

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
 Data File : VN073137.D
 Acq On : 26 Jun 2022 04:07
 Operator : JC\MD
 Sample : N3494-31
 Misc : 5.66g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-EXC-1-1

Quant Time: Jun 27 03:55:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

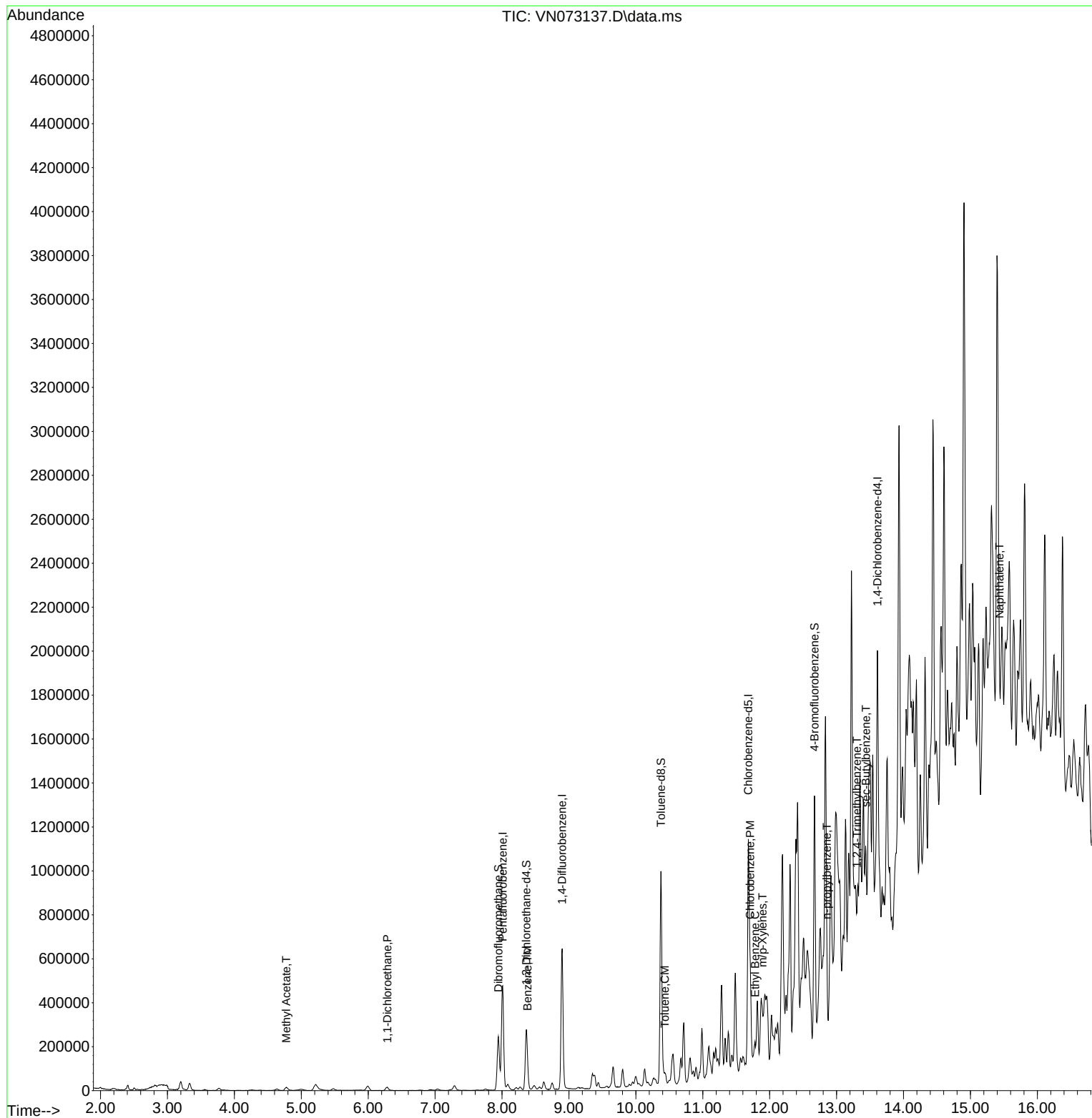
Internal Standards						
1) Pentafluorobenzene	8.010	168	373807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	580488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	583636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	334837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	208399	41.236	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	82.480%
35) Dibromofluoromethane	7.945	113	173081	48.240	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.480%
50) Toluene-d8	10.375	98	631260	47.283	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.560%
62) 4-Bromofluorobenzene	12.669	95	338306	70.469	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	140.940%#
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.775	43	29948	4.048	ug/l	93
24) 1,1-Dichloroethane	6.287	63	20990	2.809	ug/l	97
40) Benzene	8.381	78	40624	2.663	ug/l	99
52) Toluene	10.433	92	22802	2.434	ug/l	93
65) Chlorobenzene	11.710	112	185700	16.292	ug/l	97
67) Ethyl Benzene	11.780	91	41233	2.055	ug/l	98
68) m/p-Xylenes	11.892	106	35734	4.541	ug/l	99
78) n-propylbenzene	12.857	91	61481	2.158	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	39759	1.876	ug/l	94
85) sec-Butylbenzene	13.439	105	40058	1.541	ug/l #	70
95) Naphthalene	15.433	128	325589	12.587	ug/l #	75

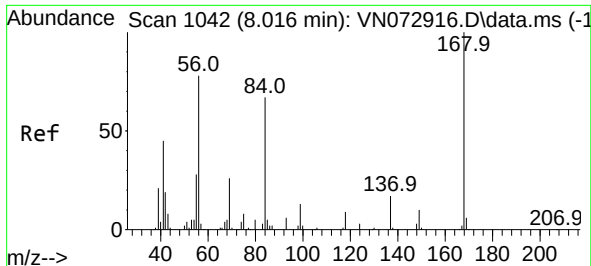
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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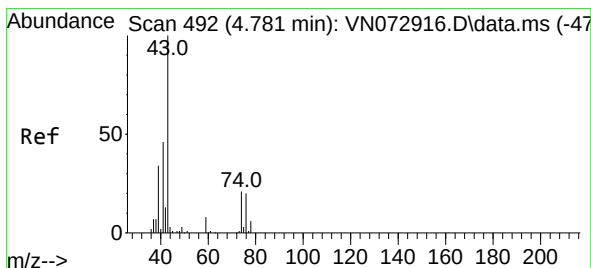
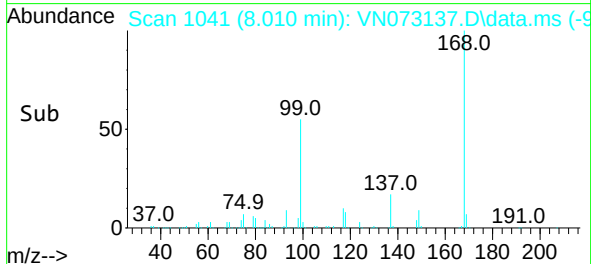
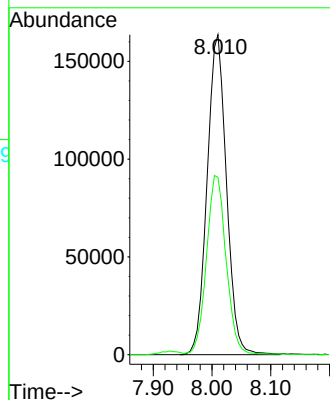
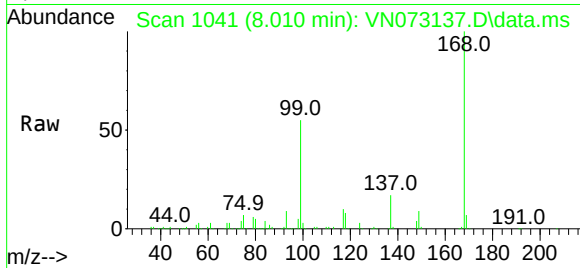




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VN073137.D
Acq: 26 Jun 2022 04:07

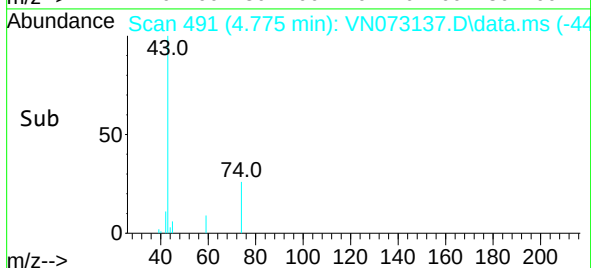
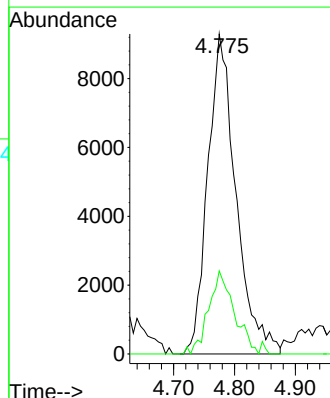
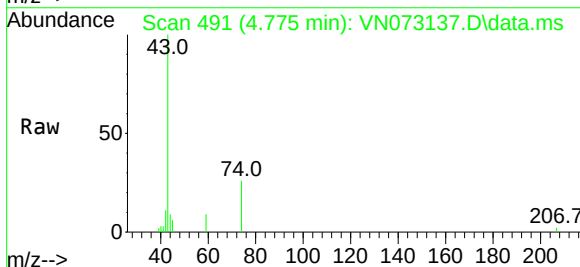
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-1

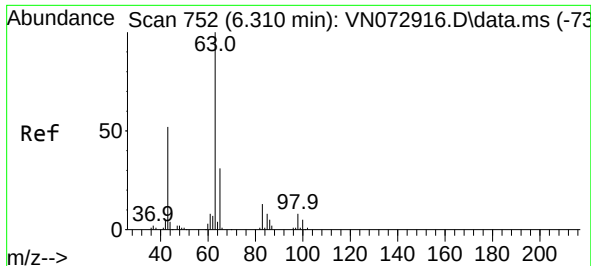
Tgt Ion:168 Resp: 373807
Ion Ratio Lower Upper
168 100
99 55.3 42.3 63.5



#18
Methyl Acetate
Concen: 4.048 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073137.D
Acq: 26 Jun 2022 04:07

Tgt Ion: 43 Resp: 29948
Ion Ratio Lower Upper
43 100
74 23.5 21.6 32.4

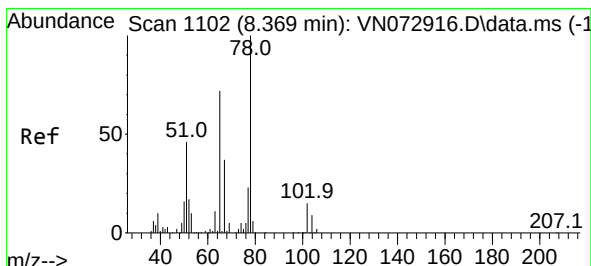
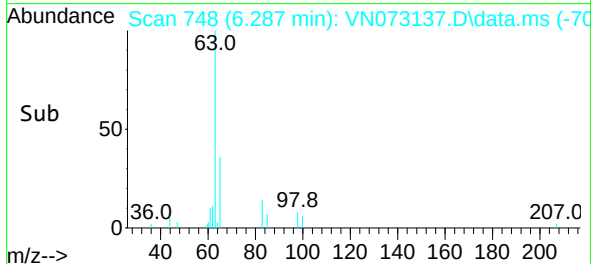
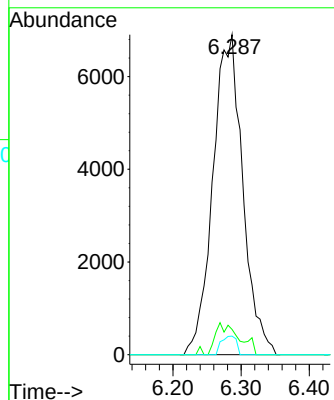
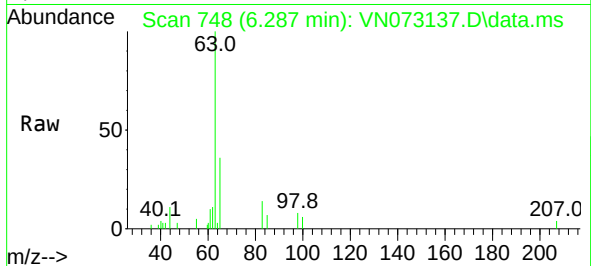




#24
 1,1-Dichloroethane
 Concen: 2.809 ug/l
 RT: 6.287 min Scan# 74
 Delta R.T. -0.023 min
 Lab File: VN073137.D
 Acq: 26 Jun 2022 04:07

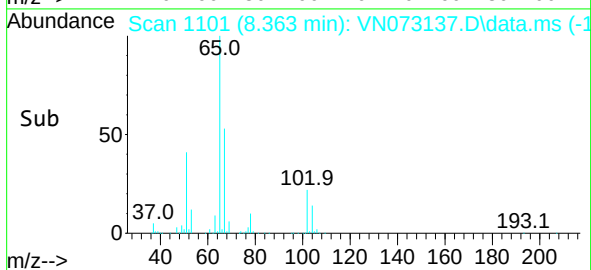
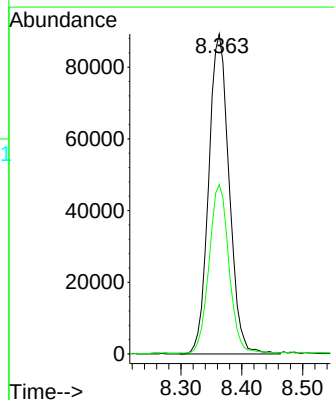
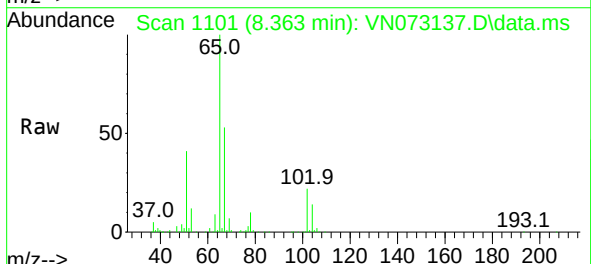
Instrument :
 MSVOA_N
 ClientSampleId :
 SP-EXC-1-1

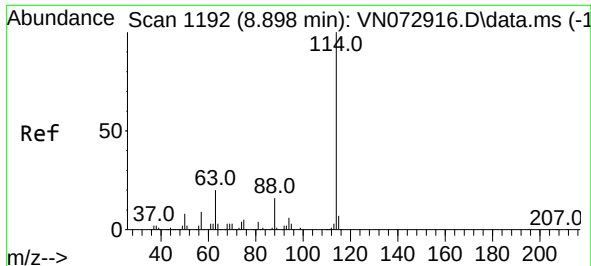
Tgt Ion: 63 Resp: 20990
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.4
 100 5.8 2.3 6.8



#33
 1,2-Dichloroethane-d4
 Concen: 41.236 ug/l
 RT: 8.363 min Scan# 1101
 Delta R.T. -0.006 min
 Lab File: VN073137.D
 Acq: 26 Jun 2022 04:07

Tgt Ion: 65 Resp: 208399
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN073137.D

Acq: 26 Jun 2022 04:07

Instrument :

MSVOA_N

ClientSampleId :

SP-EXC-1-1

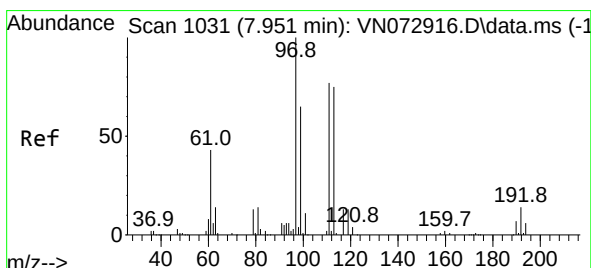
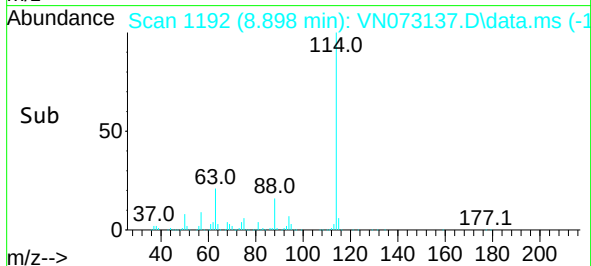
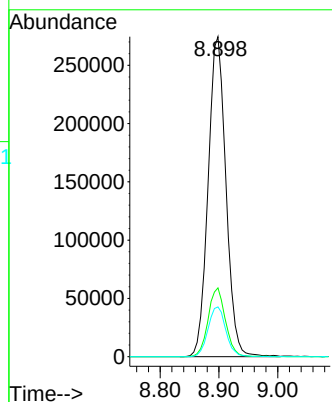
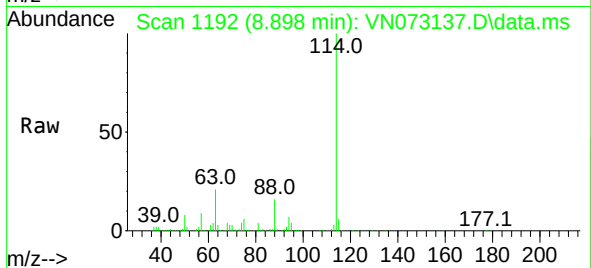
Tgt Ion:114 Resp: 580488

Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.0

88 15.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.240 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN073137.D

Acq: 26 Jun 2022 04:07

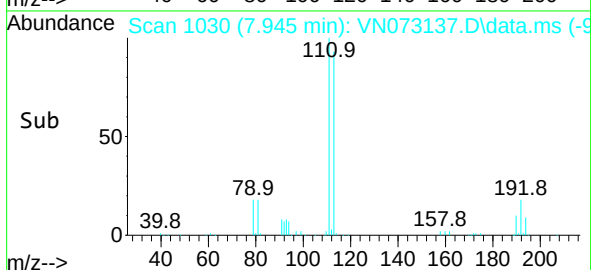
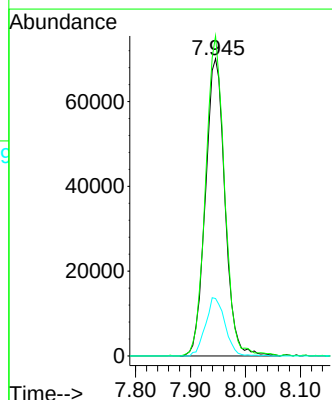
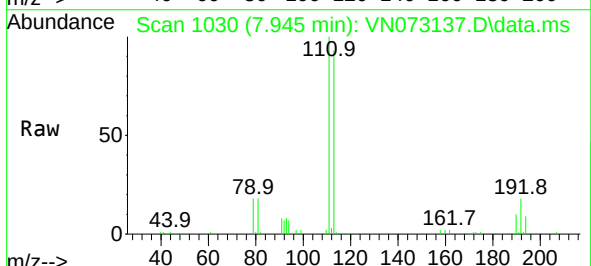
Tgt Ion:113 Resp: 173081

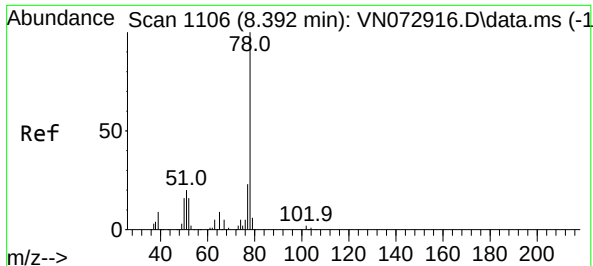
Ion Ratio Lower Upper

113 100

111 104.7 81.4 122.0

192 19.6 17.0 25.6





#40

Benzene

Concen: 2.663 ug/l

RT: 8.381 min Scan# 1104

Delta R.T. -0.012 min

Lab File: VN073137.D

Acq: 26 Jun 2022 04:07

Instrument :

MSVOA_N

ClientSampleId :

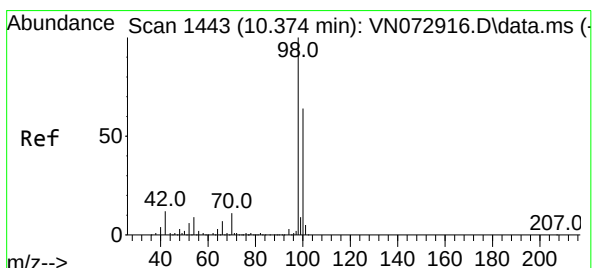
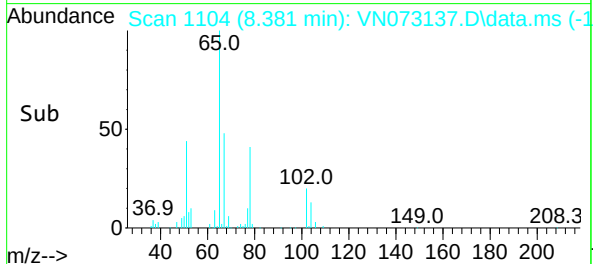
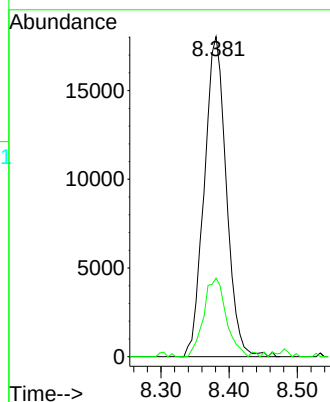
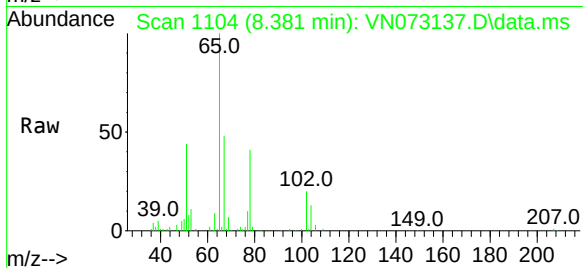
SP-EXC-1-1

Tgt Ion: 78 Resp: 40624

Ion Ratio Lower Upper

78 100

77 24.5 19.4 29.0



#50

Toluene-d8

Concen: 47.283 ug/l

RT: 10.375 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN073137.D

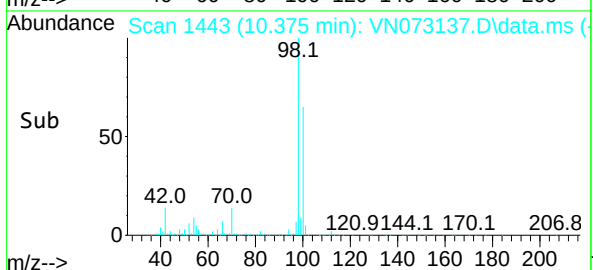
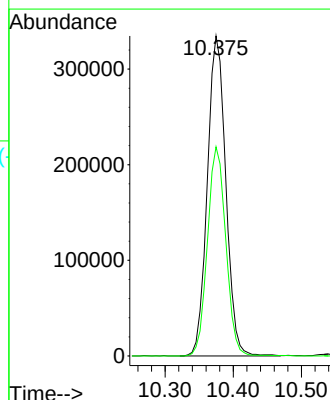
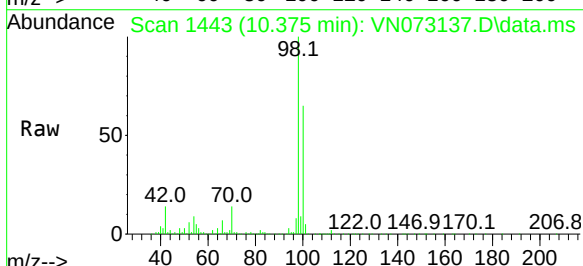
Acq: 26 Jun 2022 04:07

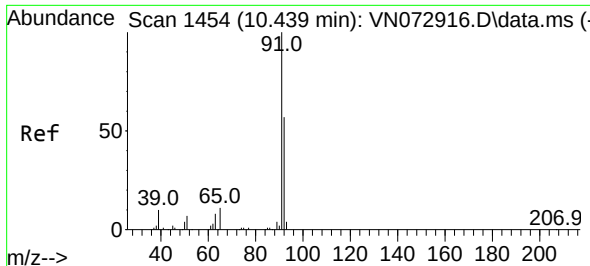
Tgt Ion: 98 Resp: 631260

Ion Ratio Lower Upper

98 100

100 64.9 52.6 78.8

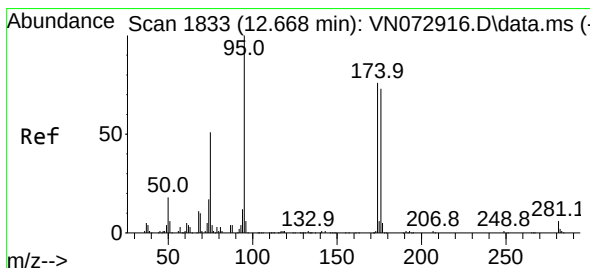
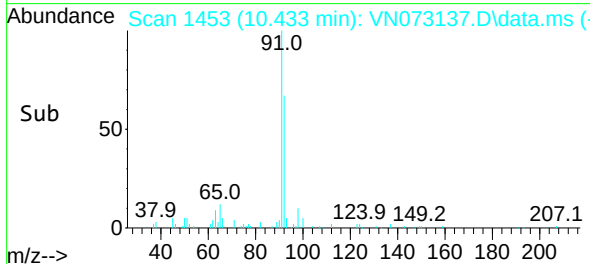
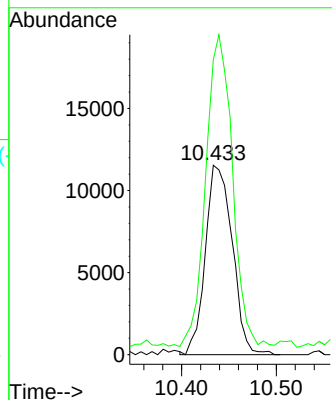
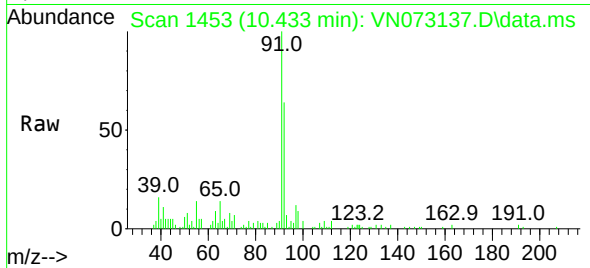




#52
Toluene
Concen: 2.434 ug/l
RT: 10.433 min Scan# 1453
Delta R.T. -0.006 min
Lab File: VN073137.D
Acq: 26 Jun 2022 04:07

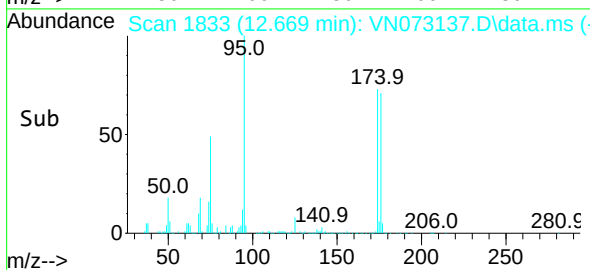
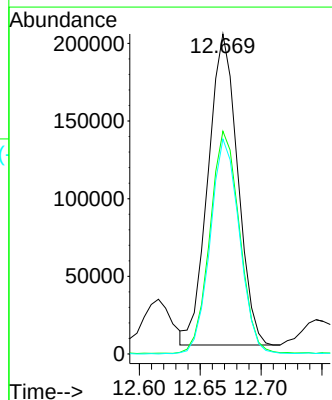
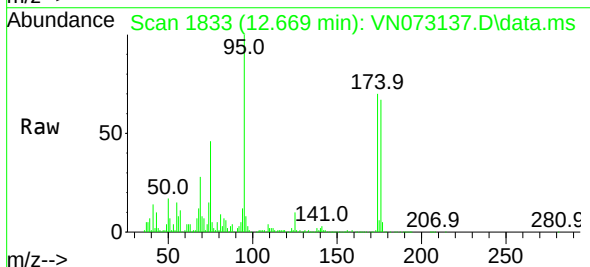
Instrument :
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ClientSampleId :
SP-EXC-1-1

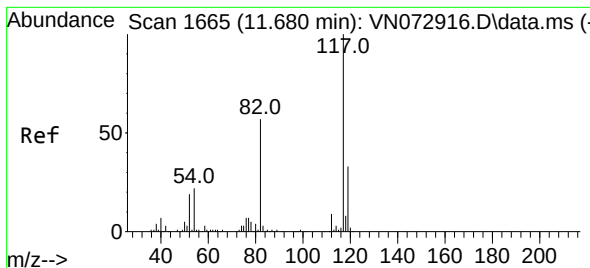
Tgt Ion: 92 Resp: 22802
Ion Ratio Lower Upper
92 100
91 163.3 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 70.469 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073137.D
Acq: 26 Jun 2022 04:07

Tgt Ion: 95 Resp: 338306
Ion Ratio Lower Upper
95 100
174 71.7 0.0 167.6
176 68.3 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073137.D

Acq: 26 Jun 2022 04:07

Instrument :

MSVOA_N

ClientSampleId :

SP-EXC-1-1

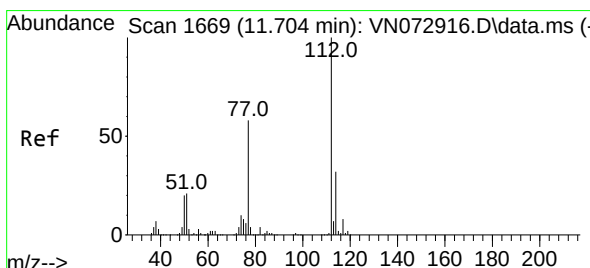
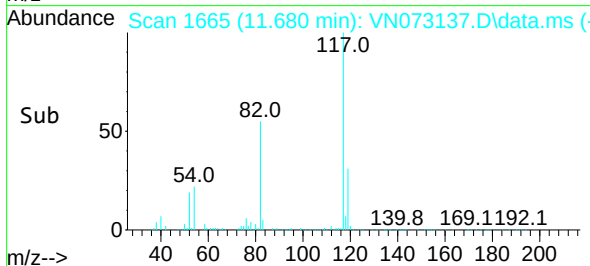
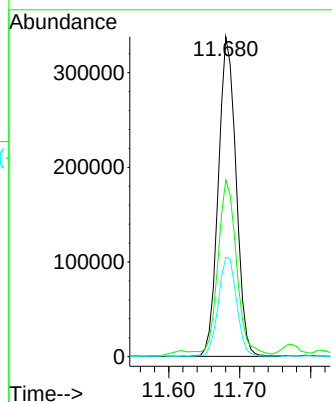
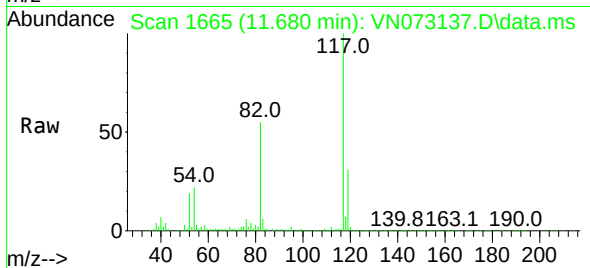
Tgt Ion:117 Resp: 583636

Ion Ratio Lower Upper

117 100

82 53.4 44.2 66.2

119 30.9 25.4 38.0



#65

Chlorobenzene

Concen: 16.292 ug/l

RT: 11.710 min Scan# 1670

Delta R.T. 0.006 min

Lab File: VN073137.D

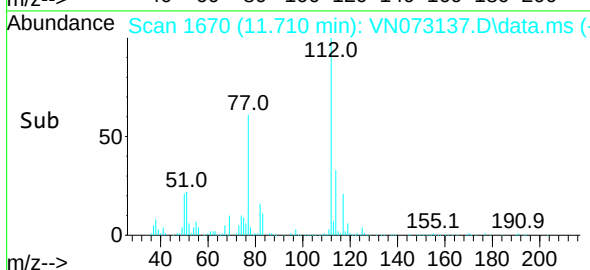
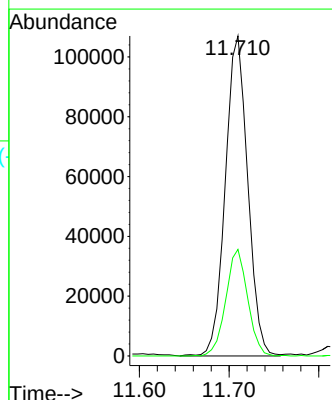
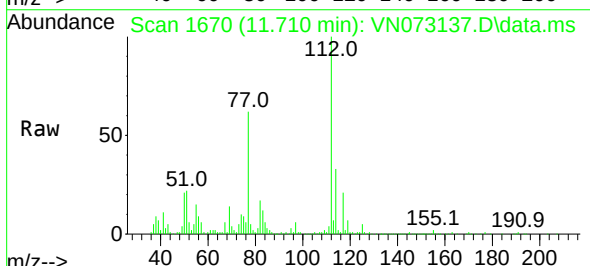
Acq: 26 Jun 2022 04:07

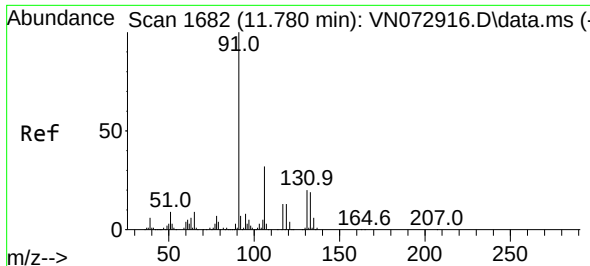
Tgt Ion:112 Resp: 185700

Ion Ratio Lower Upper

112 100

114 33.3 25.4 38.2

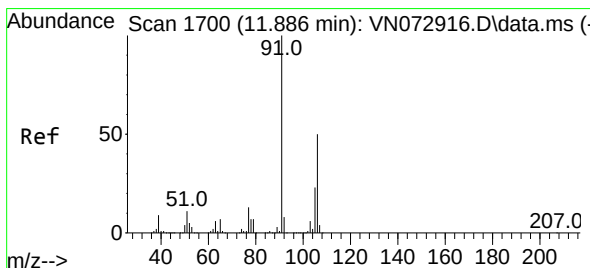
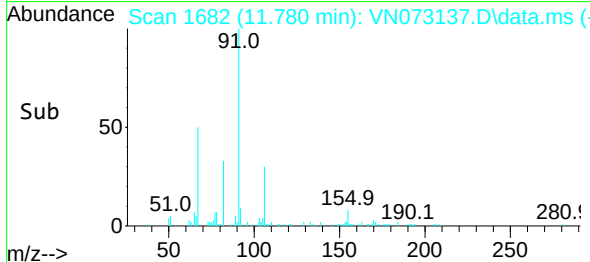
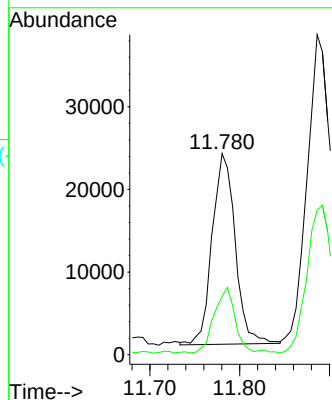
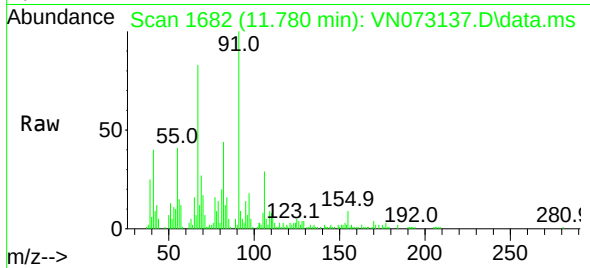




#67
Ethyl Benzene
Concen: 2.055 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073137.D
Acq: 26 Jun 2022 04:07

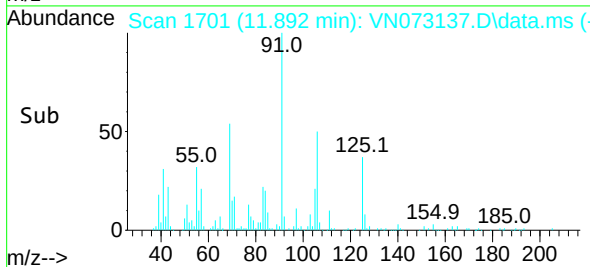
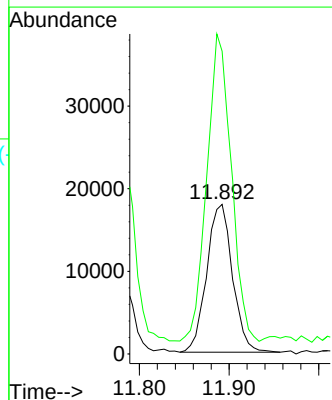
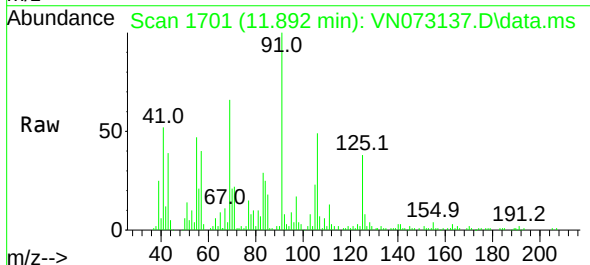
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-1

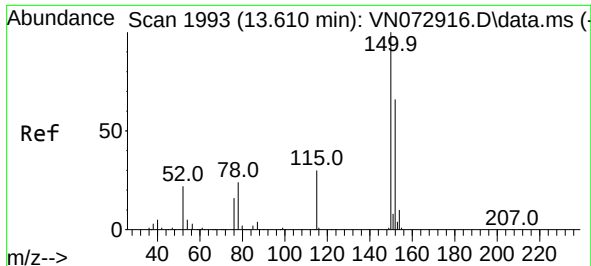
Tgt Ion: 91 Resp: 41233
Ion Ratio Lower Upper
91 100
106 29.9 24.9 37.3



#68
m/p-Xylenes
Concen: 4.541 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN073137.D
Acq: 26 Jun 2022 04:07

Tgt Ion: 106 Resp: 35734
Ion Ratio Lower Upper
106 100
91 197.4 158.9 238.3

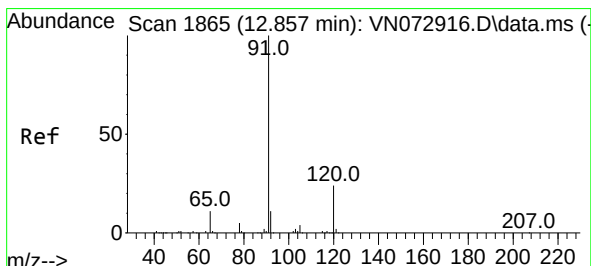
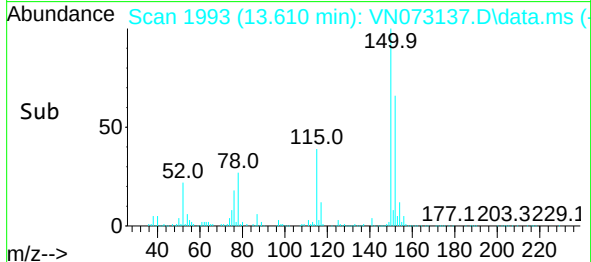
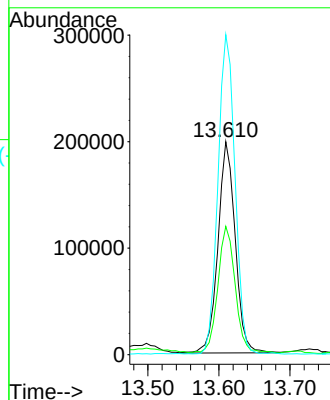
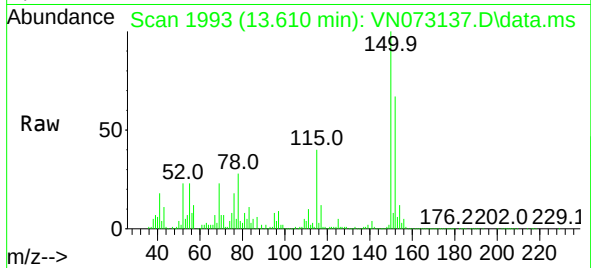




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073137.D
Acq: 26 Jun 2022 04:07

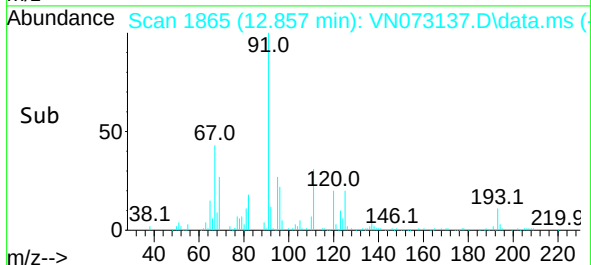
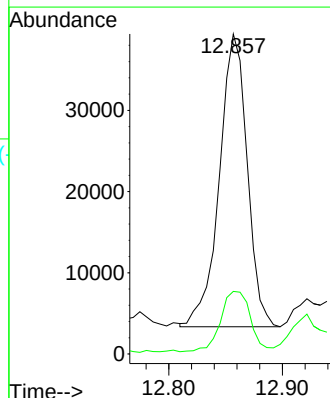
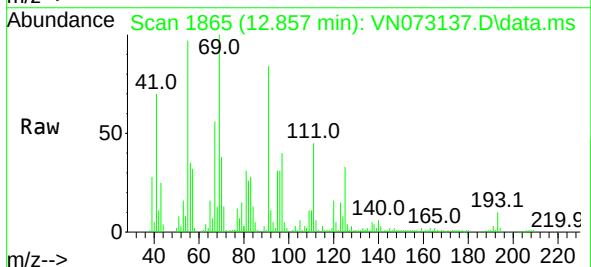
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-1

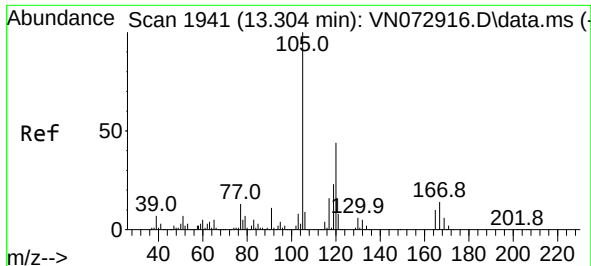
Tgt Ion:152 Resp: 334837
Ion Ratio Lower Upper
152 100
115 59.8 28.9 86.7
150 148.4 0.0 356.2



#78
n-propylbenzene
Concen: 2.158 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN073137.D
Acq: 26 Jun 2022 04:07

Tgt Ion: 91 Resp: 61481
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.5

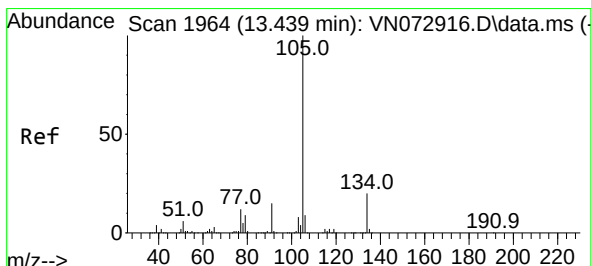
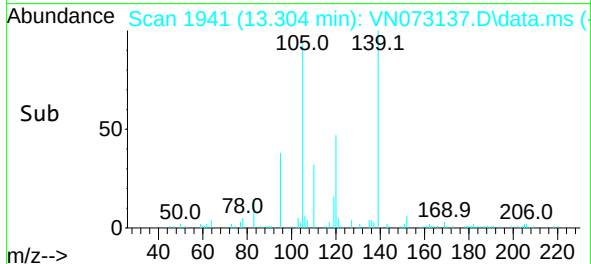
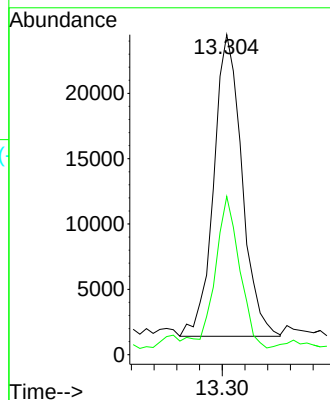
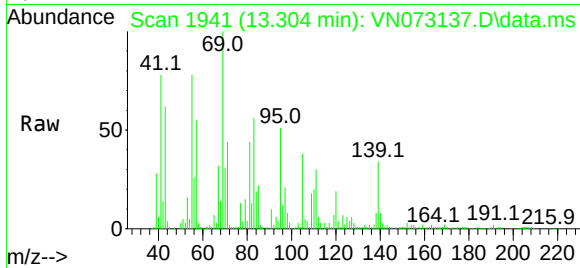




#84
1,2,4-Trimethylbenzene
Concen: 1.876 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN073137.D
Acq: 26 Jun 2022 04:07

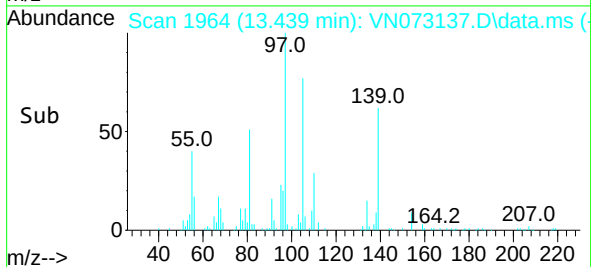
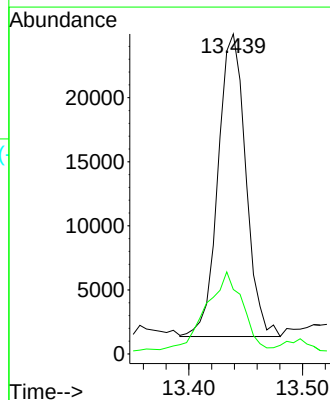
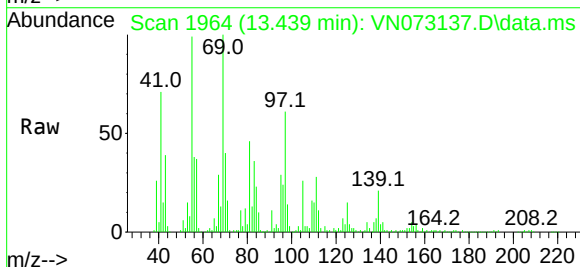
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-1

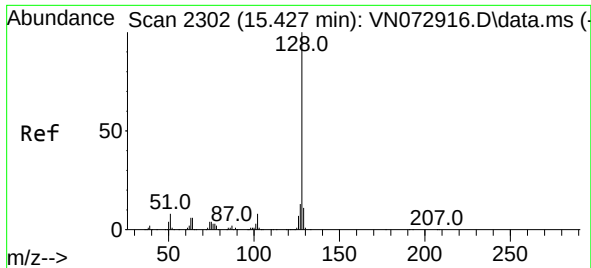
Tgt Ion:105 Resp: 39759
Ion Ratio Lower Upper
105 100
120 42.8 23.3 69.8



#85
sec-Butylbenzene
Concen: 1.541 ug/l
RT: 13.439 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VN073137.D
Acq: 26 Jun 2022 04:07

Tgt Ion:105 Resp: 40058
Ion Ratio Lower Upper
105 100
134 34.6 10.4 31.1#





#95

Naphthalene

Concen: 12.587 ug/l

RT: 15.433 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073137.D

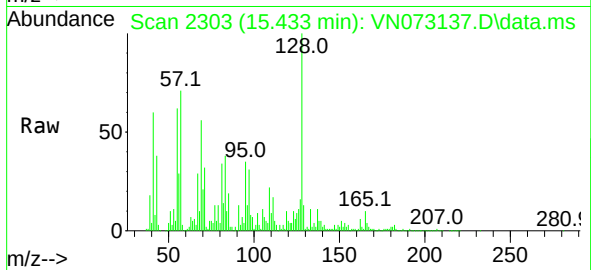
Acq: 26 Jun 2022 04:07

Instrument :

MSVOA_N

ClientSampleId :

SP-EXC-1-1



Tgt Ion:128 Resp: 325589

Ion Ratio Lower Upper

128 100

127 28.1 10.3 15.5#

129 14.5 8.6 13.0#

