

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050222\
 Data File : VN072301.D
 Acq On : 02 May 2022 18:13
 Operator : JC\MD
 Sample : N2607-01
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 02 18:34:37 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

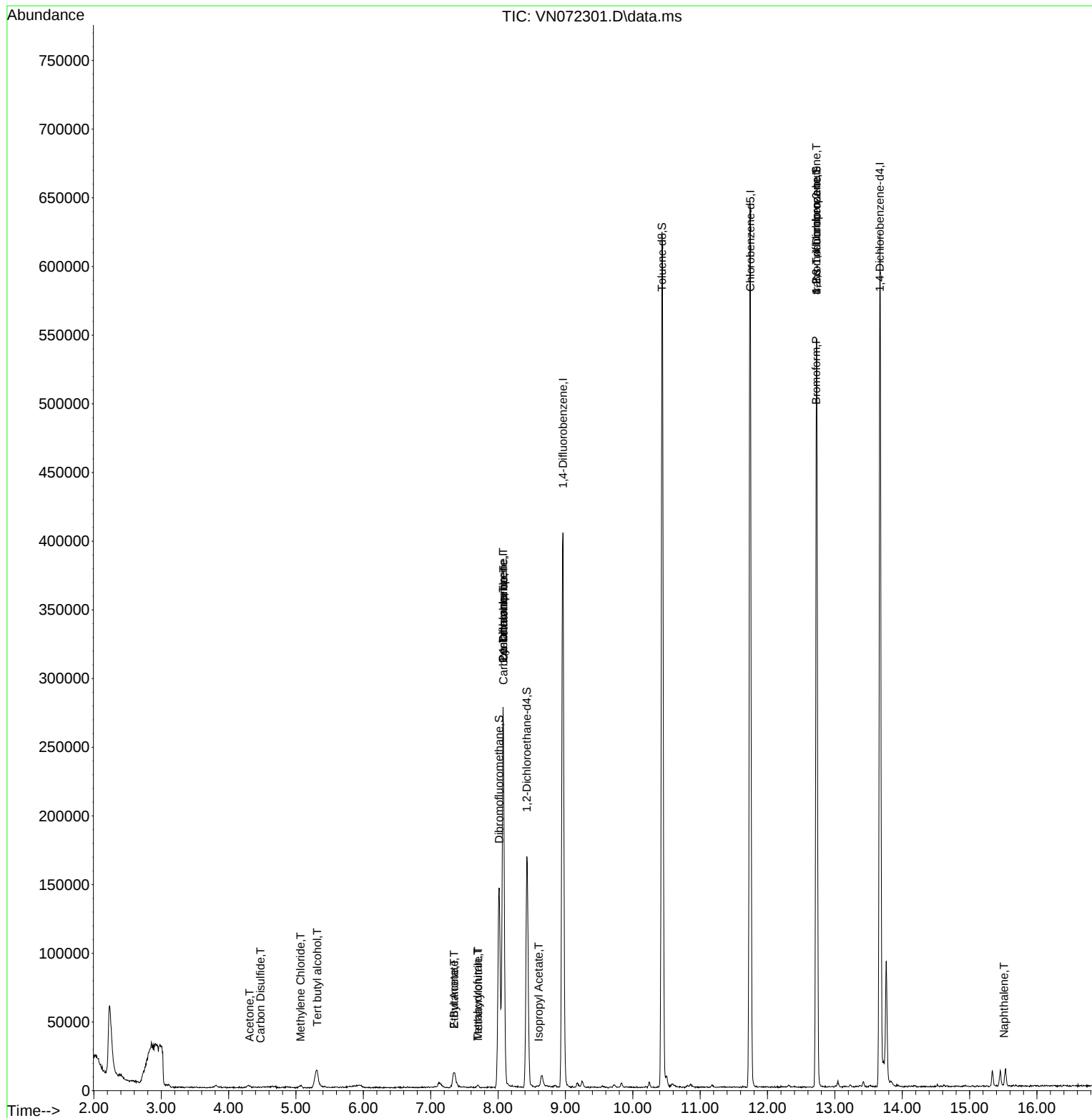
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.075	168	186082	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	337921	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	359584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	157418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	158263	55.399	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.800%			
35) Dibromofluoromethane	8.016	113	105801	48.917	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.840%			
50) Toluene-d8	10.433	98	431423	50.763	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.520%			
62) 4-Bromofluorobenzene	12.727	95	189393	67.139	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 134.280%			
Target Compounds						
						Qvalue
3) Chloromethane	2.293	50	705	Below Cal	#	43
5) Bromomethane	2.840	94	71	Below Cal	#	2
6) Chloroethane	2.963	64	1308	Below Cal	#	81
11) Tert butyl alcohol	5.316	59	14725	31.365	ug/l	# 72
16) Acetone	4.310	43	2266	1.840	ug/l	# 78
17) Carbon Disulfide	4.475	76	67	0.379	ug/l	# 75
18) Methyl Acetate	4.822	43	57	Below Cal	#	48
20) Methylene Chloride	5.069	84	867	0.367	ug/l	# 60
25) 2-Butanone	7.345	43	22295	11.366	ug/l	# 83
29) Tetrahydrofuran	7.698	42	1188	0.923	ug/l	# 58
31) Cyclohexane	8.075	56	4531	1.187	ug/l	# 1
36) 1,1-Dichloropropene	8.075	75	16733	5.315	ug/l	# 48
37) Ethyl Acetate	7.345	43	22295	5.333	ug/l	# 67
38) Carbon Tetrachloride	8.081	117	21262	6.306	ug/l	# 17
41) Methacrylonitrile	7.704	41	625	0.295	ug/l	# 28
43) Isopropyl Acetate	8.604	43	1187	0.979	ug/l	# 53
71) Bromoform	12.721	173	676	0.332	ug/l	# 28
76) 1,2,3-Trichloropropane	12.727	75	109106	30.851	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.727	75	109106	80.140	ug/l	# 10
95) Naphthalene	15.509	128	968	4.408	ug/l	# 69

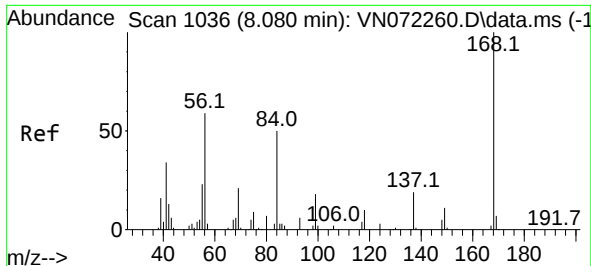
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 02 18:34:37 2022
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Quant Title : SW846 8260
QLast Update : Tue Apr 26 18:50:11 2022
Response via : Initial Calibration

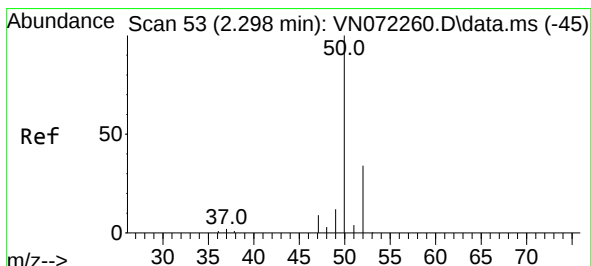
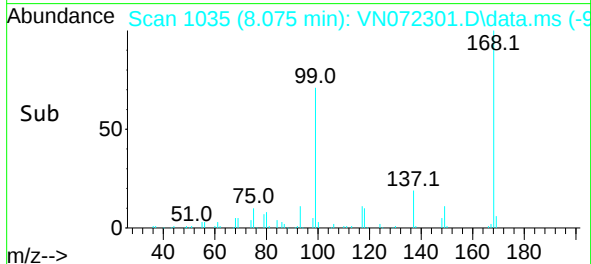
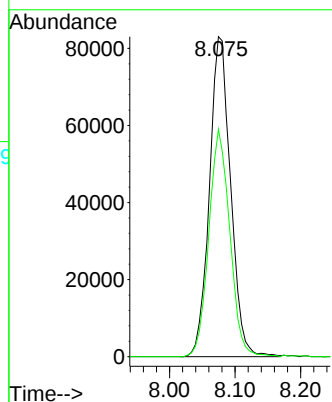
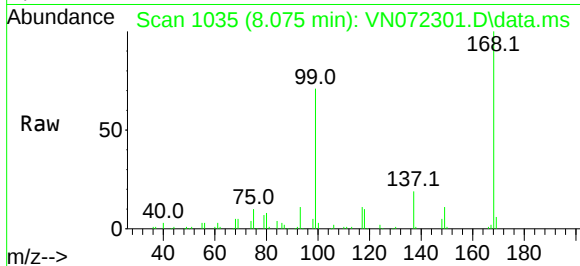




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.075 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072301.D
Acq: 02 May 2022 18:13

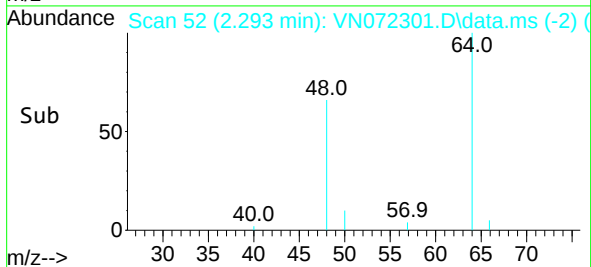
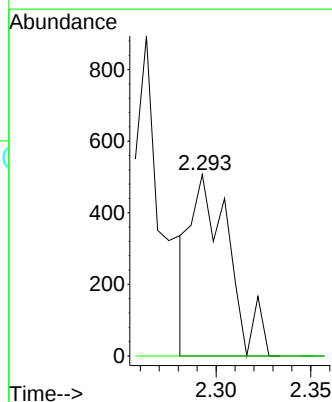
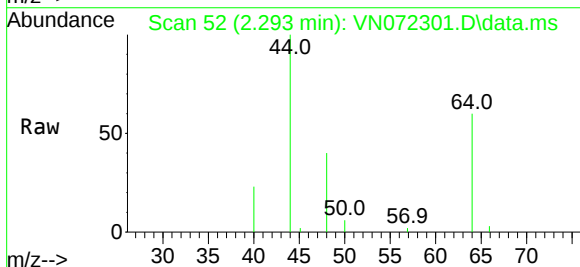
Instrument :
MSVOA_N
ClientSampleId :

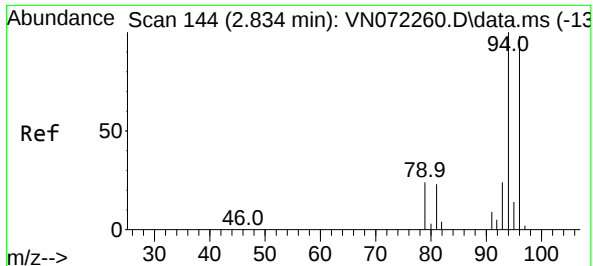
Tgt Ion:168 Resp: 186082
Ion Ratio Lower Upper
168 100
99 71.1 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.293 min Scan# 52
Delta R.T. -0.006 min
Lab File: VN072301.D
Acq: 02 May 2022 18:13

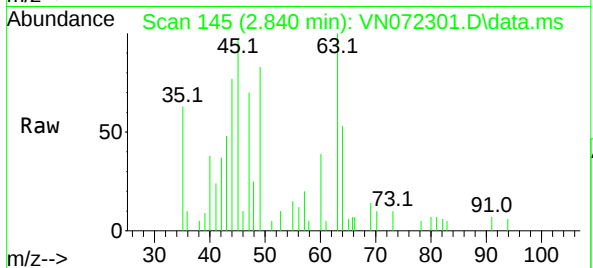
Tgt Ion: 50 Resp: 705
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#



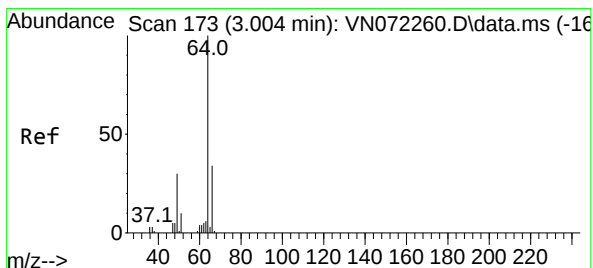
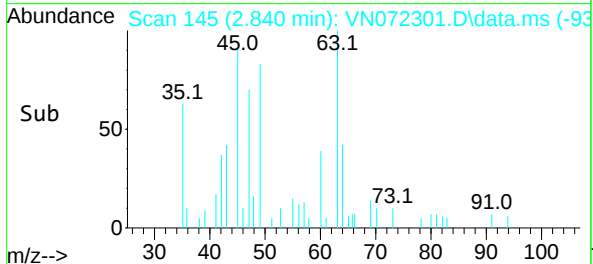
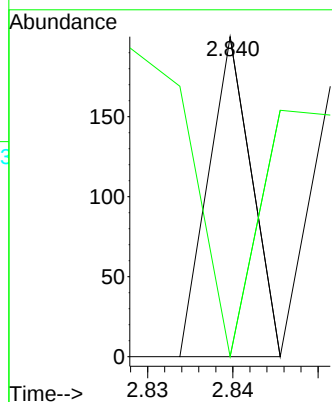


#5
Bromomethane
Concen: Below Cal
RT: 2.840 min Scan# 144
Delta R.T. 0.006 min
Lab File: VN072301.D
Acq: 02 May 2022 18:13

Instrument :
MSVOA_N
ClientSampleId :

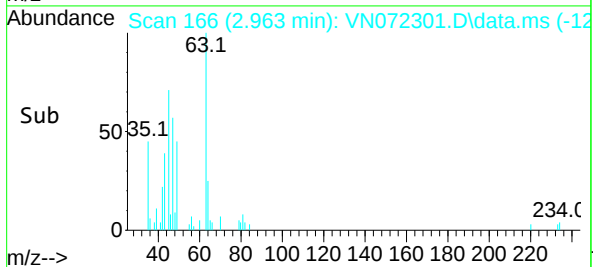
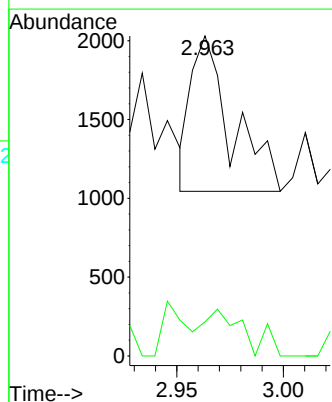
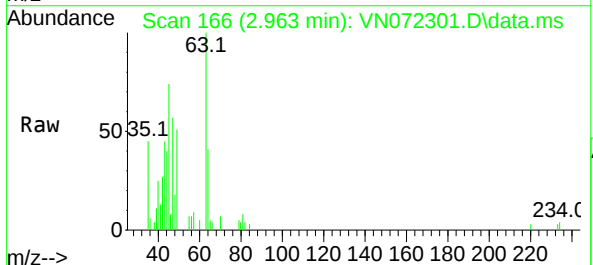


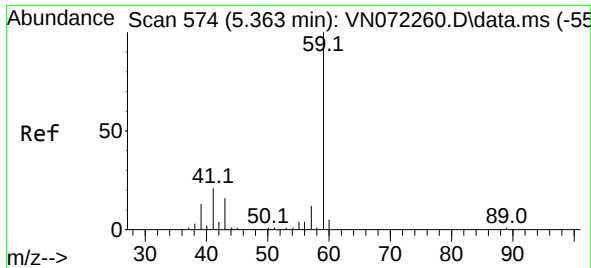
Tgt Ion: 94 Resp: 71
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 2.963 min Scan# 166
Delta R.T. -0.042 min
Lab File: VN072301.D
Acq: 02 May 2022 18:13

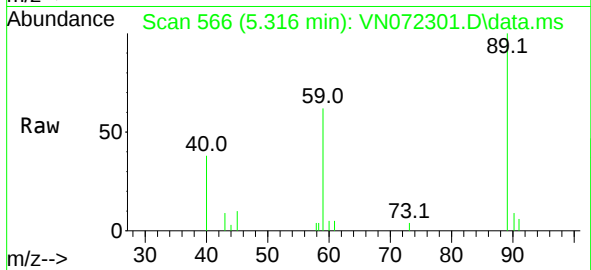
Tgt Ion: 64 Resp: 1308
Ion Ratio Lower Upper
64 100
66 21.9 26.2 39.4#



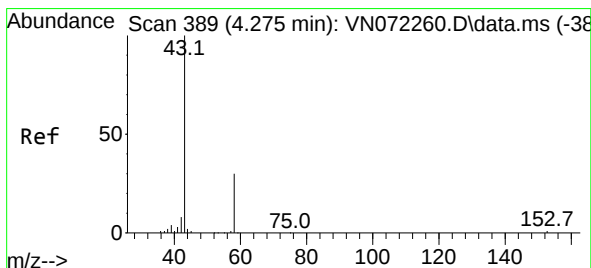
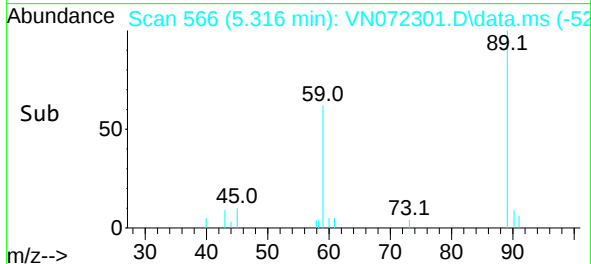
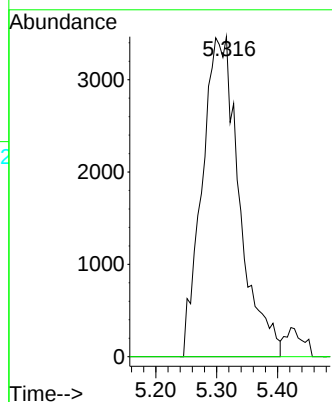


#11
Tert butyl alcohol
Concen: 31.365 ug/l
RT: 5.316 min Scan# 50
Delta R.T. -0.047 min
Lab File: VN072301.D
Acq: 02 May 2022 18:13

Instrument :
MSVOA_N
ClientSampleId :

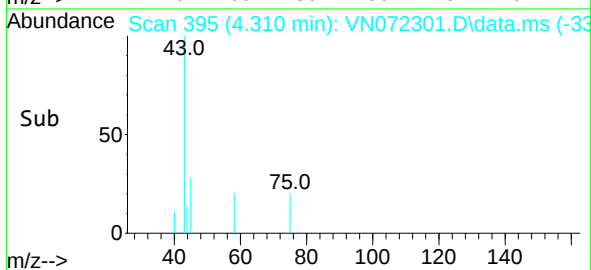
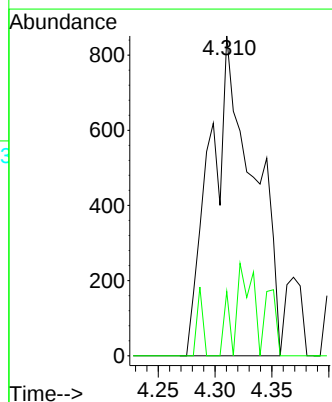
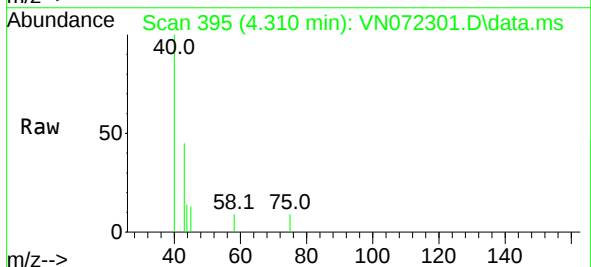


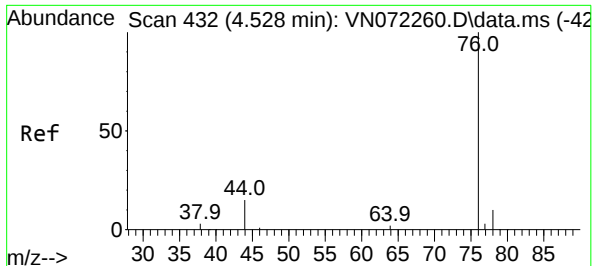
Tgt Ion: 59 Resp: 14725
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 1.840 ug/l
RT: 4.310 min Scan# 395
Delta R.T. 0.029 min
Lab File: VN072301.D
Acq: 02 May 2022 18:13

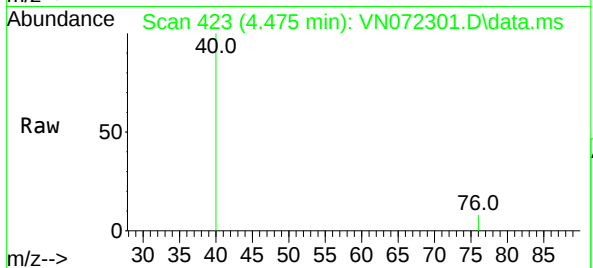
Tgt Ion: 43 Resp: 2266
Ion Ratio Lower Upper
43 100
58 20.1 26.0 39.0#



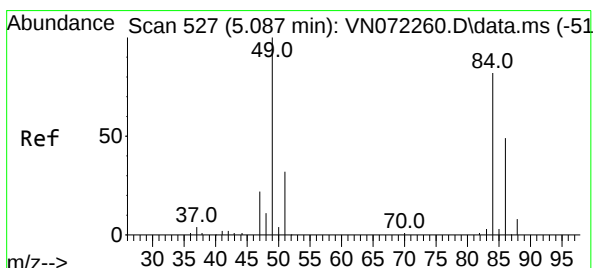
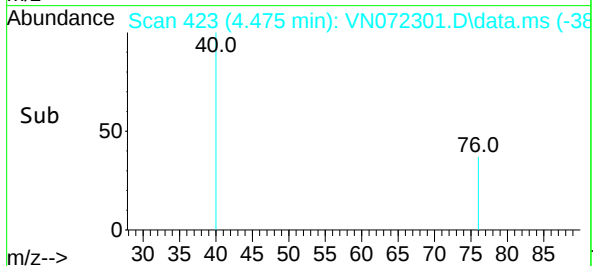
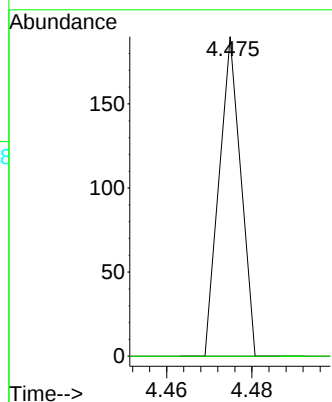


#17
Carbon Disulfide
Concen: 0.379 ug/l
RT: 4.475 min Scan# 41
Delta R.T. -0.059 min
Lab File: VN072301.D
Acq: 02 May 2022 18:13

Instrument :
MSVOA_N
ClientSampleId :

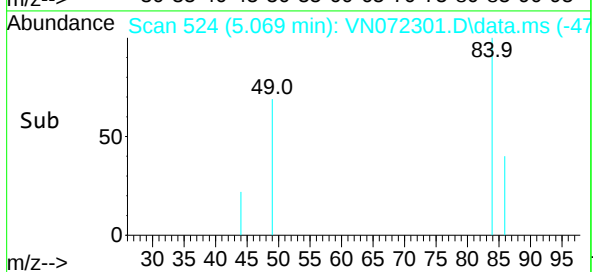
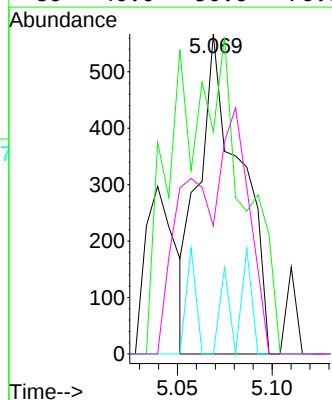
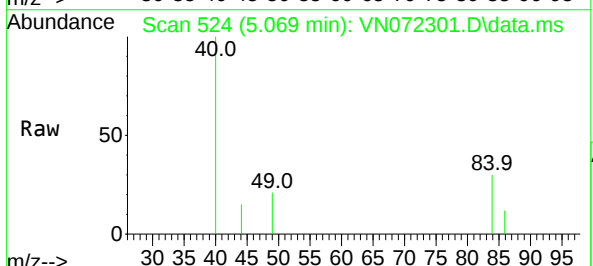


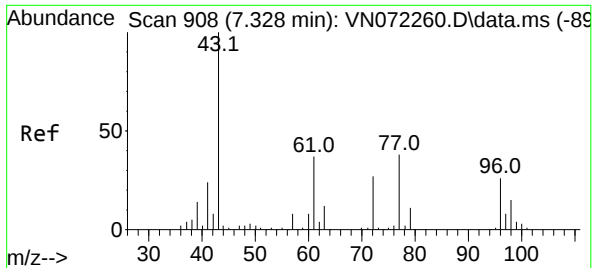
Tgt Ion: 76 Resp: 67
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.367 ug/l
RT: 5.069 min Scan# 524
Delta R.T. -0.018 min
Lab File: VN072301.D
Acq: 02 May 2022 18:13

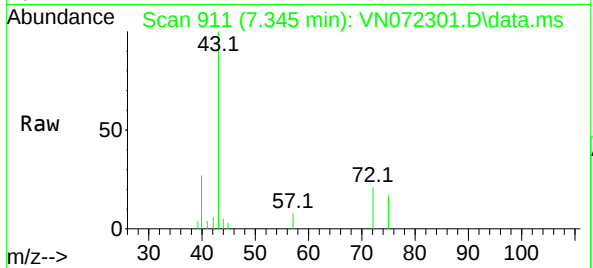
Tgt Ion: 84 Resp: 867
Ion Ratio Lower Upper
84 100
49 69.5 88.3 132.5#
51 0.0 28.2 42.2#
86 40.0 50.6 76.0#



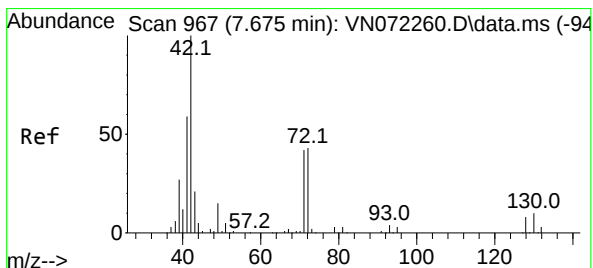
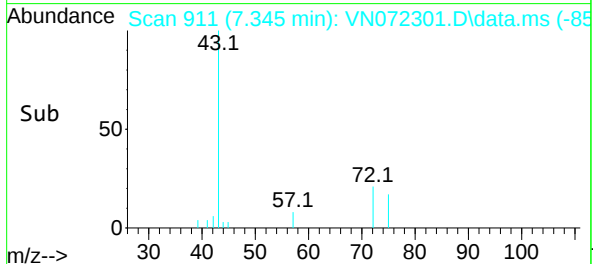
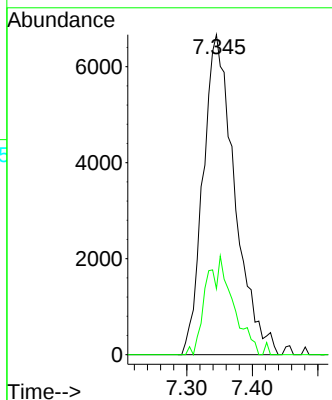


#25
2-Butanone
Concen: 11.366 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.017 min
Lab File: VN072301.D
Acq: 02 May 2022 18:13

Instrument :
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ClientSampleId :

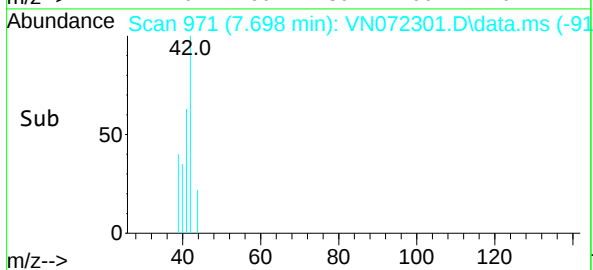
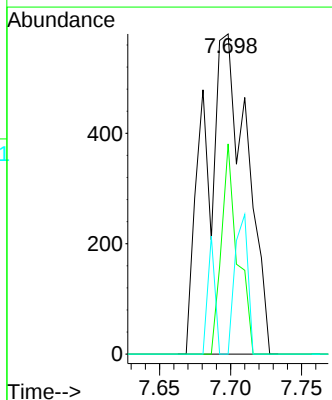
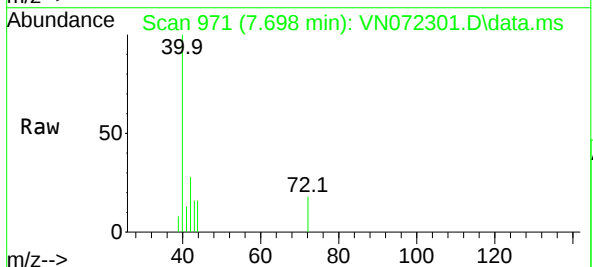


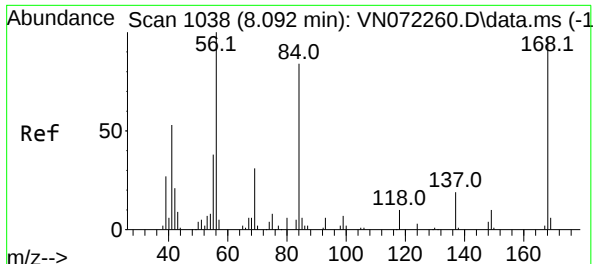
Tgt Ion: 43 Resp: 22295
Ion Ratio Lower Upper
43 100
72 20.6 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.923 ug/l
RT: 7.698 min Scan# 971
Delta R.T. 0.017 min
Lab File: VN072301.D
Acq: 02 May 2022 18:13

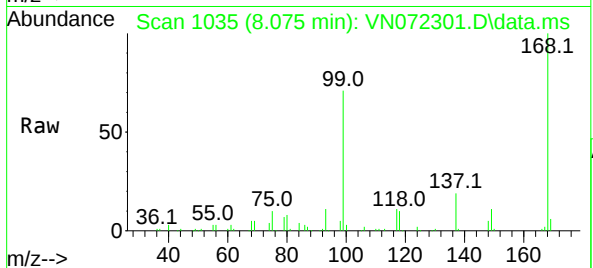
Tgt Ion: 42 Resp: 1188
Ion Ratio Lower Upper
42 100
72 25.4 39.7 59.5#
71 13.6 36.6 55.0#



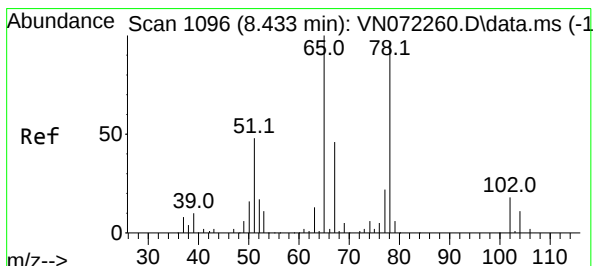
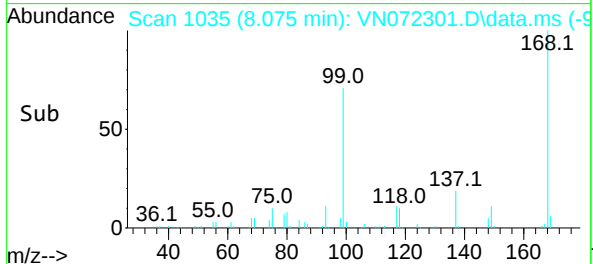
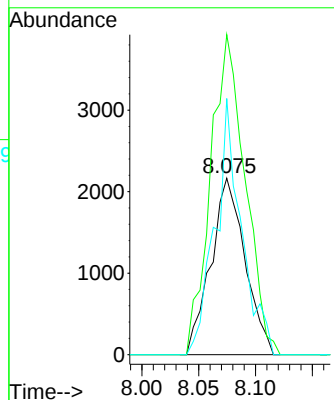


#31
Cyclohexane
Concen: 1.187 ug/l
RT: 8.075 min Scan# 1035
Delta R.T. -0.017 min
Lab File: VN072301.D
Acq: 02 May 2022 18:13

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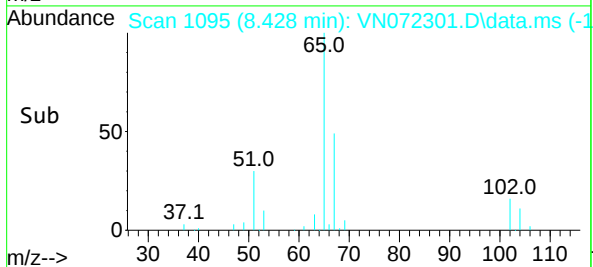
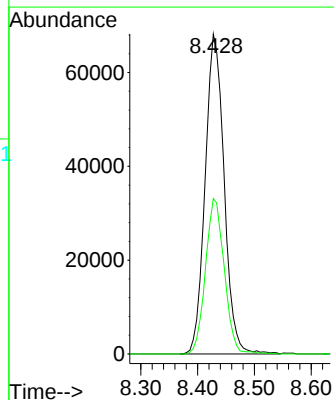
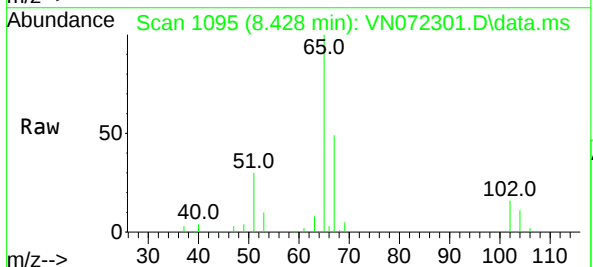


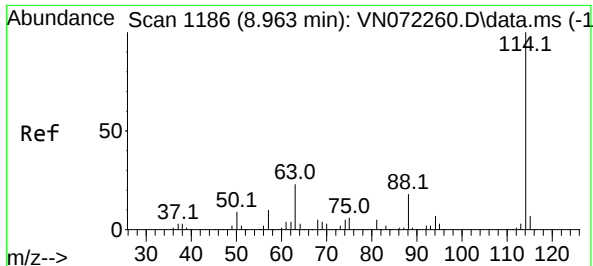
Tgt Ion: 56 Resp: 4531
Ion Ratio Lower Upper
56 100
69 181.3 27.8 41.8#
84 145.1 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 55.399 ug/l
RT: 8.428 min Scan# 1095
Delta R.T. -0.006 min
Lab File: VN072301.D
Acq: 02 May 2022 18:13

Tgt Ion: 65 Resp: 158263
Ion Ratio Lower Upper
65 100
67 48.1 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: VN072301.D

Acq: 02 May 2022 18:13

Instrument :

MSVOA_N

ClientSampleId :

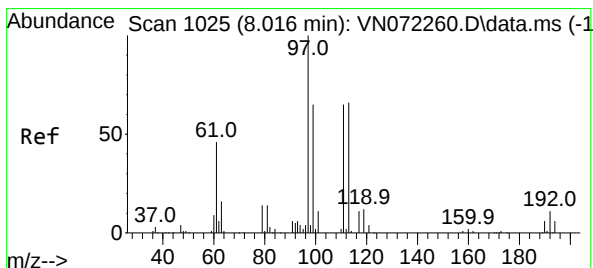
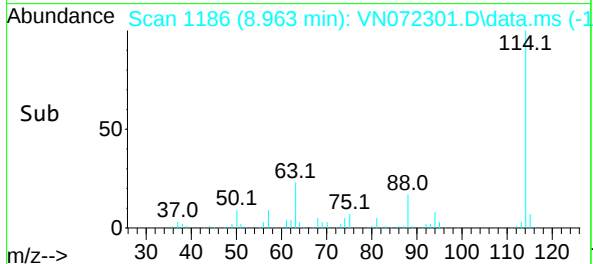
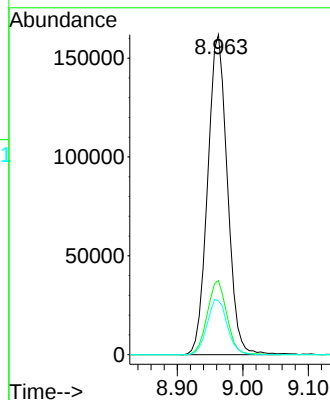
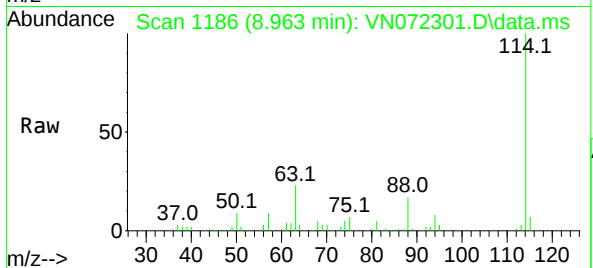
Tgt Ion:114 Resp: 337921

Ion Ratio Lower Upper

114 100

63 23.1 0.0 40.0

88 16.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.917 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072301.D

Acq: 02 May 2022 18:13

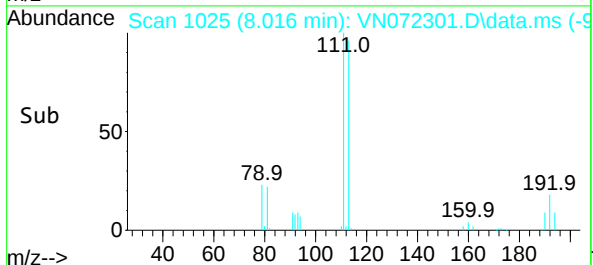
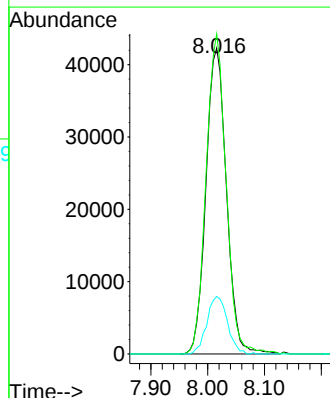
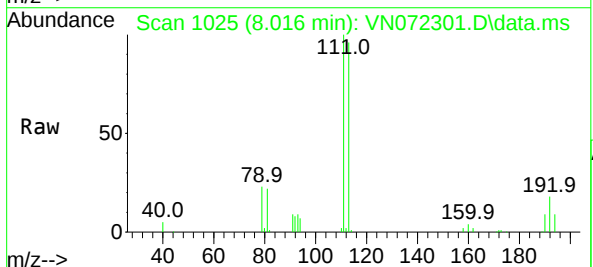
Tgt Ion:113 Resp: 105801

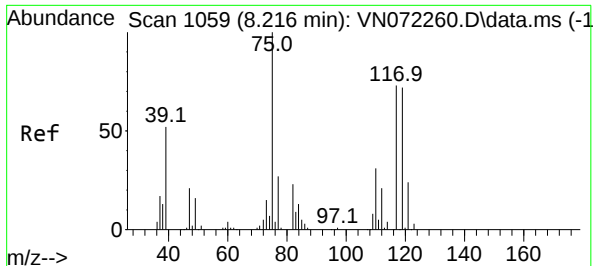
Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 18.8 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.315 ug/l

RT: 8.075 min Scan# 1

Delta R.T. -0.141 min

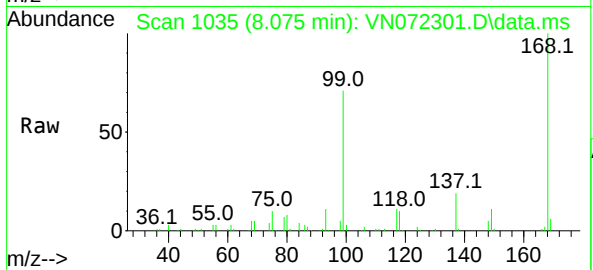
Lab File: VN072301.D

Acq: 02 May 2022 18:13

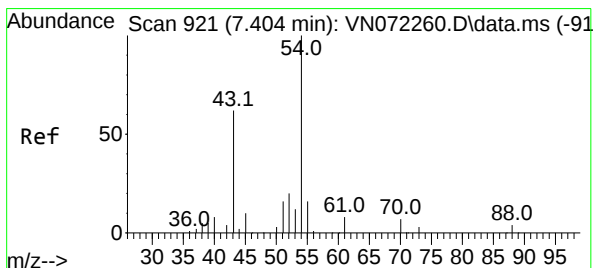
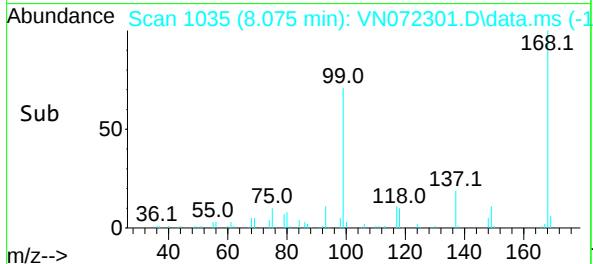
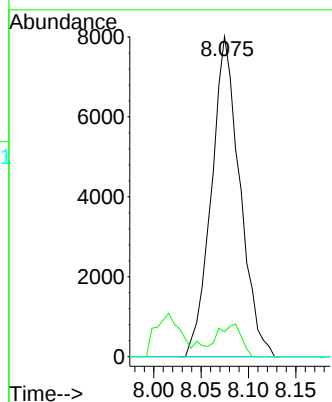
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 75	Resp: 16733
Ion Ratio	Lower Upper
75 100	
110 8.4	18.3 54.8#
77 0.0	25.1 37.7#



#37

Ethyl Acetate

Concen: 5.333 ug/l

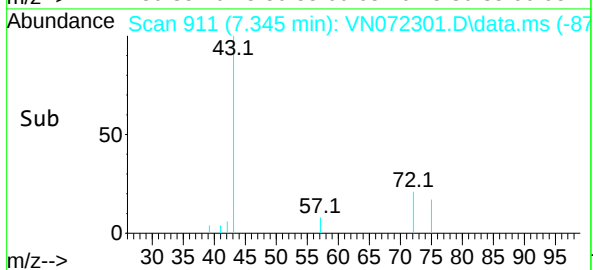
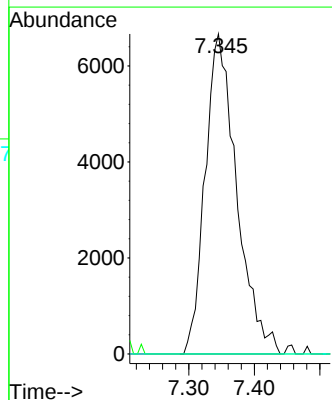
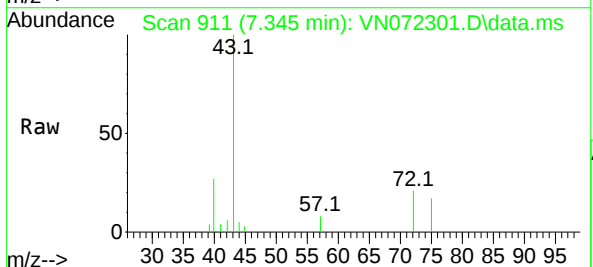
RT: 7.345 min Scan# 911

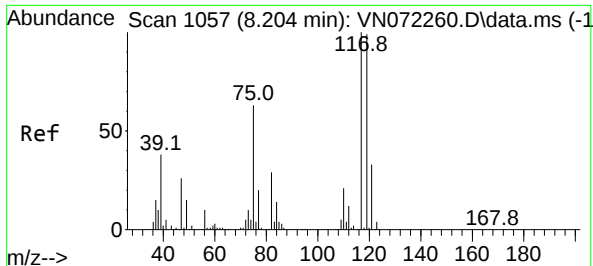
Delta R.T. -0.065 min

Lab File: VN072301.D

Acq: 02 May 2022 18:13

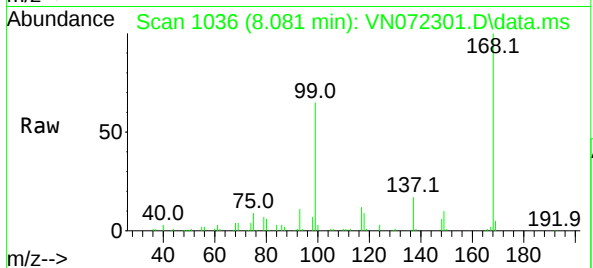
Tgt Ion: 43	Resp: 22295
Ion Ratio	Lower Upper
43 100	
61 0.0	11.8 17.6#
70 0.0	9.3 13.9#



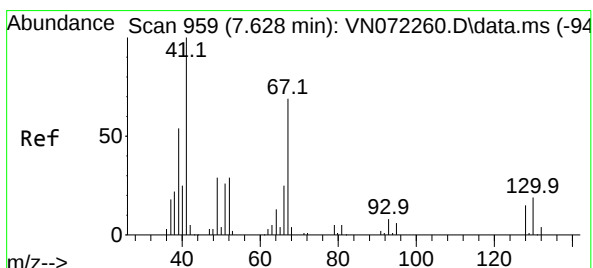
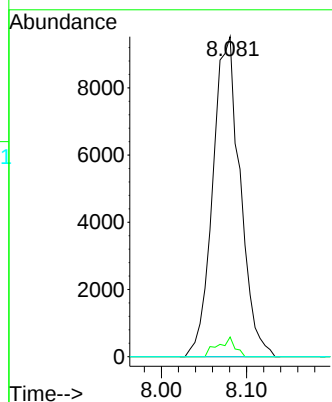
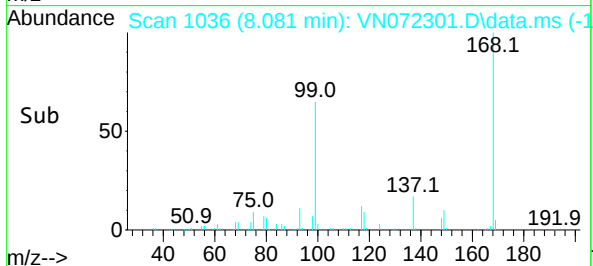


#38
Carbon Tetrachloride
Concen: 6.306 ug/l
RT: 8.081 min Scan# 1057
Delta R.T. -0.123 min
Lab File: VN072301.D
Acq: 02 May 2022 18:13

Instrument :
MSVOA_N
ClientSampleId :

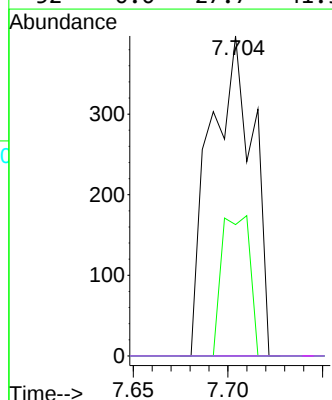
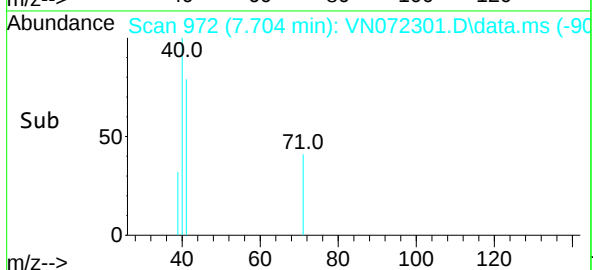
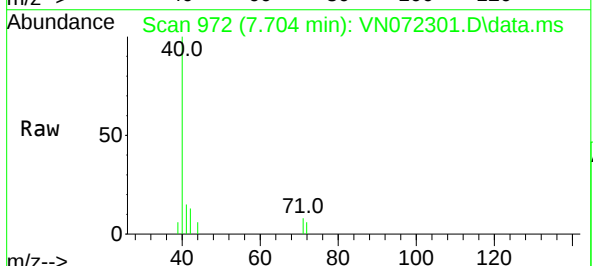


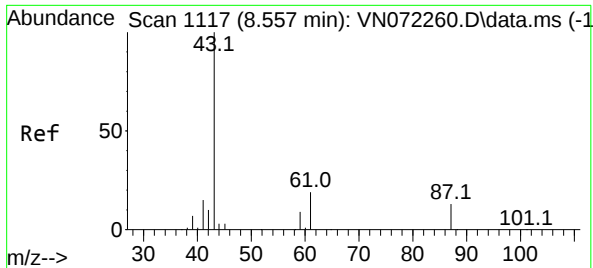
Tgt Ion:117 Resp: 21262
Ion Ratio Lower Upper
117 100
119 6.1 75.8 113.8#
121 0.0 24.6 37.0#



#41
Methacrylonitrile
Concen: 0.295 ug/l
RT: 7.704 min Scan# 972
Delta R.T. 0.070 min
Lab File: VN072301.D
Acq: 02 May 2022 18:13

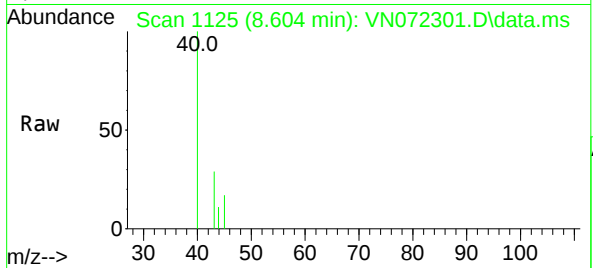
Tgt Ion: 41 Resp: 625
Ion Ratio Lower Upper
41 100
39 28.6 48.6 73.0#
67 0.0 73.4 110.2#
52 0.0 27.7 41.5#



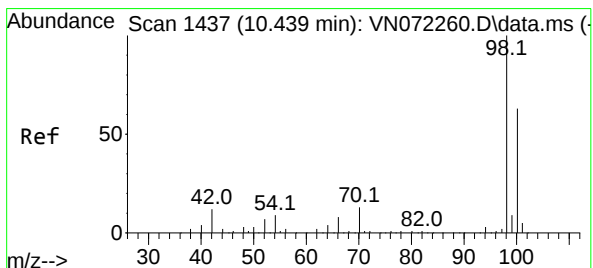
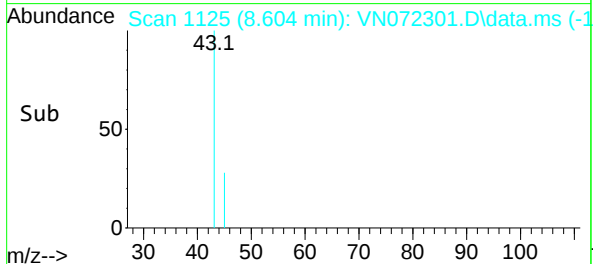
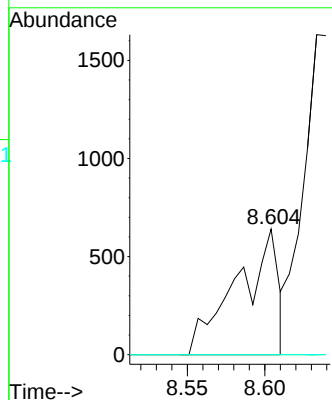


#43
Isopropyl Acetate
Concen: 0.979 ug/l
RT: 8.604 min Scan# 1117
Delta R.T. 0.047 min
Lab File: VN072301.D
Acq: 02 May 2022 18:13

Instrument :
MSVOA_N
ClientSampleId :

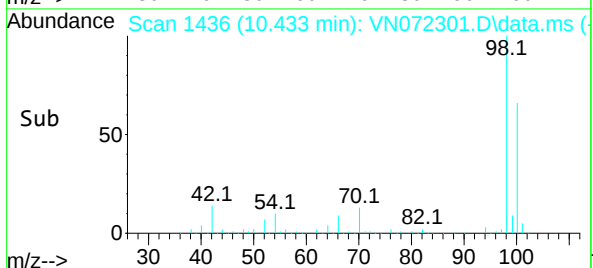
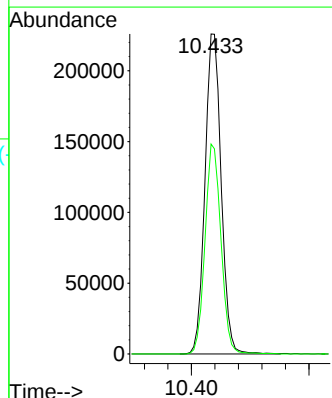
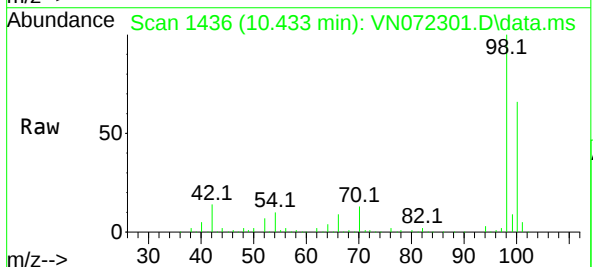


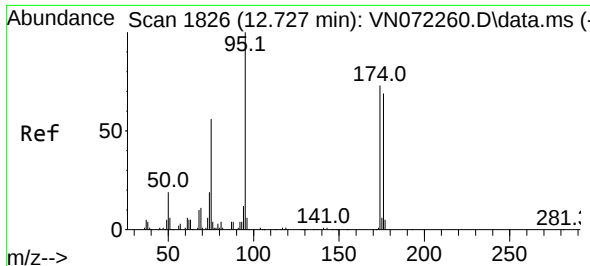
Tgt Ion: 43 Resp: 1187
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 50.763 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. -0.006 min
Lab File: VN072301.D
Acq: 02 May 2022 18:13

Tgt Ion: 98 Resp: 431423
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8

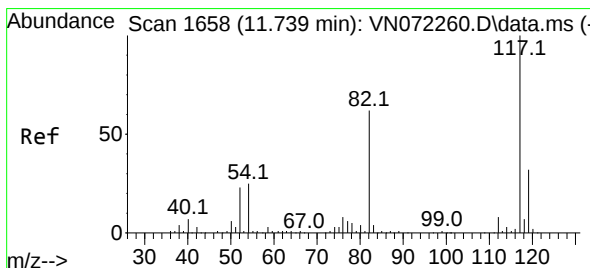
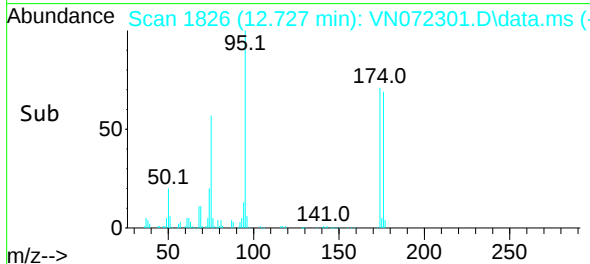
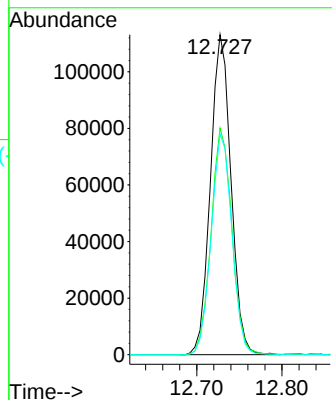
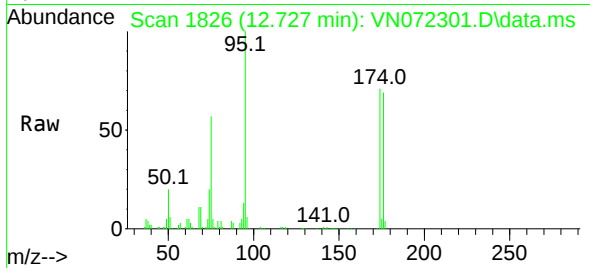




#62
4-Bromofluorobenzene
Concen: 67.139 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072301.D
Acq: 02 May 2022 18:13

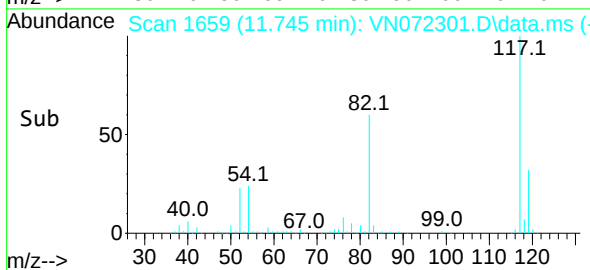
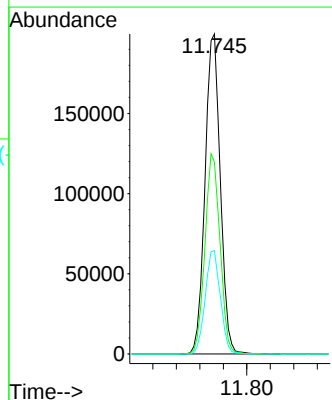
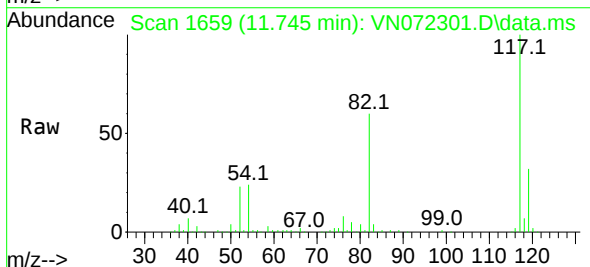
Instrument :
MSVOA_N
ClientSampleId :

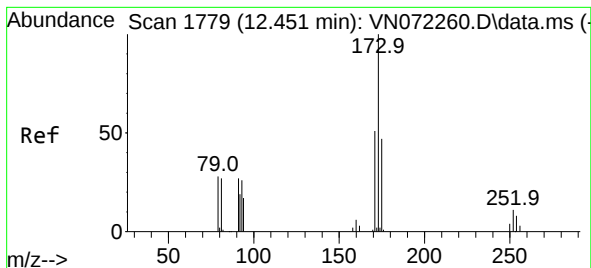
Tgt Ion: 95 Resp: 189393
Ion Ratio Lower Upper
95 100
174 72.0 0.0 167.6
176 69.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN072301.D
Acq: 02 May 2022 18:13

Tgt Ion: 117 Resp: 359584
Ion Ratio Lower Upper
117 100
82 59.9 44.2 66.2
119 32.3 25.4 38.0





#71

Bromoform

Concen: 0.332 ug/l

RT: 12.721 min Scan# 11

Delta R.T. 0.270 min MSVOA_N

Lab File: VN072301.D

Acq: 02 May 2022 18:13

Instrument :

MSVOA_N

ClientSampleId :

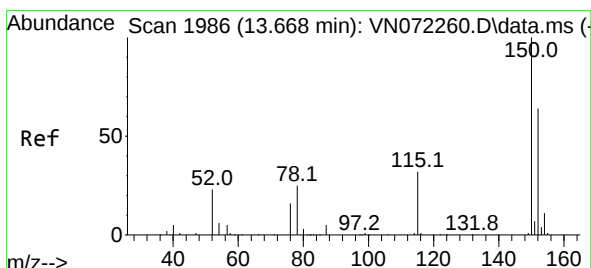
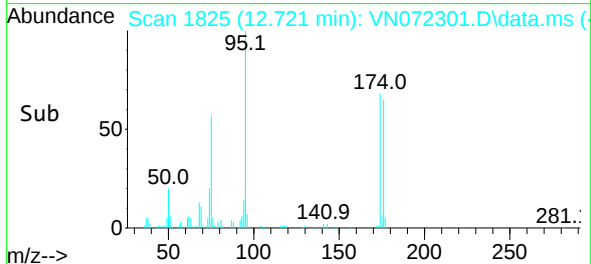
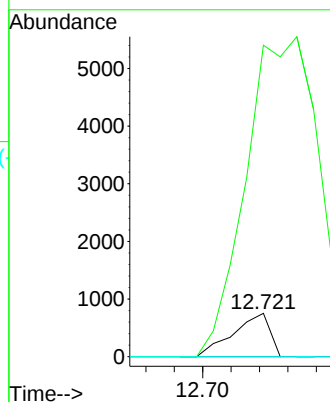
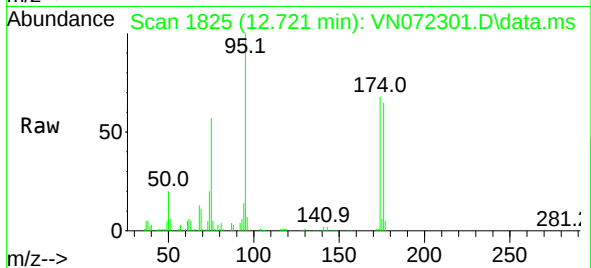
Tgt Ion:173 Resp: 676

Ion Ratio Lower Upper

173 100

175 0.0 24.6 73.6#

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.668 min Scan# 1986

Delta R.T. -0.001 min

Lab File: VN072301.D

Acq: 02 May 2022 18:13

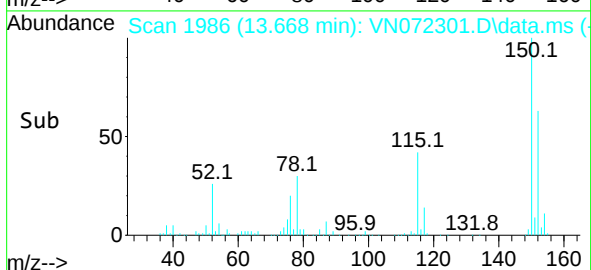
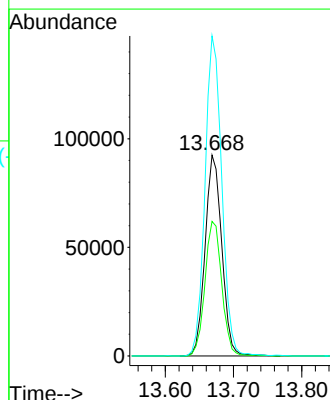
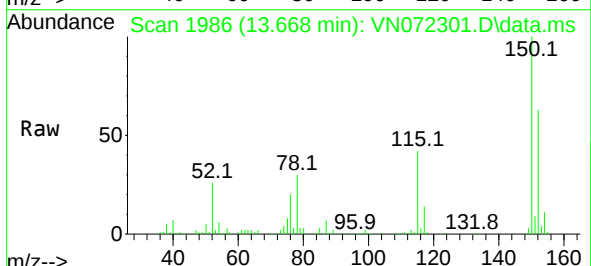
Tgt Ion:152 Resp: 157418

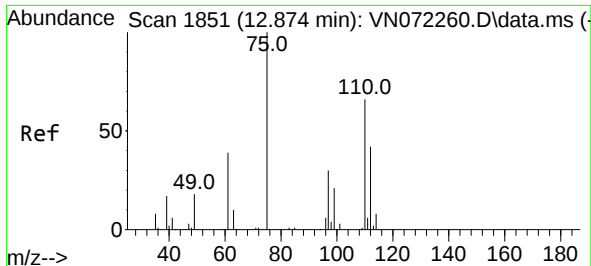
Ion Ratio Lower Upper

152 100

115 67.6 28.9 86.7

150 159.9 0.0 356.2

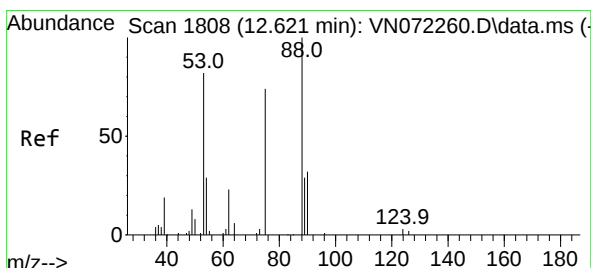
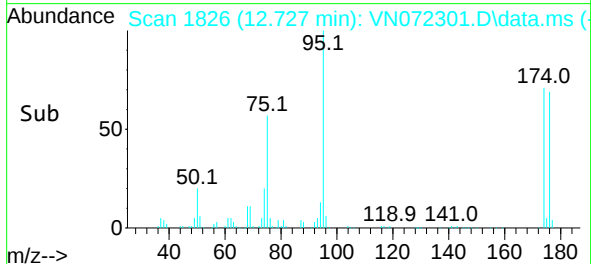
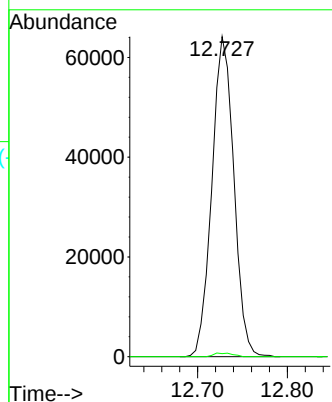
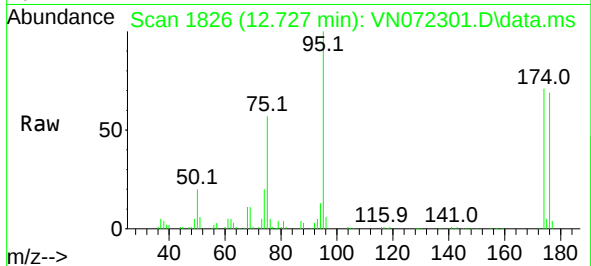




#76
1,2,3-Trichloropropane
Concen: 30.851 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072301.D
Acq: 02 May 2022 18:13

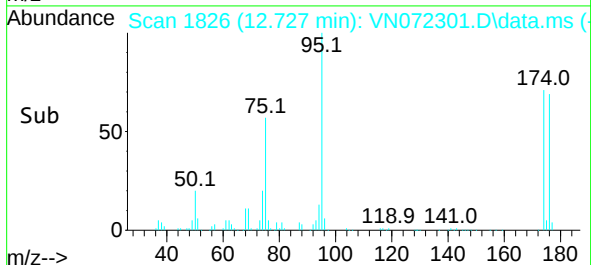
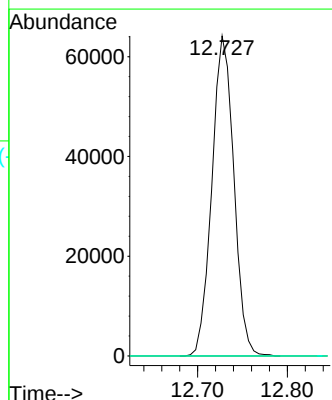
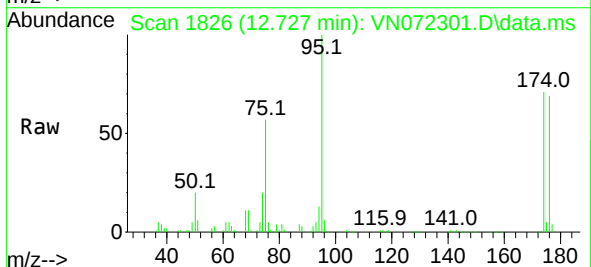
Instrument :
MSVOA_N
ClientSampleId :

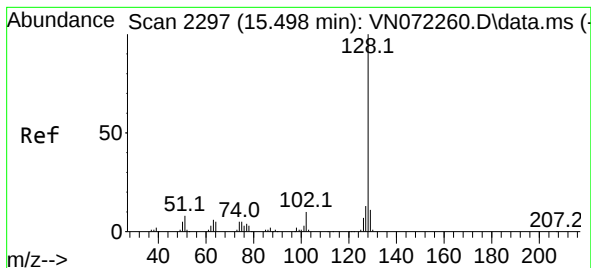
Tgt Ion: 75 Resp: 109106
Ion Ratio Lower Upper
75 100
77 1.0 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.140 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072301.D
Acq: 02 May 2022 18:13

Tgt Ion: 75 Resp: 109106
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#95

Naphthalene

Concen: 4.408 ug/l

RT: 15.509 min Scan# 21

Delta R.T. 0.011 min

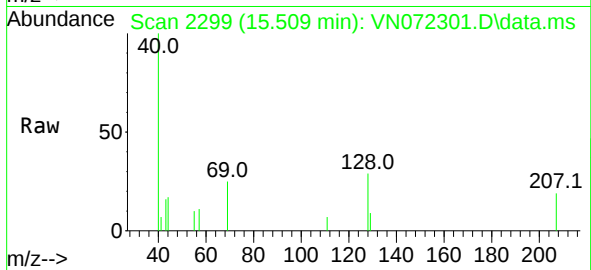
Lab File: VN072301.D

Acq: 02 May 2022 18:13

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:128 Resp: 968

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.6 13.0#

