

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081222\
 Data File : VN073863.D
 Acq On : 12 Aug 2022 19:55
 Operator : JC\MD
 Sample : N4156-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31476

Quant Time: Aug 13 05:05:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

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

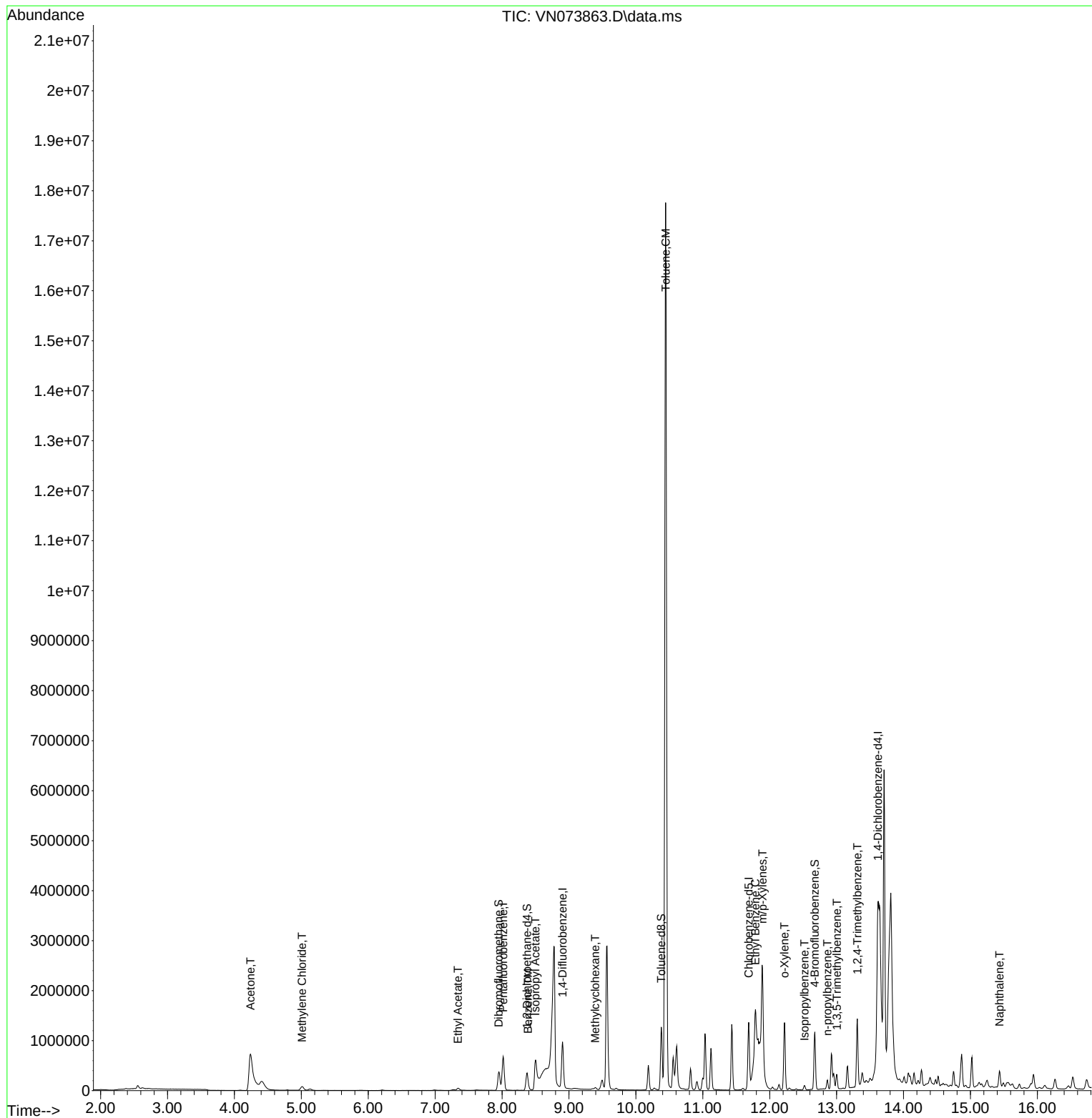
Internal Standards						
1) Pentafluorobenzene	8.016	168	551536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	842181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	790500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	455409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	276612	41.154	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	82.300%		
35) Dibromofluoromethane	7.951	113	272171	51.466	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.940%		
50) Toluene-d8	10.380	98	903039	43.394	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	86.780%		
62) 4-Bromofluorobenzene	12.674	95	377026	51.521	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.040%		
Target Compounds					Qvalue	
16) Acetone	4.240	43	2106062	583.380	ug/l	99
20) Methylene Chloride	5.010	84	67985	9.872	ug/l	92
37) Ethyl Acetate	7.339	43	63080	6.355	ug/l #	93
39) Methylcyclohexane	9.392	83	15084	1.675	ug/l	98
40) Benzene	8.386	78	38757	1.584	ug/l	95
43) Isopropyl Acetate	8.498	43	713421	53.212	ug/l #	72
52) Toluene	10.445	92	8138437	544.380	ug/l	97
67) Ethyl Benzene	11.786	91	542056	19.136	ug/l	100
68) m/p-Xylenes	11.892	106	608385	56.311	ug/l	99
69) o-Xylene	12.221	106	372425	35.358	ug/l	98
73) Isopropylbenzene	12.521	105	58013	1.740	ug/l	97
78) n-propylbenzene	12.863	91	142657	3.803	ug/l	98
80) 1,3,5-Trimethylbenzene	13.004	105	156289	5.697	ug/l	97
84) 1,2,4-Trimethylbenzene	13.310	105	766280	28.406	ug/l	100
95) Naphthalene	15.433	128	313776	12.126	ug/l	99

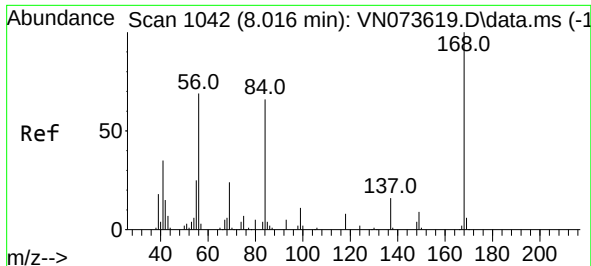
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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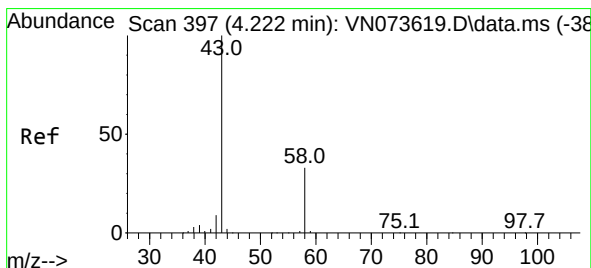
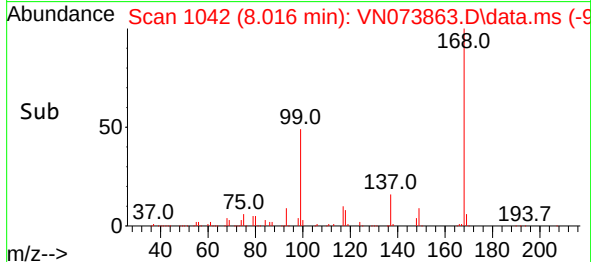
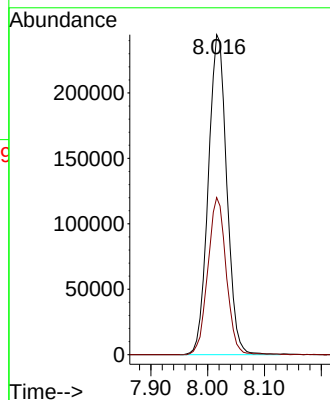
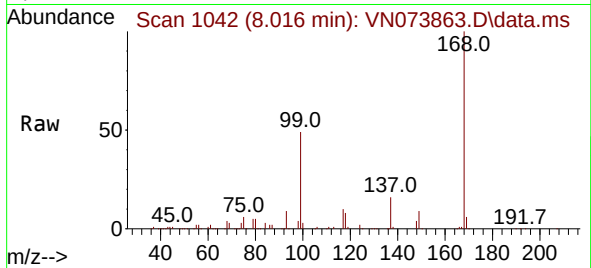




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

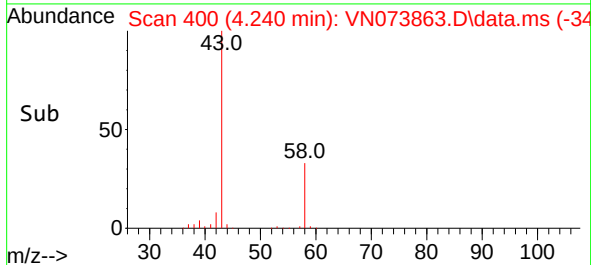
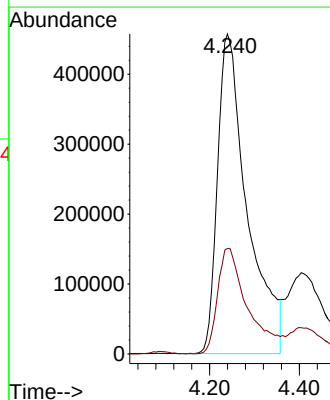
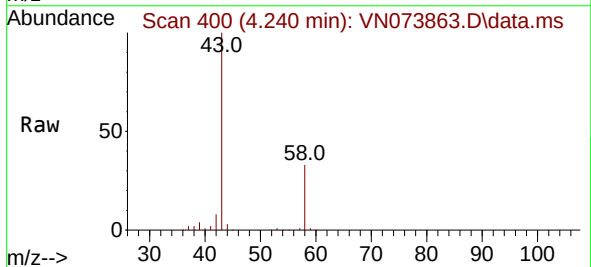
Instrument :
MSVOA_N
ClientSampleId :
31476

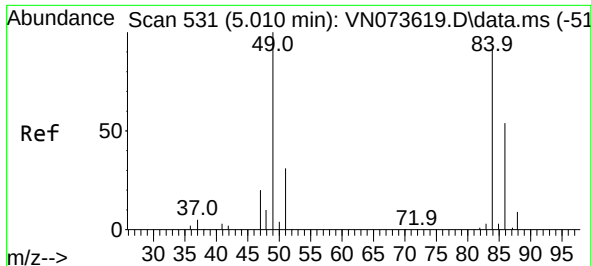
Tgt Ion:168 Resp: 551536
Ion Ratio Lower Upper
168 100
99 49.1 42.3 63.5



#16
Acetone
Concen: 583.380 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.018 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

Tgt Ion: 43 Resp: 2106062
Ion Ratio Lower Upper
43 100
58 32.9 26.0 39.0

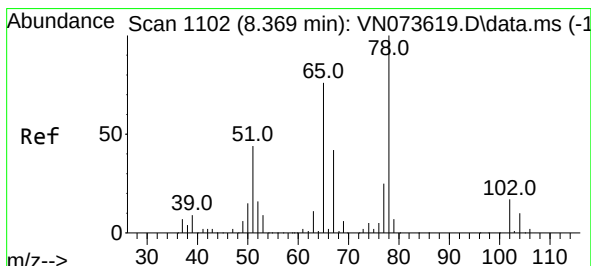
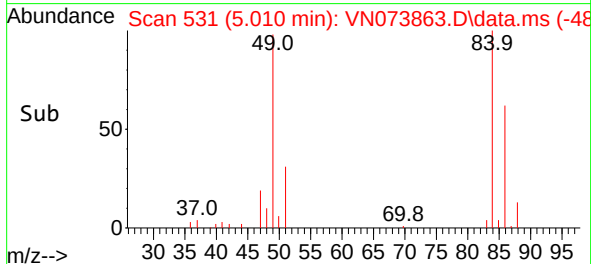
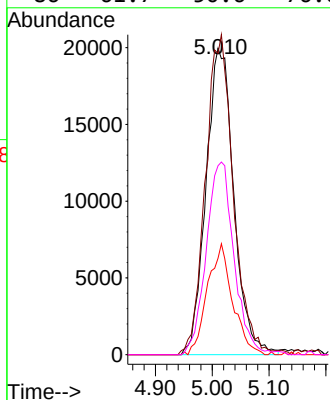
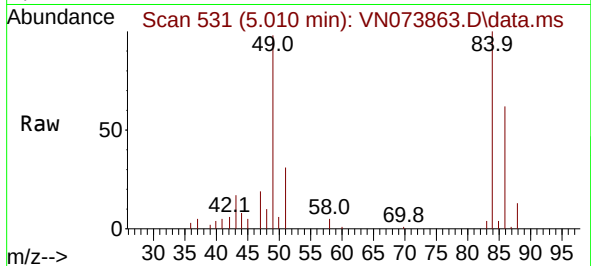




#20
Methylene Chloride
Concen: 9.872 ug/l
RT: 5.010 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

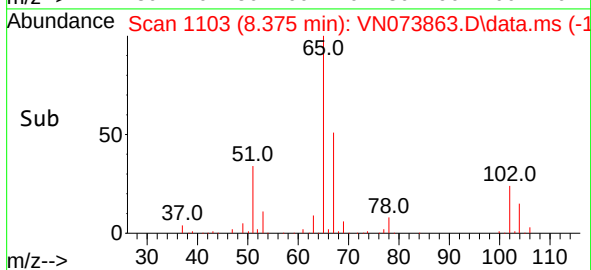
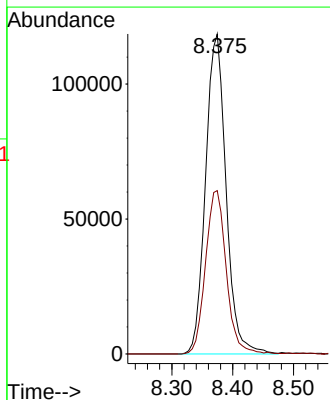
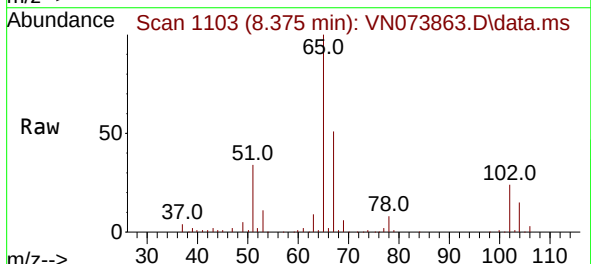
Instrument :
MSVOA_N
ClientSampleId :
31476

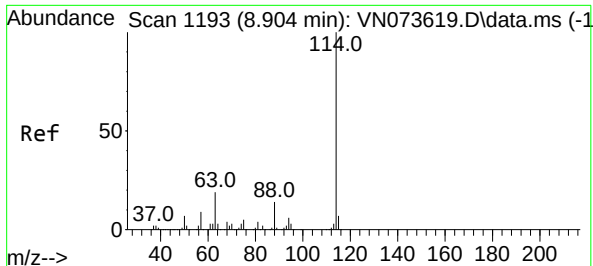
Tgt Ion:	84	Resp:	67985
Ion	Ratio	Lower	Upper
84	100		
49	98.3	88.3	132.5
51	31.5	28.2	42.2
86	61.7	50.6	76.0



#33
1,2-Dichloroethane-d4
Concen: 41.154 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

Tgt Ion:	65	Resp:	276612
Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN073863.D

Acq: 12 Aug 2022 19:55

Instrument :

MSVOA_N

ClientSampleId :

31476

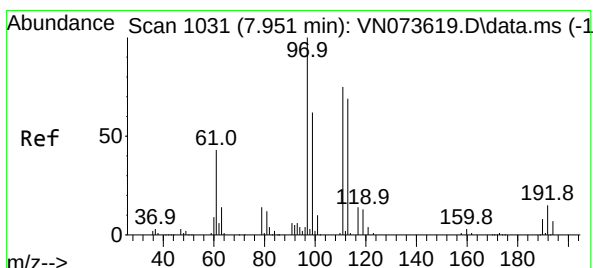
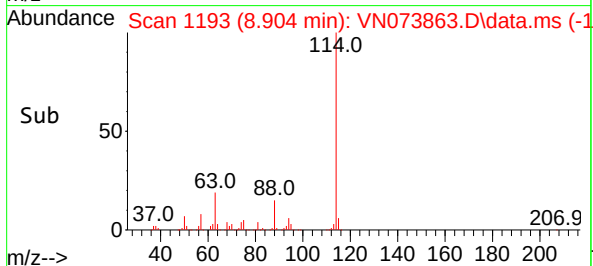
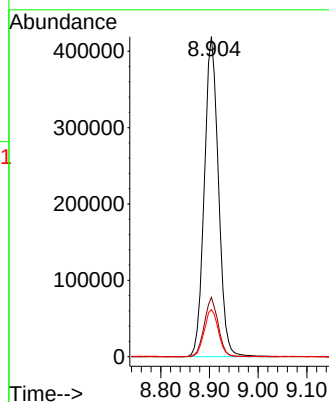
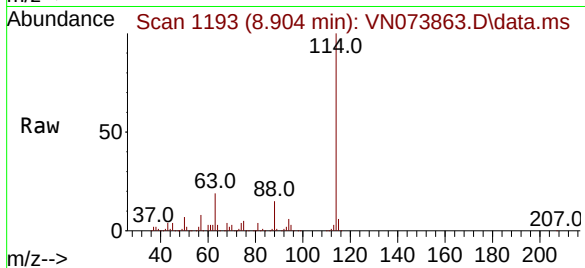
Tgt Ion:114 Resp: 842181

Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.0

88 14.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.466 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN073863.D

Acq: 12 Aug 2022 19:55

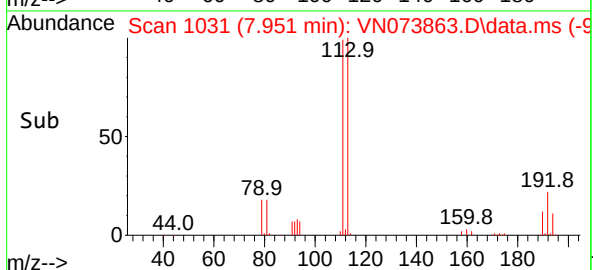
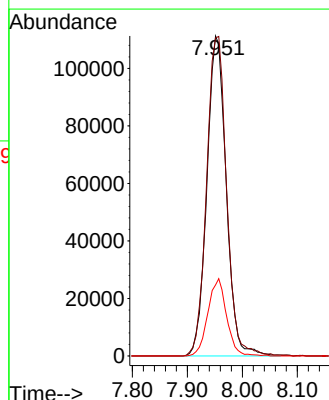
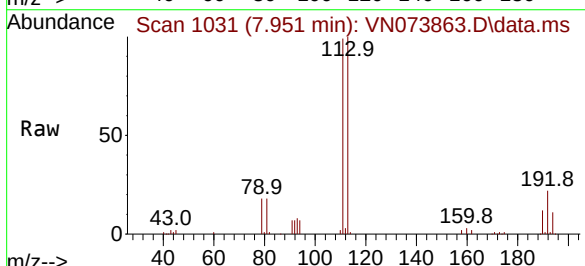
Tgt Ion:113 Resp: 272171

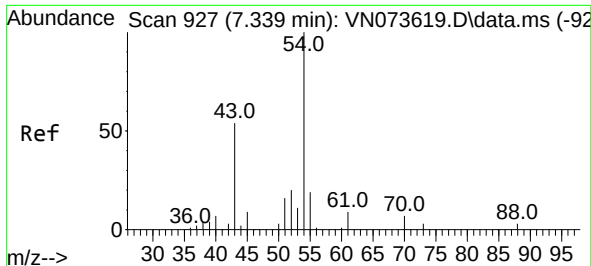
Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

192 23.4 17.0 25.6

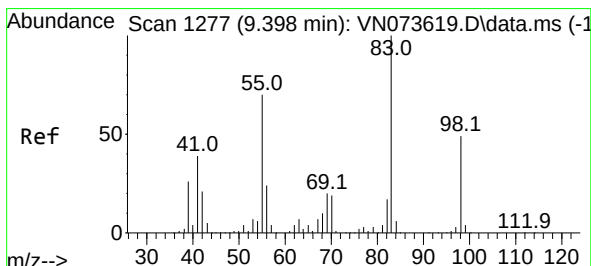
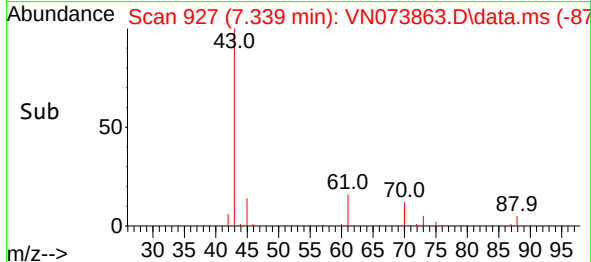
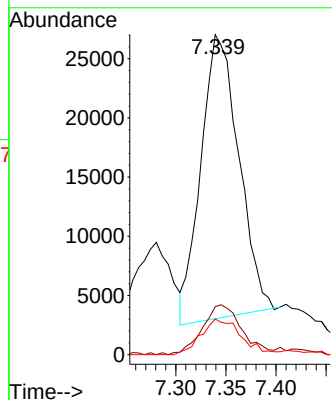
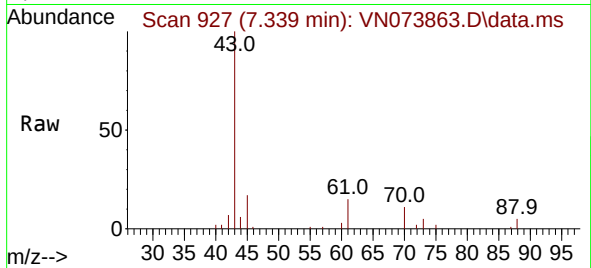




#37
Ethyl Acetate
Concen: 6.355 ug/l
RT: 7.339 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

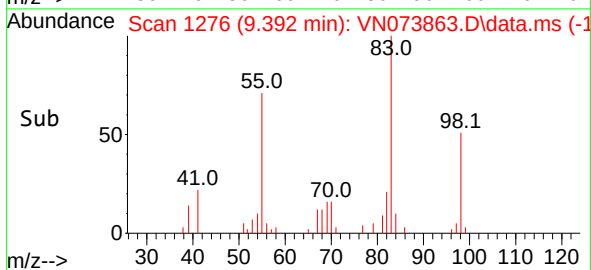
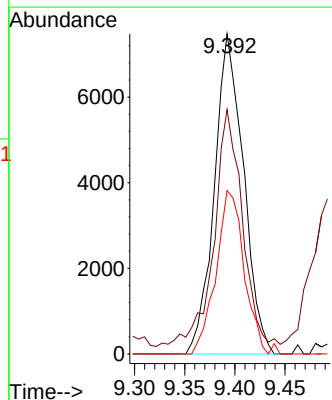
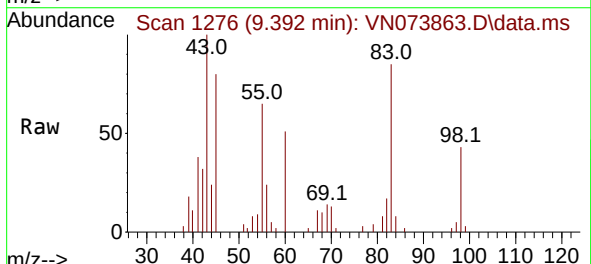
Instrument :
MSVOA_N
ClientSampleId :
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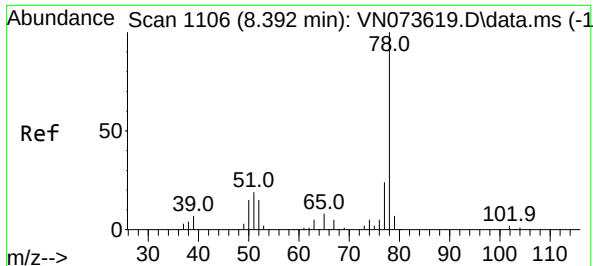
Tgt Ion: 43 Resp: 63080
Ion Ratio Lower Upper
43 100
61 18.4 11.8 17.6#
70 13.2 9.3 13.9



#39
Methylcyclohexane
Concen: 1.675 ug/l
RT: 9.392 min Scan# 1276
Delta R.T. -0.006 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

Tgt Ion: 83 Resp: 15084
Ion Ratio Lower Upper
83 100
55 73.3 57.8 86.8
98 51.0 39.4 59.2

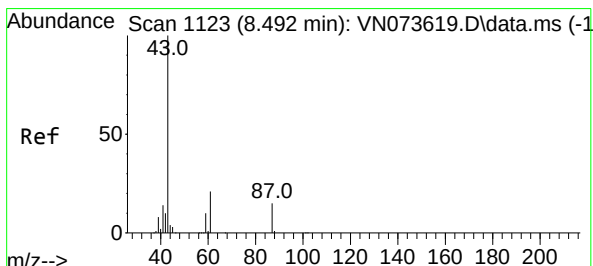
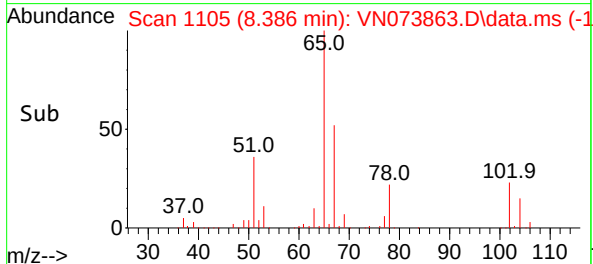
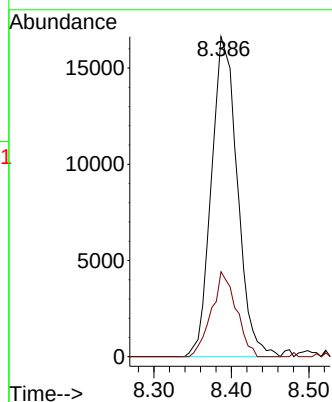
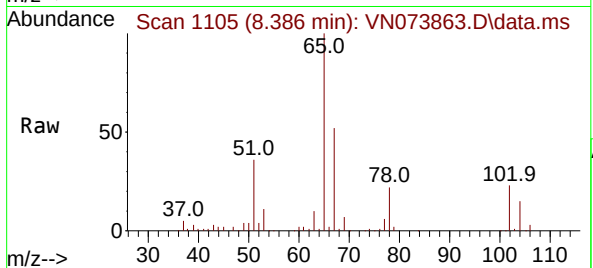




#40
Benzene
Concen: 1.584 ug/l
RT: 8.386 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

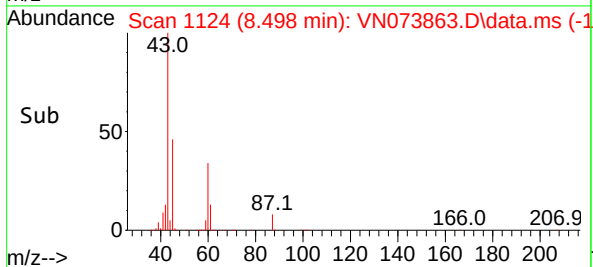
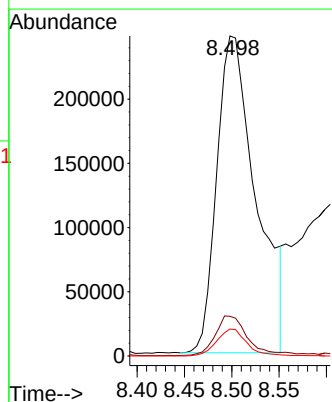
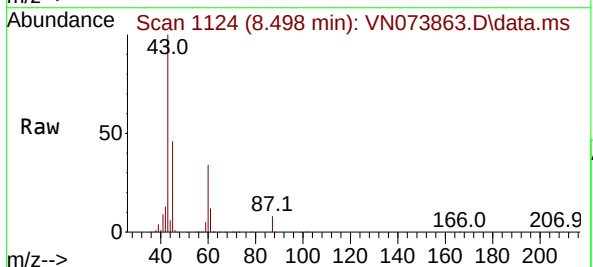
Instrument :
MSVOA_N
ClientSampleId :
31476

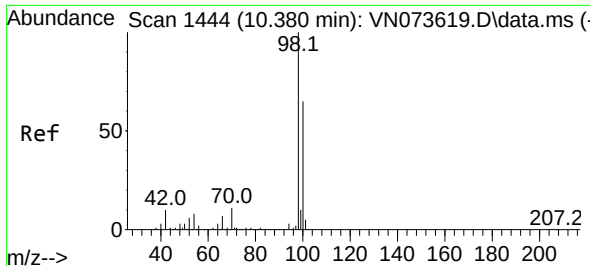
Tgt Ion: 78 Resp: 38757
Ion Ratio Lower Upper
78 100
77 26.6 19.4 29.0



#43
Isopropyl Acetate
Concen: 53.212 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

Tgt Ion: 43 Resp: 713421
Ion Ratio Lower Upper
43 100
61 10.5 21.9 32.9#
87 6.5 12.0 18.0#

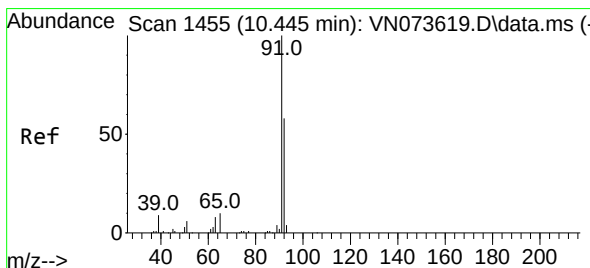
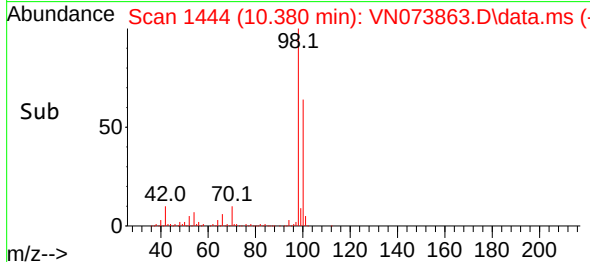
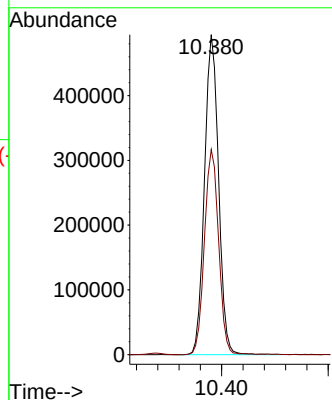
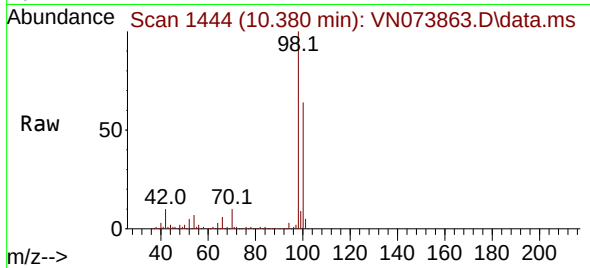




#50
Toluene-d8
Concen: 43.394 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

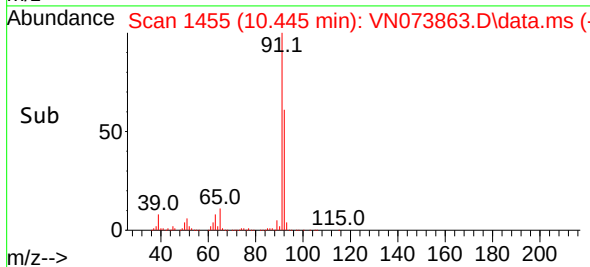
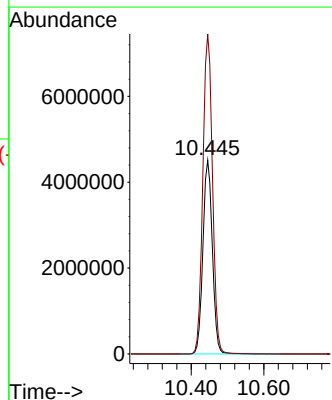
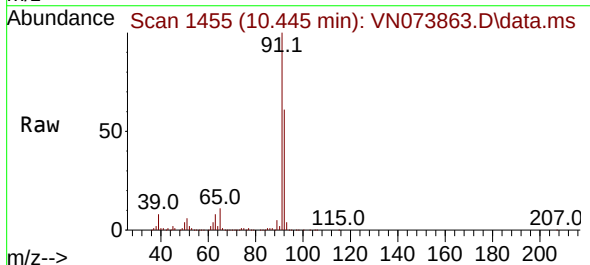
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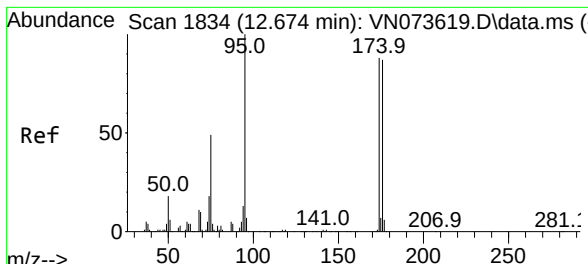
Tgt Ion: 98 Resp: 903039
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#52
Toluene
Concen: 544.380 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

Tgt Ion: 92 Resp: 8138437
Ion Ratio Lower Upper
92 100
91 168.9 138.6 207.8

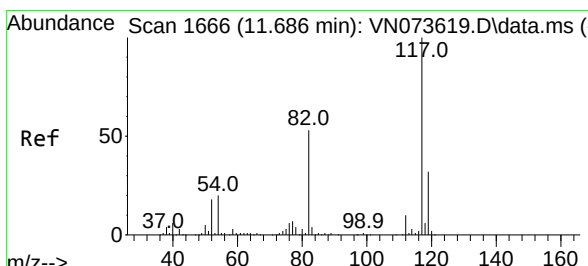
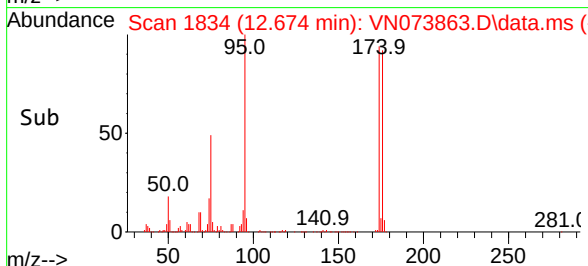
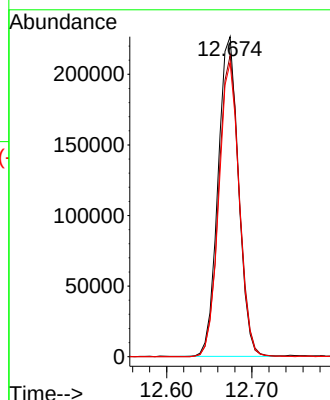
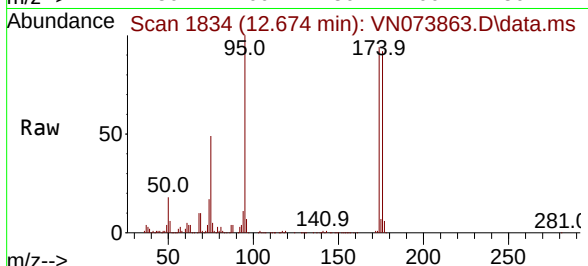




#62
4-Bromofluorobenzene
Concen: 51.521 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

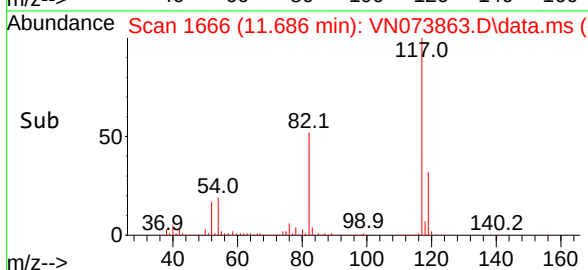
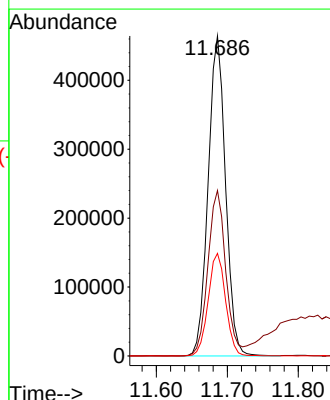
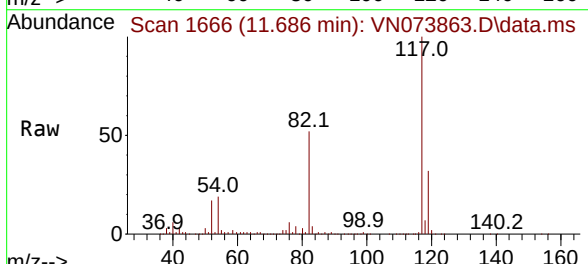
Instrument :
MSVOA_N
ClientSampleId :
31476

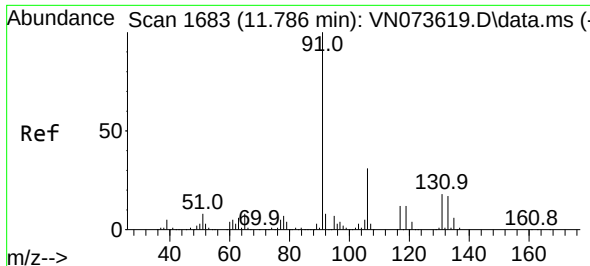
Tgt Ion: 95 Resp: 377026
Ion Ratio Lower Upper
95 100
174 94.9 0.0 167.6
176 91.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

Tgt Ion: 117 Resp: 790500
Ion Ratio Lower Upper
117 100
82 51.6 44.2 66.2
119 32.1 25.4 38.0

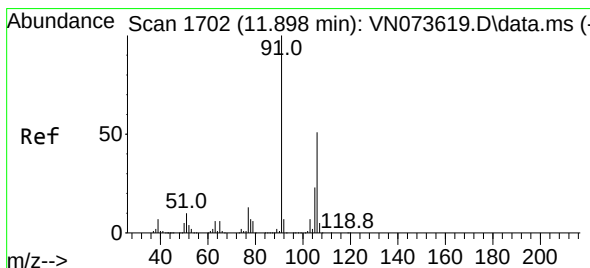
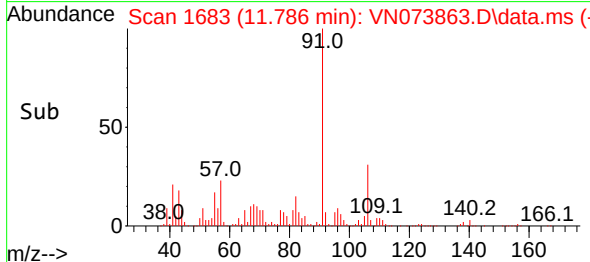
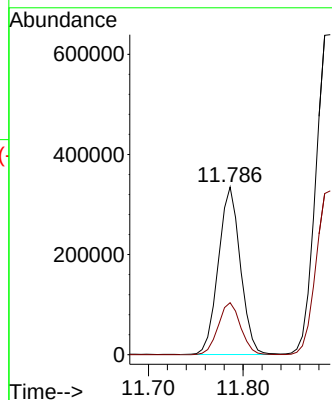
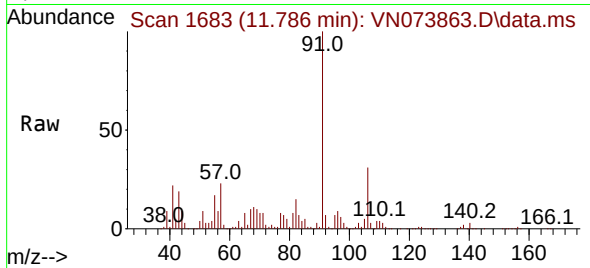




#67
Ethyl Benzene
Concen: 19.136 ug/l
RT: 11.786 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

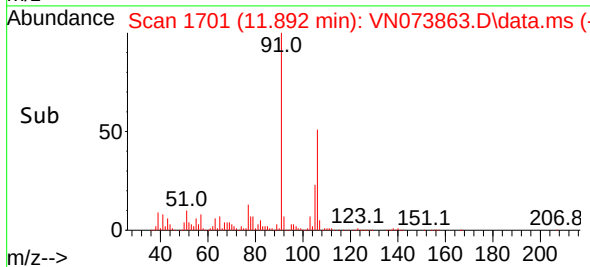
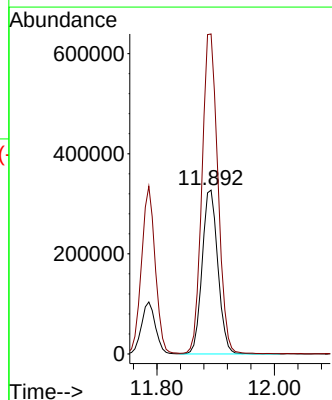
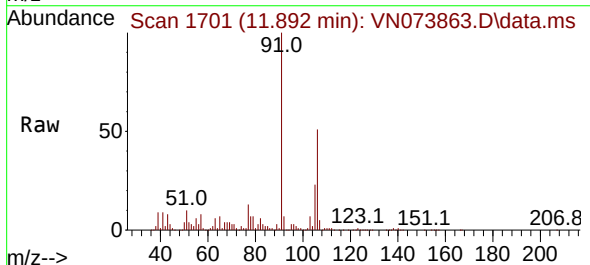
Instrument :
MSVOA_N
ClientSampleId :
31476

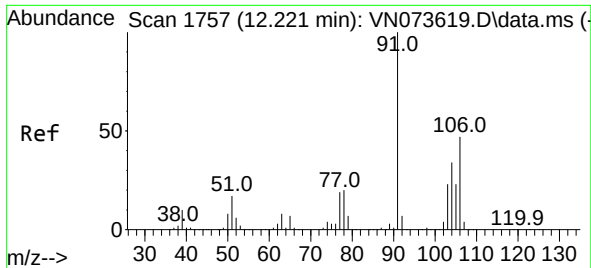
Tgt Ion: 91 Resp: 542056
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3



#68
m/p-Xylenes
Concen: 56.311 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

Tgt Ion:106 Resp: 608385
Ion Ratio Lower Upper
106 100
91 197.4 158.9 238.3

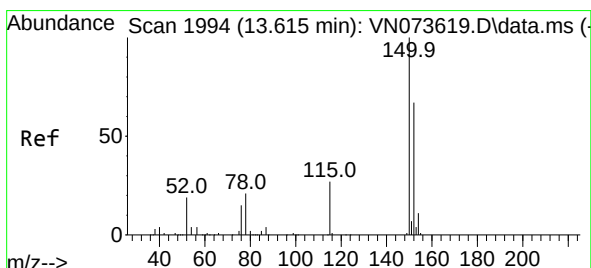
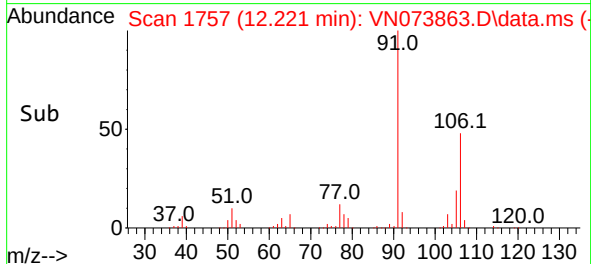
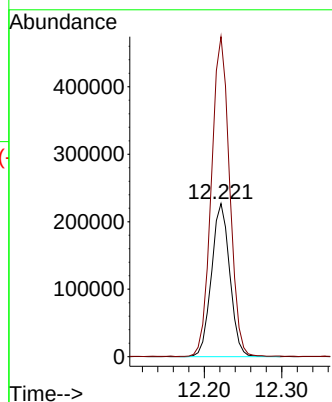
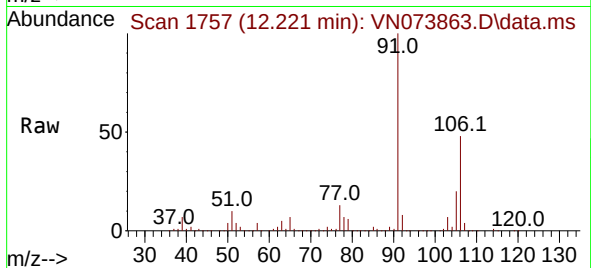




#69
o-Xylene
Concen: 35.358 ug/l
RT: 12.221 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

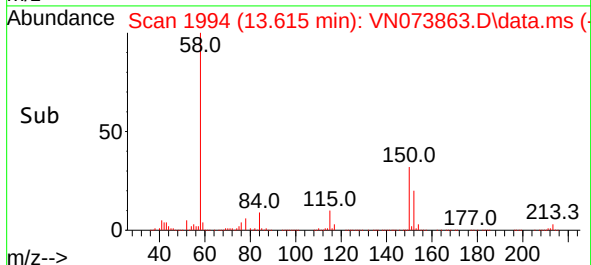
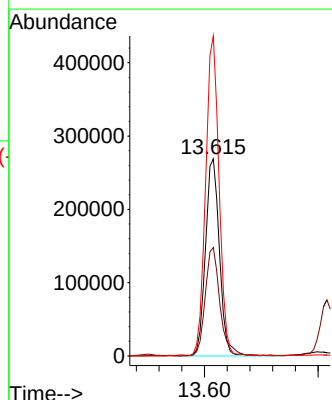
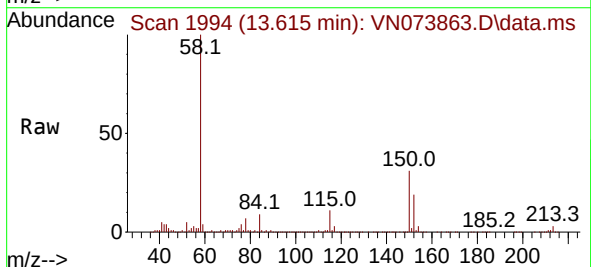
Instrument :
MSVOA_N
ClientSampleId :
31476

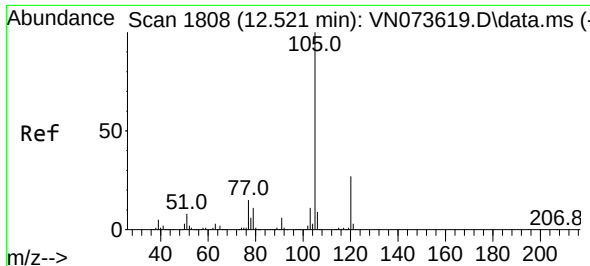
Tgt Ion:106 Resp: 372425
Ion Ratio Lower Upper
106 100
91 208.1 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

Tgt Ion:152 Resp: 455409
Ion Ratio Lower Upper
152 100
115 57.3 28.9 86.7
150 157.0 0.0 356.2

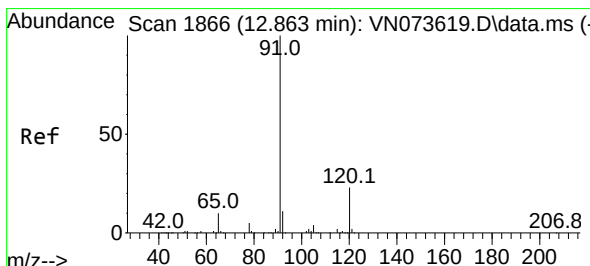
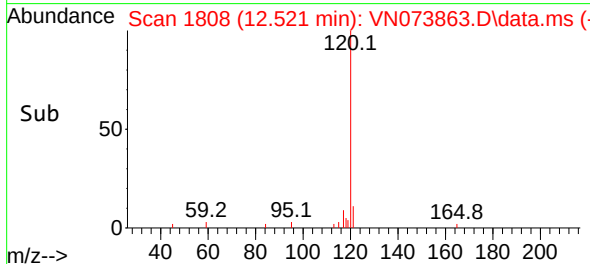
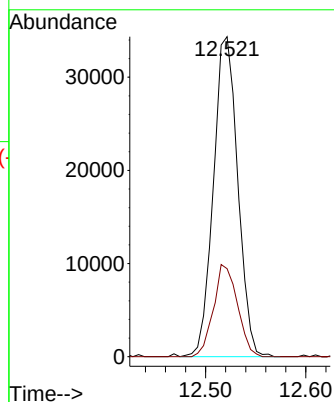
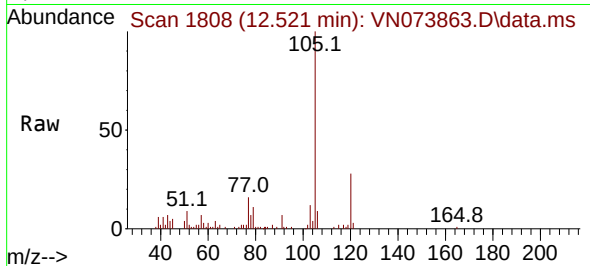




#73
Isopropylbenzene
Concen: 1.740 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

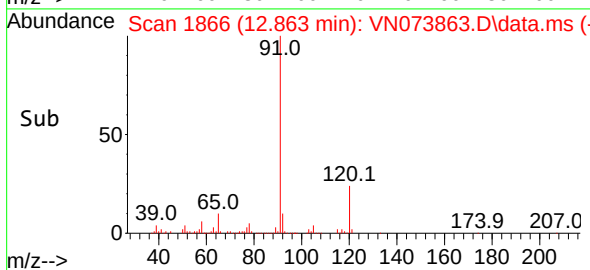
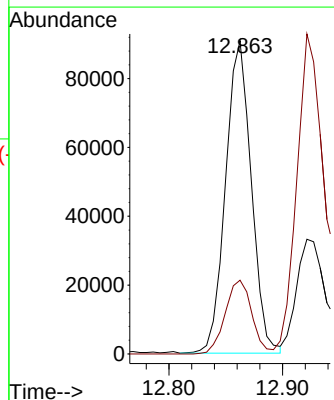
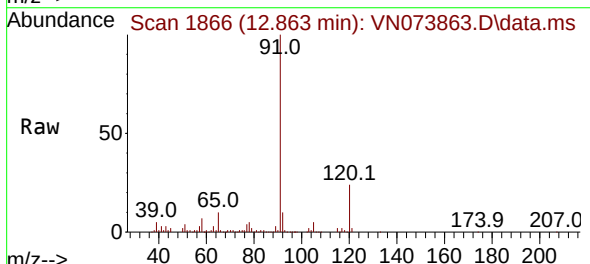
Instrument :
MSVOA_N
ClientSampleId :
31476

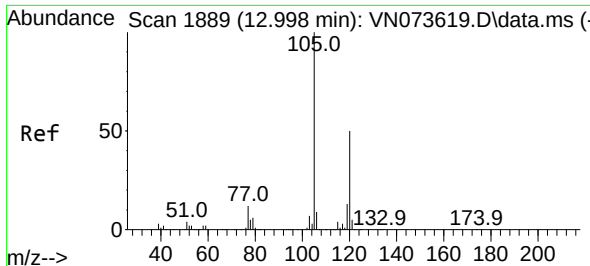
Tgt Ion:105 Resp: 58013
Ion Ratio Lower Upper
105 100
120 28.3 13.5 40.4



#78
n-propylbenzene
Concen: 3.803 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

Tgt Ion: 91 Resp: 142657
Ion Ratio Lower Upper
91 100
120 24.5 11.9 35.5

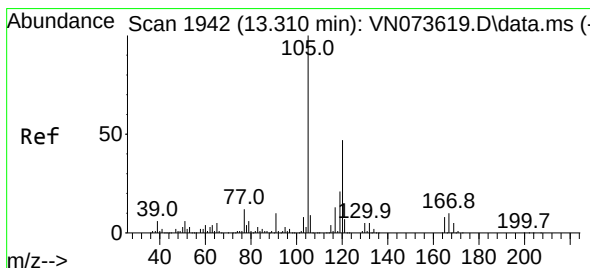
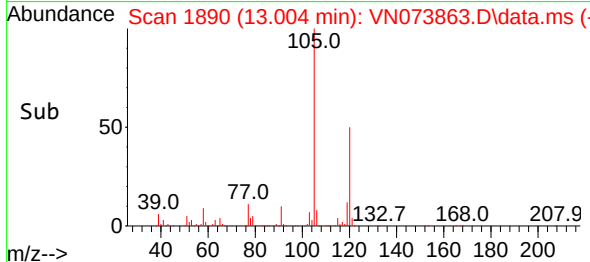
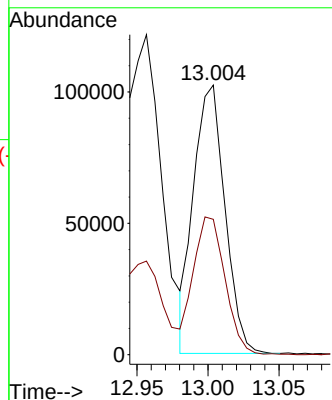
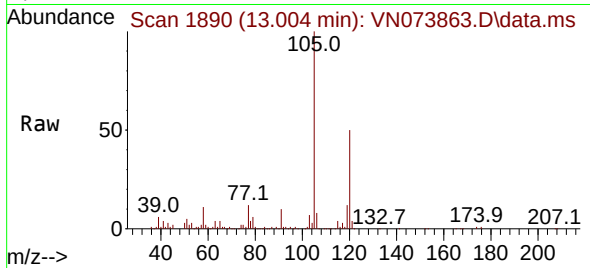




#80
1,3,5-Trimethylbenzene
Concen: 5.697 ug/l
RT: 13.004 min Scan# 1889
Delta R.T. 0.006 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

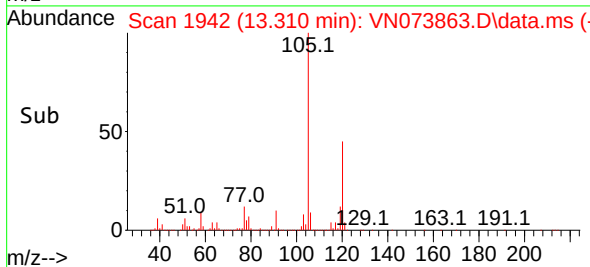
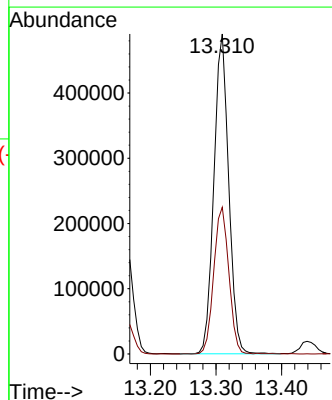
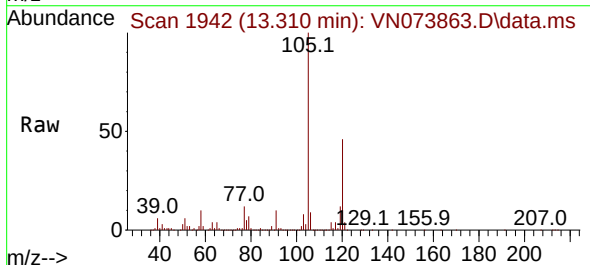
Instrument :
MSVOA_N
ClientSampleId :
31476

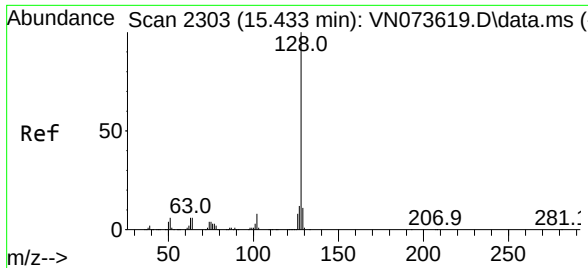
Tgt Ion:105 Resp: 156289
Ion Ratio Lower Upper
105 100
120 52.2 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 28.406 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

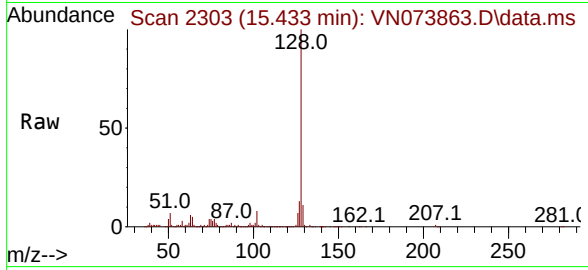
Tgt Ion:105 Resp: 766280
Ion Ratio Lower Upper
105 100
120 46.8 23.3 69.8





#95
Naphthalene
Concen: 12.126 ug/l
RT: 15.433 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN073863.D
Acq: 12 Aug 2022 19:55

Instrument :
MSVOA_N
ClientSampleId :
31476



Tgt Ion:128 Resp: 313776
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 11.0 8.6 13.0

