

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071422\
 Data File : VN073465.D
 Acq On : 14 Jul 2022 17:03
 Operator : JC\MD
 Sample : N3715-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-071322

Quant Time: Jul 15 02:02:34 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)

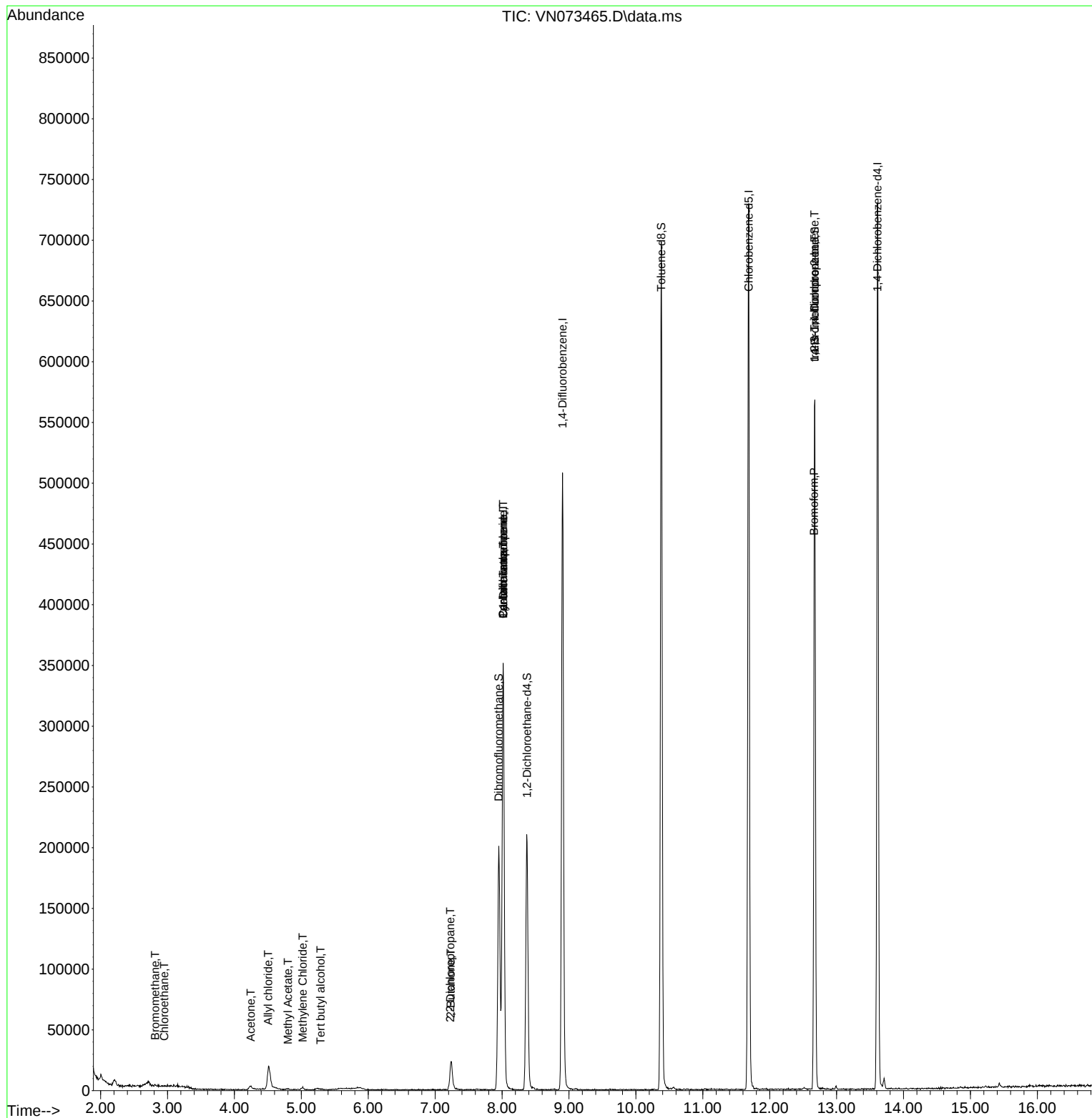
Internal Standards						
1) Pentafluorobenzene	8.016	168	257658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	443538	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	410395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	188727	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	176171	47.363	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.720%
35) Dibromofluoromethane	7.951	113	146330	49.588	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.180%
50) Toluene-d8	10.380	98	467842	44.639	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.280%
62) 4-Bromofluorobenzene	12.674	95	199577	49.551	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.100%
Target Compounds						
					Qvalue	
5) Bromomethane	2.816	94	339	0.231	ug/l	97
6) Chloroethane	2.951	64	478	0.261	ug/l #	42
11) Tert butyl alcohol	5.287	59	243	0.270	ug/l #	72
14) Allyl chloride	4.504	41	3504	0.548	ug/l #	77
16) Acetone	4.245	43	6240	2.989	ug/l	99
18) Methyl Acetate	4.798	43	1195	0.204	ug/l #	59
20) Methylene Chloride	5.022	84	1093	0.298	ug/l	86
25) 2-Butanone	7.233	43	1044	0.314	ug/l #	45
26) 2,2-Dichloropropane	7.228	77	1294	0.227	ug/l #	53
31) Cyclohexane	8.016	56	6060	0.995	ug/l #	15
36) 1,1-Dichloropropene	8.016	75	22327	4.917	ug/l #	48
38) Carbon Tetrachloride	8.016	117	27022	5.755	ug/l #	17
71) Bromoform	12.663	173	612	0.245	ug/l #	1
76) 1,2,3-Trichloropropane	12.668	75	104636	21.204	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	104636	58.150	ug/l #	11

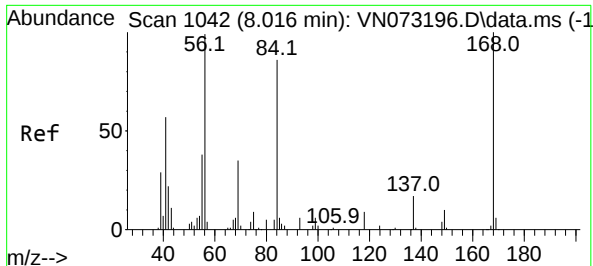
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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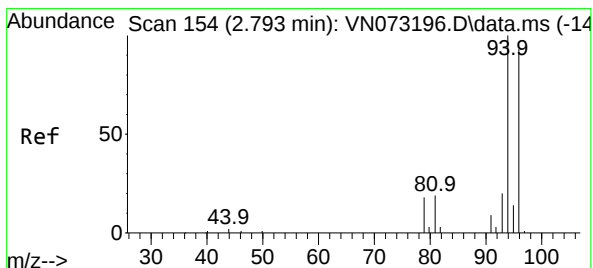
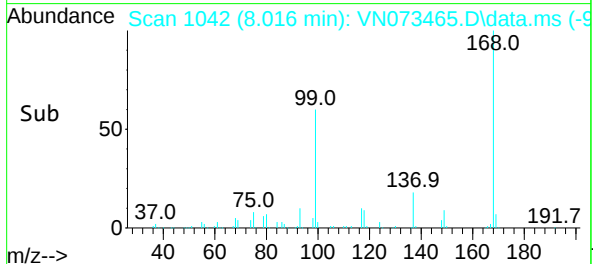
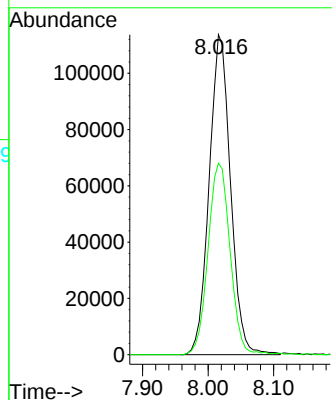
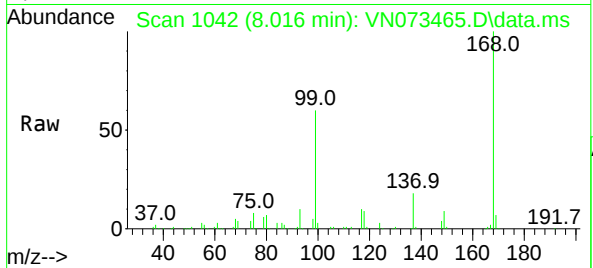




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073465.D
Acq: 14 Jul 2022 17:03

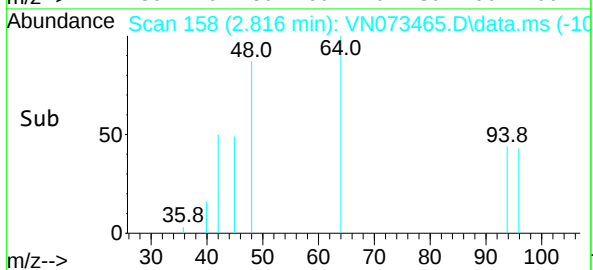
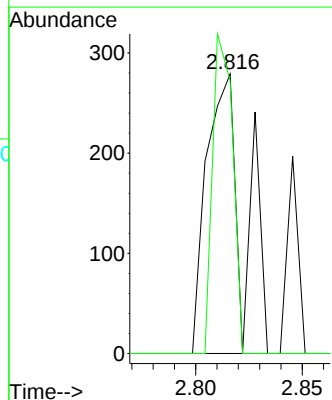
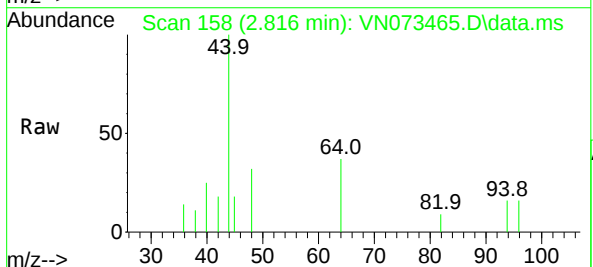
Instrument :
MSVOA_N
ClientSampleId :
TB-01-071322

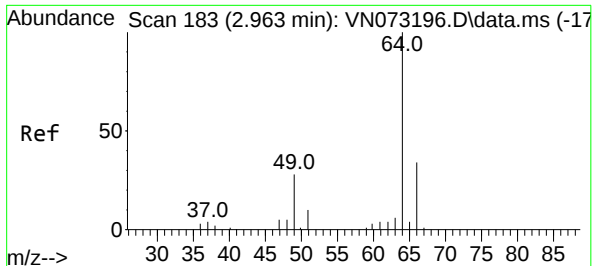
Tgt Ion:168 Resp: 257658
Ion Ratio Lower Upper
168 100
99 59.9 42.3 63.5



#5
Bromomethane
Concen: 0.231 ug/l
RT: 2.816 min Scan# 158
Delta R.T. 0.023 min
Lab File: VN073465.D
Acq: 14 Jul 2022 17:03

Tgt Ion: 94 Resp: 339
Ion Ratio Lower Upper
94 100
96 97.5 76.0 114.0

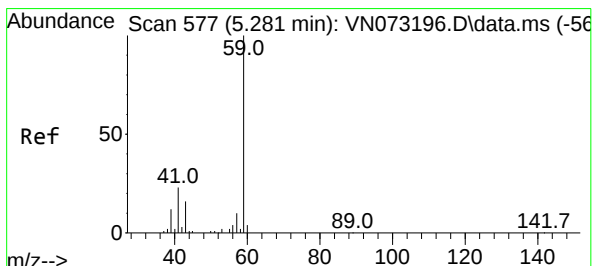
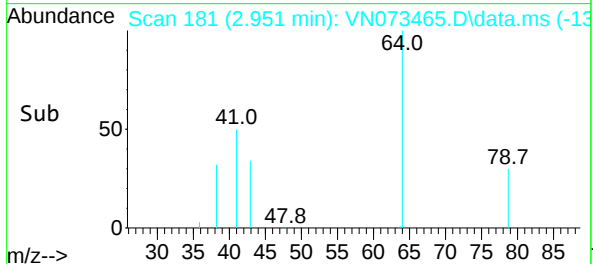
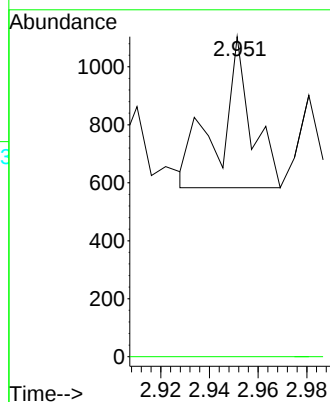
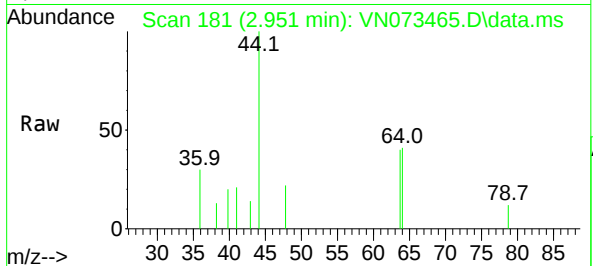




#6
Chloroethane
Concen: 0.261 ug/l
RT: 2.951 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN073465.D
Acq: 14 Jul 2022 17:03

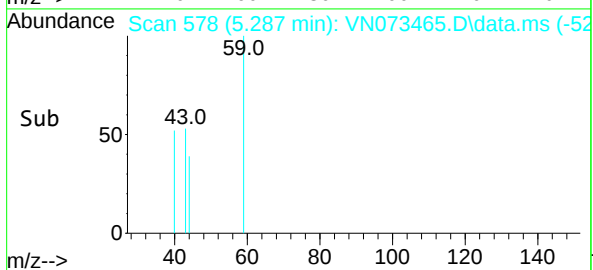
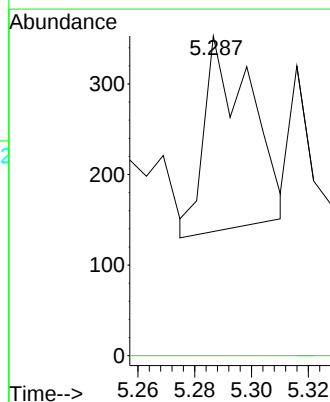
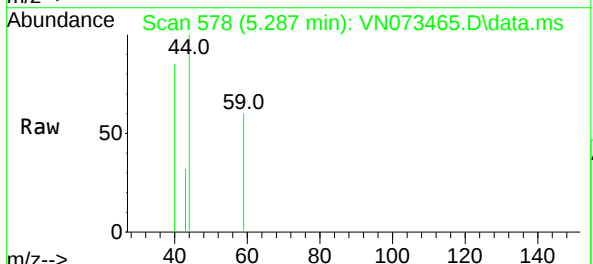
Instrument :
MSVOA_N
ClientSampleId :
TB-01-071322

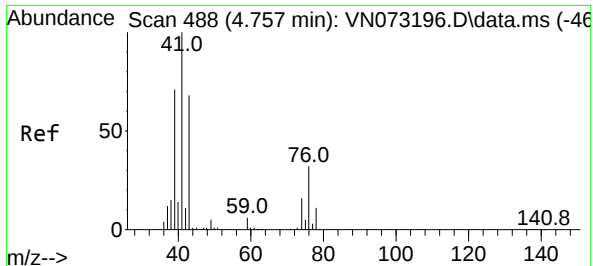
Tgt Ion: 64 Resp: 478
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 0.270 ug/l
RT: 5.287 min Scan# 578
Delta R.T. 0.006 min
Lab File: VN073465.D
Acq: 14 Jul 2022 17:03

Tgt Ion: 59 Resp: 243
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

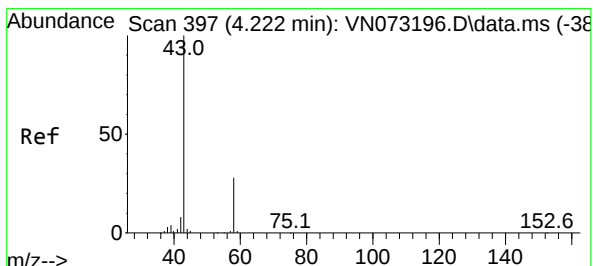
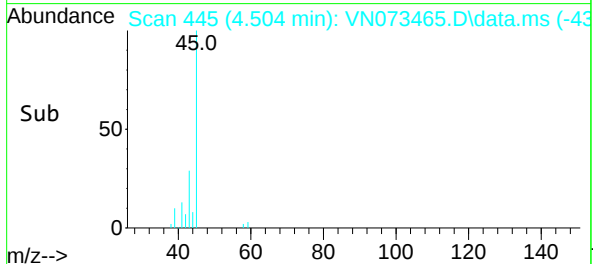
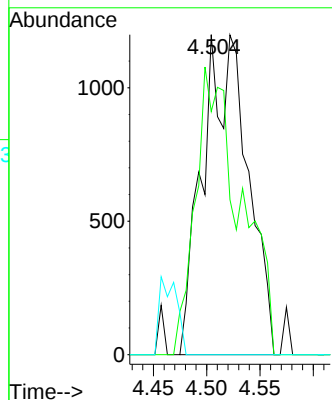
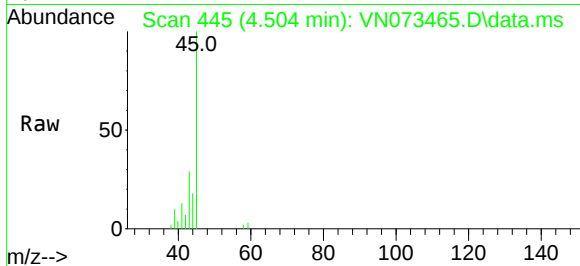




#14
 Allyl chloride
 Concen: 0.548 ug/l
 RT: 4.504 min Scan# 41
 Delta R.T. -0.253 min
 Lab File: VN073465.D
 Acq: 14 Jul 2022 17:03

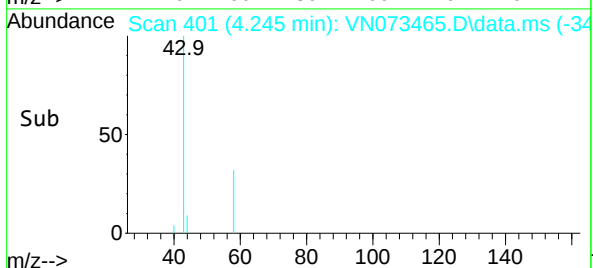
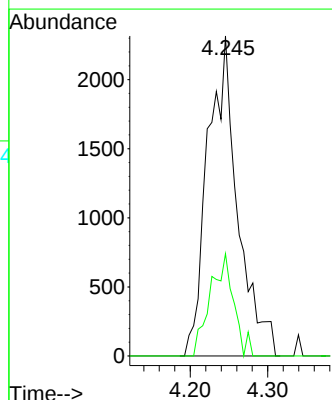
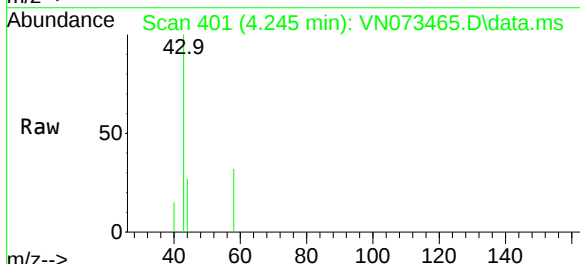
Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-071322

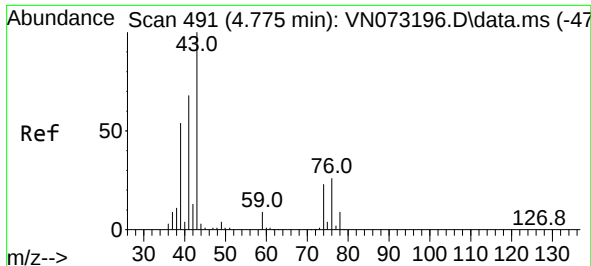
Tgt Ion: 41 Resp: 3504
 Ion Ratio Lower Upper
 41 100
 39 66.4 53.2 79.8
 76 0.0 29.9 44.9#



#16
 Acetone
 Concen: 2.989 ug/l
 RT: 4.245 min Scan# 401
 Delta R.T. 0.023 min
 Lab File: VN073465.D
 Acq: 14 Jul 2022 17:03

Tgt Ion: 43 Resp: 6240
 Ion Ratio Lower Upper
 43 100
 58 32.0 26.0 39.0

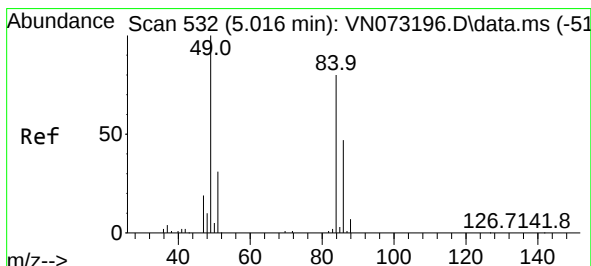
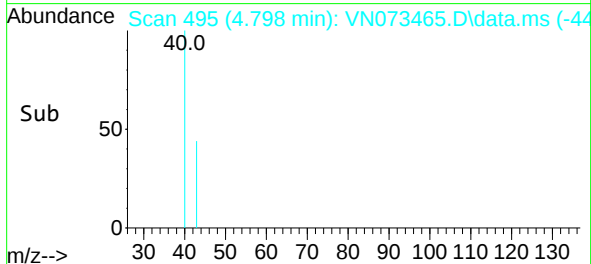
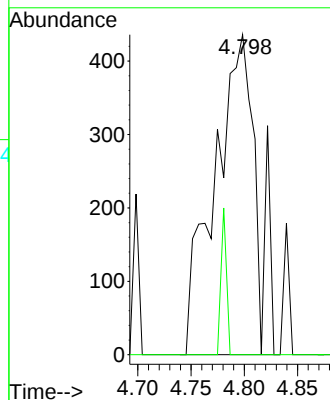
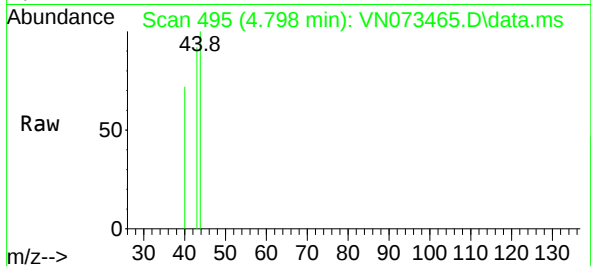




#18
Methyl Acetate
Concen: 0.204 ug/l
RT: 4.798 min Scan# 491
Delta R.T. 0.023 min
Lab File: VN073465.D
Acq: 14 Jul 2022 17:03

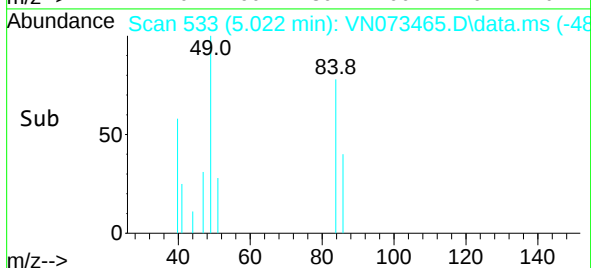
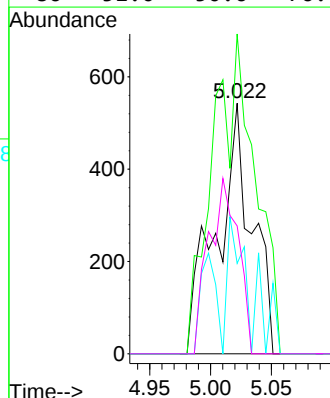
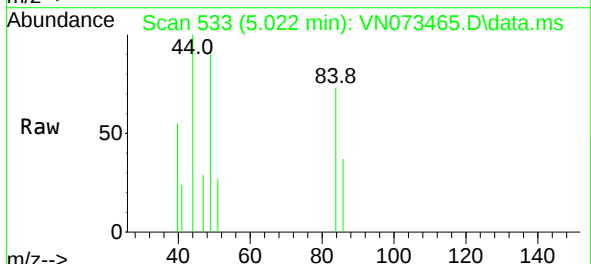
Instrument :
MSVOA_N
ClientSampleId :
TB-01-071322

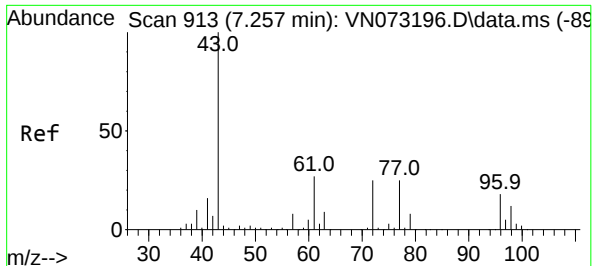
Tgt Ion: 43 Resp: 1195
Ion Ratio Lower Upper
43 100
74 5.9 21.6 32.4#



#20
Methylene Chloride
Concen: 0.298 ug/l
RT: 5.022 min Scan# 533
Delta R.T. 0.006 min
Lab File: VN073465.D
Acq: 14 Jul 2022 17:03

Tgt Ion: 84 Resp: 1093
Ion Ratio Lower Upper
84 100
49 127.6 88.3 132.5
51 36.1 28.2 42.2
86 51.0 50.6 76.0





#25

2-Butanone

Concen: 0.314 ug/l

RT: 7.233 min Scan# 908

Delta R.T. -0.024 min

Lab File: VN073465.D

Acq: 14 Jul 2022 17:03

Instrument :

MSVOA_N

ClientSampleId :

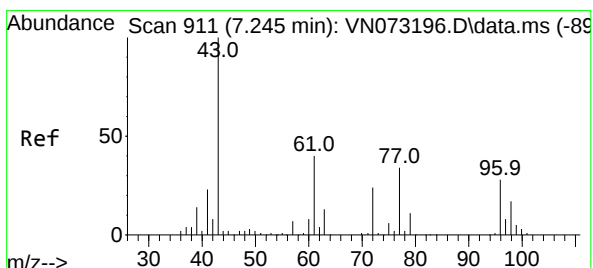
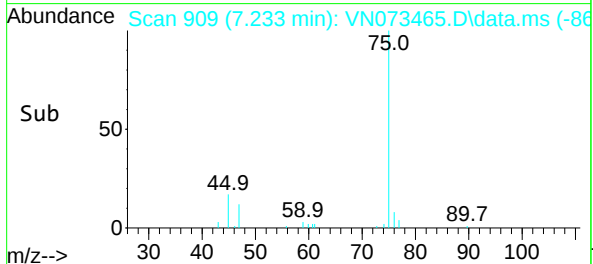
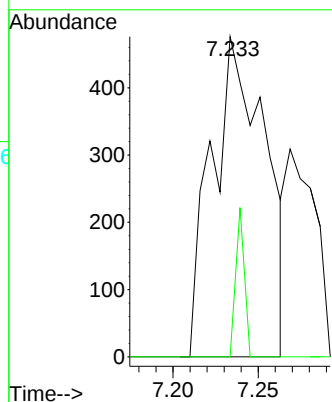
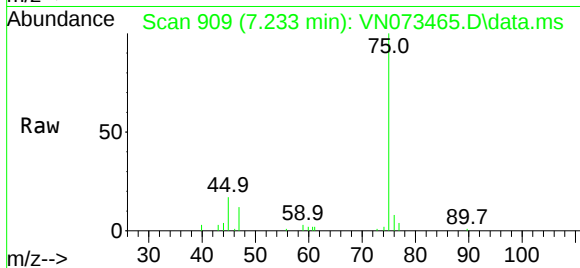
TB-01-071322

Tgt Ion: 43 Resp: 1044

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#26

2,2-Dichloropropane

Concen: 0.227 ug/l

RT: 7.228 min Scan# 908

Delta R.T. -0.017 min

Lab File: VN073465.D

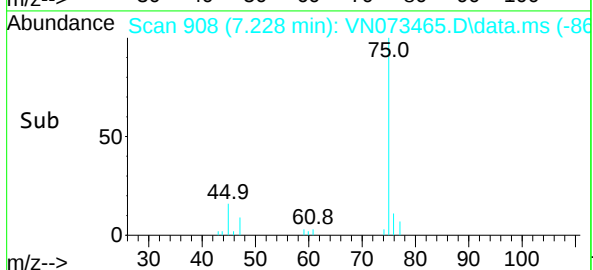
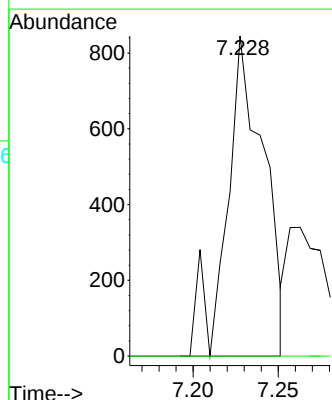
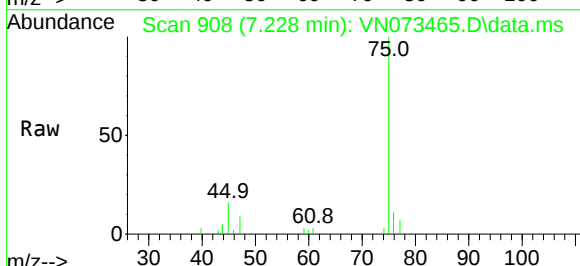
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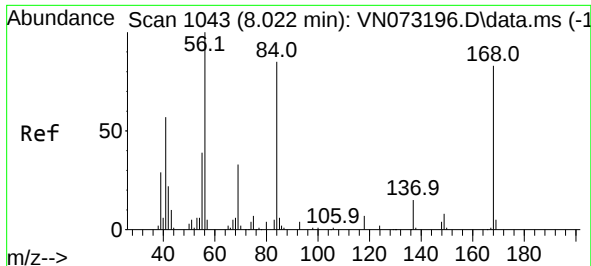
Tgt Ion: 77 Resp: 1294

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#





#31

Cyclohexane

Concen: 0.995 ug/l

RT: 8.016 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VN073465.D

Acq: 14 Jul 2022 17:03

Instrument :

MSVOA_N

ClientSampleId :

TB-01-071322

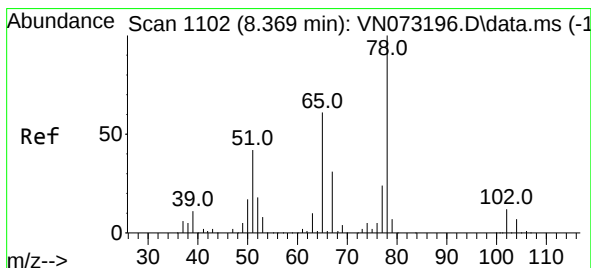
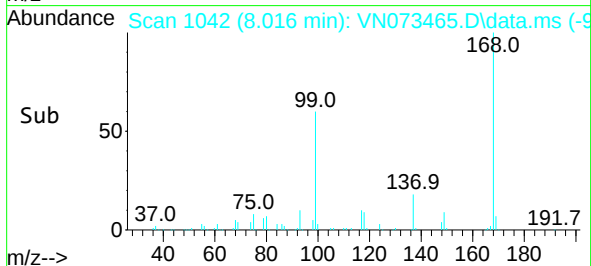
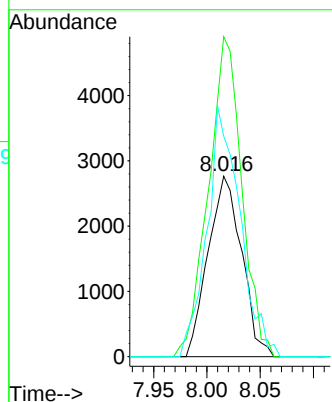
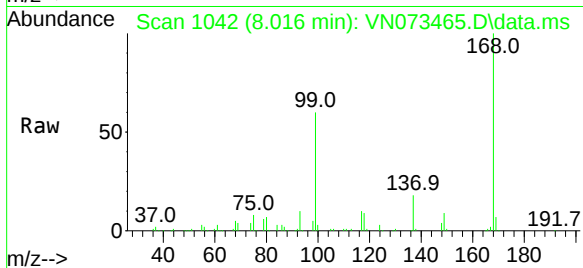
Tgt Ion: 56 Resp: 6060

Ion Ratio Lower Upper

56 100

69 177.3 27.8 41.8#

84 122.1 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 47.363 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN073465.D

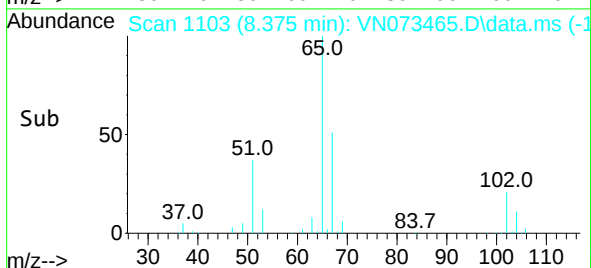
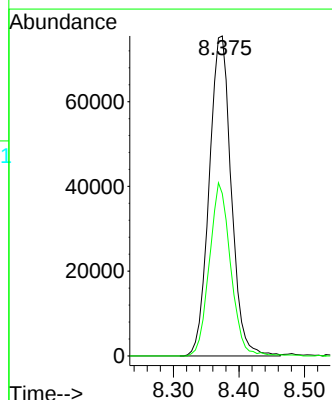
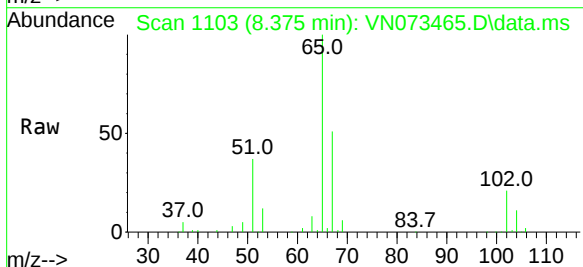
Acq: 14 Jul 2022 17:03

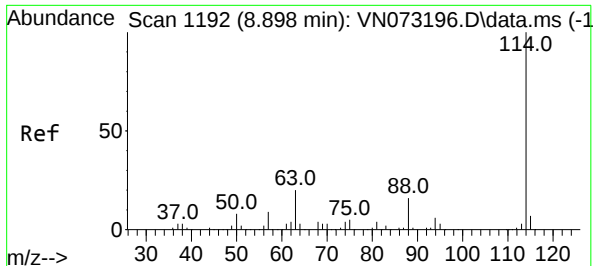
Tgt Ion: 65 Resp: 176171

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: VN073465.D

Acq: 14 Jul 2022 17:03

Instrument :

MSVOA_N

ClientSampleId :

TB-01-071322

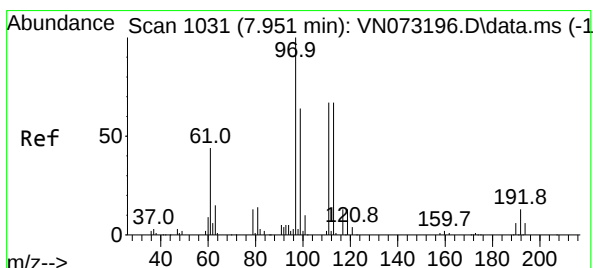
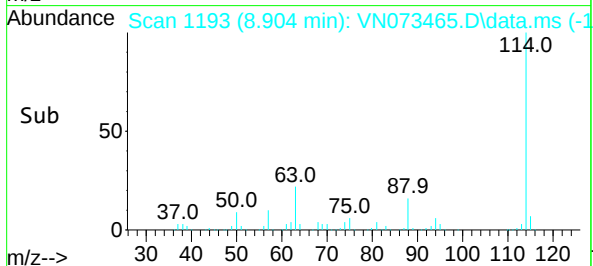
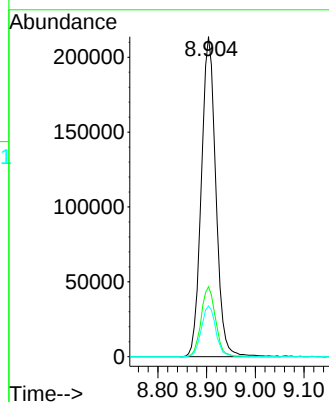
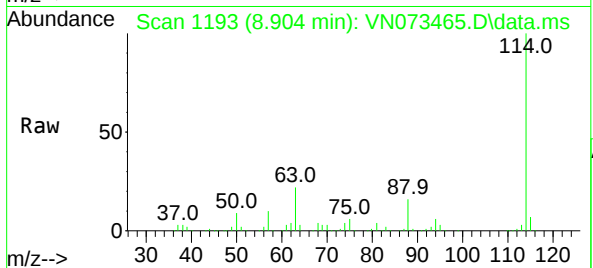
Tgt Ion:114 Resp: 443538

Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.0

88 15.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.588 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073465.D

Acq: 14 Jul 2022 17:03

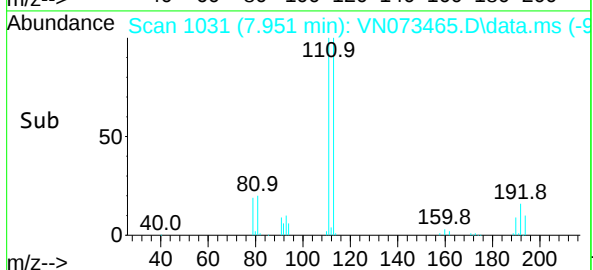
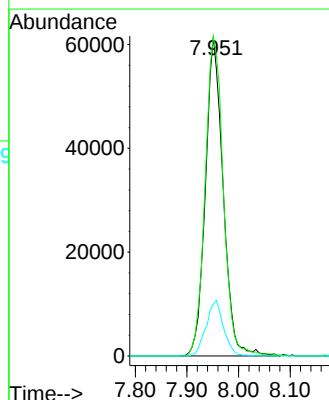
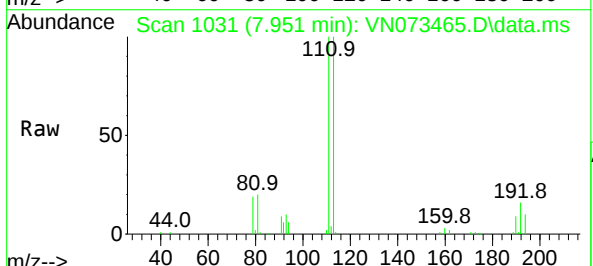
Tgt Ion:113 Resp: 146330

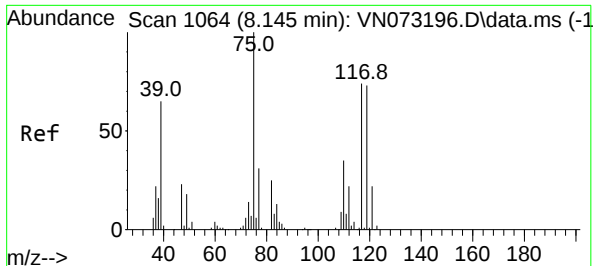
Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

192 17.2 17.0 25.6

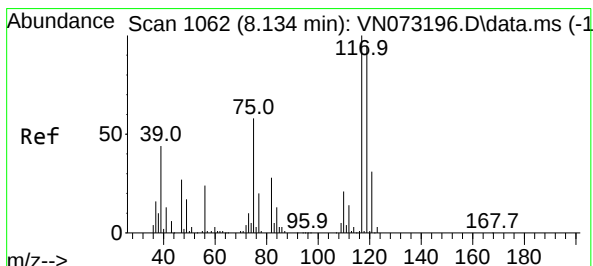
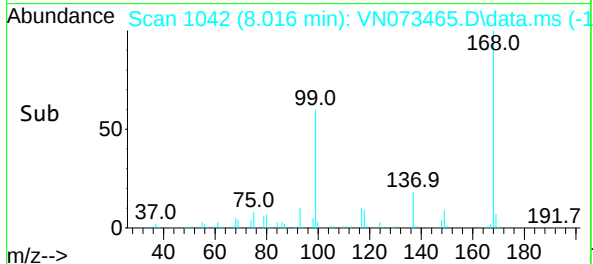
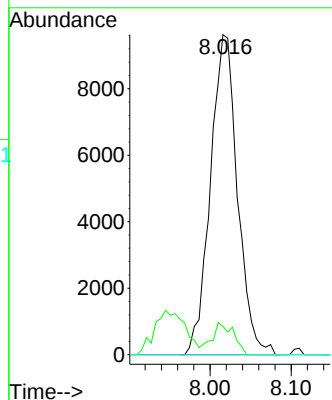
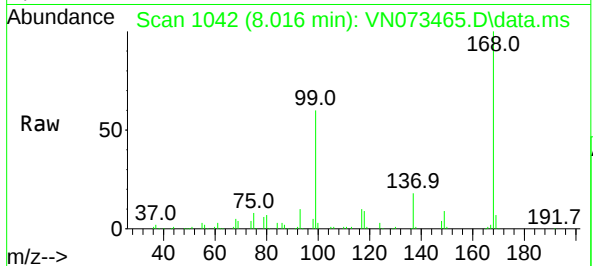




#36
1,1-Dichloropropene
Concen: 4.917 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.129 min
Lab File: VN073465.D
Acq: 14 Jul 2022 17:03

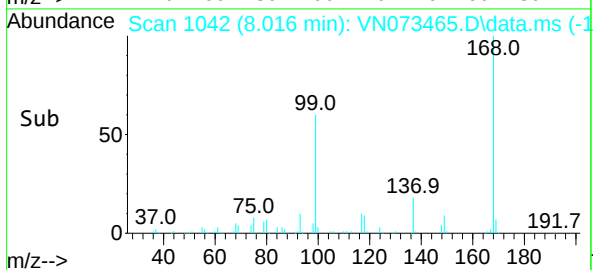
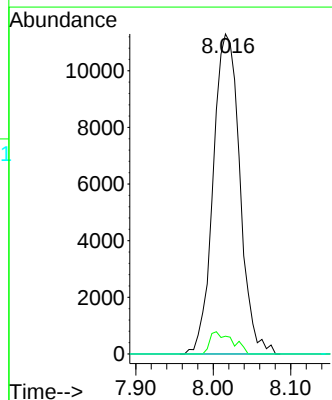
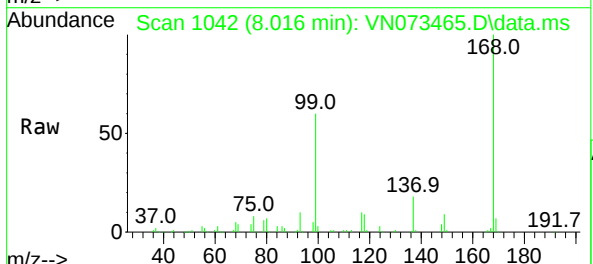
Instrument :
MSVOA_N
ClientSampleId :
TB-01-071322

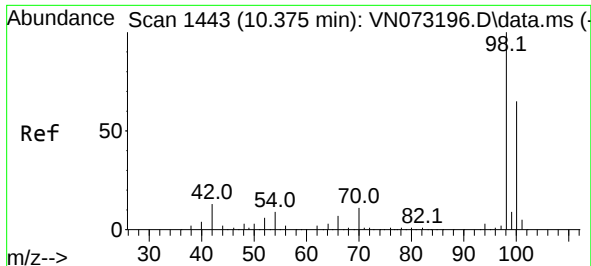
Tgt Ion: 75 Resp: 22327
Ion Ratio Lower Upper
75 100
110 8.1 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.755 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN073465.D
Acq: 14 Jul 2022 17:03

Tgt Ion: 117 Resp: 27022
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.8#
121 0.0 24.6 37.0#

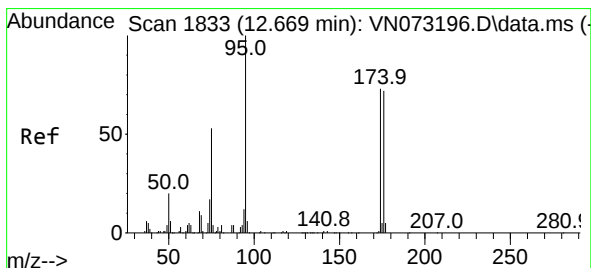
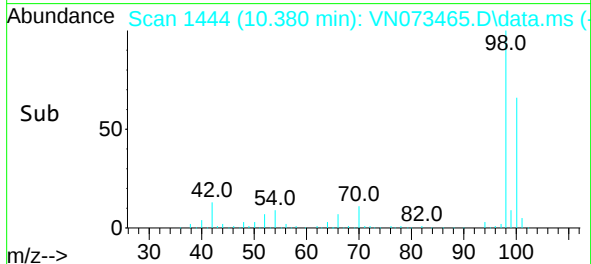
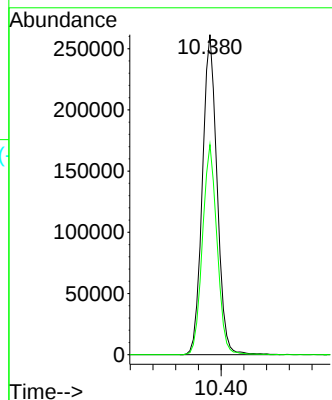
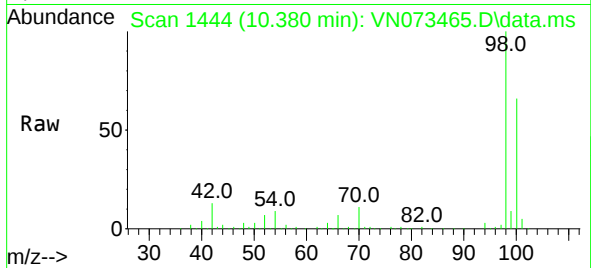




#50
Toluene-d8
Concen: 44.639 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073465.D
Acq: 14 Jul 2022 17:03

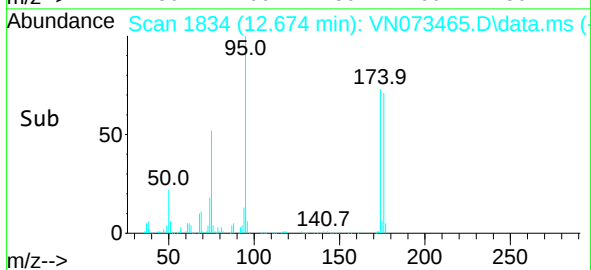
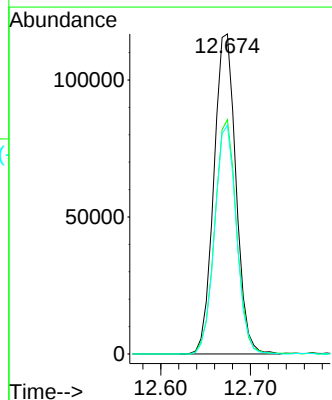
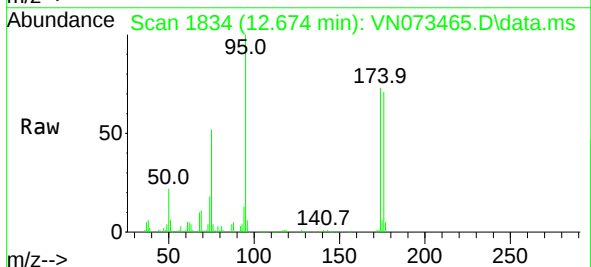
Instrument :
MSVOA_N
ClientSampleId :
TB-01-071322

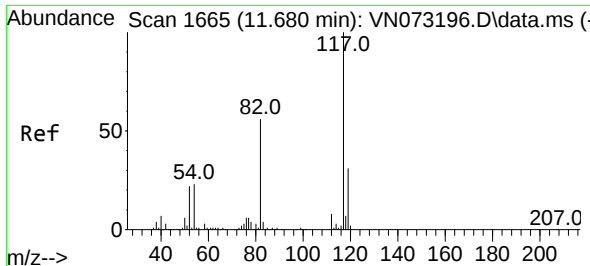
Tgt Ion: 98 Resp: 467842
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.551 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073465.D
Acq: 14 Jul 2022 17:03

Tgt Ion: 95 Resp: 199577
Ion Ratio Lower Upper
95 100
174 72.3 0.0 167.6
176 70.4 0.0 163.4

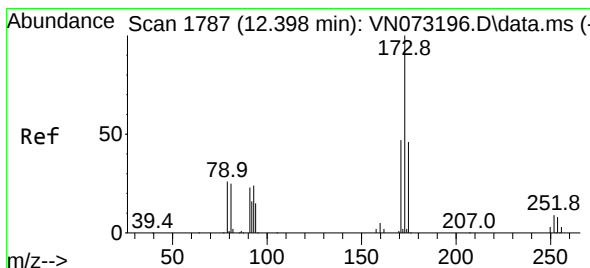
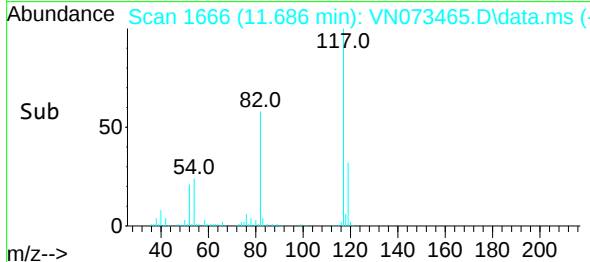
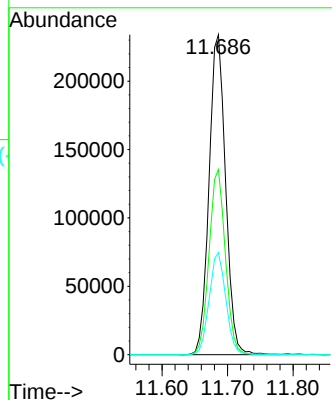
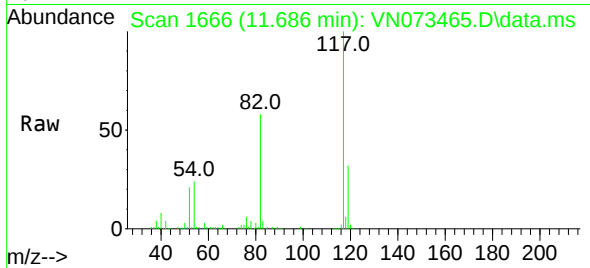




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073465.D
Acq: 14 Jul 2022 17:03

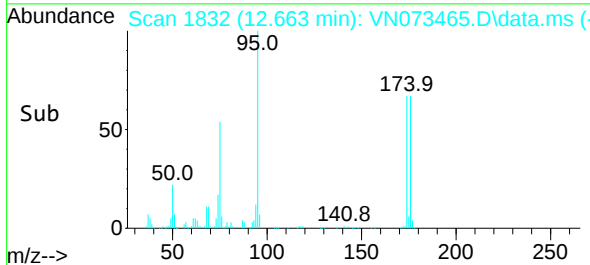
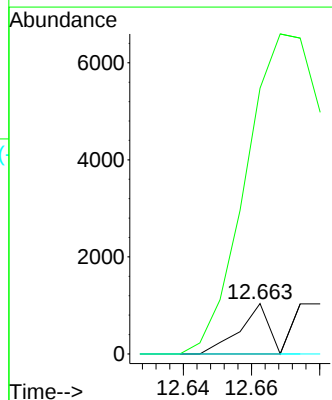
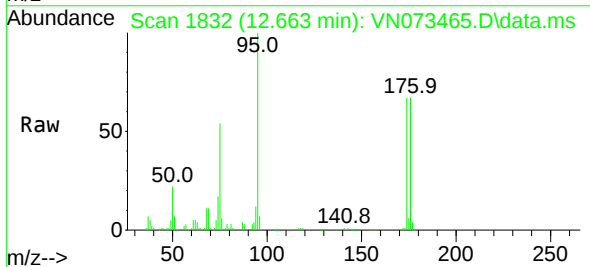
Instrument :
MSVOA_N
ClientSampleId :
TB-01-071322

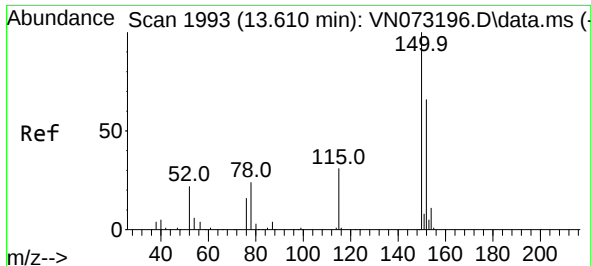
Tgt Ion:117 Resp: 410395
Ion Ratio Lower Upper
117 100
82 57.9 44.2 66.2
119 31.9 25.4 38.0



#71
Bromoform
Concen: 0.245 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. 0.265 min
Lab File: VN073465.D
Acq: 14 Jul 2022 17:03

Tgt Ion:173 Resp: 612
Ion Ratio Lower Upper
173 100
175 1319.4 24.6 73.6#
254 0.0 0.1 0.1#

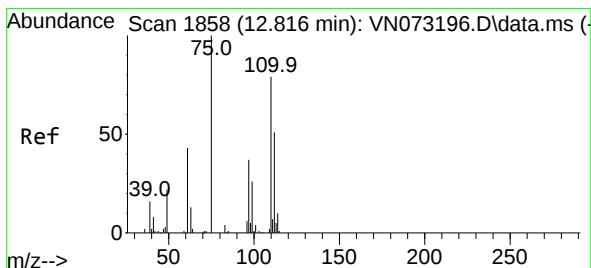
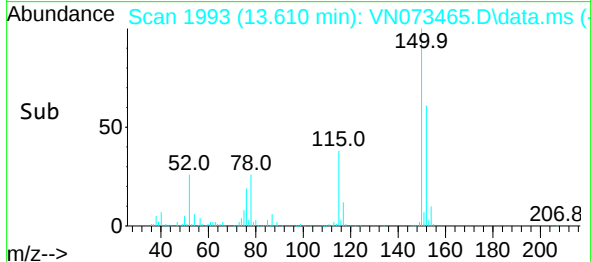
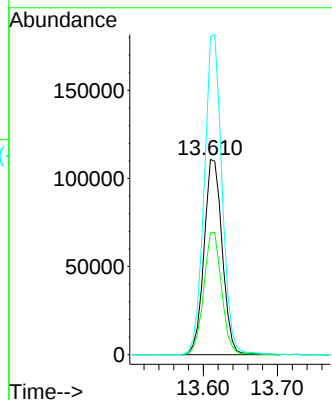
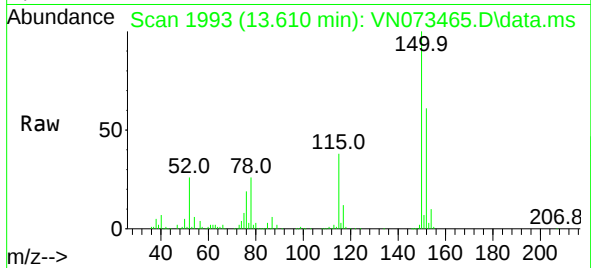




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: VN073465.D
 Acq: 14 Jul 2022 17:03

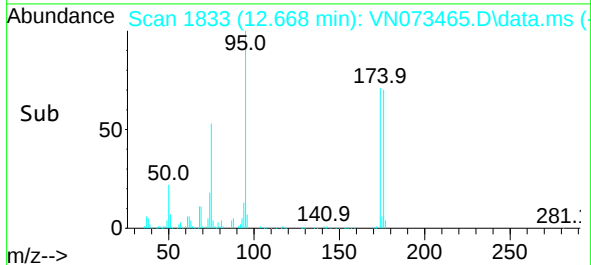
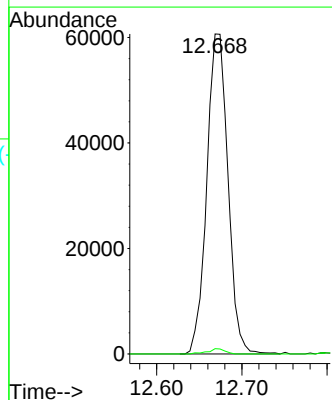
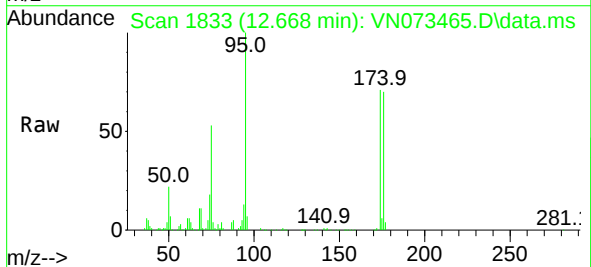
Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-071322

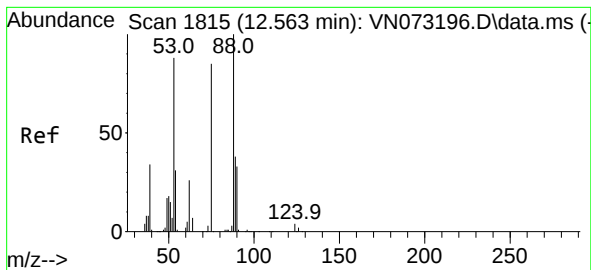
Tgt Ion:152 Resp: 188727
 Ion Ratio Lower Upper
 152 100
 115 61.7 28.9 86.7
 150 160.7 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 21.204 ug/l
 RT: 12.668 min Scan# 1833
 Delta R.T. -0.148 min
 Lab File: VN073465.D
 Acq: 14 Jul 2022 17:03

Tgt Ion: 75 Resp: 104636
 Ion Ratio Lower Upper
 75 100
 77 1.3 98.5 295.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.150 ug/l
 RT: 12.668 min Scan# 11
 Delta R.T. 0.105 min
 Lab File: VN073465.D
 Acq: 14 Jul 2022 17:03

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-071322

Tgt Ion: 75 Resp: 104636
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.0 117.0#
 89 0.0 37.2 55.8#

