

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081522\
 Data File : VN073896.D
 Acq On : 15 Aug 2022 15:28
 Operator : JC\MD
 Sample : VN0815WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBL01

Quant Time: Aug 15 23:57:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 15 23:50:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

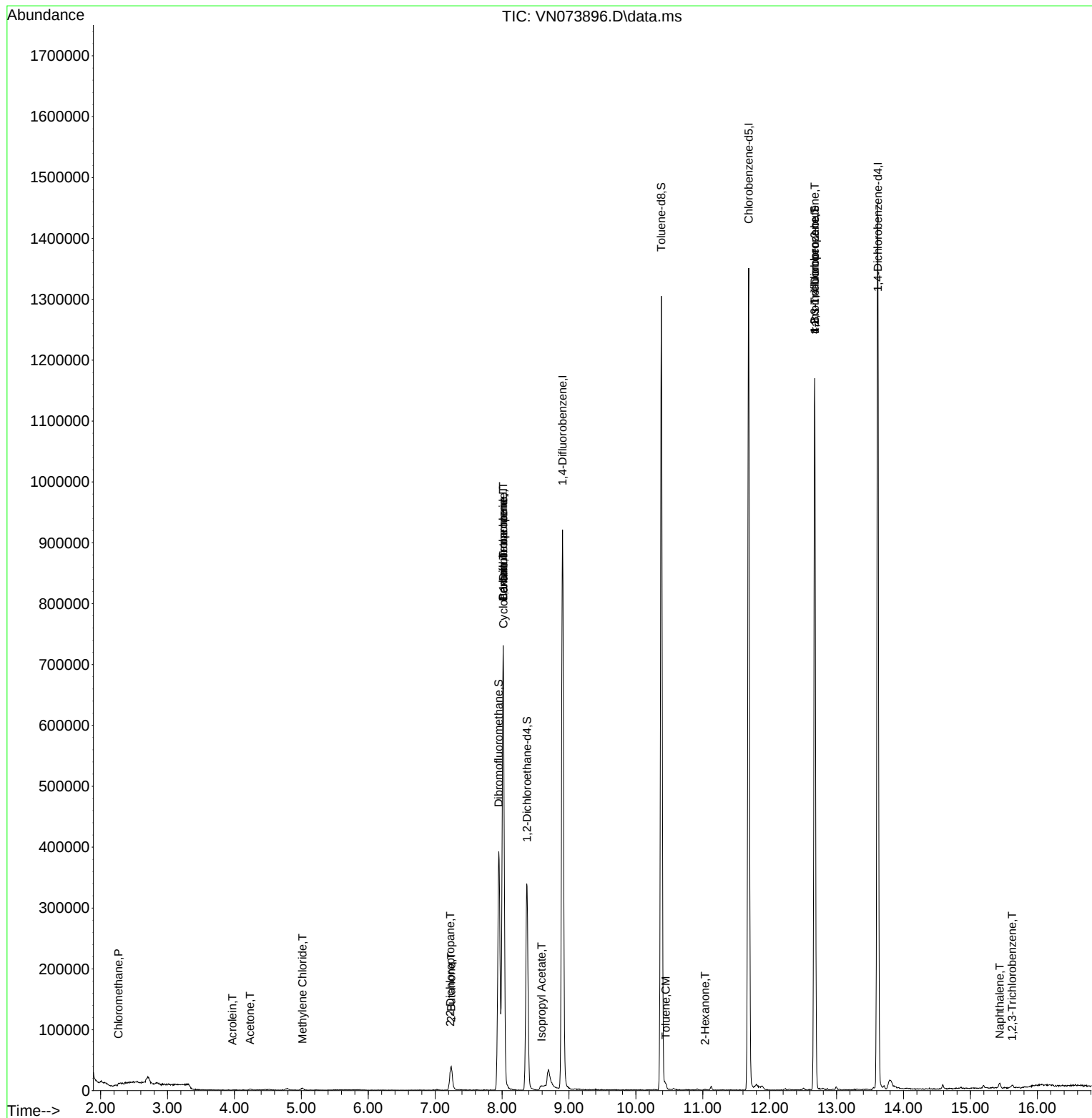
Internal Standards						
1) Pentafluorobenzene	8.016	168	627478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	887918	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	842823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	443334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	289814	47.420	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.840%
35) Dibromofluoromethane	7.951	113	283329	53.957	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.920%
50) Toluene-d8	10.380	98	925103	45.489	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.980%
62) 4-Bromofluorobenzene	12.674	95	383598	56.834	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.660%
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	1185	0.214	ug/l	90
13) Acrolein	3.969	56	264	0.276	ug/l #	16
16) Acetone	4.234	43	3482	1.208	ug/l #	76
18) Methyl Acetate	4.787	43	5538	Below Cal	#	84
20) Methylene Chloride	5.016	84	2859	0.470	ug/l #	87
25) 2-Butanone	7.239	43	2719	0.595	ug/l #	45
26) 2,2-Dichloropropane	7.228	77	3006	0.331	ug/l #	53
31) Cyclohexane	8.022	56	9552	1.121	ug/l #	31
36) 1,1-Dichloropropene	8.016	75	37991	5.209	ug/l #	49
38) Carbon Tetrachloride	8.016	117	53791	6.452	ug/l #	18
43) Isopropyl Acetate	8.592	43	7805	0.620	ug/l #	53
52) Toluene	10.445	92	3526	0.223	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.969	63	69	Below Cal	#	44
59) 2-Hexanone	11.033	43	1358	0.207	ug/l	67
76) 1,2,3-Trichloropropane	12.674	75	190848	20.267	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	190848	58.907	ug/l #	10
95) Naphthalene	15.439	128	8064	0.260	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.621	180	2015	0.205	ug/l	94

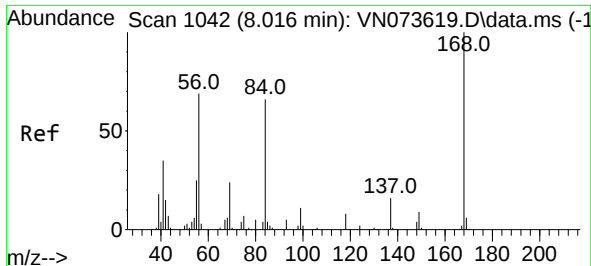
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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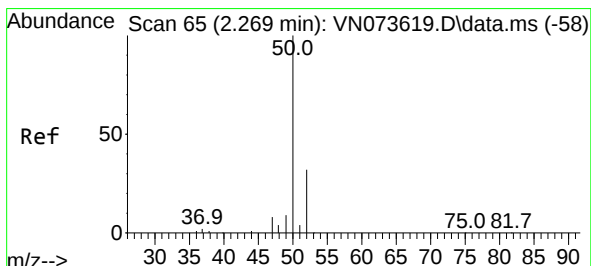
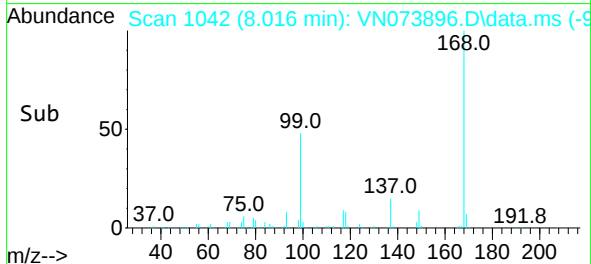
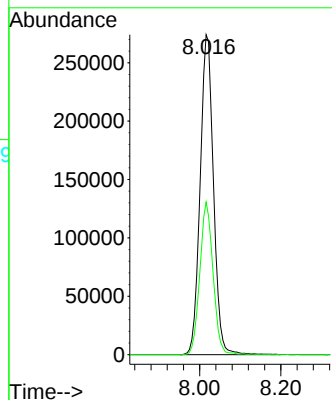
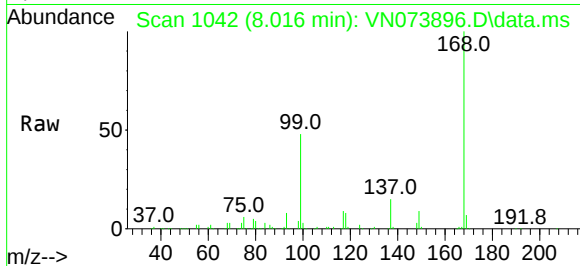




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073896.D
Acq: 15 Aug 2022 15:28

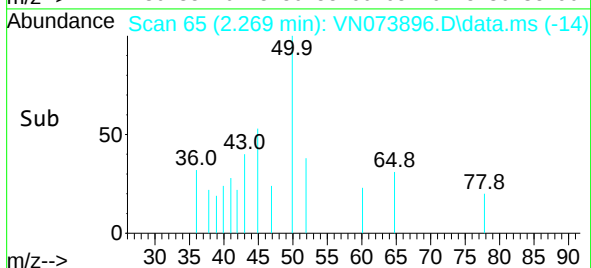
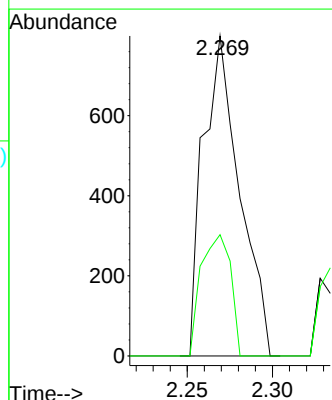
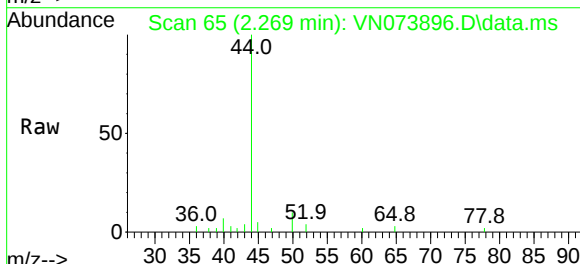
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBL01

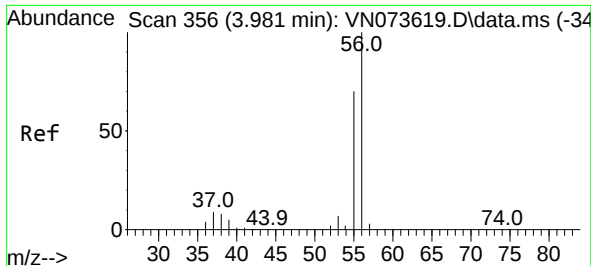
Tgt Ion:168 Resp: 627478
Ion Ratio Lower Upper
168 100
99 47.7 42.3 63.5



#3
Chloromethane
Concen: 0.214 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073896.D
Acq: 15 Aug 2022 15:28

Tgt Ion: 50 Resp: 1185
Ion Ratio Lower Upper
50 100
52 37.9 25.7 38.5





#13

Acrolein

Concen: 0.276 ug/l

RT: 3.969 min Scan# 31

Delta R.T. -0.012 min

Lab File: VN073896.D

Acq: 15 Aug 2022 15:28

Instrument :

MSVOA_N

ClientSampleId :

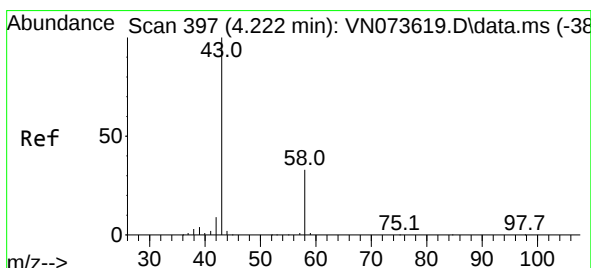
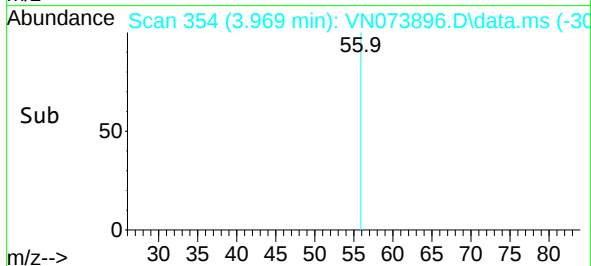
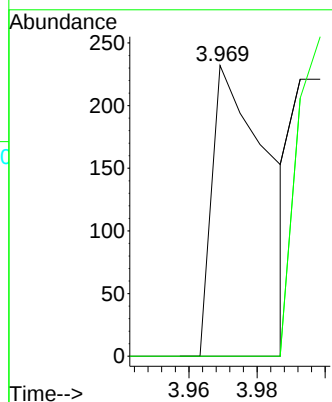
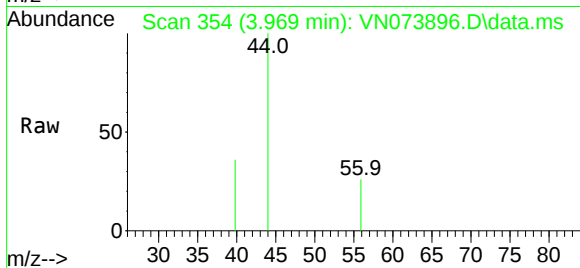
VN0815WBL01

Tgt Ion: 56 Resp: 264

Ion Ratio Lower Upper

56 100

55 0.0 54.8 82.2#



#16

Acetone

Concen: 1.208 ug/l

RT: 4.234 min Scan# 399

Delta R.T. 0.012 min

Lab File: VN073896.D

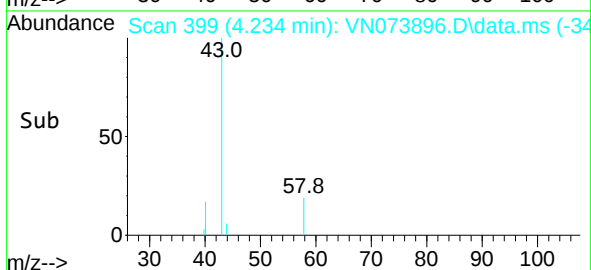
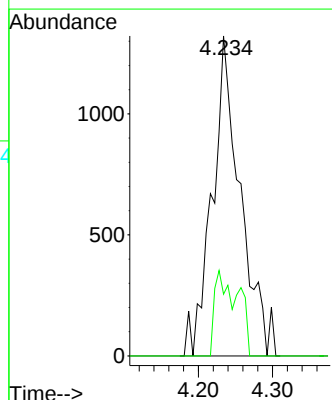
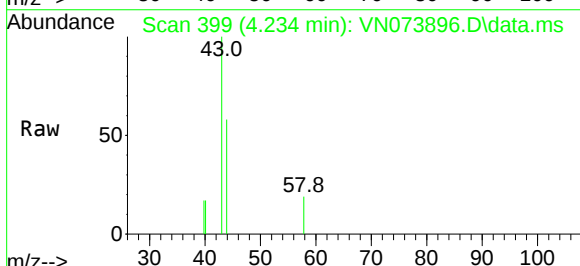
Acq: 15 Aug 2022 15:28

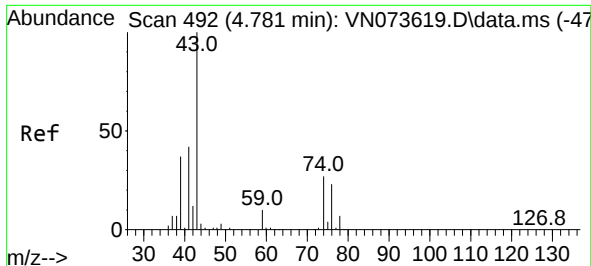
Tgt Ion: 43 Resp: 3482

Ion Ratio Lower Upper

43 100

58 19.3 26.0 39.0#

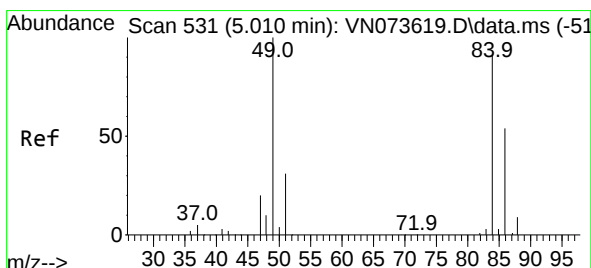
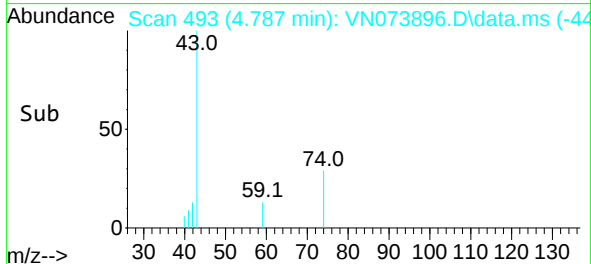
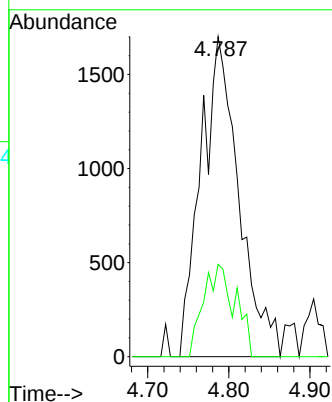
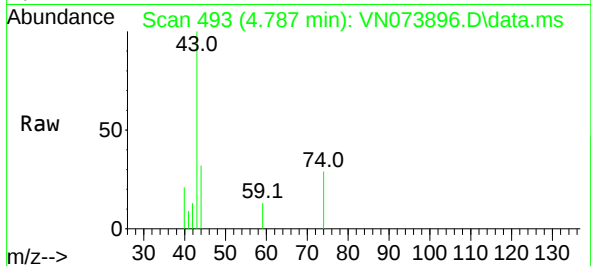




#18
Methyl Acetate
Concen: Below Cal
RT: 4.787 min Scan# 493
Delta R.T. 0.006 min
Lab File: VN073896.D
Acq: 15 Aug 2022 15:28

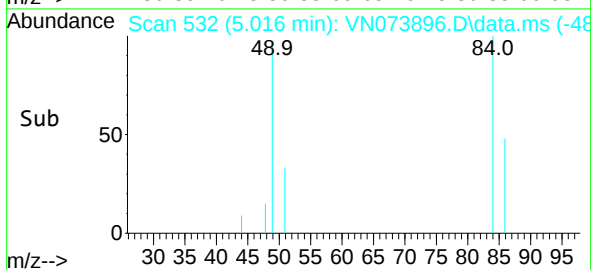
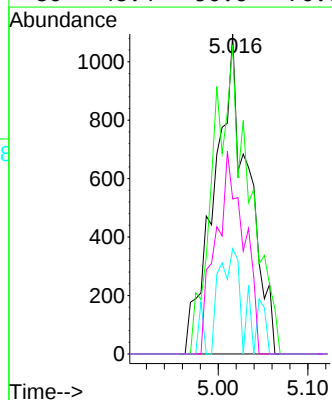
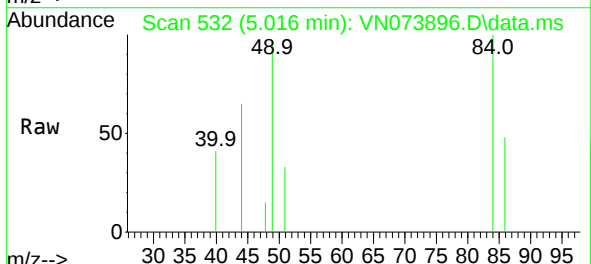
Instrument :
MSVOA_N
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VN0815WBL01

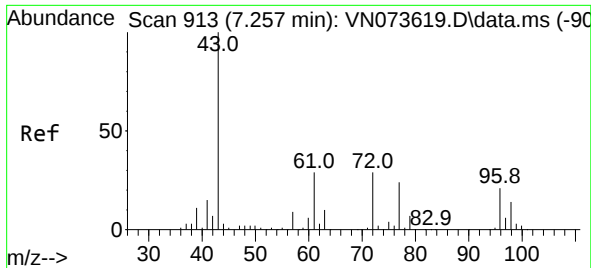
Tgt Ion: 43 Resp: 5538
Ion Ratio Lower Upper
43 100
74 18.9 21.6 32.4#



#20
Methylene Chloride
Concen: 0.470 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN073896.D
Acq: 15 Aug 2022 15:28

Tgt Ion: 84 Resp: 2859
Ion Ratio Lower Upper
84 100
49 96.6 88.3 132.5
51 32.9 28.2 42.2
86 48.4 50.6 76.0#

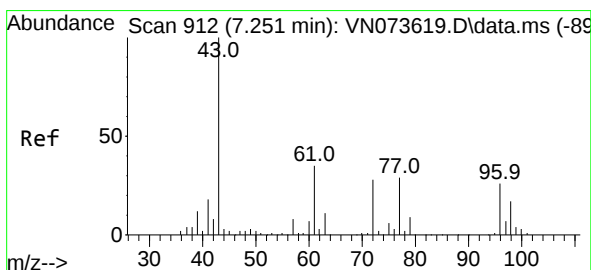
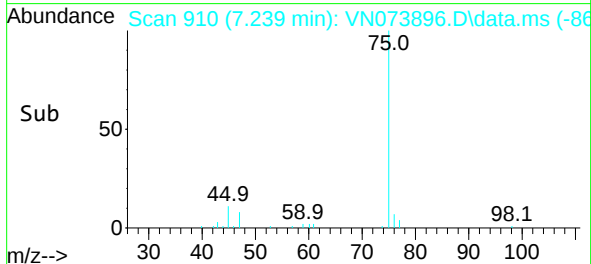
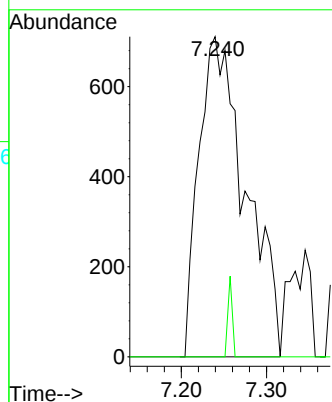
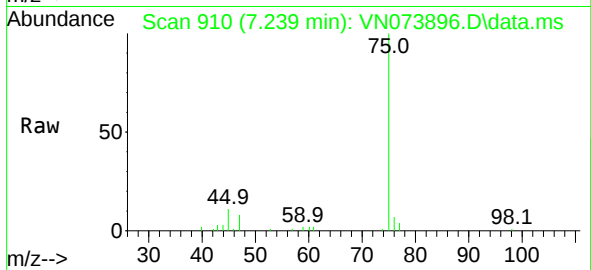




#25
2-Butanone
Concen: 0.595 ug/l
RT: 7.239 min Scan# 91
Delta R.T. -0.018 min
Lab File: VN073896.D
Acq: 15 Aug 2022 15:28

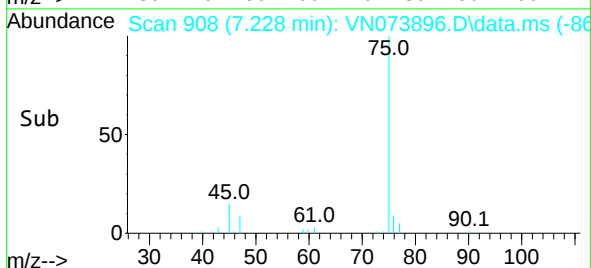
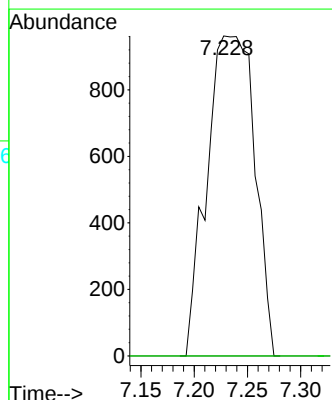
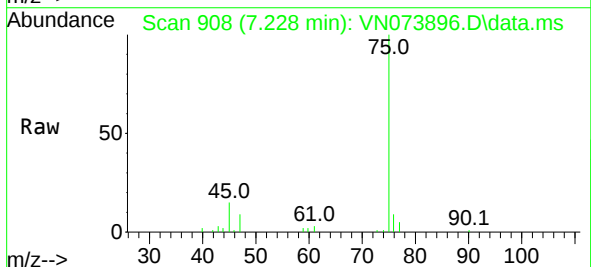
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBL01

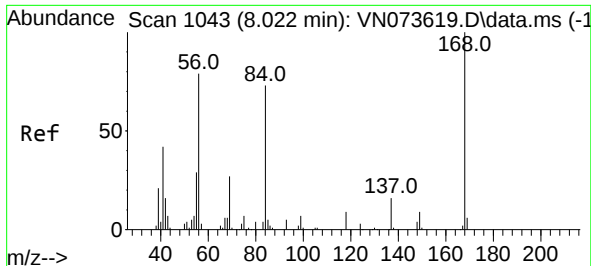
Tgt Ion: 43 Resp: 2719
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#26
2,2-Dichloropropane
Concen: 0.331 ug/l
RT: 7.228 min Scan# 908
Delta R.T. -0.023 min
Lab File: VN073896.D
Acq: 15 Aug 2022 15:28

Tgt Ion: 77 Resp: 3006
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#

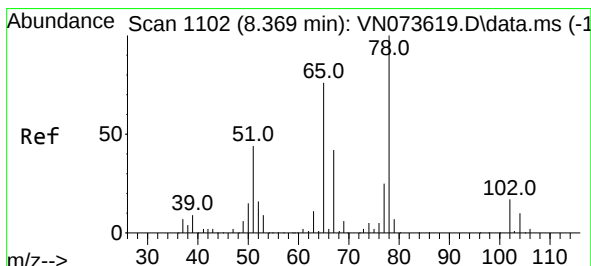
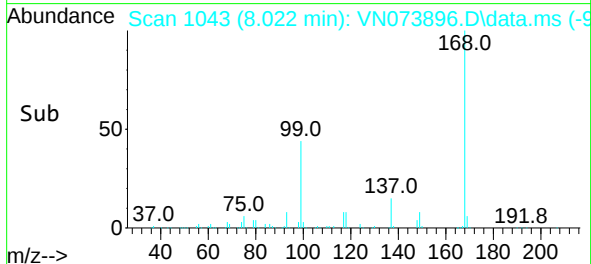
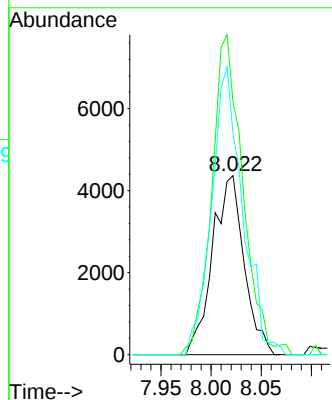
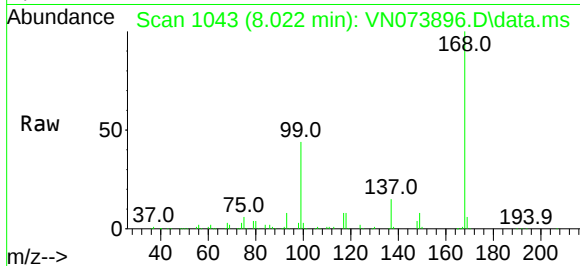




#31
Cyclohexane
Concen: 1.121 ug/l
RT: 8.022 min Scan# 1103
Delta R.T. 0.000 min
Lab File: VN073896.D
Acq: 15 Aug 2022 15:28

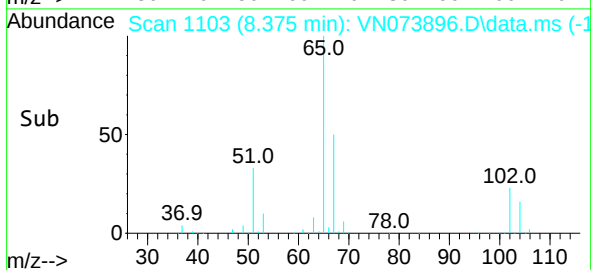
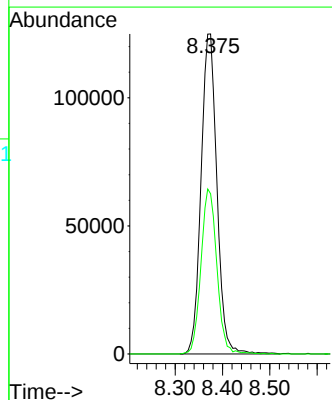
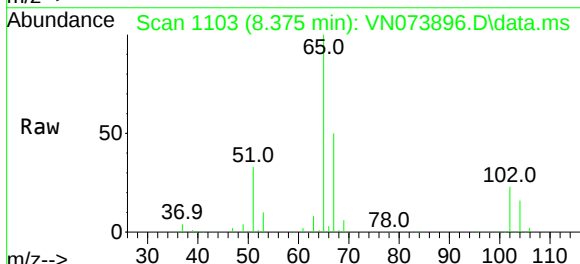
Instrument :
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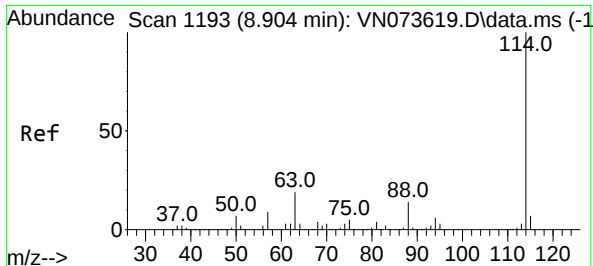
Tgt Ion: 56 Resp: 9552
Ion Ratio Lower Upper
56 100
69 141.0 27.8 41.8#
84 123.5 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 47.420 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073896.D
Acq: 15 Aug 2022 15:28

Tgt Ion: 65 Resp: 289814
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073896.D

Acq: 15 Aug 2022 15:28

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBL01

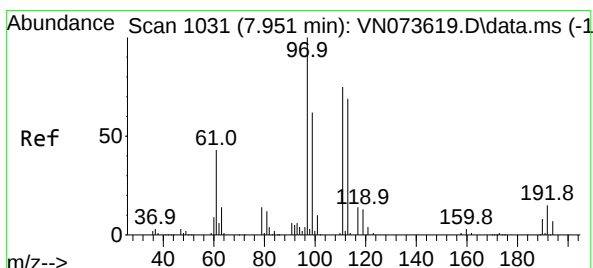
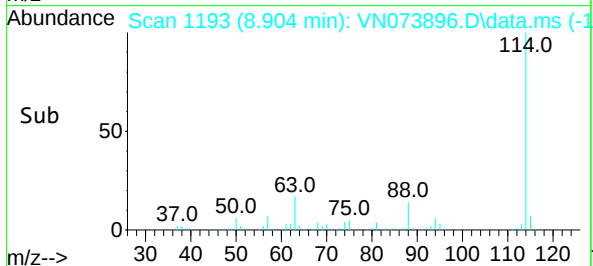
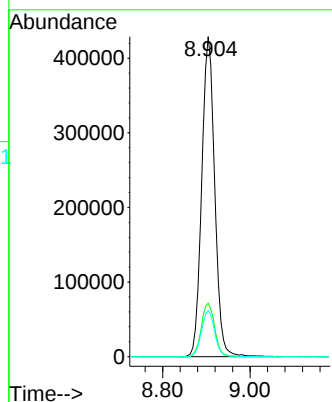
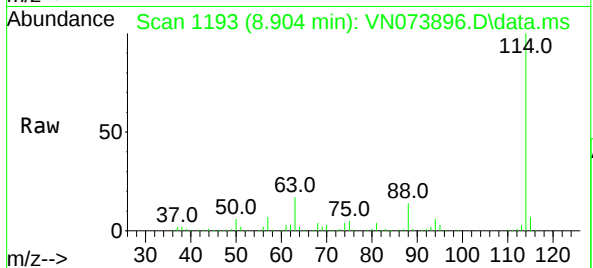
Tgt Ion:114 Resp: 887918

Ion Ratio Lower Upper

114 100

63 16.7 0.0 40.0

88 14.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.957 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073896.D

Acq: 15 Aug 2022 15:28

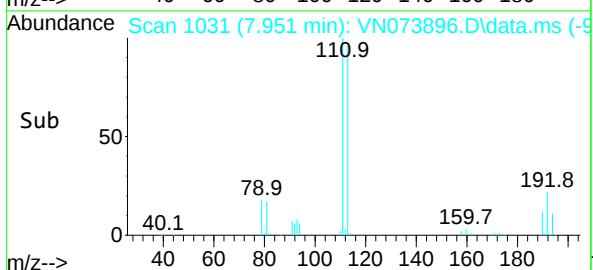
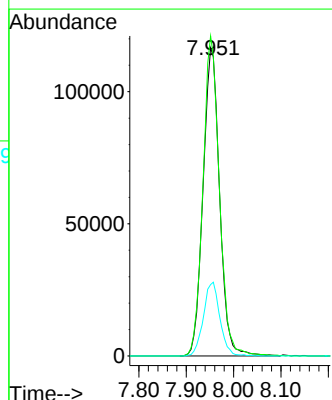
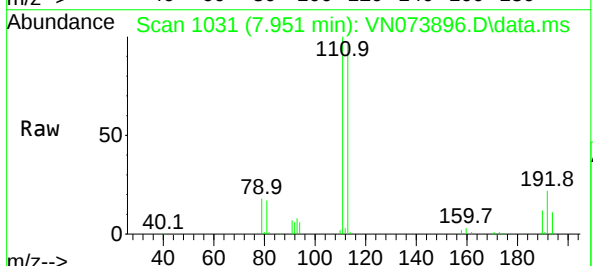
Tgt Ion:113 Resp: 283329

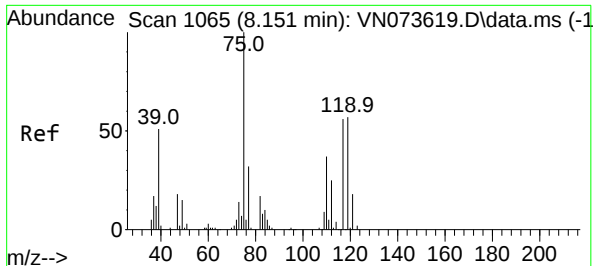
Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

192 23.9 17.0 25.6

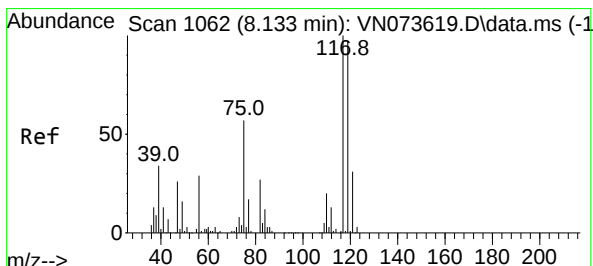
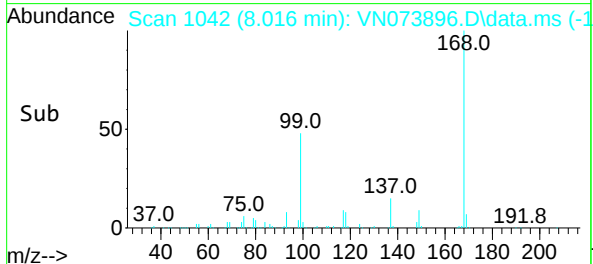
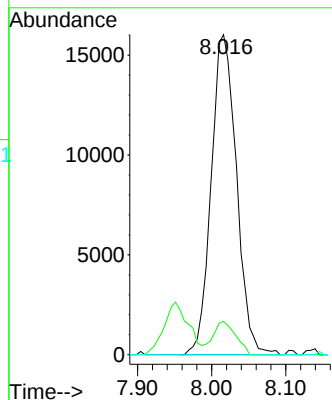
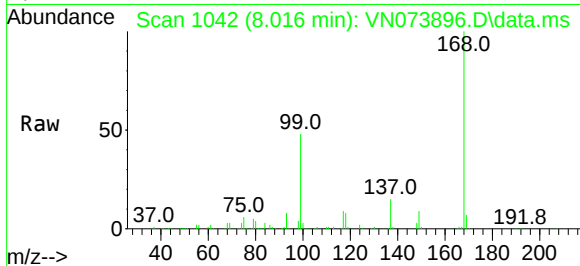




#36
1,1-Dichloropropene
Concen: 5.209 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN073896.D
Acq: 15 Aug 2022 15:28

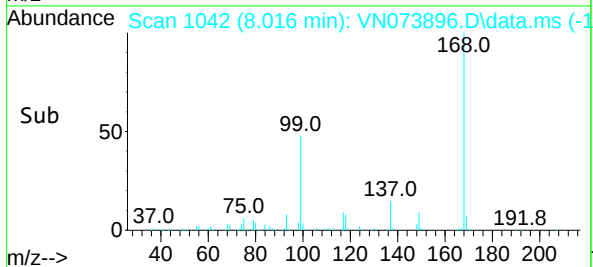
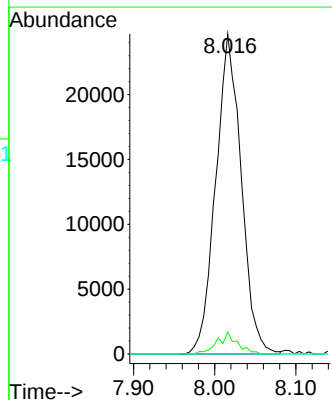
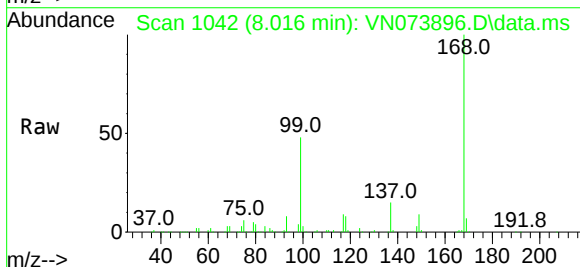
Instrument :
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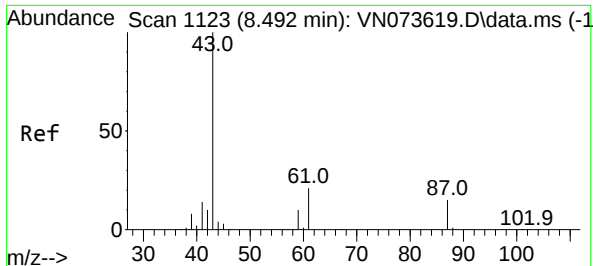
Tgt Ion: 75 Resp: 37991
Ion Ratio Lower Upper
75 100
110 9.4 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.452 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN073896.D
Acq: 15 Aug 2022 15:28

Tgt Ion: 117 Resp: 53791
Ion Ratio Lower Upper
117 100
119 6.8 75.8 113.8#
121 0.0 24.6 37.0#

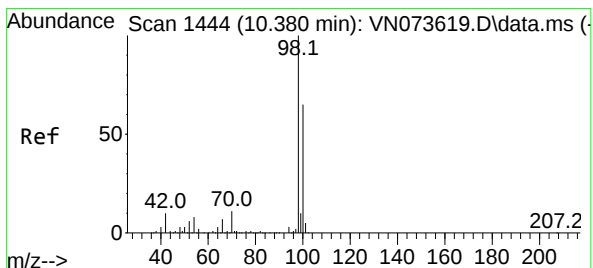
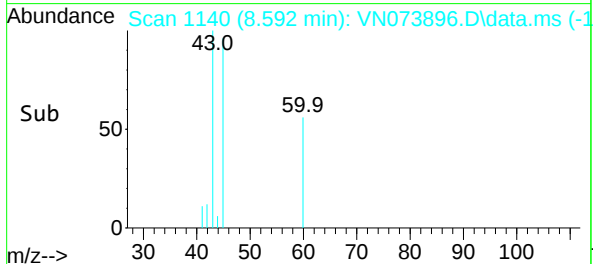
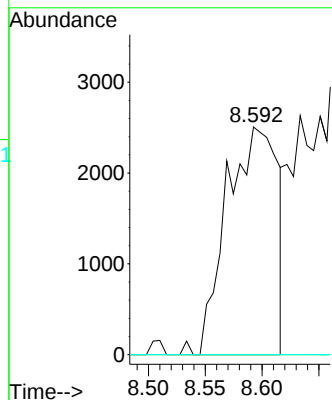
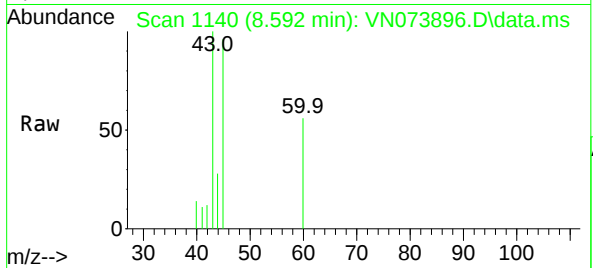




#43
Isopropyl Acetate
Concen: 0.620 ug/l
RT: 8.592 min Scan# 1123
Delta R.T. 0.100 min
Lab File: VN073896.D
Acq: 15 Aug 2022 15:28

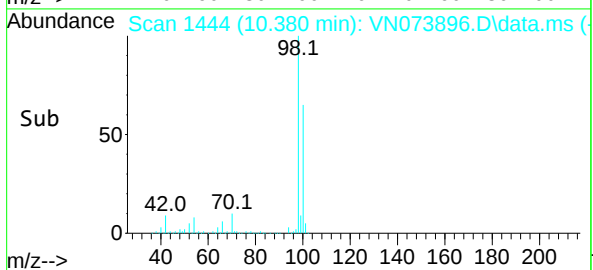
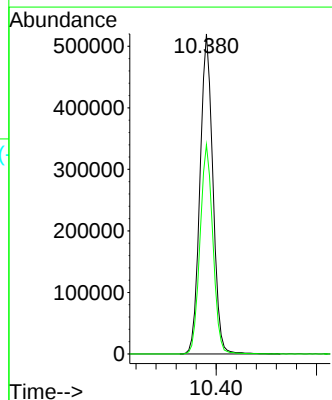
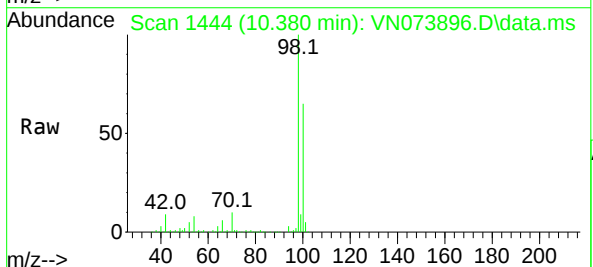
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBL01

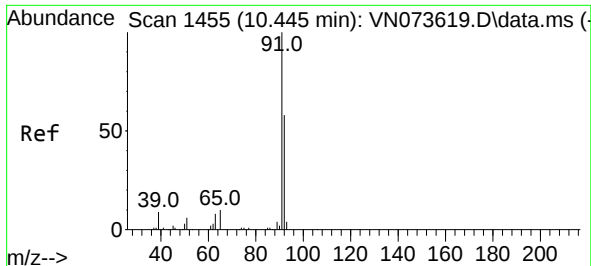
Tgt Ion: 43 Resp: 7805
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 45.489 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073896.D
Acq: 15 Aug 2022 15:28

Tgt Ion: 98 Resp: 925103
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8

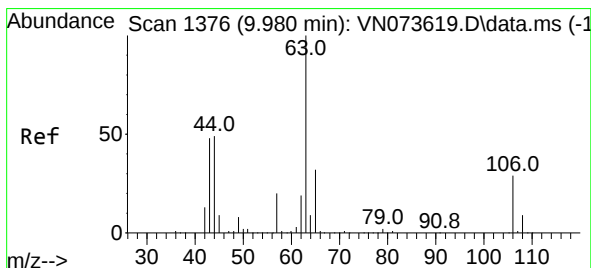
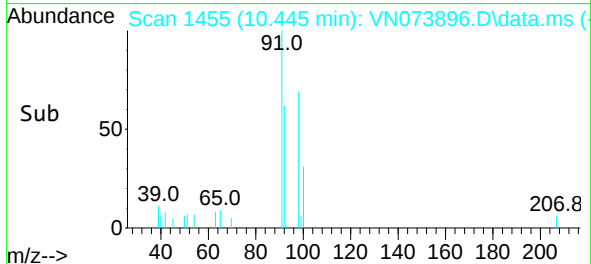
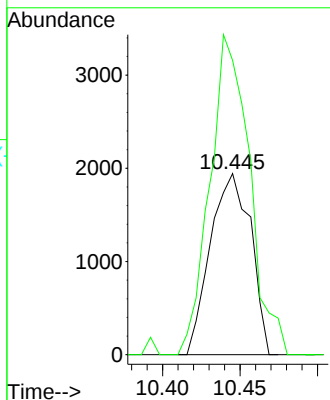
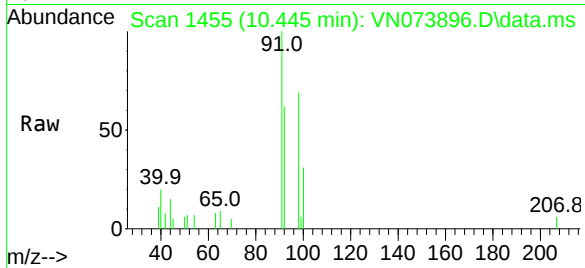




#52
Toluene
Concen: 0.223 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073896.D
Acq: 15 Aug 2022 15:28

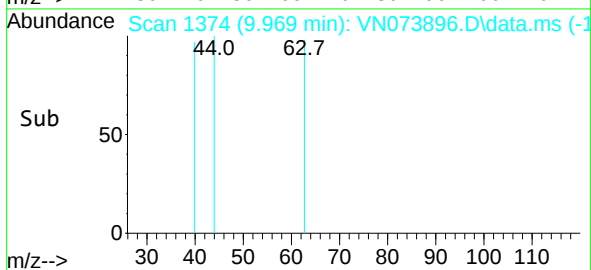
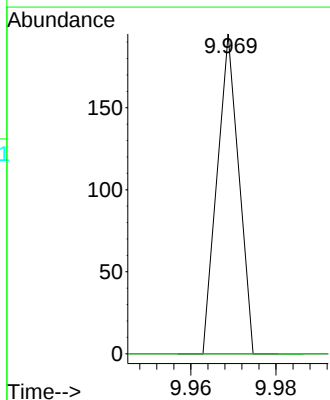
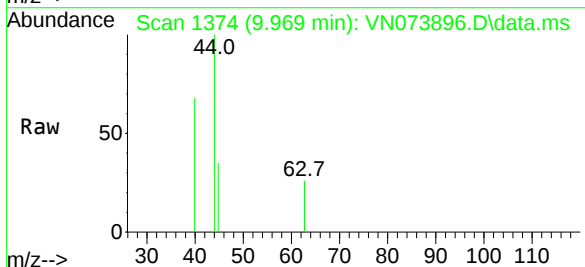
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBL01

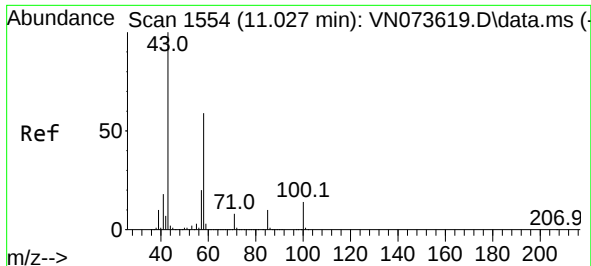
Tgt Ion: 92 Resp: 3526
Ion Ratio Lower Upper
92 100
91 173.3 138.6 207.8



#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 9.969 min Scan# 1374
Delta R.T. -0.011 min
Lab File: VN073896.D
Acq: 15 Aug 2022 15:28

Tgt Ion: 63 Resp: 69
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#

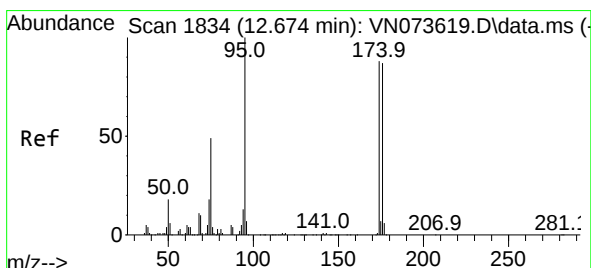
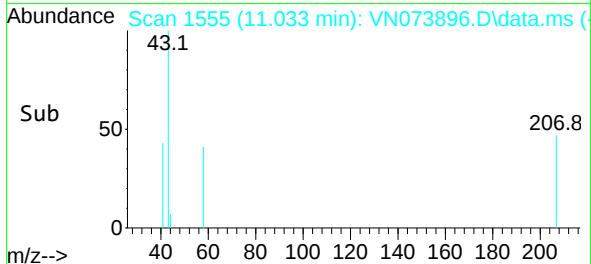
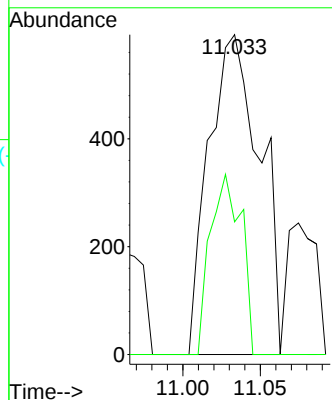
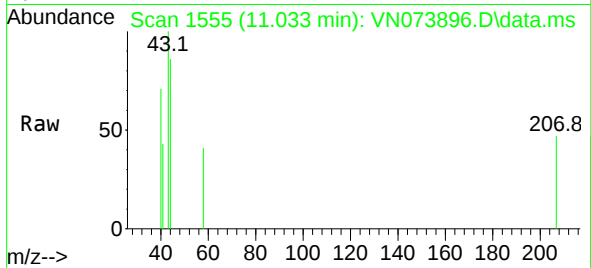




#59
2-Hexanone
Concen: 0.207 ug/l
RT: 11.033 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073896.D
Acq: 15 Aug 2022 15:28

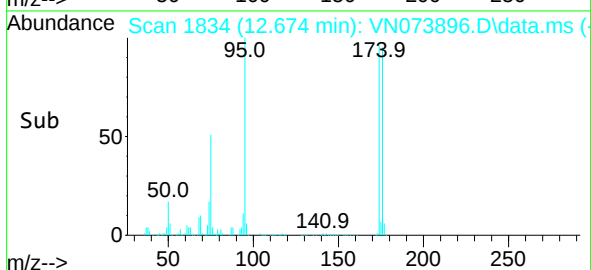
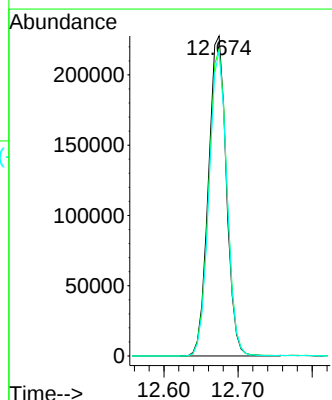
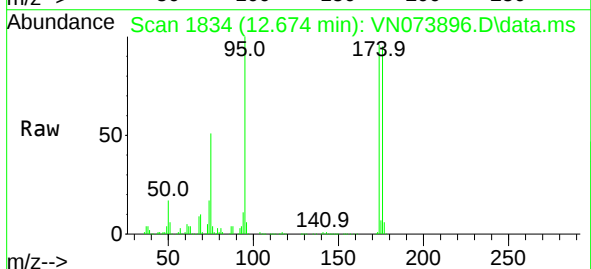
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBL01

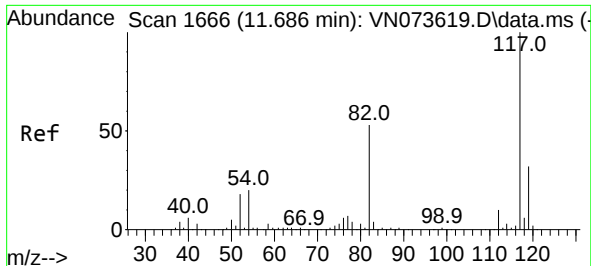
Tgt Ion: 43 Resp: 1358
Ion Ratio Lower Upper
43 100
58 34.4 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 56.834 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073896.D
Acq: 15 Aug 2022 15:28

Tgt Ion: 95 Resp: 383598
Ion Ratio Lower Upper
95 100
174 97.3 0.0 167.6
176 94.6 0.0 163.4

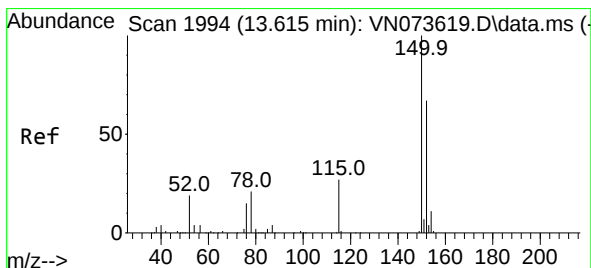
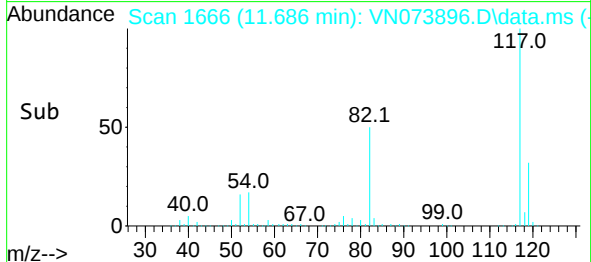
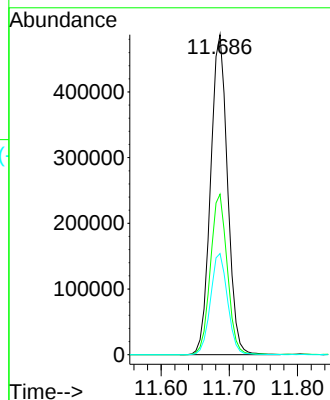
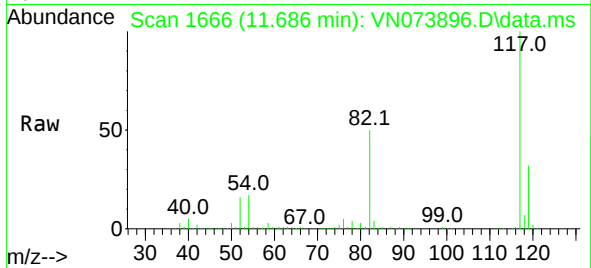




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073896.D
Acq: 15 Aug 2022 15:28

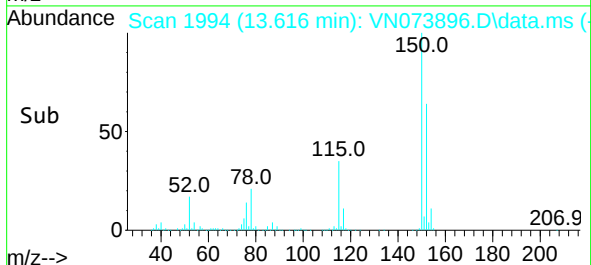
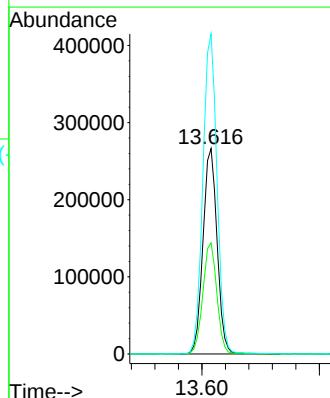
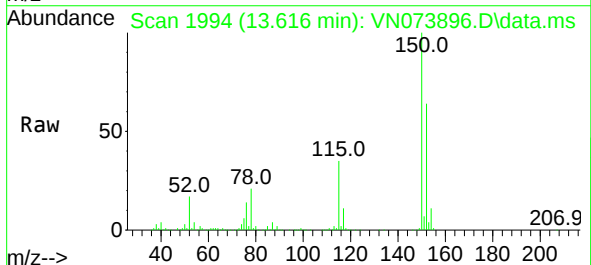
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBL01

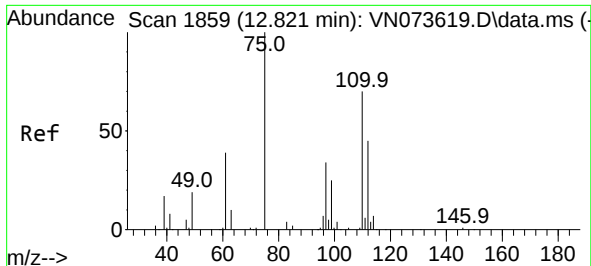
Tgt Ion:117 Resp: 842823
Ion Ratio Lower Upper
117 100
82 50.1 44.2 66.2
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073896.D
Acq: 15 Aug 2022 15:28

Tgt Ion:152 Resp: 443334
Ion Ratio Lower Upper
152 100
115 53.7 28.9 86.7
150 155.9 0.0 356.2

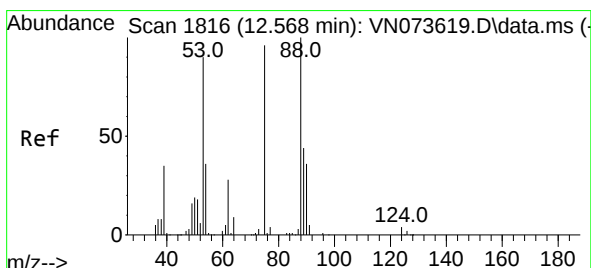
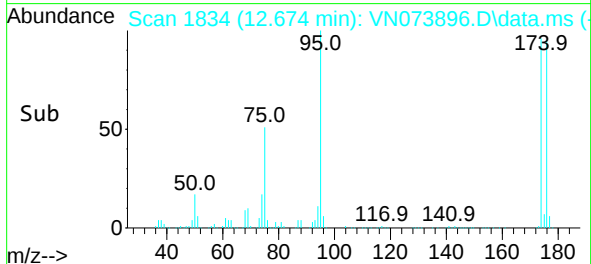
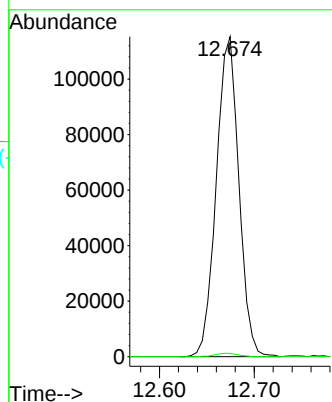
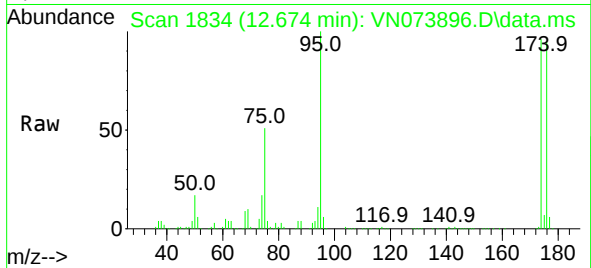




#76
1,2,3-Trichloropropane
Concen: 20.267 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN073896.D
Acq: 15 Aug 2022 15:28

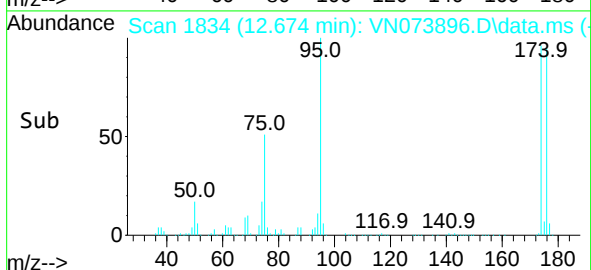
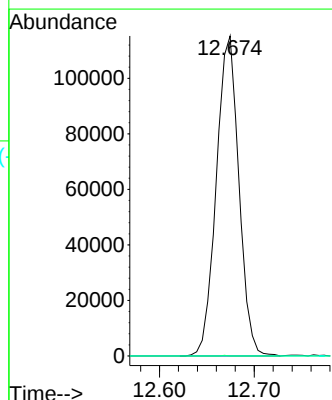
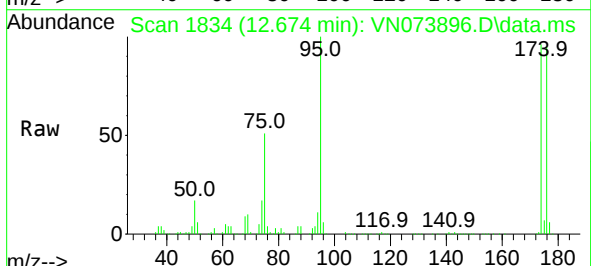
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBL01

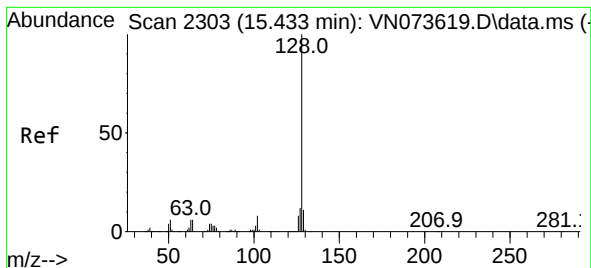
Tgt Ion: 75 Resp: 190848
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.907 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN073896.D
Acq: 15 Aug 2022 15:28

Tgt Ion: 75 Resp: 190848
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#95

Naphthalene

Concen: 0.260 ug/l

RT: 15.439 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073896.D

Acq: 15 Aug 2022 15:28

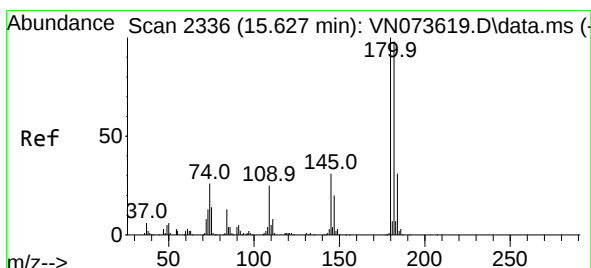
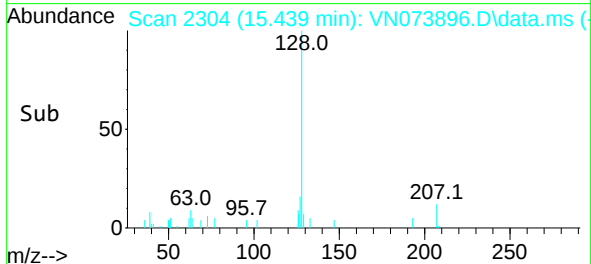
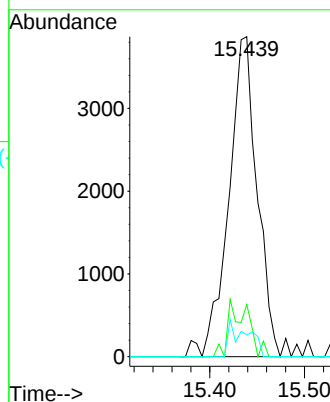
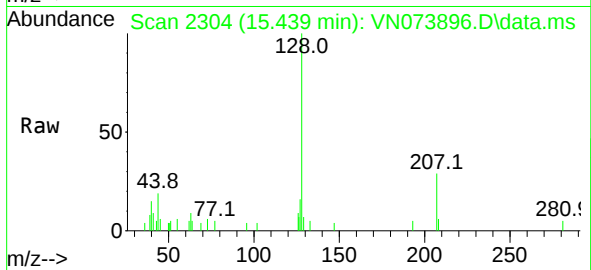
Instrument :

MSVOA_N

ClientSampleId :

VN0815WBL01

Tgt Ion:128	Resp:	8064
Ion Ratio	Lower	Upper
128	100	
127	12.4	10.3 15.5
129	5.2	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 0.205 ug/l

RT: 15.621 min Scan# 2335

Delta R.T. -0.006 min

Lab File: VN073896.D

Acq: 15 Aug 2022 15:28

Tgt Ion:180	Resp:	2015
Ion Ratio	Lower	Upper
180	100	
182	100.4	47.8 143.3
145	25.2	15.5 46.5

