

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062722\
 Data File : VN073183.D
 Acq On : 28 Jun 2022 00:59
 Operator : JC\MD
 Sample : N3455-13
 Misc : 5.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-EXC-2-3-GR

Quant Time: Jun 28 06:41:35 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)

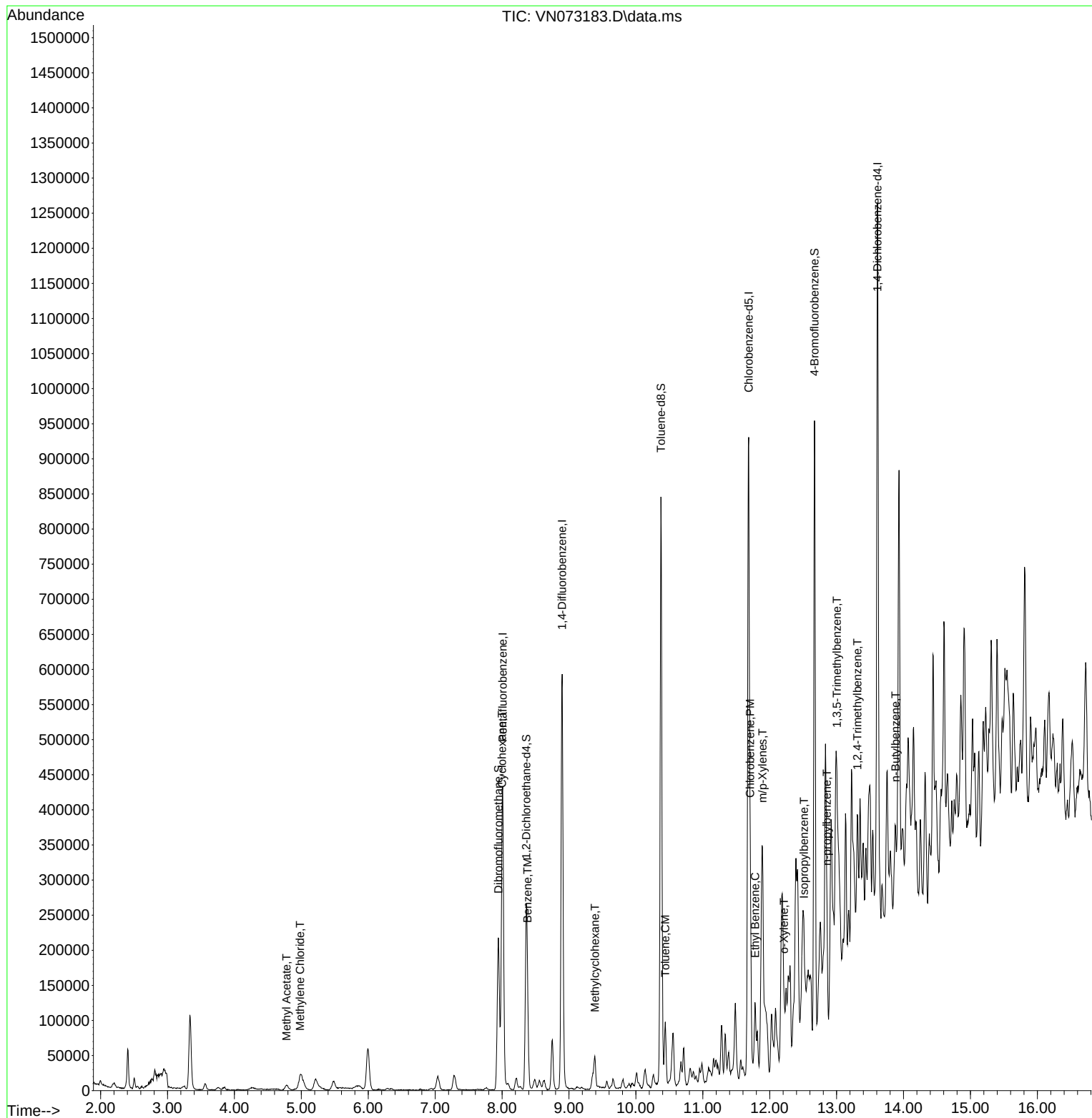
Internal Standards						
1) Pentafluorobenzene	8.010	168	328034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	530525	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	522984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	286245	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	188301	42.459	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.920%
35) Dibromofluoromethane	7.945	113	157629	48.070	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.140%
50) Toluene-d8	10.374	98	563471	46.180	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.360%
62) 4-Bromofluorobenzene	12.668	95	284635	64.873	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	129.740%#
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.781	43	15533	2.393	ug/l	94
20) Methylene Chloride	4.981	84	7030	1.625	ug/l	94
31) Cyclohexane	7.998	56	15288	2.548	ug/l #	75
39) Methylcyclohexane	9.386	83	21514	4.023	ug/l	97
40) Benzene	8.380	78	67591	4.847	ug/l	95
52) Toluene	10.439	92	36397	4.251	ug/l	100
65) Chlorobenzene	11.710	112	133956	13.115	ug/l	97
67) Ethyl Benzene	11.780	91	64656	3.596	ug/l	98
68) m/p-Xylenes	11.892	106	69844	9.904	ug/l	98
69) o-Xylene	12.216	106	9809	1.392	ug/l	89
73) Isopropylbenzene	12.515	105	22281	1.006	ug/l	97
78) n-propylbenzene	12.857	91	89232	3.663	ug/l	100
80) 1,3,5-Trimethylbenzene	13.004	105	18262	1.004	ug/l	100
84) 1,2,4-Trimethylbenzene	13.310	105	72589	4.007	ug/l	99
89) n-Butylbenzene	13.880	91	30025	2.044	ug/l #	73

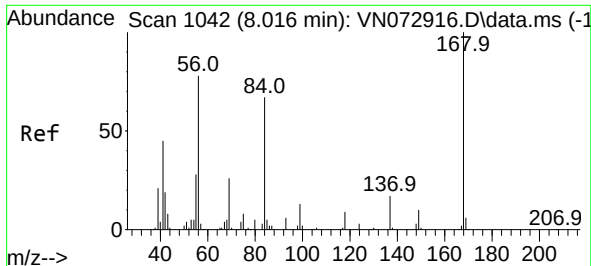
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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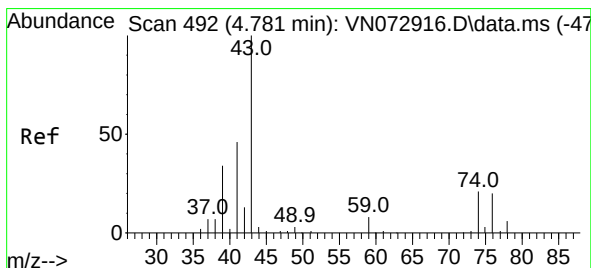
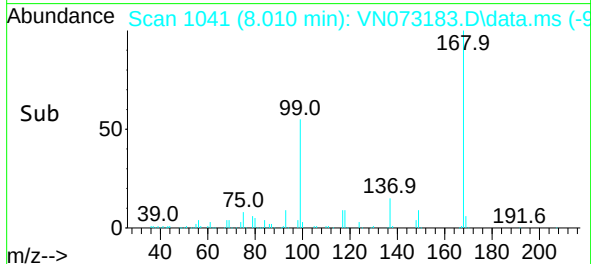
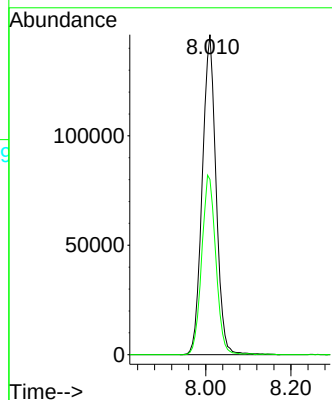
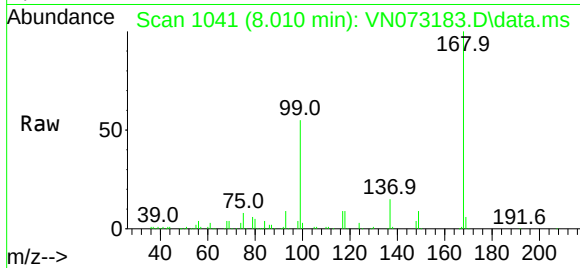




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

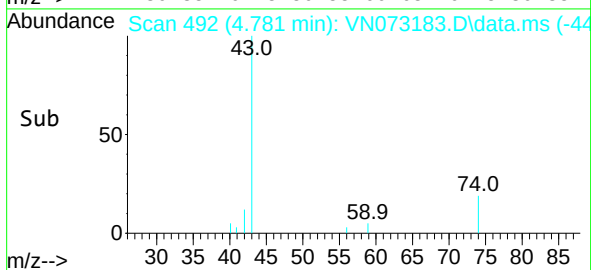
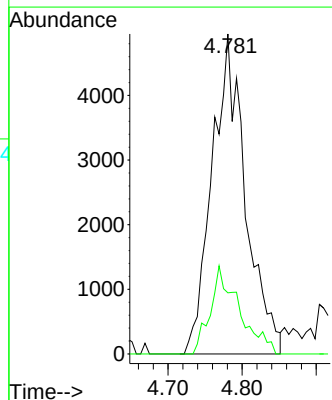
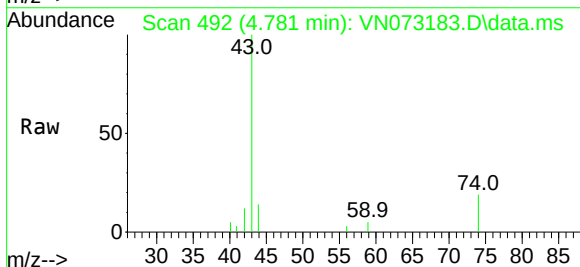
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3-GR

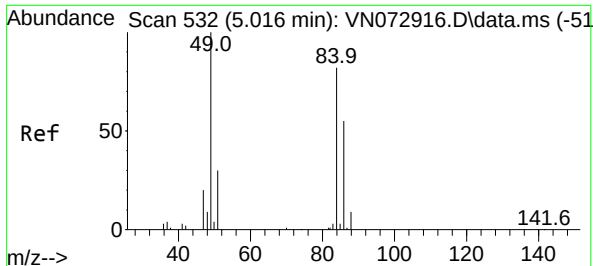
Tgt Ion:168 Resp: 328034
Ion Ratio Lower Upper
168 100
99 54.7 42.3 63.5



#18
Methyl Acetate
Concen: 2.393 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.000 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

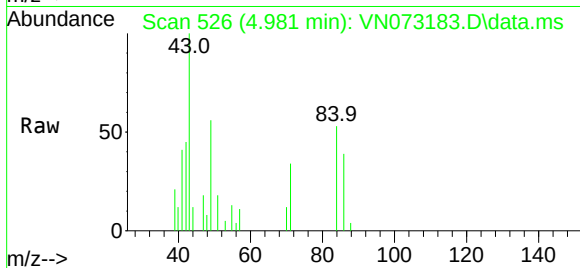
Tgt Ion: 43 Resp: 15533
Ion Ratio Lower Upper
43 100
74 23.9 21.6 32.4



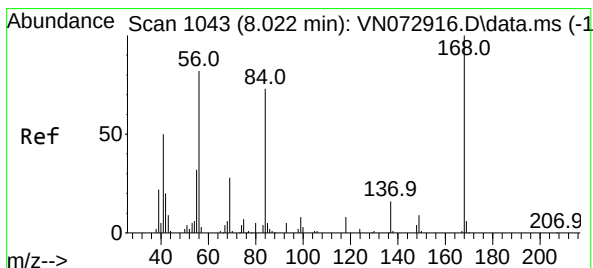
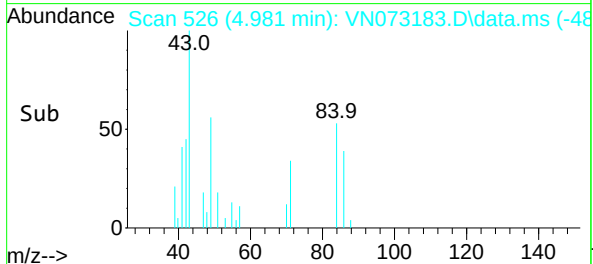
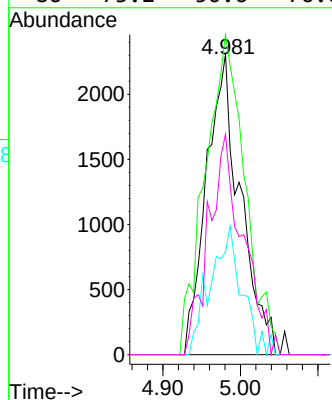


#20
Methylene Chloride
Concen: 1.625 ug/l
RT: 4.981 min Scan# 51
Delta R.T. -0.035 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3-GR

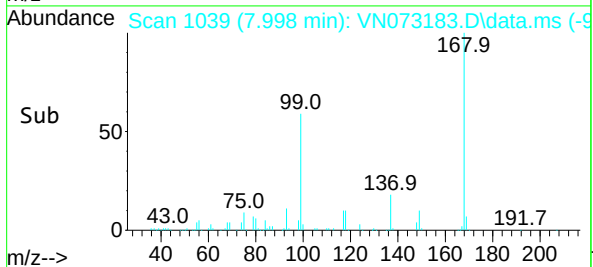
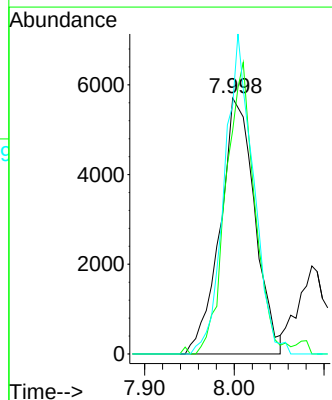
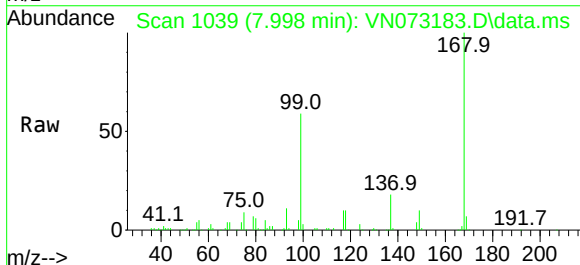


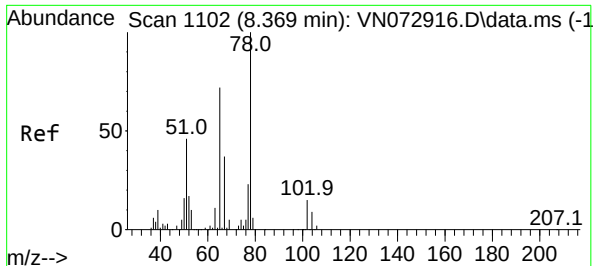
Tgt Ion:	84	Resp:	7030
Ion	Ratio	Lower	Upper
84	100		
49	106.4	88.3	132.5
51	34.1	28.2	42.2
86	73.2	50.6	76.0



#31
Cyclohexane
Concen: 2.548 ug/l
RT: 7.998 min Scan# 1039
Delta R.T. -0.024 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

Tgt Ion:	56	Resp:	15288
Ion	Ratio	Lower	Upper
56	100		
69	87.4	27.8	41.8#
84	97.1	76.9	115.3





#33

1,2-Dichloroethane-d4

Concen: 42.459 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN073183.D

Acq: 28 Jun 2022 00:59

Instrument :

MSVOA_N

ClientSampleId :

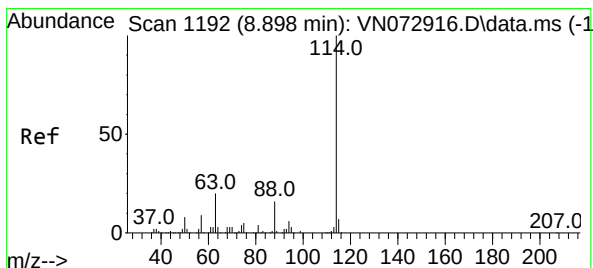
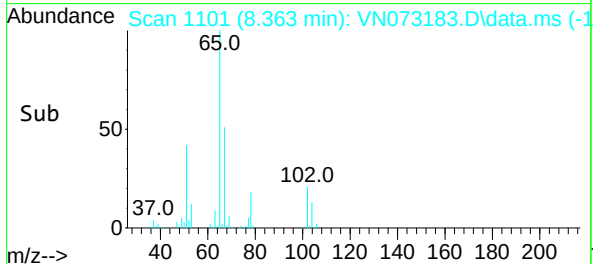
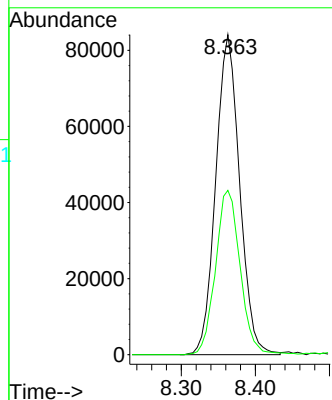
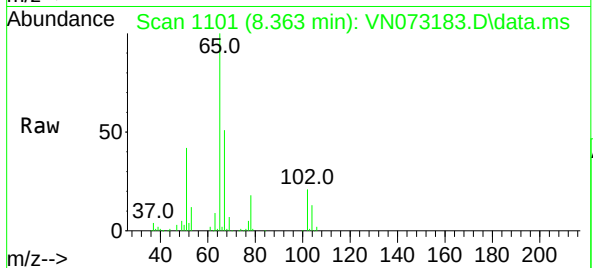
SP-EXC-2-3-GR

Tgt Ion: 65 Resp: 188301

Ion Ratio Lower Upper

65 100

67 53.0 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: VN073183.D

Acq: 28 Jun 2022 00:59

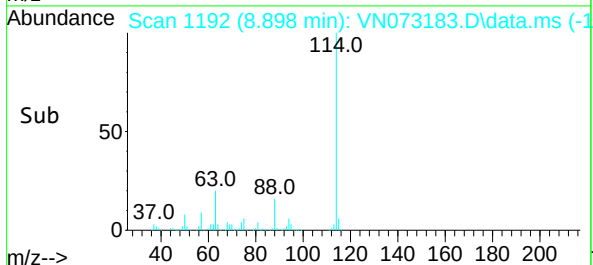
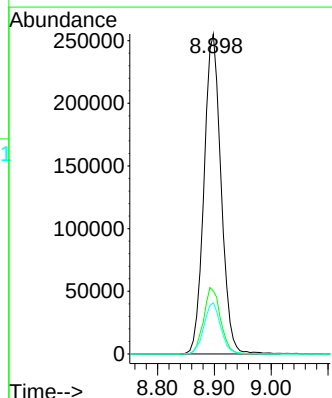
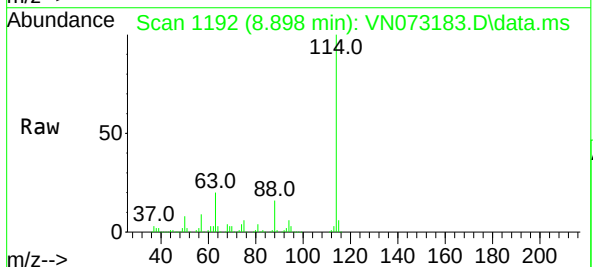
Tgt Ion: 114 Resp: 530525

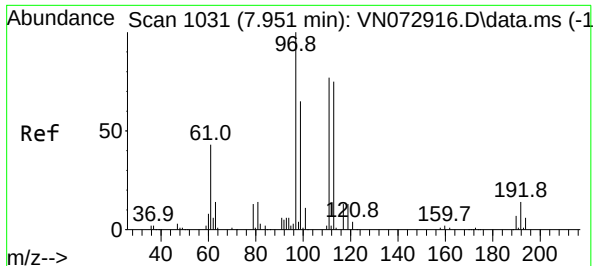
Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.0

88 16.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.070 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN073183.D

Acq: 28 Jun 2022 00:59

Instrument :

MSVOA_N

ClientSampleId :

SP-EXC-2-3-GR

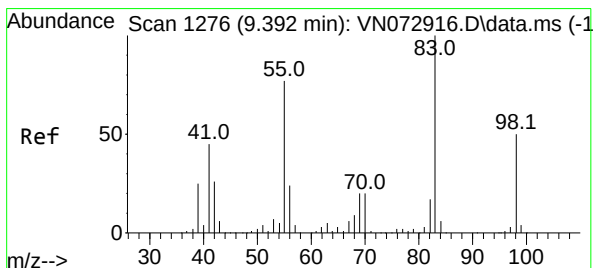
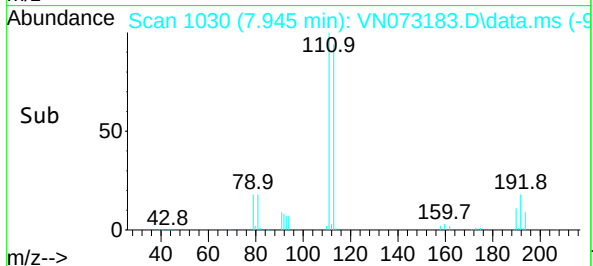
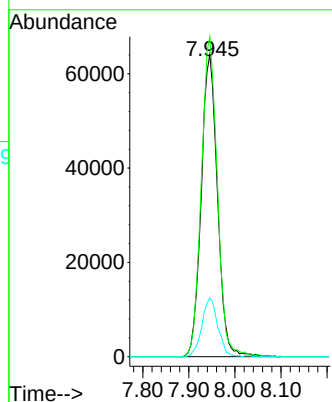
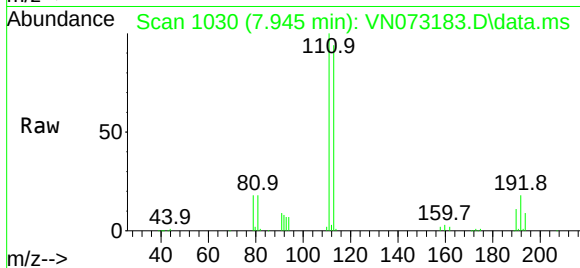
Tgt Ion:113 Resp: 157629

Ion Ratio Lower Upper

113 100

111 105.0 81.4 122.0

192 19.1 17.0 25.6



#39

Methylcyclohexane

Concen: 4.023 ug/l

RT: 9.386 min Scan# 1275

Delta R.T. -0.006 min

Lab File: VN073183.D

Acq: 28 Jun 2022 00:59

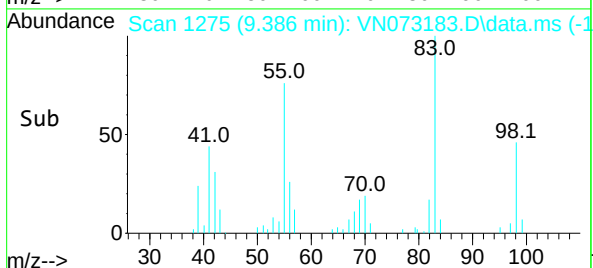
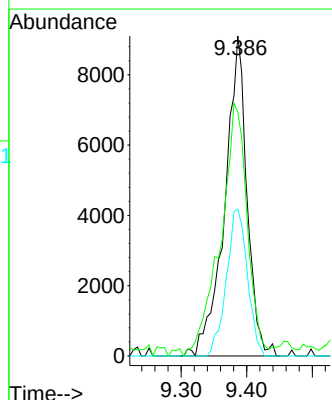
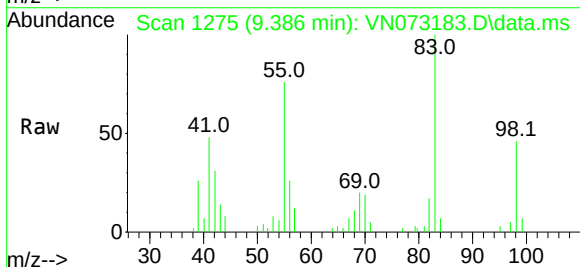
Tgt Ion: 83 Resp: 21514

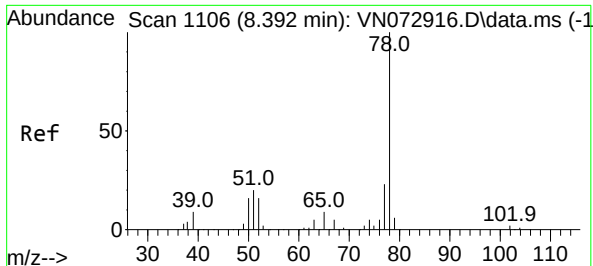
Ion Ratio Lower Upper

83 100

55 73.9 57.8 86.8

98 45.9 39.4 59.2

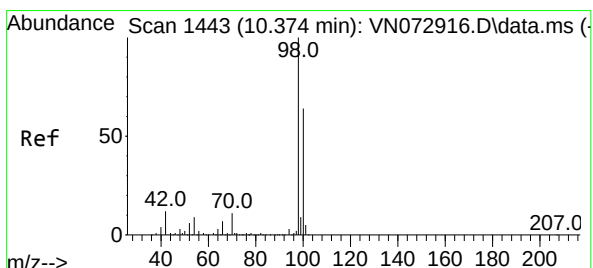
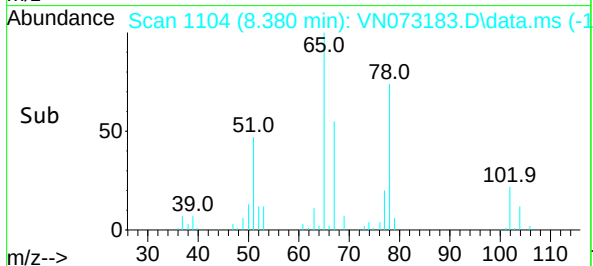
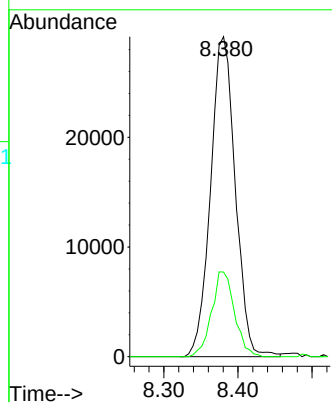
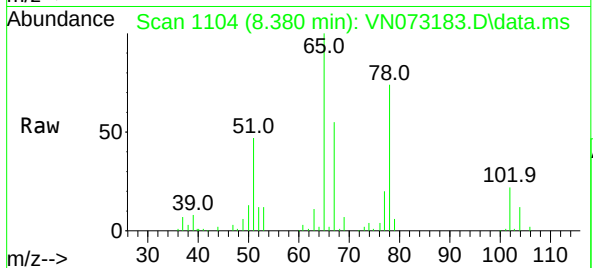




#40
Benzene
Concen: 4.847 ug/l
RT: 8.380 min Scan# 1106
Delta R.T. -0.012 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

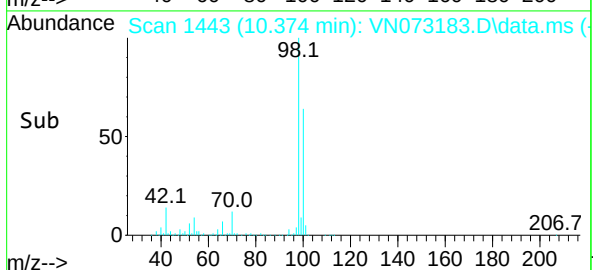
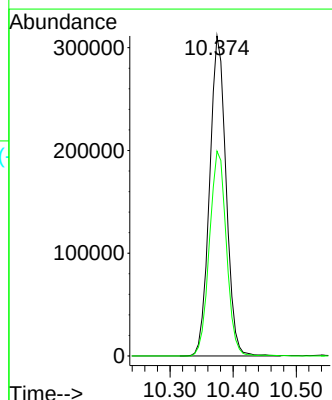
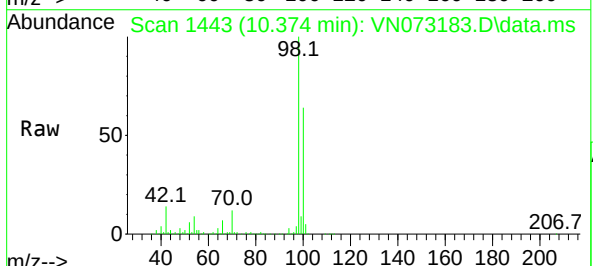
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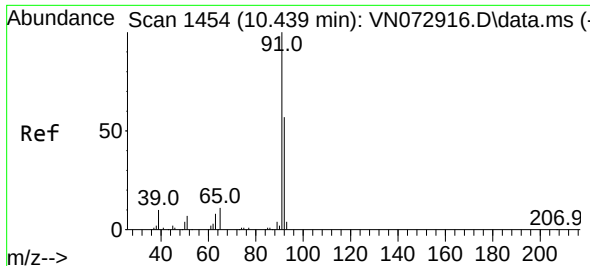
Tgt Ion: 78 Resp: 67591
Ion Ratio Lower Upper
78 100
77 26.5 19.4 29.0



#50
Toluene-d8
Concen: 46.180 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

Tgt Ion: 98 Resp: 563471
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8

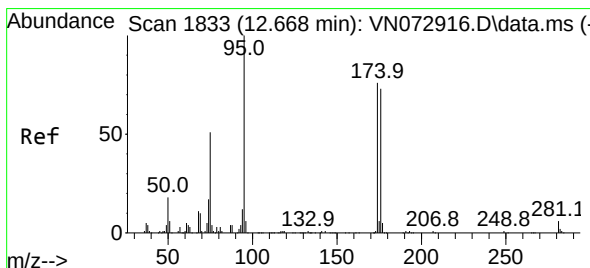
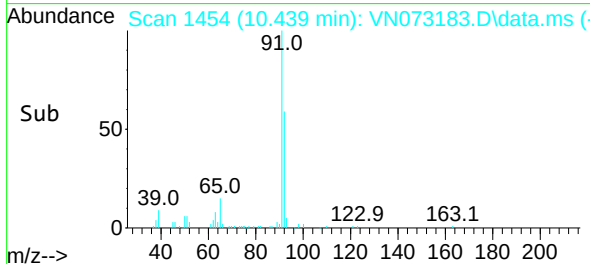
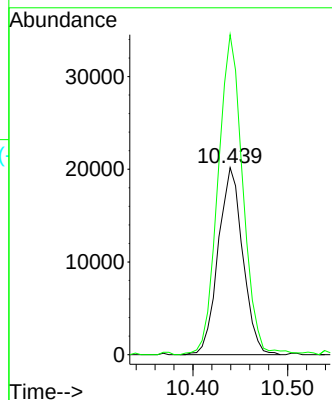
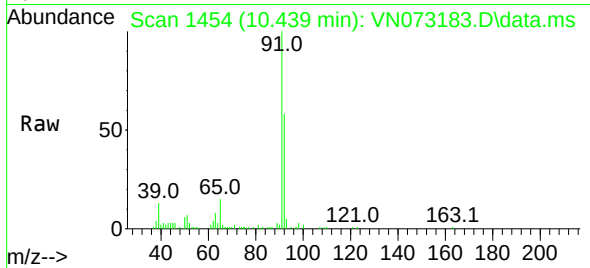




#52
Toluene
Concen: 4.251 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

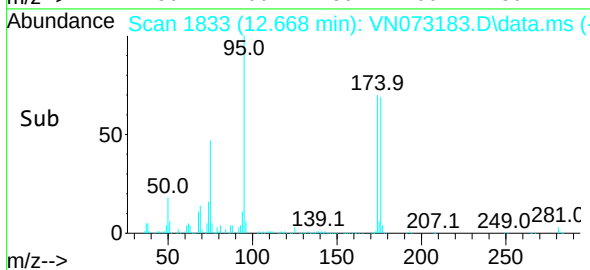
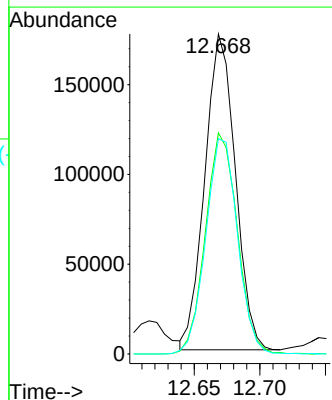
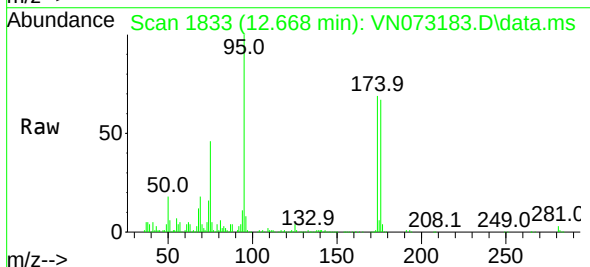
Instrument :
MSVOA_N
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SP-EXC-2-3-GR

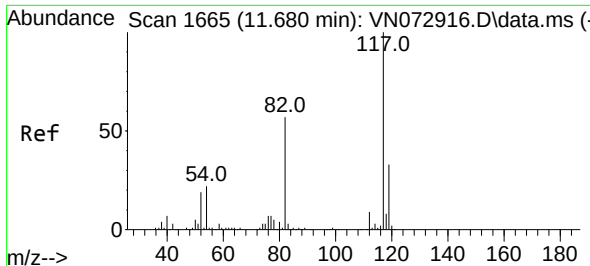
Tgt Ion: 92 Resp: 36397
Ion Ratio Lower Upper
92 100
91 172.7 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 64.873 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

Tgt Ion: 95 Resp: 284635
Ion Ratio Lower Upper
95 100
174 73.4 0.0 167.6
176 71.1 0.0 163.4

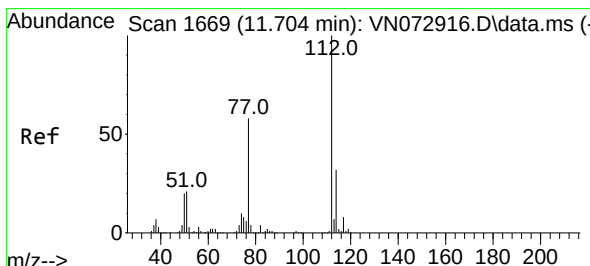
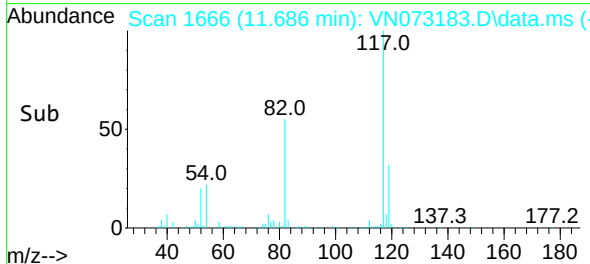
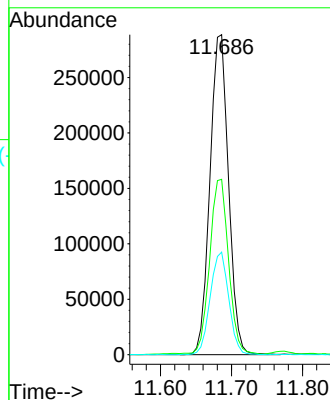
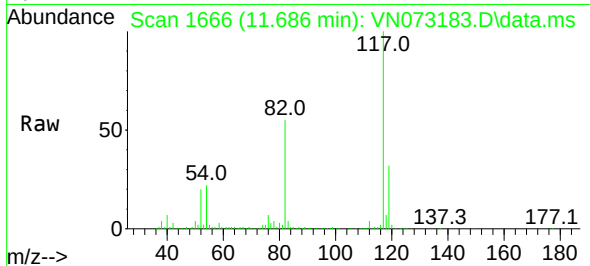




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

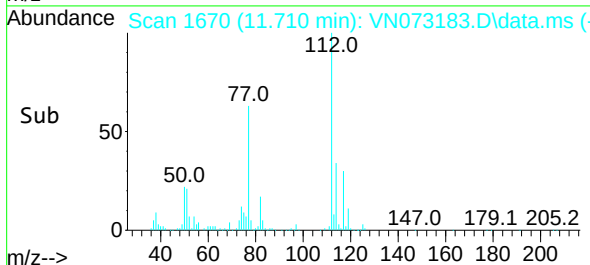
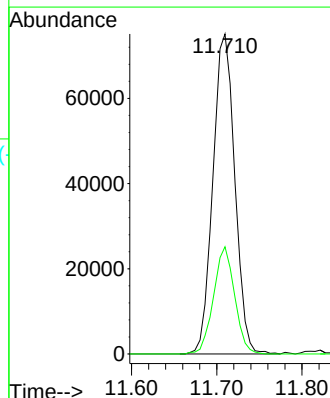
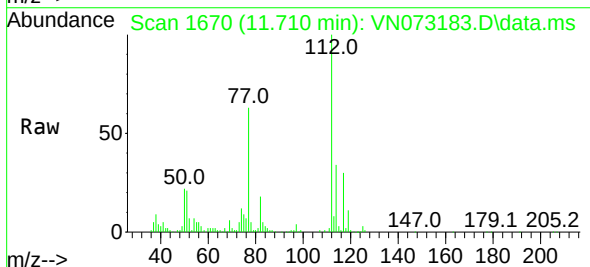
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3-GR

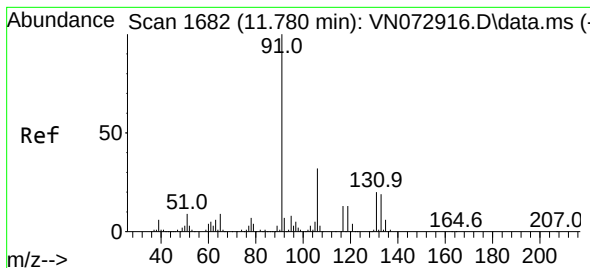
Tgt Ion:117 Resp: 522984
Ion Ratio Lower Upper
117 100
82 54.4 44.2 66.2
119 32.0 25.4 38.0



#65
Chlorobenzene
Concen: 13.115 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.006 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

Tgt Ion:112 Resp: 133956
Ion Ratio Lower Upper
112 100
114 33.5 25.4 38.2

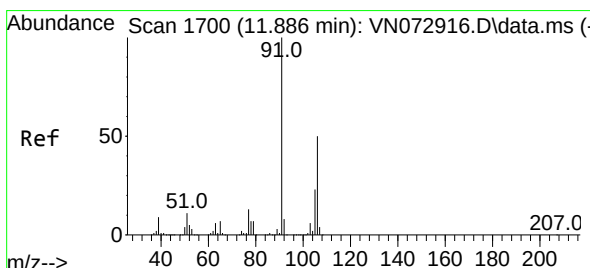
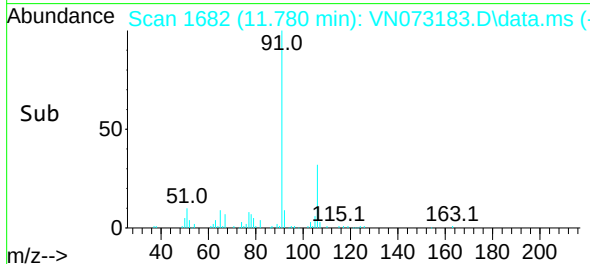
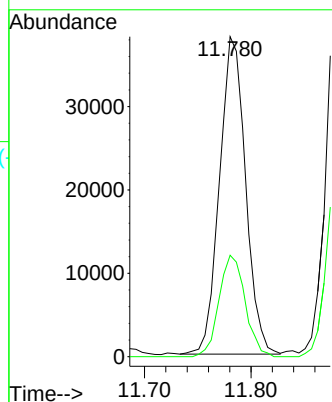
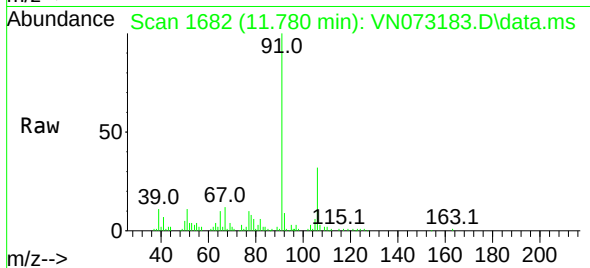




#67
Ethyl Benzene
Concen: 3.596 ug/l
RT: 11.780 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

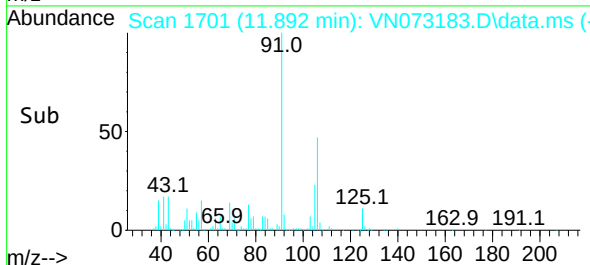
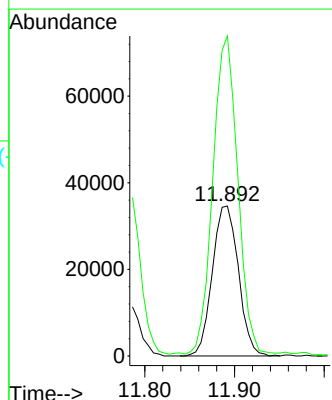
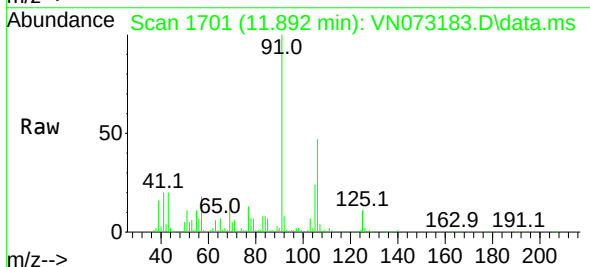
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3-GR

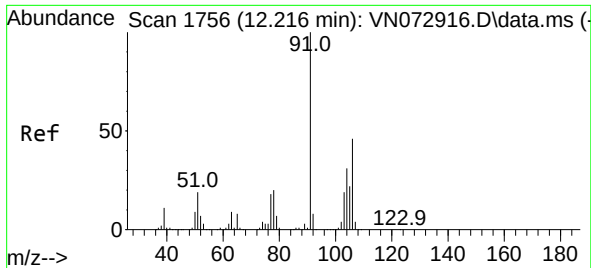
Tgt Ion: 91 Resp: 64656
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3



#68
m/p-Xylenes
Concen: 9.904 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

Tgt Ion: 106 Resp: 69844
Ion Ratio Lower Upper
106 100
91 202.3 158.9 238.3

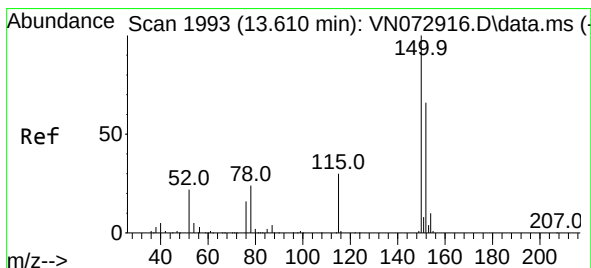
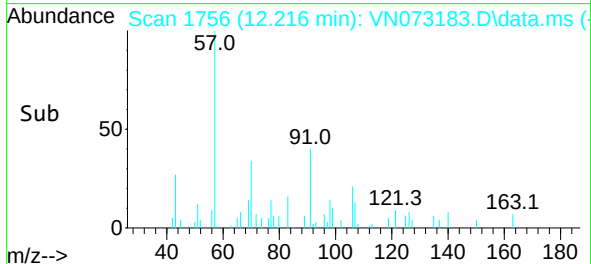
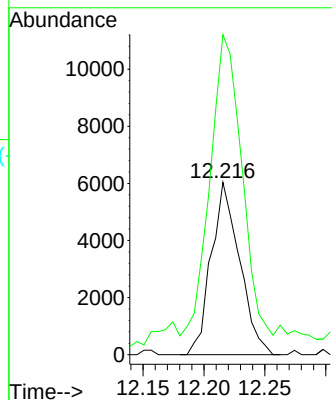
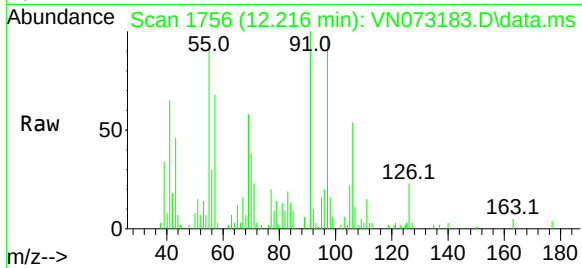




#69
o-Xylene
Concen: 1.392 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

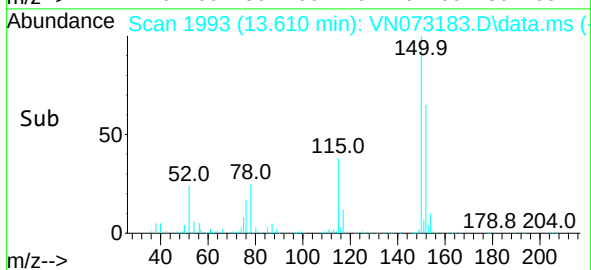
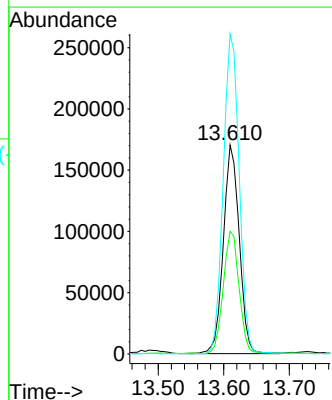
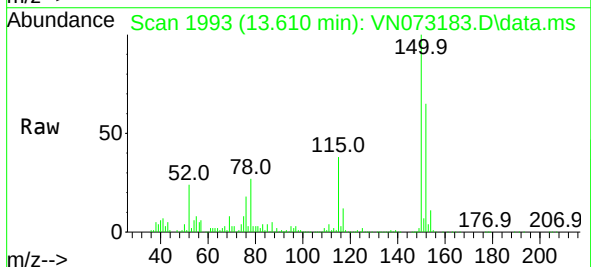
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3-GR

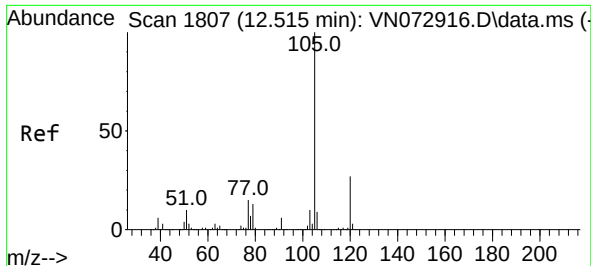
Tgt Ion:106 Resp: 9809
Ion Ratio Lower Upper
106 100
91 194.0 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

Tgt Ion:152 Resp: 286245
Ion Ratio Lower Upper
152 100
115 57.9 28.9 86.7
150 154.0 0.0 356.2

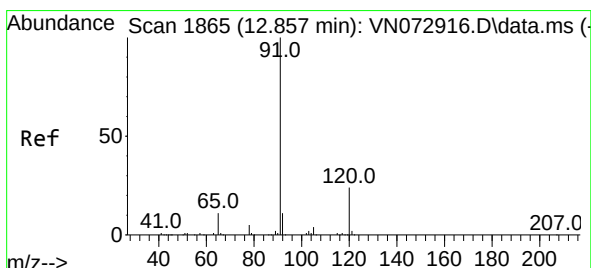
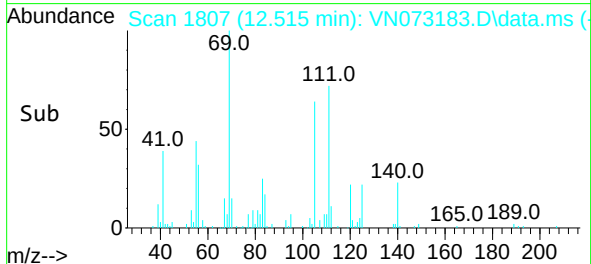
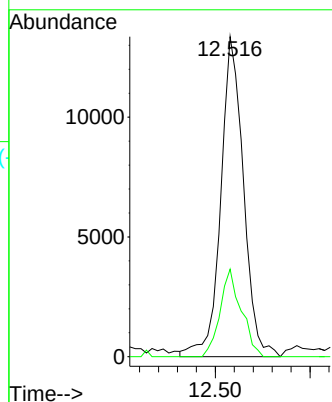
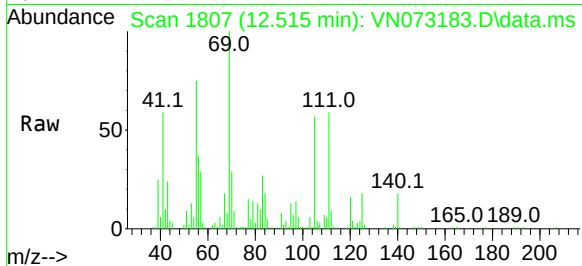




#73
Isopropylbenzene
Concen: 1.006 ug/l
RT: 12.515 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

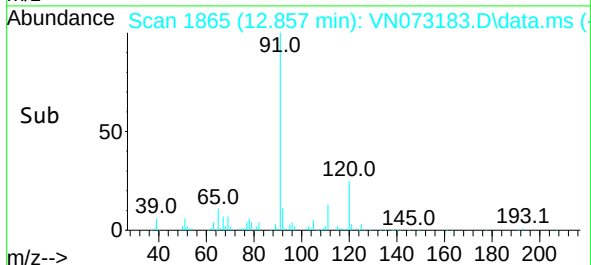
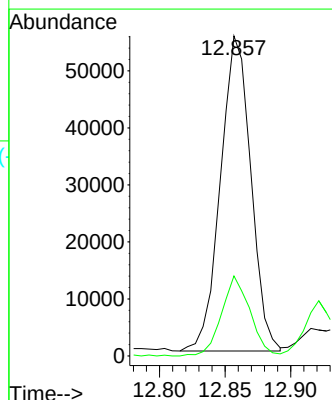
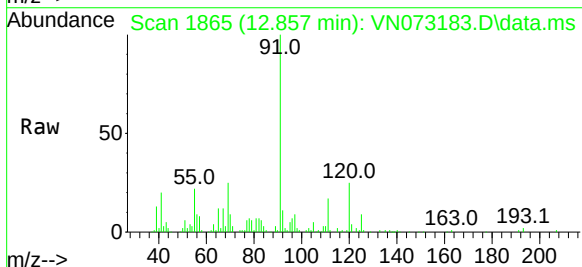
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3-GR

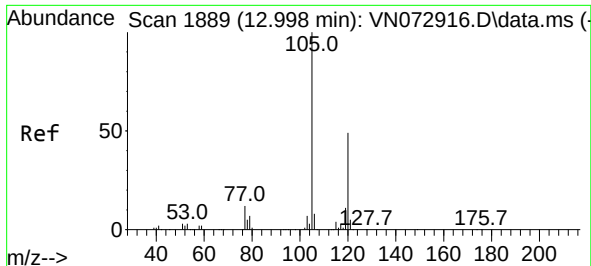
Tgt Ion:105 Resp: 22281
Ion Ratio Lower Upper
105 100
120 25.4 13.5 40.4



#78
n-propylbenzene
Concen: 3.663 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

Tgt Ion: 91 Resp: 89232
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5

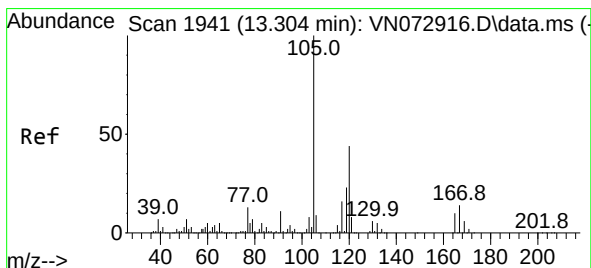
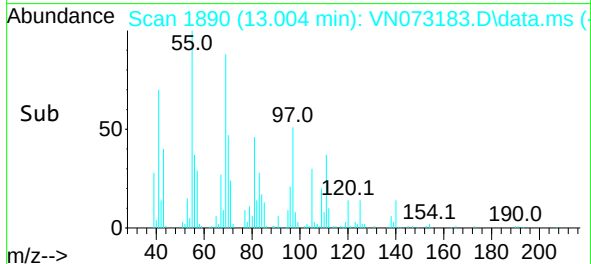
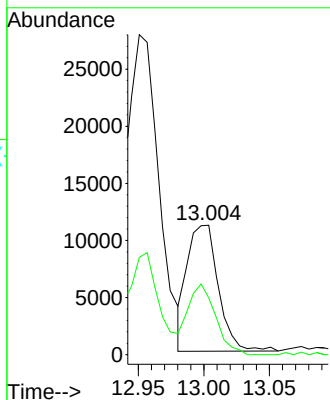
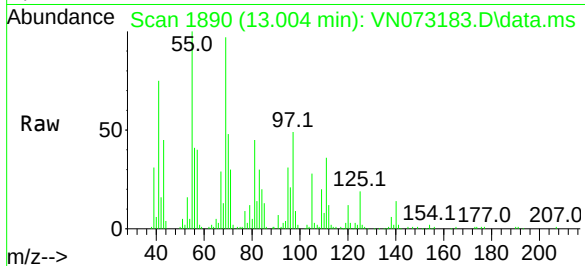




#80
1,3,5-Trimethylbenzene
Concen: 1.004 ug/l
RT: 13.004 min Scan# 1889
Delta R.T. 0.006 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

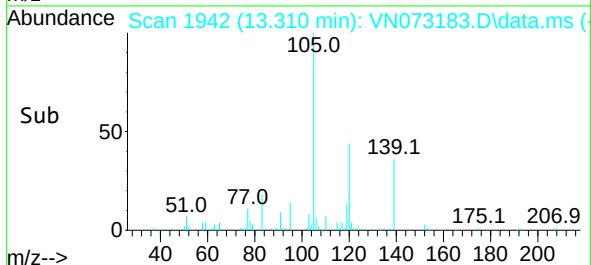
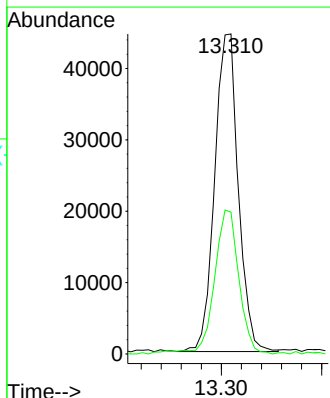
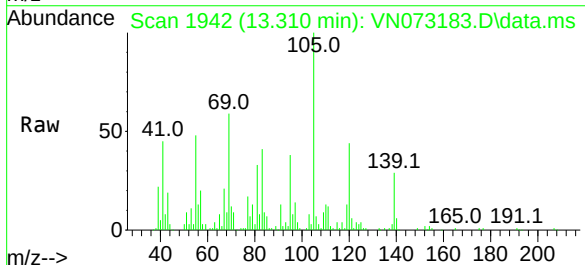
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3-GR

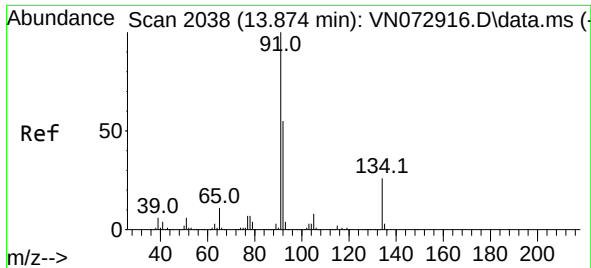
Tgt Ion:105 Resp: 18262
Ion Ratio Lower Upper
105 100
120 49.5 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 4.007 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VN073183.D
Acq: 28 Jun 2022 00:59

Tgt Ion:105 Resp: 72589
Ion Ratio Lower Upper
105 100
120 47.3 23.3 69.8





#89

n-Butylbenzene

Concen: 2.044 ug/l

RT: 13.880 min Scan# 20

Delta R.T. 0.006 min

Lab File: VN073183.D

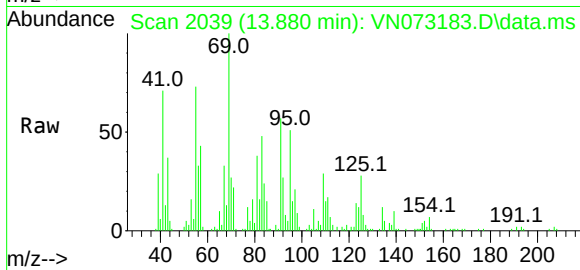
Acq: 28 Jun 2022 00:59

Instrument :

MSVOA_N

ClientSampleId :

SP-EXC-2-3-GR



Tgt Ion: 91 Resp: 30025

Ion Ratio Lower Upper

91 100

92 43.7 26.9 80.7

134 0.0 13.6 40.8#

