

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042922\
 Data File : VN072261.D
 Acq On : 29 Apr 2022 11:02
 Operator : JC\MD
 Sample : VN0429MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429MBL01

Quant Time: Apr 30 03:11:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

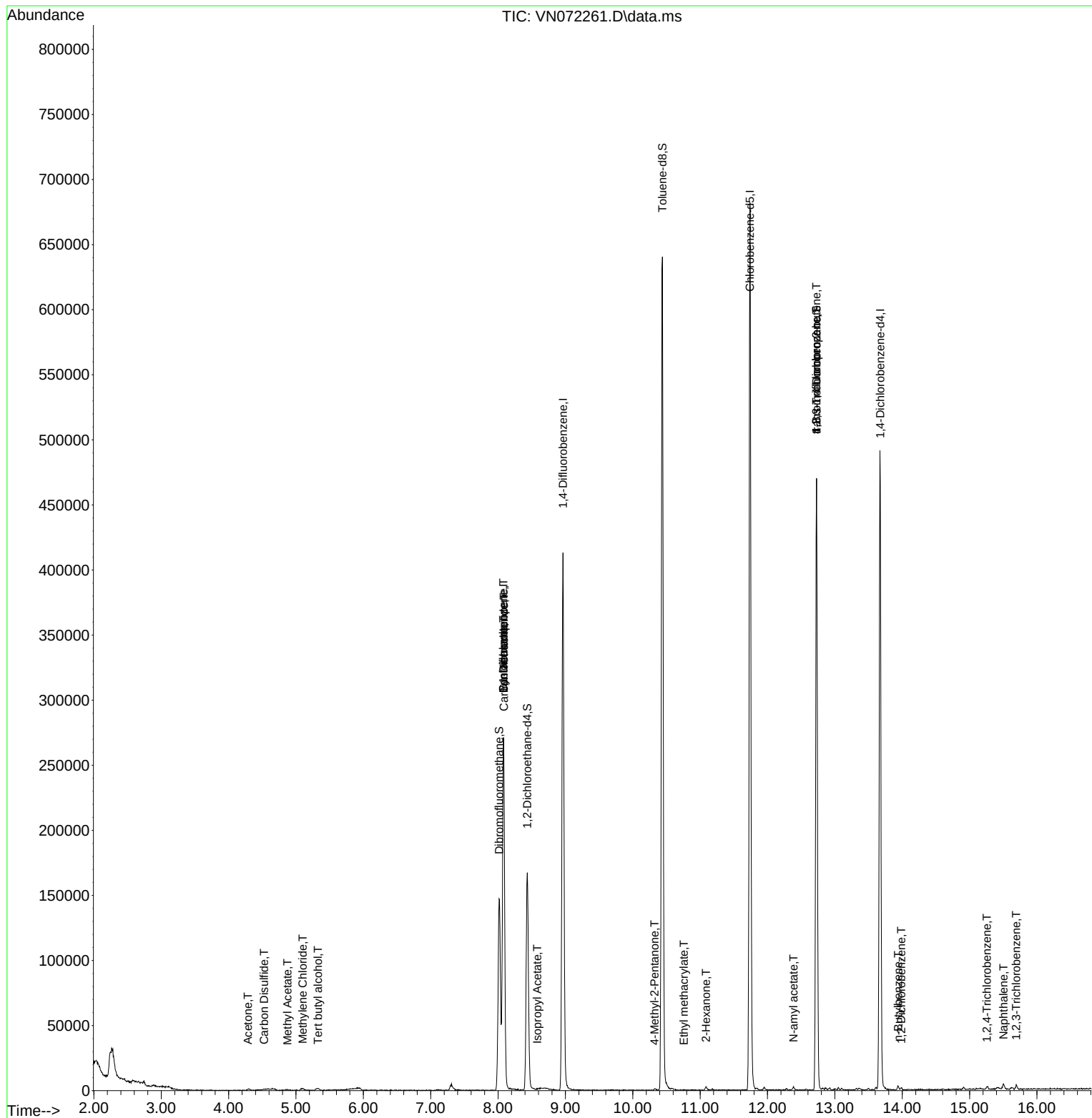
Internal Standards						
1) Pentafluorobenzene	8.081	168	190487	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	341139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	375105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	128267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	154744	52.915	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 105.820%		
35) Dibromofluoromethane	8.016	113	109207	50.015	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 100.040%		
50) Toluene-d8	10.439	98	446700	52.064	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 104.120%		
62) 4-Bromofluorobenzene	12.727	95	169993	59.693	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 119.380%		
Target Compounds						
						Qvalue
3) Chloromethane	2.304	50	1034	Below Cal	#	43
5) Bromomethane	2.881	94	554	Below Cal		89
6) Chloroethane	3.022	64	733	Below Cal		99
11) Tert butyl alcohol	5.328	59	1684	3.504	ug/l #	72
16) Acetone	4.287	43	477	0.378	ug/l #	42
17) Carbon Disulfide	4.528	76	483	0.475	ug/l #	75
18) Methyl Acetate	4.875	43	876	0.209	ug/l #	61
20) Methylene Chloride	5.098	84	718	0.297	ug/l #	65
31) Cyclohexane	8.081	56	4629	1.185	ug/l #	10
36) 1,1-Dichloropropene	8.081	75	16582	5.217	ug/l #	51
38) Carbon Tetrachloride	8.086	117	21588	6.342	ug/l #	16
43) Isopropyl Acetate	8.581	43	519	0.878	ug/l #	53
51) 4-Methyl-2-Pentanone	10.322	43	1399	0.351	ug/l #	65
56) Ethyl methacrylate	10.757	69	73	2.381	ug/l #	28
59) 2-Hexanone	11.086	43	2578	0.919	ug/l	81
74) N-amyl acetate	12.386	43	1750	0.412	ug/l #	68
75) 1,1,2,2-Tetrachloroethane	12.816	83	128	Below Cal	#	56
76) 1,2,3-Trichloropropane	12.727	75	94289	32.682	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	94289	84.997	ug/l #	10
89) n-Butylbenzene	13.939	91	2251	0.349	ug/l	88
91) 1,2-Dichlorobenzene	13.986	146	961	0.225	ug/l	84
93) 1,2,4-Trichlorobenzene	15.257	180	1167	2.982	ug/l #	83
95) Naphthalene	15.504	128	5297	5.028	ug/l	96
96) 1,2,3-Trichlorobenzene	15.692	180	1405	3.349	ug/l	90

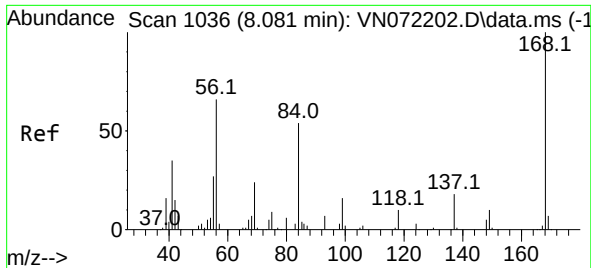
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VN0429MBL01
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0429MBL01

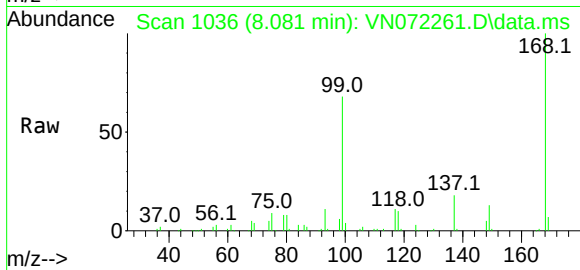
Quant Time: Apr 30 03:11:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
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QLast Update : Tue Apr 26 18:50:11 2022
Response via : Initial Calibration



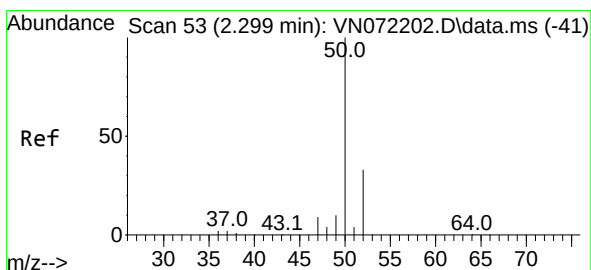
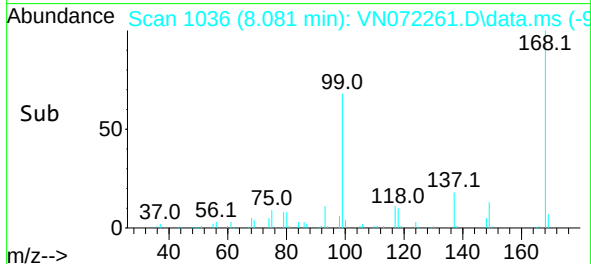
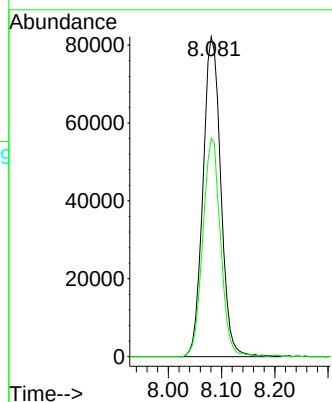


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072261.D
Acq: 29 Apr 2022 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0429MBL01

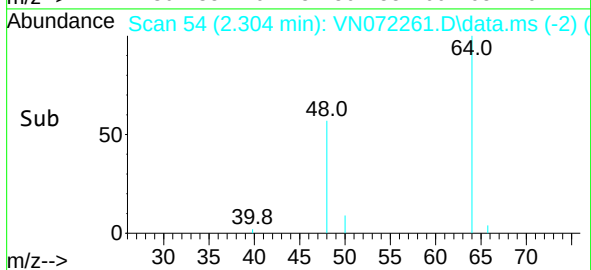
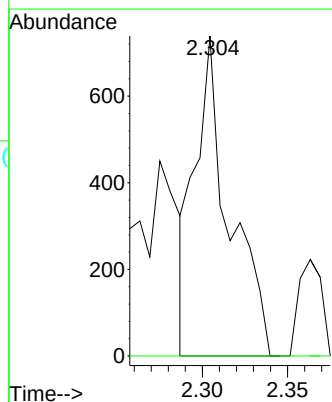
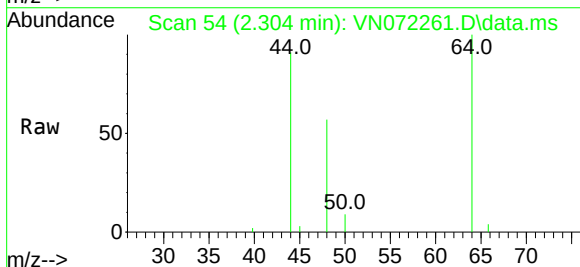


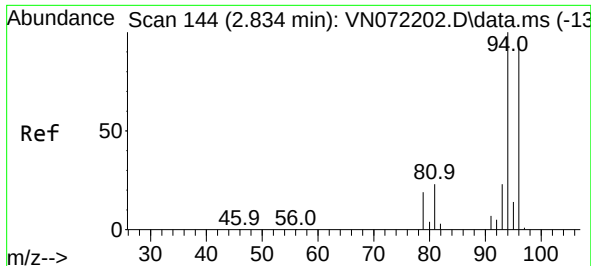
Tgt Ion:168 Resp: 190487
Ion Ratio Lower Upper
168 100
99 68.3 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN072261.D
Acq: 29 Apr 2022 11:02

Tgt Ion: 50 Resp: 1034
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

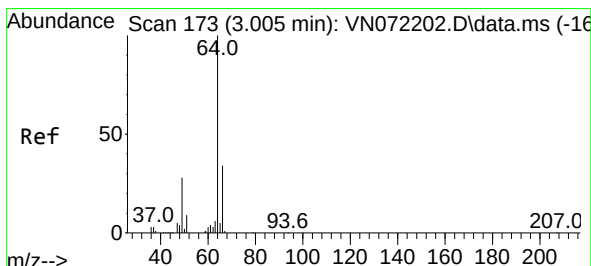
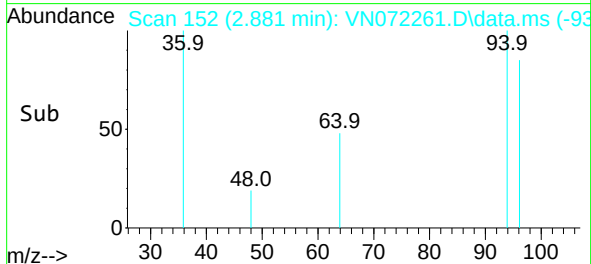
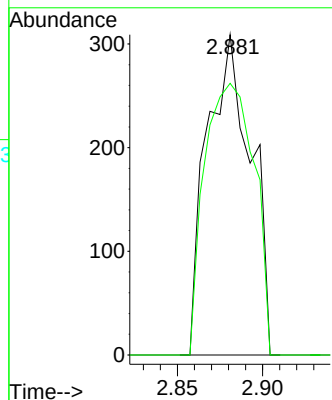
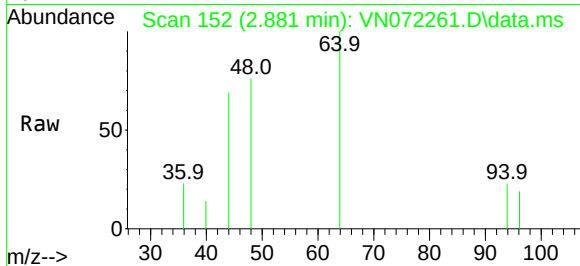




#5
Bromomethane
Concen: Below Cal
RT: 2.881 min Scan# 11
Delta R.T. 0.047 min
Lab File: VN072261.D
Acq: 29 Apr 2022 11:02

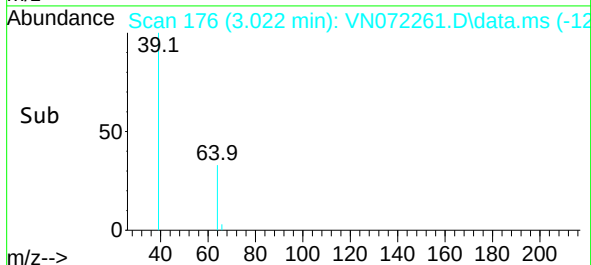
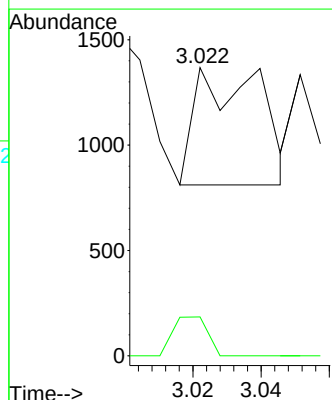
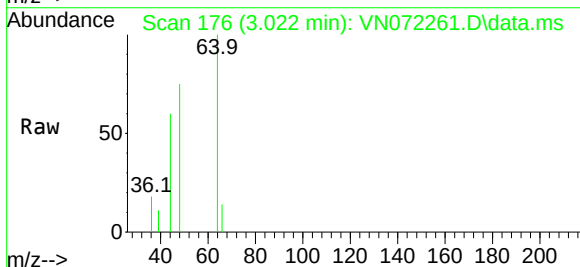
Instrument :
MSVOA_N
ClientSampleId :
VN0429MBL01

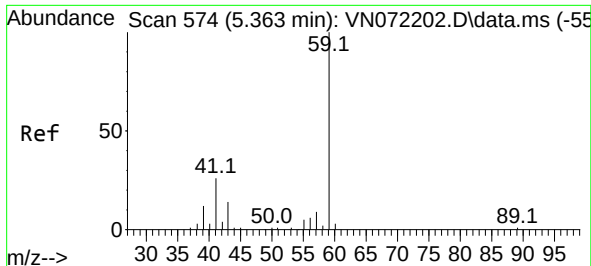
Tgt Ion: 94 Resp: 554
Ion Ratio Lower Upper
94 100
96 84.8 76.0 114.0



#6
Chloroethane
Concen: Below Cal
RT: 3.022 min Scan# 176
Delta R.T. 0.017 min
Lab File: VN072261.D
Acq: 29 Apr 2022 11:02

Tgt Ion: 64 Resp: 733
Ion Ratio Lower Upper
64 100
66 33.2 26.2 39.4

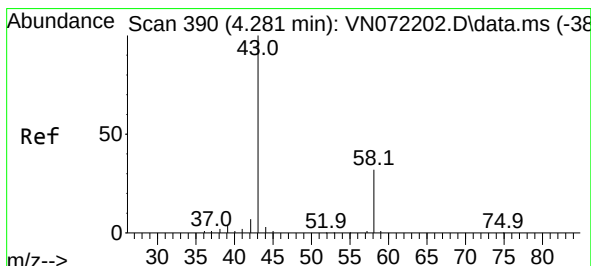
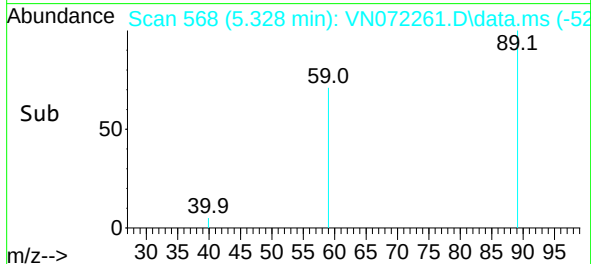
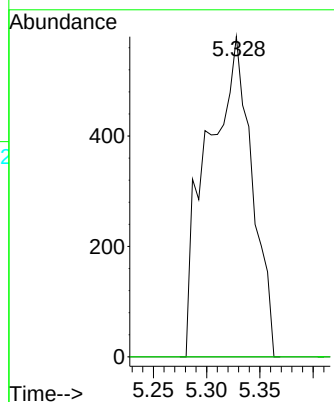
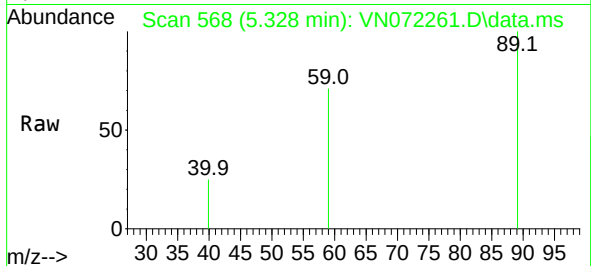




#11
Tert butyl alcohol
Concen: 3.504 ug/l
RT: 5.328 min Scan# 51
Delta R.T. -0.035 min
Lab File: VN072261.D
Acq: 29 Apr 2022 11:02

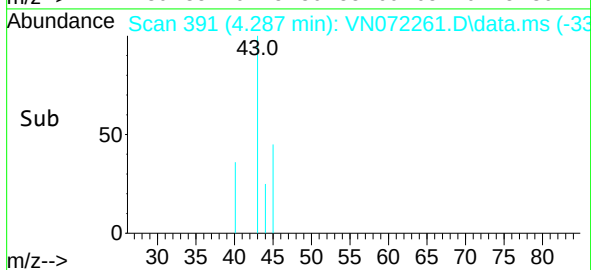
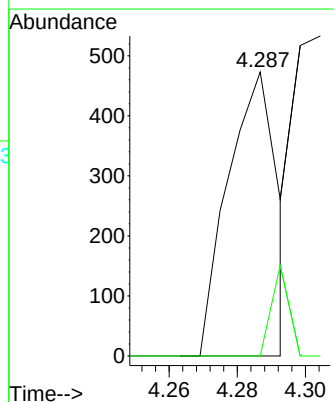
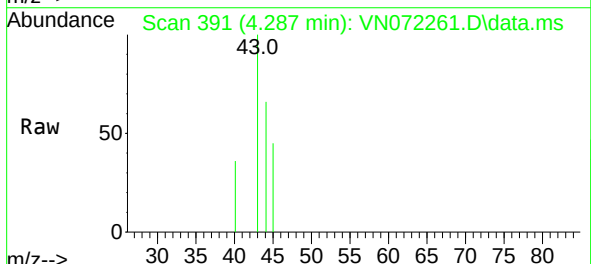
Instrument :
MSVOA_N
ClientSampleId :
VN0429MBL01

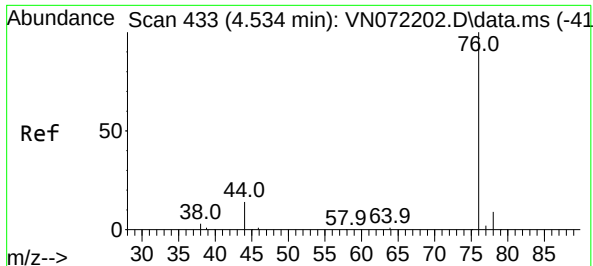
Tgt Ion: 59 Resp: 1684
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 0.378 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072261.D
Acq: 29 Apr 2022 11:02

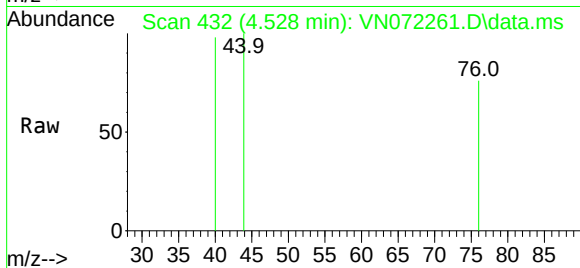
Tgt Ion: 43 Resp: 477
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



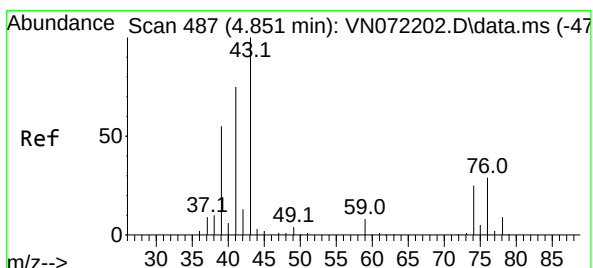
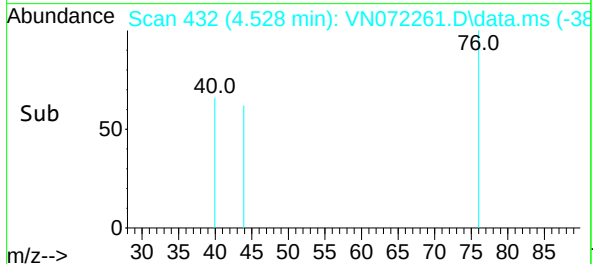
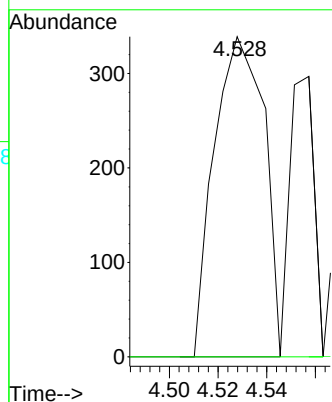


#17
Carbon Disulfide
Concen: 0.475 ug/l
RT: 4.528 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN072261.D
Acq: 29 Apr 2022 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0429MBL01

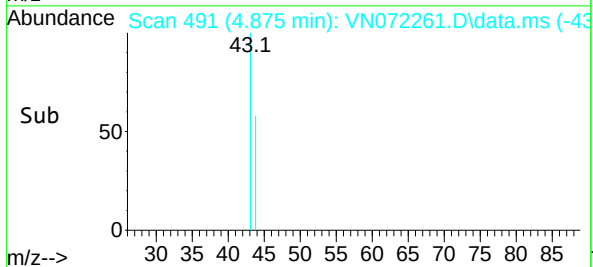
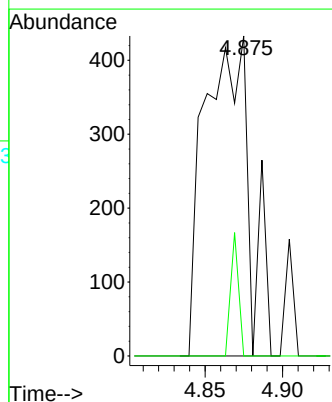
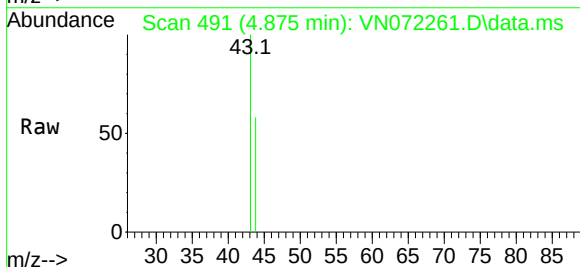


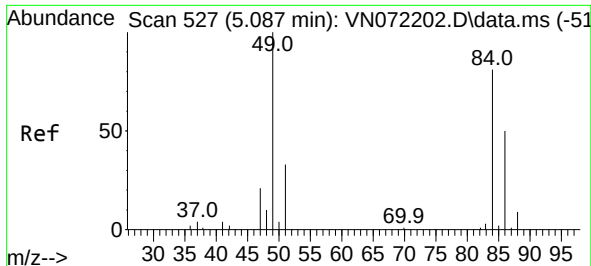
Tgt Ion: 76 Resp: 483
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.209 ug/l
RT: 4.875 min Scan# 491
Delta R.T. 0.024 min
Lab File: VN072261.D
Acq: 29 Apr 2022 11:02

Tgt Ion: 43 Resp: 876
Ion Ratio Lower Upper
43 100
74 6.7 21.6 32.4#



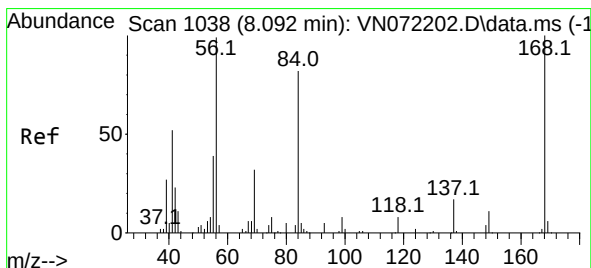
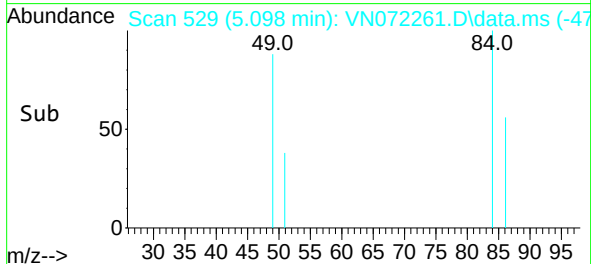
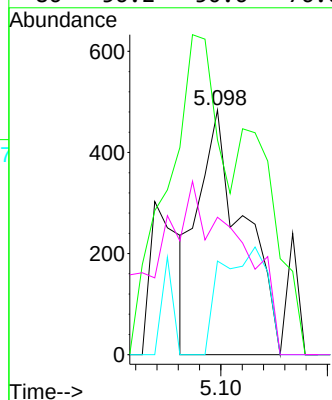
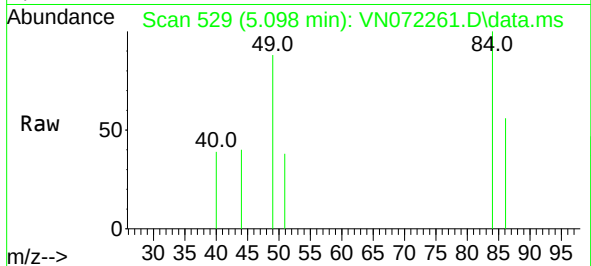


#20
Methylene Chloride
Concen: 0.297 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN072261.D
Acq: 29 Apr 2022 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0429MBL01

Tgt Ion: 84 Resp: 718

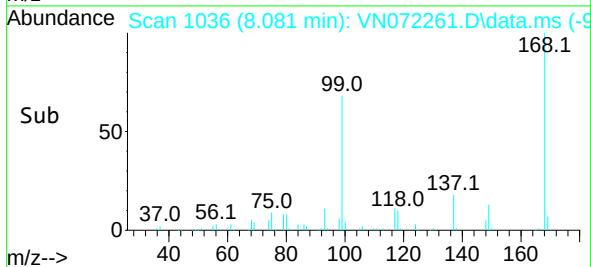
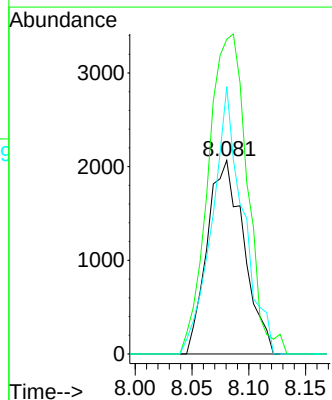
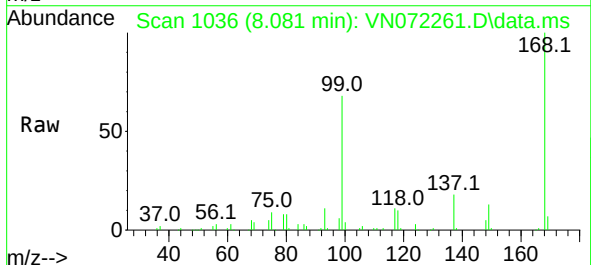
Ion	Ratio	Lower	Upper
84	100		
49	48.6	88.3	132.5#
51	38.2	28.2	42.2
86	56.2	50.6	76.0

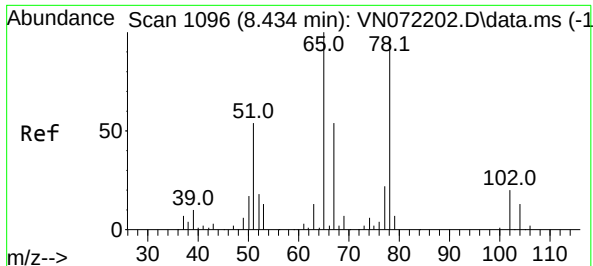


#31
Cyclohexane
Concen: 1.185 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN072261.D
Acq: 29 Apr 2022 11:02

Tgt Ion: 56 Resp: 4629

Ion	Ratio	Lower	Upper
56	100		
69	162.6	27.8	41.8#
84	138.0	76.9	115.3#





#33

1,2-Dichloroethane-d4

Concen: 52.915 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072261.D

Acq: 29 Apr 2022 11:02

Instrument :

MSVOA_N

ClientSampleId :

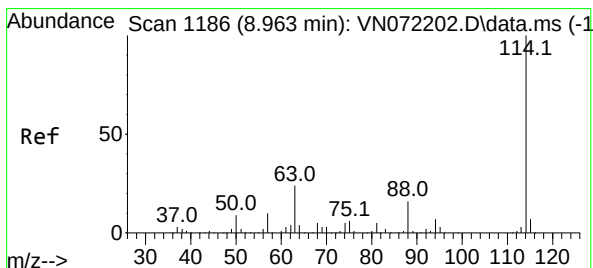
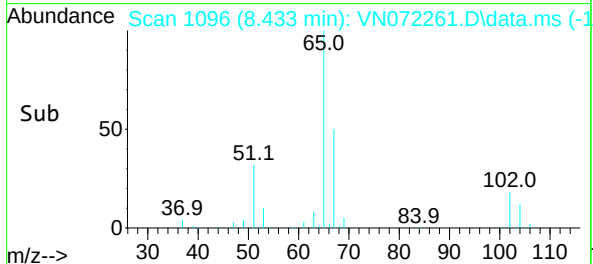
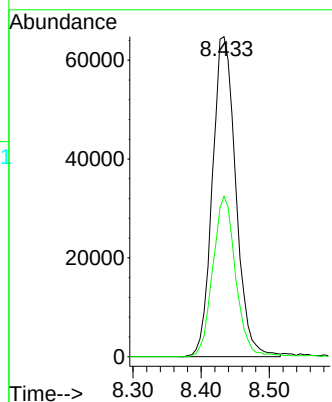
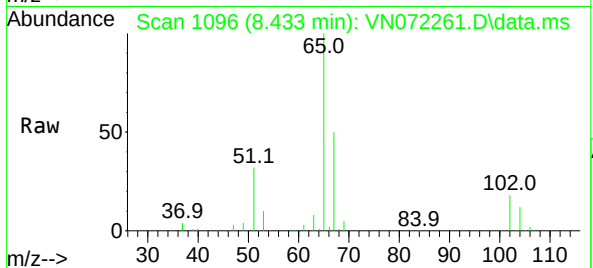
VN0429MBL01

Tgt Ion: 65 Resp: 154744

Ion Ratio Lower Upper

65 100

67 49.0 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072261.D

Acq: 29 Apr 2022 11:02

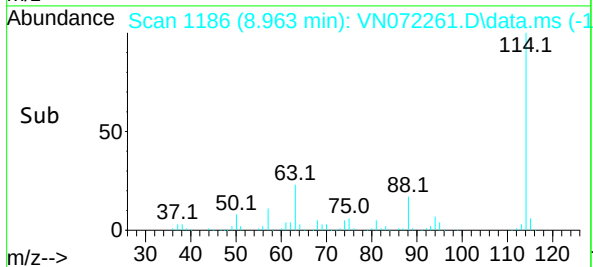
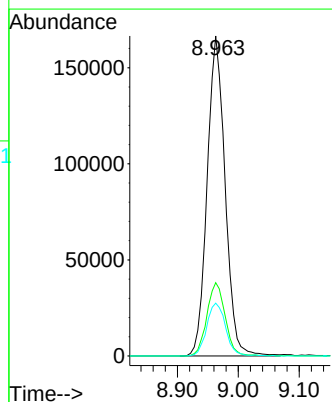
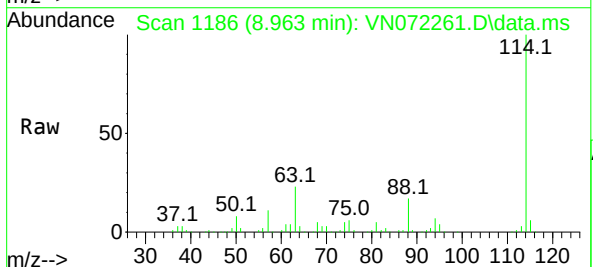
Tgt Ion: 114 Resp: 341139

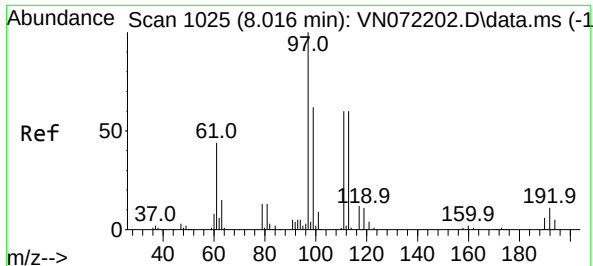
Ion Ratio Lower Upper

114 100

63 22.9 0.0 40.0

88 16.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.015 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072261.D

Acq: 29 Apr 2022 11:02

Instrument :

MSVOA_N

ClientSampleId :

VN0429MBL01

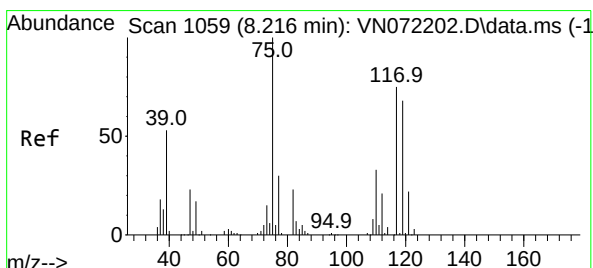
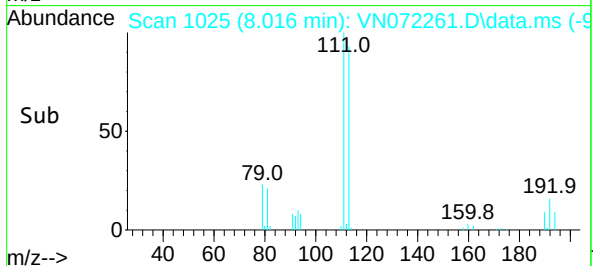
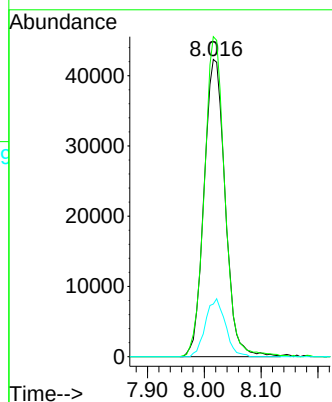
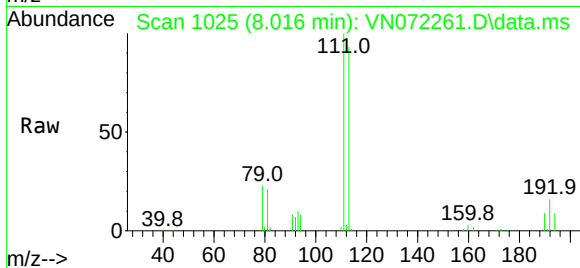
Tgt Ion:113 Resp: 109207

Ion Ratio Lower Upper

113 100

111 104.3 81.4 122.0

192 18.4 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.217 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN072261.D

Acq: 29 Apr 2022 11:02

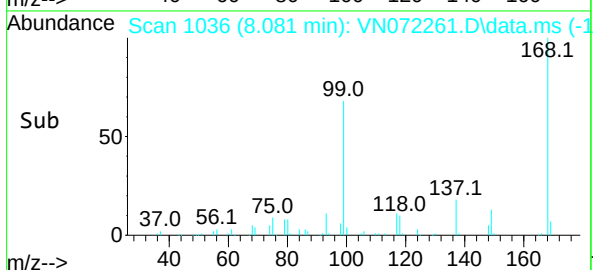
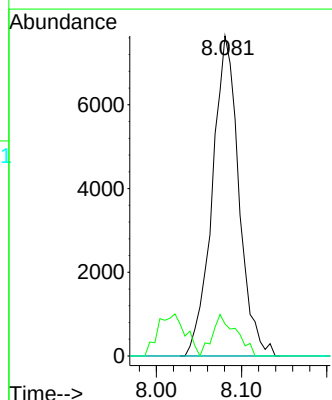
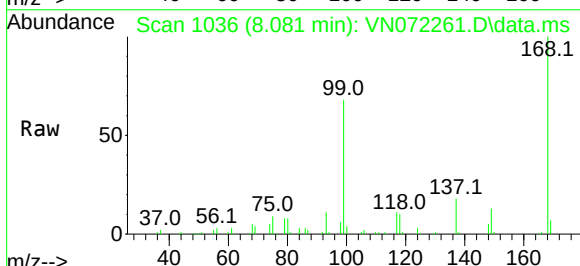
Tgt Ion: 75 Resp: 16582

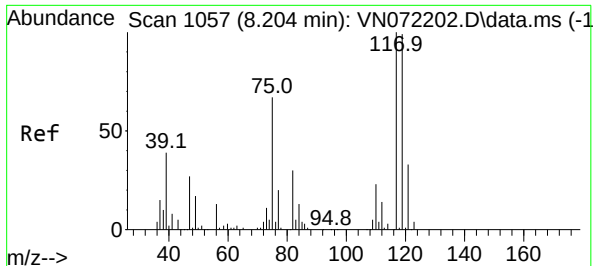
Ion Ratio Lower Upper

75 100

110 11.5 18.3 54.8#

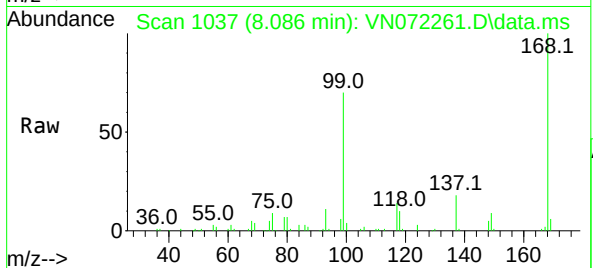
77 0.0 25.1 37.7#



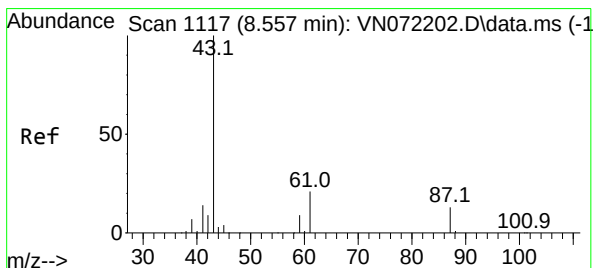
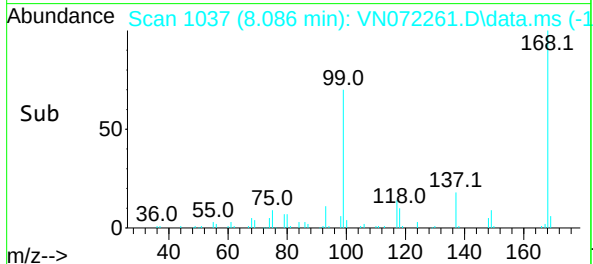
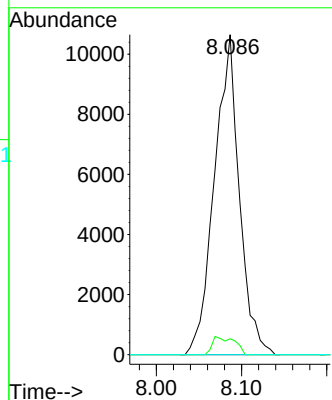


#38
Carbon Tetrachloride
Concen: 6.342 ug/l
RT: 8.086 min Scan# 110
Delta R.T. -0.118 min
Lab File: VN072261.D
Acq: 29 Apr 2022 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0429MBL01

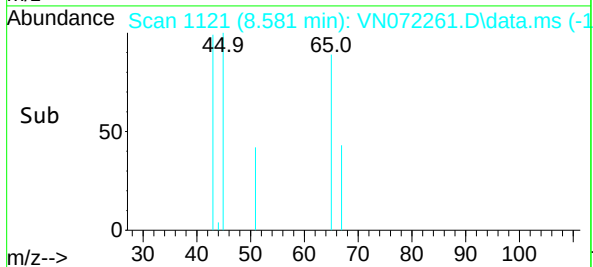
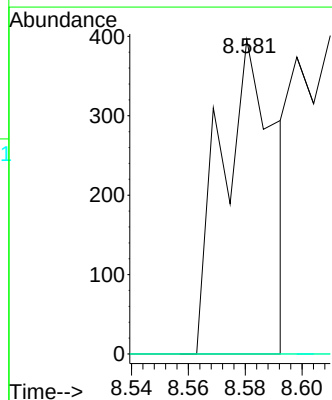
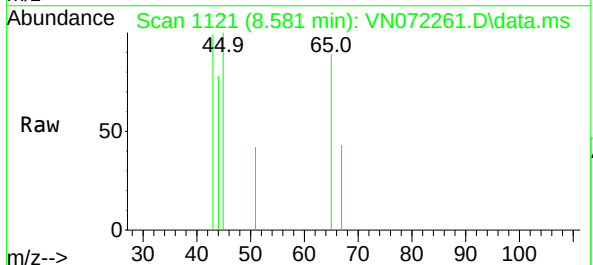


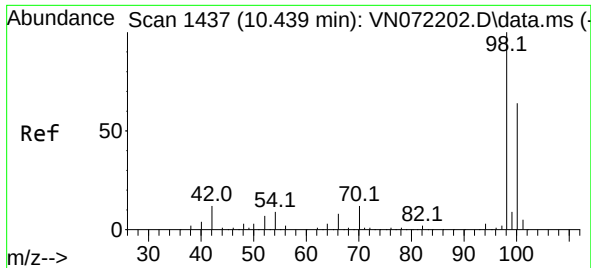
Tgt Ion: 117 Resp: 21588
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.878 ug/l
RT: 8.581 min Scan# 1121
Delta R.T. 0.024 min
Lab File: VN072261.D
Acq: 29 Apr 2022 11:02

Tgt Ion: 43 Resp: 519
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

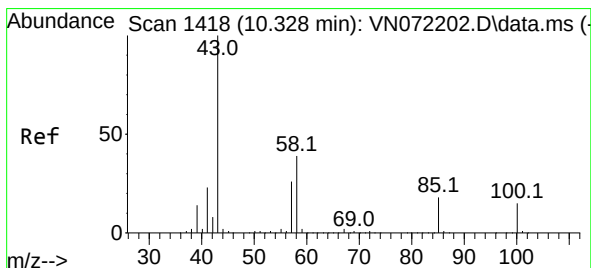
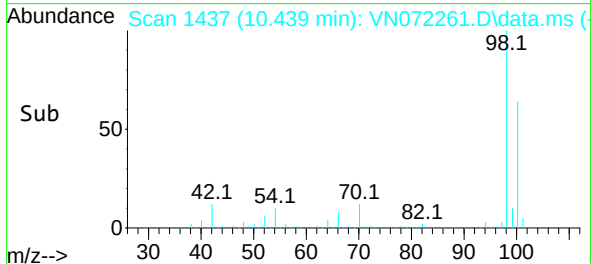
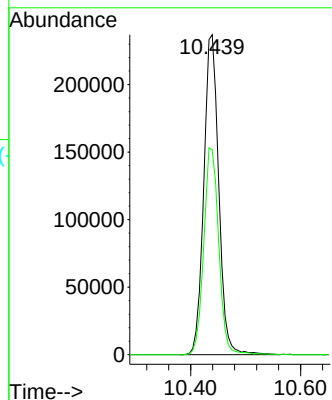
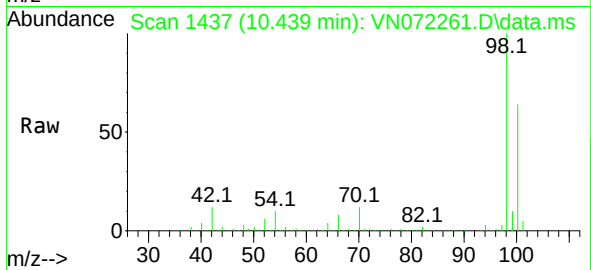




#50
Toluene-d8
Concen: 52.064 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072261.D
Acq: 29 Apr 2022 11:02

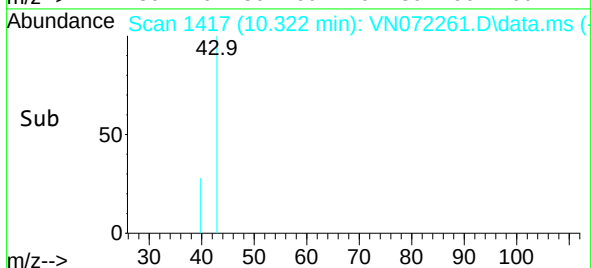
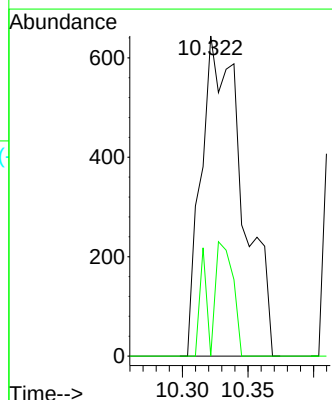
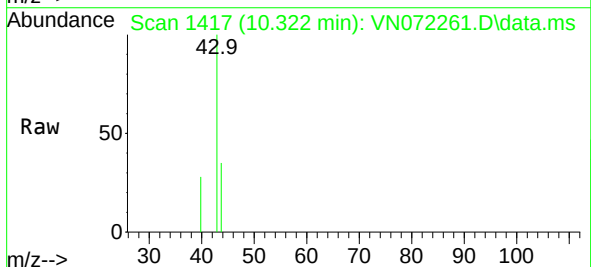
Instrument :
MSVOA_N
ClientSampleId :
VN0429MBL01

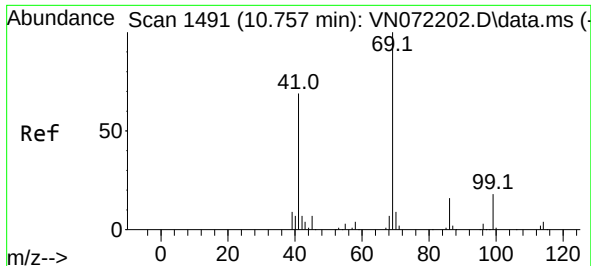
Tgt Ion: 98 Resp: 446700
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.351 ug/l
RT: 10.322 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN072261.D
Acq: 29 Apr 2022 11:02

Tgt Ion: 43 Resp: 1399
Ion Ratio Lower Upper
43 100
58 20.6 34.1 51.1#

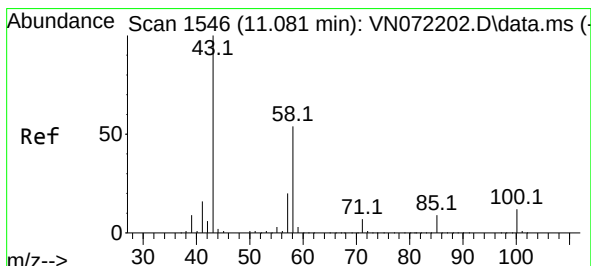
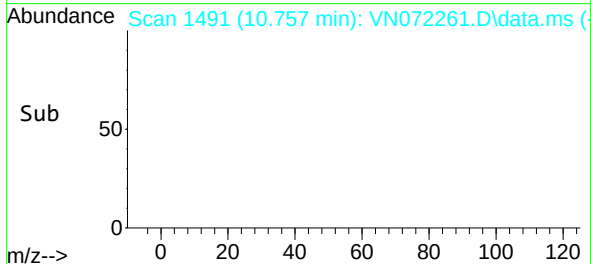
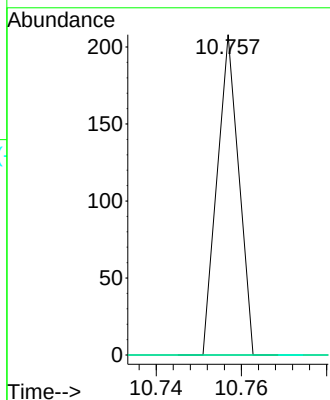
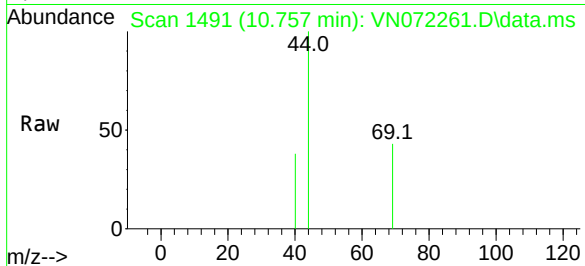




#56
Ethyl methacrylate
Concen: 2.381 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072261.D
Acq: 29 Apr 2022 11:02

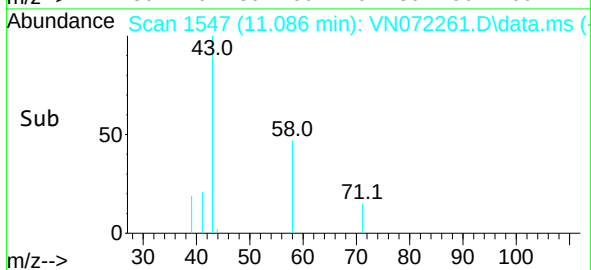
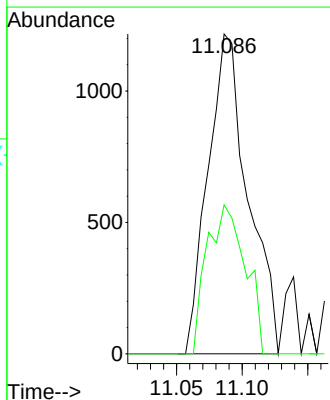
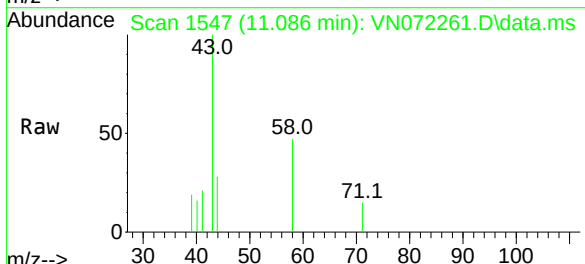
Instrument :
MSVOA_N
ClientSampleId :
VN0429MBL01

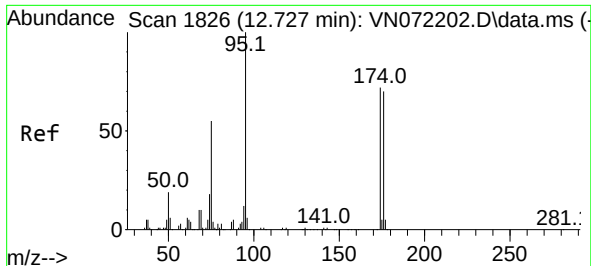
Tgt Ion: 69 Resp: 73
Ion Ratio Lower Upper
69 100
41 0.0 47.8 71.6#
39 0.0 27.3 40.9#



#59
2-Hexanone
Concen: 0.919 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.005 min
Lab File: VN072261.D
Acq: 29 Apr 2022 11:02

Tgt Ion: 43 Resp: 2578
Ion Ratio Lower Upper
43 100
58 44.8 29.7 89.1

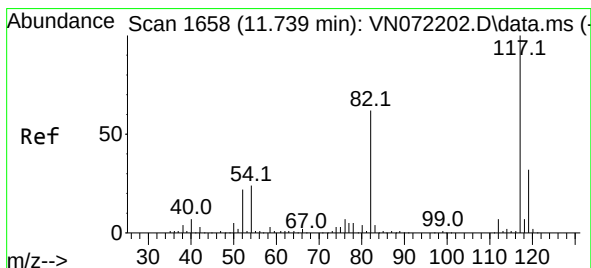
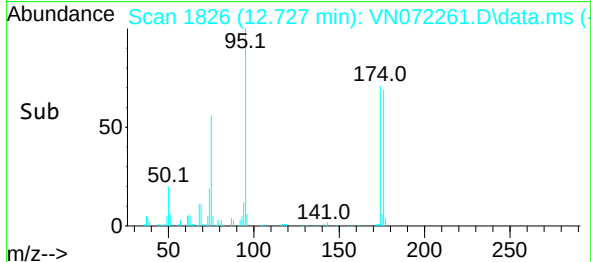
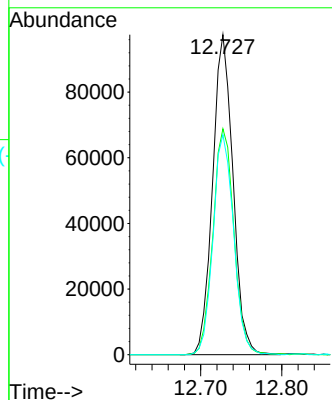
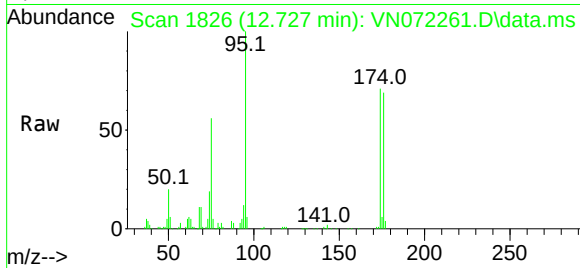




#62
4-Bromofluorobenzene
Concen: 59.693 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072261.D
Acq: 29 Apr 2022 11:02

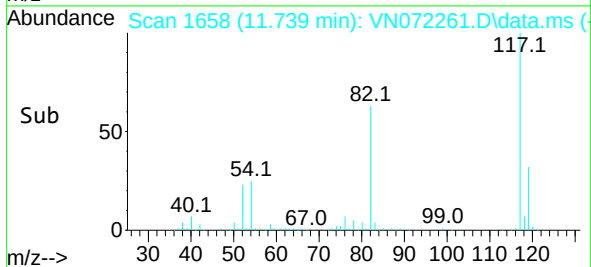
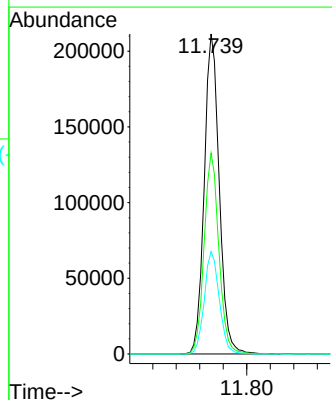
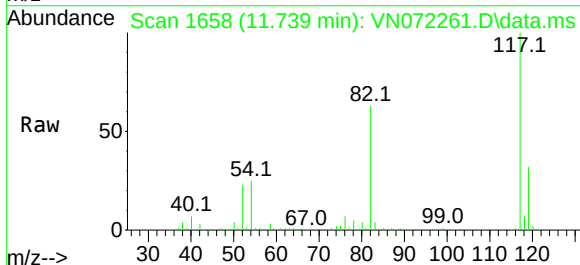
Instrument :
MSVOA_N
ClientSampleId :
VN0429MBL01

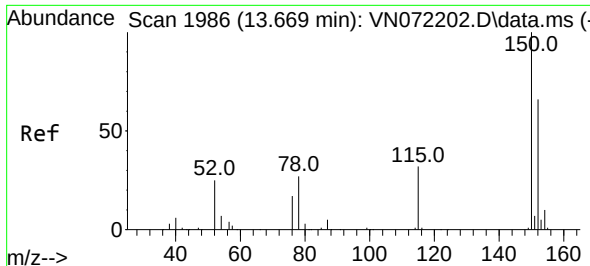
Tgt Ion: 95 Resp: 169993
Ion Ratio Lower Upper
95 100
174 72.7 0.0 167.6
176 69.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072261.D
Acq: 29 Apr 2022 11:02

Tgt Ion: 117 Resp: 375105
Ion Ratio Lower Upper
117 100
82 62.8 44.2 66.2
119 32.0 25.4 38.0

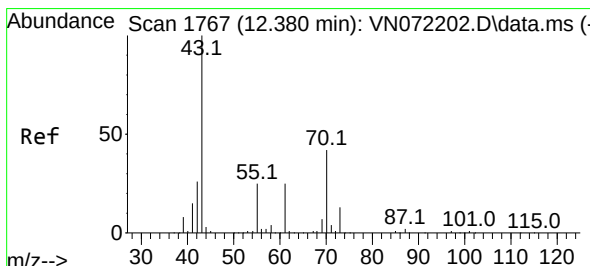
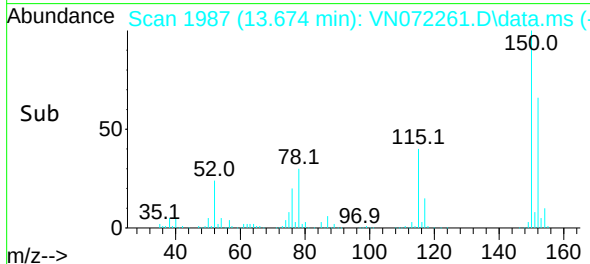
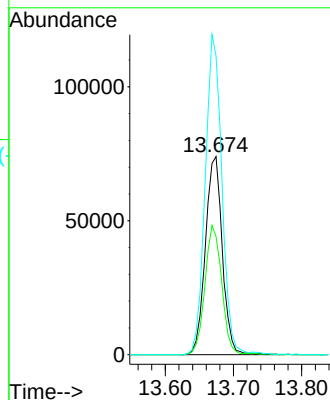
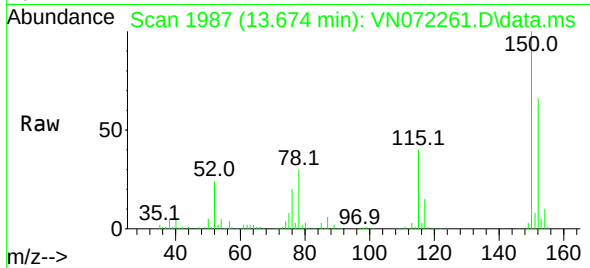




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1986
Delta R.T. 0.005 min
Lab File: VN072261.D
Acq: 29 Apr 2022 11:02

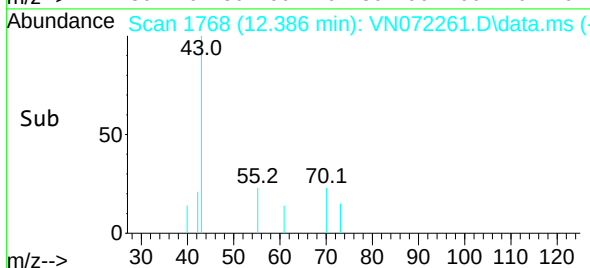
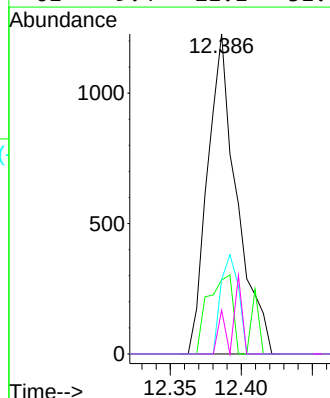
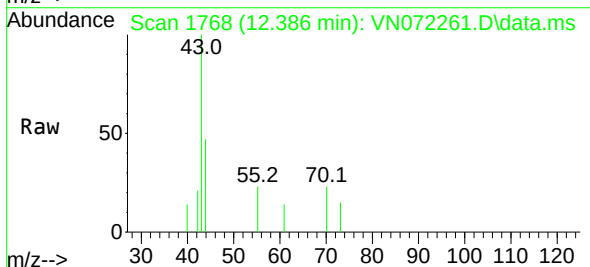
Instrument :
MSVOA_N
ClientSampleId :
VN0429MBL01

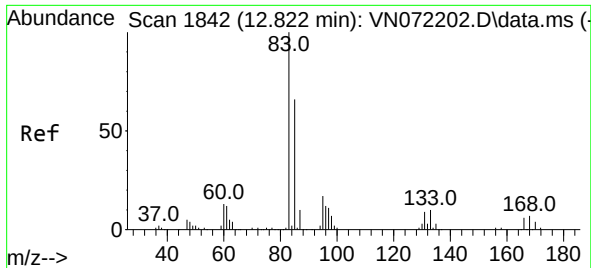
Tgt Ion:152 Resp: 128267
Ion Ratio Lower Upper
152 100
115 64.8 28.9 86.7
150 159.0 0.0 356.2



#74
N-ethyl acetate
Concen: 0.412 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN072261.D
Acq: 29 Apr 2022 11:02

Tgt Ion: 43 Resp: 1750
Ion Ratio Lower Upper
43 100
70 20.8 39.0 58.4#
55 18.7 21.1 31.7#
61 9.4 21.1 31.7#

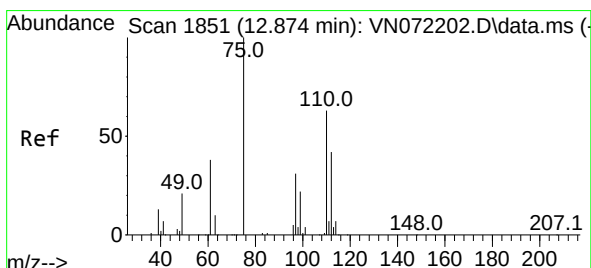
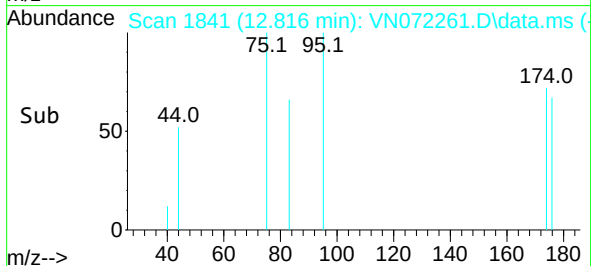
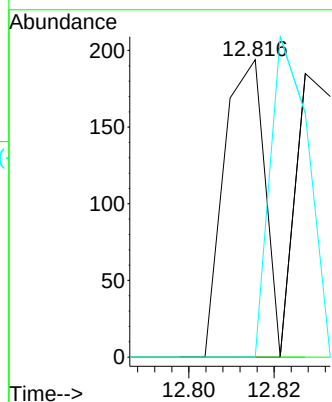
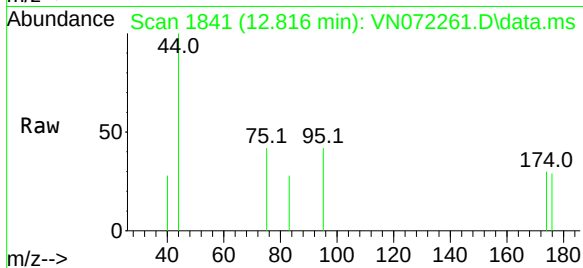




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.816 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VN072261.D
Acq: 29 Apr 2022 11:02

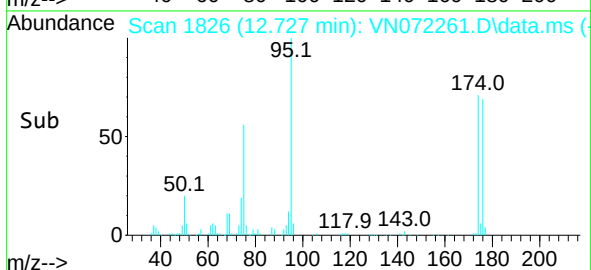
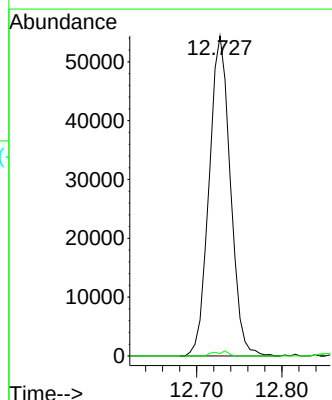
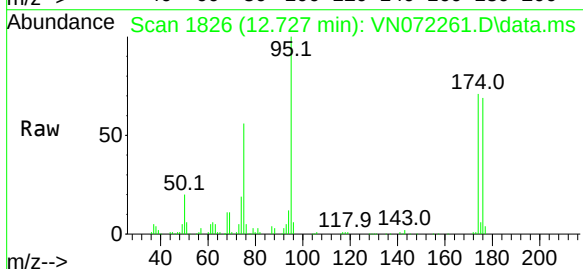
Instrument :
MSVOA_N
ClientSampleId :
VN0429MBL01

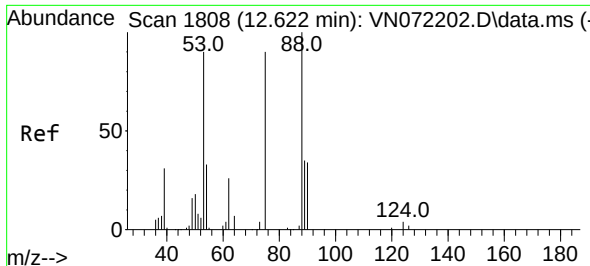
Tgt Ion: 83 Resp: 128
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 101.6 32.3 96.9#



#76
1,2,3-Trichloropropane
Concen: 32.682 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072261.D
Acq: 29 Apr 2022 11:02

Tgt Ion: 75 Resp: 94289
Ion Ratio Lower Upper
75 100
77 1.0 98.5 295.5#

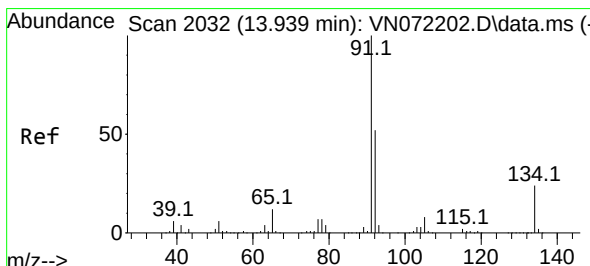
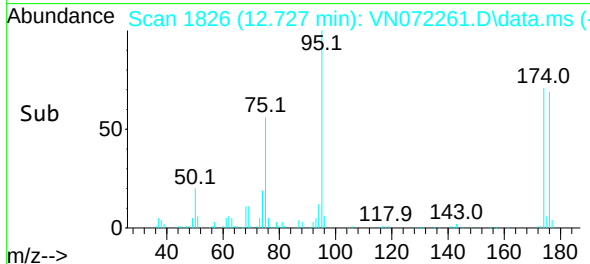
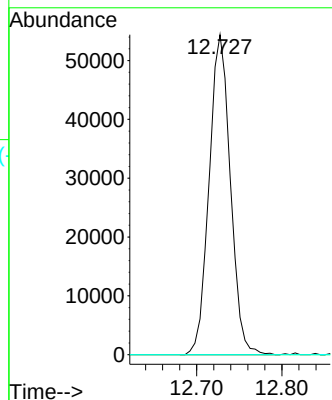
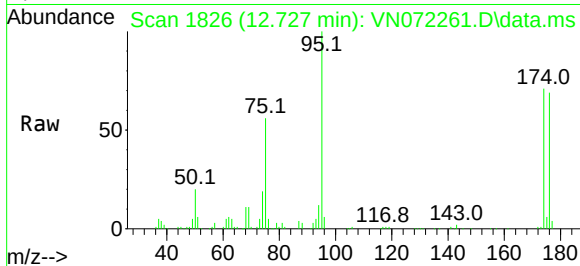




#81
trans-1,4-Dichloro-2-butene
Concen: 84.997 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN072261.D
Acq: 29 Apr 2022 11:02

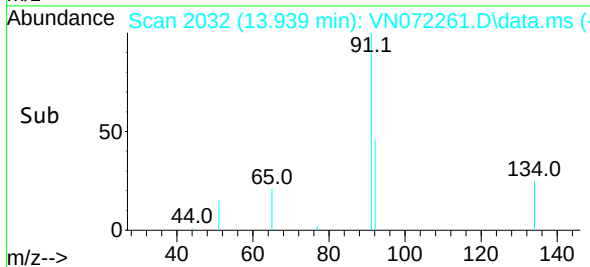
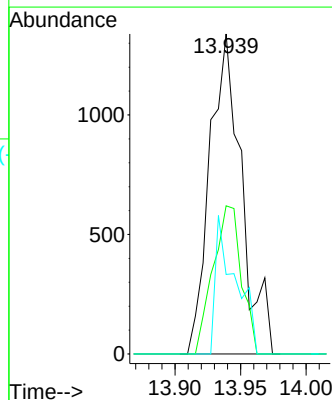
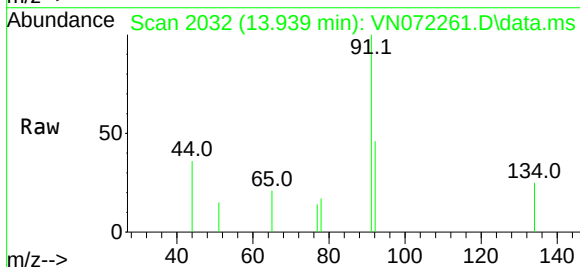
Instrument :
MSVOA_N
ClientSampleId :
VN0429MBL01

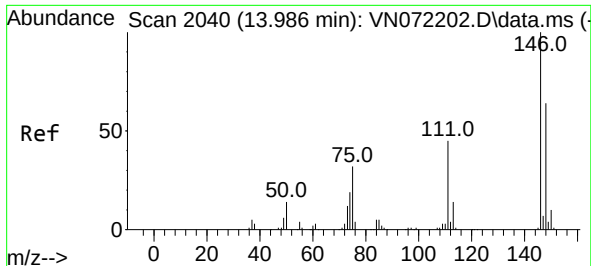
Tgt Ion: 75 Resp: 94289
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#89
n-Butylbenzene
Concen: 0.349 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072261.D
Acq: 29 Apr 2022 11:02

Tgt Ion: 91 Resp: 2251
Ion Ratio Lower Upper
91 100
92 41.4 26.9 80.7
134 27.6 13.6 40.8

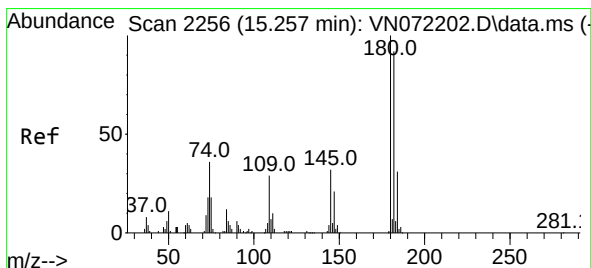
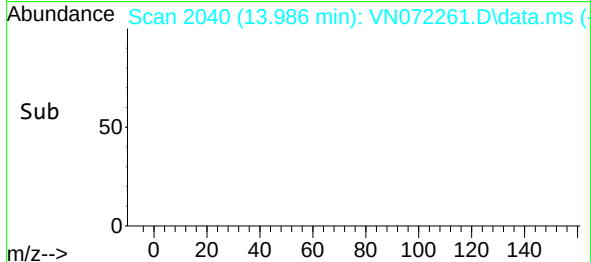
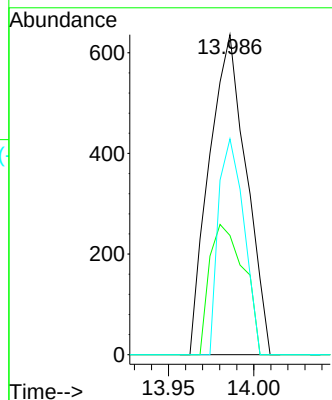
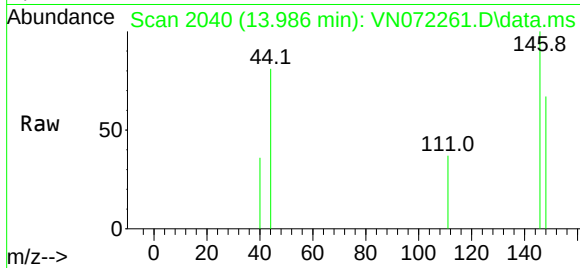




#91
1,2-Dichlorobenzene
Concen: 0.225 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN072261.D
Acq: 29 Apr 2022 11:02

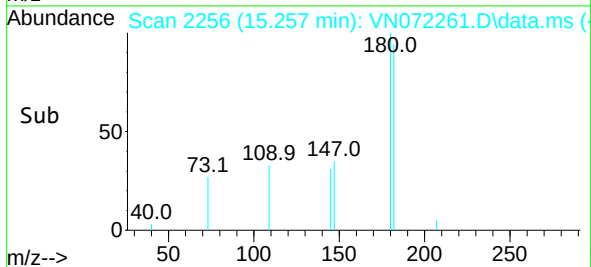
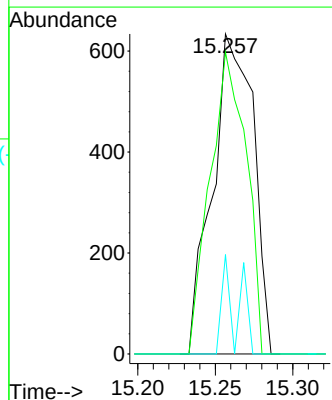
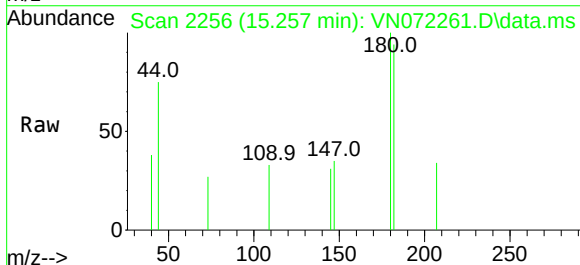
Instrument :
MSVOA_N
ClientSampleId :
VN0429MBL01

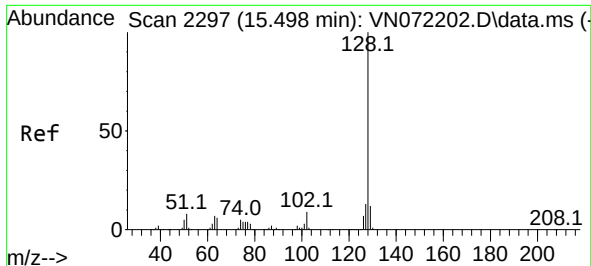
Tgt Ion:146 Resp: 961
Ion Ratio Lower Upper
146 100
111 37.8 20.9 62.8
148 46.4 32.1 96.3



#93
1,2,4-Trichlorobenzene
Concen: 2.982 ug/l
RT: 15.257 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VN072261.D
Acq: 29 Apr 2022 11:02

Tgt Ion:180 Resp: 1167
Ion Ratio Lower Upper
180 100
182 83.4 47.5 142.5
145 11.4 14.5 43.5#

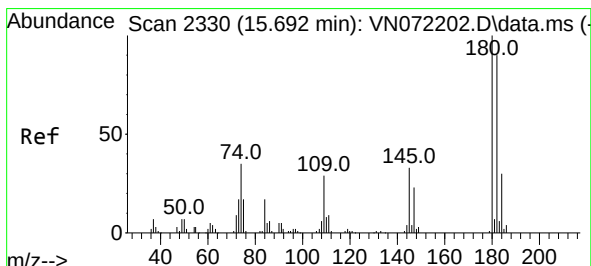
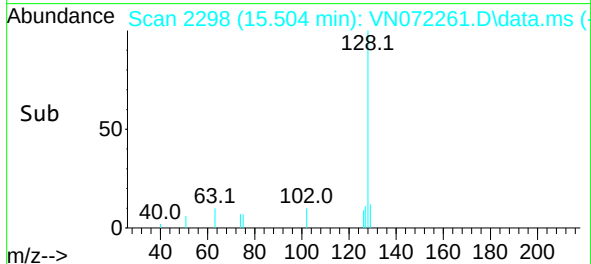
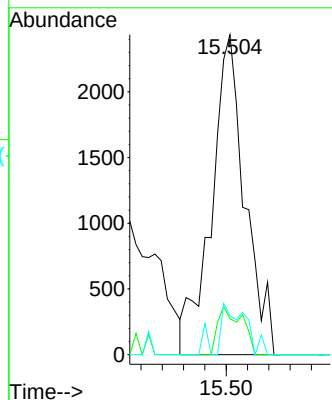
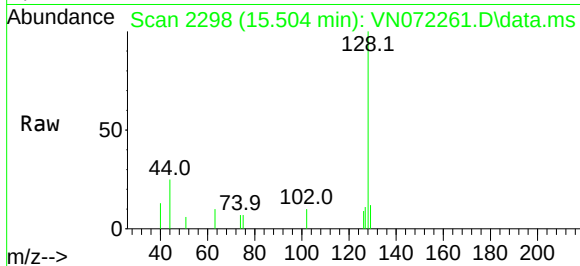




#95
Naphthalene
Concen: 5.028 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072261.D
Acq: 29 Apr 2022 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0429MBL01

Tgt Ion:128	Resp:	5297
Ion Ratio	Lower	Upper
128	100	
127	10.8	10.3 15.5
129	11.3	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 3.349 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN072261.D
Acq: 29 Apr 2022 11:02

Tgt Ion:180	Resp:	1405
Ion Ratio	Lower	Upper
180	100	
182	102.0	47.8 143.3
145	20.9	15.5 46.5

