

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072522\
 Data File : VN073572.D
 Acq On : 25 Jul 2022 12:07
 Operator : JC\MD
 Sample : VN0725WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0725WBL01

Quant Time: Jul 26 02:15:53 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	237283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	387533	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	349913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	167955	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	148877	43.462	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.920%
35) Dibromofluoromethane	7.945	113	124397	48.247	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.500%
50) Toluene-d8	10.381	98	412389	45.034	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.060%
62) 4-Bromofluorobenzene	12.674	95	165074	46.908	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.820%

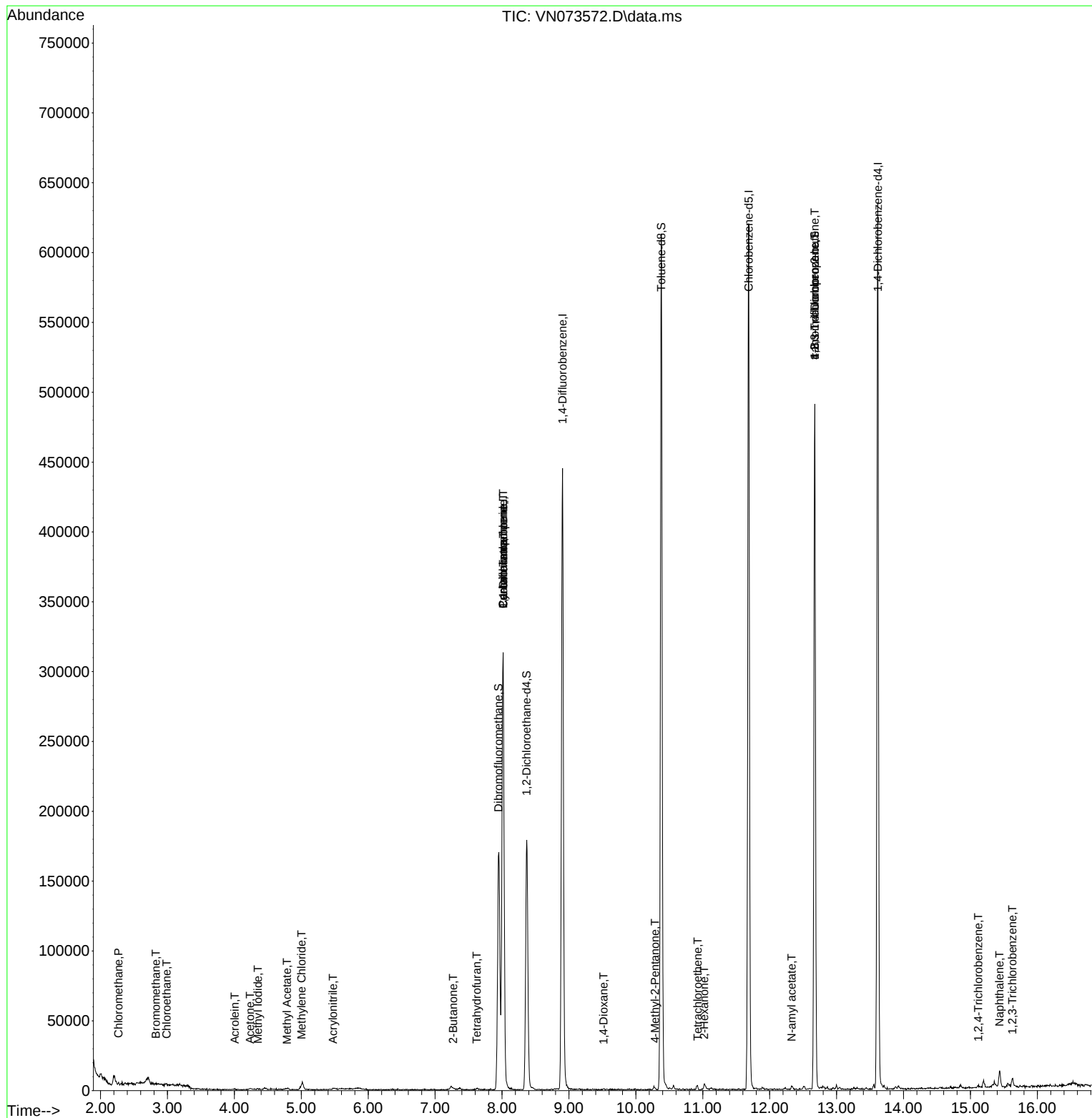
Target Compounds						Qvalue
3) Chloromethane	2.269	50	802	0.238	ug/l #	74
5) Bromomethane	2.828	94	301	0.223	ug/l #	54
6) Chloroethane	2.987	64	653	0.388	ug/l #	42
10) Methyl Iodide	4.351	142	472	3.844	ug/l #	61
13) Acrolein	4.004	56	553	1.054	ug/l #	30
15) Acrylonitrile	5.475	53	905	0.424	ug/l #	55
16) Acetone	4.234	43	1752	0.911	ug/l #	42
18) Methyl Acetate	4.787	43	1220	0.226	ug/l #	70
20) Methylene Chloride	5.004	84	1533	0.454	ug/l #	84
25) 2-Butanone	7.269	43	1048	0.342	ug/l	99
29) Tetrahydrofuran	7.622	42	766	0.365	ug/l #	46
31) Cyclohexane	8.016	56	5774	1.029	ug/l #	50
36) 1,1-Dichloropropene	8.016	75	19439	4.900	ug/l #	44
38) Carbon Tetrachloride	8.016	117	24688	6.018	ug/l #	14
49) 1,4-Dioxane	9.516	88	59	0.779	ug/l #	3
51) 4-Methyl-2-Pentanone	10.286	43	1904	0.349	ug/l #	60
59) 2-Hexanone	11.022	43	3822	0.918	ug/l	77
64) Tetrachloroethene	10.922	164	753	0.264	ug/l #	59
74) N-amyl acetate	12.327	43	1803	0.248	ug/l #	66
76) 1,2,3-Trichloropropane	12.674	75	86295	19.650	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	86295	53.888	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.116	180	776	0.242	ug/l	87
95) Naphthalene	15.433	128	11571	0.894	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	2498	0.755	ug/l	90

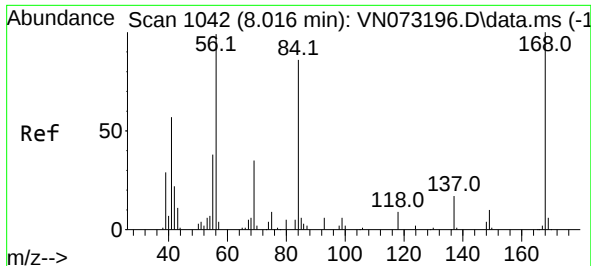
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072522\
Data File : VN073572.D
Acq On : 25 Jul 2022 12:07
Operator : JC\MD
Sample : VN0725WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0725WBL01

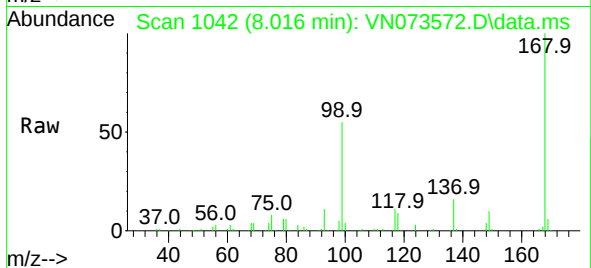
Quant Time: Jul 26 02:15:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
Response via : Initial Calibration



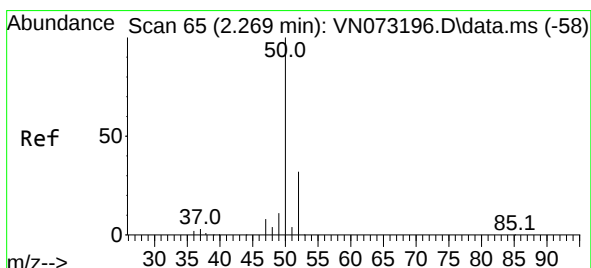
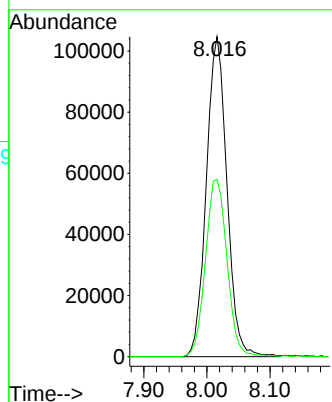
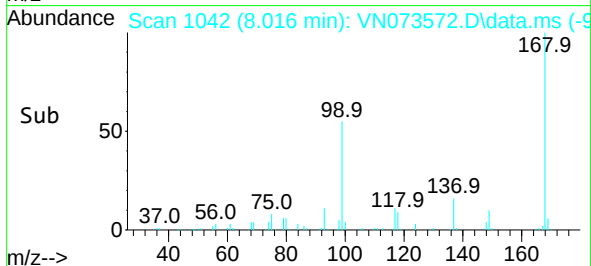


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073572.D
Acq: 25 Jul 2022 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN0725WBL01

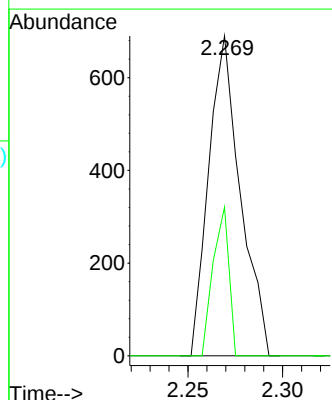
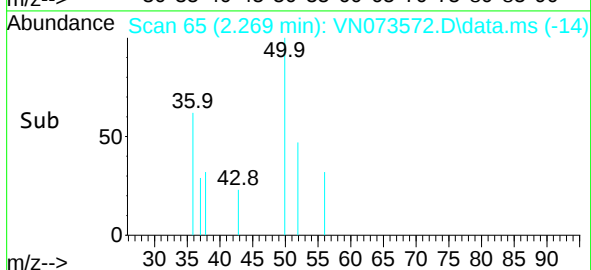
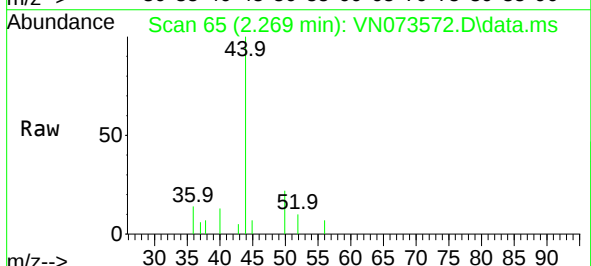


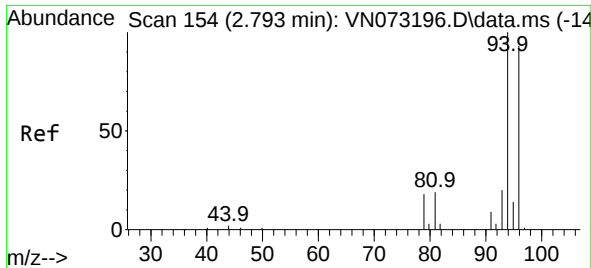
Tgt Ion:168 Resp: 237283
Ion Ratio Lower Upper
168 100
99 55.4 42.3 63.5



#3
Chloromethane
Concen: 0.238 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073572.D
Acq: 25 Jul 2022 12:07

Tgt Ion: 50 Resp: 802
Ion Ratio Lower Upper
50 100
52 46.5 25.7 38.5

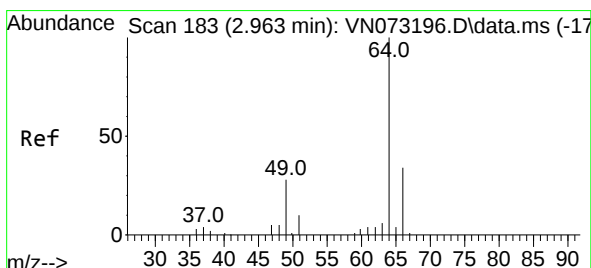
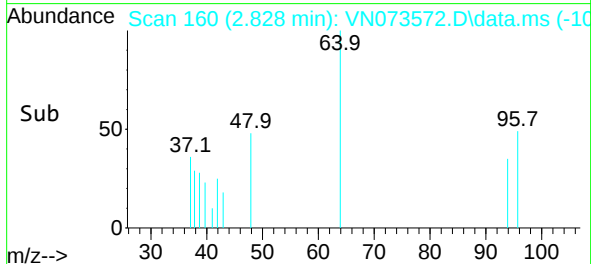
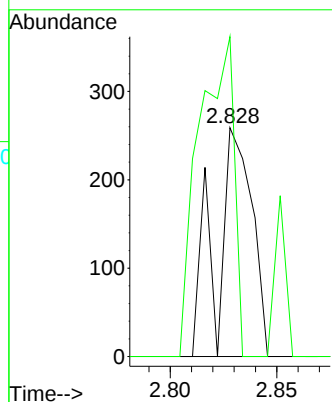
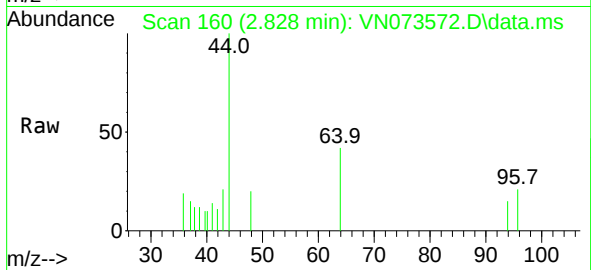




#5
Bromomethane
Concen: 0.223 ug/l
RT: 2.828 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN073572.D
Acq: 25 Jul 2022 12:07

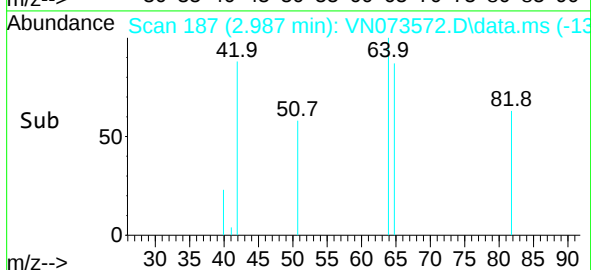
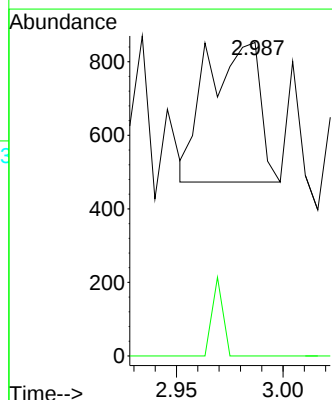
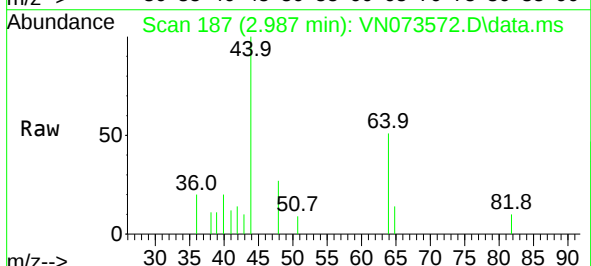
Instrument :
MSVOA_N
ClientSampleId :
VN0725WBL01

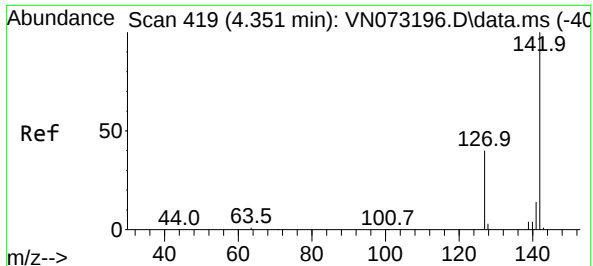
Tgt Ion: 94 Resp: 301
Ion Ratio Lower Upper
94 100
96 139.8 76.0 114.0#



#6
Chloroethane
Concen: 0.388 ug/l
RT: 2.987 min Scan# 187
Delta R.T. 0.024 min
Lab File: VN073572.D
Acq: 25 Jul 2022 12:07

Tgt Ion: 64 Resp: 653
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

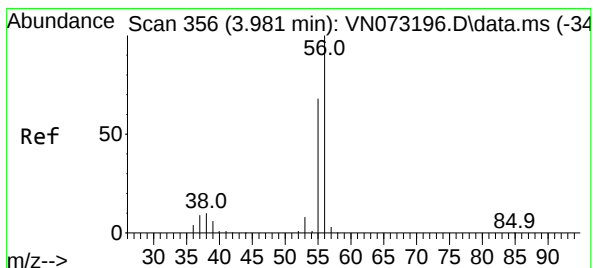
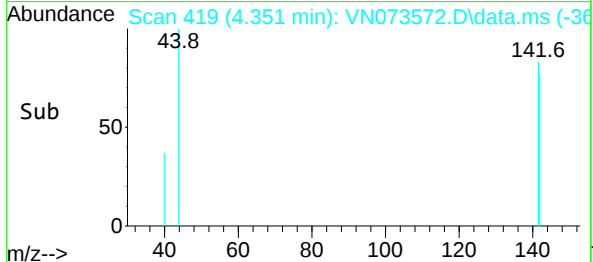
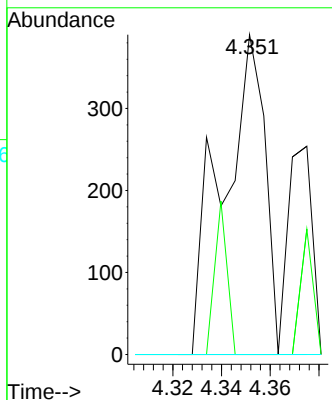
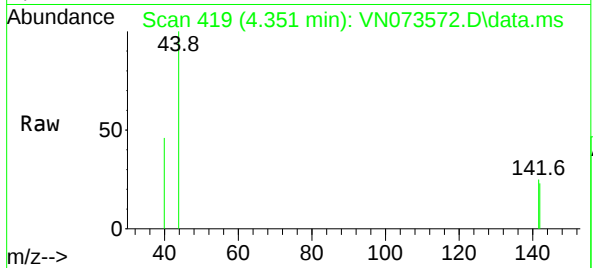




#10
Methyl Iodide
Concen: 3.844 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN073572.D
Acq: 25 Jul 2022 12:07

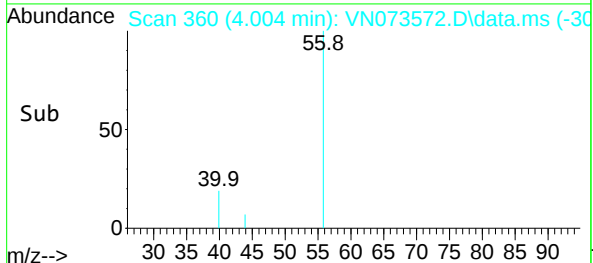
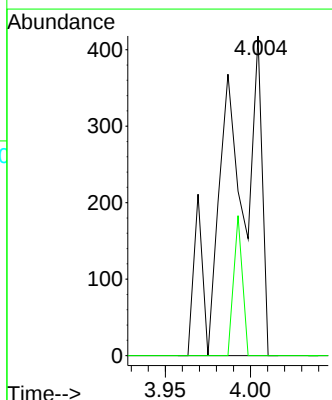
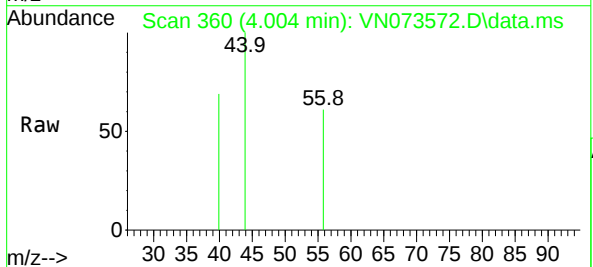
Instrument :
MSVOA_N
ClientSampleId :
VN0725WBL01

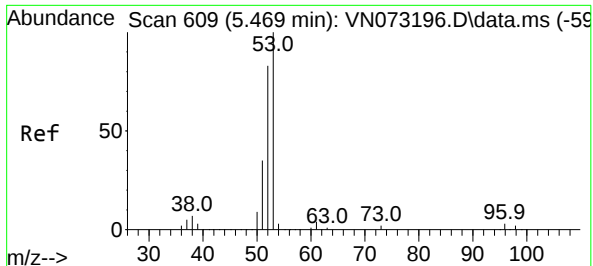
Tgt Ion:142 Resp: 472
Ion Ratio Lower Upper
142 100
127 14.0 31.3 46.9#
141 0.0 11.2 16.8#



#13
Acrolein
Concen: 1.054 ug/l
RT: 4.004 min Scan# 360
Delta R.T. 0.023 min
Lab File: VN073572.D
Acq: 25 Jul 2022 12:07

Tgt Ion: 56 Resp: 553
Ion Ratio Lower Upper
56 100
55 11.8 54.8 82.2#

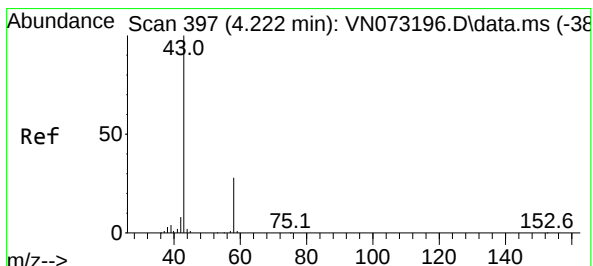
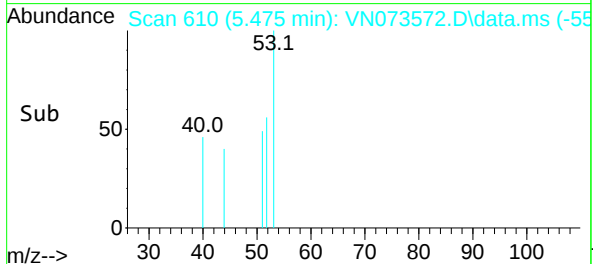
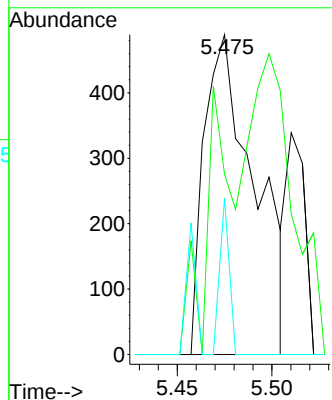
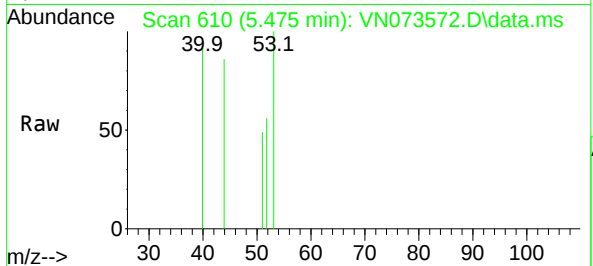




#15
Acrylonitrile
Concen: 0.424 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN073572.D
Acq: 25 Jul 2022 12:07

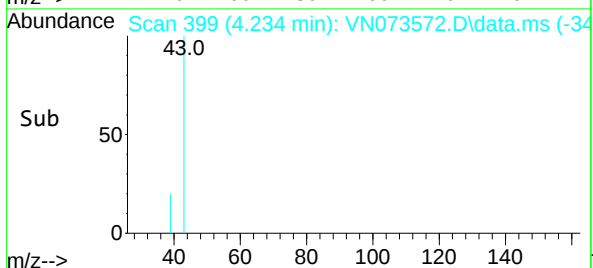
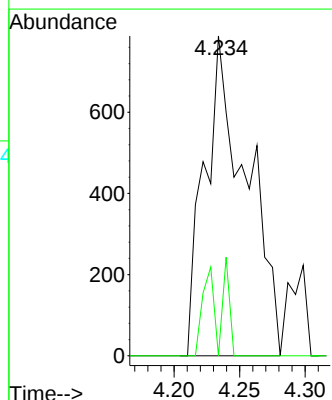
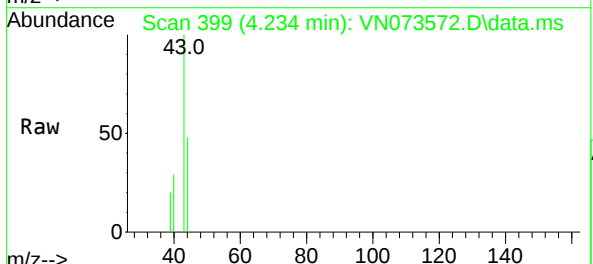
Instrument :
MSVOA_N
ClientSampleId :
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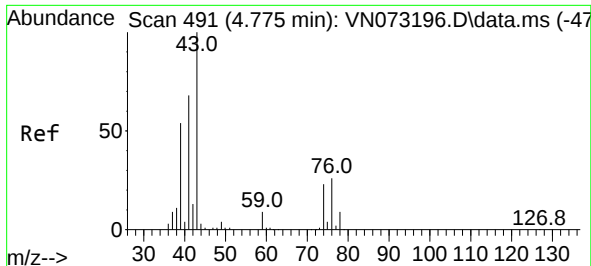
Tgt Ion: 53 Resp: 905
Ion Ratio Lower Upper
53 100
52 42.2 66.4 99.6#
51 9.3 28.5 42.7#



#16
Acetone
Concen: 0.911 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN073572.D
Acq: 25 Jul 2022 12:07

Tgt Ion: 43 Resp: 1752
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#

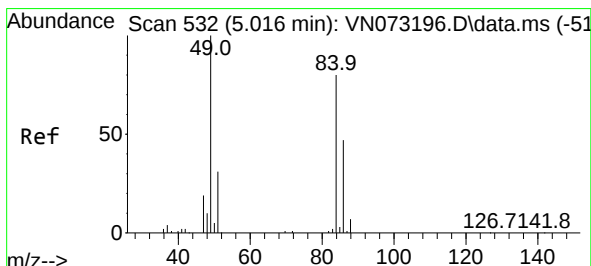
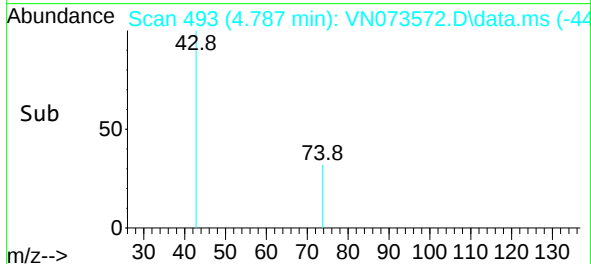
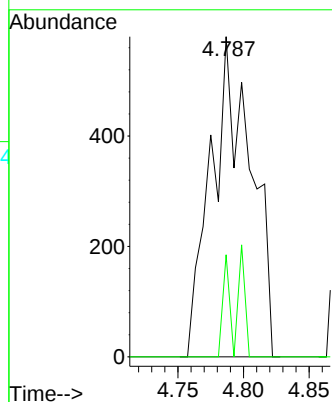
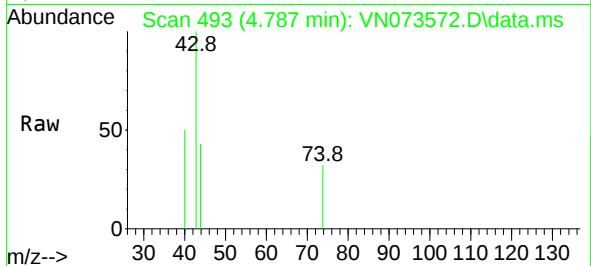




#18
Methyl Acetate
Concen: 0.226 ug/l
RT: 4.787 min Scan# 491
Delta R.T. 0.012 min
Lab File: VN073572.D
Acq: 25 Jul 2022 12:07

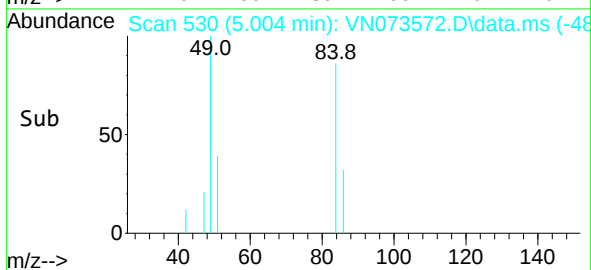
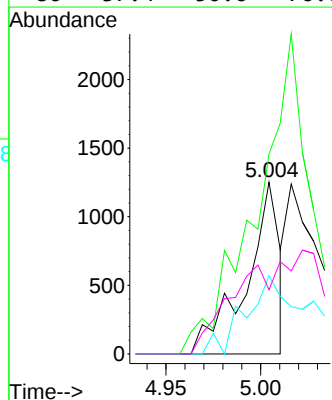
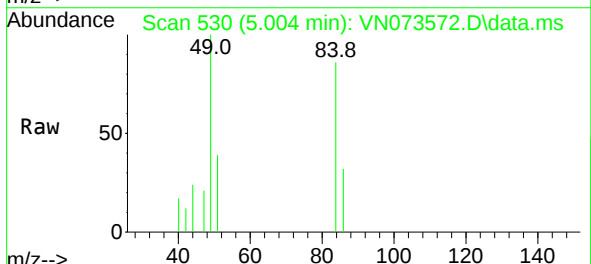
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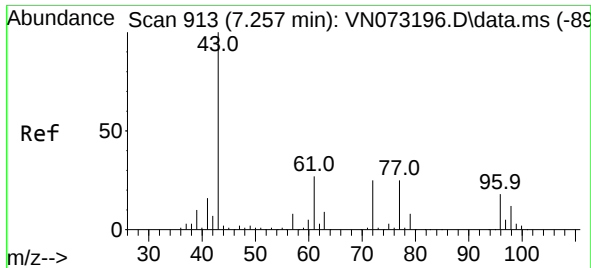
Tgt Ion: 43 Resp: 1220
Ion Ratio Lower Upper
43 100
74 11.2 21.6 32.4#



#20
Methylene Chloride
Concen: 0.454 ug/l
RT: 5.004 min Scan# 530
Delta R.T. -0.012 min
Lab File: VN073572.D
Acq: 25 Jul 2022 12:07

Tgt Ion: 84 Resp: 1533
Ion Ratio Lower Upper
84 100
49 116.4 88.3 132.5
51 45.6 28.2 42.2#
86 37.4 50.6 76.0#

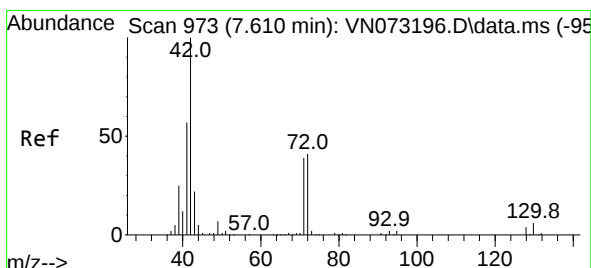
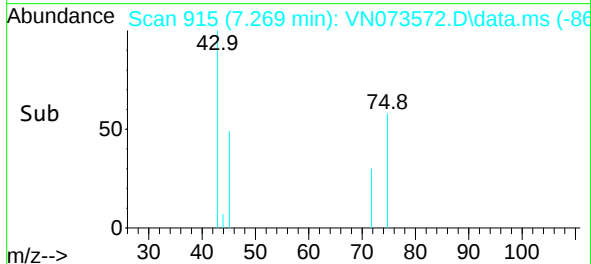
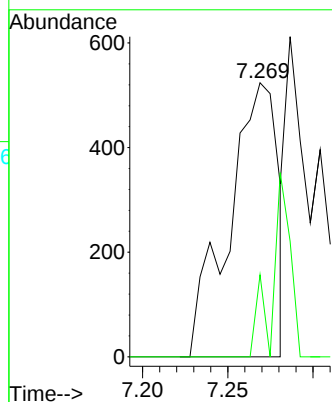
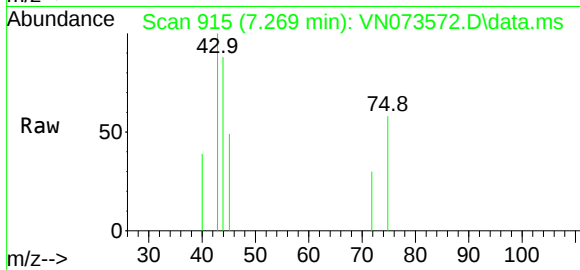




#25
2-Butanone
Concen: 0.342 ug/l
RT: 7.269 min Scan# 913
Delta R.T. 0.012 min
Lab File: VN073572.D
Acq: 25 Jul 2022 12:07

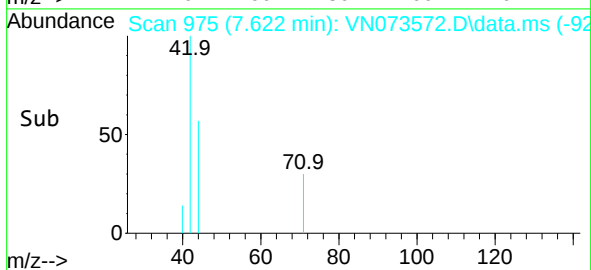
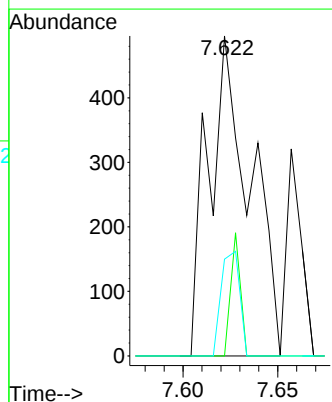
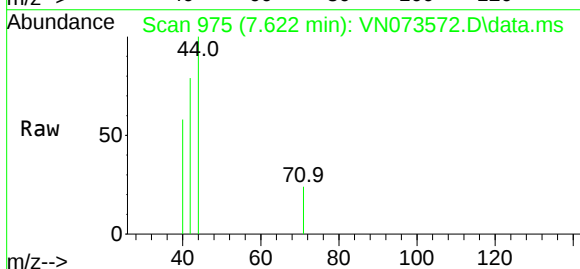
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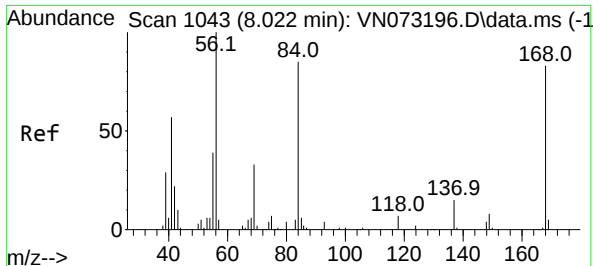
Tgt Ion: 43 Resp: 1048
Ion Ratio Lower Upper
43 100
72 30.0 23.7 35.5



#29
Tetrahydrofuran
Concen: 0.365 ug/l
RT: 7.622 min Scan# 975
Delta R.T. 0.012 min
Lab File: VN073572.D
Acq: 25 Jul 2022 12:07

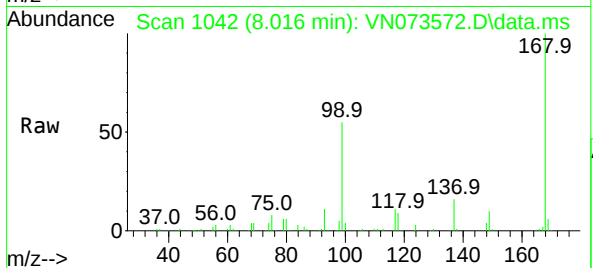
Tgt Ion: 42 Resp: 766
Ion Ratio Lower Upper
42 100
72 8.7 39.7 59.5#
71 14.4 36.6 55.0#



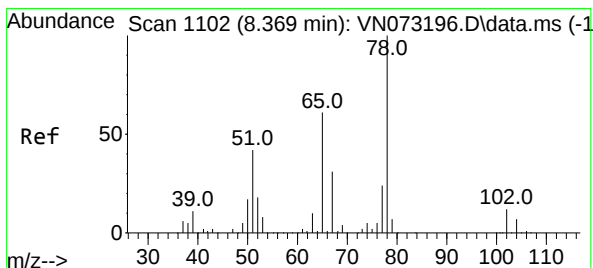
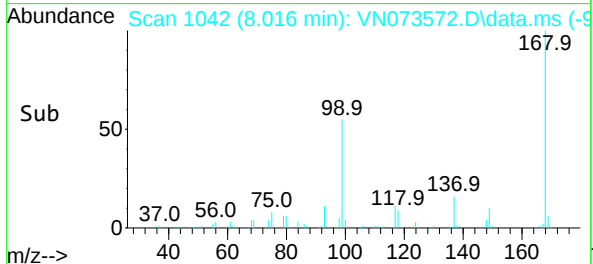
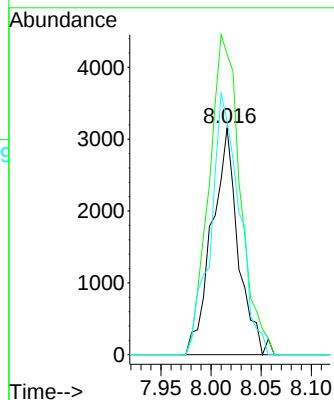


#31
Cyclohexane
Concen: 1.029 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073572.D
Acq: 25 Jul 2022 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN0725WBL01

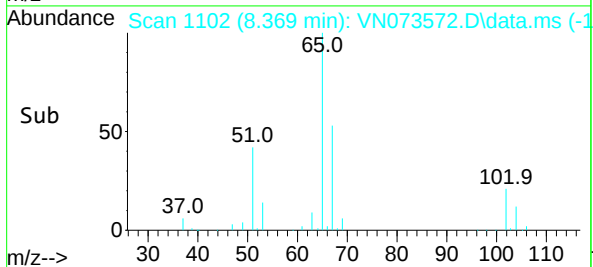
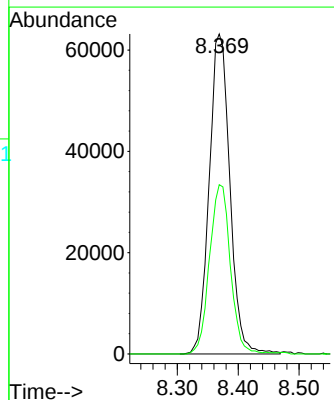
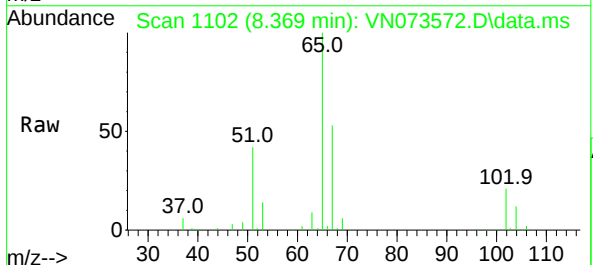


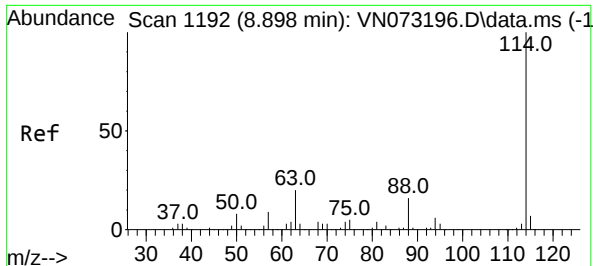
Tgt Ion: 56 Resp: 5774
Ion Ratio Lower Upper
56 100
69 132.6 27.8 41.8#
84 103.1 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 43.462 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073572.D
Acq: 25 Jul 2022 12:07

Tgt Ion: 65 Resp: 148877
Ion Ratio Lower Upper
65 100
67 53.6 0.0 104.8

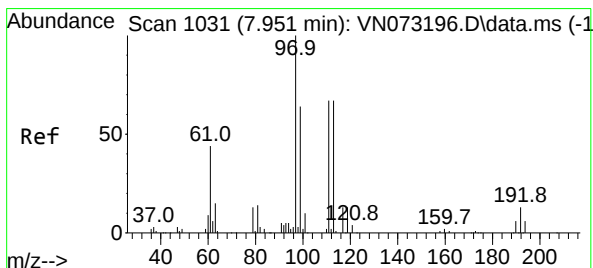
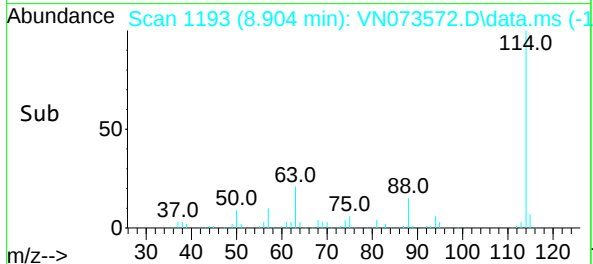
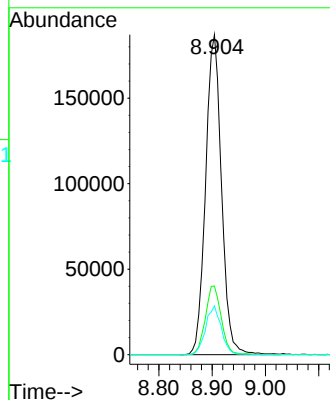
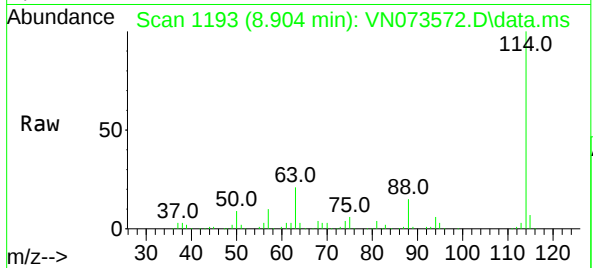




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VN073572.D
Acq: 25 Jul 2022 12:07

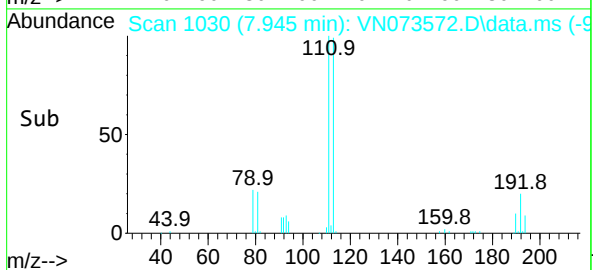
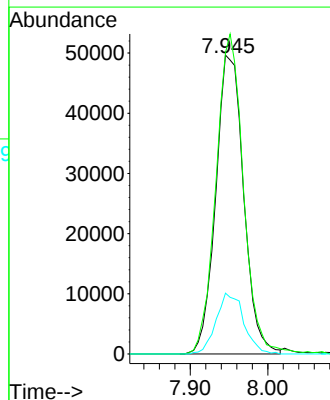
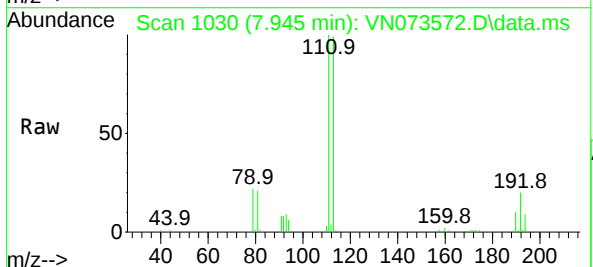
Instrument :
MSVOA_N
ClientSampleId :
VN0725WBL01

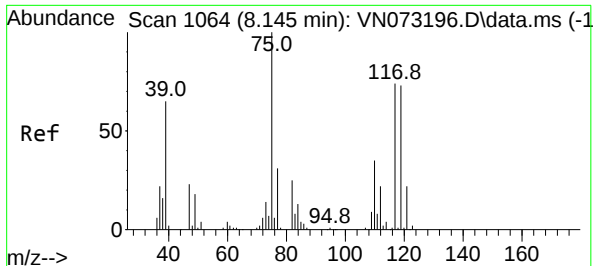
Tgt Ion:114 Resp: 387533
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.0
88 15.3 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.247 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VN073572.D
Acq: 25 Jul 2022 12:07

Tgt Ion:113 Resp: 124397
Ion Ratio Lower Upper
113 100
111 105.4 81.4 122.0
192 20.2 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.900 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073572.D

Acq: 25 Jul 2022 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN0725WBL01

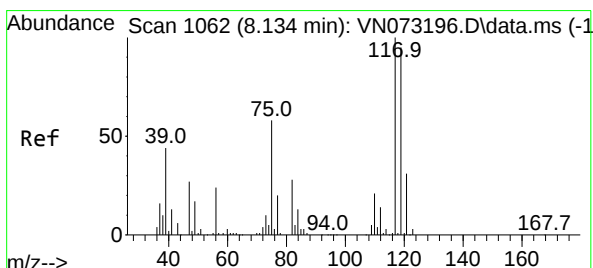
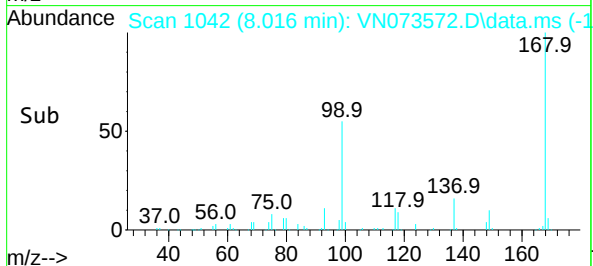
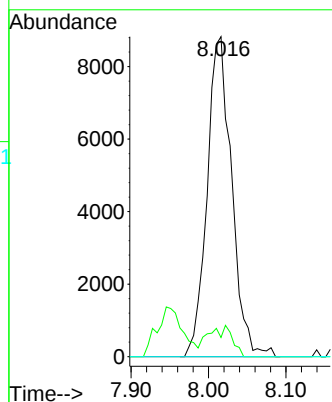
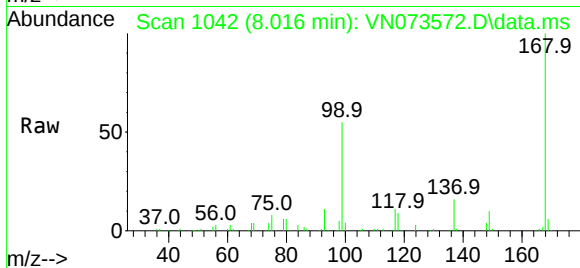
Tgt Ion: 75 Resp: 19439

Ion Ratio Lower Upper

75 100

110 3.5 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.018 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.118 min

Lab File: VN073572.D

Acq: 25 Jul 2022 12:07

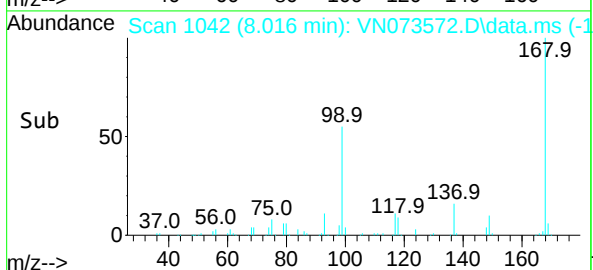
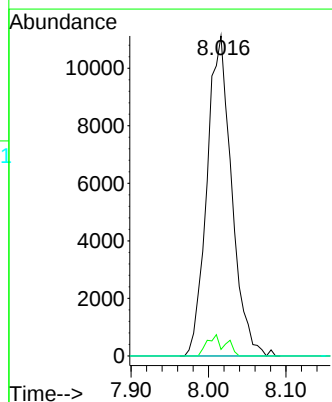
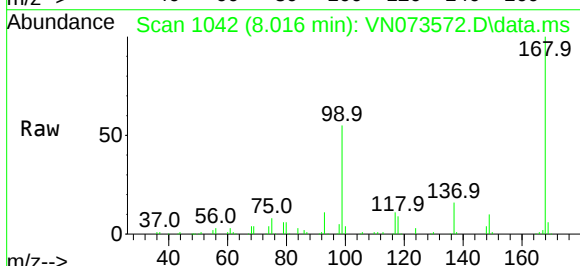
Tgt Ion: 117 Resp: 24688

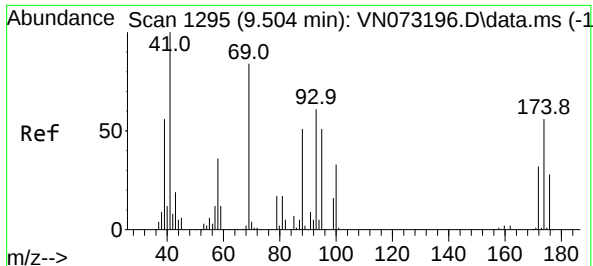
Ion Ratio Lower Upper

117 100

119 2.1 75.8 113.8#

121 0.0 24.6 37.0#

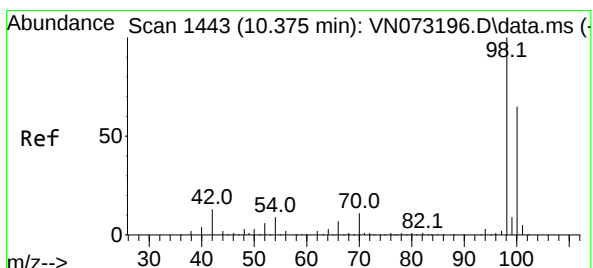
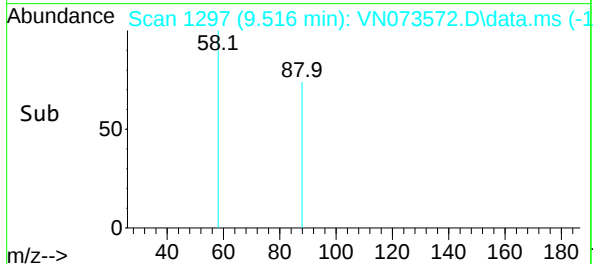
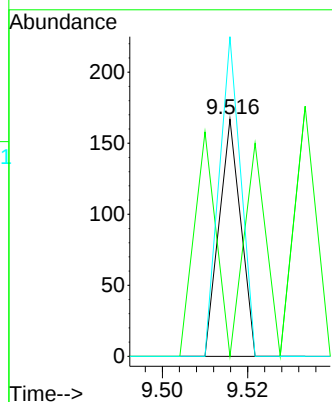
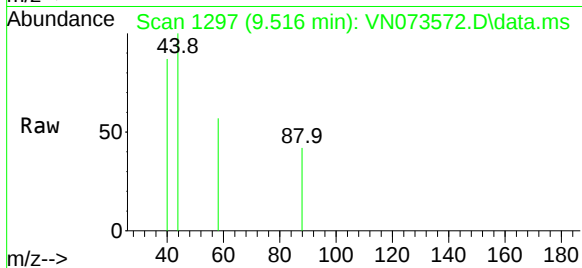




#49
1,4-Dioxane
Concen: 0.779 ug/l
RT: 9.516 min Scan# 1295
Delta R.T. 0.012 min
Lab File: VN073572.D
Acq: 25 Jul 2022 12:07

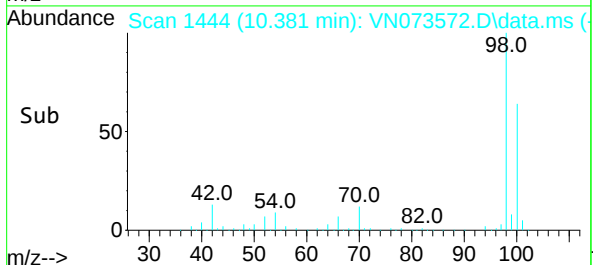
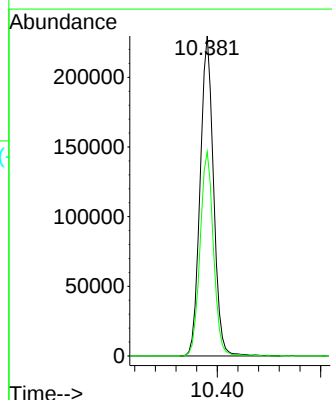
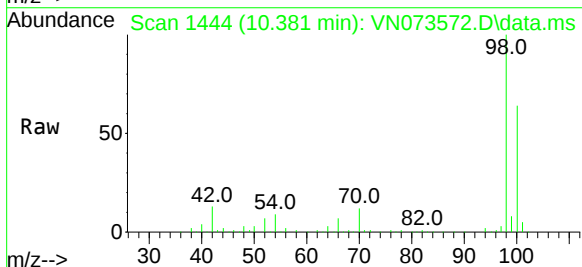
Instrument :
MSVOA_N
ClientSampleId :
VN0725WBL01

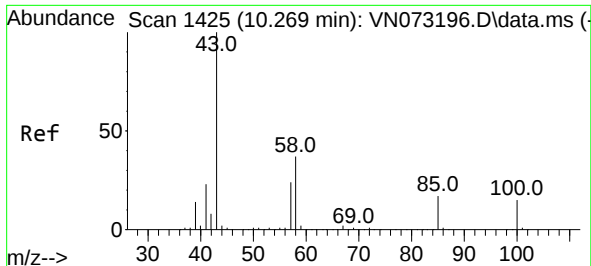
Tgt Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
43 94.9 20.2 30.4#
58 133.9 54.2 81.4#



#50
Toluene-d8
Concen: 45.034 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073572.D
Acq: 25 Jul 2022 12:07

Tgt Ion: 98 Resp: 412389
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8

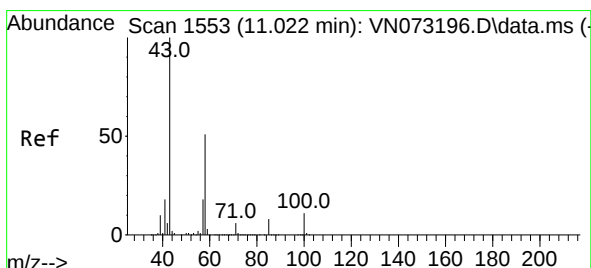
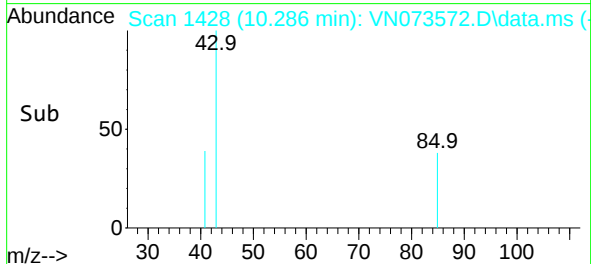
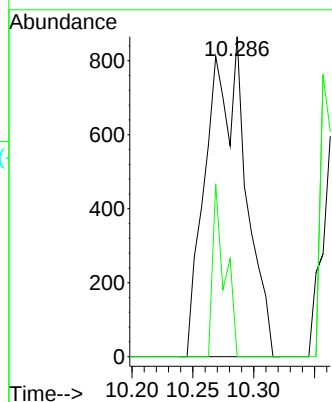
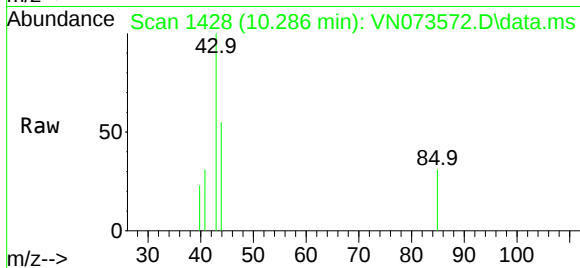




#51
4-Methyl-2-Pentanone
Concen: 0.349 ug/l
RT: 10.286 min Scan# 1428
Delta R.T. 0.017 min
Lab File: VN073572.D
Acq: 25 Jul 2022 12:07

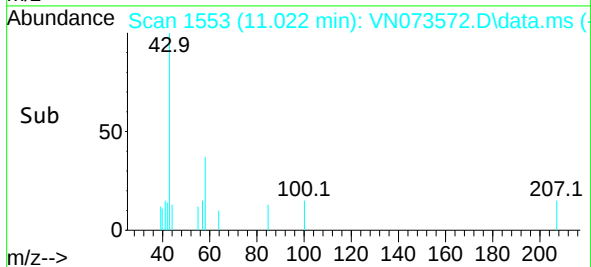
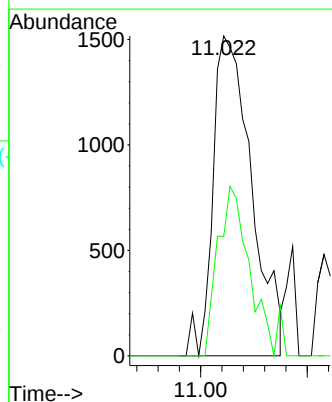
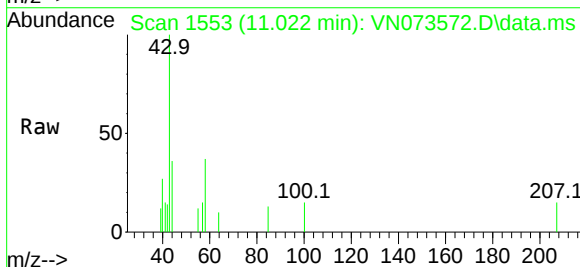
Instrument :
MSVOA_N
ClientSampleId :
VN0725WBL01

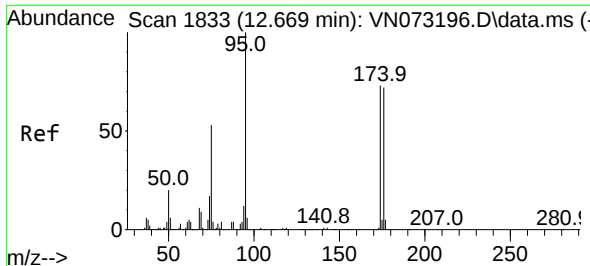
Tgt Ion: 43 Resp: 1904
Ion Ratio Lower Upper
43 100
58 16.9 34.1 51.1#



#59
2-Hexanone
Concen: 0.918 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. -0.000 min
Lab File: VN073572.D
Acq: 25 Jul 2022 12:07

Tgt Ion: 43 Resp: 3822
Ion Ratio Lower Upper
43 100
58 42.4 29.7 89.1

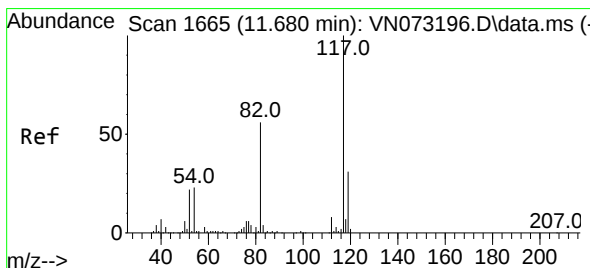
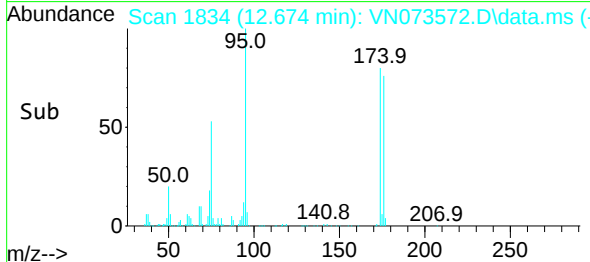
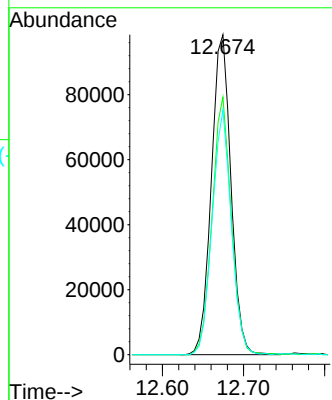
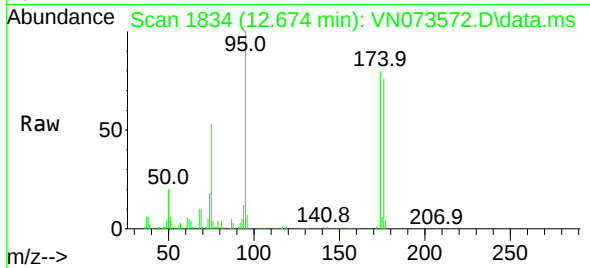




#62
4-Bromofluorobenzene
Concen: 46.908 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073572.D
Acq: 25 Jul 2022 12:07

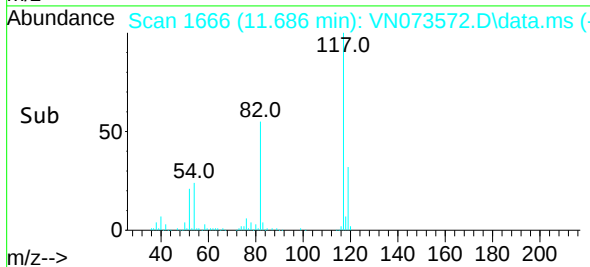
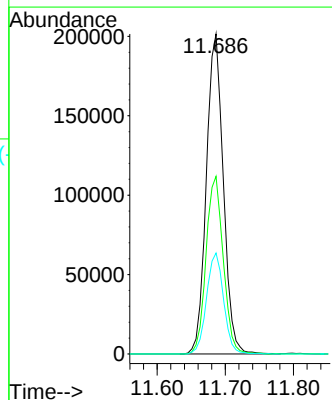
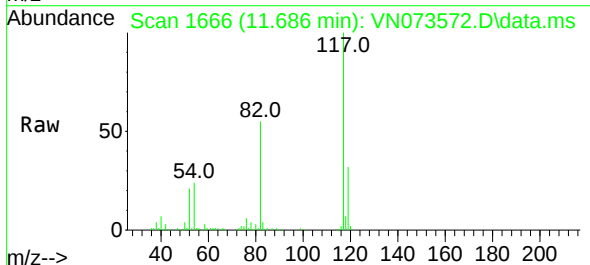
Instrument :
MSVOA_N
ClientSampleId :
VN0725WBL01

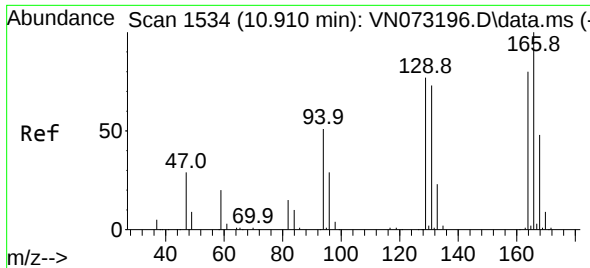
Tgt Ion: 95 Resp: 165074
Ion Ratio Lower Upper
95 100
174 78.8 0.0 167.6
176 74.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073572.D
Acq: 25 Jul 2022 12:07

Tgt Ion: 117 Resp: 349913
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.2
119 31.6 25.4 38.0

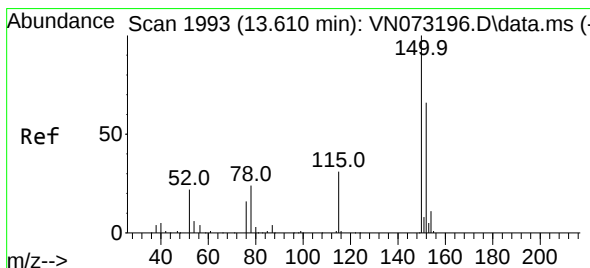
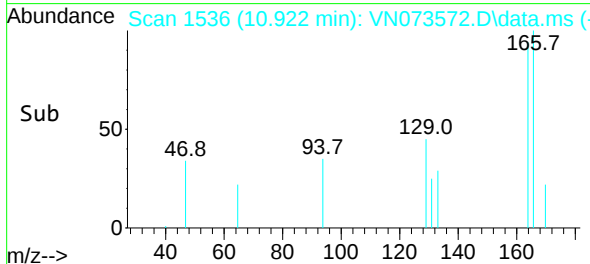
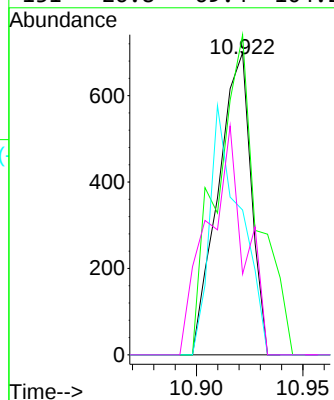
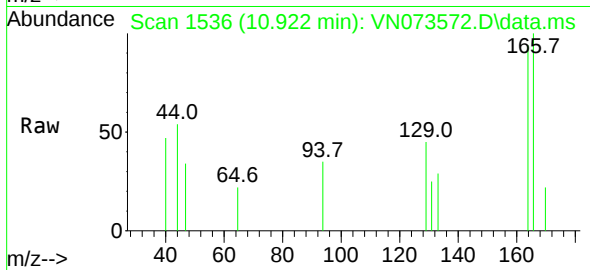




#64
Tetrachloroethene
Concen: 0.264 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN073572.D
Acq: 25 Jul 2022 12:07

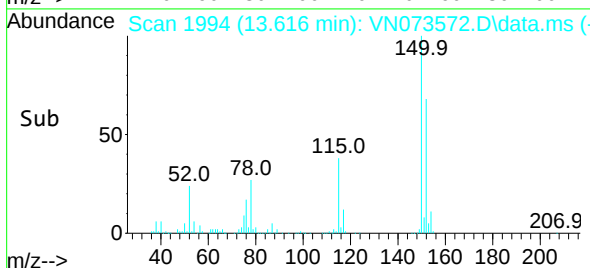
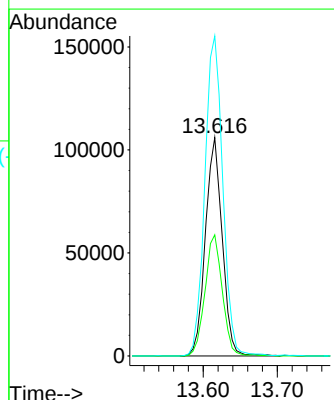
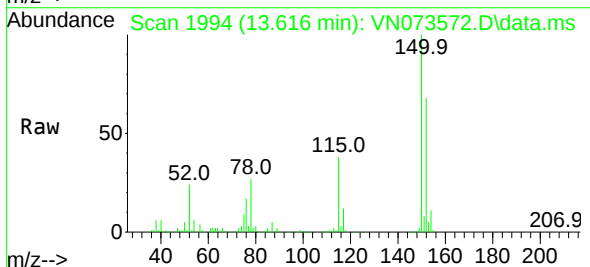
Instrument :
MSVOA_N
ClientSampleId :
VN0725WBL01

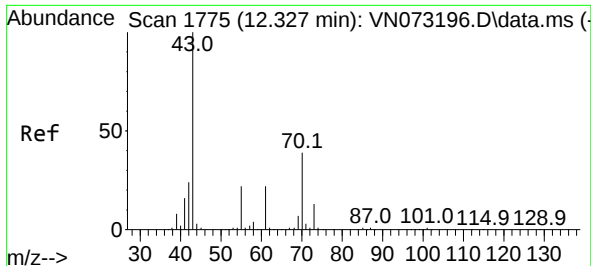
Tgt Ion:164 Resp: 753
Ion Ratio Lower Upper
164 100
166 106.0 104.2 156.2
129 47.9 73.9 110.9#
131 26.8 69.4 104.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VN073572.D
Acq: 25 Jul 2022 12:07

Tgt Ion:152 Resp: 167955
Ion Ratio Lower Upper
152 100
115 57.2 28.9 86.7
150 156.0 0.0 356.2

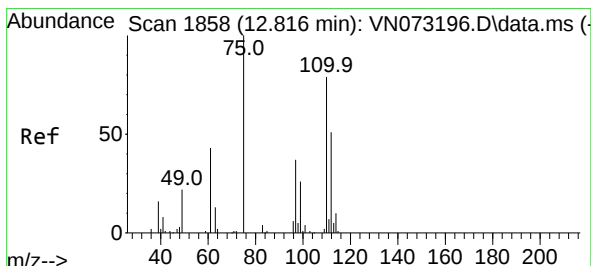
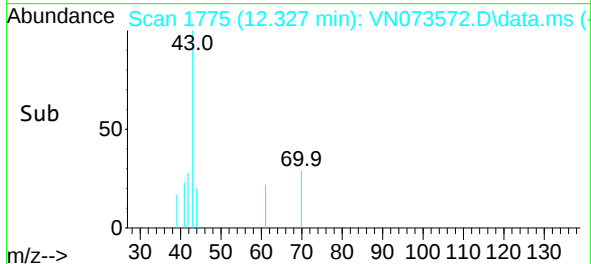
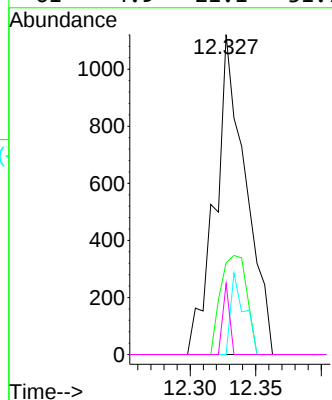
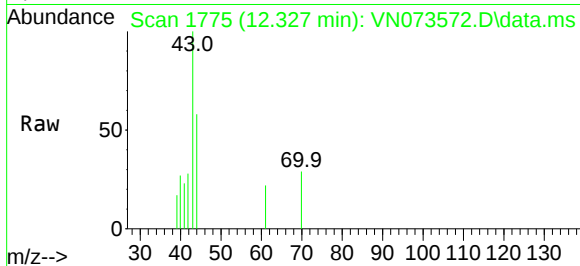




#74
N-ethyl acetate
Concen: 0.248 ug/l
RT: 12.327 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073572.D
Acq: 25 Jul 2022 12:07

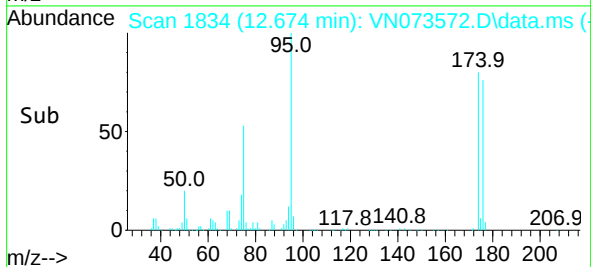
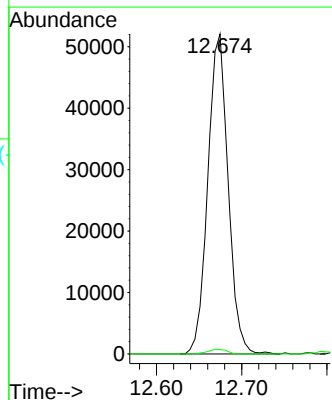
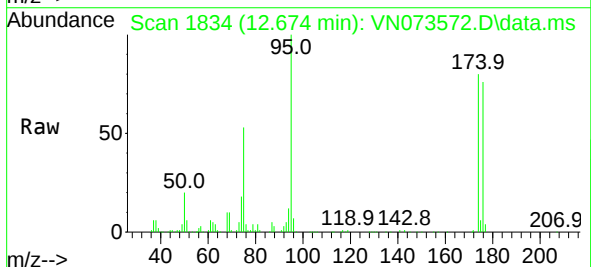
Instrument :
MSVOA_N
ClientSampleId :
VN0725WBL01

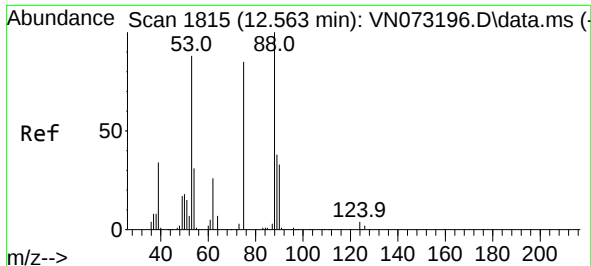
Tgt Ion: 43	Resp: 1803
Ion Ratio	Lower Upper
43 100	
70 26.7	39.0 58.4#
55 11.6	21.1 31.7#
61 4.9	21.1 31.7#



#76
1,2,3-Trichloropropane
Concen: 19.650 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.142 min
Lab File: VN073572.D
Acq: 25 Jul 2022 12:07

Tgt Ion: 75	Resp: 86295
Ion Ratio	Lower Upper
75 100	
77 1.4	98.5 295.5#

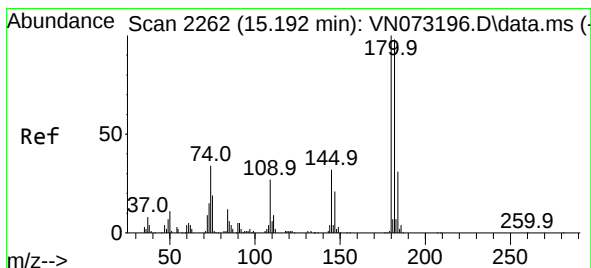
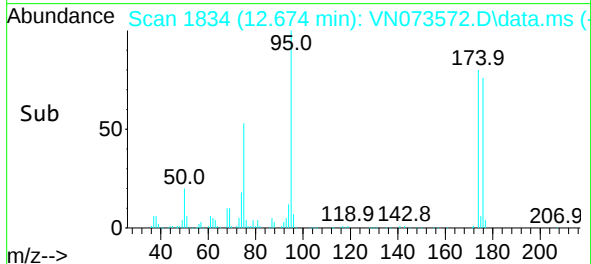
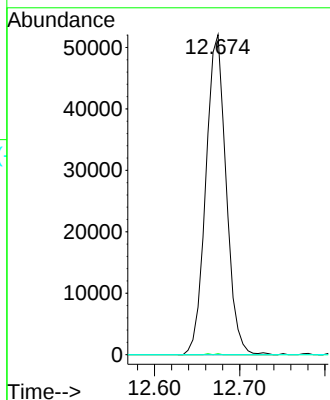
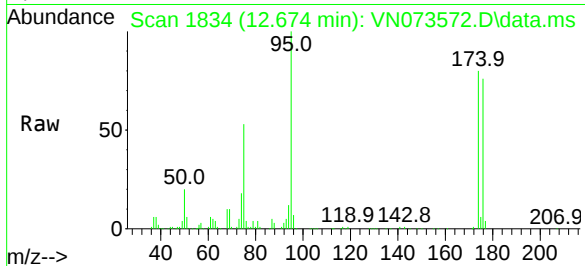




#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.888 ug/l
 RT: 12.674 min Scan# 1834
 Delta R.T. 0.111 min
 Lab File: VN073572.D
 Acq: 25 Jul 2022 12:07

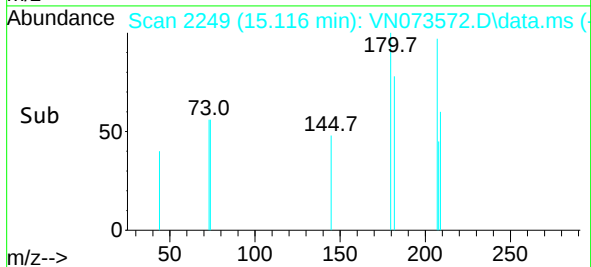
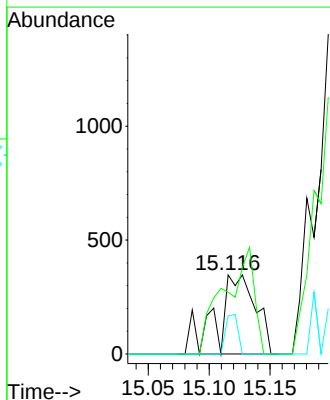
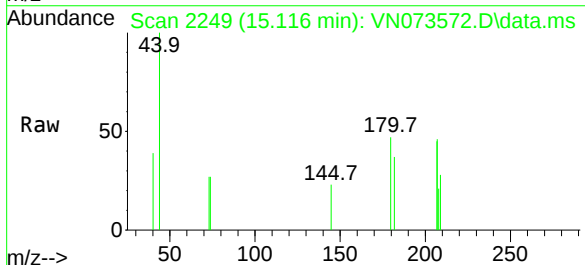
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0725WBL01

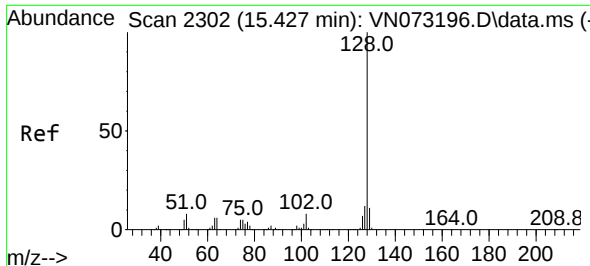
Tgt Ion: 75 Resp: 86295
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.0 117.0#
 89 0.0 37.2 55.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.242 ug/l
 RT: 15.116 min Scan# 2249
 Delta R.T. -0.076 min
 Lab File: VN073572.D
 Acq: 25 Jul 2022 12:07

Tgt Ion: 180 Resp: 776
 Ion Ratio Lower Upper
 180 100
 182 103.5 47.5 142.5
 145 15.5 14.5 43.5

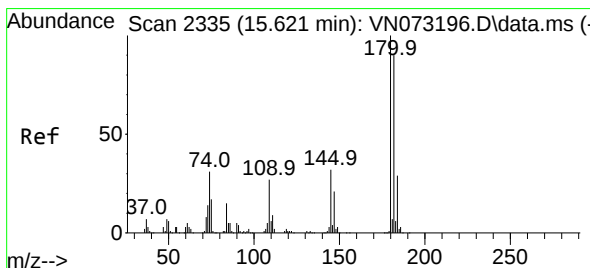
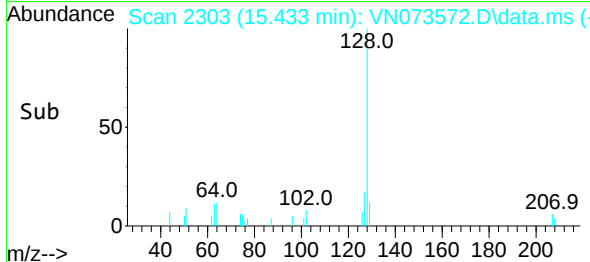
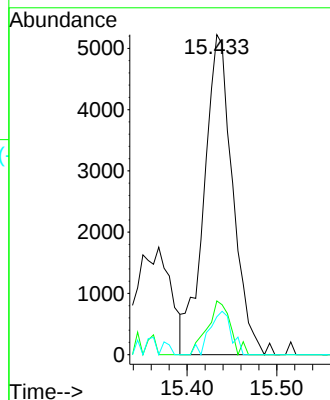
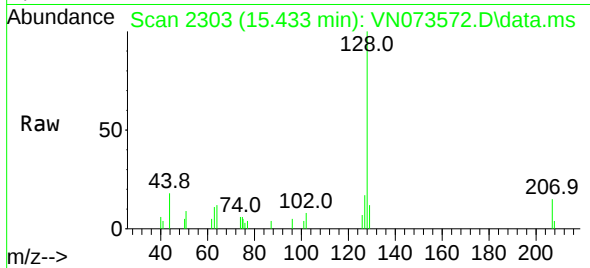




#95
Naphthalene
Concen: 0.894 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073572.D
Acq: 25 Jul 2022 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN0725WBL01

Tgt Ion:128 Resp: 11571
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.4 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.755 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.006 min
Lab File: VN073572.D
Acq: 25 Jul 2022 12:07

Tgt Ion:180 Resp: 2498
Ion Ratio Lower Upper
180 100
182 88.4 47.8 143.3
145 21.5 15.5 46.5

