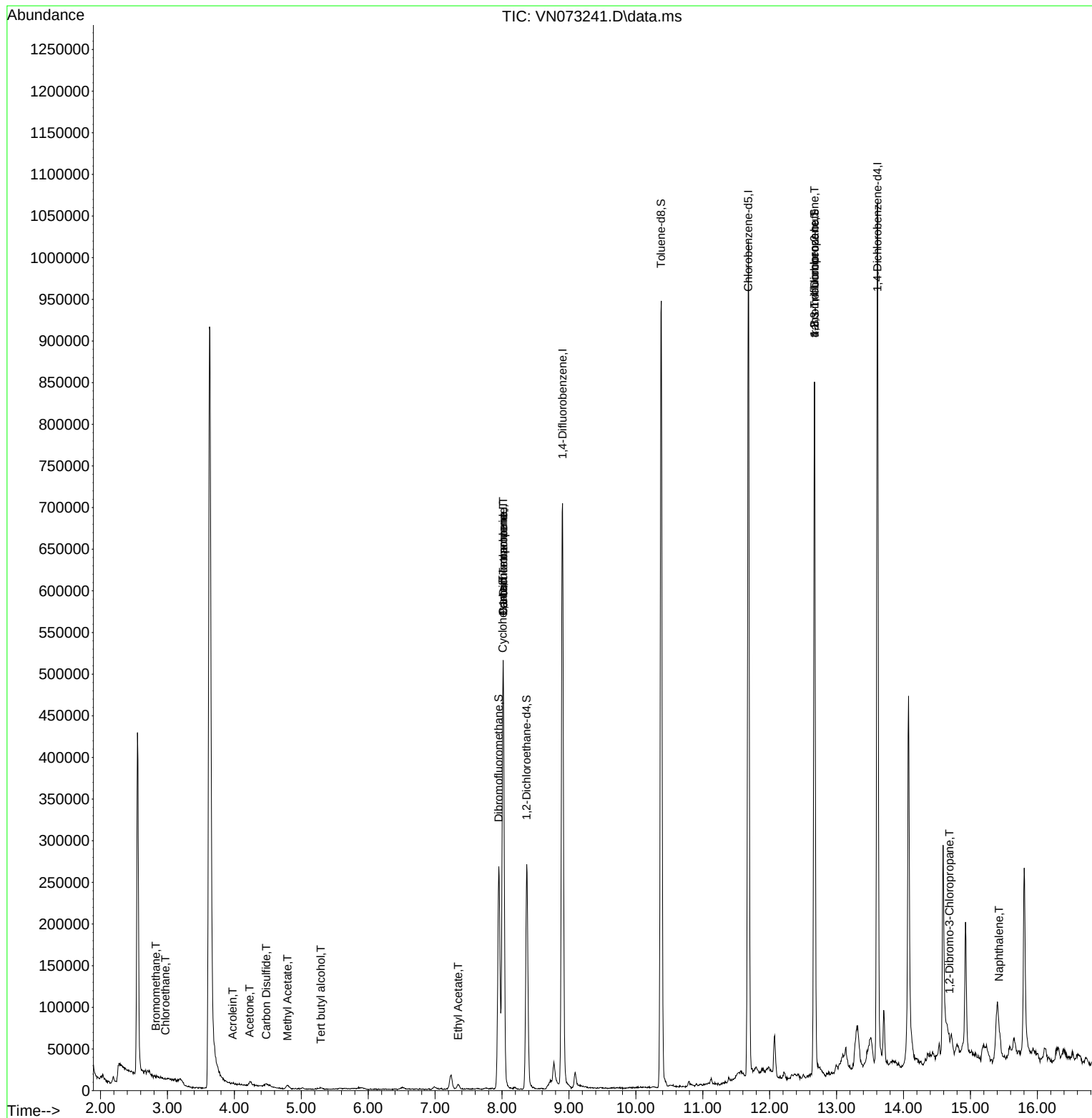
Internal Standards						
1) Pentafluorobenzene	8.016	168	400195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	643372	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	582971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	279167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	224284	38.822	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	77.640%		
35) Dibromofluoromethane	7.951	113	199718	46.658	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.320%		
50) Toluene-d8	10.375	98	660594	43.452	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	86.900%		
62) 4-Bromofluorobenzene	12.669	95	292373	50.044	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.080%		
Target Compounds					Qvalue	
5) Bromomethane	2.828	94	718	0.315	ug/l #	16
6) Chloroethane	2.969	64	1279	0.450	ug/l #	53
11) Tert butyl alcohol	5.293	59	3066	2.191	ug/l #	78
13) Acrolein	3.975	56	602	0.681	ug/l #	52
16) Acetone	4.228	43	9705	2.993	ug/l	93
17) Carbon Disulfide	4.475	76	6229	0.510	ug/l #	95
18) Methyl Acetate	4.793	43	8232	0.906	ug/l	91
31) Cyclohexane	8.010	56	8681	0.917	ug/l #	1
36) 1,1-Dichloropropene	8.016	75	30370	4.611	ug/l #	49
37) Ethyl Acetate	7.345	43	9632	0.968	ug/l	98
38) Carbon Tetrachloride	8.016	117	40070	5.883	ug/l #	17
76) 1,2,3-Trichloropropane	12.669	75	147613	20.222	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	147613	55.458	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	14.686	75	554	0.285	ug/l	80
95) Naphthalene	15.427	128	10770	0.501	ug/l #	69

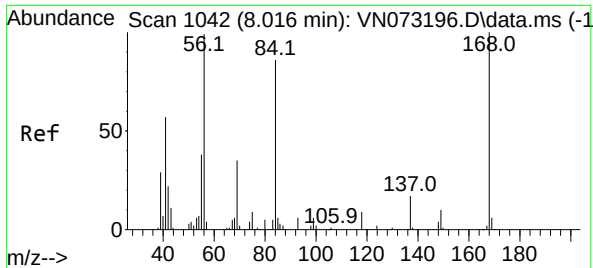
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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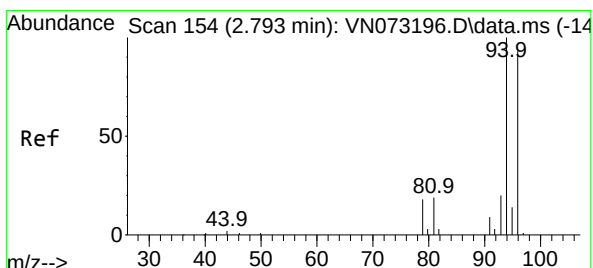
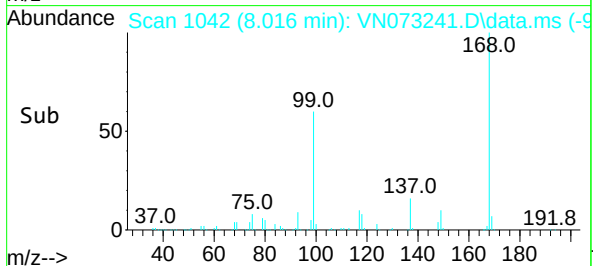
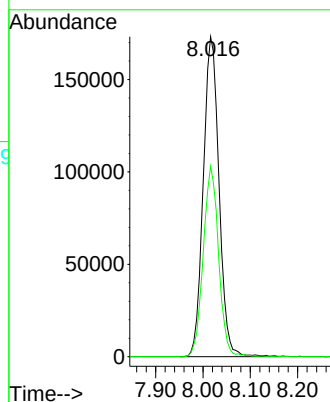
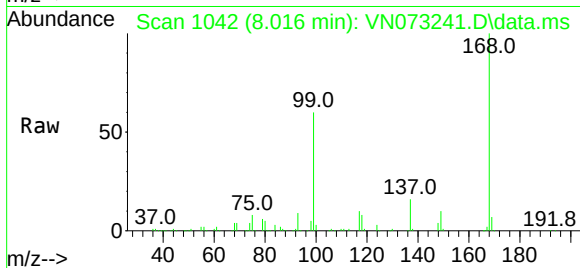




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073241.D
Acq: 29 Jun 2022 14:28

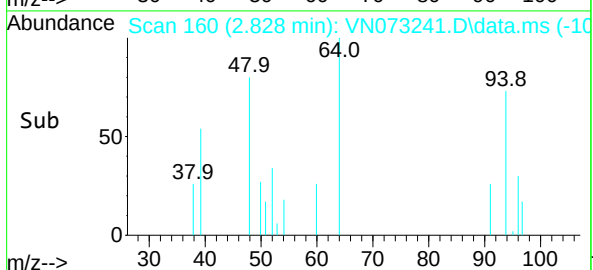
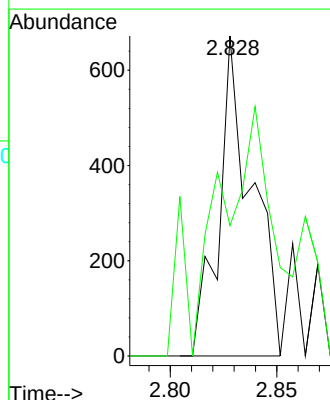
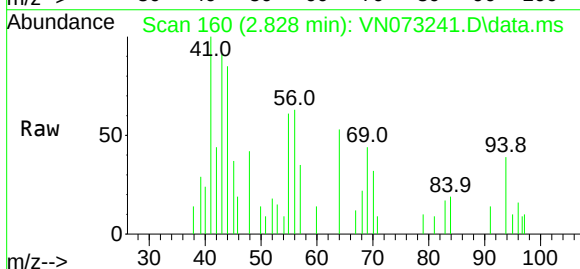
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

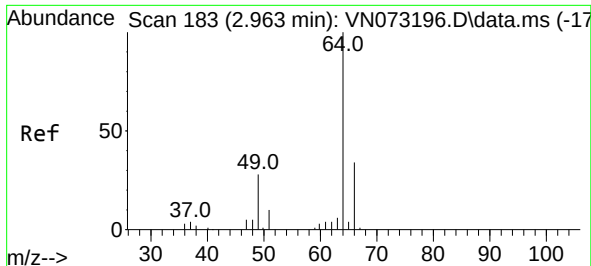
Tgt Ion:168 Resp: 400195
Ion Ratio Lower Upper
168 100
99 59.5 42.3 63.5



#5
Bromomethane
Concen: 0.315 ug/l
RT: 2.828 min Scan# 160
Delta R.T. 0.035 min
Lab File: VN073241.D
Acq: 29 Jun 2022 14:28

Tgt Ion: 94 Resp: 718
Ion Ratio Lower Upper
94 100
96 13.1 76.0 114.0#

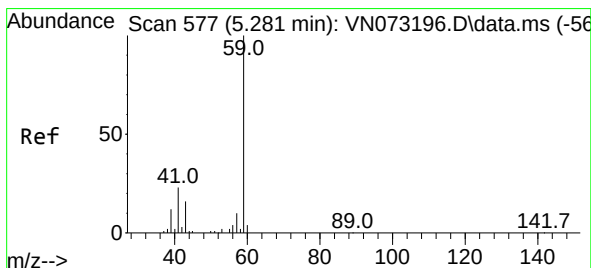
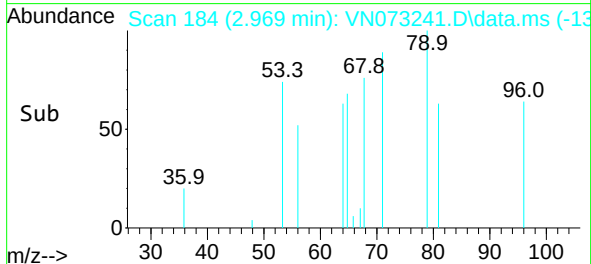
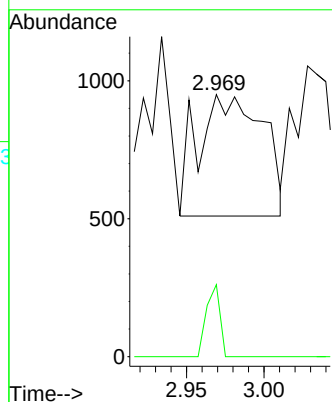
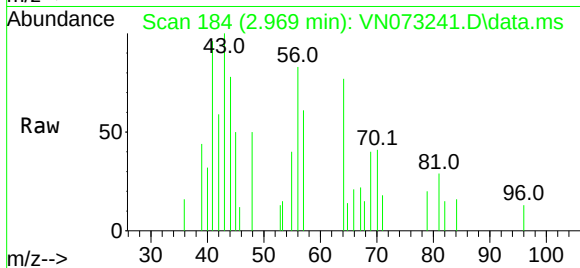




#6
Chloroethane
Concen: 0.450 ug/l
RT: 2.969 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073241.D
Acq: 29 Jun 2022 14:28

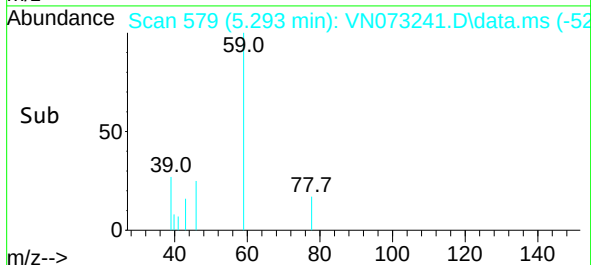
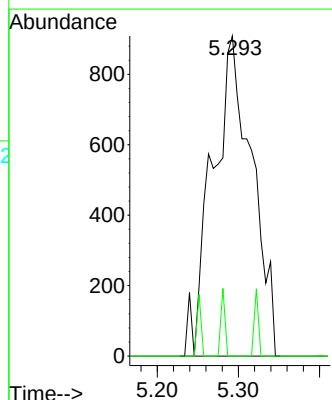
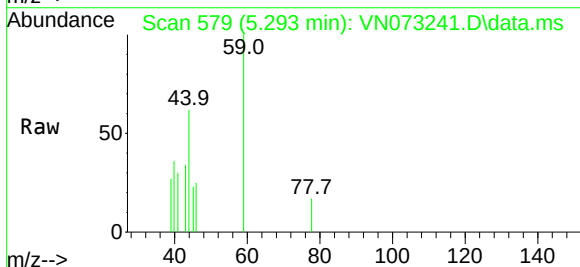
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

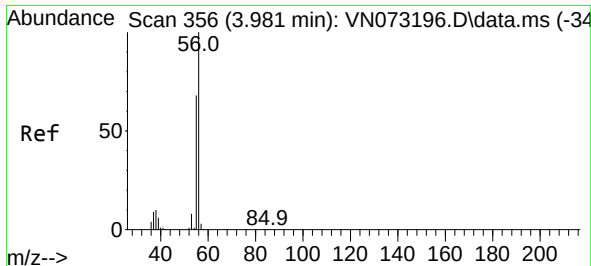
Tgt Ion: 64 Resp: 1279
Ion Ratio Lower Upper
64 100
66 59.3 26.2 39.4#



#11
Tert butyl alcohol
Concen: 2.191 ug/l
RT: 5.293 min Scan# 579
Delta R.T. 0.012 min
Lab File: VN073241.D
Acq: 29 Jun 2022 14:28

Tgt Ion: 59 Resp: 3066
Ion Ratio Lower Upper
59 100
57 2.2 8.3 12.5#





#13

Acrolein

Concen: 0.681 ug/l

RT: 3.975 min Scan# 3

Delta R.T. -0.006 min

Lab File: VN073241.D

Acq: 29 Jun 2022 14:28

Instrument :

MSVOA_N

ClientSampleId :

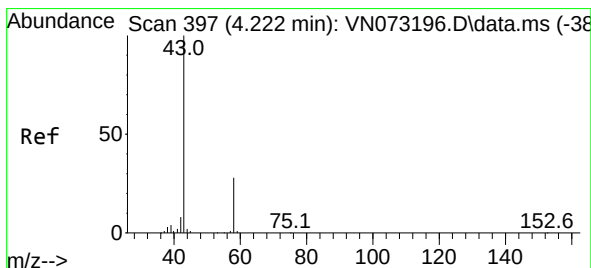
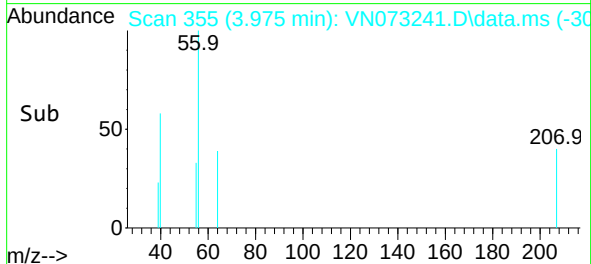
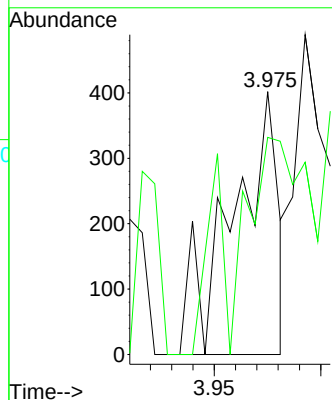
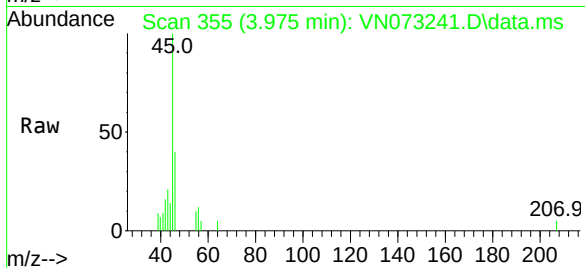
VIBLK

Tgt Ion: 56 Resp: 602

Ion Ratio Lower Upper

56 100

55 107.5 54.8 82.2#



#16

Acetone

Concen: 2.993 ug/l

RT: 4.228 min Scan# 398

Delta R.T. 0.006 min

Lab File: VN073241.D

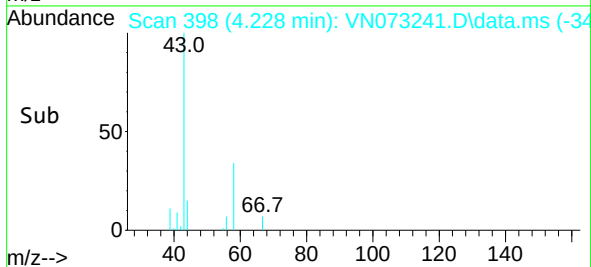
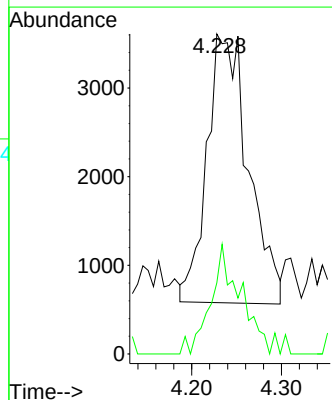
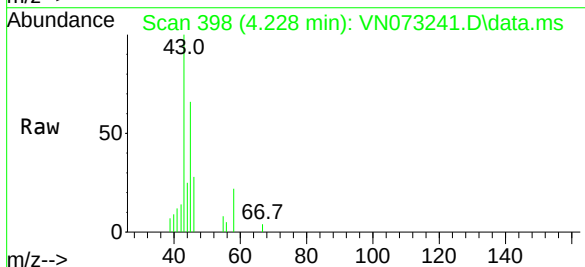
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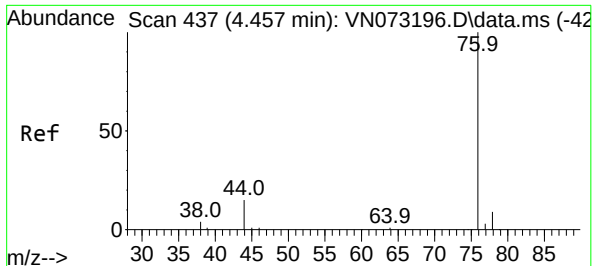
Tgt Ion: 43 Resp: 9705

Ion Ratio Lower Upper

43 100

58 28.4 26.0 39.0





#17

Carbon Disulfide

Concen: 0.510 ug/l

RT: 4.475 min Scan# 440

Delta R.T. 0.018 min

Lab File: VN073241.D

Acq: 29 Jun 2022 14:28

Instrument :

MSVOA_N

ClientSampleId :

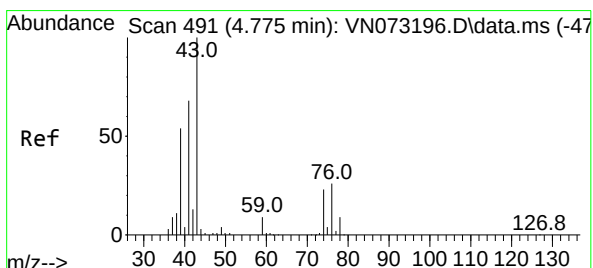
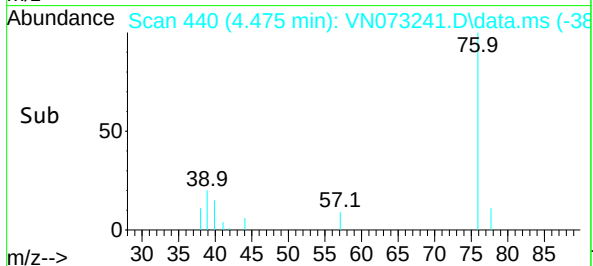
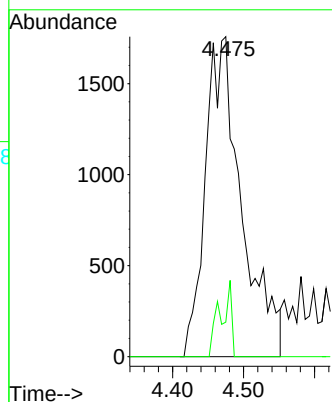
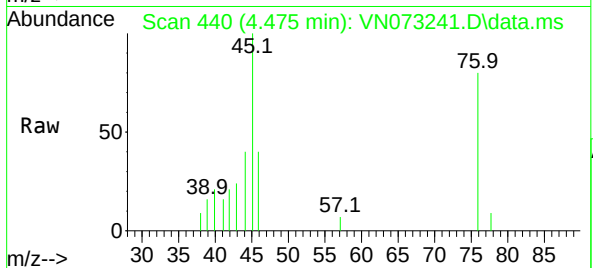
VIBLK

Tgt Ion: 76 Resp: 6229

Ion Ratio Lower Upper

76 100

78 10.8 7.2 10.8#



#18

Methyl Acetate

Concen: 0.906 ug/l

RT: 4.793 min Scan# 494

Delta R.T. 0.018 min

Lab File: VN073241.D

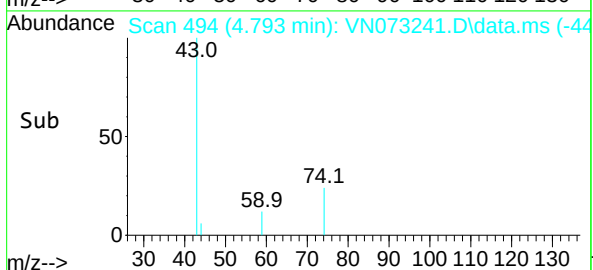
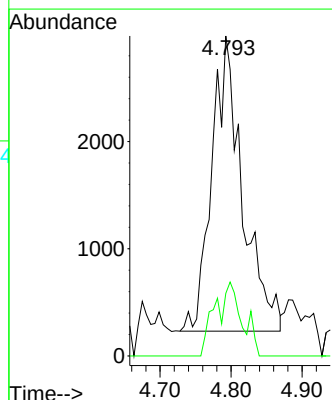
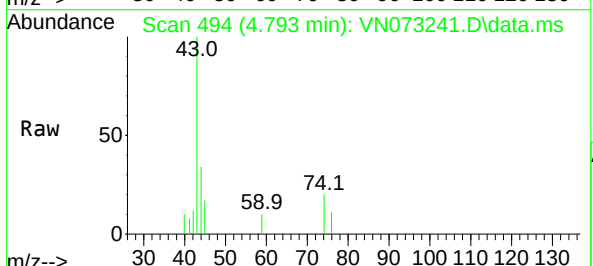
Acq: 29 Jun 2022 14:28

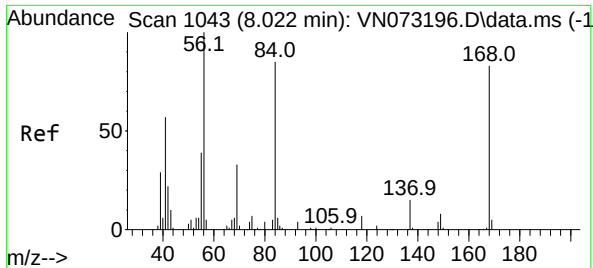
Tgt Ion: 43 Resp: 8232

Ion Ratio Lower Upper

43 100

74 22.1 21.6 32.4

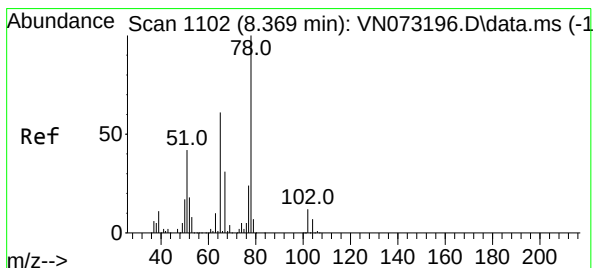
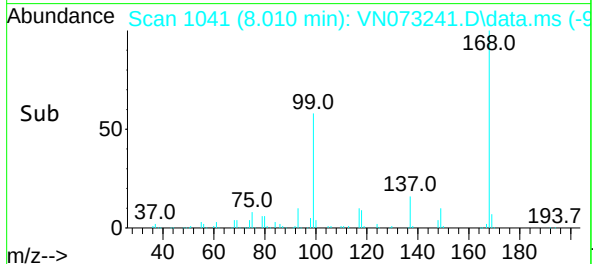
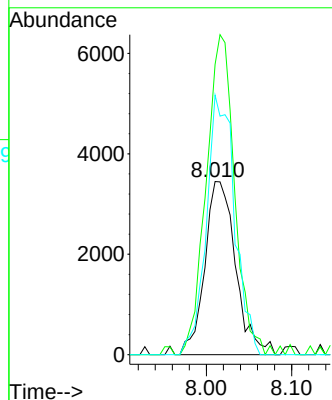
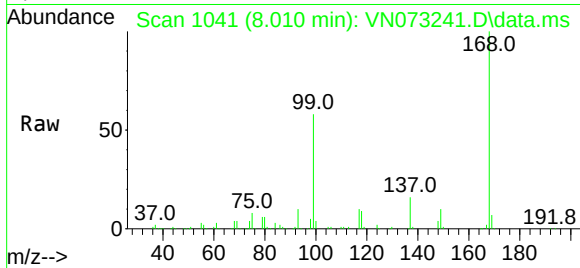




#31
Cyclohexane
Concen: 0.917 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.012 min
Lab File: VN073241.D
Acq: 29 Jun 2022 14:28

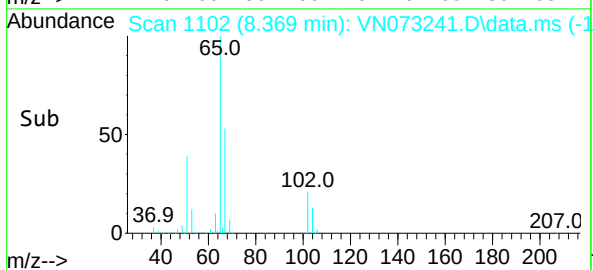
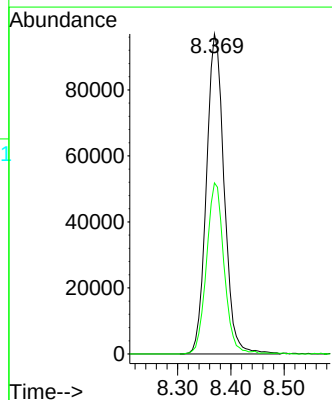
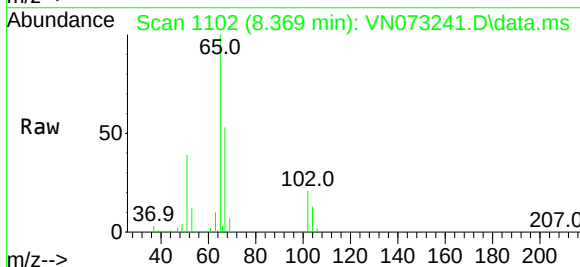
Instrument :
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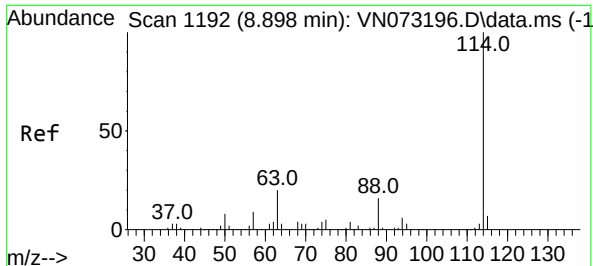
Tgt Ion: 56 Resp: 8681
Ion Ratio Lower Upper
56 100
69 167.6 27.8 41.8#
84 149.8 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 38.822 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073241.D
Acq: 29 Jun 2022 14:28

Tgt Ion: 65 Resp: 224284
Ion Ratio Lower Upper
65 100
67 53.0 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: VN073241.D

Acq: 29 Jun 2022 14:28

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

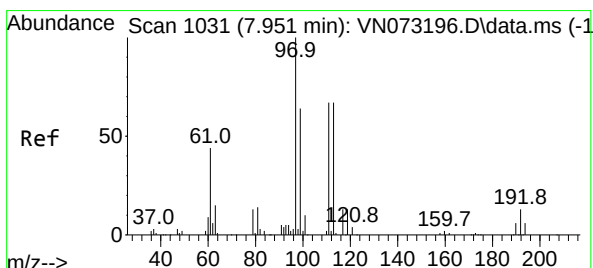
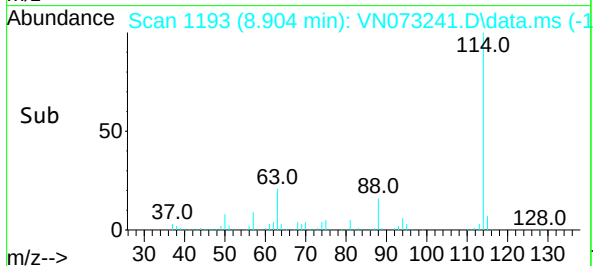
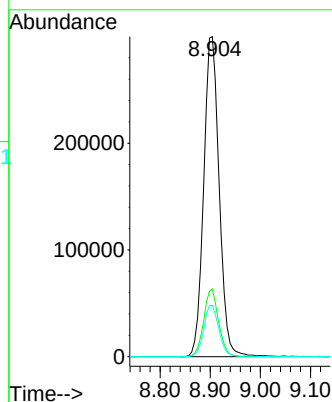
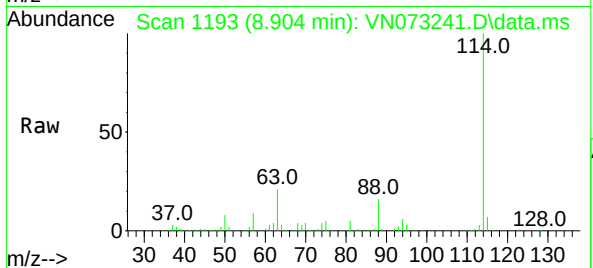
Tgt Ion:114 Resp: 643372

Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.0

88 16.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 46.658 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073241.D

Acq: 29 Jun 2022 14:28

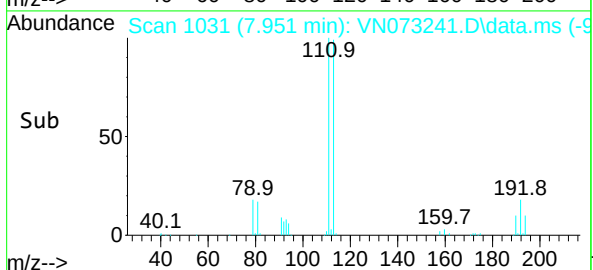
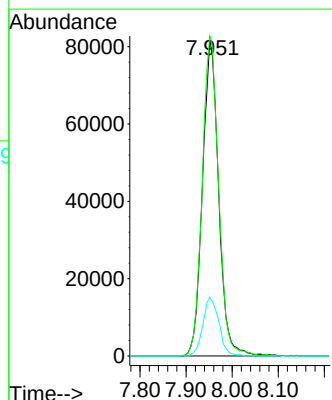
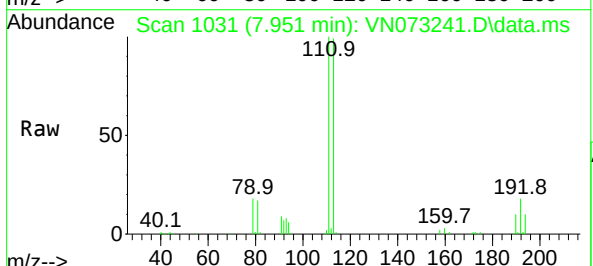
Tgt Ion:113 Resp: 199718

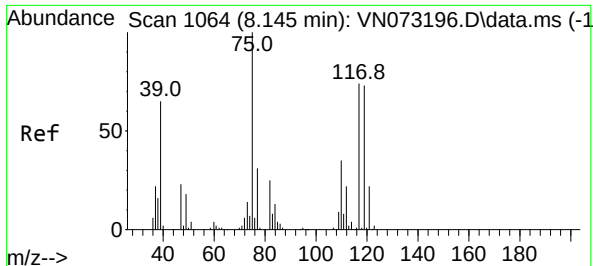
Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

192 18.4 17.0 25.6

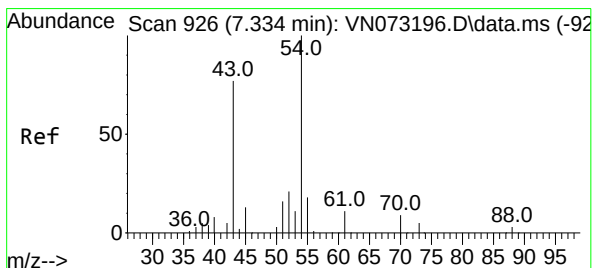
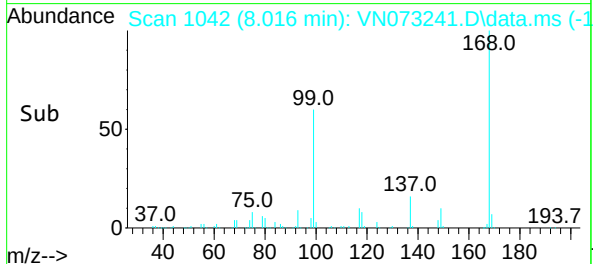
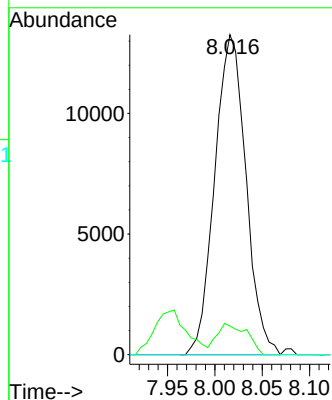
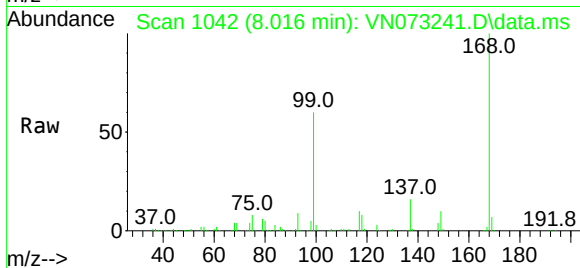




#36
1,1-Dichloropropene
Concen: 4.611 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.129 min
Lab File: VN073241.D
Acq: 29 Jun 2022 14:28

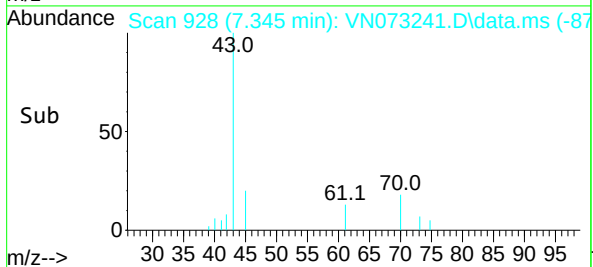
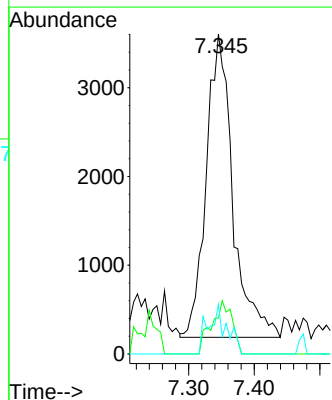
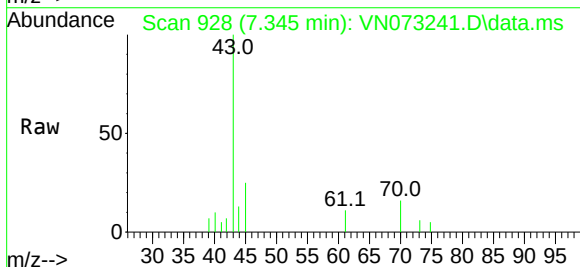
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

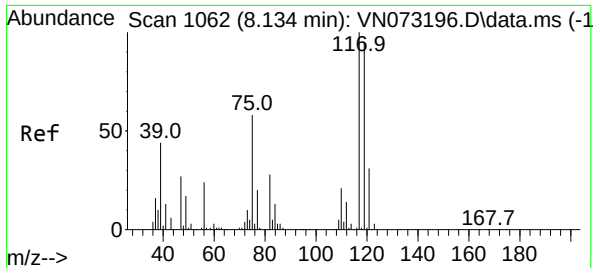
Tgt Ion: 75 Resp: 30370
Ion Ratio Lower Upper
75 100
110 9.3 18.3 54.8#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 0.968 ug/l
RT: 7.345 min Scan# 928
Delta R.T. 0.011 min
Lab File: VN073241.D
Acq: 29 Jun 2022 14:28

Tgt Ion: 43 Resp: 9632
Ion Ratio Lower Upper
43 100
61 13.5 11.8 17.6
70 11.3 9.3 13.9

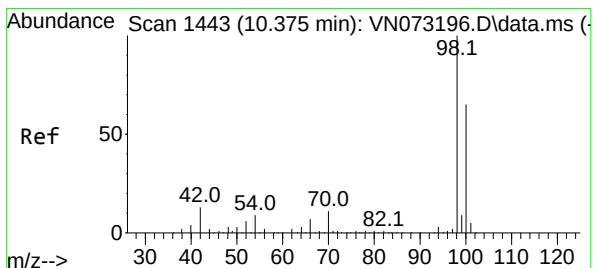
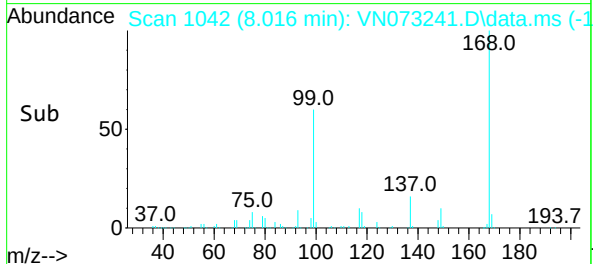
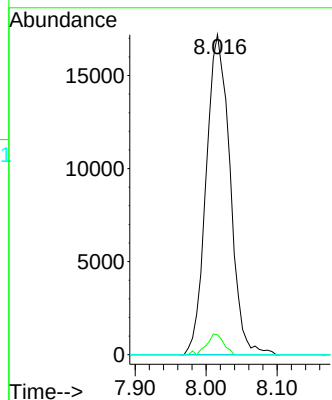
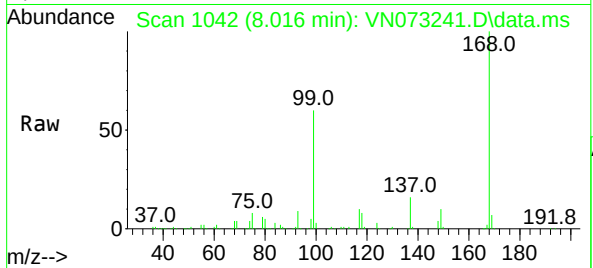




#38
Carbon Tetrachloride
Concen: 5.883 ug/l
RT: 8.016 min Scan# 1062
Delta R.T. -0.118 min
Lab File: VN073241.D
Acq: 29 Jun 2022 14:28

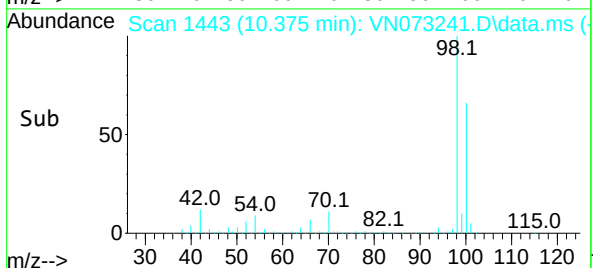
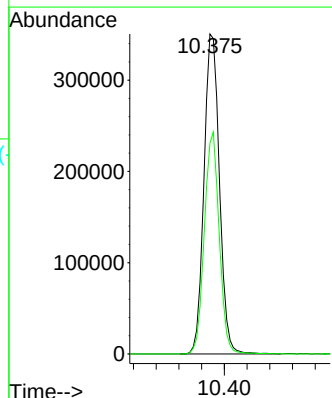
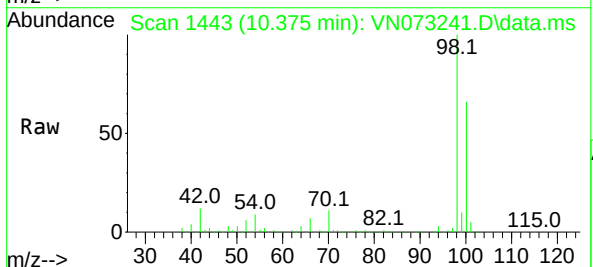
Instrument :
MSVOA_N
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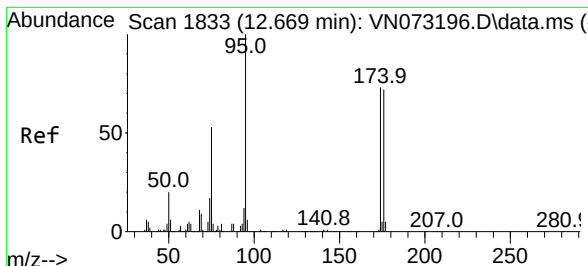
Tgt Ion:117 Resp: 40070
Ion Ratio Lower Upper
117 100
119 6.2 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 43.452 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073241.D
Acq: 29 Jun 2022 14:28

Tgt Ion: 98 Resp: 660594
Ion Ratio Lower Upper
98 100
100 67.0 52.6 78.8

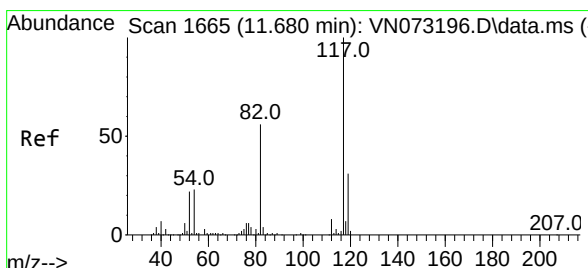
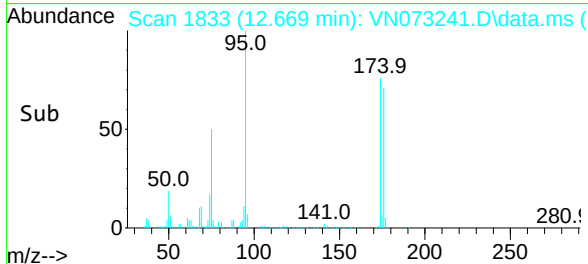
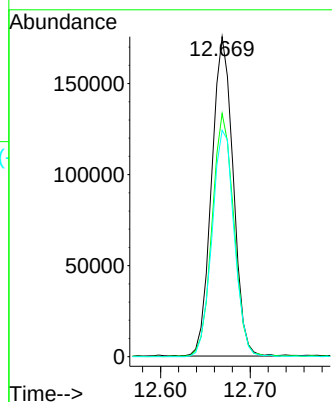
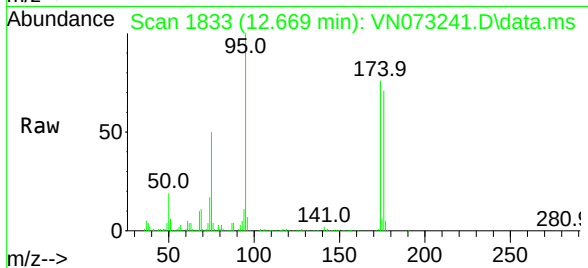




#62
4-Bromofluorobenzene
Concen: 50.044 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073241.D
Acq: 29 Jun 2022 14:28

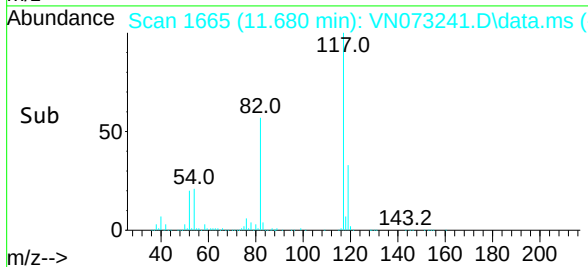
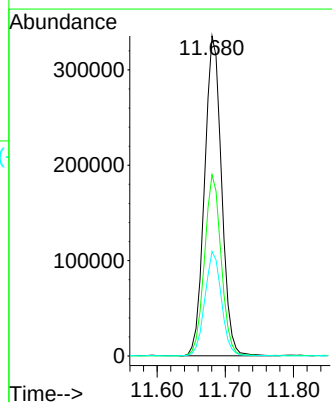
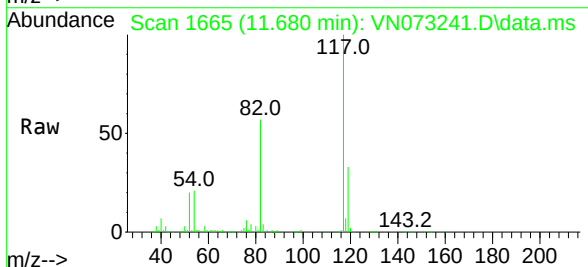
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

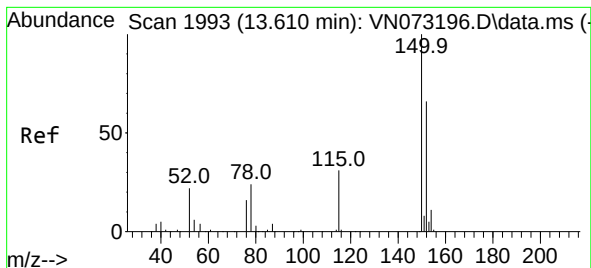
Tgt Ion: 95 Resp: 292373
Ion Ratio Lower Upper
95 100
174 76.9 0.0 167.6
176 73.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073241.D
Acq: 29 Jun 2022 14:28

Tgt Ion: 117 Resp: 582971
Ion Ratio Lower Upper
117 100
82 56.6 44.2 66.2
119 32.6 25.4 38.0

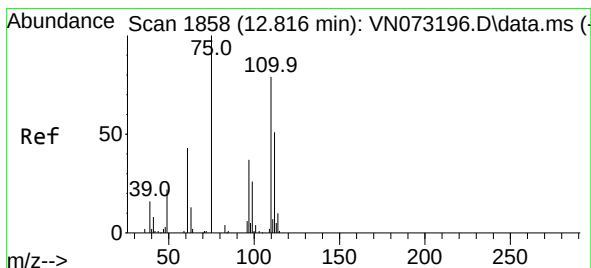
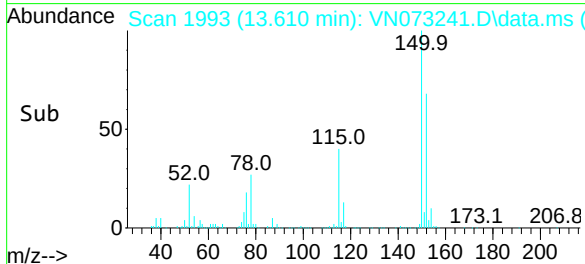
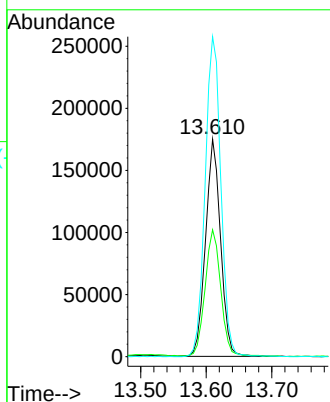
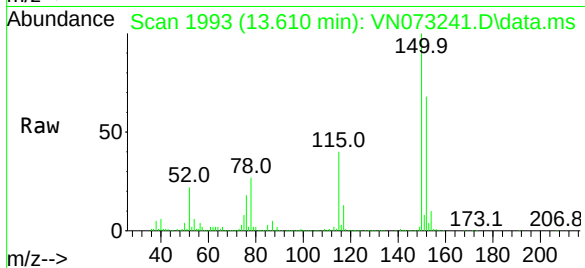




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: VN073241.D
 Acq: 29 Jun 2022 14:28

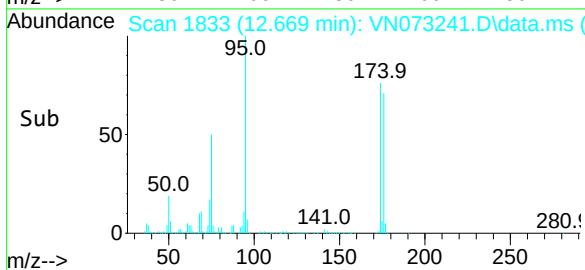
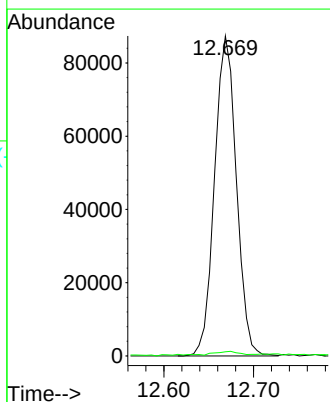
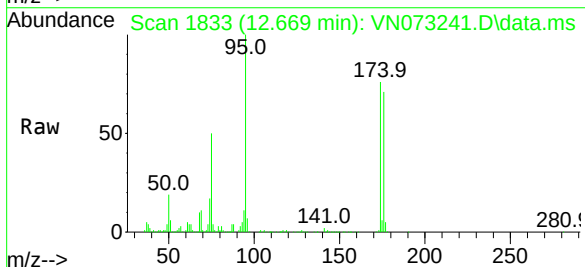
Instrument :
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 ClientSampleId :
 VIBLK

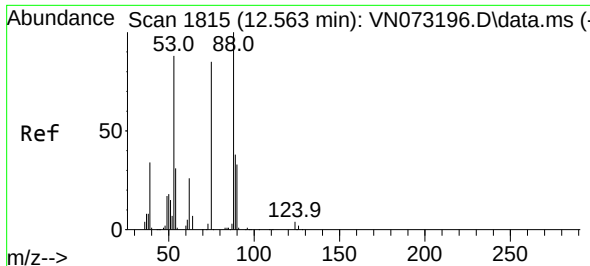
Tgt Ion:152 Resp: 279167
 Ion Ratio Lower Upper
 152 100
 115 61.3 28.9 86.7
 150 154.1 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 20.222 ug/l
 RT: 12.669 min Scan# 1833
 Delta R.T. -0.147 min
 Lab File: VN073241.D
 Acq: 29 Jun 2022 14:28

Tgt Ion: 75 Resp: 147613
 Ion Ratio Lower Upper
 75 100
 77 1.4 98.5 295.5#

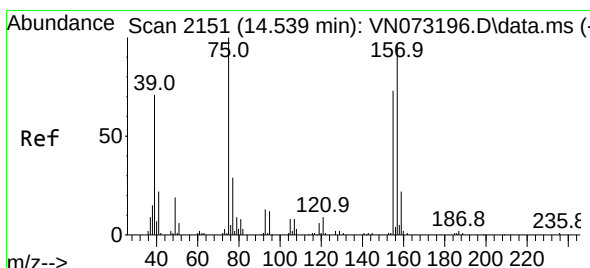
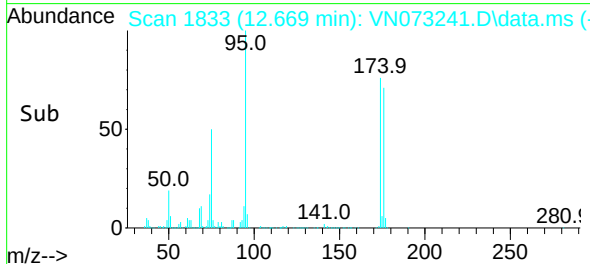
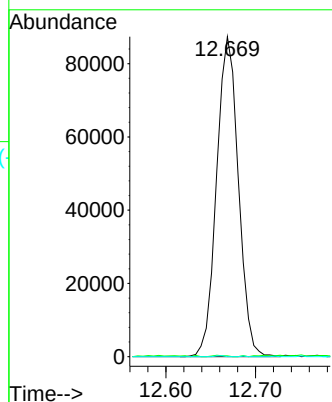
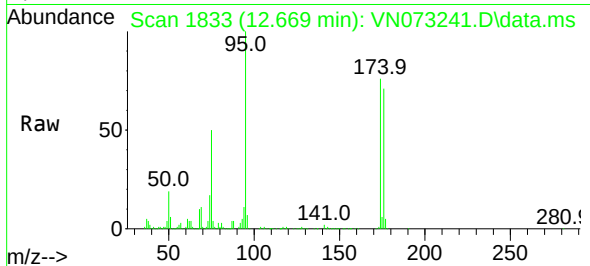




#81
trans-1,4-Dichloro-2-butene
Concen: 55.458 ug/l
RT: 12.669 min Scan# 1815
Delta R.T. 0.106 min
Lab File: VN073241.D
Acq: 29 Jun 2022 14:28

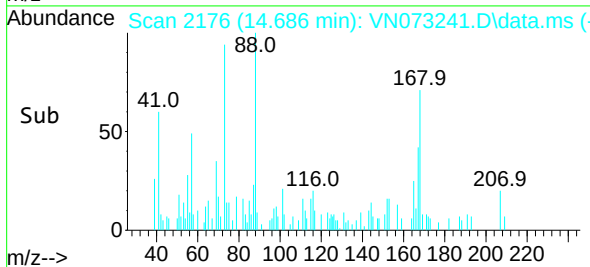
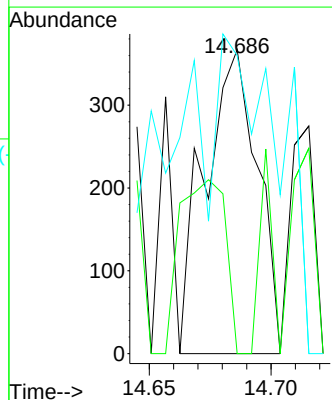
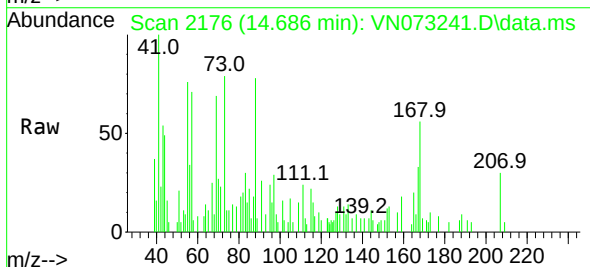
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

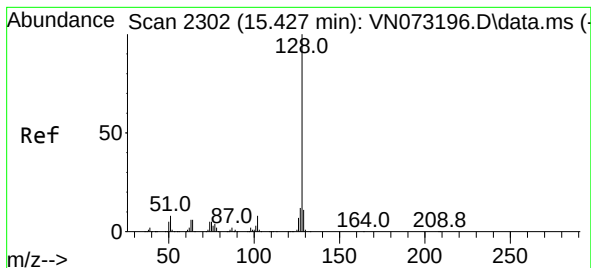
Tgt Ion: 75 Resp: 147613
Ion Ratio Lower Upper
75 100
53 0.3 78.0 117.0#
89 0.1 37.2 55.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.285 ug/l
RT: 14.686 min Scan# 2176
Delta R.T. 0.147 min
Lab File: VN073241.D
Acq: 29 Jun 2022 14:28

Tgt Ion: 75 Resp: 554
Ion Ratio Lower Upper
75 100
155 49.6 44.9 134.5
157 120.6 59.0 176.8





#95

Naphthalene

Concen: 0.501 ug/l

RT: 15.427 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN073241.D

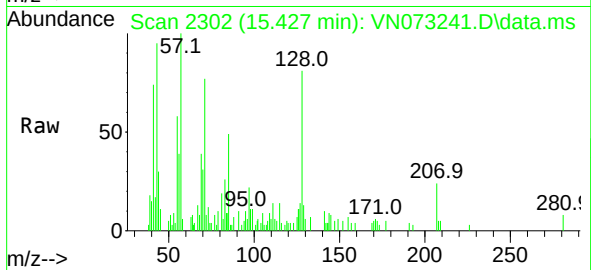
Acq: 29 Jun 2022 14:28

Instrument :

MSVOA_N

ClientSampleId :

VIBLK



Tgt Ion:128 Resp: 10770

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.6 13.0#

