

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070822\
 Data File : VN073393.D
 Acq On : 08 Jul 2022 15:17
 Operator : JC\MD
 Sample : N3636-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-01-070722

Quant Time: Jul 09 05:25:35 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)

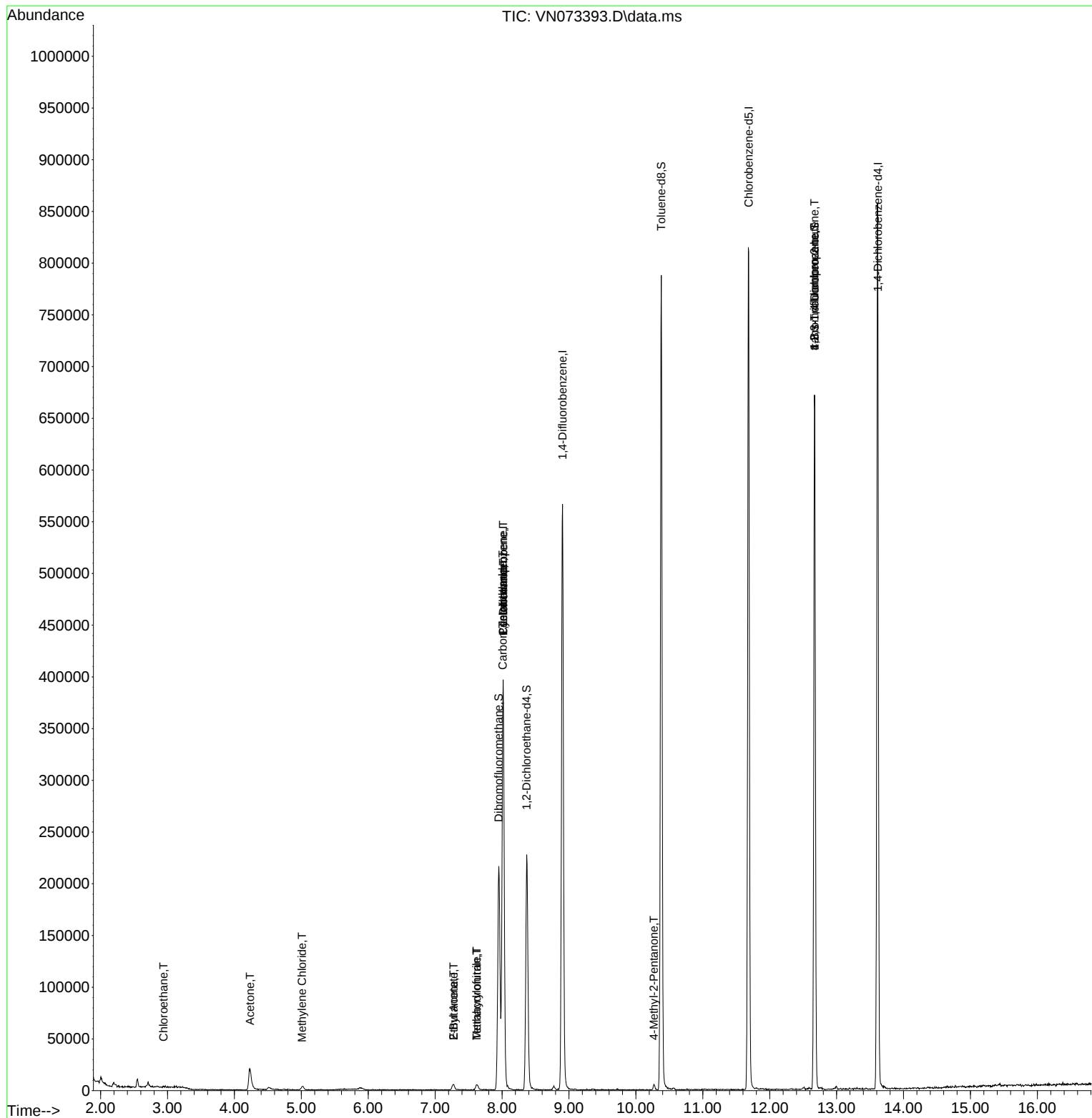
Internal Standards						
1) Pentafluorobenzene	8.016	168	299760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	496945	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	471531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	228415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	186991	43.211	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.420%		
35) Dibromofluoromethane	7.951	113	160037	48.404	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.800%		
50) Toluene-d8	10.380	98	536311	45.672	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.340%		
62) 4-Bromofluorobenzene	12.668	95	240821	53.366	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.740%		
Target Compounds			Qvalue			
6) Chloroethane	2.940	64	712	0.335	ug/l #	42
16) Acetone	4.234	43	38739	15.948	ug/l	93
20) Methylene Chloride	5.010	84	2753	0.645	ug/l #	86
25) 2-Butanone	7.275	43	10171	2.630	ug/l #	80
29) Tetrahydrofuran	7.622	42	4273	1.614	ug/l #	71
31) Cyclohexane	8.016	56	7202	1.016	ug/l #	34
36) 1,1-Dichloropropene	8.016	75	25385	4.990	ug/l #	48
37) Ethyl Acetate	7.275	43	10171	1.323	ug/l #	67
38) Carbon Tetrachloride	8.010	117	29230	5.556	ug/l #	15
41) Methacrylonitrile	7.622	41	2973	0.797	ug/l #	35
51) 4-Methyl-2-Pentanone	10.269	43	3909	0.558	ug/l #	86
76) 1,2,3-Trichloropropane	12.668	75	122193	20.459	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	122193	56.108	ug/l #	10

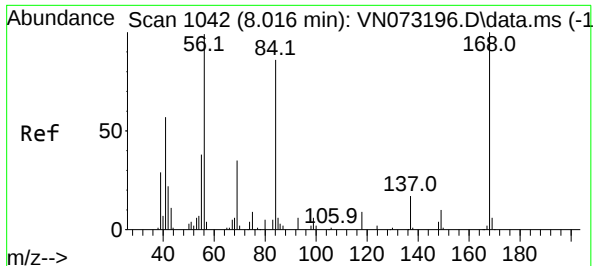
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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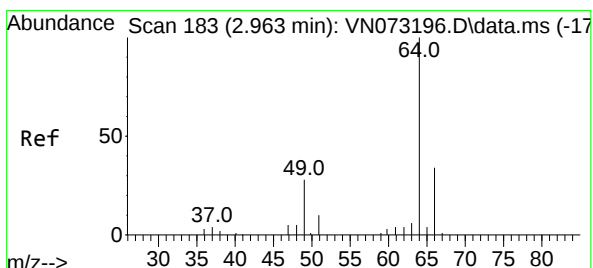
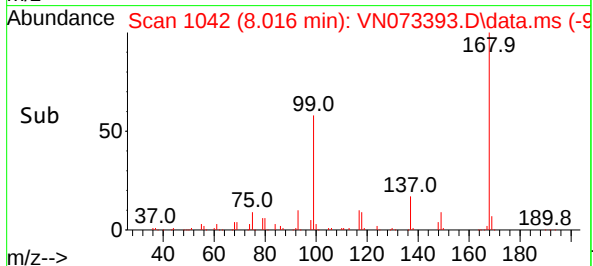
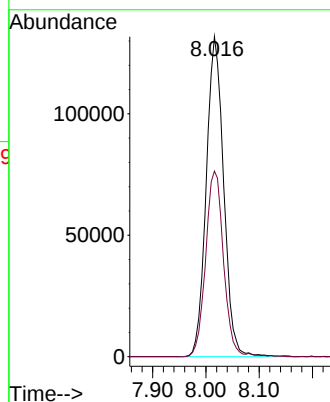
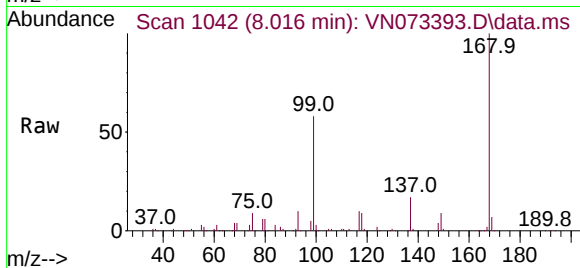




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073393.D
Acq: 08 Jul 2022 15:17

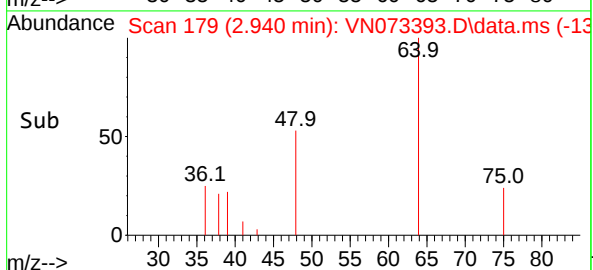
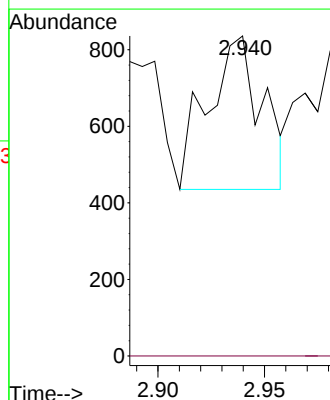
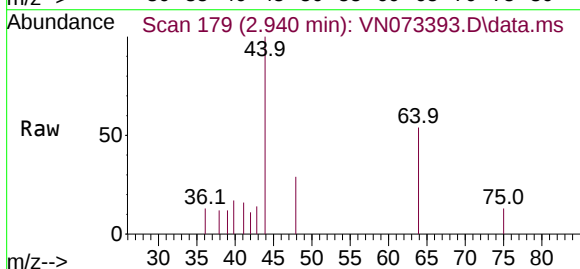
Instrument :
MSVOA_N
ClientSampleId :
EB-01-070722

Tgt Ion:168 Resp: 299760
Ion Ratio Lower Upper
168 100
99 58.0 42.3 63.5



#6
Chloroethane
Concen: 0.335 ug/l
RT: 2.940 min Scan# 179
Delta R.T. -0.023 min
Lab File: VN073393.D
Acq: 08 Jul 2022 15:17

Tgt Ion: 64 Resp: 712
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

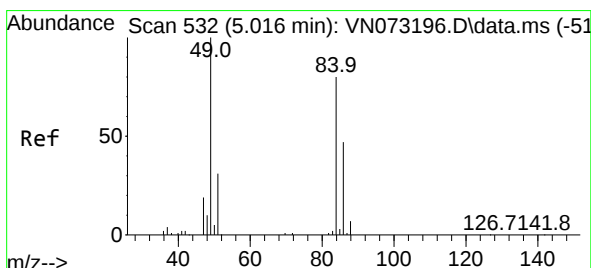
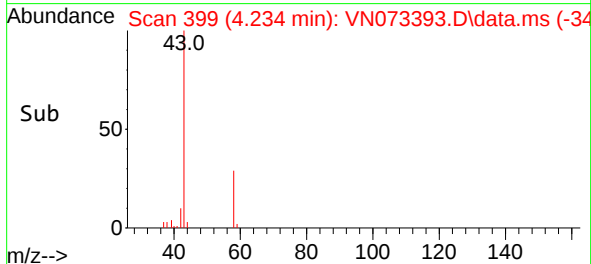
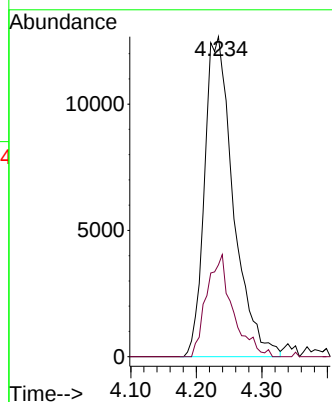
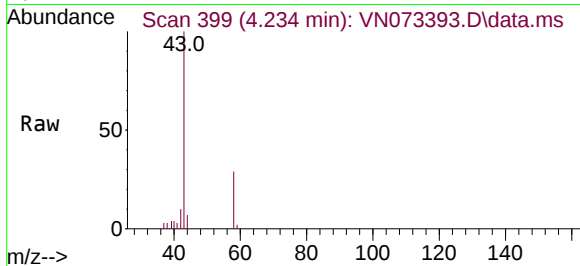




#16
Acetone
Concen: 15.948 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN073393.D
Acq: 08 Jul 2022 15:17

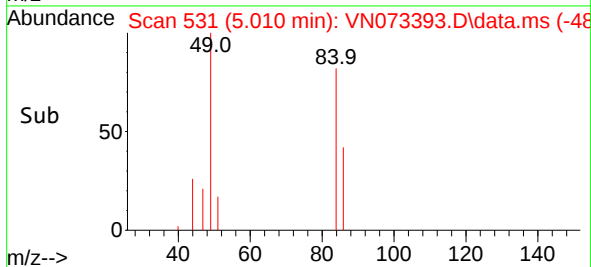
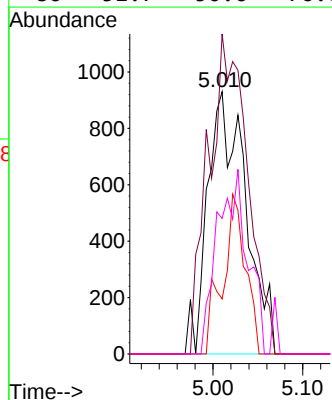
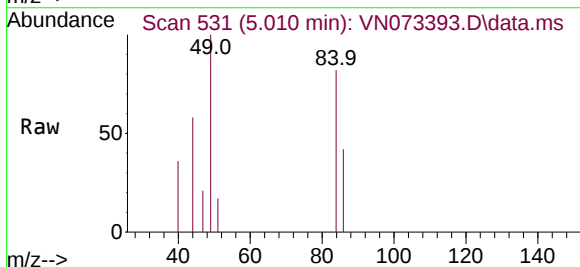
Instrument :
MSVOA_N
ClientSampleId :
EB-01-070722

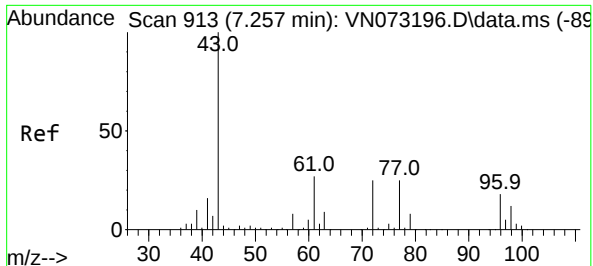
Tgt Ion: 43 Resp: 38739
Ion Ratio Lower Upper
43 100
58 28.7 26.0 39.0



#20
Methylene Chloride
Concen: 0.645 ug/l
RT: 5.010 min Scan# 531
Delta R.T. -0.006 min
Lab File: VN073393.D
Acq: 08 Jul 2022 15:17

Tgt Ion: 84 Resp: 2753
Ion Ratio Lower Upper
84 100
49 122.0 88.3 132.5
51 21.0 28.2 42.2#
86 51.7 50.6 76.0





#25

2-Butanone

Concen: 2.630 ug/l

RT: 7.275 min Scan# 913

Delta R.T. 0.018 min

Lab File: VN073393.D

Acq: 08 Jul 2022 15:17

Instrument :

MSVOA_N

ClientSampleId :

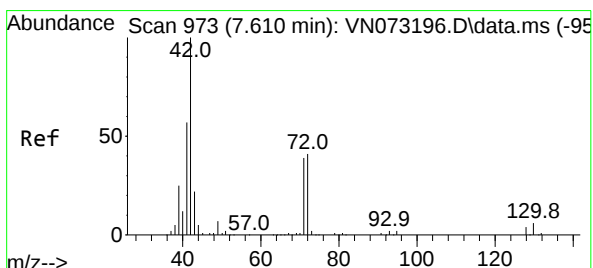
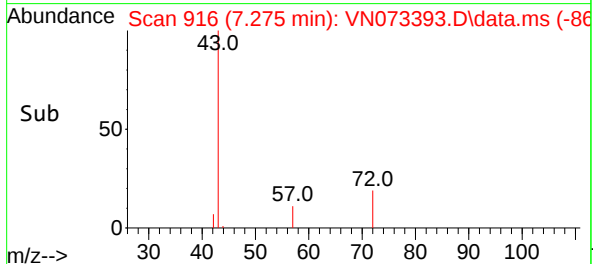
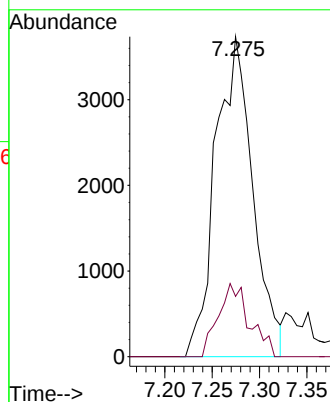
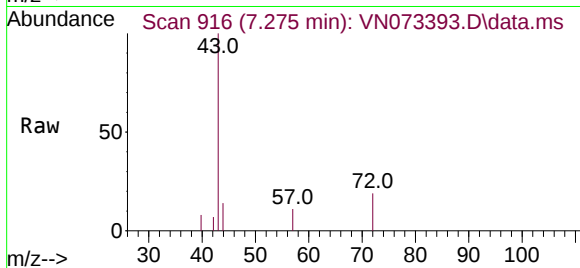
EB-01-070722

Tgt Ion: 43 Resp: 10171

Ion Ratio Lower Upper

43 100

72 18.9 23.7 35.5#



#29

Tetrahydrofuran

Concen: 1.614 ug/l

RT: 7.622 min Scan# 975

Delta R.T. 0.012 min

Lab File: VN073393.D

Acq: 08 Jul 2022 15:17

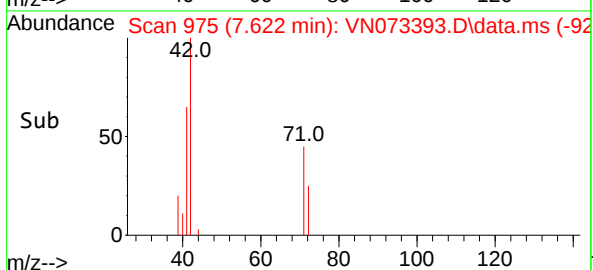
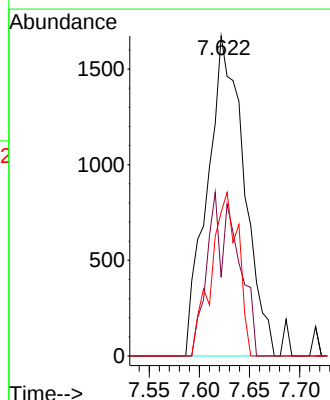
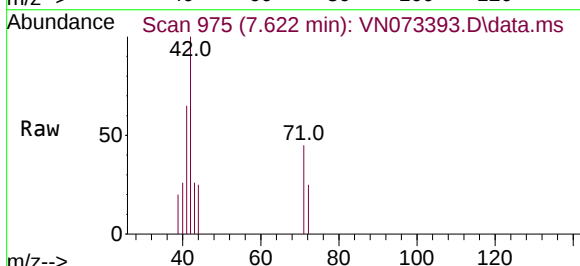
Tgt Ion: 42 Resp: 4273

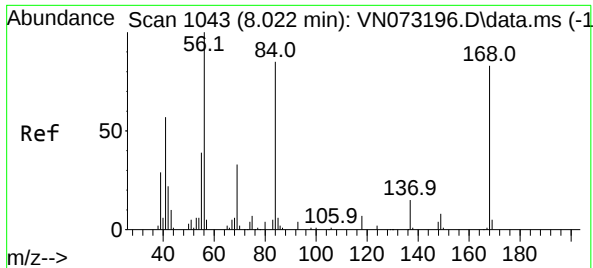
Ion Ratio Lower Upper

42 100

72 19.8 39.7 59.5#

71 37.6 36.6 55.0

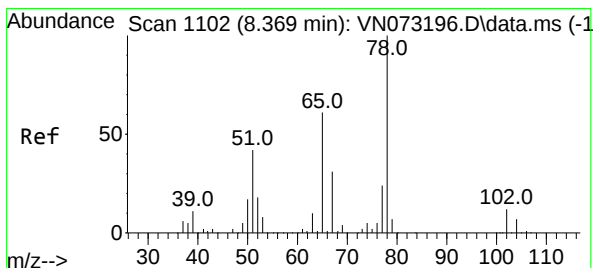
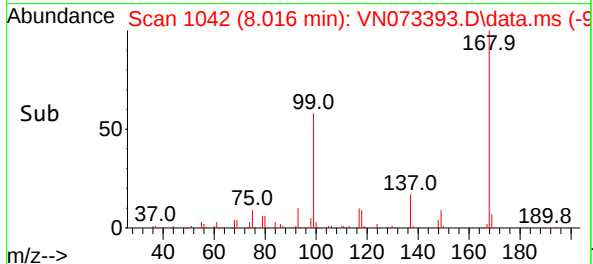
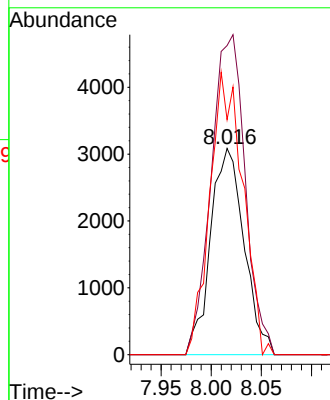
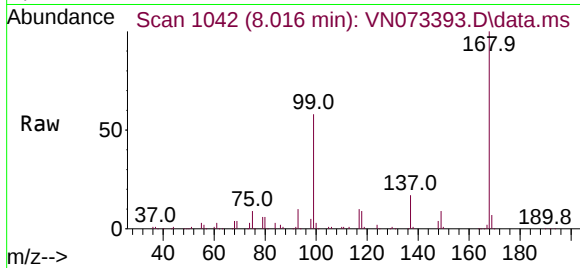




#31
Cyclohexane
Concen: 1.016 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073393.D
Acq: 08 Jul 2022 15:17

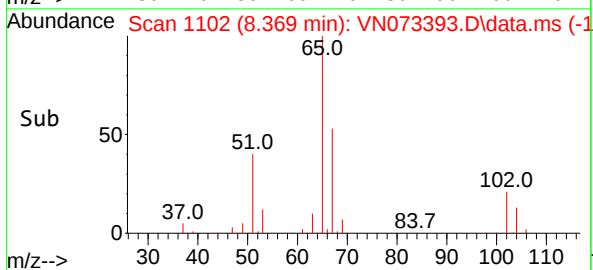
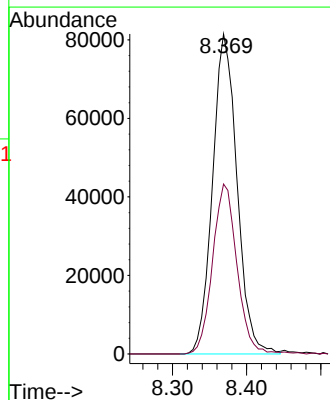
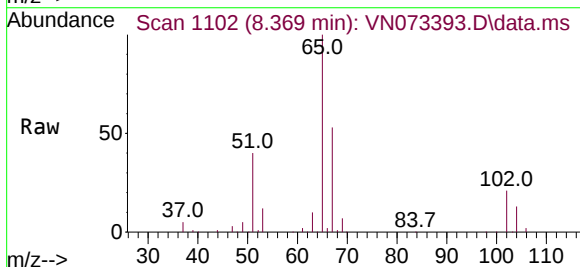
Instrument :
MSVOA_N
ClientSampleId :
EB-01-070722

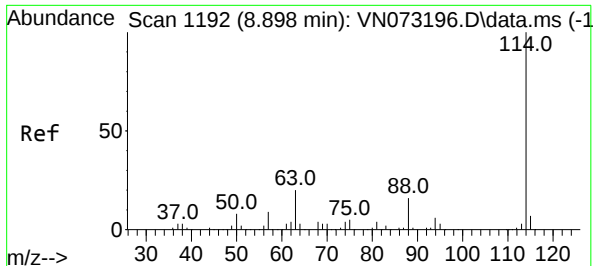
Tgt Ion: 56 Resp: 7202
Ion Ratio Lower Upper
56 100
69 150.0 27.8 41.8#
84 114.0 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 43.211 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073393.D
Acq: 08 Jul 2022 15:17

Tgt Ion: 65 Resp: 186991
Ion Ratio Lower Upper
65 100
67 53.1 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: VN073393.D

Acq: 08 Jul 2022 15:17

Instrument :

MSVOA_N

ClientSampleId :

EB-01-070722

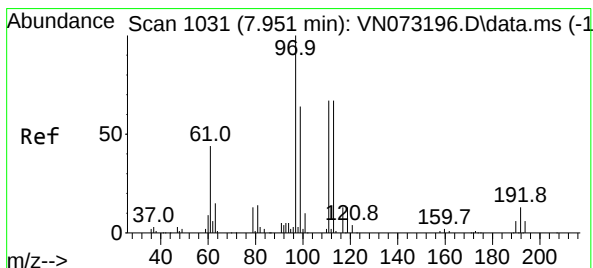
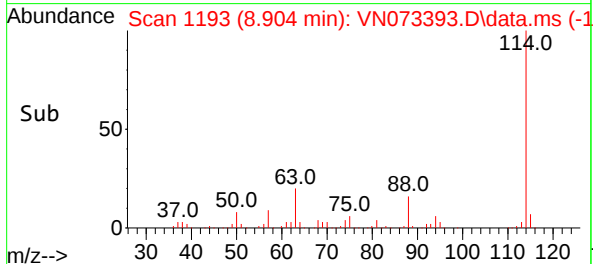
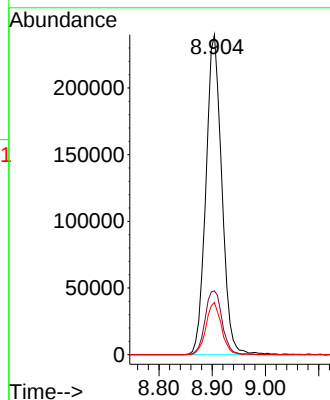
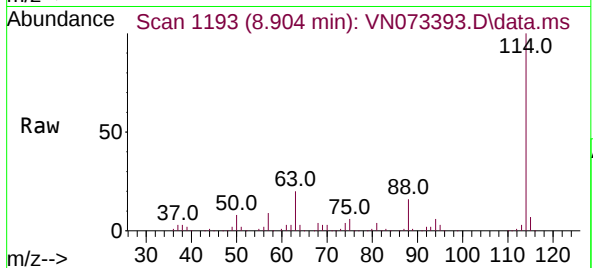
Tgt Ion:114 Resp: 496945

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

88 16.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.404 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073393.D

Acq: 08 Jul 2022 15:17

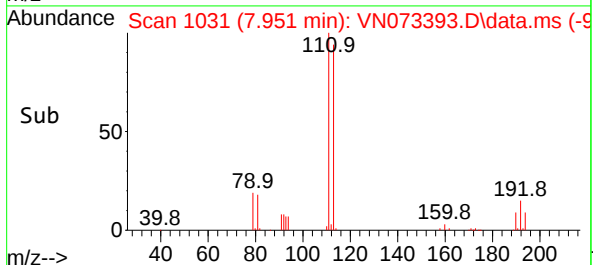
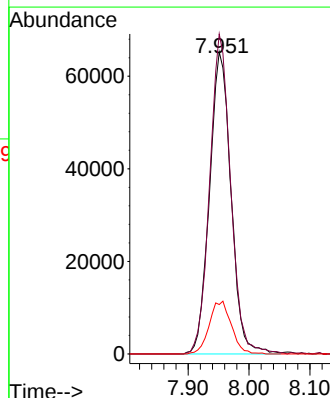
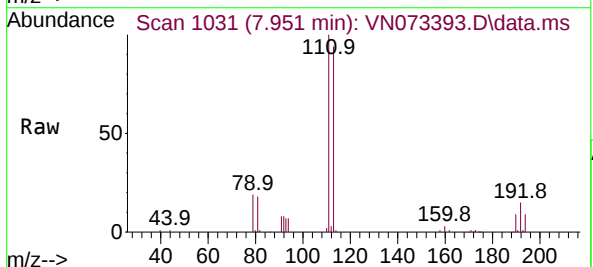
Tgt Ion:113 Resp: 160037

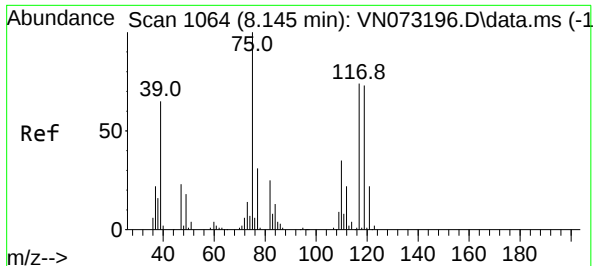
Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 18.0 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.990 ug/l

RT: 8.016 min Scan# 1

Delta R.T. -0.129 min

Lab File: VN073393.D

Acq: 08 Jul 2022 15:17

Instrument :

MSVOA_N

ClientSampleId :

EB-01-070722

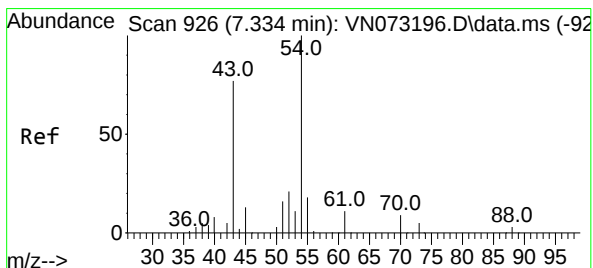
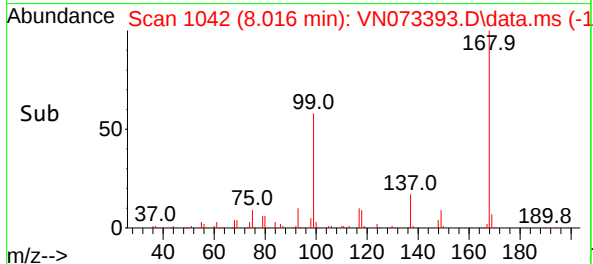
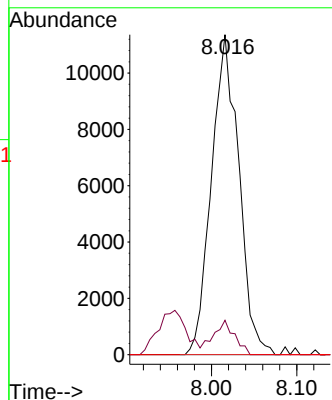
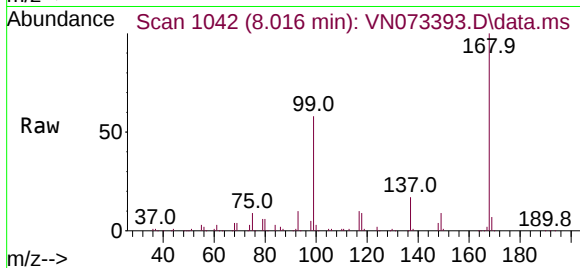
Tgt Ion: 75 Resp: 25385

Ion Ratio Lower Upper

75 100

110 8.4 18.3 54.8#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 1.323 ug/l

RT: 7.275 min Scan# 916

Delta R.T. -0.059 min

Lab File: VN073393.D

Acq: 08 Jul 2022 15:17

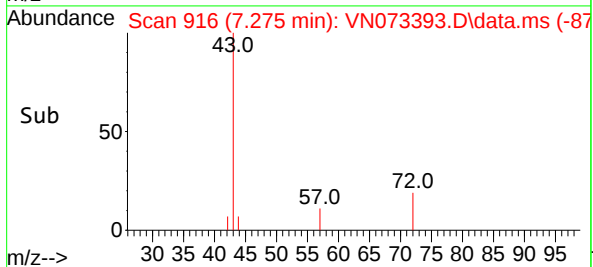
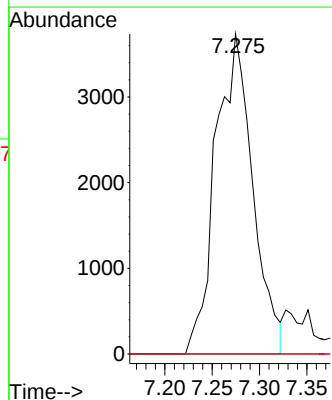
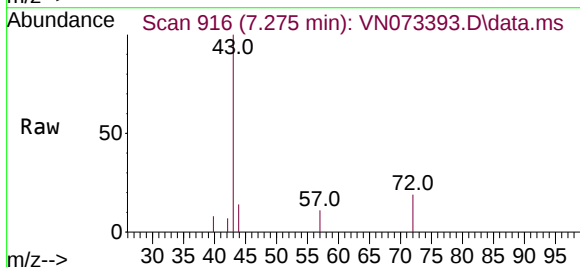
Tgt Ion: 43 Resp: 10171

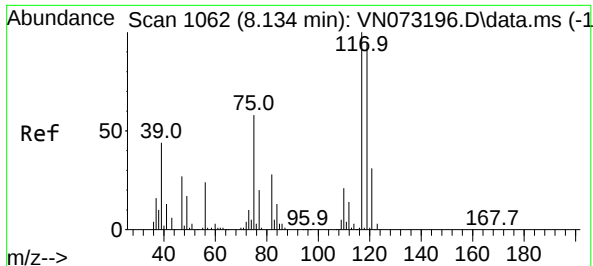
Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

70 0.0 9.3 13.9#

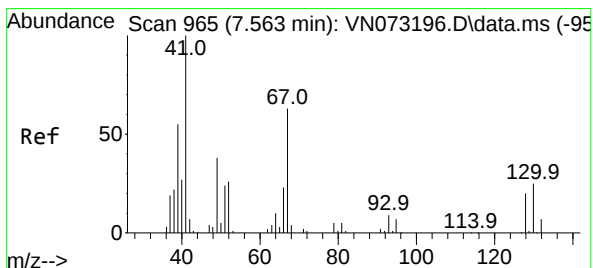
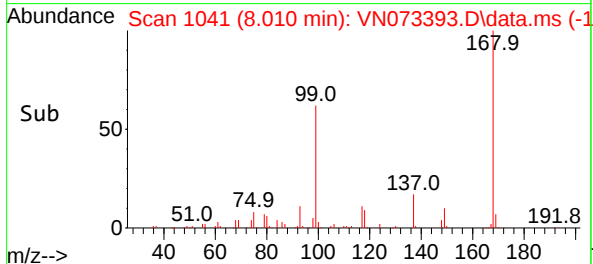
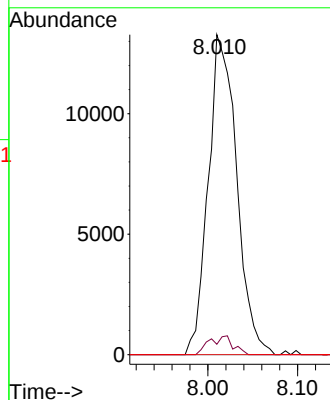
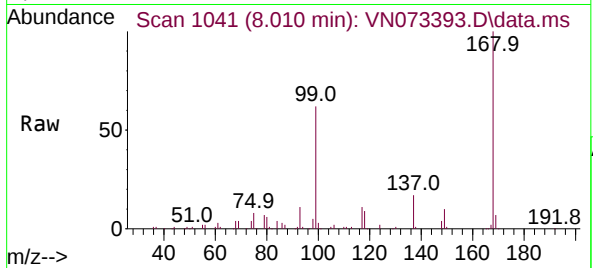




#38
Carbon Tetrachloride
Concen: 5.556 ug/l
RT: 8.010 min Scan# 1062
Delta R.T. -0.124 min
Lab File: VN073393.D
Acq: 08 Jul 2022 15:17

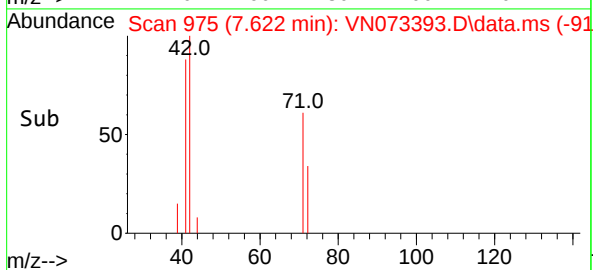
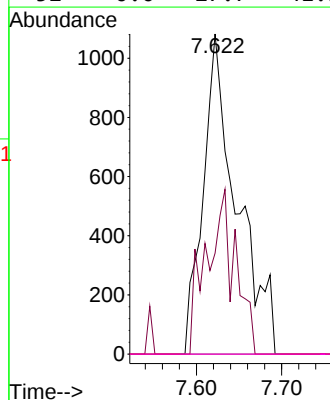
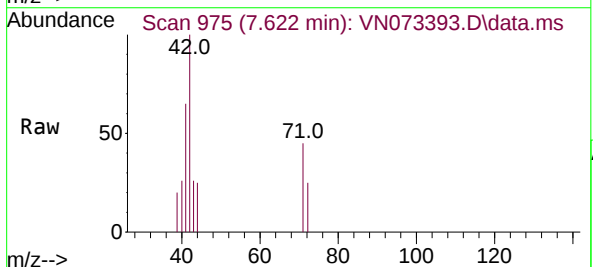
Instrument :
MSVOA_N
ClientSampleId :
EB-01-070722

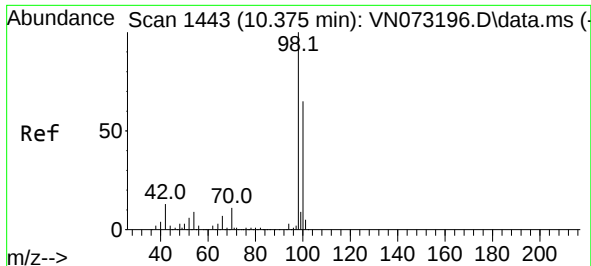
Tgt Ion:117 Resp: 29230
Ion Ratio Lower Upper
117 100
119 3.2 75.8 113.8#
121 0.0 24.6 37.0#



#41
Methacrylonitrile
Concen: 0.797 ug/l
RT: 7.622 min Scan# 975
Delta R.T. 0.059 min
Lab File: VN073393.D
Acq: 08 Jul 2022 15:17

Tgt Ion: 41 Resp: 2973
Ion Ratio Lower Upper
41 100
39 44.5 48.6 73.0#
67 0.0 73.4 110.2#
52 0.0 27.7 41.5#

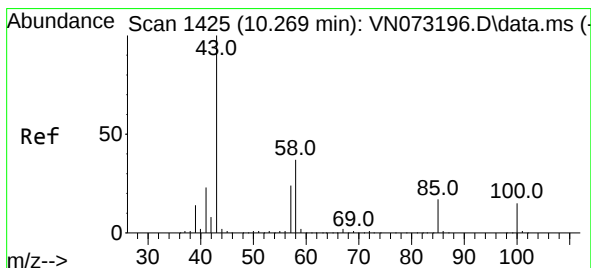
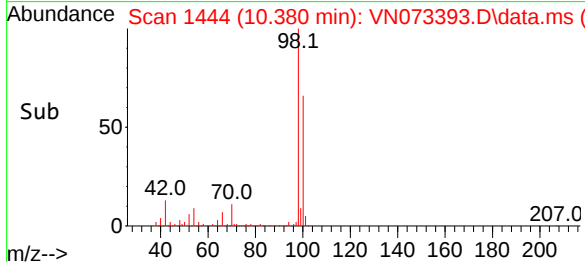
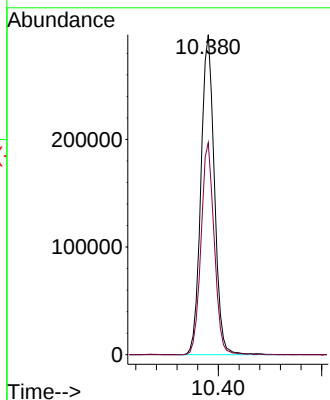
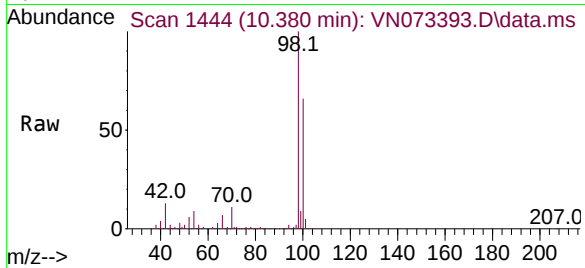




#50
Toluene-d8
Concen: 45.672 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073393.D
Acq: 08 Jul 2022 15:17

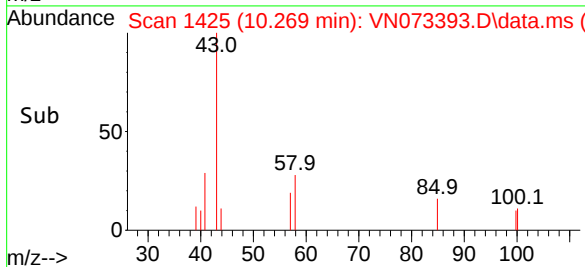
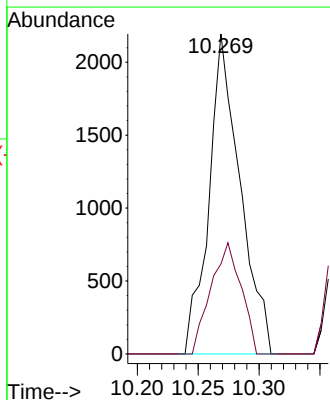
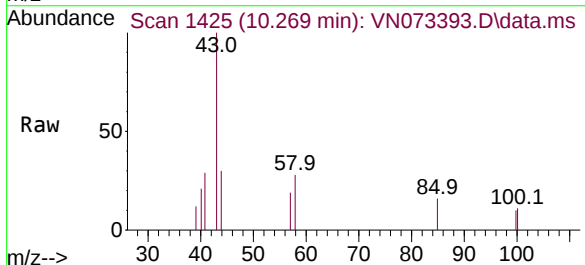
Instrument :
MSVOA_N
ClientSampleId :
EB-01-070722

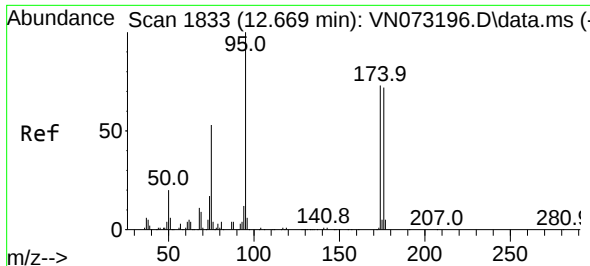
Tgt Ion: 98 Resp: 536311
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.558 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN073393.D
Acq: 08 Jul 2022 15:17

Tgt Ion: 43 Resp: 3909
Ion Ratio Lower Upper
43 100
58 33.6 34.1 51.1#

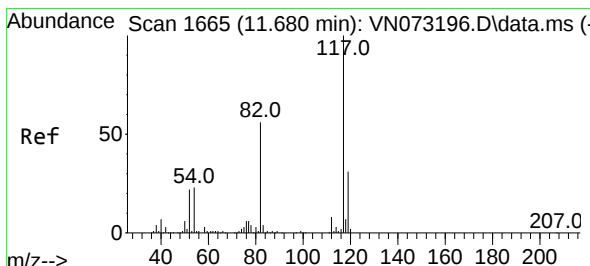
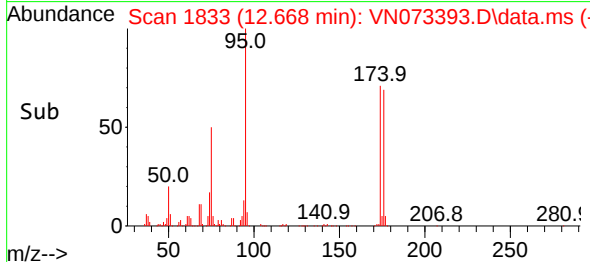
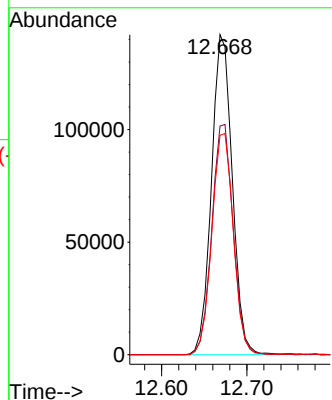
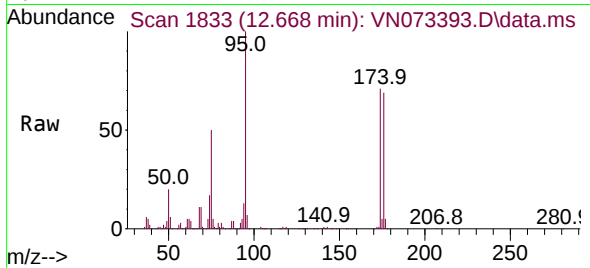




#62
4-Bromofluorobenzene
Concen: 53.366 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073393.D
Acq: 08 Jul 2022 15:17

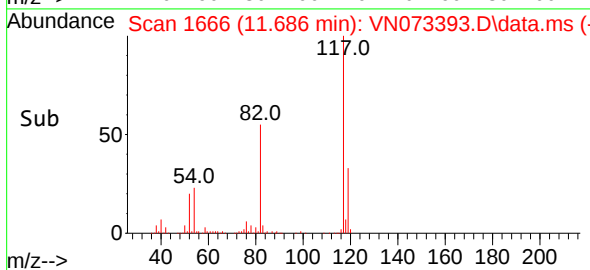
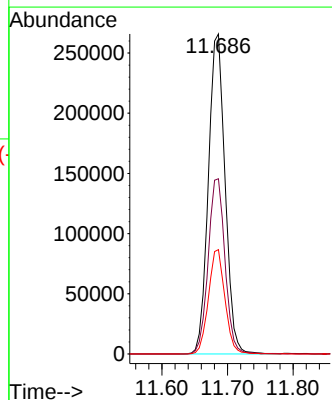
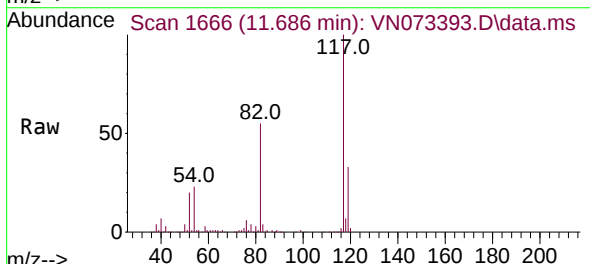
Instrument :
MSVOA_N
ClientSampleId :
EB-01-070722

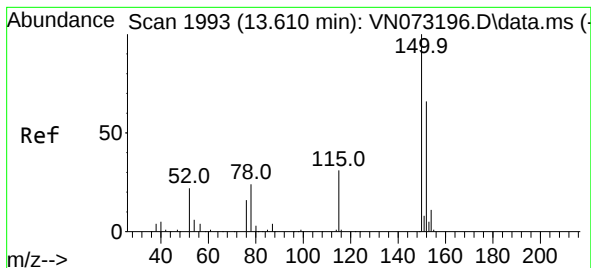
Tgt Ion: 95 Resp: 240821
Ion Ratio Lower Upper
95 100
174 73.9 0.0 167.6
176 71.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073393.D
Acq: 08 Jul 2022 15:17

Tgt Ion: 117 Resp: 471531
Ion Ratio Lower Upper
117 100
82 54.7 44.2 66.2
119 32.6 25.4 38.0

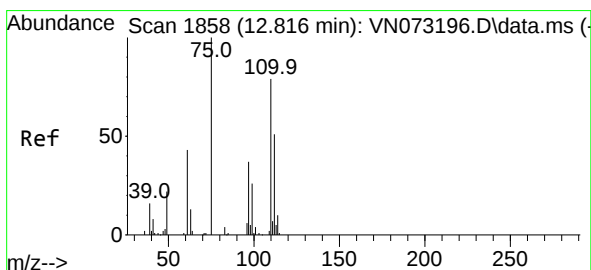
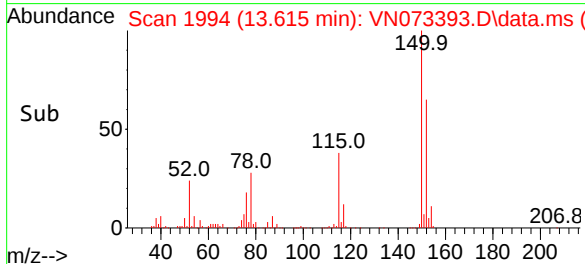
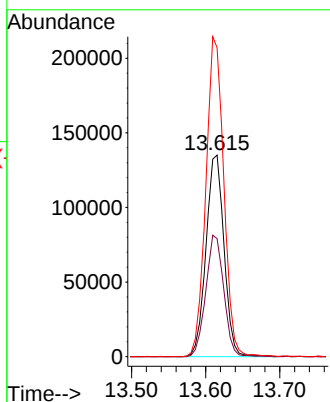
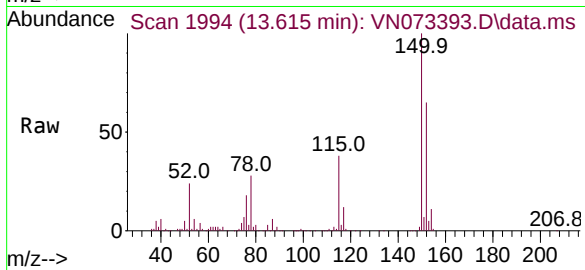




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1993
 Delta R.T. 0.005 min
 Lab File: VN073393.D
 Acq: 08 Jul 2022 15:17

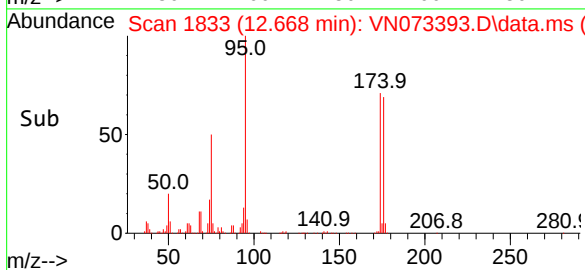
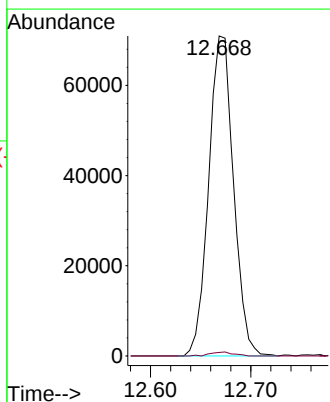
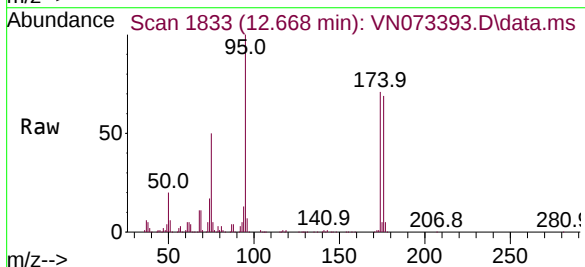
Instrument :
 MSVOA_N
 ClientSampleId :
 EB-01-070722

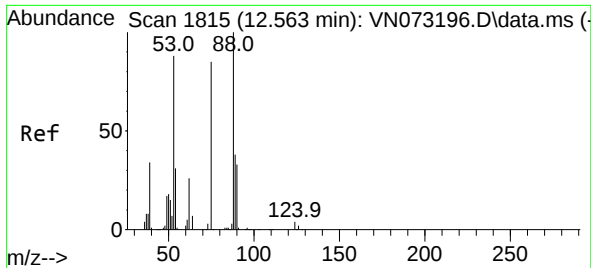
Tgt Ion:152 Resp: 228415
 Ion Ratio Lower Upper
 152 100
 115 60.0 28.9 86.7
 150 157.5 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 20.459 ug/l
 RT: 12.668 min Scan# 1833
 Delta R.T. -0.148 min
 Lab File: VN073393.D
 Acq: 08 Jul 2022 15:17

Tgt Ion: 75 Resp: 122193
 Ion Ratio Lower Upper
 75 100
 77 1.1 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.108 ug/l
 RT: 12.668 min Scan# 11
 Delta R.T. 0.105 min
 Lab File: VN073393.D
 Acq: 08 Jul 2022 15:17

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-01-070722

Tgt Ion: 75 Resp: 122193
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.1 37.2 55.8#

