

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
 Data File : VN072612.D
 Acq On : 25 May 2022 01:45
 Operator : JC\MD
 Sample : N3026-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 N48967

Quant Time: May 25 09:25:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 25 09:15:20 2022
 Response via : Initial Calibration

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

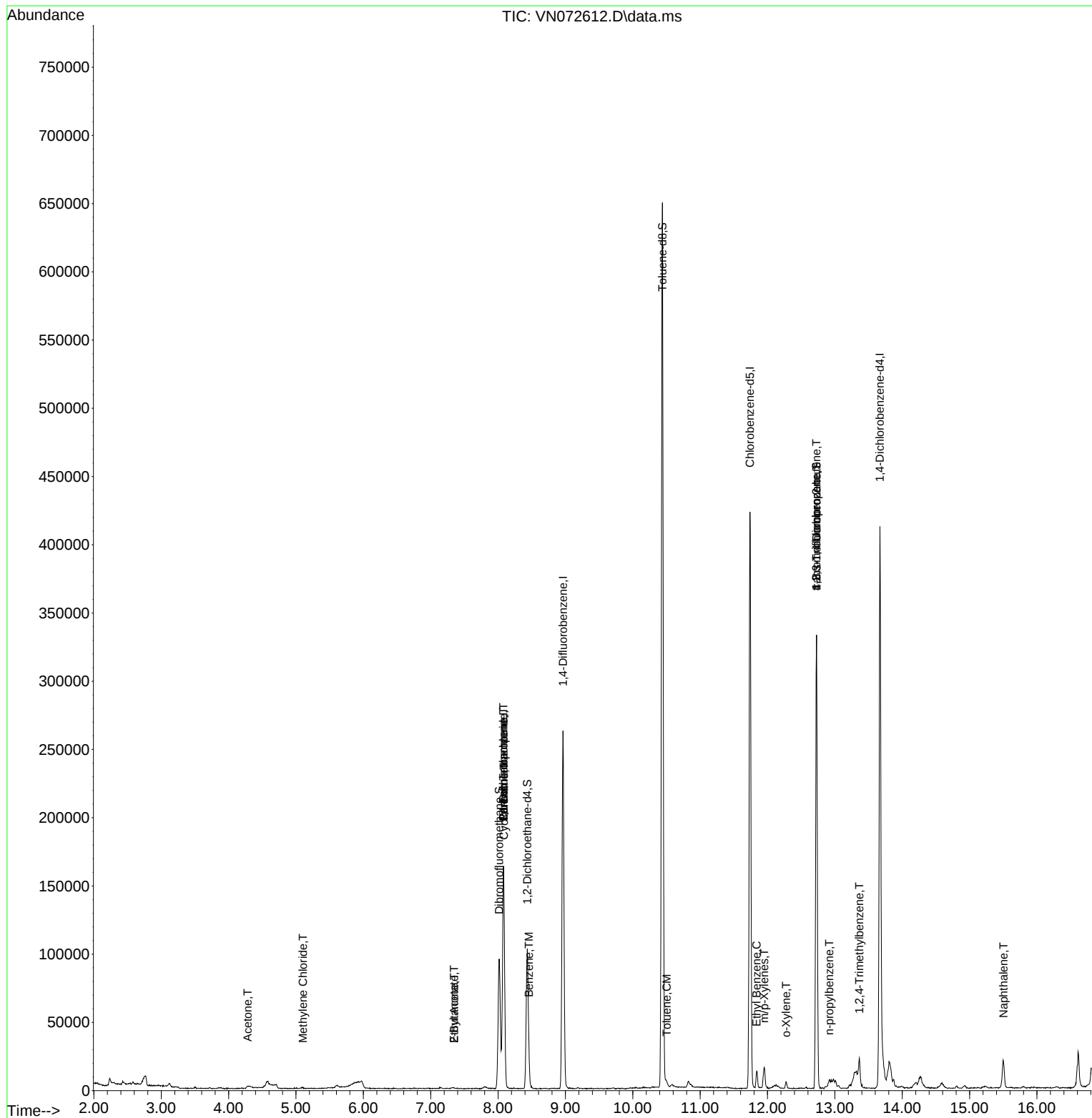
Internal Standards						
1) Pentafluorobenzene	8.080	168	125107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	222131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	241087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	104137	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	83911	58.963	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	117.920%
35) Dibromofluoromethane	8.016	113	67699	47.023	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.040%
50) Toluene-d8	10.439	98	458294	83.368	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	166.740%#
62) 4-Bromofluorobenzene	12.727	95	102922	57.565	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	115.140%
Target Compounds						
					Qvalue	
3) Chloromethane	2.298	50	549	Below Cal		96
6) Chloroethane	3.034	64	163	Below Cal	#	42
16) Acetone	4.281	43	2911	4.162	ug/l #	88
18) Methyl Acetate	4.839	43	65	Below Cal	#	48
20) Methylene Chloride	5.104	84	596	0.202	ug/l #	67
25) 2-Butanone	7.345	43	1003	0.850	ug/l #	45
31) Cyclohexane	8.086	56	2900	1.286	ug/l #	58
36) 1,1-Dichloropropene	8.080	75	9573	4.700	ug/l #	46
37) Ethyl Acetate	7.345	43	1003	0.377	ug/l #	67
38) Carbon Tetrachloride	8.080	117	12043	5.601	ug/l #	15
40) Benzene	8.457	78	5974	0.909	ug/l #	89
52) Toluene	10.504	92	1408	0.338	ug/l	90
67) Ethyl Benzene	11.839	91	9941	1.083	ug/l	97
68) m/p-Xylenes	11.951	106	5373	1.535	ug/l	98
69) o-Xylene	12.274	106	1528	0.452	ug/l	93
76) 1,2,3-Trichloropropane	12.727	75	56581	20.013	ug/l #	1
78) n-propylbenzene	12.915	91	3165	0.308	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.727	75	56581	58.730	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.362	105	9037	1.277	ug/l	91
95) Naphthalene	15.503	128	23825	3.676	ug/l	98

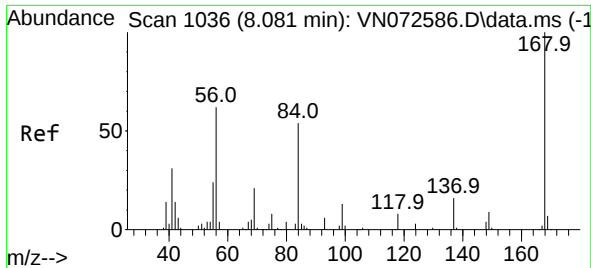
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 25 09:15:20 2022
Response via : Initial Calibration

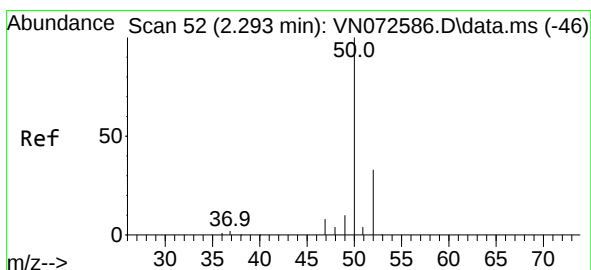
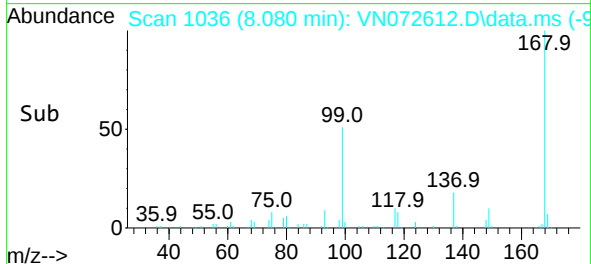
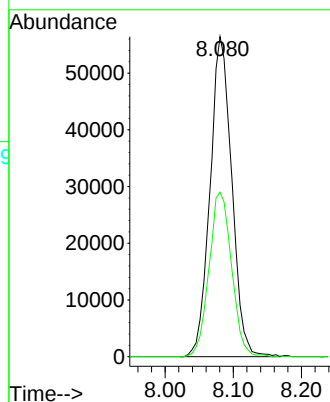
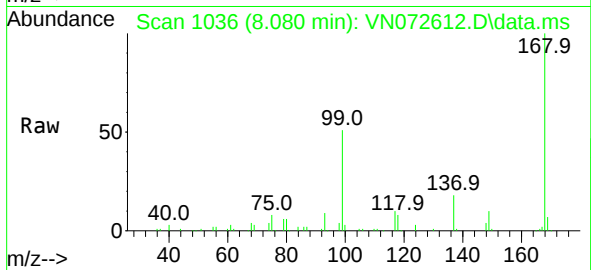




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN072612.D
Acq: 25 May 2022 01:45

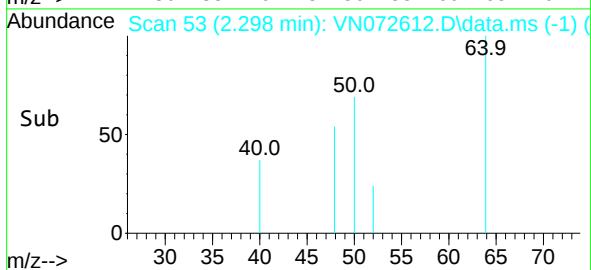
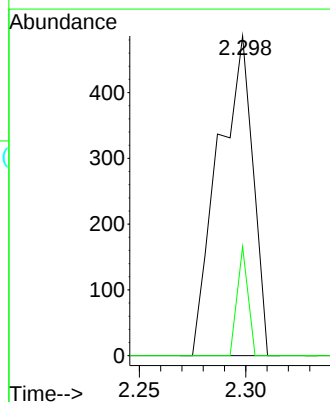
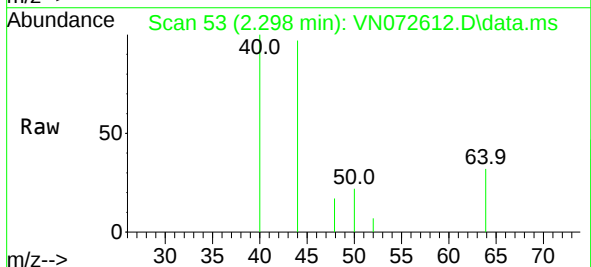
Instrument :
MSVOA_N
ClientSampleId :
N48967

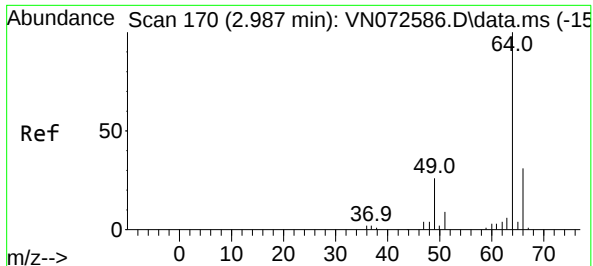
Tgt Ion:168 Resp: 125107
Ion Ratio Lower Upper
168 100
99 51.4 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.298 min Scan# 53
Delta R.T. 0.005 min
Lab File: VN072612.D
Acq: 25 May 2022 01:45

Tgt Ion: 50 Resp: 549
Ion Ratio Lower Upper
50 100
52 34.2 25.7 38.5

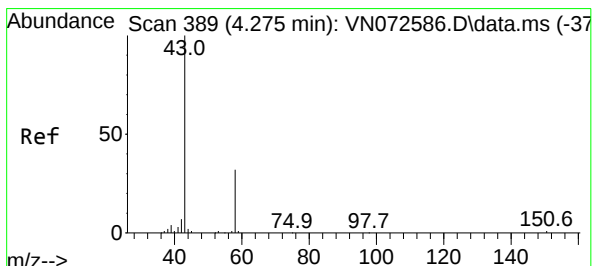
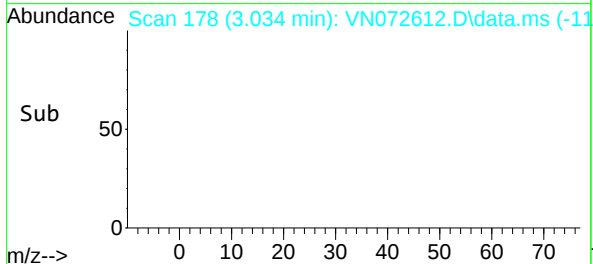
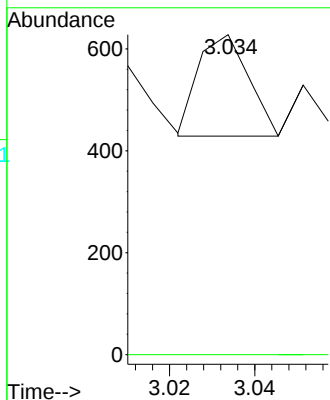
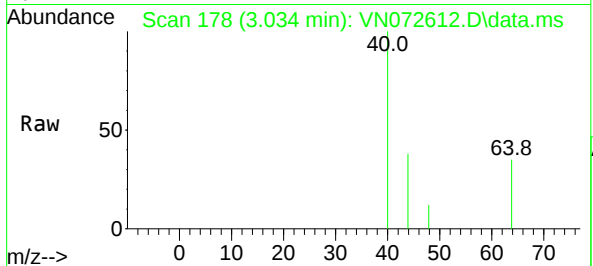




#6
Chloroethane
Concen: Below Cal
RT: 3.034 min Scan# 11
Delta R.T. 0.047 min
Lab File: VN072612.D
Acq: 25 May 2022 01:45

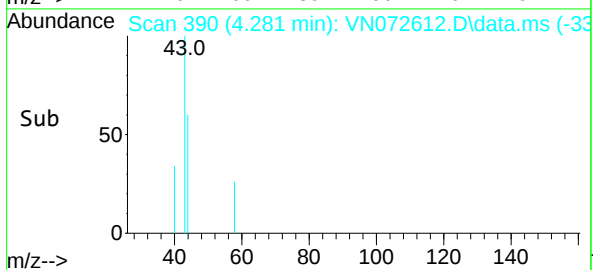
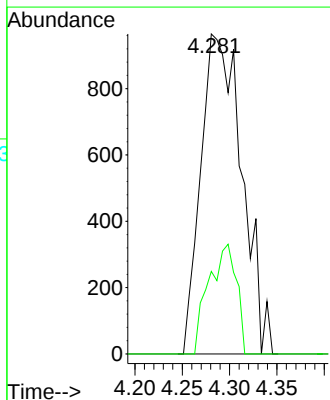
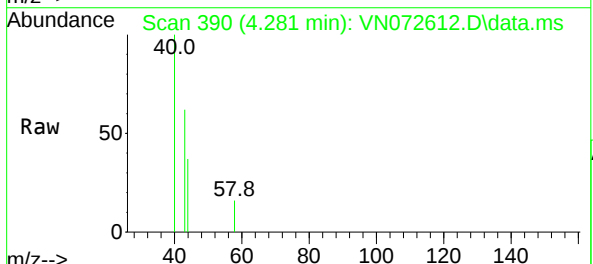
Instrument :
MSVOA_N
ClientSampleId :
N48967

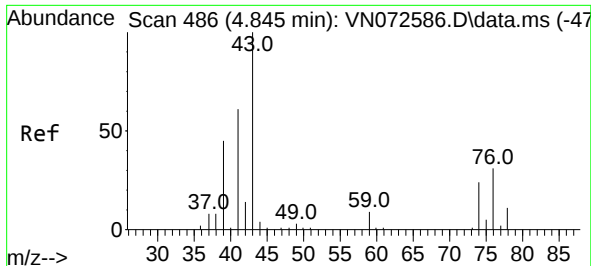
Tgt Ion: 64 Resp: 163
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#16
Acetone
Concen: 4.162 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN072612.D
Acq: 25 May 2022 01:45

Tgt Ion: 43 Resp: 2911
Ion Ratio Lower Upper
43 100
58 25.8 26.0 39.0#

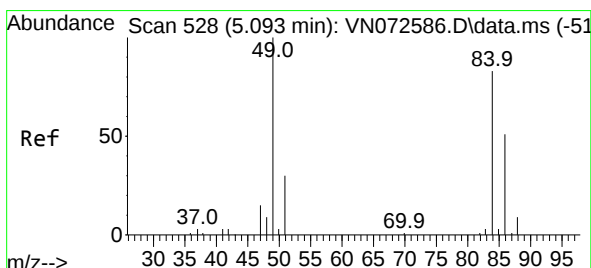
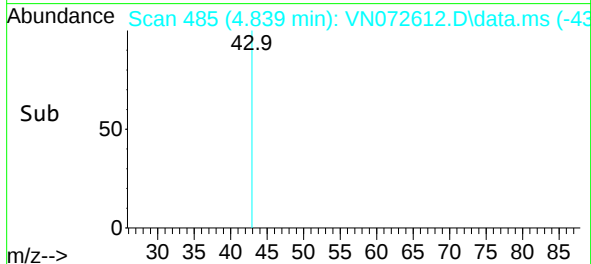
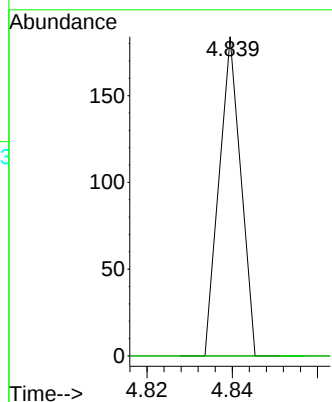
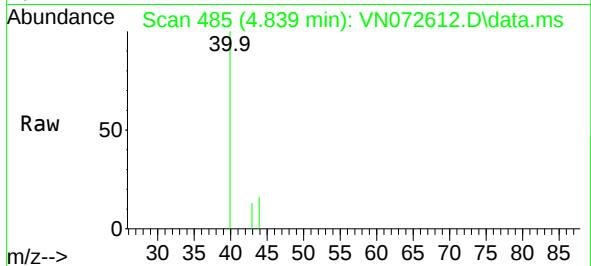




#18
Methyl Acetate
Concen: Below Cal
RT: 4.839 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN072612.D
Acq: 25 May 2022 01:45

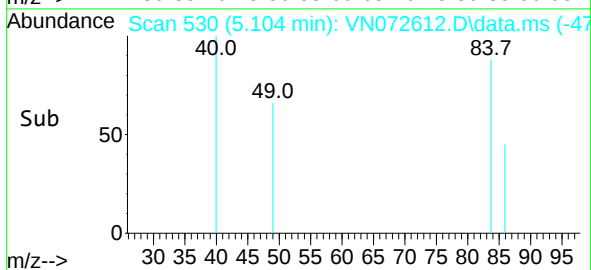
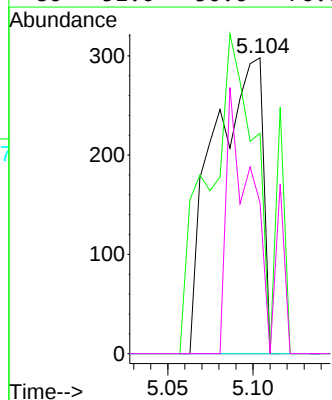
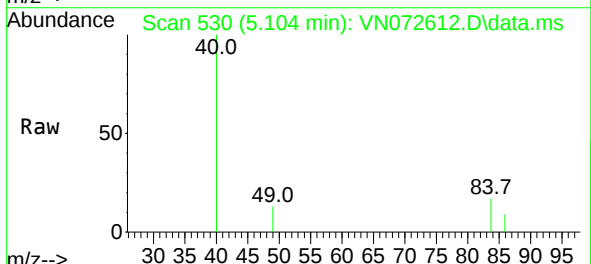
Instrument :
MSVOA_N
ClientSampleId :
N48967

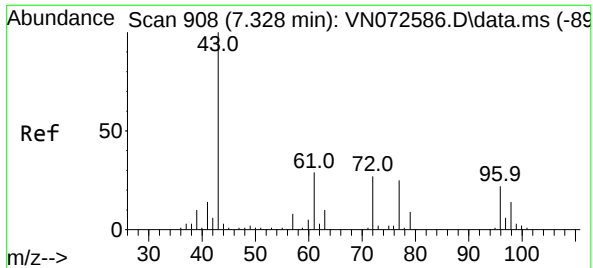
Tgt Ion: 43 Resp: 65
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#20
Methylene Chloride
Concen: 0.202 ug/l
RT: 5.104 min Scan# 530
Delta R.T. 0.011 min
Lab File: VN072612.D
Acq: 25 May 2022 01:45

Tgt Ion: 84 Resp: 596
Ion Ratio Lower Upper
84 100
49 74.5 88.3 132.5#
51 0.0 28.2 42.2#
86 51.0 50.6 76.0

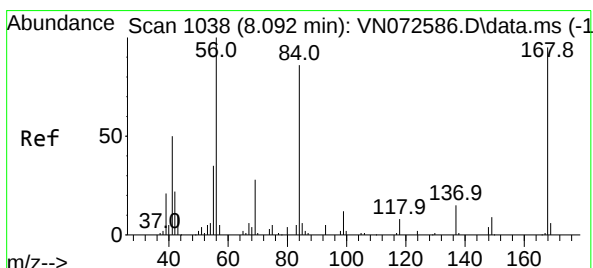
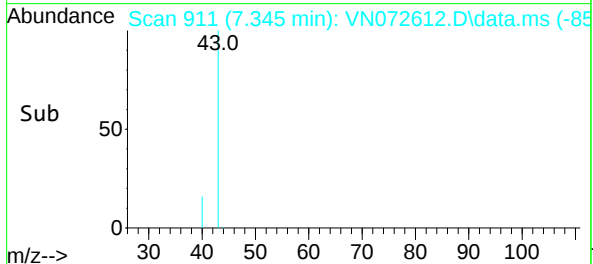
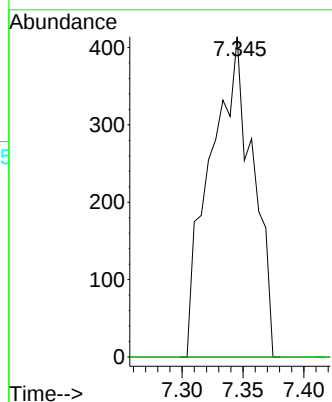
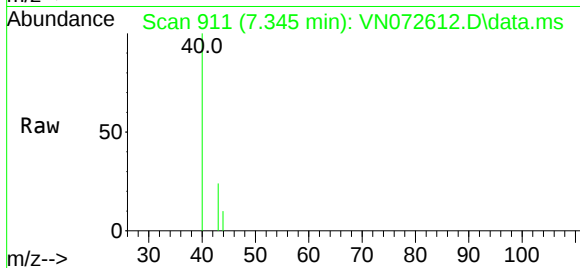




#25
2-Butanone
Concen: 0.850 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.017 min
Lab File: VN072612.D
Acq: 25 May 2022 01:45

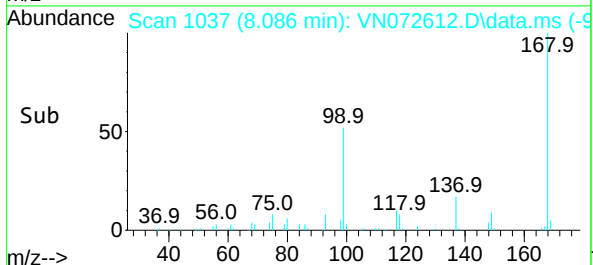
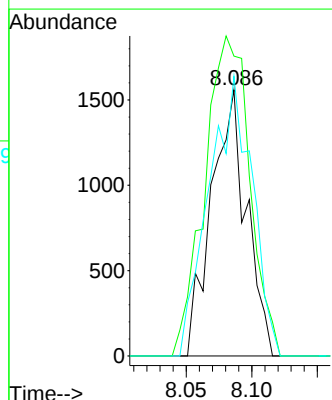
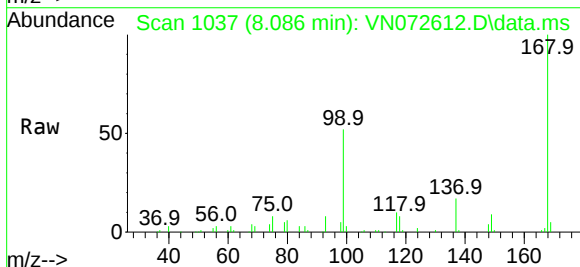
Instrument :
MSVOA_N
ClientSampleId :
N48967

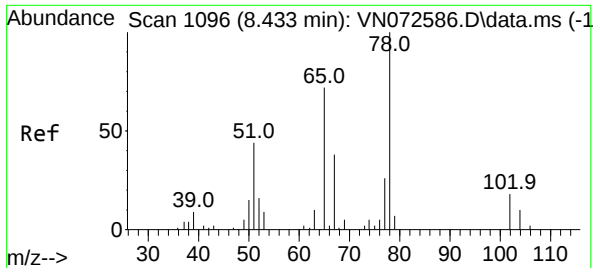
Tgt Ion: 43 Resp: 1003
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.286 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN072612.D
Acq: 25 May 2022 01:45

Tgt Ion: 56 Resp: 2900
Ion Ratio Lower Upper
56 100
69 112.6 27.8 41.8#
84 105.1 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 58.963 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. 0.000 min

Lab File: VN072612.D

Acq: 25 May 2022 01:45

Instrument :

MSVOA_N

ClientSampleId :

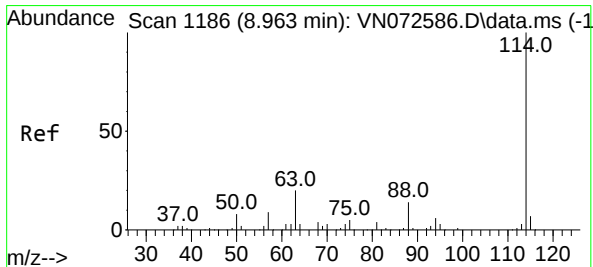
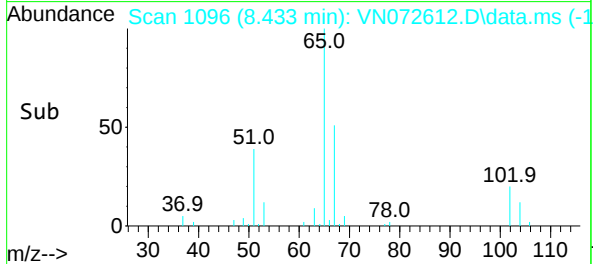
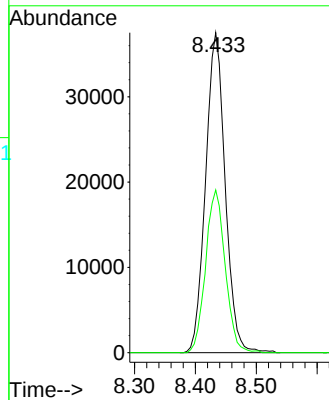
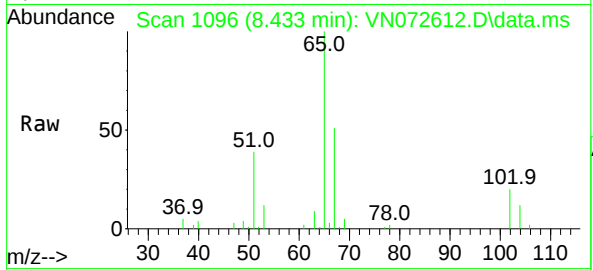
N48967

Tgt Ion: 65 Resp: 83911

Ion Ratio Lower Upper

65 100

67 50.8 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: VN072612.D

Acq: 25 May 2022 01:45

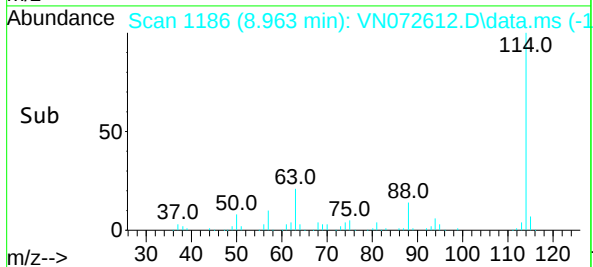
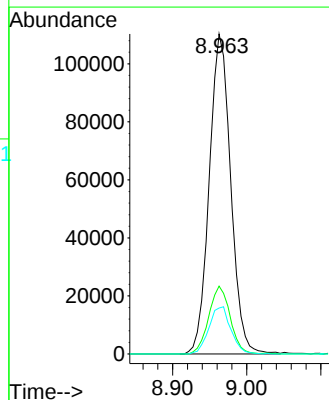
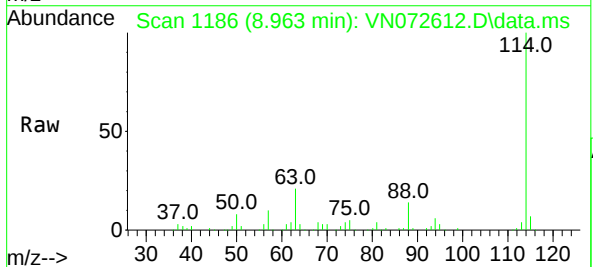
Tgt Ion:114 Resp: 222131

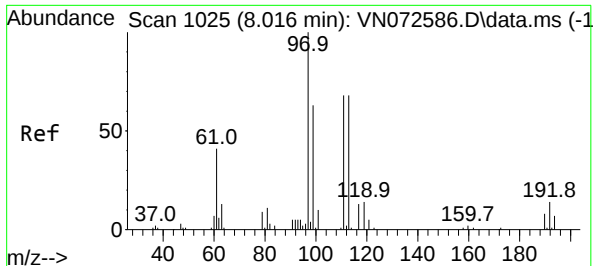
Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.0

88 14.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.023 ug/l

RT: 8.016 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VN072612.D

Acq: 25 May 2022 01:45

Instrument :

MSVOA_N

ClientSampleId :

N48967

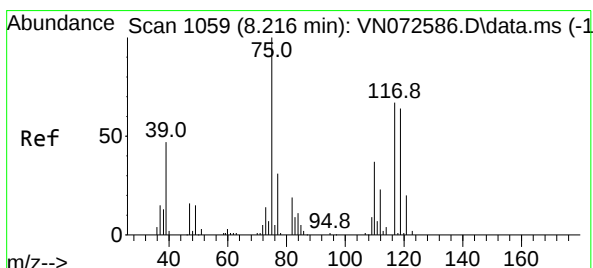
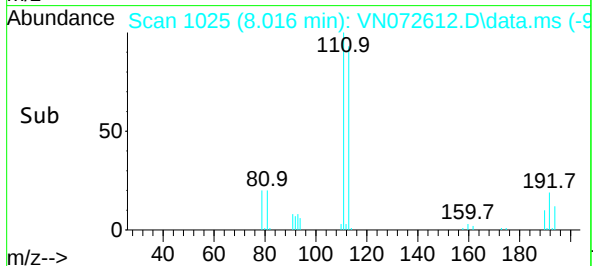
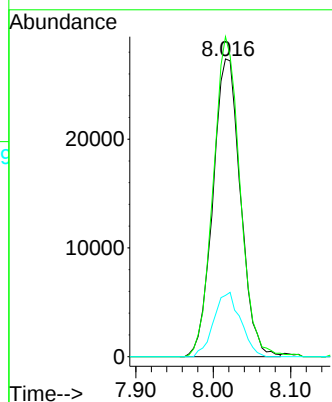
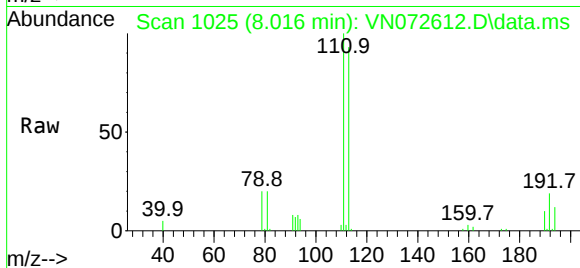
Tgt Ion:113 Resp: 67699

Ion Ratio Lower Upper

113 100

111 104.7 81.4 122.0

192 21.1 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.700 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.136 min

Lab File: VN072612.D

Acq: 25 May 2022 01:45

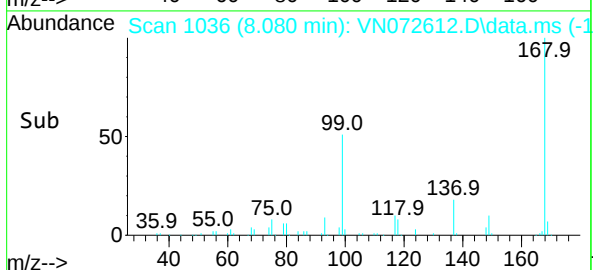
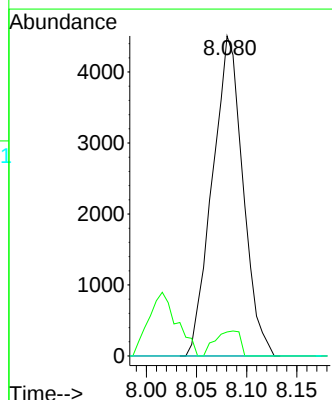
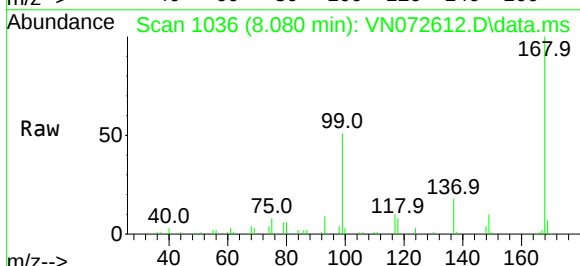
Tgt Ion: 75 Resp: 9573

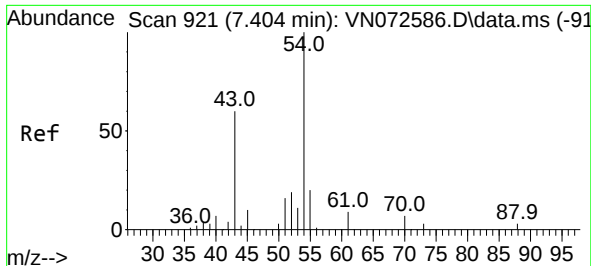
Ion Ratio Lower Upper

75 100

110 6.4 18.3 54.8#

77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 0.377 ug/l

RT: 7.345 min Scan# 91

Delta R.T. -0.059 min

Lab File: VN072612.D

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N48967

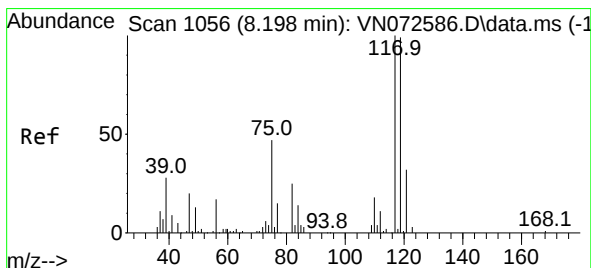
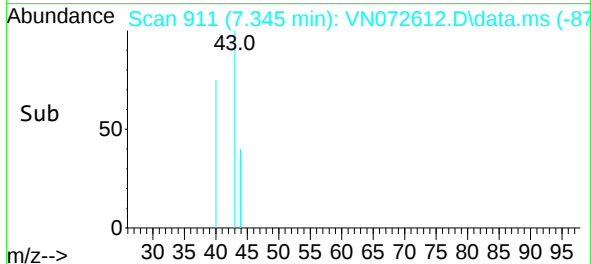
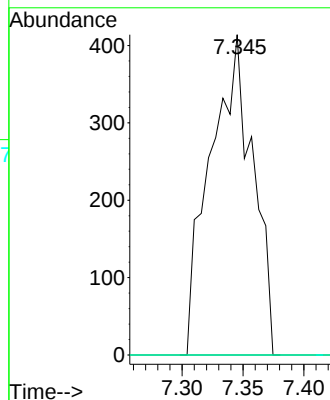
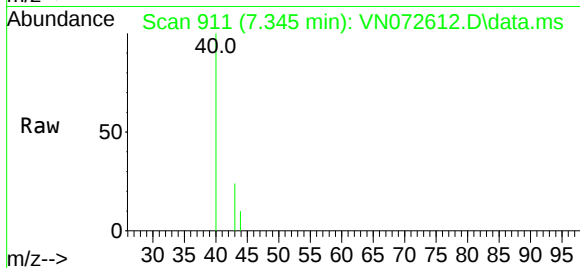
Tgt Ion: 43 Resp: 1003

Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

70 0.0 9.3 13.9#



#38

Carbon Tetrachloride

Concen: 5.601 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.118 min

Lab File: VN072612.D

Acq: 25 May 2022 01:45

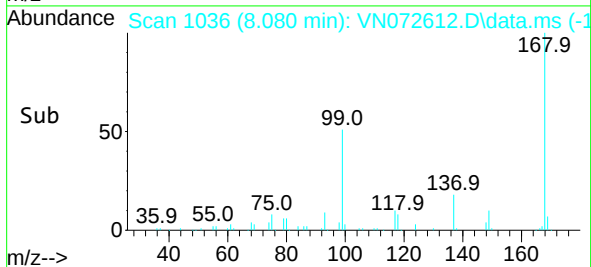
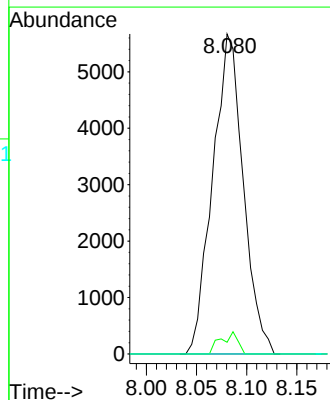
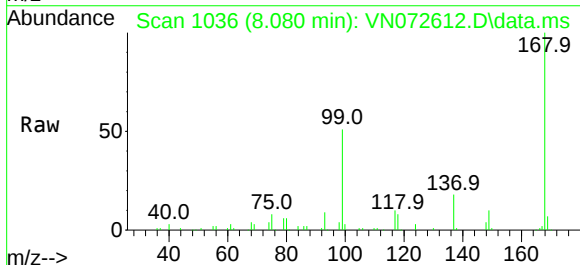
Tgt Ion: 117 Resp: 12043

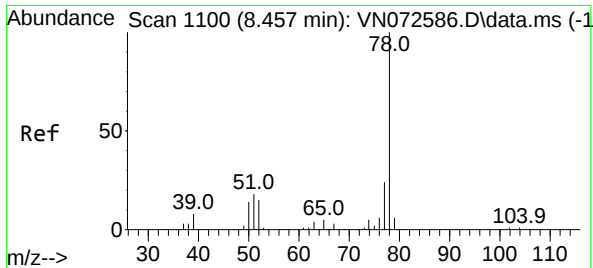
Ion Ratio Lower Upper

117 100

119 3.7 75.8 113.8#

121 0.0 24.6 37.0#

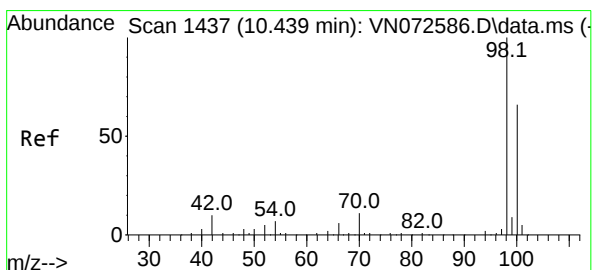
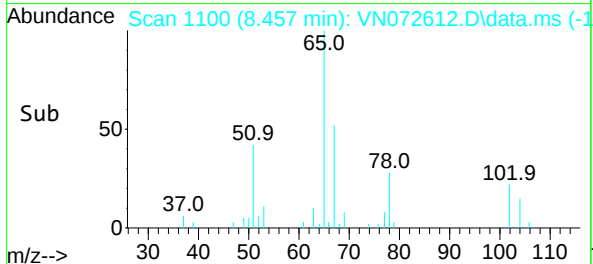
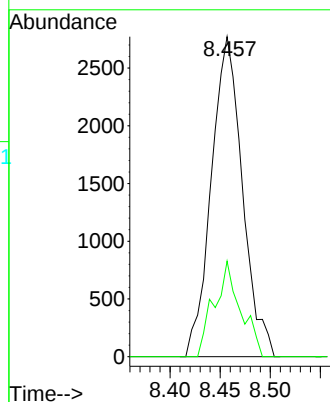
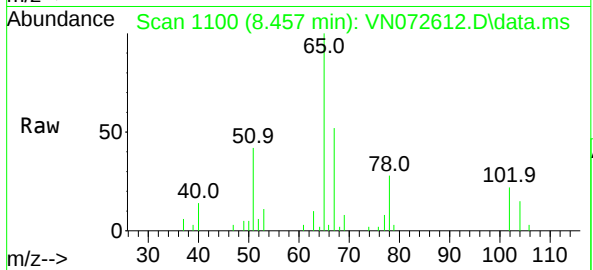




#40
Benzene
Concen: 0.909 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072612.D
Acq: 25 May 2022 01:45

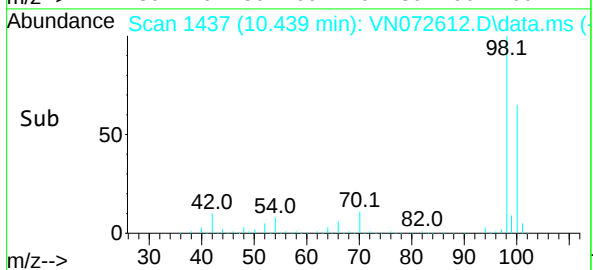
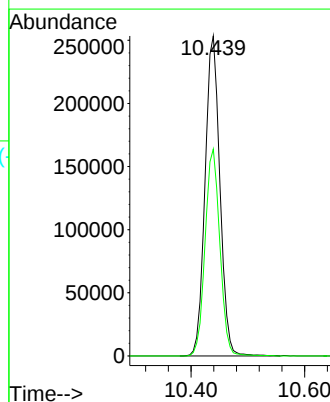
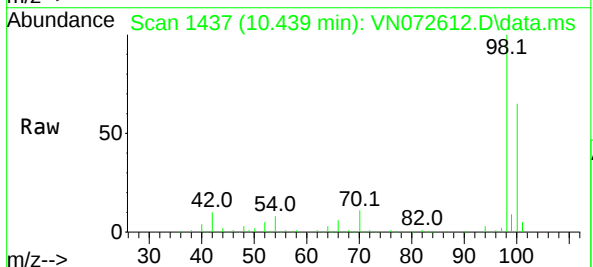
Instrument :
MSVOA_N
ClientSampleId :
N48967

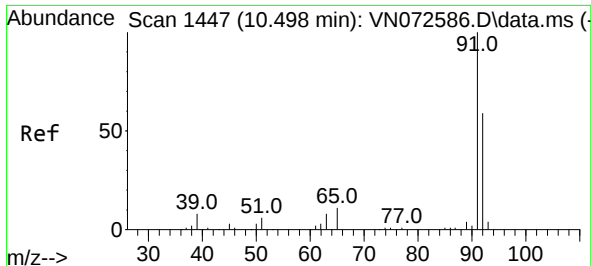
Tgt Ion: 78 Resp: 5974
Ion Ratio Lower Upper
78 100
77 29.9 19.4 29.0#



#50
Toluene-d8
Concen: 83.368 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072612.D
Acq: 25 May 2022 01:45

Tgt Ion: 98 Resp: 458294
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8

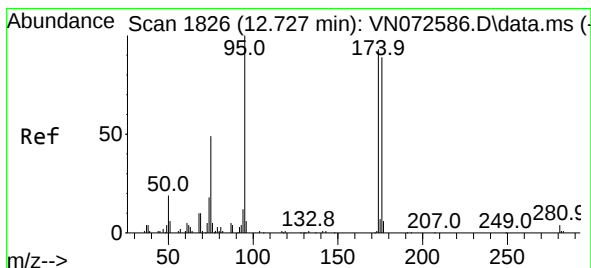
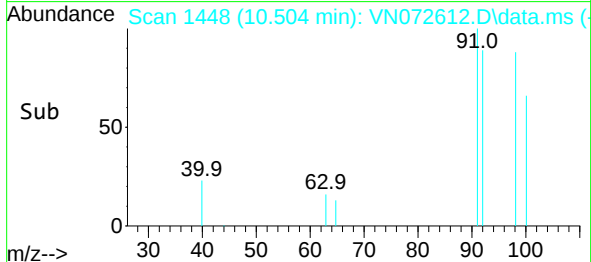
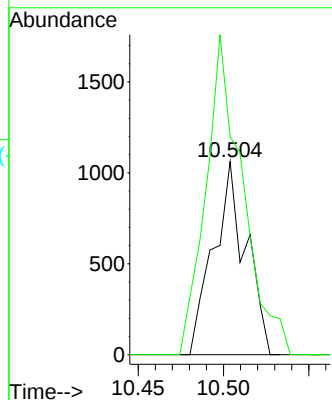
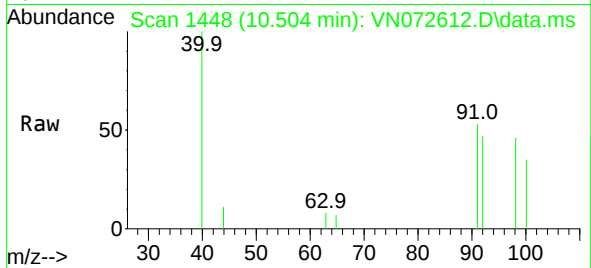




#52
Toluene
Concen: 0.338 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072612.D
Acq: 25 May 2022 01:45

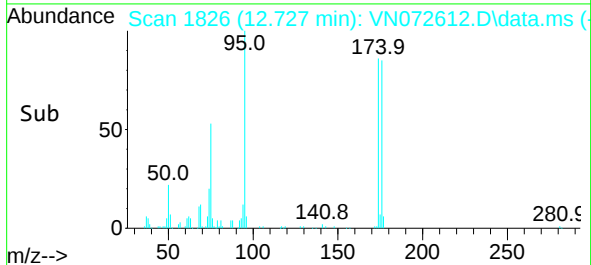
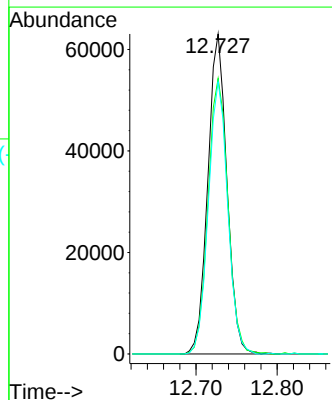
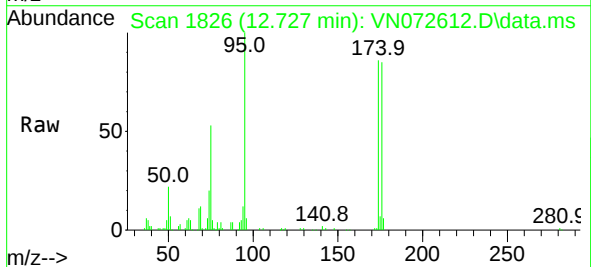
Instrument :
MSVOA_N
ClientSampleId :
N48967

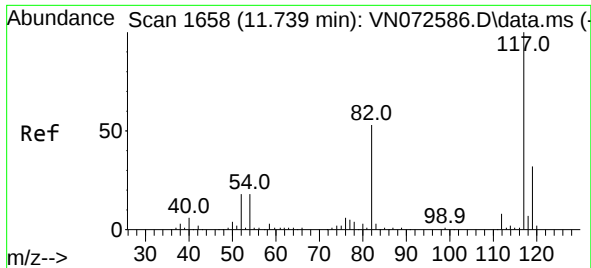
Tgt Ion: 92 Resp: 1408
Ion Ratio Lower Upper
92 100
91 187.0 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 57.565 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072612.D
Acq: 25 May 2022 01:45

Tgt Ion: 95 Resp: 102922
Ion Ratio Lower Upper
95 100
174 89.8 0.0 167.6
176 86.0 0.0 163.4

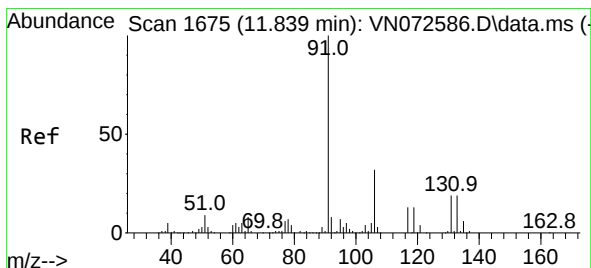
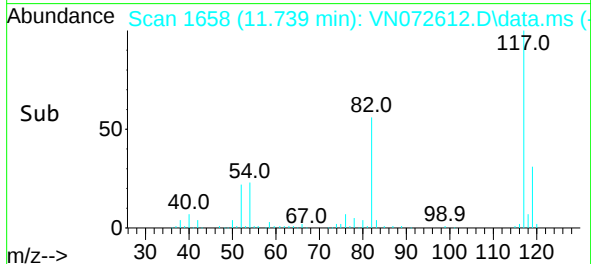
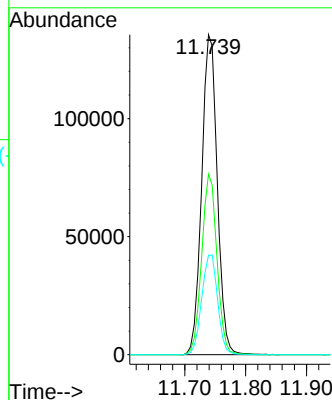
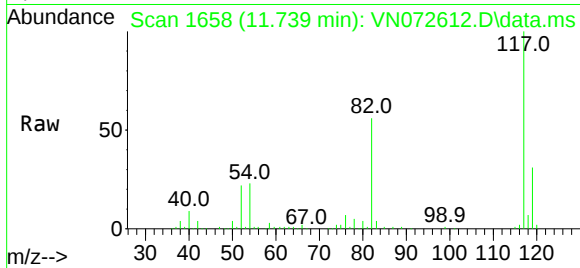




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN072612.D
Acq: 25 May 2022 01:45

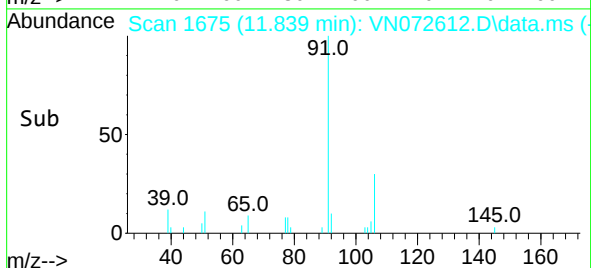
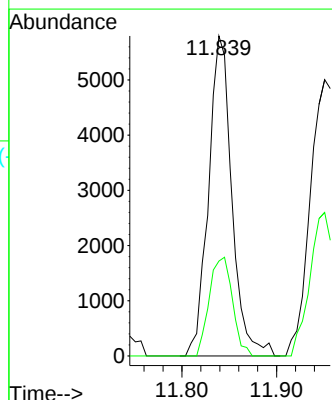
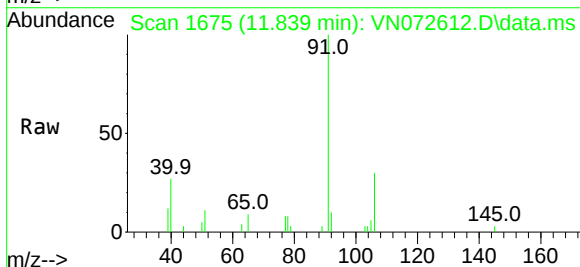
Instrument :
MSVOA_N
ClientSampleId :
N48967

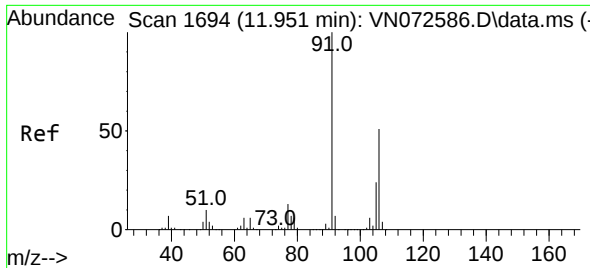
Tgt Ion:117 Resp: 241087
Ion Ratio Lower Upper
117 100
82 56.5 44.2 66.2
119 31.1 25.4 38.0



#67
Ethyl Benzene
Concen: 1.083 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072612.D
Acq: 25 May 2022 01:45

Tgt Ion: 91 Resp: 9941
Ion Ratio Lower Upper
91 100
106 29.6 24.9 37.3

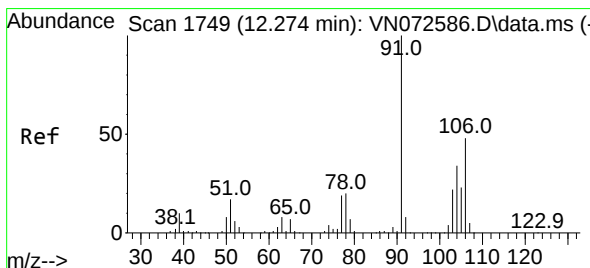
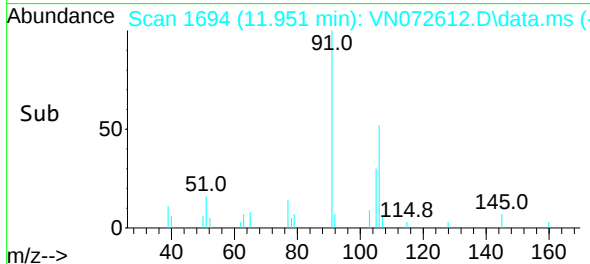
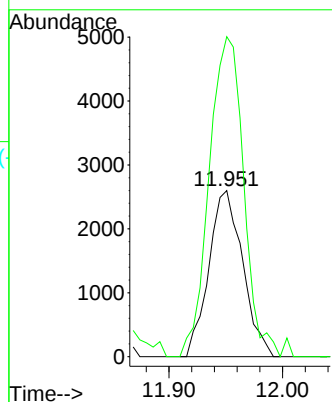
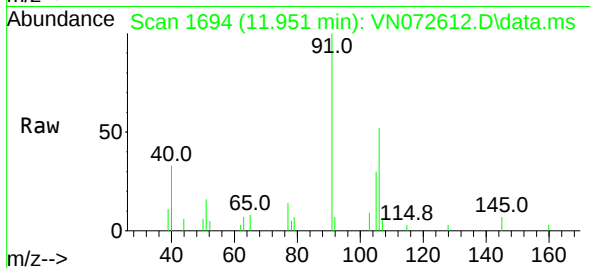




#68
m/p-Xylenes
Concen: 1.535 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072612.D
Acq: 25 May 2022 01:45

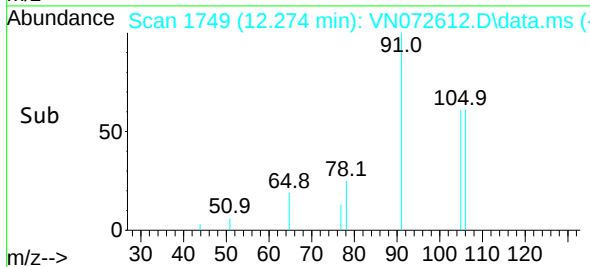
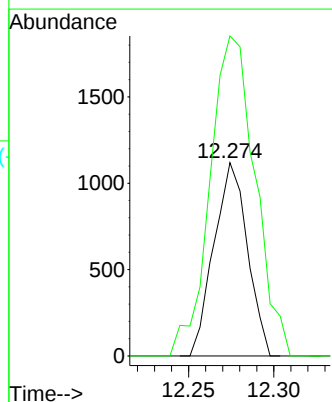
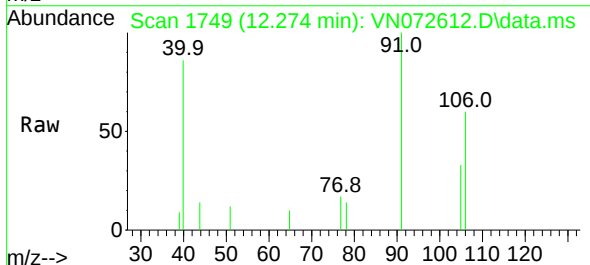
Instrument :
MSVOA_N
ClientSampleId :
N48967

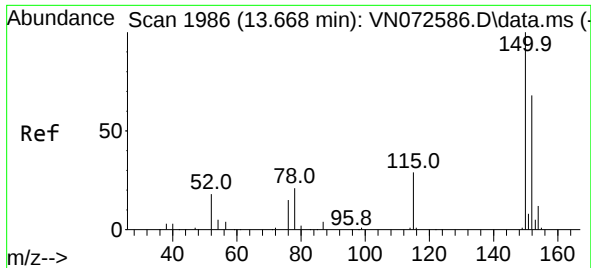
Tgt Ion:106 Resp: 5373
Ion Ratio Lower Upper
106 100
91 196.3 158.9 238.3



#69
o-Xylene
Concen: 0.452 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072612.D
Acq: 25 May 2022 01:45

Tgt Ion:106 Resp: 1528
Ion Ratio Lower Upper
106 100
91 223.4 106.0 318.0

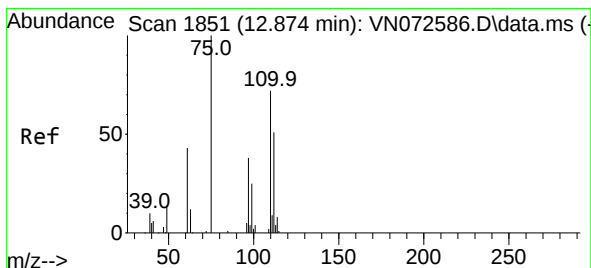
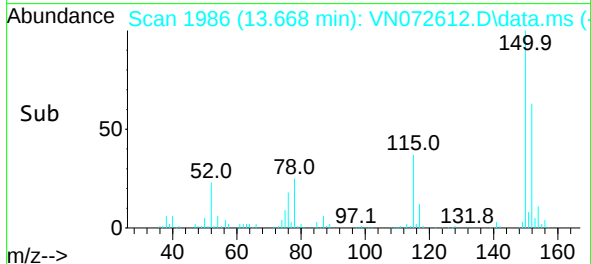
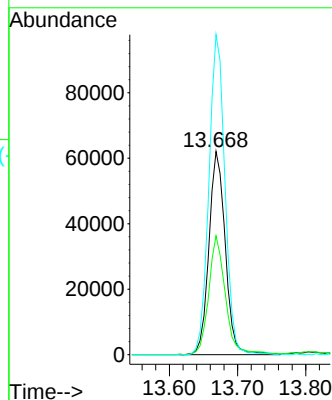
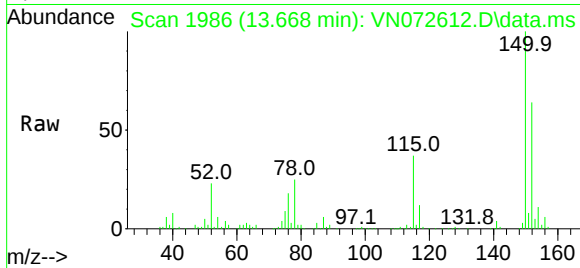




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN072612.D
 Acq: 25 May 2022 01:45

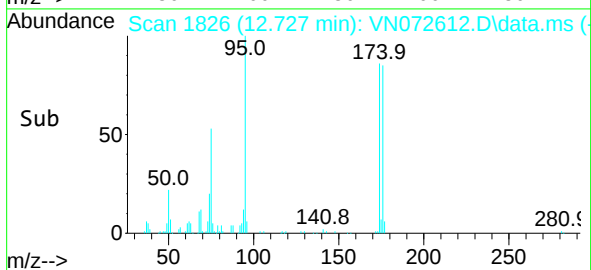
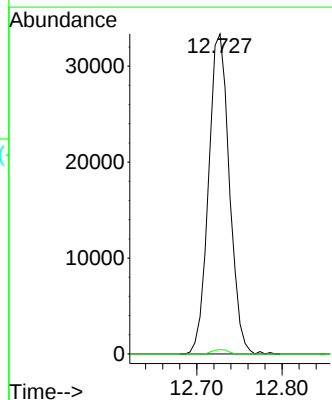
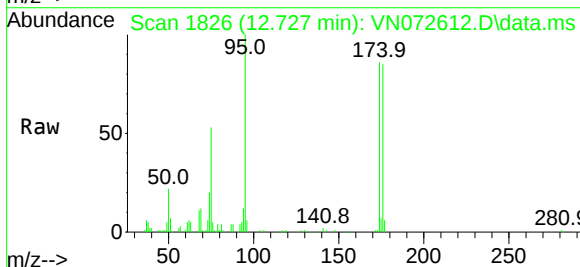
Instrument :
 MSVOA_N
 ClientSampleId :
 N48967

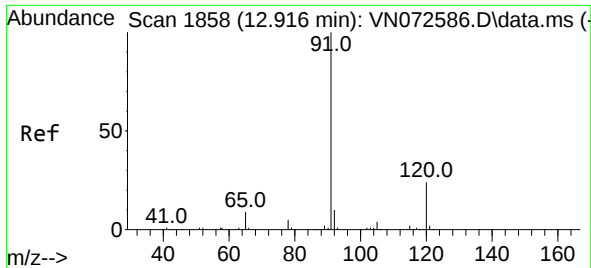
Tgt Ion:152 Resp: 104137
 Ion Ratio Lower Upper
 152 100
 115 59.9 28.9 86.7
 150 153.9 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 20.013 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.147 min
 Lab File: VN072612.D
 Acq: 25 May 2022 01:45

Tgt Ion: 75 Resp: 56581
 Ion Ratio Lower Upper
 75 100
 77 1.0 98.5 295.5#

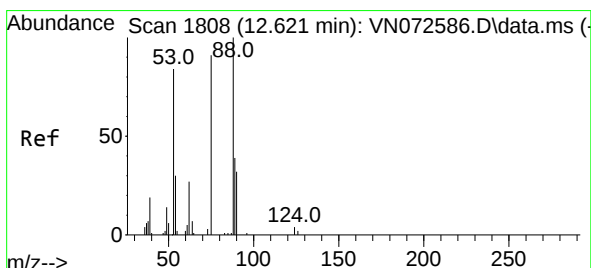
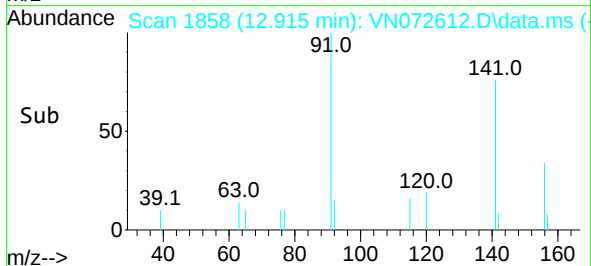
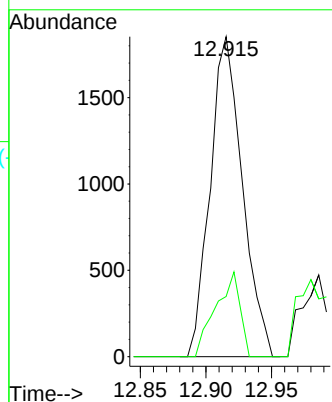
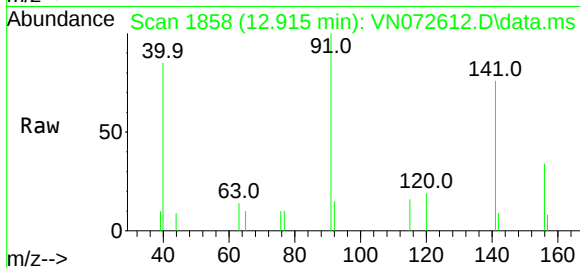




#78
n-propylbenzene
Concen: 0.308 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072612.D
Acq: 25 May 2022 01:45

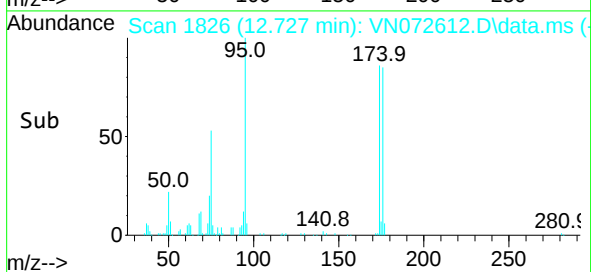
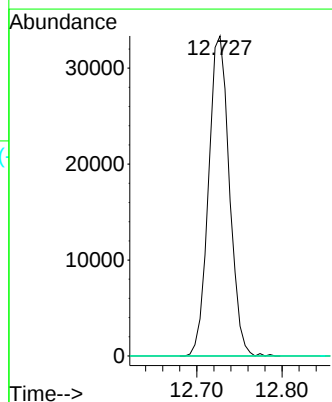
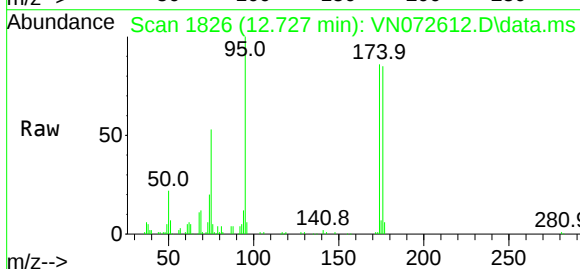
Instrument :
MSVOA_N
ClientSampleId :
N48967

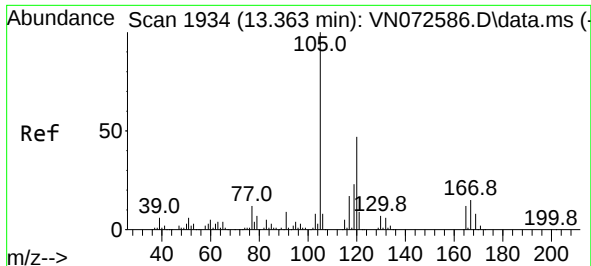
Tgt Ion: 91 Resp: 3165
Ion Ratio Lower Upper
91 100
120 19.9 11.9 35.5



#81
trans-1,4-Dichloro-2-butene
Concen: 58.730 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN072612.D
Acq: 25 May 2022 01:45

Tgt Ion: 75 Resp: 56581
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

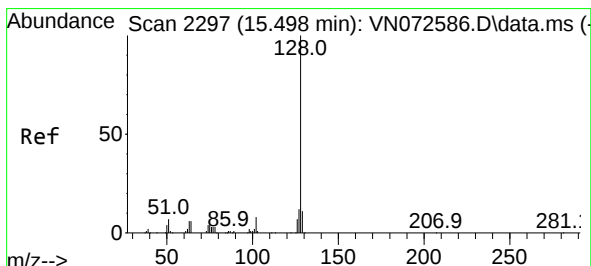
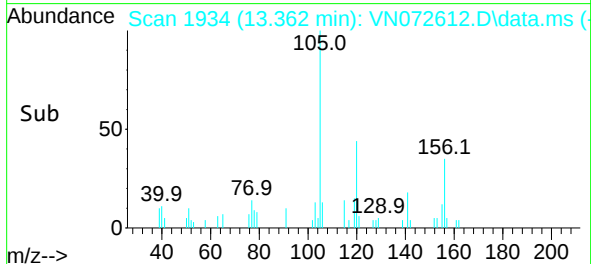
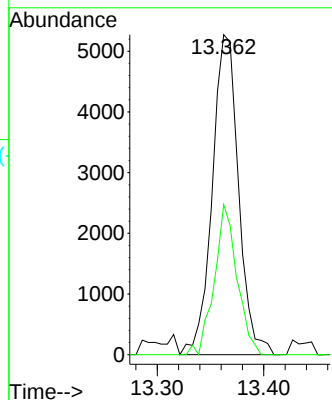
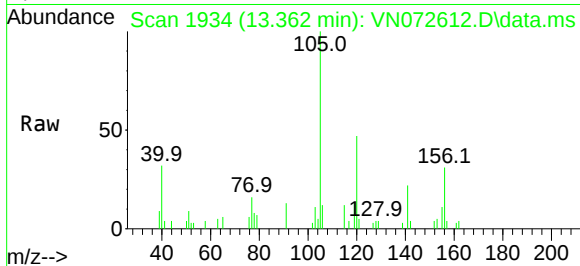




#84
1,2,4-Trimethylbenzene
Concen: 1.277 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN072612.D
Acq: 25 May 2022 01:45

Instrument :
MSVOA_N
ClientSampleId :
N48967

Tgt Ion:105 Resp: 9037
Ion Ratio Lower Upper
105 100
120 40.4 23.3 69.8



#95
Naphthalene
Concen: 3.676 ug/l
RT: 15.503 min Scan# 2298
Delta R.T. 0.005 min
Lab File: VN072612.D
Acq: 25 May 2022 01:45

Tgt Ion:128 Resp: 23825
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 9.5 8.6 13.0

