

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050222\
 Data File : VN072298.D
 Acq On : 02 May 2022 16:15
 Operator : JC\MD
 Sample : N2624-01DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 03 03:12:46 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)

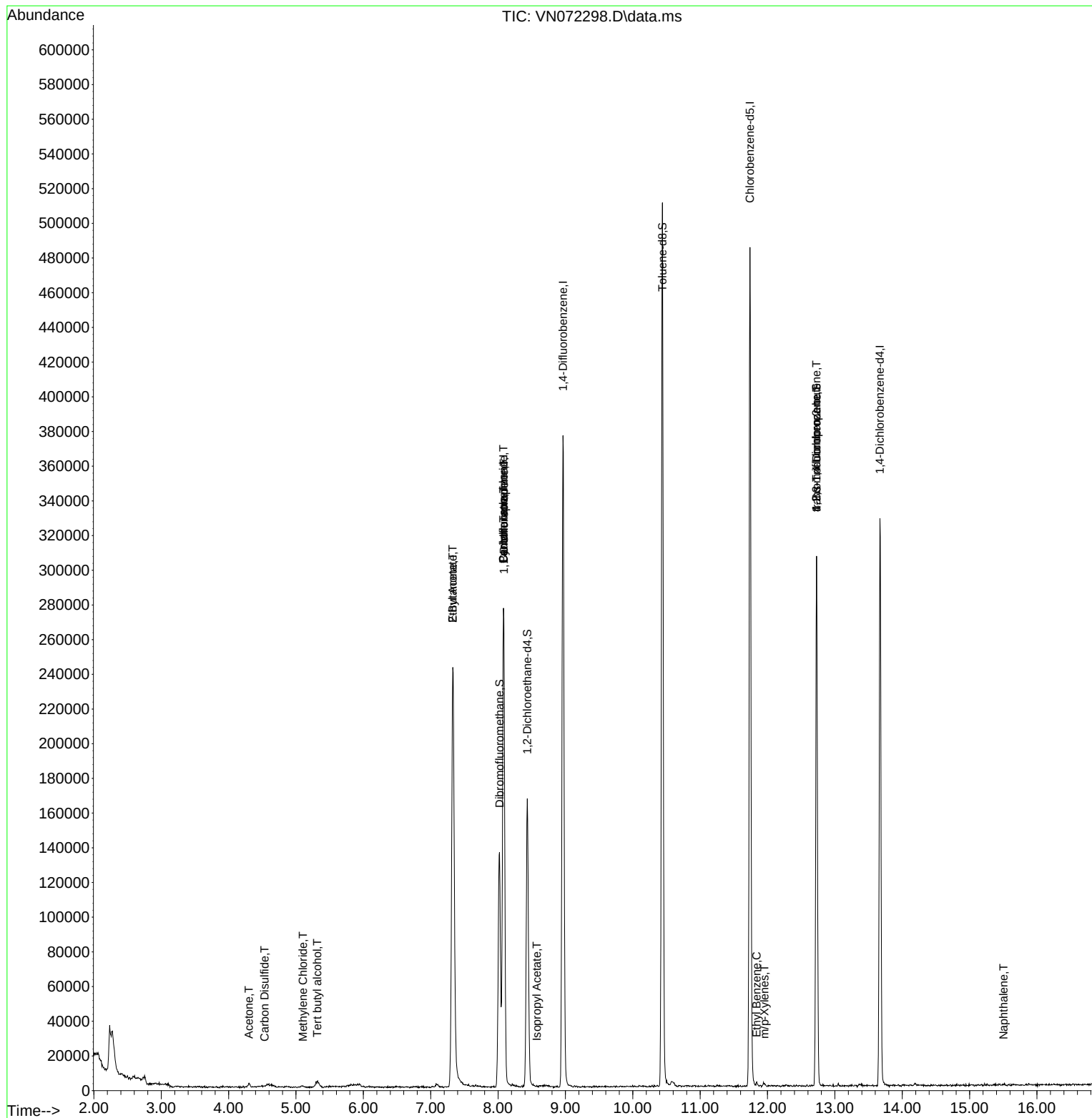
Internal Standards						
1) Pentafluorobenzene	8.081	168	192661	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	310703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	269925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	86042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	151112	51.090	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 102.180%		
35) Dibromofluoromethane	8.022	113	96406	48.478	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 96.960%		
50) Toluene-d8	10.439	98	341679	43.725	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 87.440%		
62) 4-Bromofluorobenzene	12.727	95	104840	40.421	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 80.840%		
Target Compounds						
						Qvalue
3) Chloromethane	2.299	50	968	Below Cal	#	43
5) Bromomethane	2.863	94	205	Below Cal	#	2
6) Chloroethane	2.993	64	366	Below Cal	#	42
11) Tert butyl alcohol	5.316	59	3440	7.077	ug/l #	72
16) Acetone	4.298	43	1673	1.312	ug/l #	65
17) Carbon Disulfide	4.534	76	199	0.409	ug/l #	75
18) Methyl Acetate	4.840	43	86	Below Cal	#	48
20) Methylene Chloride	5.104	84	814	0.333	ug/l #	59
25) 2-Butanone	7.328	43	406631	200.225	ug/l	96
31) Cyclohexane	8.081	56	4743	1.200	ug/l #	23
36) 1,1-Dichloropropene	8.086	75	17462	6.033	ug/l #	49
37) Ethyl Acetate	7.328	43	406631	105.779	ug/l #	67
38) Carbon Tetrachloride	8.081	117	23046	7.434	ug/l #	15
43) Isopropyl Acetate	8.575	43	326	0.854	ug/l #	53
67) Ethyl Benzene	11.839	91	2101	0.221	ug/l #	76
68) m/p-Xylenes	11.957	106	755	0.214	ug/l #	68
76) 1,2,3-Trichloropropane	12.727	75	61497	31.798	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	61497	82.642	ug/l #	10
95) Naphthalene	15.504	128	784	4.460	ug/l #	69

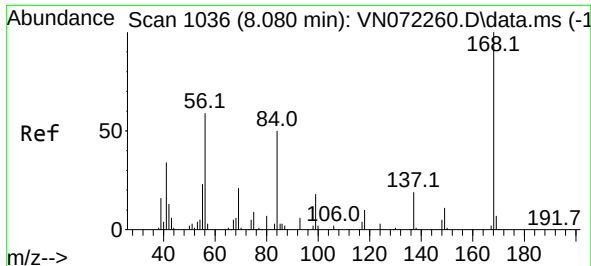
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 26 18:50:11 2022
Response via : Initial Calibration

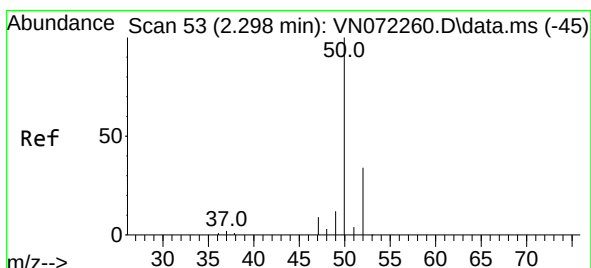
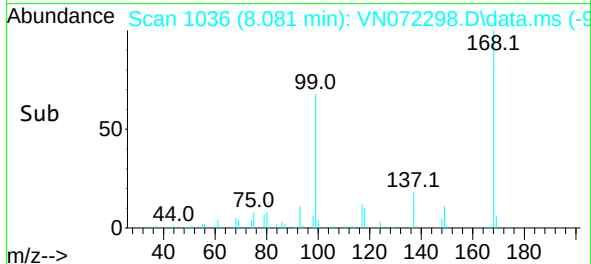
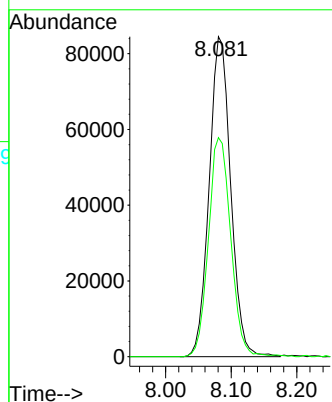
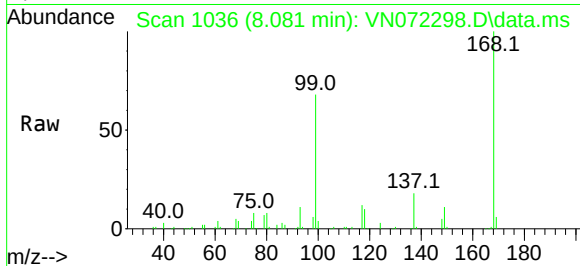




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072298.D
Acq: 02 May 2022 16:15

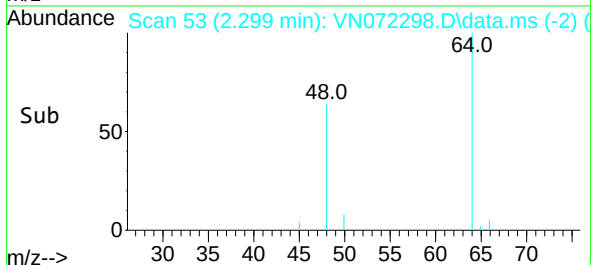
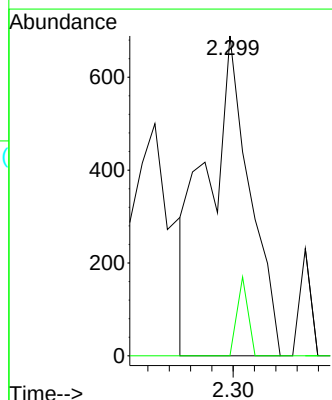
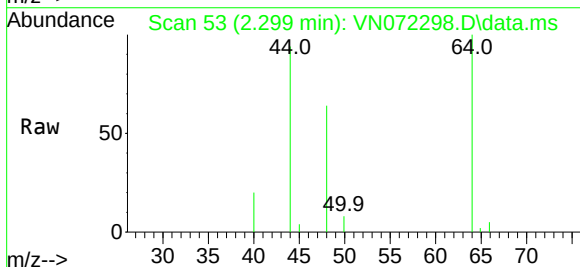
Instrument :
MSVOA_N
ClientSampleId :

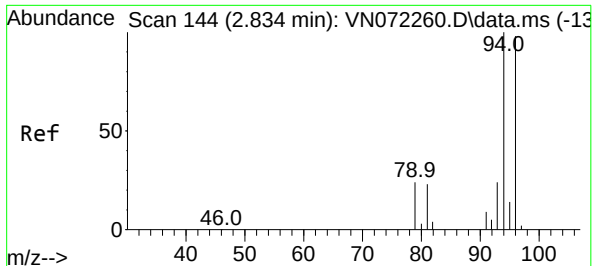
Tgt Ion:168 Resp: 192661
Ion Ratio Lower Upper
168 100
99 68.4 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN072298.D
Acq: 02 May 2022 16:15

Tgt Ion: 50 Resp: 968
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#





#5

Bromomethane

Concen: Below Cal

RT: 2.863 min Scan# 144

Delta R.T. 0.029 min

Lab File: VN072298.D

Acq: 02 May 2022 16:15

Instrument :

MSVOA_N

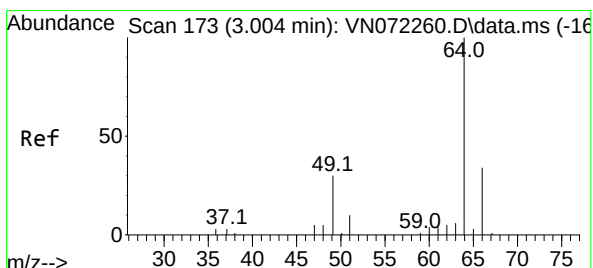
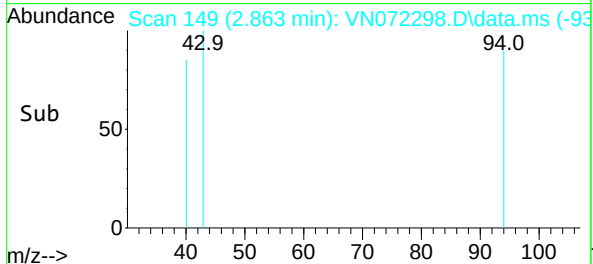
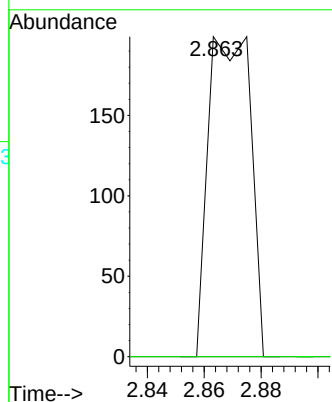
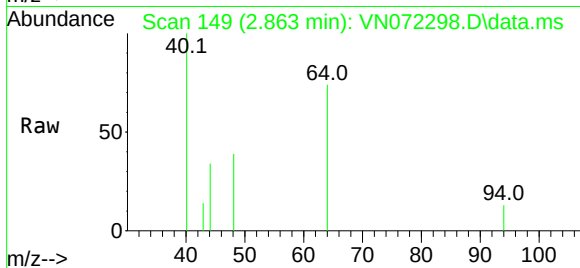
ClientSampleId :

Tgt Ion: 94 Resp: 205

Ion Ratio Lower Upper

94 100

96 0.0 76.0 114.0#



#6

Chloroethane

Concen: Below Cal

RT: 2.993 min Scan# 171

Delta R.T. -0.012 min

Lab File: VN072298.D

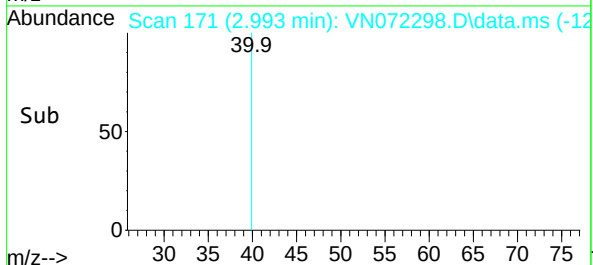
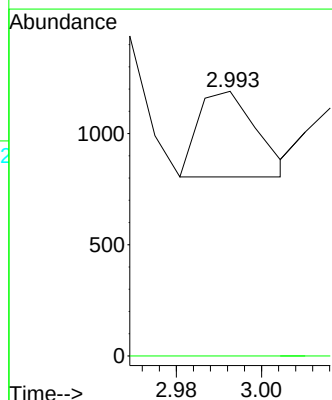
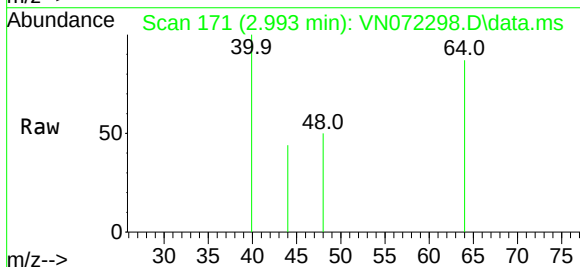
Acq: 02 May 2022 16:15

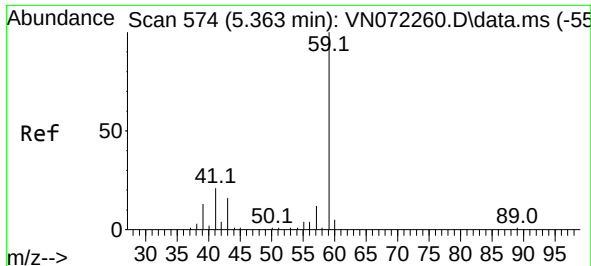
Tgt Ion: 64 Resp: 366

Ion Ratio Lower Upper

64 100

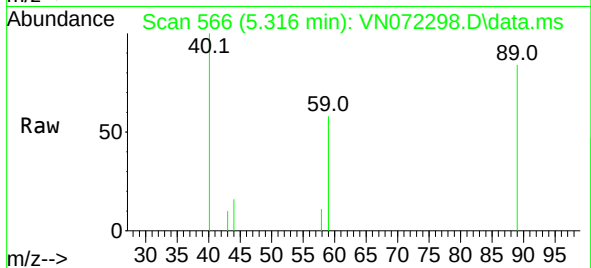
66 0.0 26.2 39.4#



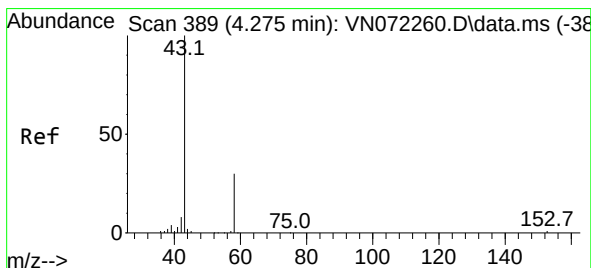
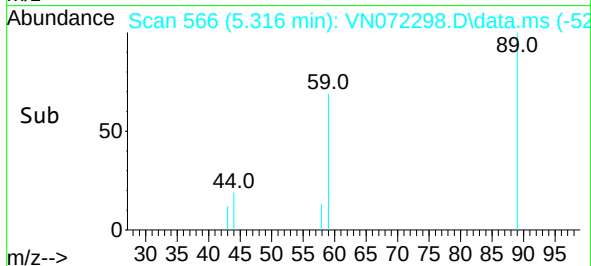
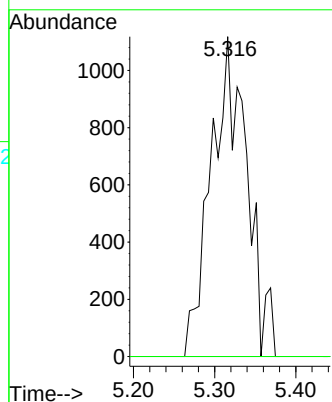


#11
Tert butyl alcohol
Concen: 7.077 ug/l
RT: 5.316 min Scan# 50
Delta R.T. -0.047 min
Lab File: VN072298.D
Acq: 02 May 2022 16:15

Instrument :
MSVOA_N
ClientSampleId :

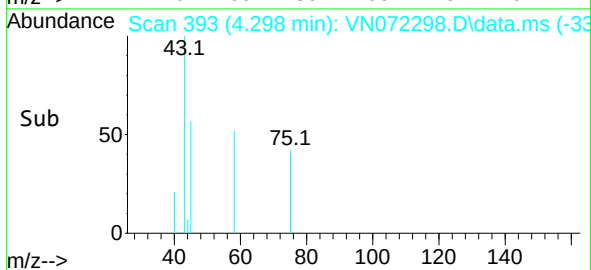
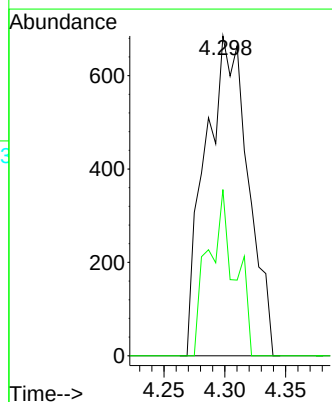
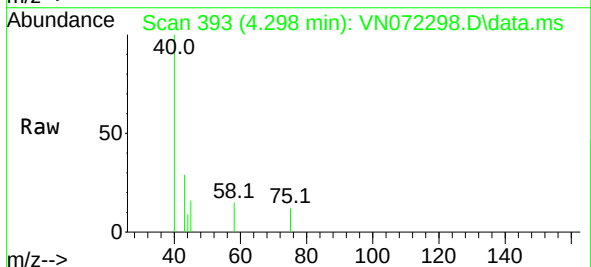


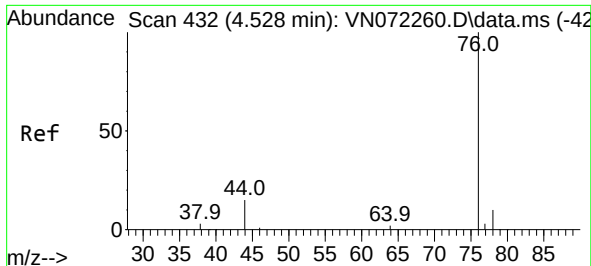
Tgt Ion: 59 Resp: 3440
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 1.312 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.017 min
Lab File: VN072298.D
Acq: 02 May 2022 16:15

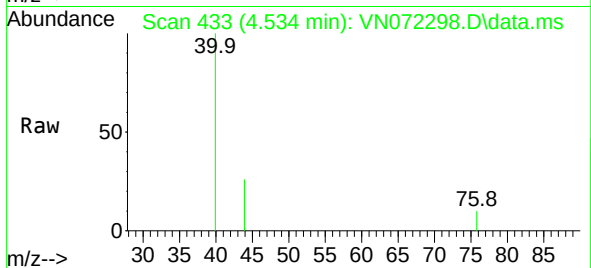
Tgt Ion: 43 Resp: 1673
Ion Ratio Lower Upper
43 100
58 52.0 26.0 39.0#



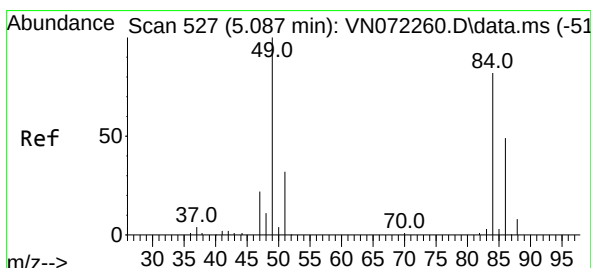
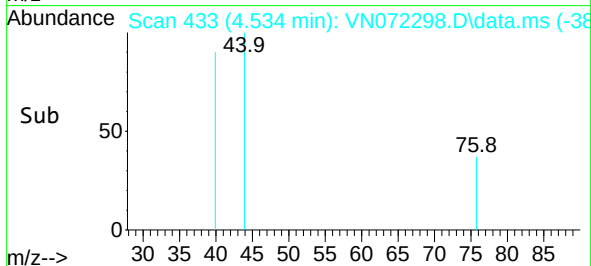
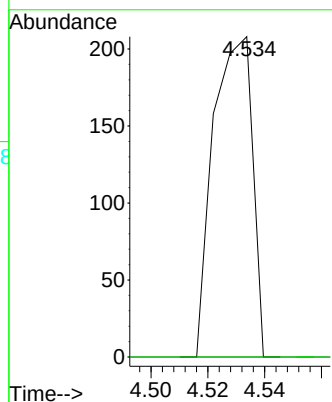


#17
Carbon Disulfide
Concen: 0.409 ug/l
RT: 4.534 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN072298.D
Acq: 02 May 2022 16:15

Instrument :
MSVOA_N
ClientSampleId :

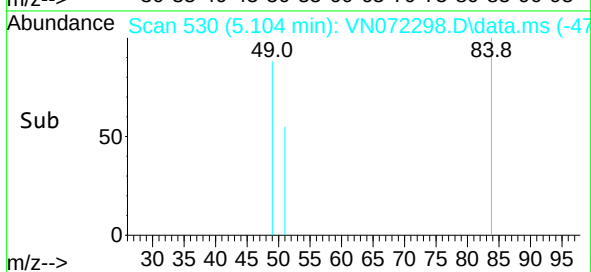
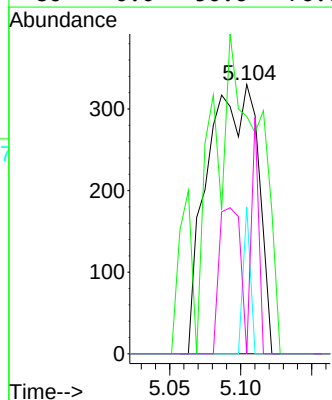
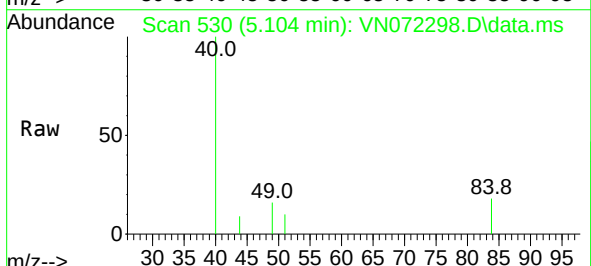


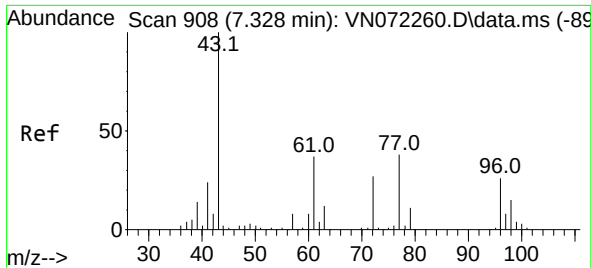
Tgt Ion: 76 Resp: 199
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.333 ug/l
RT: 5.104 min Scan# 530
Delta R.T. 0.017 min
Lab File: VN072298.D
Acq: 02 May 2022 16:15

Tgt Ion: 84 Resp: 814
Ion Ratio Lower Upper
84 100
49 88.2 88.3 132.5#
51 54.5 28.2 42.2#
86 0.0 50.6 76.0#

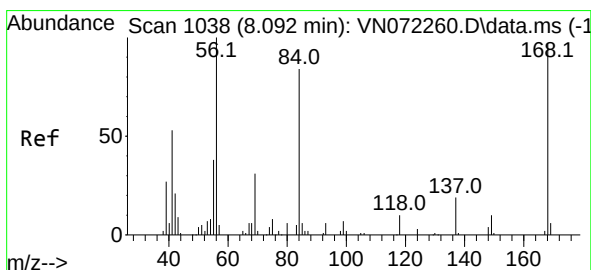
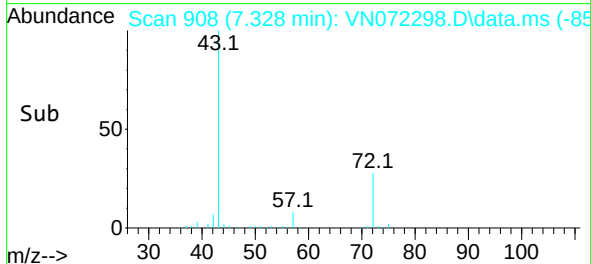
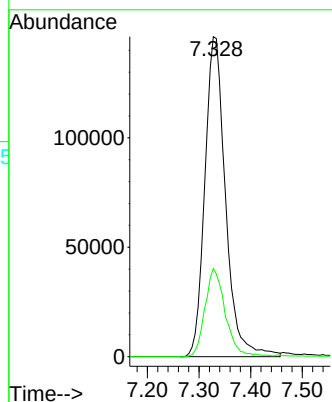
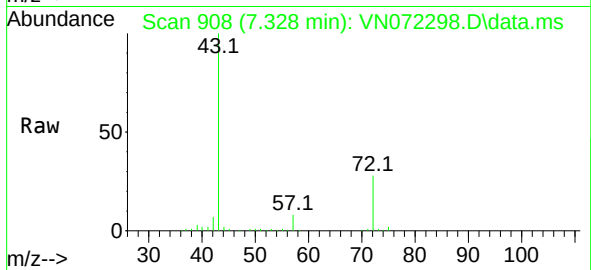




#25
2-Butanone
Concen: 200.225 ug/l
RT: 7.328 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN072298.D
Acq: 02 May 2022 16:15

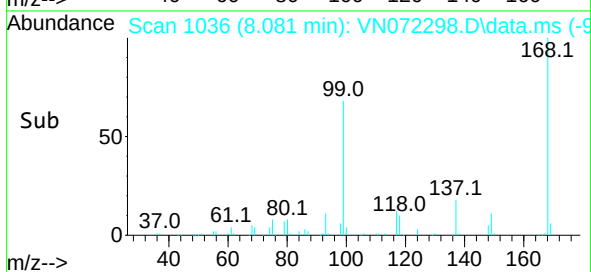
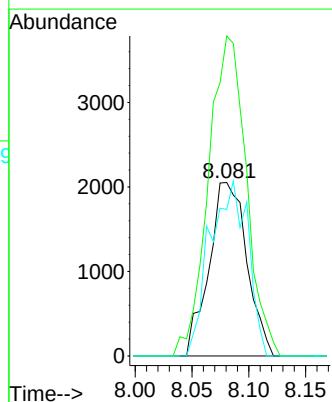
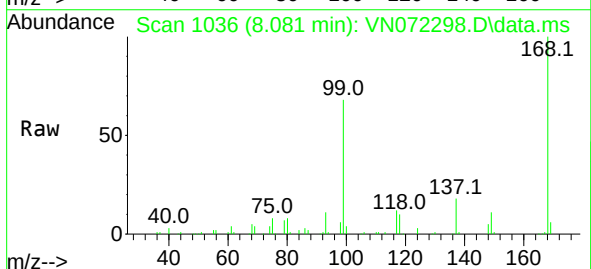
Instrument :
MSVOA_N
ClientSampleId :

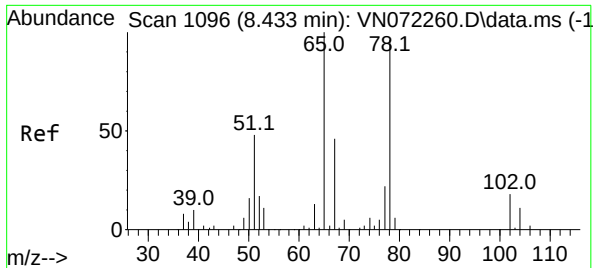
Tgt Ion: 43 Resp: 406631
Ion Ratio Lower Upper
43 100
72 27.6 23.7 35.5



#31
Cyclohexane
Concen: 1.200 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN072298.D
Acq: 02 May 2022 16:15

Tgt Ion: 56 Resp: 4743
Ion Ratio Lower Upper
56 100
69 184.6 27.8 41.8#
84 84.6 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 51.090 ug/l

RT: 8.433 min Scan# 1109

Delta R.T. -0.001 min

Lab File: VN072298.D

Acq: 02 May 2022 16:15

Instrument :

MSVOA_N

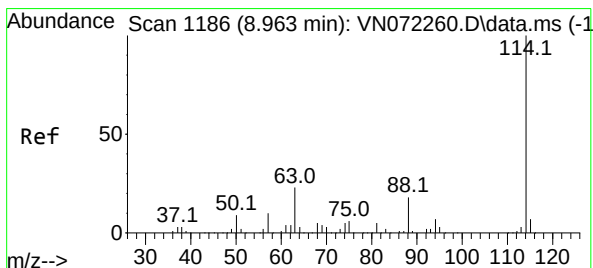
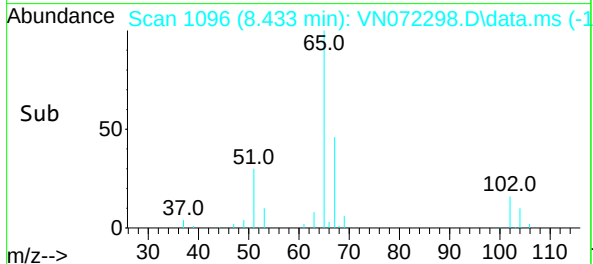
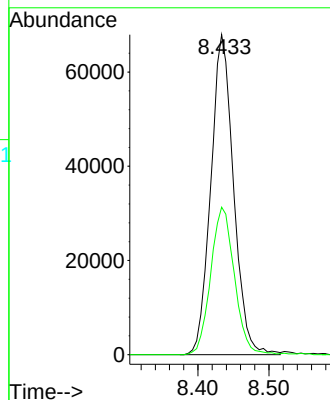
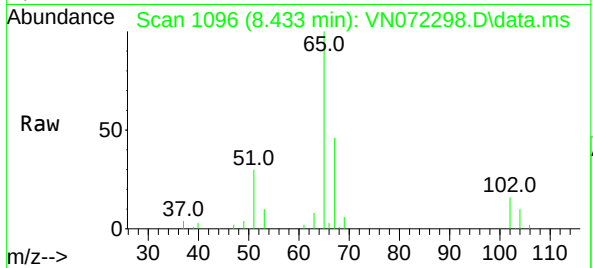
ClientSampleId :

Tgt Ion: 65 Resp: 151112

Ion Ratio Lower Upper

65 100

67 47.9 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: VN072298.D

Acq: 02 May 2022 16:15

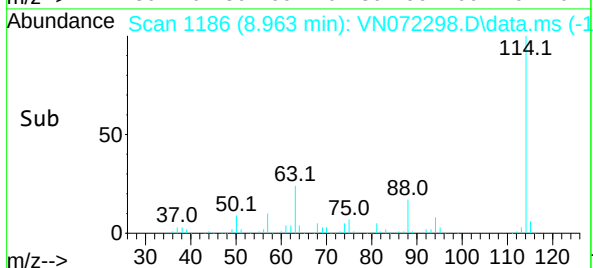
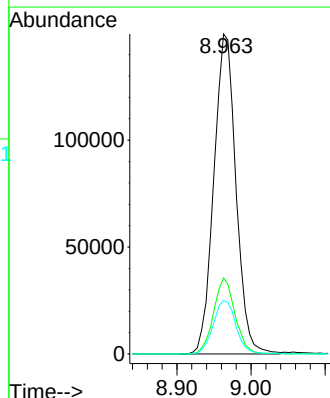
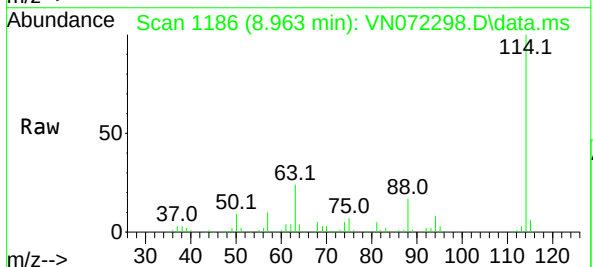
Tgt Ion: 114 Resp: 310703

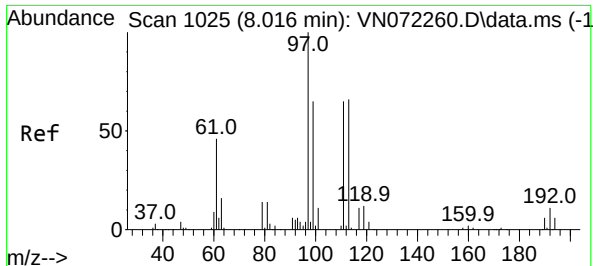
Ion Ratio Lower Upper

114 100

63 23.7 0.0 40.0

88 16.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.478 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

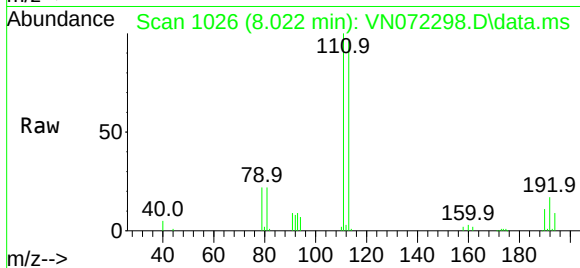
Lab File: VN072298.D

Acq: 02 May 2022 16:15

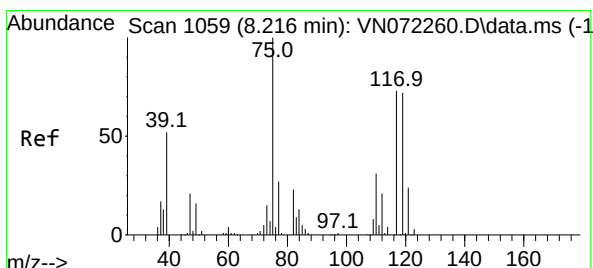
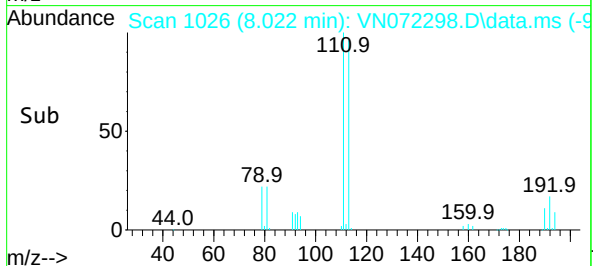
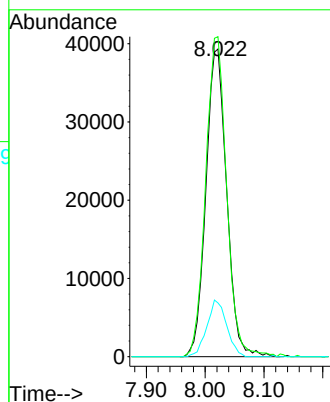
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	113	Resp:	96406
Ion	Ratio	Lower	Upper
113	100		
111	104.8	81.4	122.0
192	17.6	17.0	25.6



#36

1,1-Dichloropropene

Concen: 6.033 ug/l

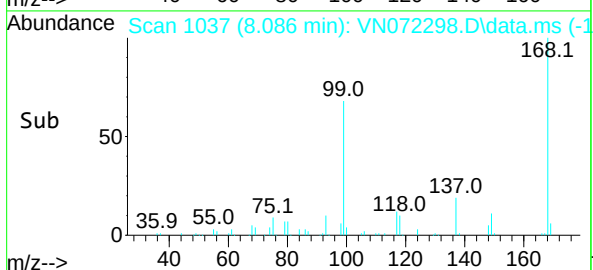
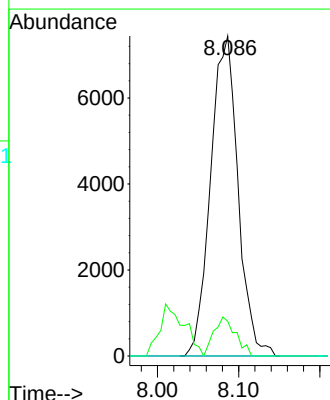
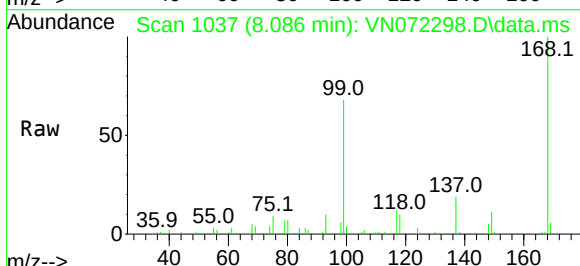
RT: 8.086 min Scan# 1037

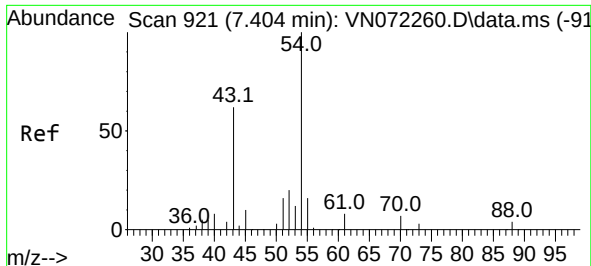
Delta R.T. -0.130 min

Lab File: VN072298.D

Acq: 02 May 2022 16:15

Tgt Ion:	75	Resp:	17462
Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.3	54.8#
77	0.0	25.1	37.7#





#37

Ethyl Acetate

Concen: 105.779 ug/l

RT: 7.328 min Scan# 90

Delta R.T. -0.082 min

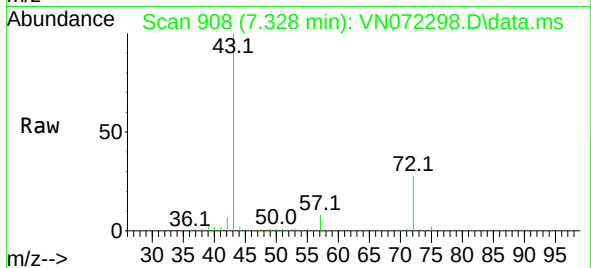
Lab File: VN072298.D

Acq: 02 May 2022 16:15

Instrument :

MSVOA_N

ClientSampleId :



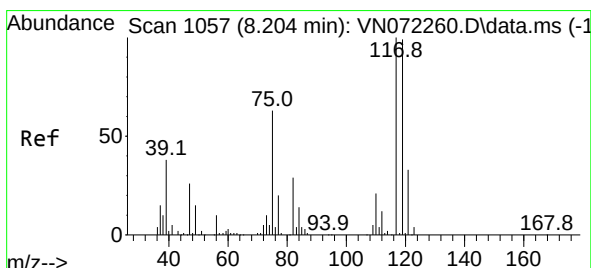
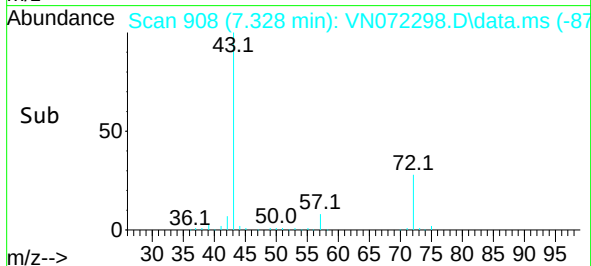
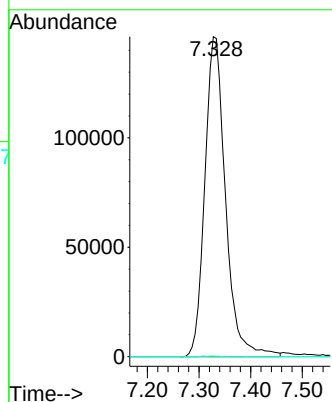
Tgt Ion: 43 Resp: 406631

Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

70 0.2 9.3 13.9#



#38

Carbon Tetrachloride

Concen: 7.434 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.123 min

Lab File: VN072298.D

Acq: 02 May 2022 16:15

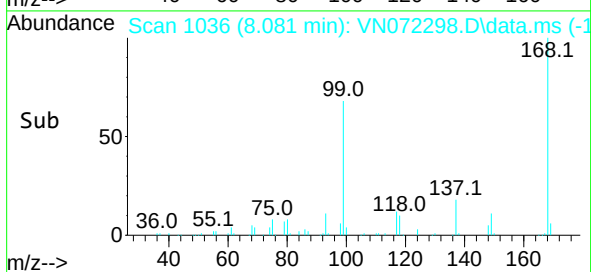
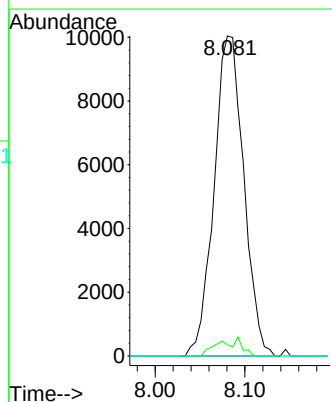
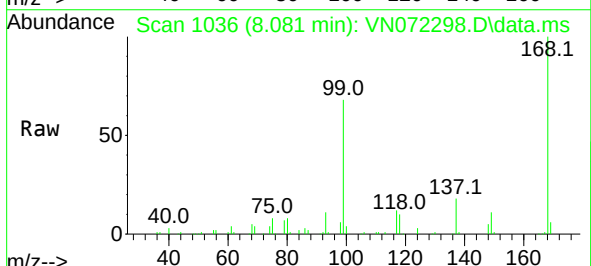
Tgt Ion: 117 Resp: 23046

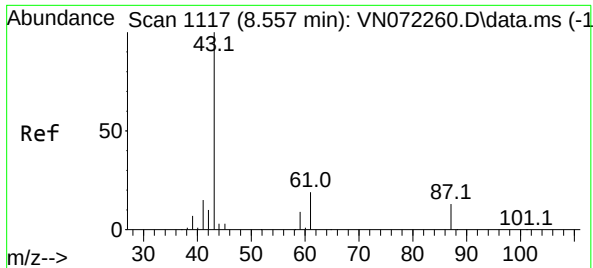
Ion Ratio Lower Upper

117 100

119 3.5 75.8 113.8#

121 0.0 24.6 37.0#

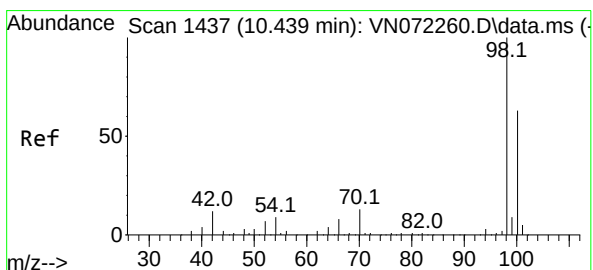
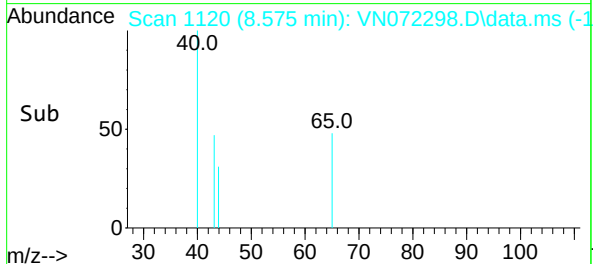
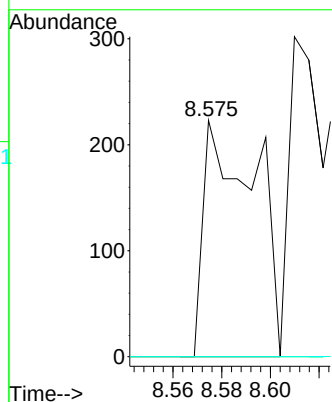
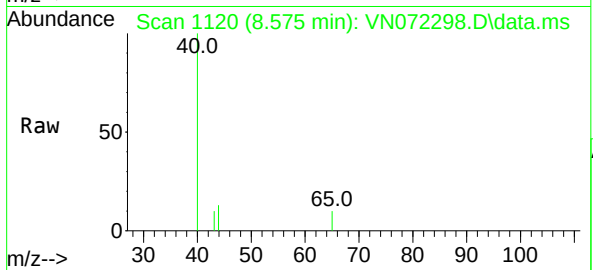




#43
Isopropyl Acetate
Concen: 0.854 ug/l
RT: 8.575 min Scan# 1117
Delta R.T. 0.018 min
Lab File: VN072298.D
Acq: 02 May 2022 16:15

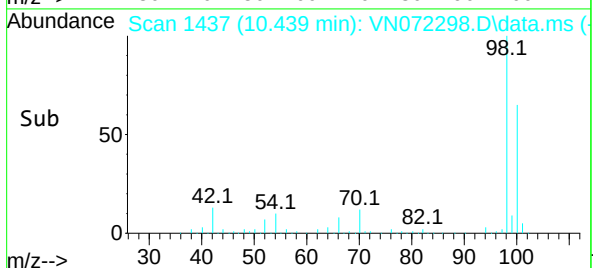
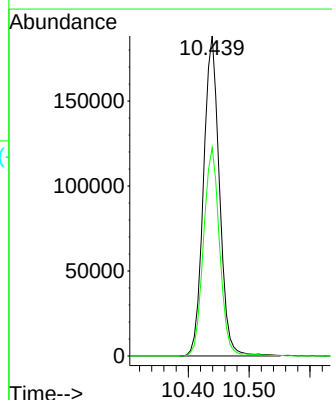
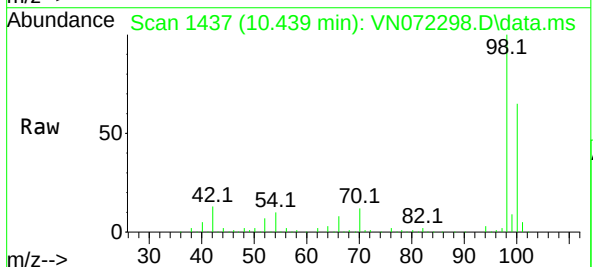
Instrument :
MSVOA_N
ClientSampleId :

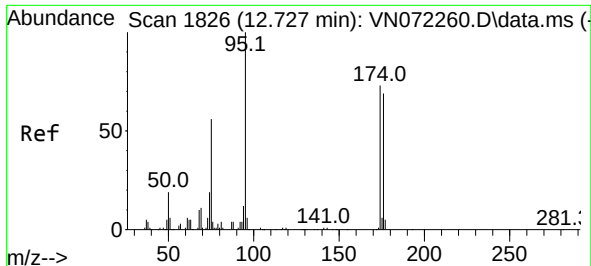
Tgt Ion: 43 Resp: 326
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 43.725 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072298.D
Acq: 02 May 2022 16:15

Tgt Ion: 98 Resp: 341679
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8

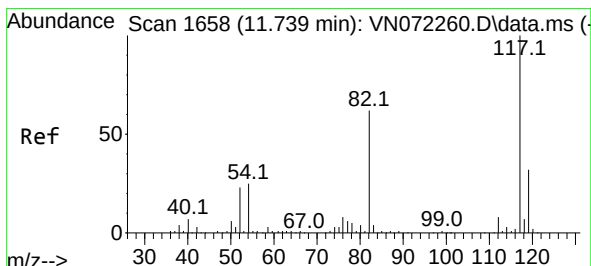
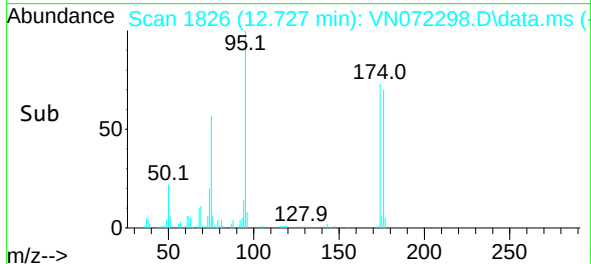
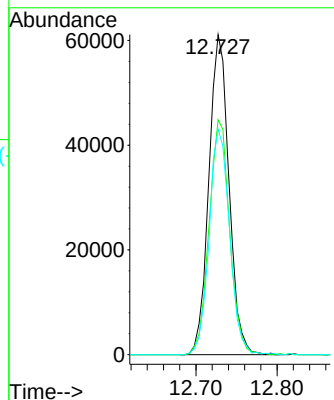
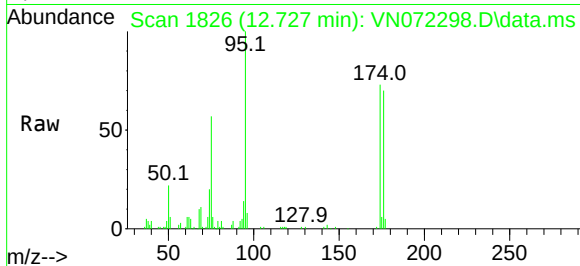




#62
4-Bromofluorobenzene
Concen: 40.421 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072298.D
Acq: 02 May 2022 16:15

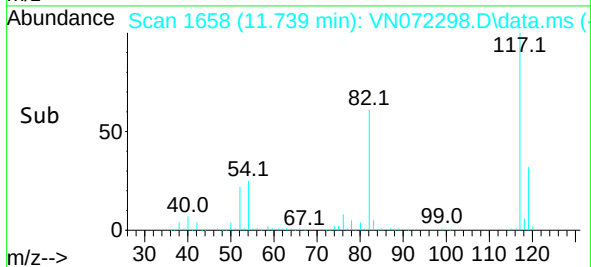
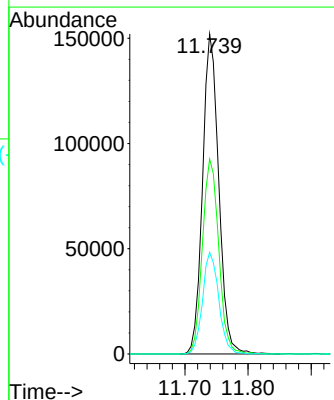
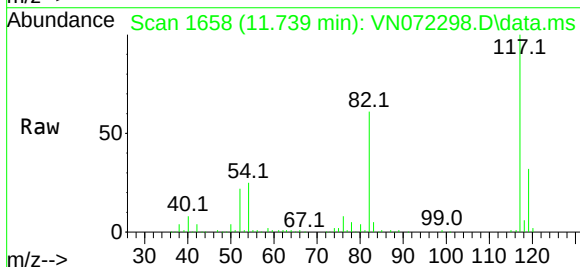
Instrument :
MSVOA_N
ClientSampleId :

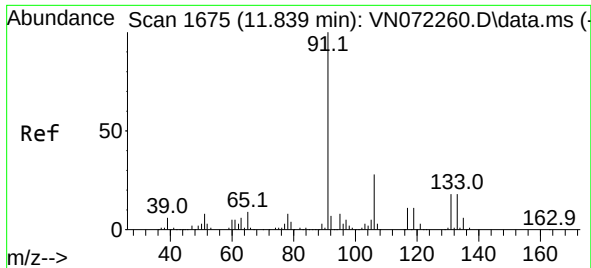
Tgt Ion: 95 Resp: 104840
Ion Ratio Lower Upper
95 100
174 75.4 0.0 167.6
176 71.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072298.D
Acq: 02 May 2022 16:15

Tgt Ion: 117 Resp: 269925
Ion Ratio Lower Upper
117 100
82 60.9 44.2 66.2
119 31.7 25.4 38.0

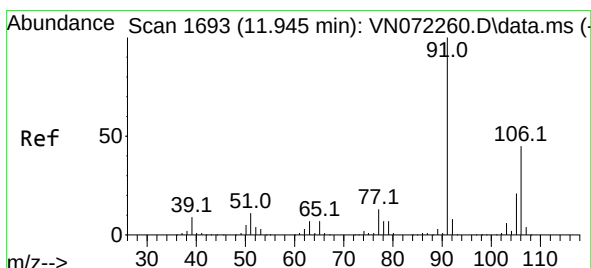
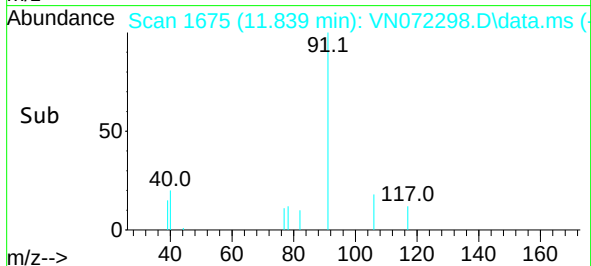
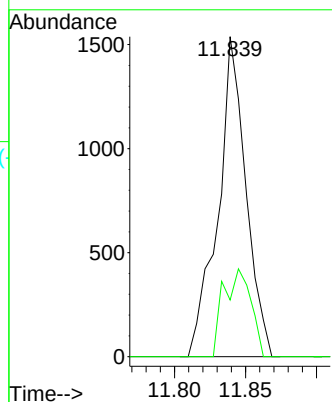
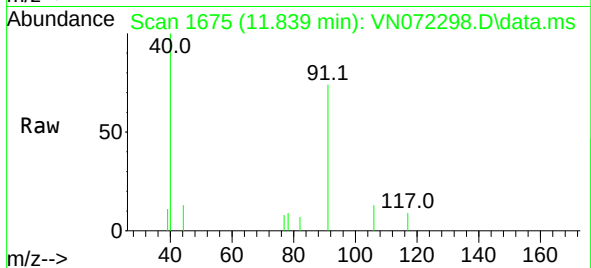




#67
Ethyl Benzene
Concen: 0.221 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072298.D
Acq: 02 May 2022 16:15

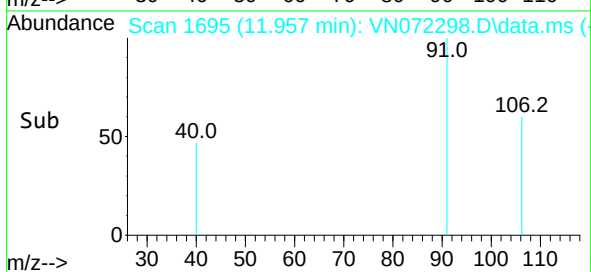
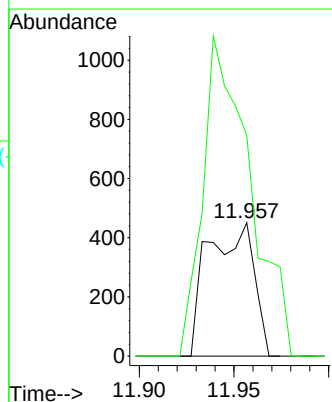
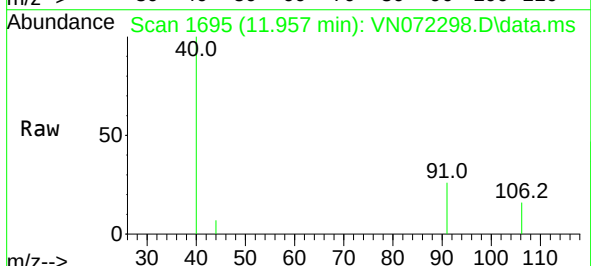
Instrument :
MSVOA_N
ClientSampleId :

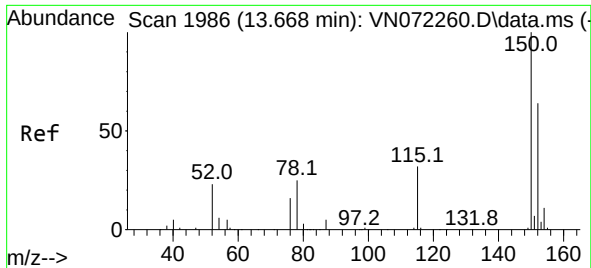
Tgt Ion: 91 Resp: 2101
Ion Ratio Lower Upper
91 100
106 17.7 24.9 37.3#



#68
m/p-Xylenes
Concen: 0.214 ug/l
RT: 11.957 min Scan# 1695
Delta R.T. 0.006 min
Lab File: VN072298.D
Acq: 02 May 2022 16:15

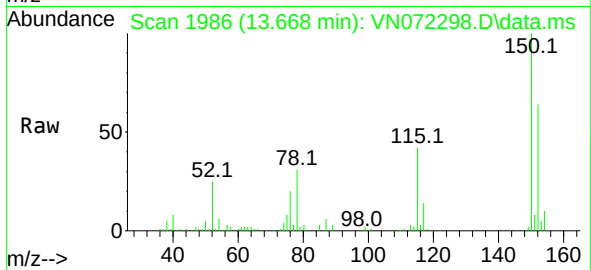
Tgt Ion: 106 Resp: 755
Ion Ratio Lower Upper
106 100
91 246.6 158.9 238.3#



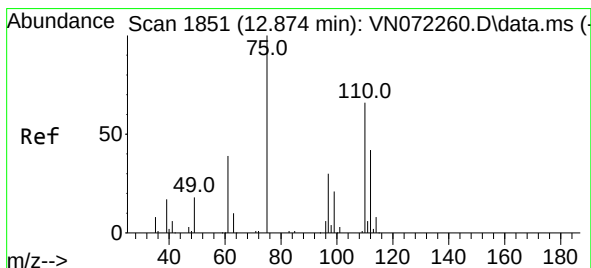
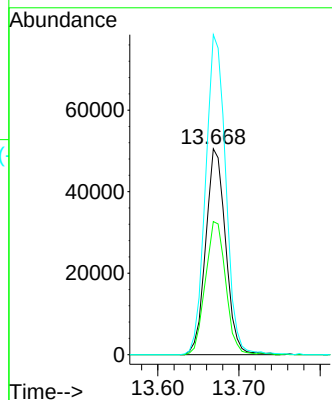
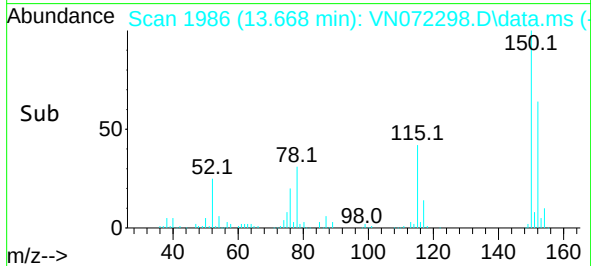


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN072298.D
 Acq: 02 May 2022 16:15

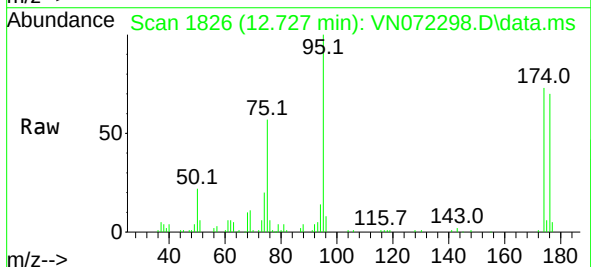
Instrument :
 MSVOA_N
 ClientSampleId :



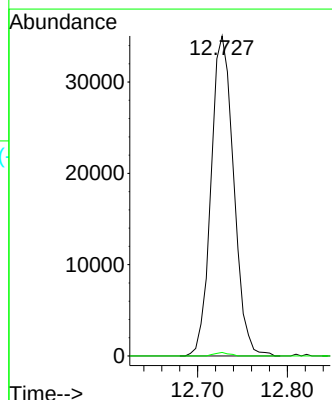
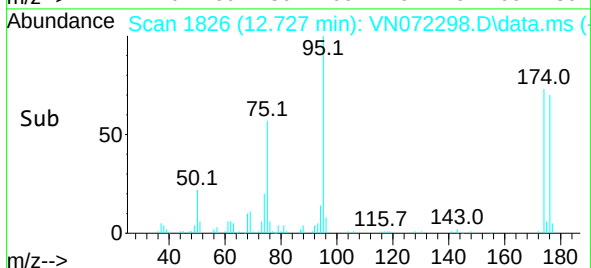
Tgt Ion:152 Resp: 86042
 Ion Ratio Lower Upper
 152 100
 115 65.8 28.9 86.7
 150 157.4 0.0 356.2

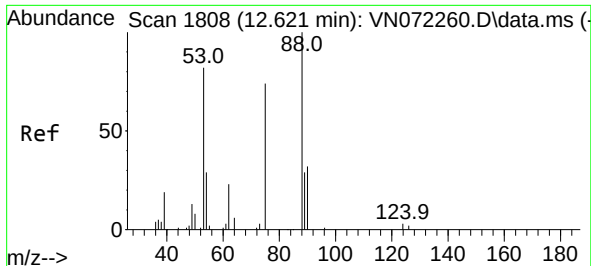


#76
 1,2,3-Trichloropropane
 Concen: 31.798 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.147 min
 Lab File: VN072298.D
 Acq: 02 May 2022 16:15



Tgt Ion: 75 Resp: 61497
 Ion Ratio Lower Upper
 75 100
 77 0.7 98.5 295.5#

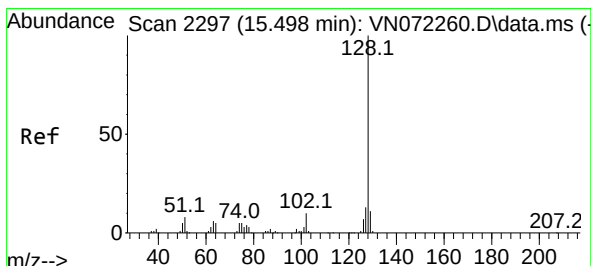
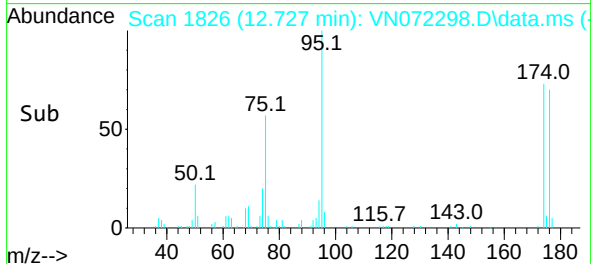
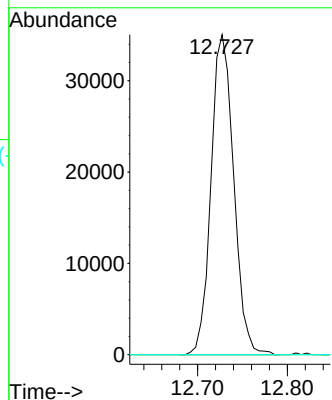
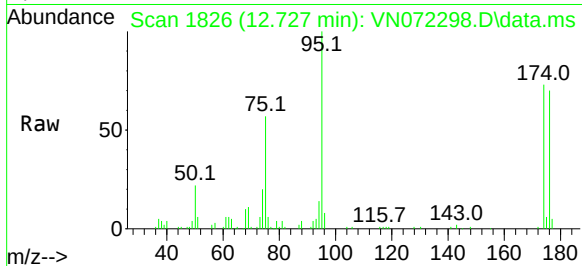




#81
trans-1,4-Dichloro-2-butene
Concen: 82.642 ug/l
RT: 12.727 min Scan# 11
Delta R.T. 0.105 min
Lab File: VN072298.D
Acq: 02 May 2022 16:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 61497
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 4.460 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072298.D
Acq: 02 May 2022 16:15

Tgt Ion:128 Resp: 784
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

