

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060822\
 Data File : VN072710.D
 Acq On : 08 Jun 2022 21:07
 Operator : JC\MD
 Sample : VN0608WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0608WBL02

Quant Time: Jun 09 05:18:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 05:17:31 2022
 Response via : Initial Calibration

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

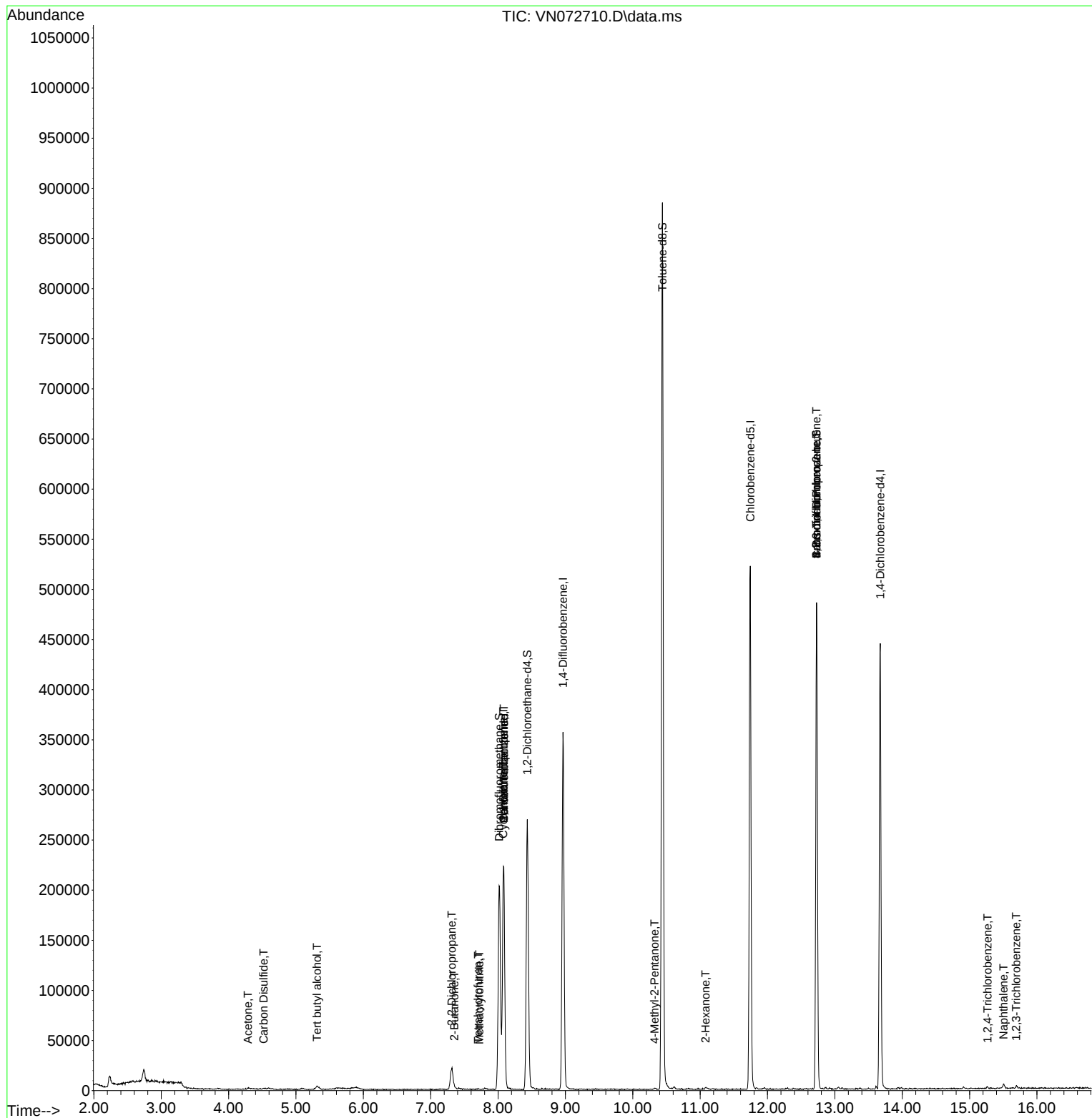
Internal Standards						
1) Pentafluorobenzene	8.087	168	149581	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	285861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	278043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	107453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	222944	55.533	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 111.060%	
35) Dibromofluoromethane	8.016	113	147421	52.119	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 104.240%	
50) Toluene-d8	10.439	98	580920	51.476	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.960%	
62) 4-Bromofluorobenzene	12.727	95	169102	43.667	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 87.340%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.793	94	63	Below Cal	#	2
6) Chloroethane	3.028	64	536	Below Cal	#	42
11) Tert butyl alcohol	5.310	59	2568	2.681	ug/l #	72
16) Acetone	4.287	43	1367	0.711	ug/l #	42
17) Carbon Disulfide	4.522	76	816	0.445	ug/l #	75
20) Methylene Chloride	5.081	84	488	Below Cal	#	74
25) 2-Butanone	7.351	43	1315	0.425	ug/l #	45
26) 2,2-Dichloropropane	7.310	77	1476	0.311	ug/l #	53
29) Tetrahydrofuran	7.704	42	799	0.418	ug/l #	40
31) Cyclohexane	8.075	56	4756	0.414	ug/l #	51
36) 1,1-Dichloropropene	8.081	75	15687	3.995	ug/l #	49
38) Carbon Tetrachloride	8.087	117	18170	4.331	ug/l #	17
41) Methacrylonitrile	7.722	41	451	0.219	ug/l #	28
51) 4-Methyl-2-Pentanone	10.322	43	1322	0.214	ug/l #	76
59) 2-Hexanone	11.080	43	2056	0.452	ug/l	83
71) Bromoform	12.727	173	1055	0.509	ug/l #	28
76) 1,2,3-Trichloropropane	12.727	75	97966	28.253	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	97966	73.889	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.268	180	805	0.442	ug/l	94
95) Naphthalene	15.504	128	5285	0.749	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.692	180	695	0.384	ug/l #	57

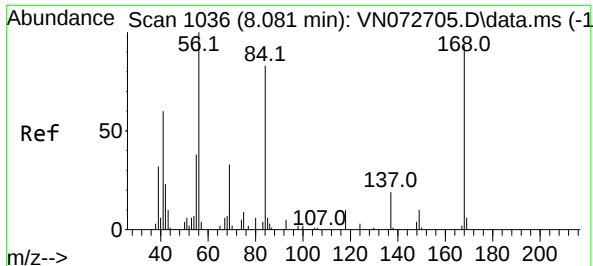
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VN0608WBL02

Quant Time: Jun 09 05:18:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 09 05:17:31 2022
Response via : Initial Calibration

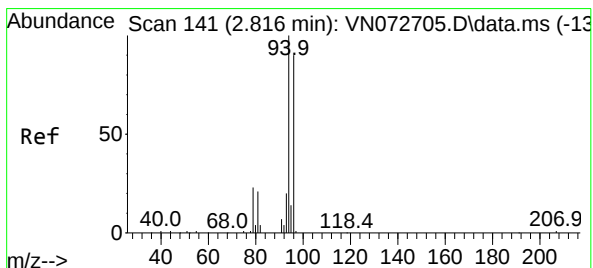
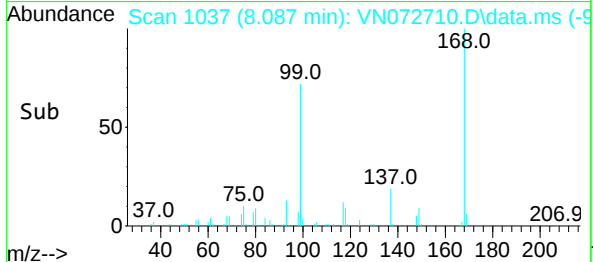
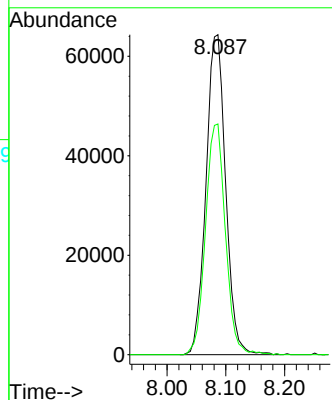
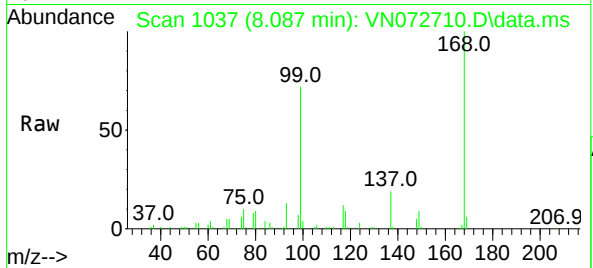




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072710.D
Acq: 08 Jun 2022 21:07

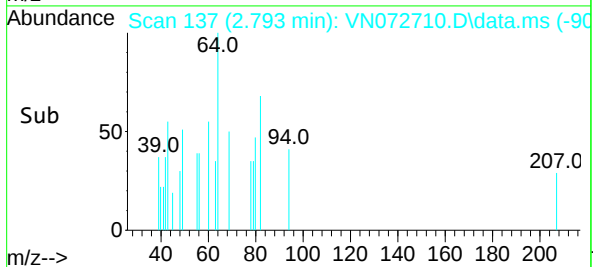
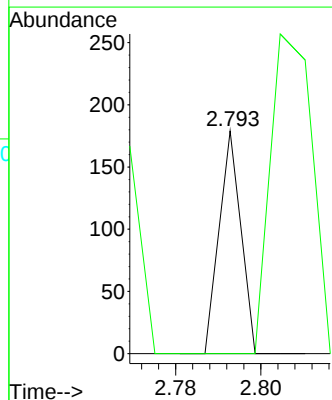
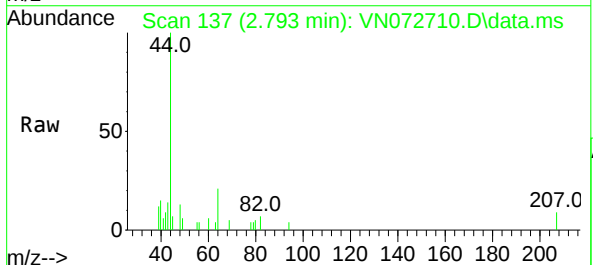
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBL02

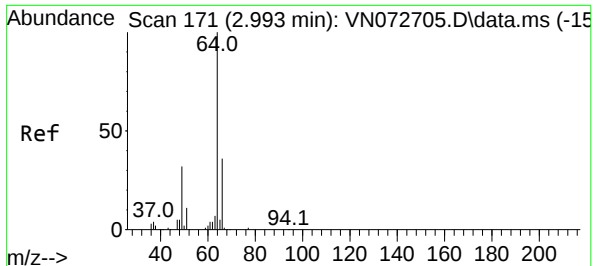
Tgt Ion:168 Resp: 149581
Ion Ratio Lower Upper
168 100
99 72.1 42.3 63.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.793 min Scan# 137
Delta R.T. -0.023 min
Lab File: VN072710.D
Acq: 08 Jun 2022 21:07

Tgt Ion: 94 Resp: 63
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#

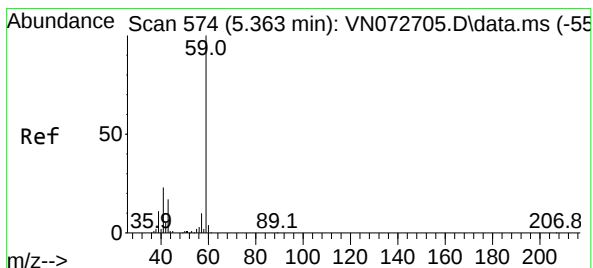
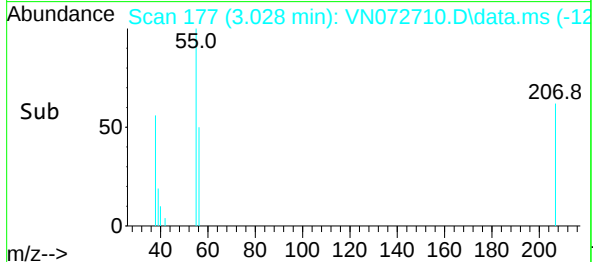
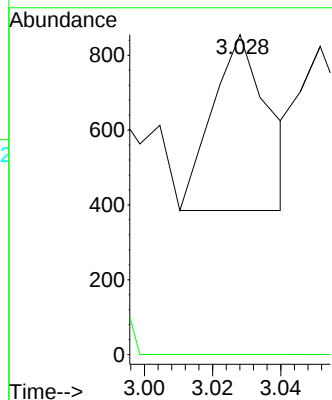
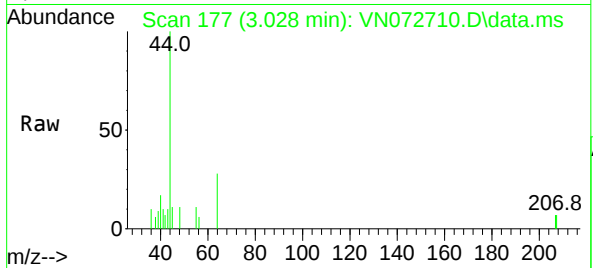




#6
Chloroethane
Concen: Below Cal
RT: 3.028 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN072710.D
Acq: 08 Jun 2022 21:07

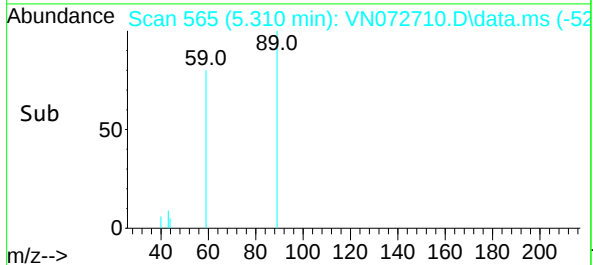
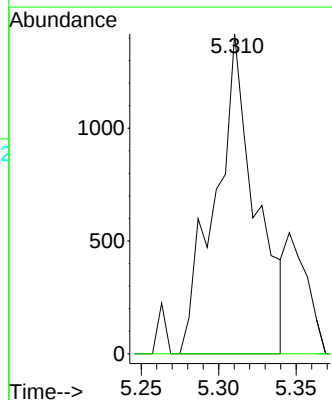
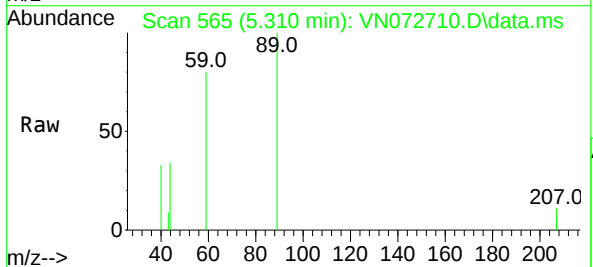
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBL02

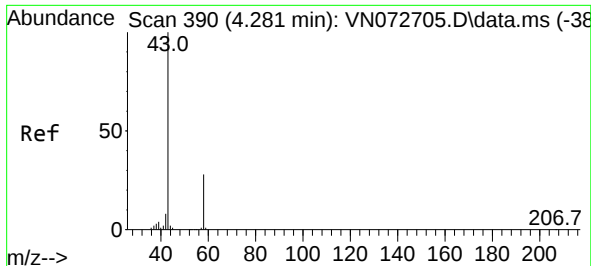
Tgt Ion: 64 Resp: 536
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 2.681 ug/l
RT: 5.310 min Scan# 565
Delta R.T. -0.053 min
Lab File: VN072710.D
Acq: 08 Jun 2022 21:07

Tgt Ion: 59 Resp: 2568
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

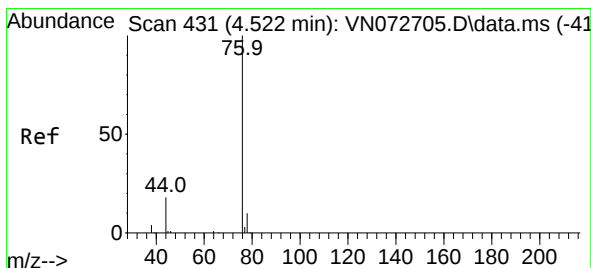
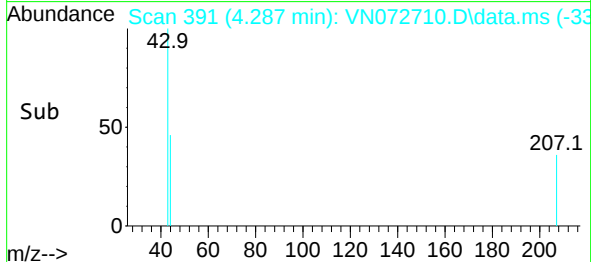
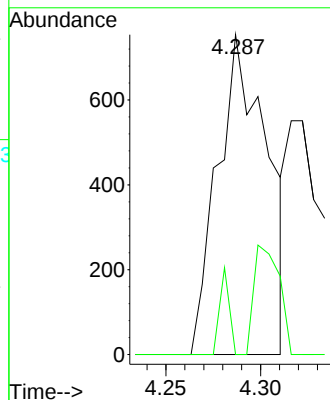
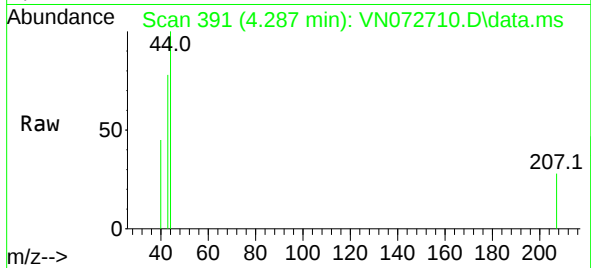




#16
Acetone
Concen: 0.711 ug/l
RT: 4.287 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN072710.D
Acq: 08 Jun 2022 21:07

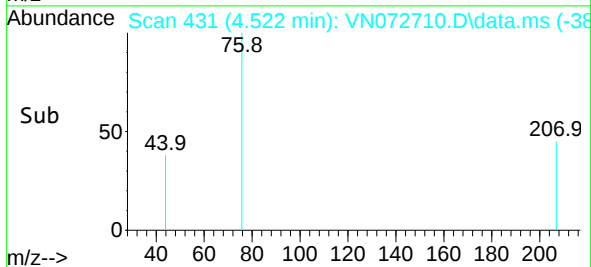
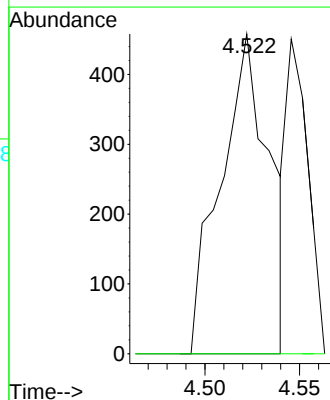
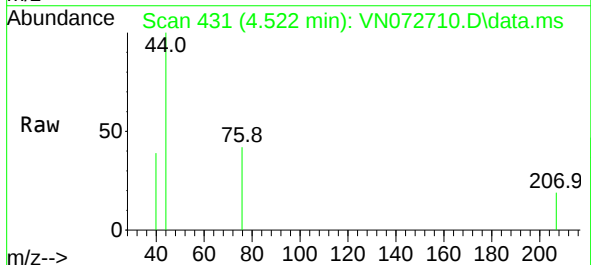
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBL02

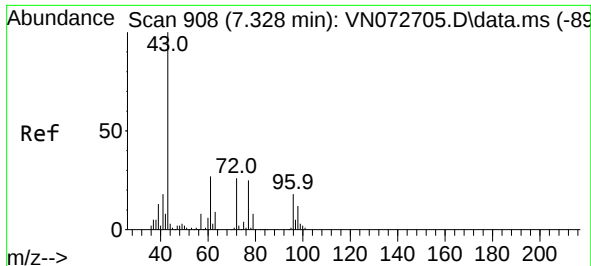
Tgt Ion: 43 Resp: 1367
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#17
Carbon Disulfide
Concen: 0.445 ug/l
RT: 4.522 min Scan# 431
Delta R.T. 0.000 min
Lab File: VN072710.D
Acq: 08 Jun 2022 21:07

Tgt Ion: 76 Resp: 816
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

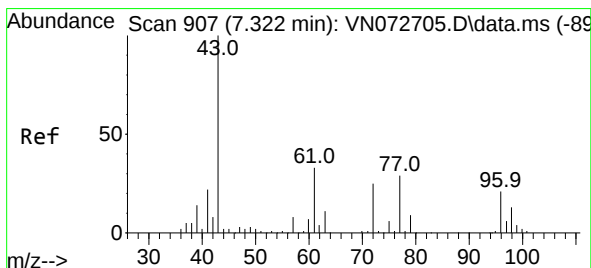
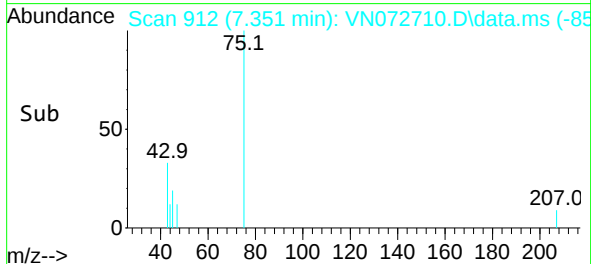
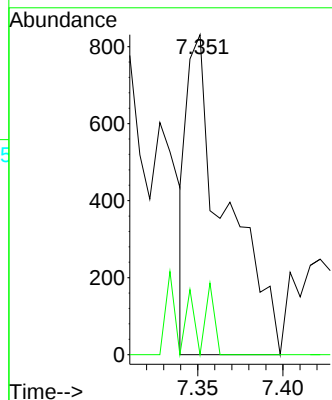
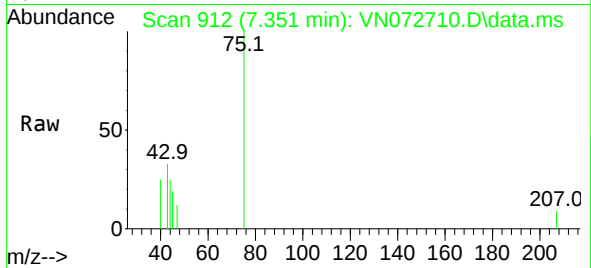




#25
2-Butanone
Concen: 0.425 ug/l
RT: 7.351 min Scan# 912
Delta R.T. 0.023 min
Lab File: VN072710.D
Acq: 08 Jun 2022 21:07

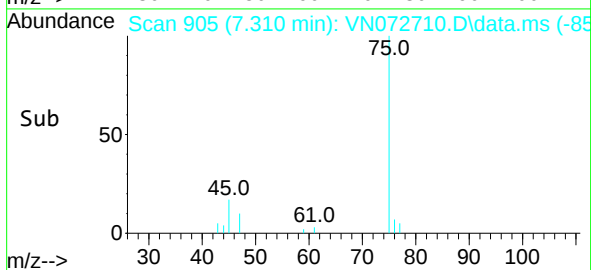
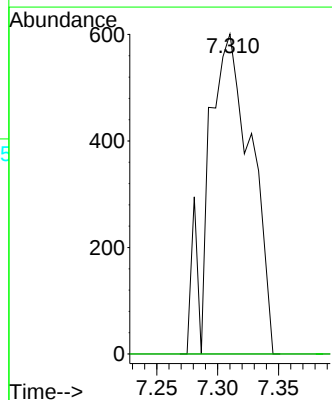
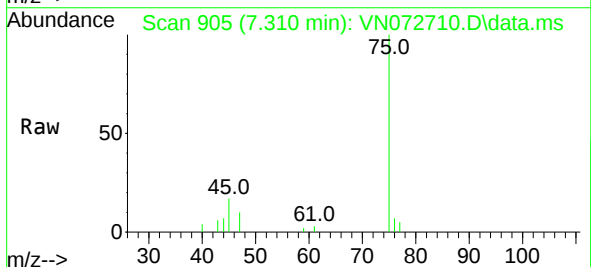
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBL02

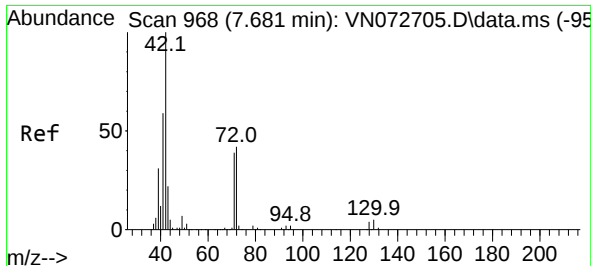
Tgt Ion: 43 Resp: 1315
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#26
2,2-Dichloropropane
Concen: 0.311 ug/l
RT: 7.310 min Scan# 905
Delta R.T. -0.012 min
Lab File: VN072710.D
Acq: 08 Jun 2022 21:07

Tgt Ion: 77 Resp: 1476
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#





#29

Tetrahydrofuran

Concen: 0.418 ug/l

RT: 7.704 min Scan# 91

Delta R.T. 0.023 min

Lab File: VN072710.D

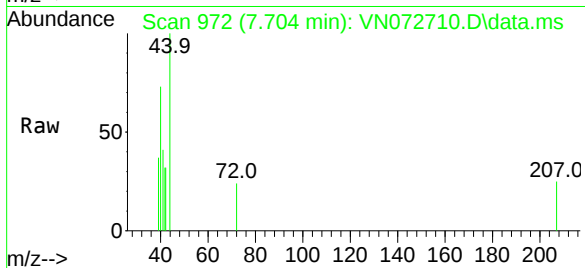
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Instrument :

MSVOA_N

ClientSampleId :

VN0608WBL02



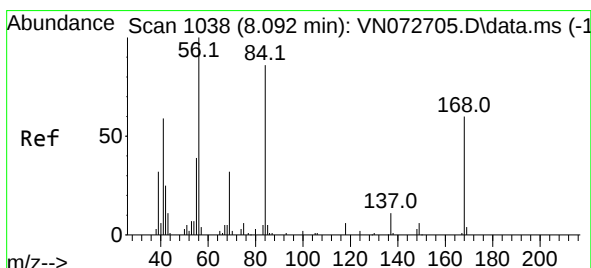
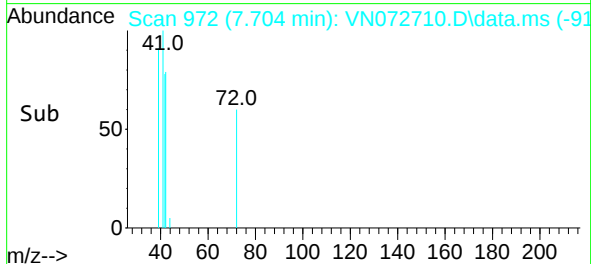
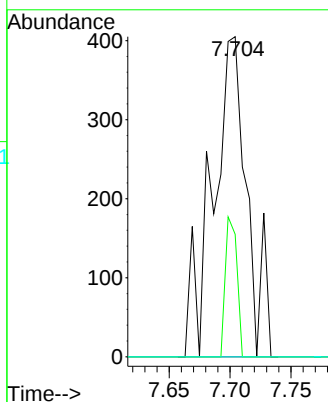
Tgt Ion: 42 Resp: 799

Ion Ratio Lower Upper

42 100

72 14.6 39.7 59.5#

71 0.0 36.6 55.0#



#31

Cyclohexane

Concen: 0.414 ug/l

RT: 8.075 min Scan# 1035

Delta R.T. -0.017 min

Lab File: VN072710.D

Acq: 08 Jun 2022 21:07

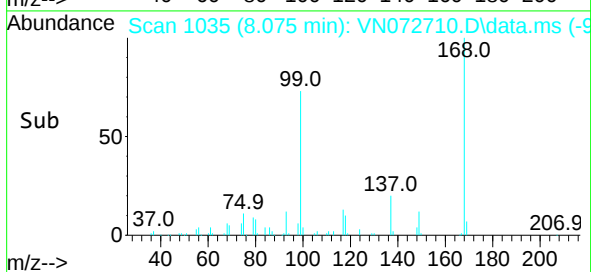
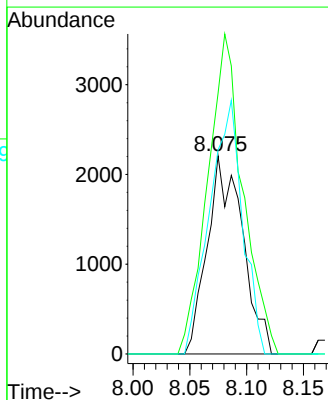
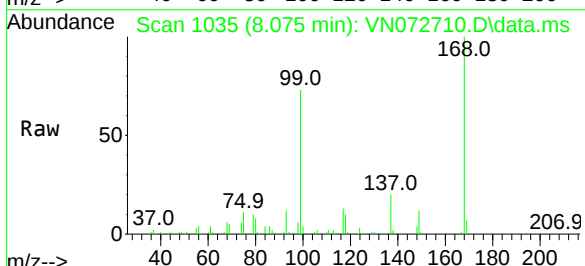
Tgt Ion: 56 Resp: 4756

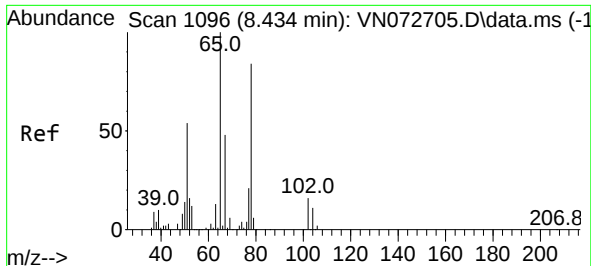
Ion Ratio Lower Upper

56 100

69 131.4 27.8 41.8#

84 102.9 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 55.533 ug/l

RT: 8.434 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VN072710.D

Acq: 08 Jun 2022 21:07

Instrument :

MSVOA_N

ClientSampleId :

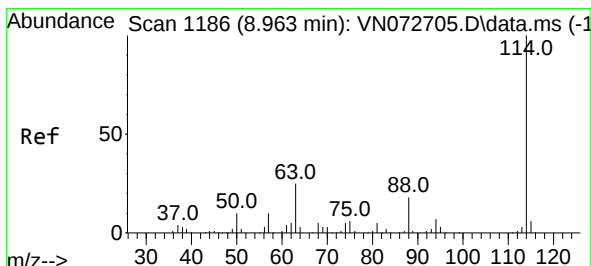
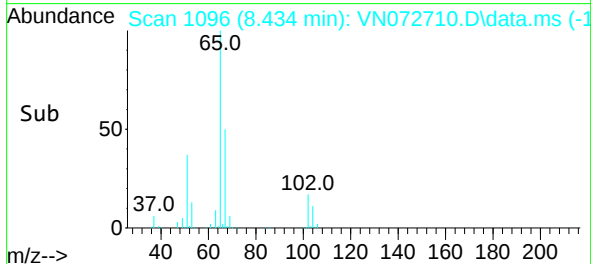
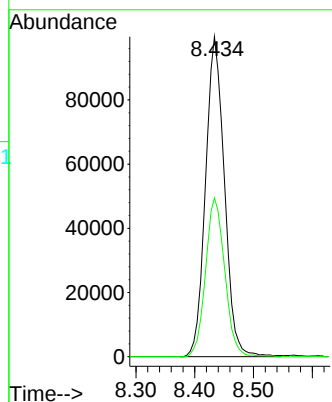
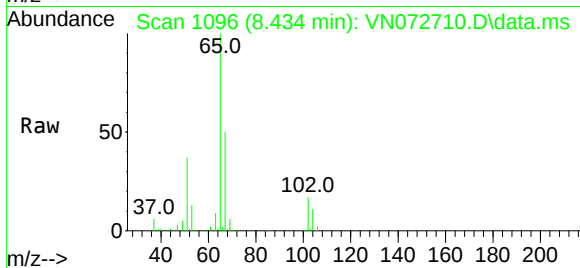
VN0608WBL02

Tgt Ion: 65 Resp: 222944

Ion Ratio Lower Upper

65 100

67 50.3 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: VN072710.D

Acq: 08 Jun 2022 21:07

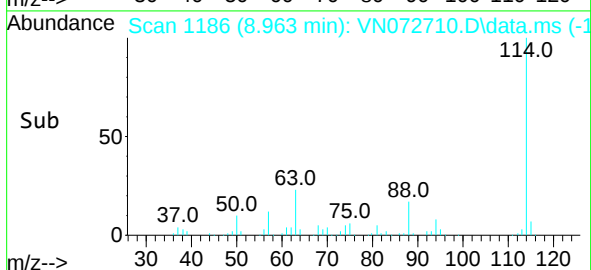
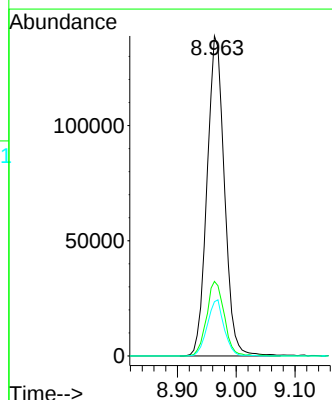
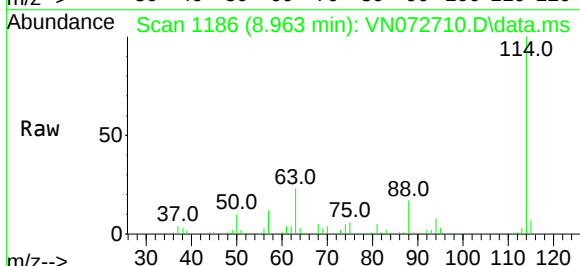
Tgt Ion: 114 Resp: 285861

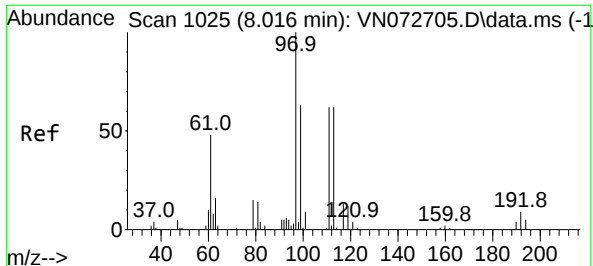
Ion Ratio Lower Upper

114 100

63 23.3 0.0 40.0

88 17.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.119 ug/l

RT: 8.016 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN072710.D

Acq: 08 Jun 2022 21:07

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBL02

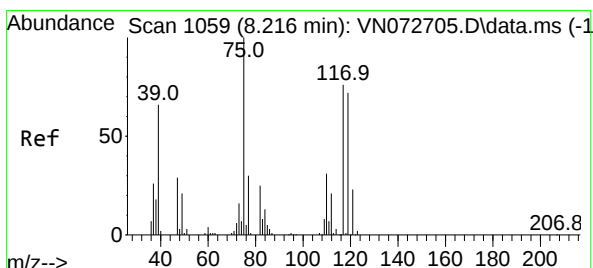
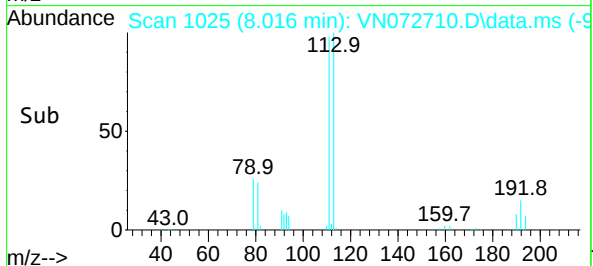
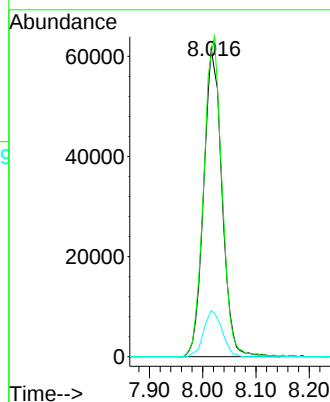
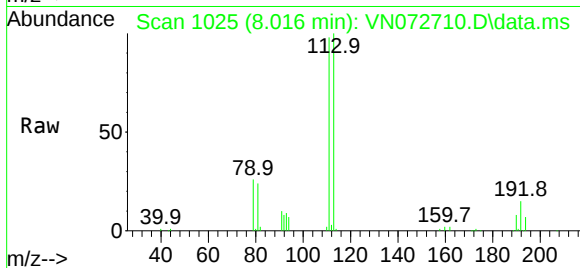
Tgt Ion:113 Resp: 147421

Ion Ratio Lower Upper

113 100

111 103.9 81.4 122.0

192 15.0 17.0 25.6#



#36

1,1-Dichloropropene

Concen: 3.995 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN072710.D

Acq: 08 Jun 2022 21:07

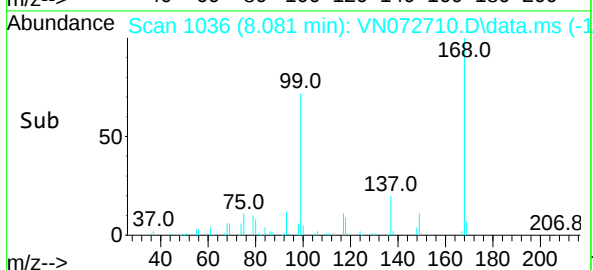
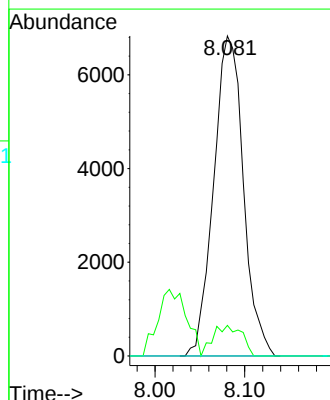
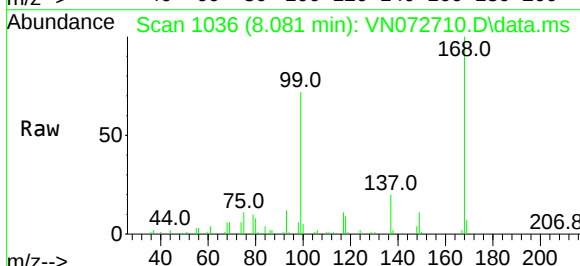
Tgt Ion: 75 Resp: 15687

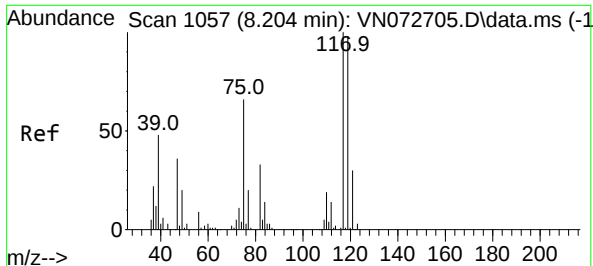
Ion Ratio Lower Upper

75 100

110 9.2 18.3 54.8#

77 0.0 25.1 37.7#

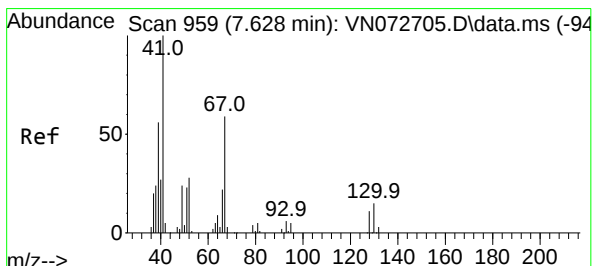
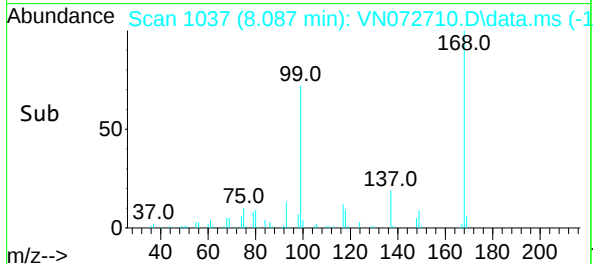
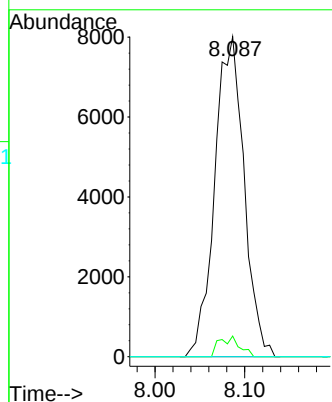
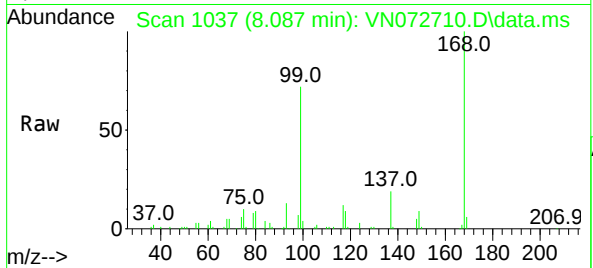




#38
Carbon Tetrachloride
Concen: 4.331 ug/l
RT: 8.087 min Scan# 1057
Delta R.T. -0.117 min
Lab File: VN072710.D
Acq: 08 Jun 2022 21:07

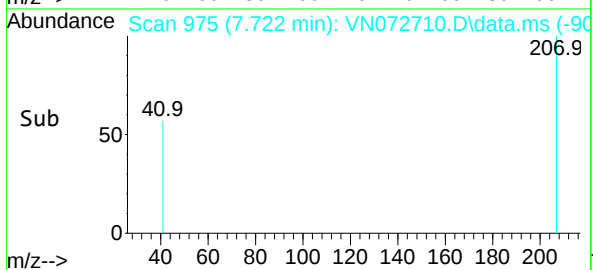
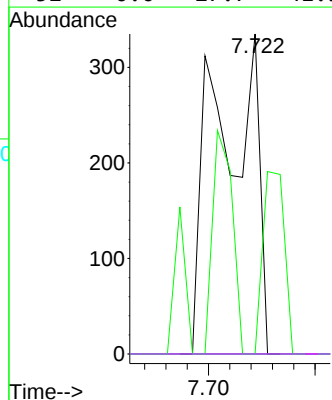
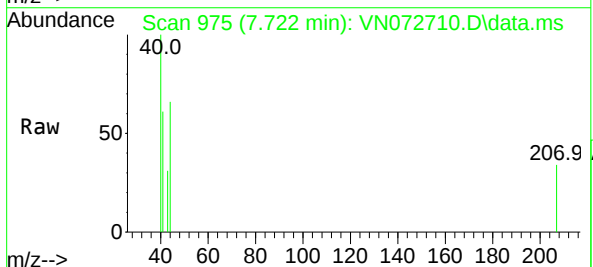
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBL02

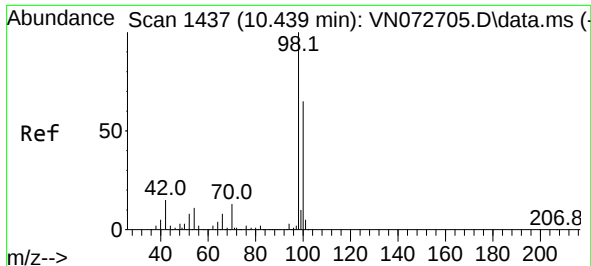
Tgt Ion:117 Resp: 18170
Ion Ratio Lower Upper
117 100
119 6.5 75.8 113.8#
121 0.0 24.6 37.0#



#41
Methacrylonitrile
Concen: 0.219 ug/l
RT: 7.722 min Scan# 975
Delta R.T. 0.094 min
Lab File: VN072710.D
Acq: 08 Jun 2022 21:07

Tgt Ion: 41 Resp: 451
Ion Ratio Lower Upper
41 100
39 29.7 48.6 73.0#
67 0.0 73.4 110.2#
52 0.0 27.7 41.5#

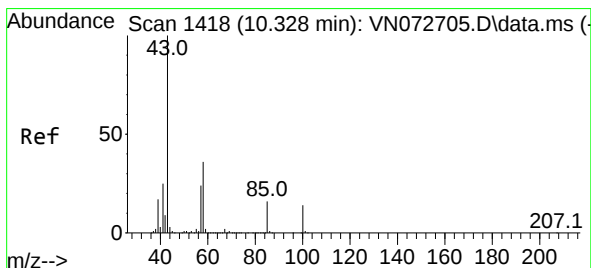
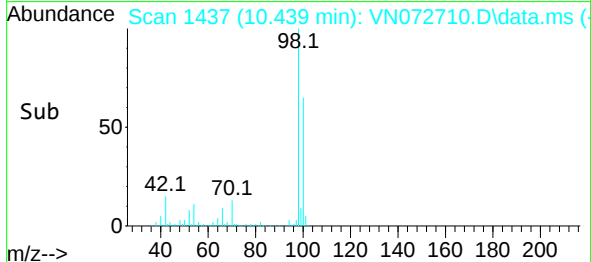
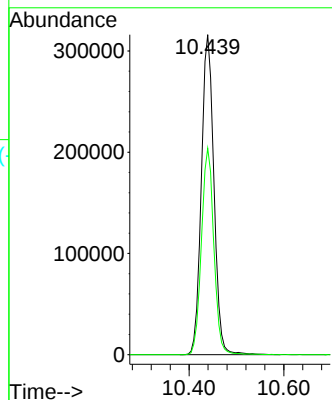
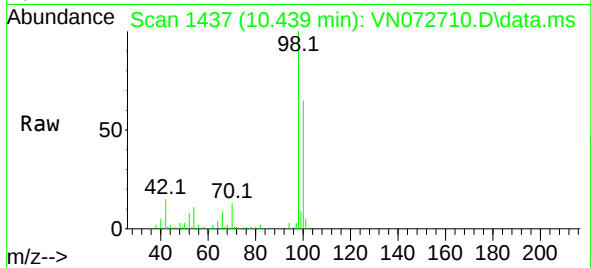




#50
Toluene-d8
Concen: 51.476 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072710.D
Acq: 08 Jun 2022 21:07

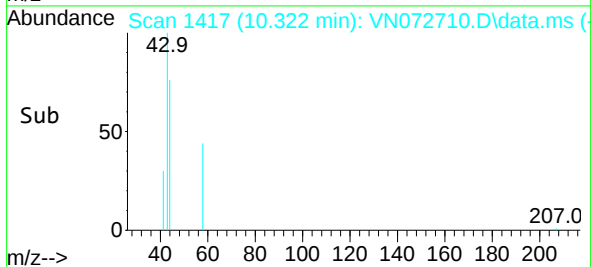
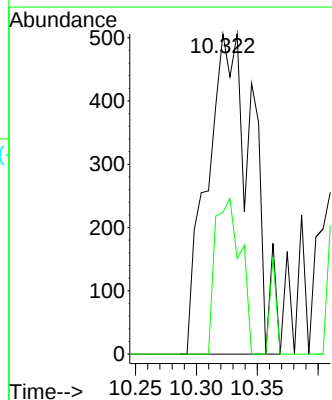
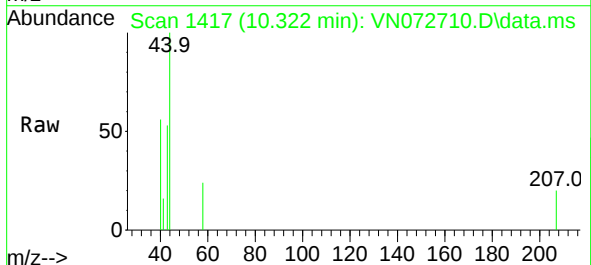
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBL02

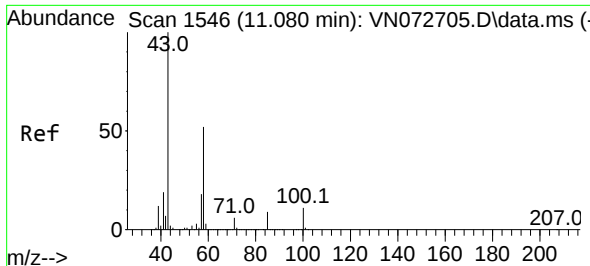
Tgt Ion: 98 Resp: 580920
Ion Ratio Lower Upper
98 100
100 63.9 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.214 ug/l
RT: 10.322 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN072710.D
Acq: 08 Jun 2022 21:07

Tgt Ion: 43 Resp: 1322
Ion Ratio Lower Upper
43 100
58 27.0 34.1 51.1#

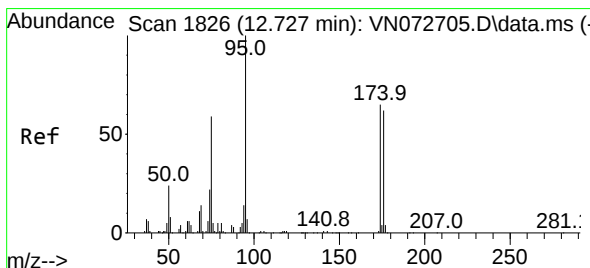
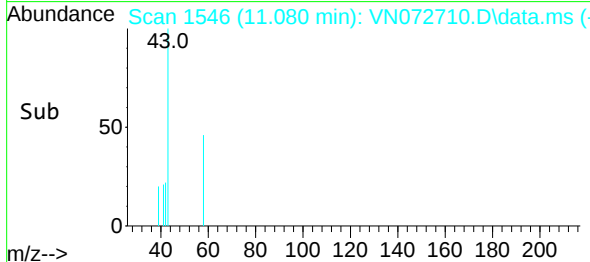
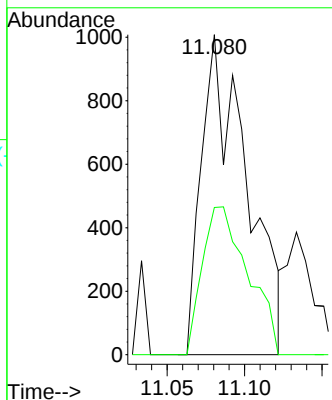
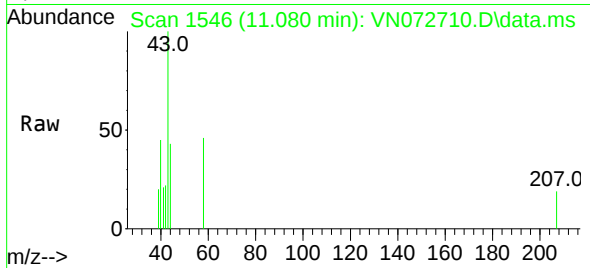




#59
2-Hexanone
Concen: 0.452 ug/l
RT: 11.080 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072710.D
Acq: 08 Jun 2022 21:07

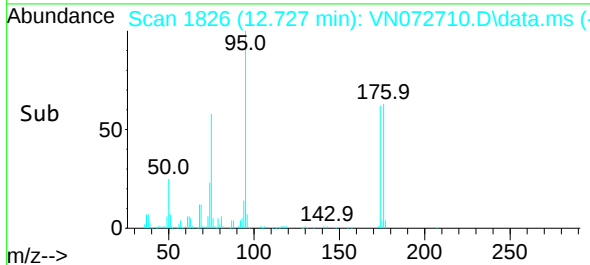
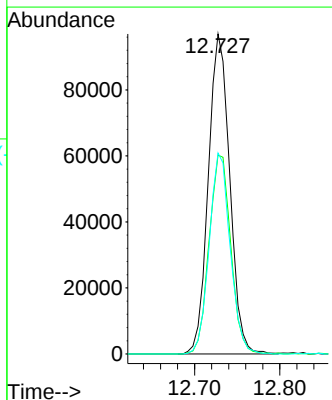
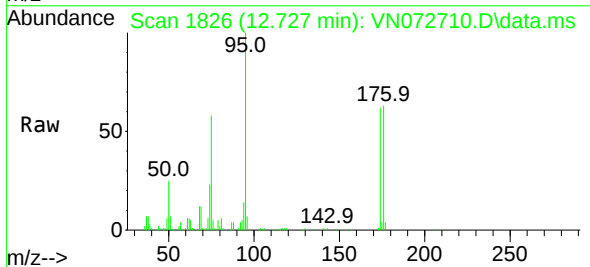
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBL02

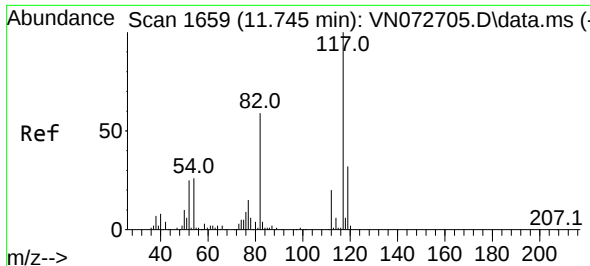
Tgt Ion: 43 Resp: 2056
Ion Ratio Lower Upper
43 100
58 46.4 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 43.667 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072710.D
Acq: 08 Jun 2022 21:07

Tgt Ion: 95 Resp: 169102
Ion Ratio Lower Upper
95 100
174 63.1 0.0 167.6
176 61.5 0.0 163.4

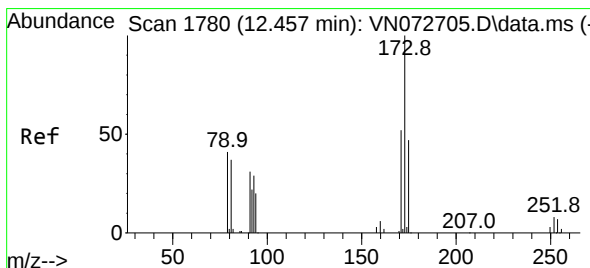
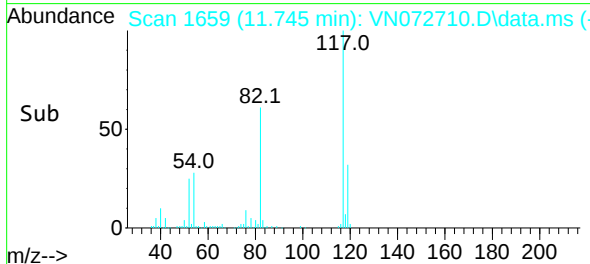
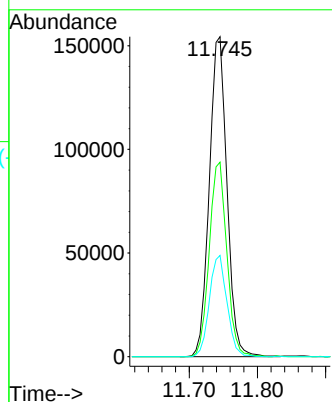
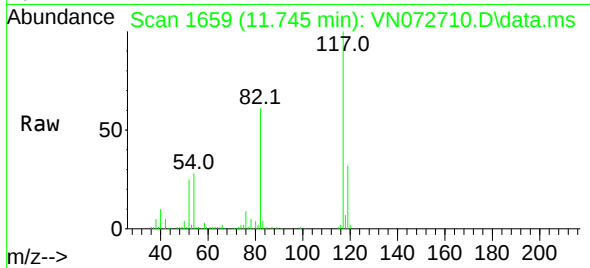




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN072710.D
Acq: 08 Jun 2022 21:07

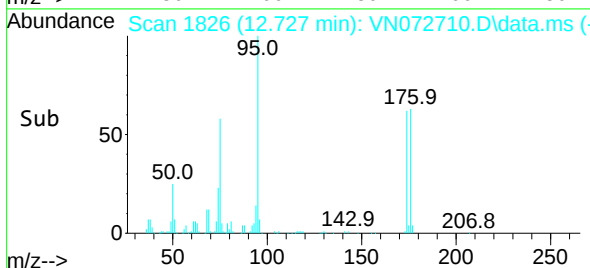
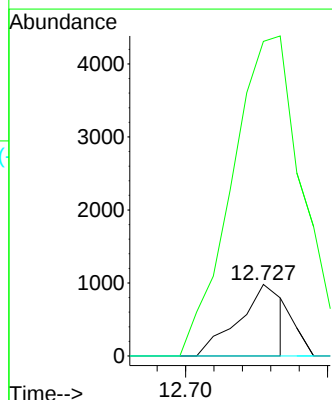
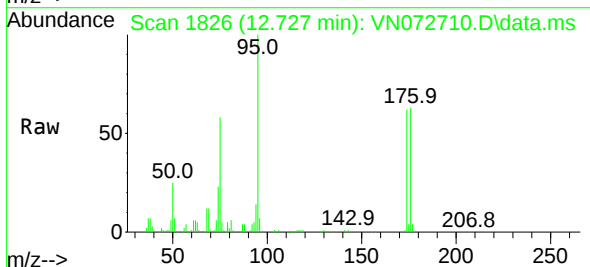
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBL02

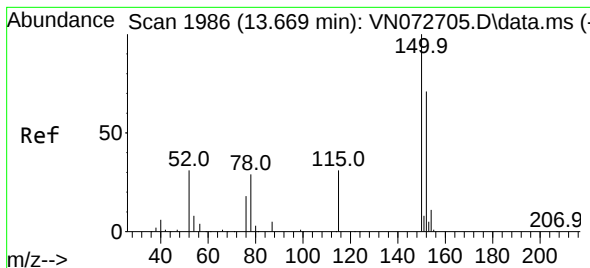
Tgt Ion:117 Resp: 278043
Ion Ratio Lower Upper
117 100
82 60.8 44.2 66.2
119 31.6 25.4 38.0



#71
Bromoform
Concen: 0.509 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.270 min
Lab File: VN072710.D
Acq: 08 Jun 2022 21:07

Tgt Ion:173 Resp: 1055
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#

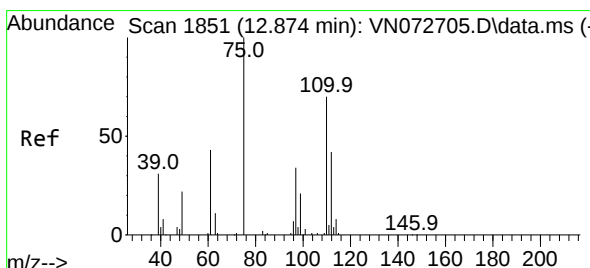
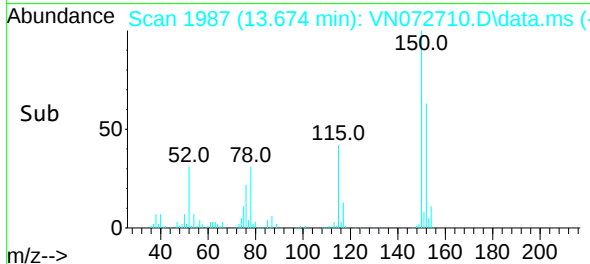
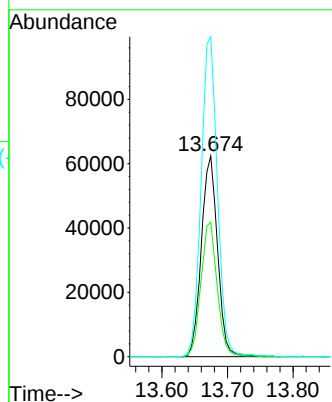
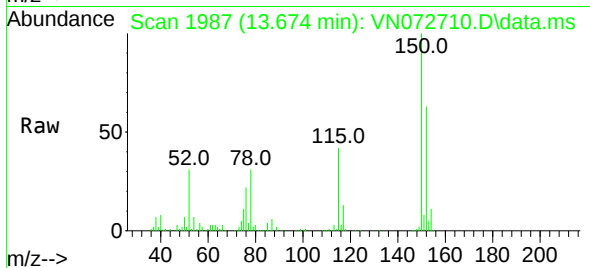




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1986
Delta R.T. 0.005 min
Lab File: VN072710.D
Acq: 08 Jun 2022 21:07

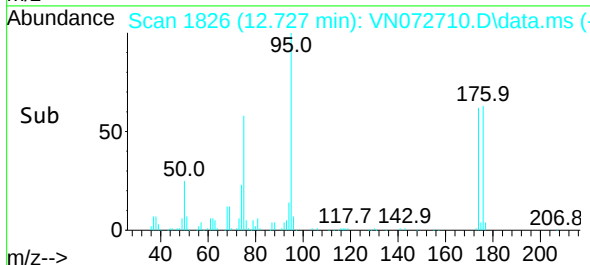
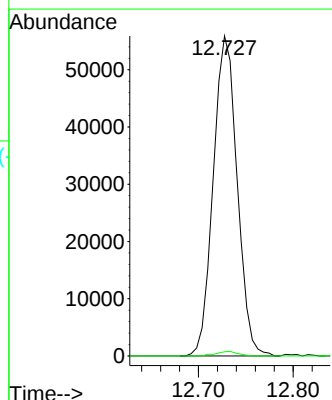
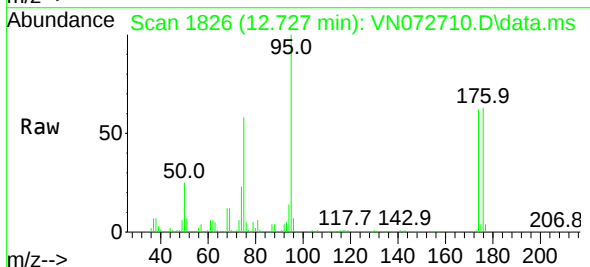
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBL02

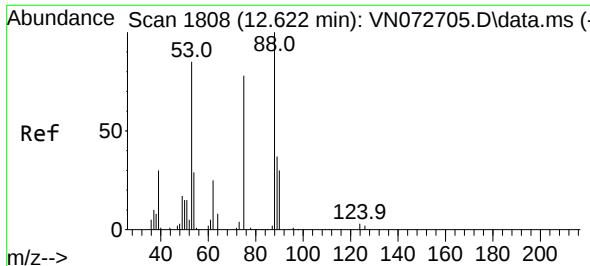
Tgt Ion:152 Resp: 107453
Ion Ratio Lower Upper
152 100
115 67.1 28.9 86.7
150 160.3 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 28.253 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072710.D
Acq: 08 Jun 2022 21:07

Tgt Ion: 75 Resp: 97966
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#

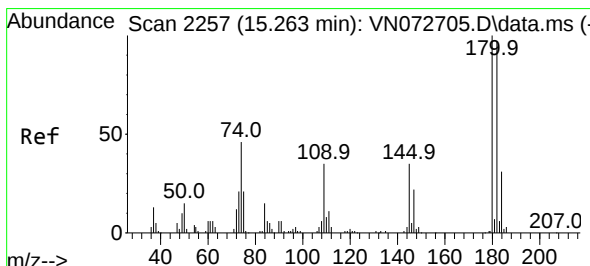
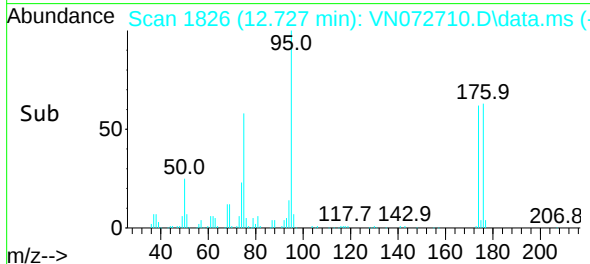
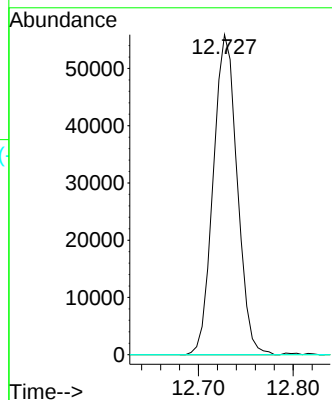
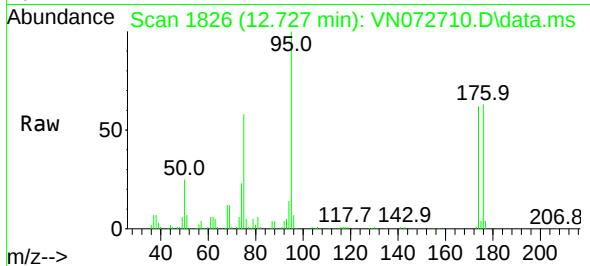




#81
trans-1,4-Dichloro-2-butene
Concen: 73.889 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN072710.D
Acq: 08 Jun 2022 21:07

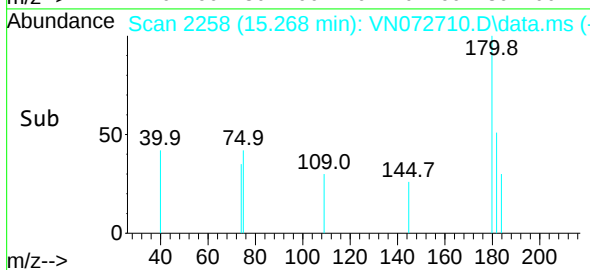
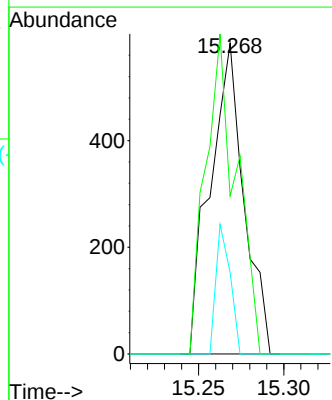
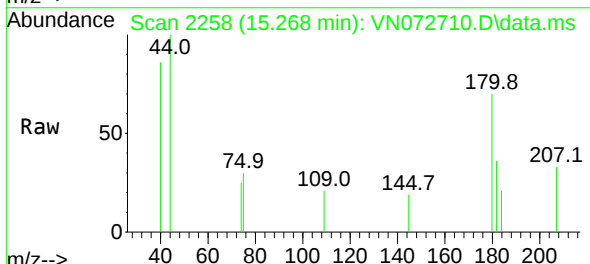
Instrument :
MSVOA_N
ClientSampleId :
VN0608WBL02

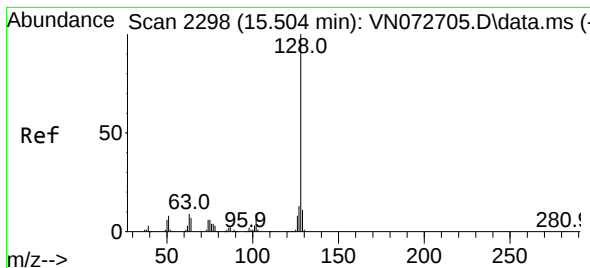
Tgt Ion: 75 Resp: 97966
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#93
1,2,4-Trichlorobenzene
Concen: 0.442 ug/l
RT: 15.268 min Scan# 2258
Delta R.T. 0.005 min
Lab File: VN072710.D
Acq: 08 Jun 2022 21:07

Tgt Ion: 180 Resp: 805
Ion Ratio Lower Upper
180 100
182 93.8 47.5 142.5
145 17.4 14.5 43.5





#95

Naphthalene

Concen: 0.749 ug/l

RT: 15.504 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN072710.D

Acq: 08 Jun 2022 21:07

Instrument :

MSVOA_N

ClientSampleId :

VN0608WBL02

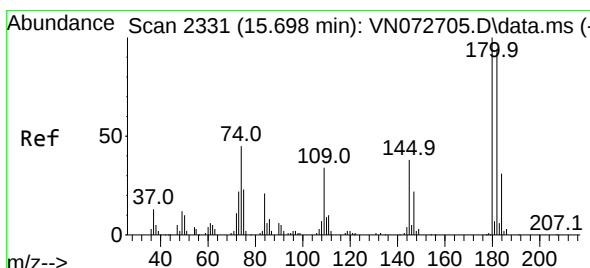
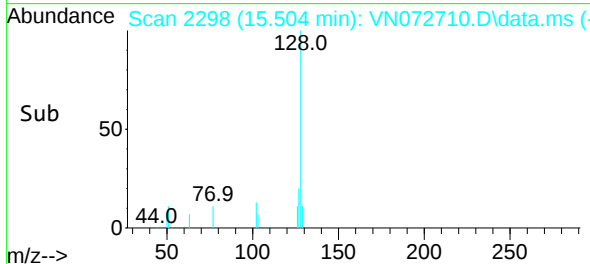
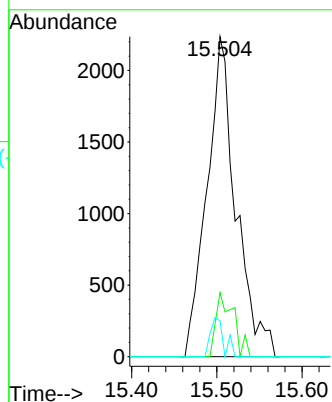
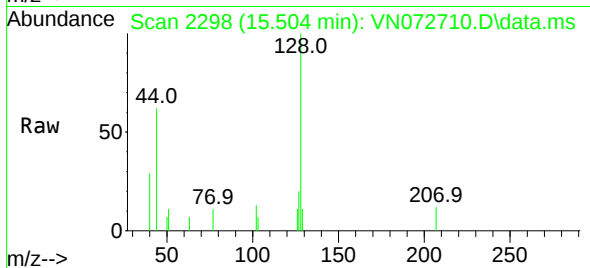
Tgt Ion:128 Resp: 5285

Ion Ratio Lower Upper

128 100

127 12.1 10.3 15.5

129 5.6 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 0.384 ug/l

RT: 15.692 min Scan# 2330

Delta R.T. -0.006 min

Lab File: VN072710.D

Acq: 08 Jun 2022 21:07

Tgt Ion:180 Resp: 695

Ion Ratio Lower Upper

180 100

182 141.3 47.8 143.3

145 47.3 15.5 46.5#

