

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031522\
 Data File : VN071292.D
 Acq On : 15 Mar 2022 15:16
 Operator : JC\MD
 Sample : N1851-07
 Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUM-37

Quant Time: Mar 15 18:59:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

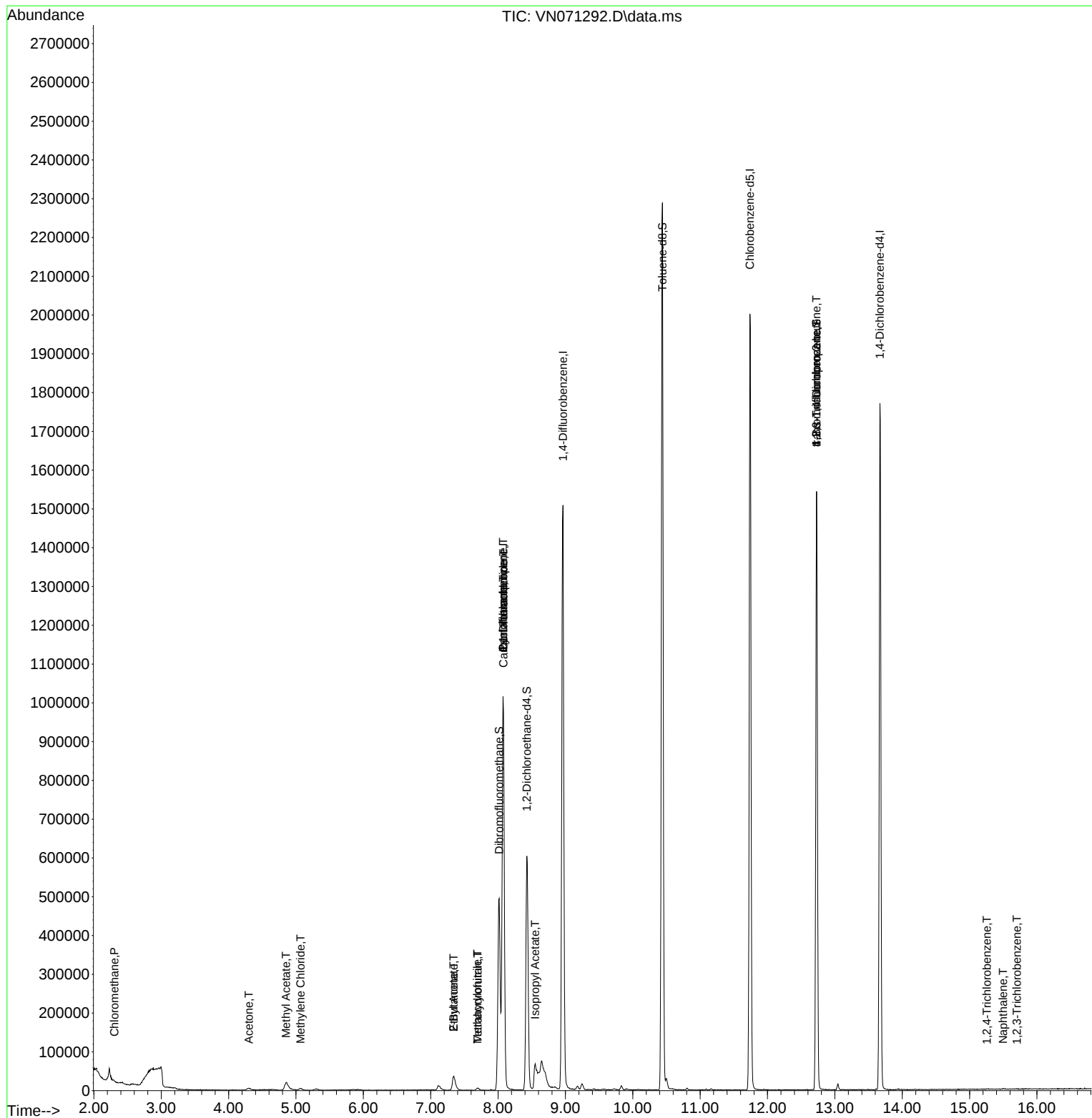
Internal Standards						
1) Pentafluorobenzene	8.075	168	801281	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.963	114	1335554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1165609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	484026	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	506292	46.103	ug/l	-0.01
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.200%
35) Dibromofluoromethane	8.016	113	371019	44.023	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	88.040%
50) Toluene-d8	10.439	98	1612844	47.530	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.060%
62) 4-Bromofluorobenzene	12.727	95	536954	46.730	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.460%
Target Compounds						
					Qvalue	
3) Chloromethane	2.305	50	3201	0.237	ug/l	95
5) Bromomethane	2.804	94	2054	Below Cal	#	67
16) Acetone	4.298	43	3096	0.579	ug/l	# 57
18) Methyl Acetate	4.851	43	51691	4.038	ug/l	100
20) Methylene Chloride	5.069	84	2880	0.674	ug/l	# 88
25) 2-Butanone	7.339	43	76484	8.886	ug/l	99
29) Tetrahydrofuran	7.698	42	5137	0.861	ug/l	# 90
31) Cyclohexane	8.075	56	16504	0.941	ug/l	# 24
36) 1,1-Dichloropropene	8.075	75	61521	4.556	ug/l	# 49
37) Ethyl Acetate	7.339	43	76484	4.116	ug/l	# 68
38) Carbon Tetrachloride	8.081	117	78237	5.990	ug/l	# 17
41) Methacrylonitrile	7.692	41	2995	0.329	ug/l	# 36
43) Isopropyl Acetate	8.551	43	73009	2.627	ug/l	# 57
75) 1,1,2,2-Tetrachloroethane	12.733	83	530	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.727	75	274478	21.806	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.727	75	274478	61.300	ug/l	# 5
93) 1,2,4-Trichlorobenzene	15.257	180	324	3.028	ug/l	# 48
95) Naphthalene	15.498	128	1730	5.138	ug/l	# 69
96) 1,2,3-Trichlorobenzene	15.704	180	556	2.801	ug/l	# 67

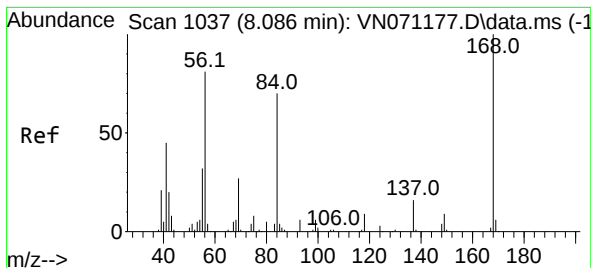
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Mar 08 06:52:46 2022
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.075 min Scan# 1035

Delta R.T. -0.011 min

Lab File: VN071292.D

Acq: 15 Mar 2022 15:16

Instrument :

MSVOA_N

ClientSampleId :

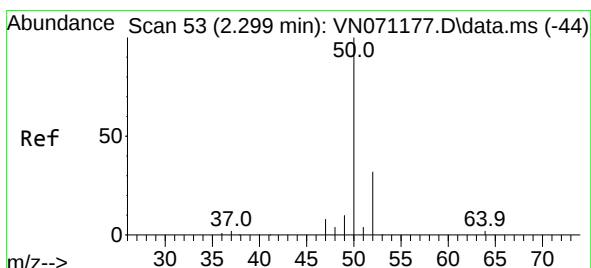
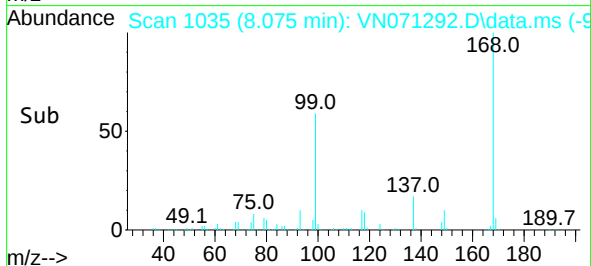
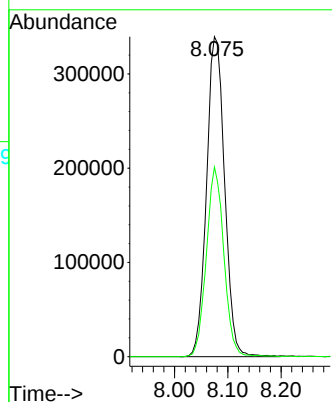
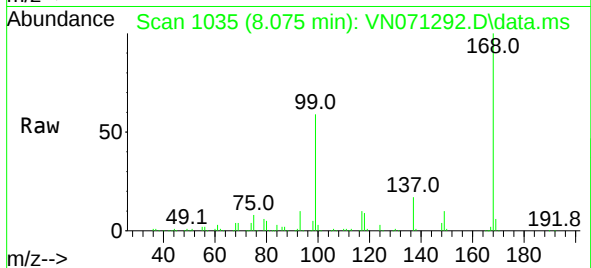
DUM-37

Tgt Ion:168 Resp: 801281

Ion Ratio Lower Upper

168 100

99 59.2 41.3 61.9



#3

Chloromethane

Concen: 0.237 ug/l

RT: 2.305 min Scan# 54

Delta R.T. 0.006 min

Lab File: VN071292.D

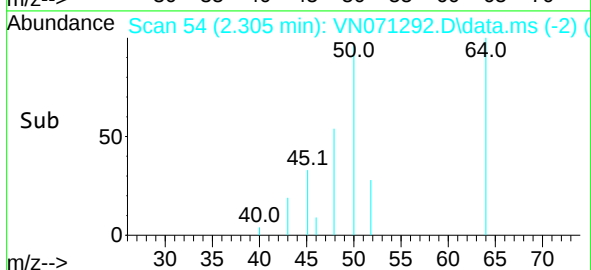
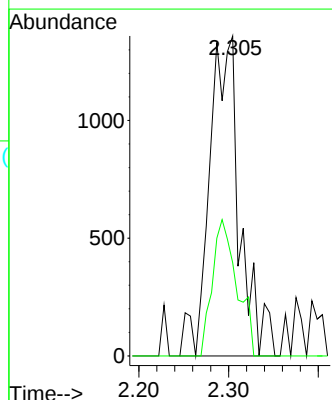
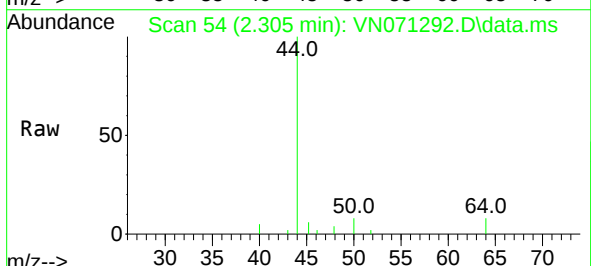
Acq: 15 Mar 2022 15:16

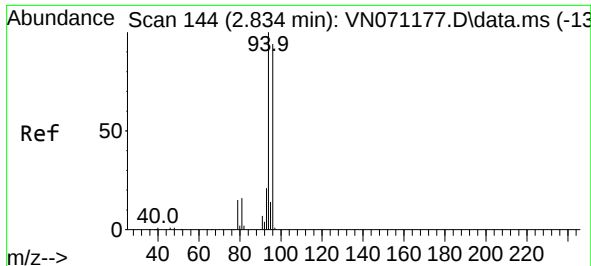
Tgt Ion: 50 Resp: 3201

Ion Ratio Lower Upper

50 100

52 29.1 25.4 38.0

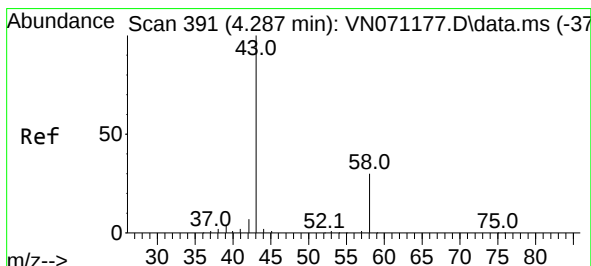
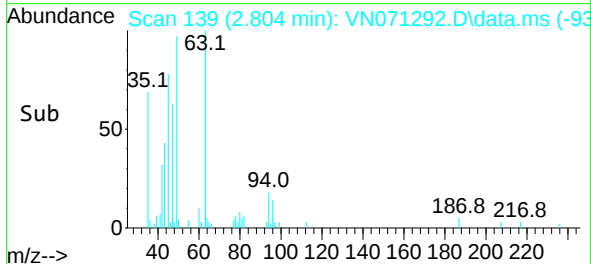
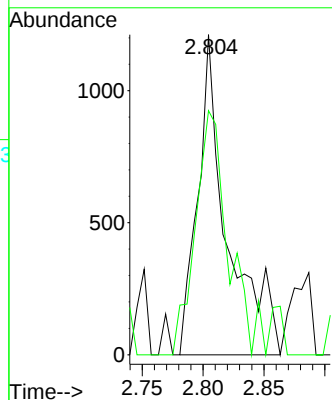
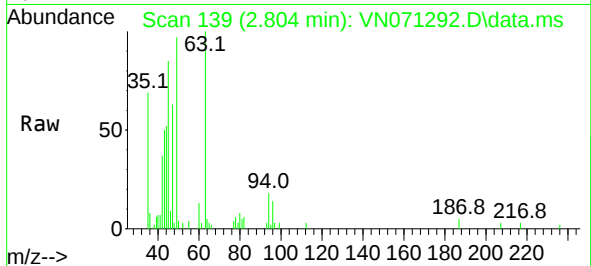




#5
Bromomethane
Concen: Below Cal
RT: 2.804 min Scan# 11
Delta R.T. -0.030 min
Lab File: VN071292.D
Acq: 15 Mar 2022 15:16

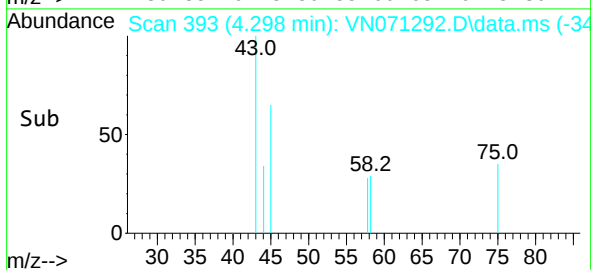
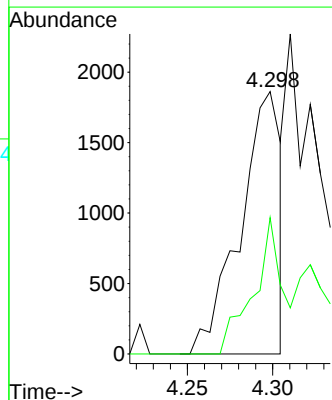
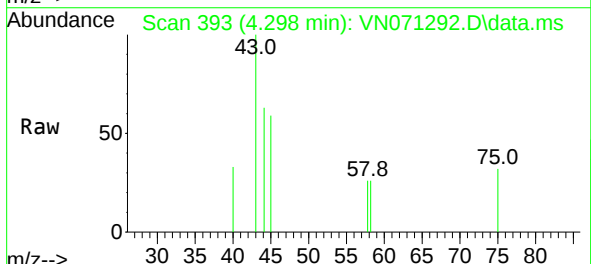
Instrument :
MSVOA_N
ClientSampleId :
DUM-37

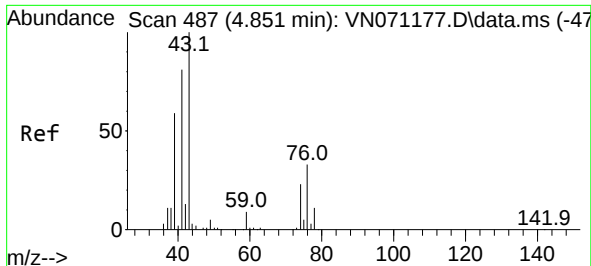
Tgt Ion: 94 Resp: 2054
Ion Ratio Lower Upper
94 100
96 61.1 73.8 110.8#



#16
Acetone
Concen: 0.579 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.012 min
Lab File: VN071292.D
Acq: 15 Mar 2022 15:16

Tgt Ion: 43 Resp: 3096
Ion Ratio Lower Upper
43 100
58 51.9 23.1 34.7#

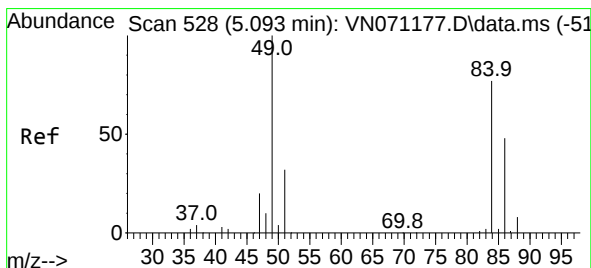
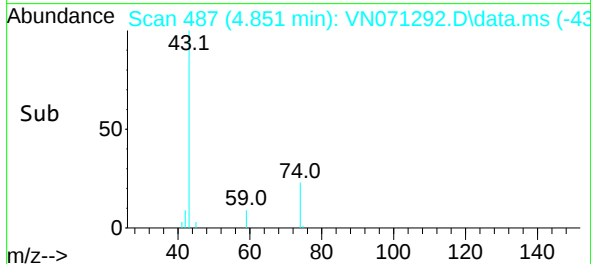
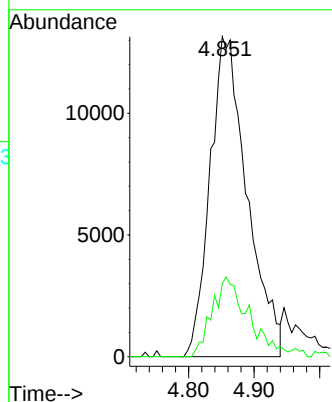
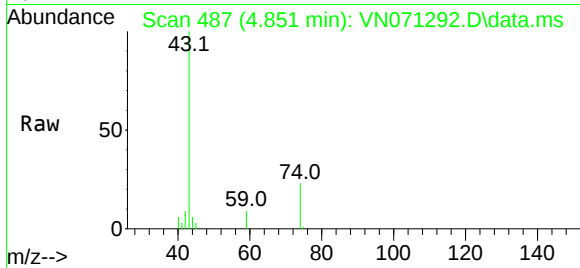




#18
Methyl Acetate
Concen: 4.038 ug/l
RT: 4.851 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN071292.D
Acq: 15 Mar 2022 15:16

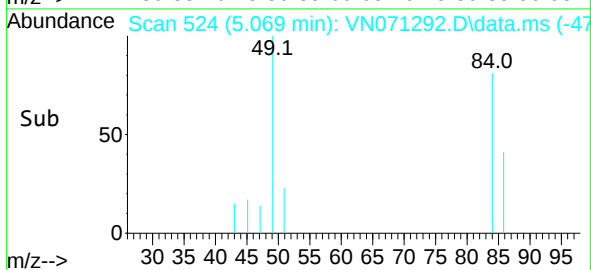
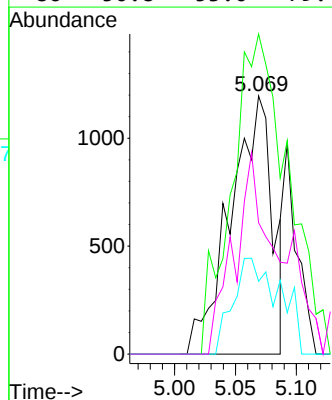
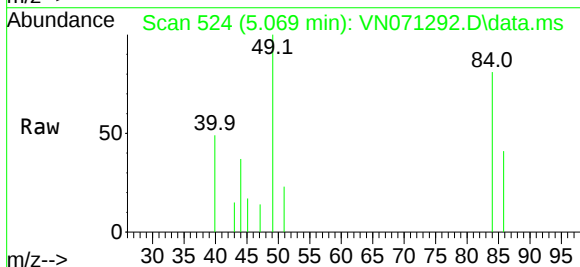
Instrument :
MSVOA_N
ClientSampleId :
DUM-37

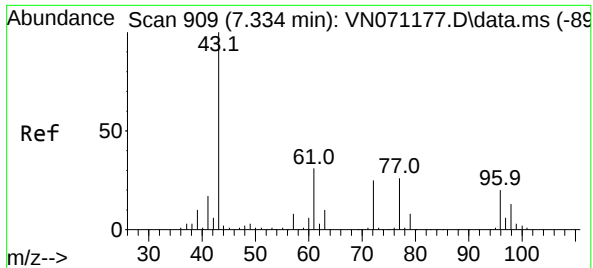
Tgt Ion: 43 Resp: 51691
Ion Ratio Lower Upper
43 100
74 24.2 19.4 29.2



#20
Methylene Chloride
Concen: 0.674 ug/l
RT: 5.069 min Scan# 524
Delta R.T. -0.024 min
Lab File: VN071292.D
Acq: 15 Mar 2022 15:16

Tgt Ion: 84 Resp: 2880
Ion Ratio Lower Upper
84 100
49 124.0 93.5 140.3
51 28.2 29.4 44.2#
86 50.8 53.0 79.4#

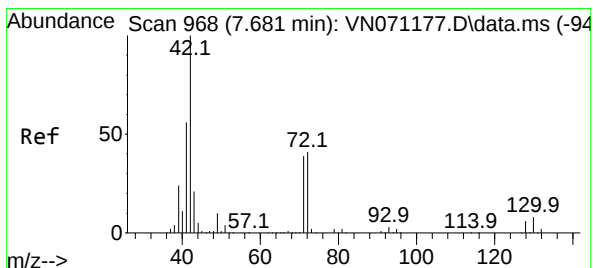
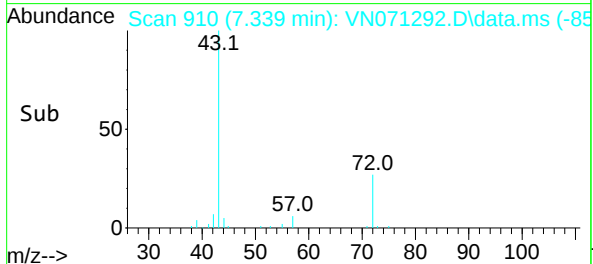
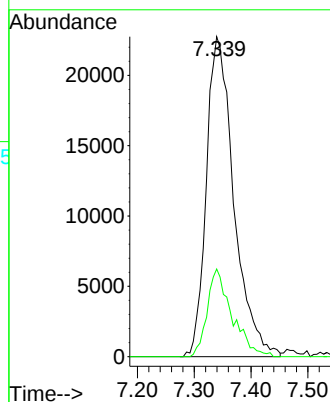
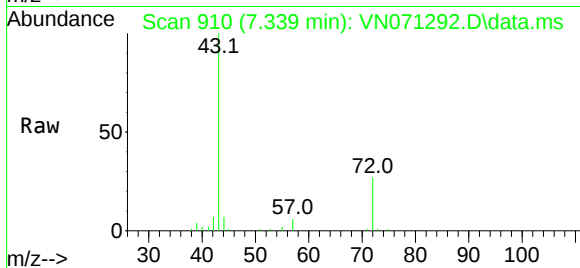




#25
2-Butanone
Concen: 8.886 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.006 min
Lab File: VN071292.D
Acq: 15 Mar 2022 15:16

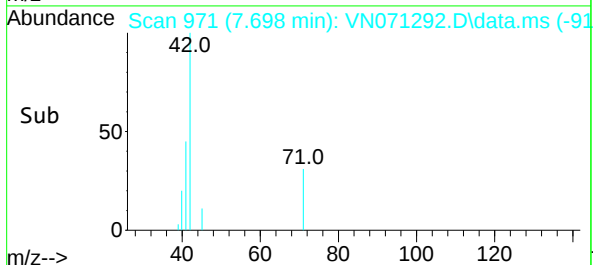
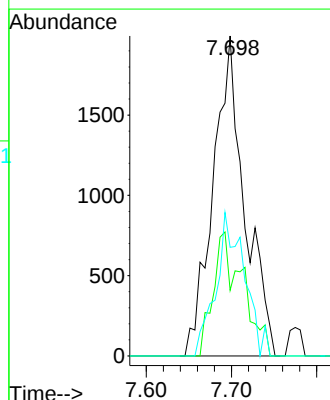
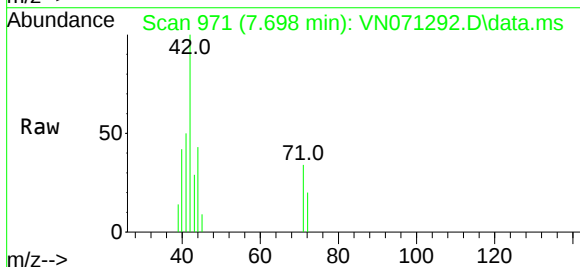
Instrument :
MSVOA_N
ClientSampleId :
DUM-37

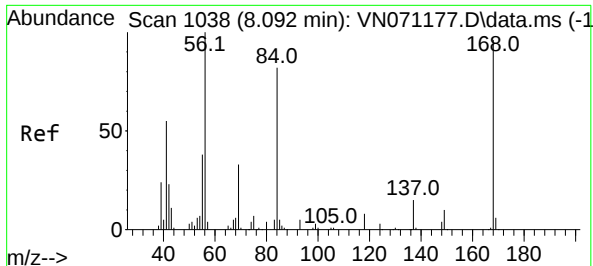
Tgt Ion: 43 Resp: 76484
Ion Ratio Lower Upper
43 100
72 27.4 21.7 32.5



#29
Tetrahydrofuran
Concen: 0.861 ug/l
RT: 7.698 min Scan# 971
Delta R.T. 0.018 min
Lab File: VN071292.D
Acq: 15 Mar 2022 15:16

Tgt Ion: 42 Resp: 5137
Ion Ratio Lower Upper
42 100
72 36.2 36.3 54.5#
71 40.4 34.7 52.1





#31

Cyclohexane

Concen: 0.941 ug/l

RT: 8.075 min Scan# 1035

Delta R.T. -0.018 min

Lab File: VN071292.D

Acq: 15 Mar 2022 15:16

Instrument :

MSVOA_N

ClientSampleId :

DUM-37

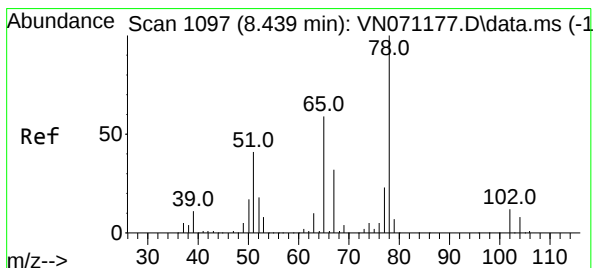
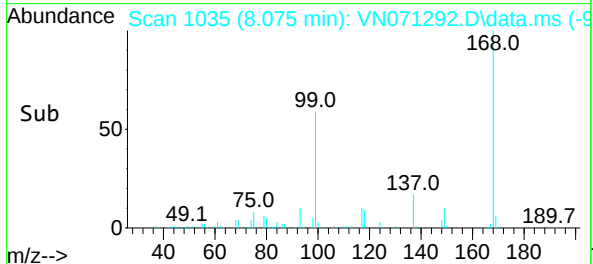
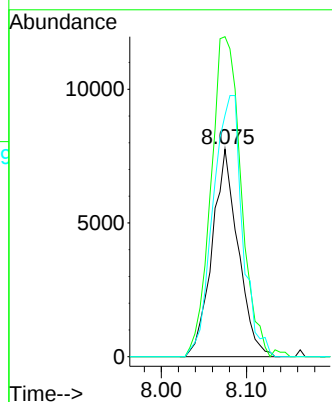
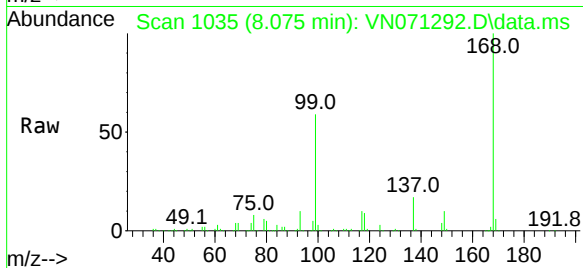
Tgt Ion: 56 Resp: 16504

Ion Ratio Lower Upper

56 100

69 154.2 27.1 40.7#

84 116.3 73.4 110.0#



#33

1,2-Dichloroethane-d4

Concen: 46.103 ug/l

RT: 8.428 min Scan# 1095

Delta R.T. -0.012 min

Lab File: VN071292.D

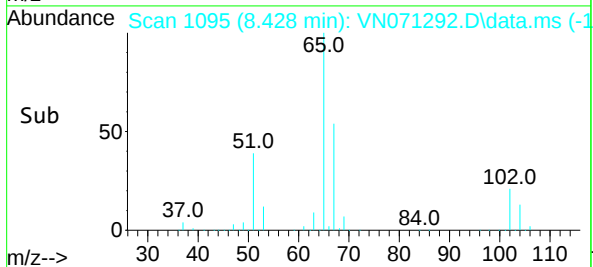
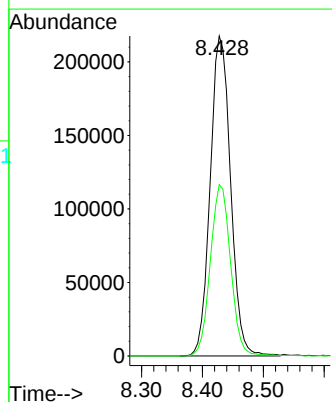
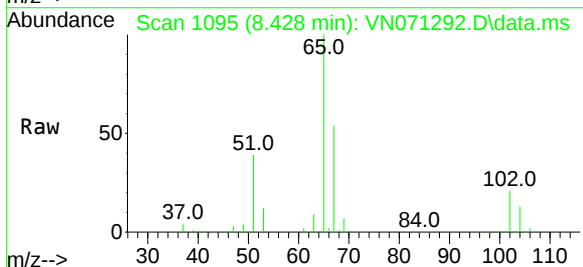
Acq: 15 Mar 2022 15:16

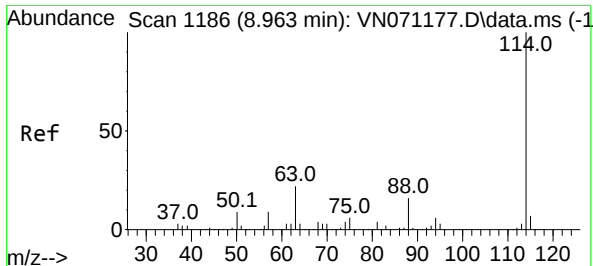
Tgt Ion: 65 Resp: 506292

Ion Ratio Lower Upper

65 100

67 53.3 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071292.D

Acq: 15 Mar 2022 15:16

Instrument :

MSVOA_N

ClientSampleId :

DUM-37

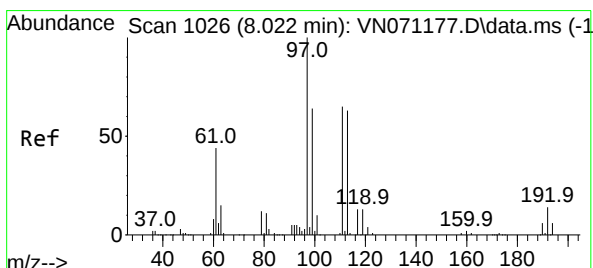
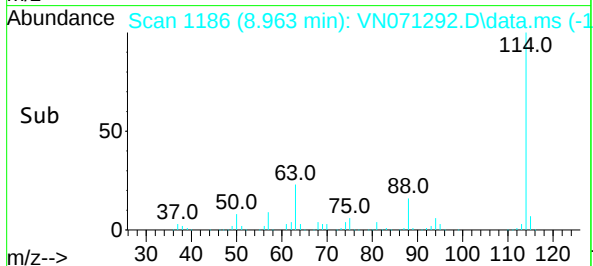
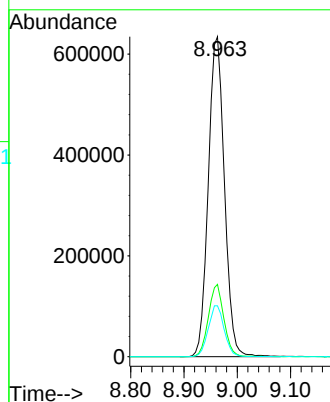
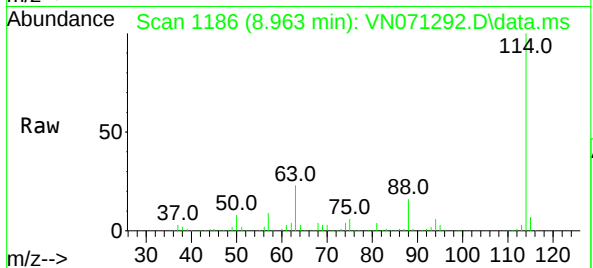
Tgt Ion:114 Resp: 1335554

Ion Ratio Lower Upper

114 100

63 22.6 0.0 37.8

88 15.9 0.0 27.4



#35

Dibromofluoromethane

Concen: 44.023 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.006 min

Lab File: VN071292.D

Acq: 15 Mar 2022 15:16

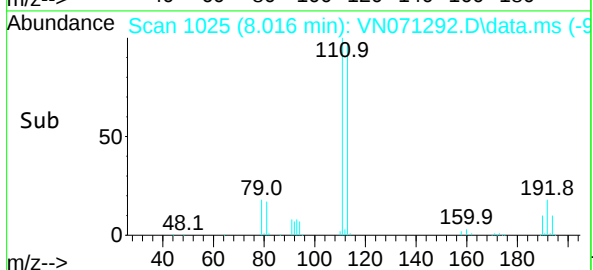
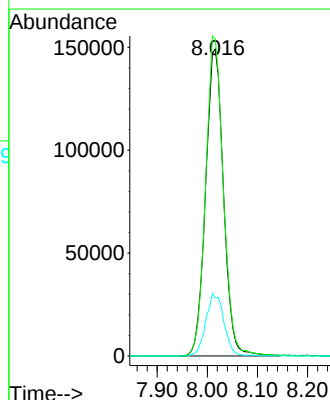
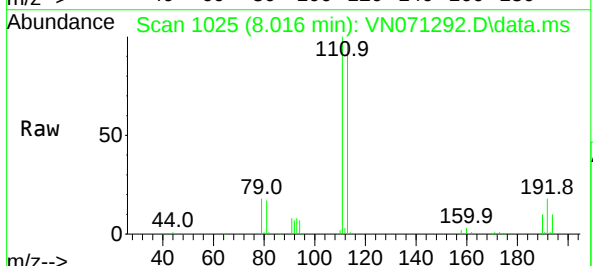
Tgt Ion:113 Resp: 371019

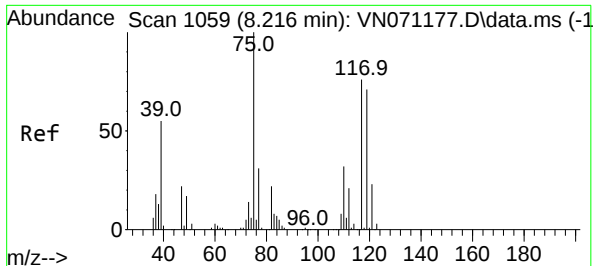
Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.2

192 20.4 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.556 ug/l

RT: 8.075 min Scan# 1

Delta R.T. -0.141 min

Lab File: VN071292.D

Acq: 15 Mar 2022 15:16

Instrument :

MSVOA_N

ClientSampleId :

DUM-37

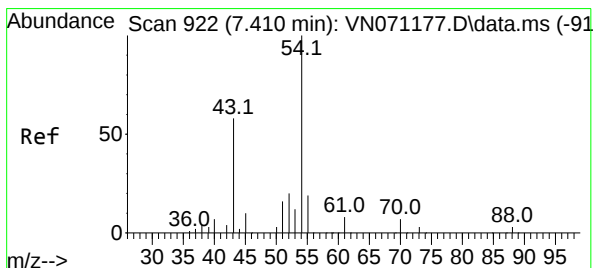
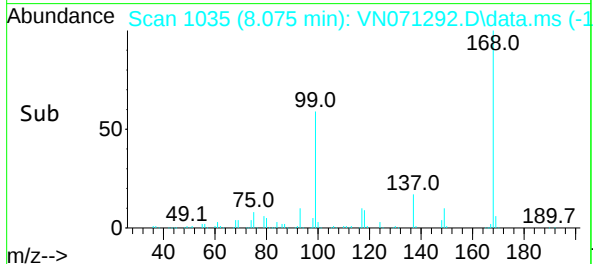
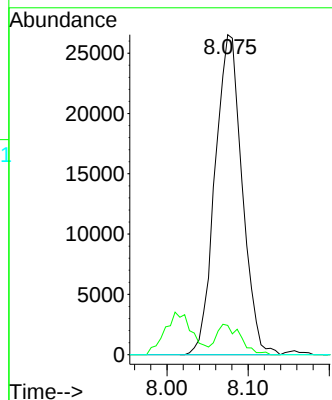
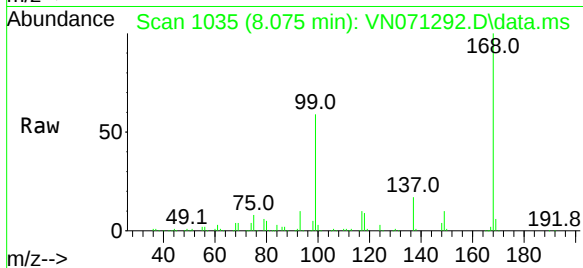
Tgt Ion: 75 Resp: 61521

Ion Ratio Lower Upper

75 100

110 8.5 18.4 55.2#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 4.116 ug/l

RT: 7.339 min Scan# 910

Delta R.T. -0.071 min

Lab File: VN071292.D

Acq: 15 Mar 2022 15:16

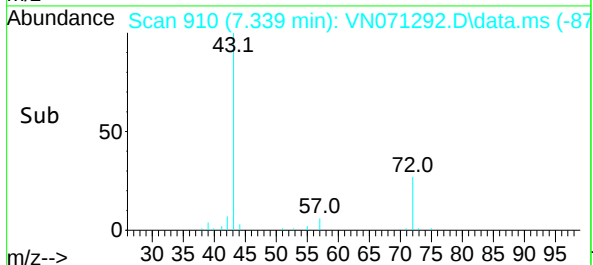
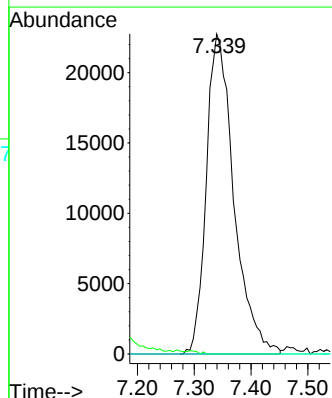
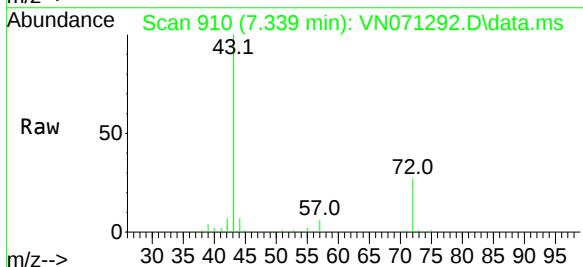
Tgt Ion: 43 Resp: 76484

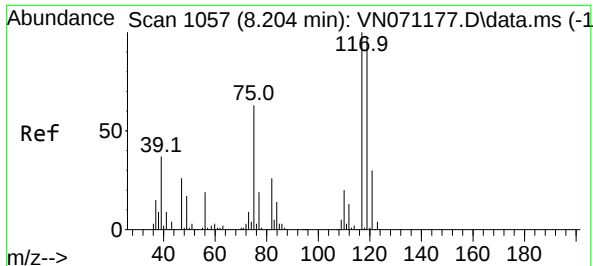
Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

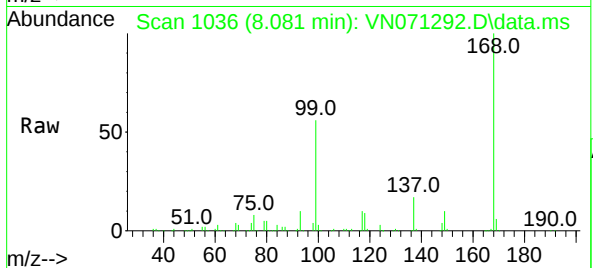
70 0.0 7.9 11.9#



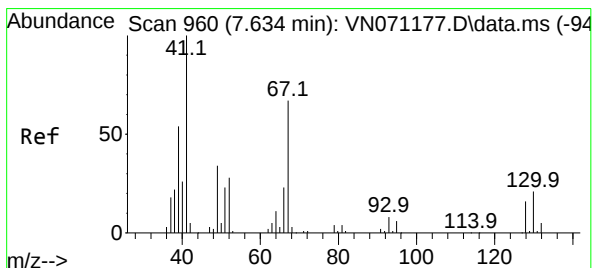
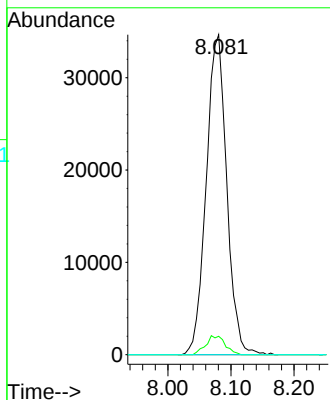
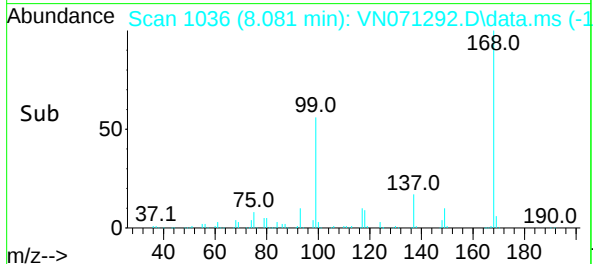


#38
Carbon Tetrachloride
Concen: 5.990 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.123 min
Lab File: VN071292.D
Acq: 15 Mar 2022 15:16

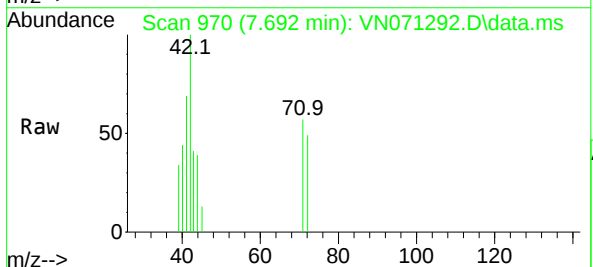
Instrument :
MSVOA_N
ClientSampleId :
DUM-37



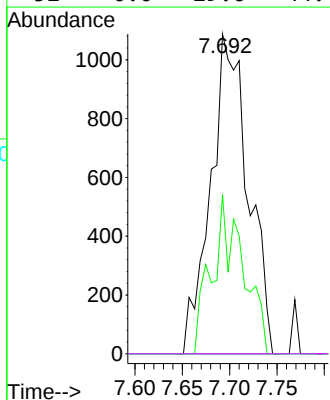
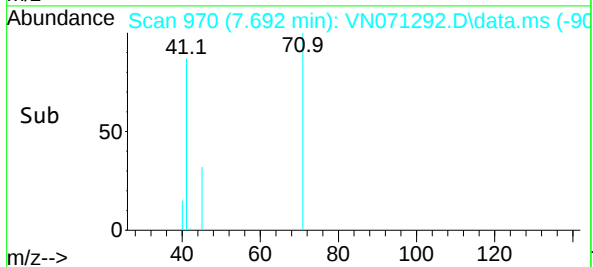
Tgt Ion:117 Resp: 78237
Ion Ratio Lower Upper
117 100
119 5.7 76.1 114.1#
121 0.0 24.2 36.2#

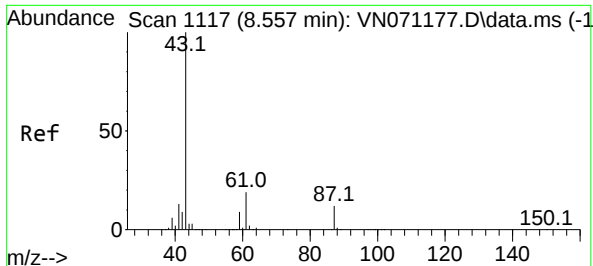


#41
Methacrylonitrile
Concen: 0.329 ug/l
RT: 7.692 min Scan# 970
Delta R.T. 0.059 min
Lab File: VN071292.D
Acq: 15 Mar 2022 15:16



Tgt Ion: 41 Resp: 2995
Ion Ratio Lower Upper
41 100
39 41.5 48.1 72.1#
67 0.0 68.3 102.5#
52 0.0 29.6 44.4#





#43

Isopropyl Acetate

Concen: 2.627 ug/l

RT: 8.551 min Scan# 1116

Delta R.T. -0.006 min

Lab File: VN071292.D

Acq: 15 Mar 2022 15:16

Instrument :

MSVOA_N

ClientSampleId :

DUM-37

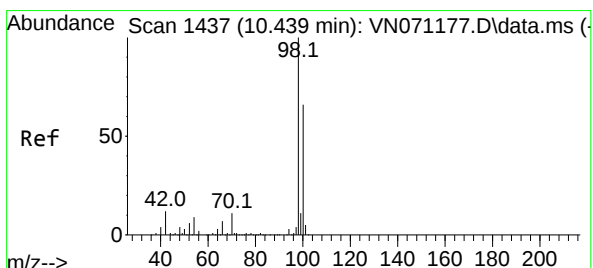
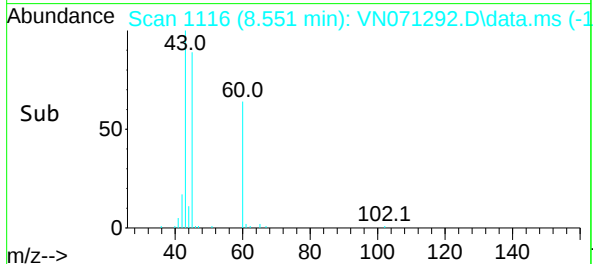
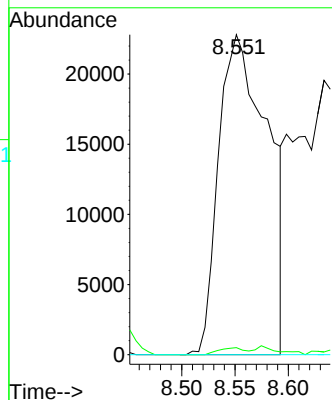
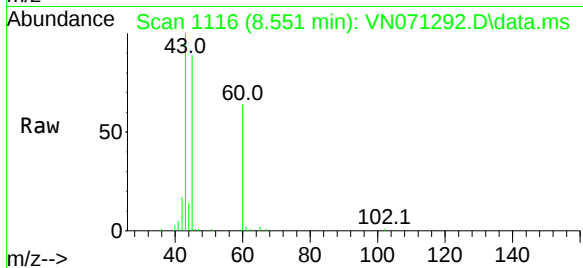
Tgt Ion: 43 Resp: 73009

Ion Ratio Lower Upper

43 100

61 1.2 20.4 30.6#

87 0.0 11.2 16.8#



#50

Toluene-d8

Concen: 47.530 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN071292.D

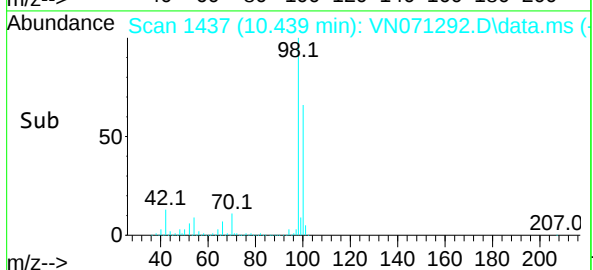
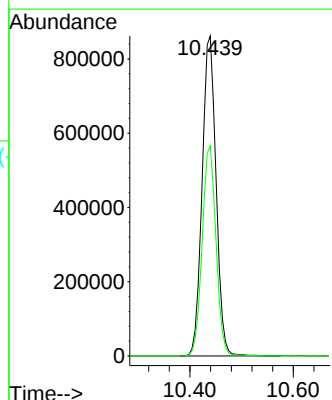
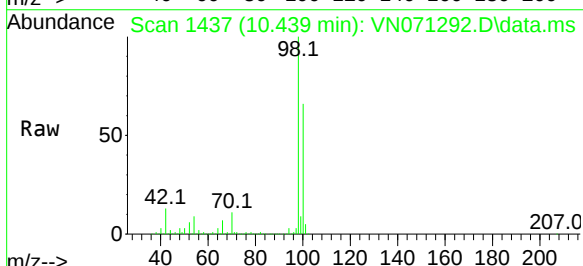
Acq: 15 Mar 2022 15:16

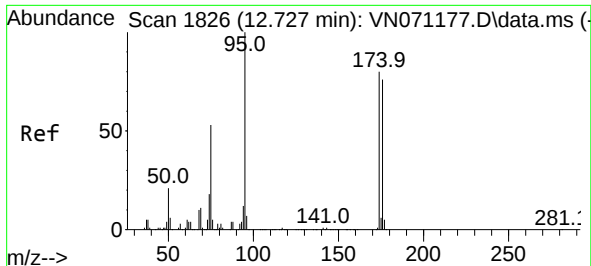
Tgt Ion: 98 Resp: 1612844

Ion Ratio Lower Upper

98 100

100 65.2 50.4 75.6

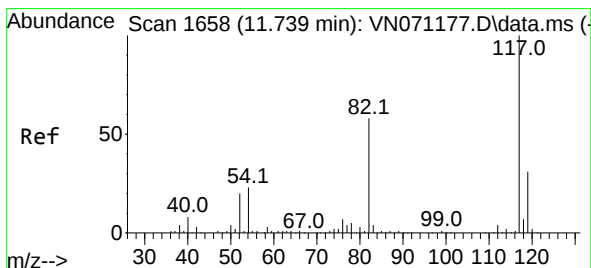
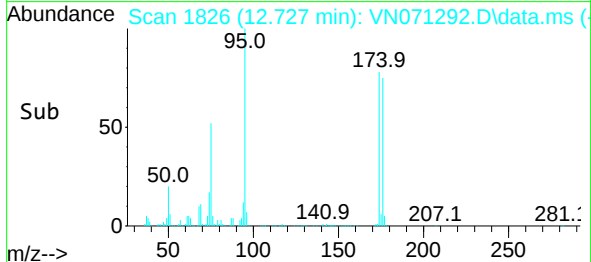
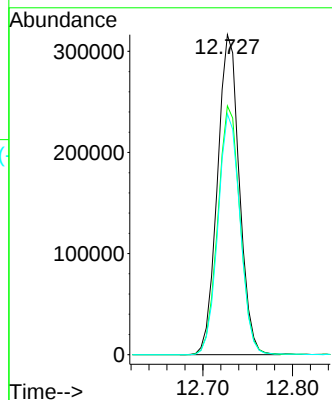
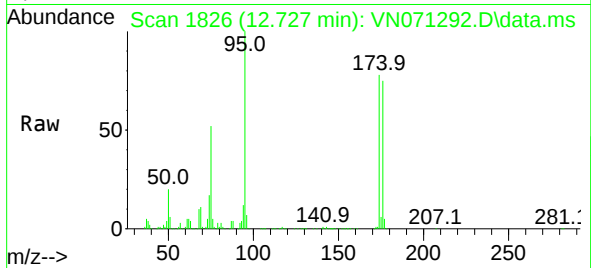




#62
4-Bromofluorobenzene
Concen: 46.730 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071292.D
Acq: 15 Mar 2022 15:16

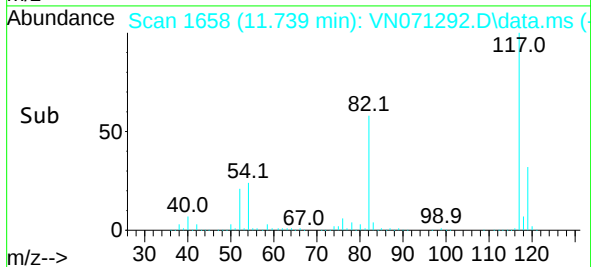
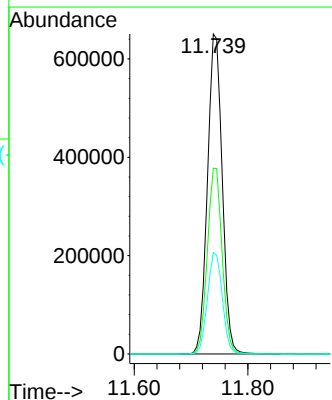
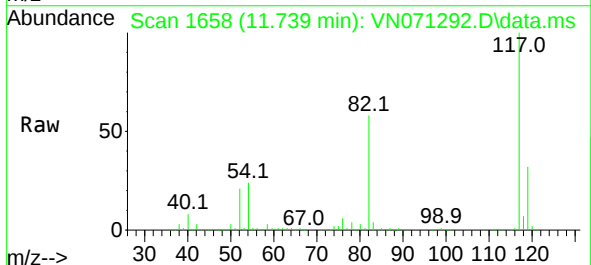
Instrument :
MSVOA_N
ClientSampleId :
DUM-37

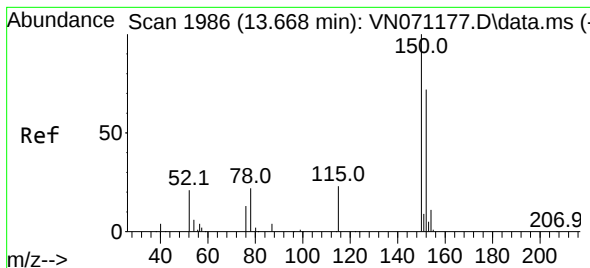
Tgt Ion: 95 Resp: 536954
Ion Ratio Lower Upper
95 100
174 78.8 0.0 187.2
176 75.8 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071292.D
Acq: 15 Mar 2022 15:16

Tgt Ion: 117 Resp: 1165609
Ion Ratio Lower Upper
117 100
82 58.0 42.4 63.6
119 31.6 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.668 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN071292.D

Acq: 15 Mar 2022 15:16

Instrument :

MSVOA_N

ClientSampleId :

DUM-37

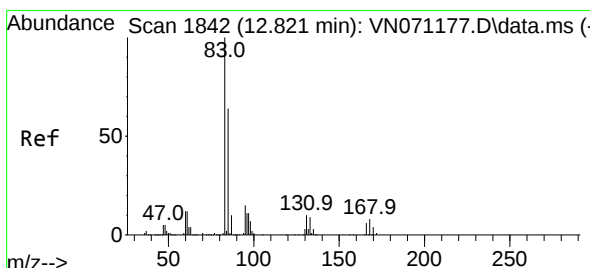
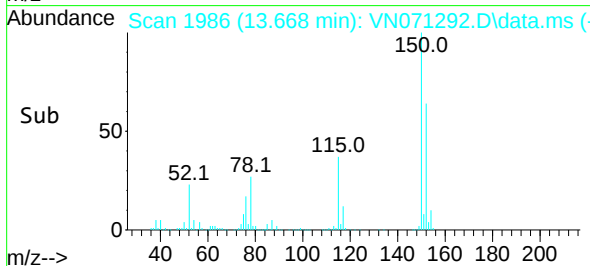
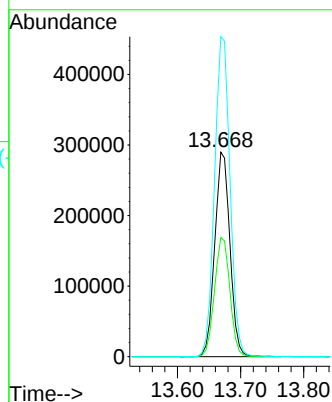
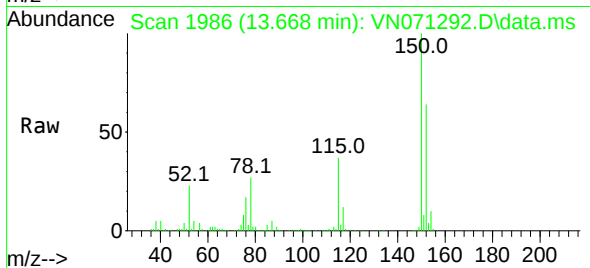
Tgt Ion:152 Resp: 484026

Ion Ratio Lower Upper

152 100

115 59.0 27.5 82.5

150 159.6 0.0 344.4



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.733 min Scan# 1827

Delta R.T. -0.088 min

Lab File: VN071292.D

Acq: 15 Mar 2022 15:16

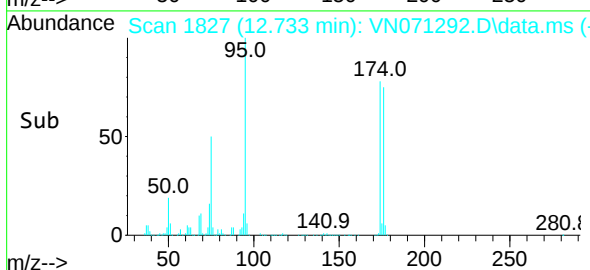
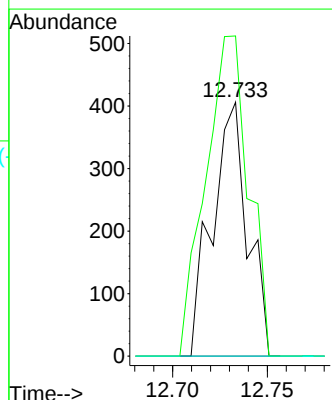
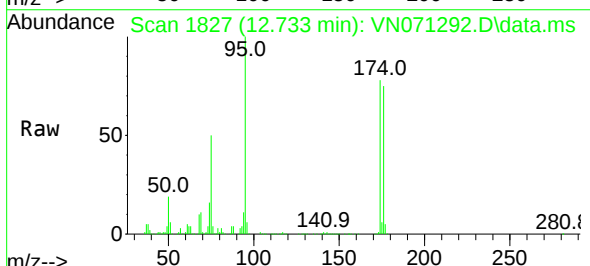
Tgt Ion: 83 Resp: 530

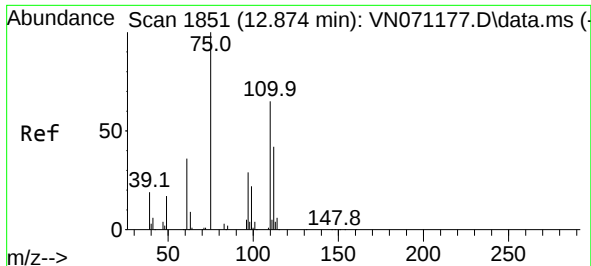
Ion Ratio Lower Upper

83 100

131 152.5 5.5 16.5#

85 0.0 32.4 97.2#

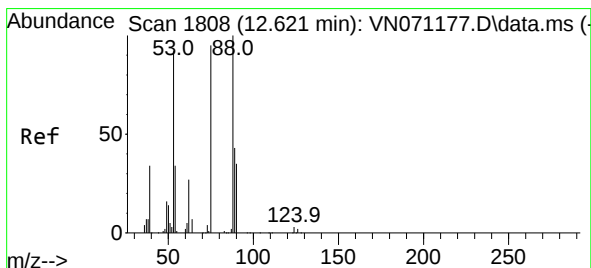
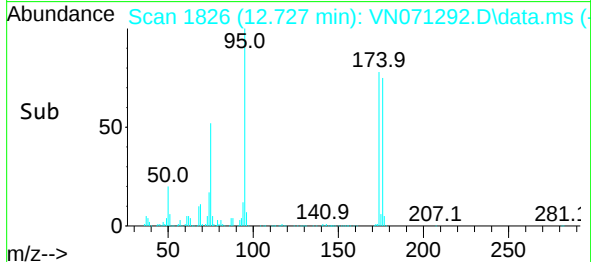
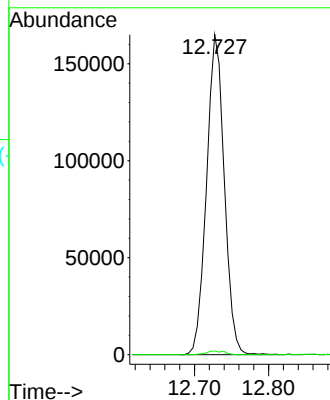
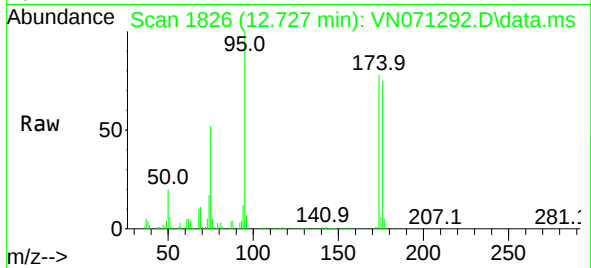




#76
1,2,3-Trichloropropane
Concen: 21.806 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071292.D
Acq: 15 Mar 2022 15:16

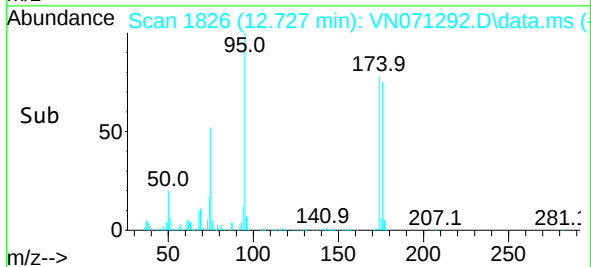
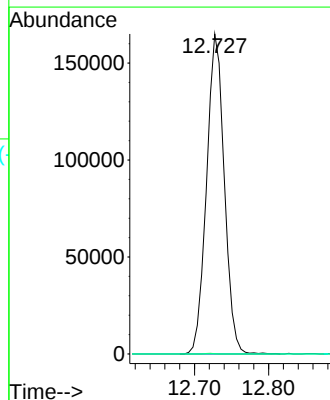
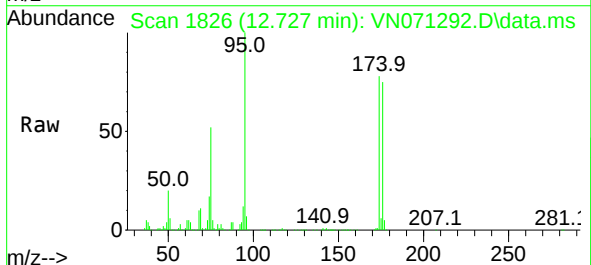
Instrument :
MSVOA_N
ClientSampleId :
DUM-37

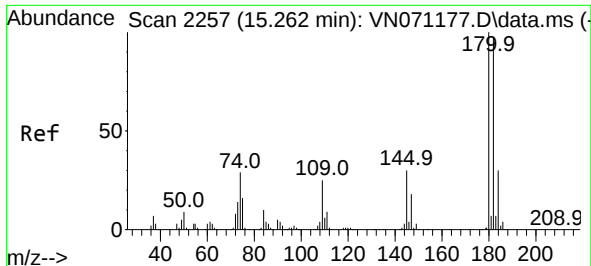
Tgt Ion: 75 Resp: 274478
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.300 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN071292.D
Acq: 15 Mar 2022 15:16

Tgt Ion: 75 Resp: 274478
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#

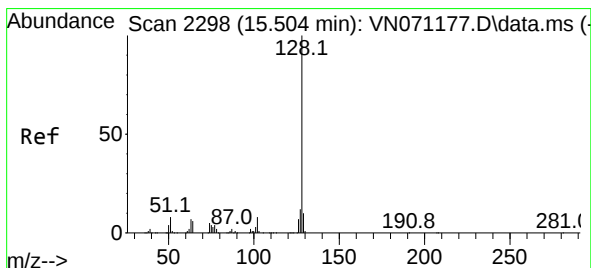
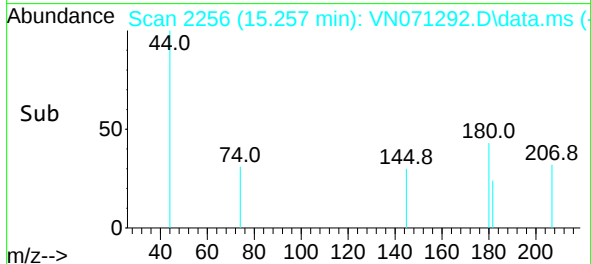
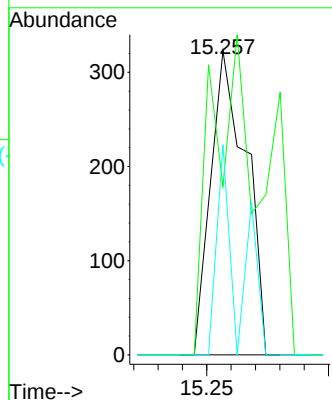
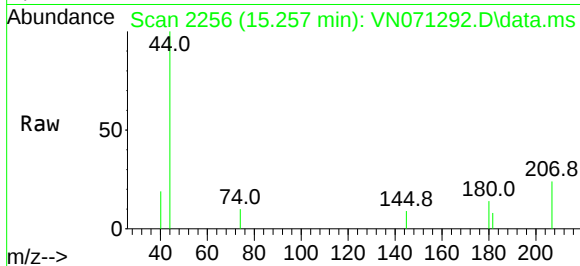




#93
 1,2,4-Trichlorobenzene
 Concen: 3.028 ug/l
 RT: 15.257 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: VN071292.D
 Acq: 15 Mar 2022 15:16

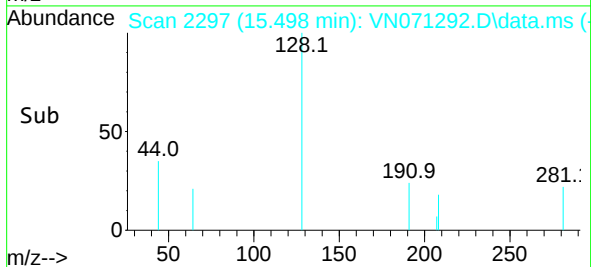
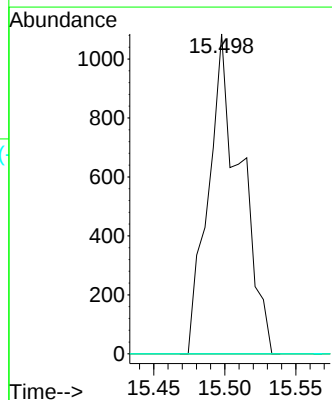
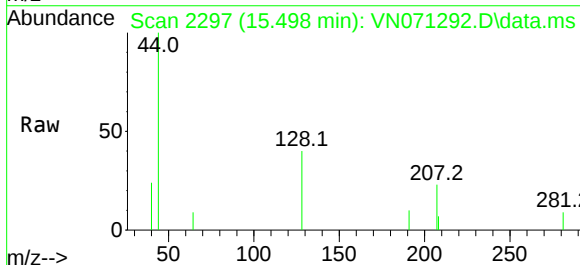
Instrument :
 MSVOA_N
 ClientSampleId :
 DUM-37

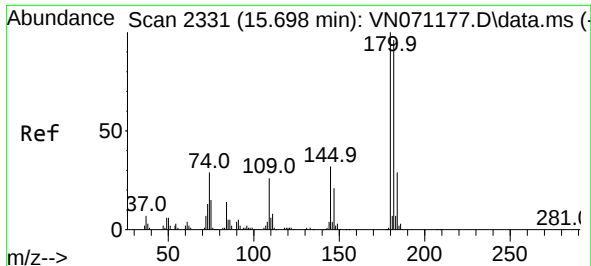
Tgt Ion:180 Resp: 324
 Ion Ratio Lower Upper
 180 100
 182 155.2 48.3 144.9#
 145 42.0 14.5 43.5



#95
 Naphthalene
 Concen: 5.138 ug/l
 RT: 15.498 min Scan# 2297
 Delta R.T. -0.006 min
 Lab File: VN071292.D
 Acq: 15 Mar 2022 15:16

Tgt Ion:128 Resp: 1730
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.5 15.7#
 129 0.0 8.7 13.1#





#96

1,2,3-Trichlorobenzene

Concen: 2.801 ug/l

RT: 15.704 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN071292.D

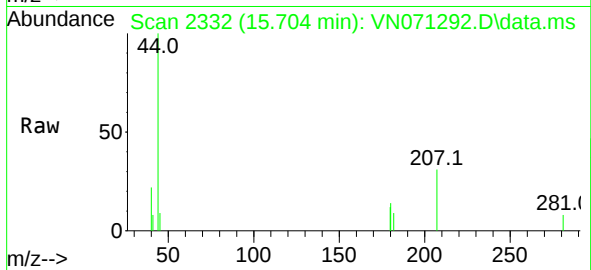
Acq: 15 Mar 2022 15:16

Instrument :

MSVOA_N

ClientSampleId :

DUM-37



Tgt Ion:180 Resp: 556

Ion Ratio Lower Upper

180 100

182 70.1 47.4 142.2

145 0.0 15.0 45.1#

