

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
 Data File : VN073134.D
 Acq On : 26 Jun 2022 02:54
 Operator : JC\MD
 Sample : N3494-16
 Misc : 5.66g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-EXC-1-6

Quant Time: Jun 27 03:53:53 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)

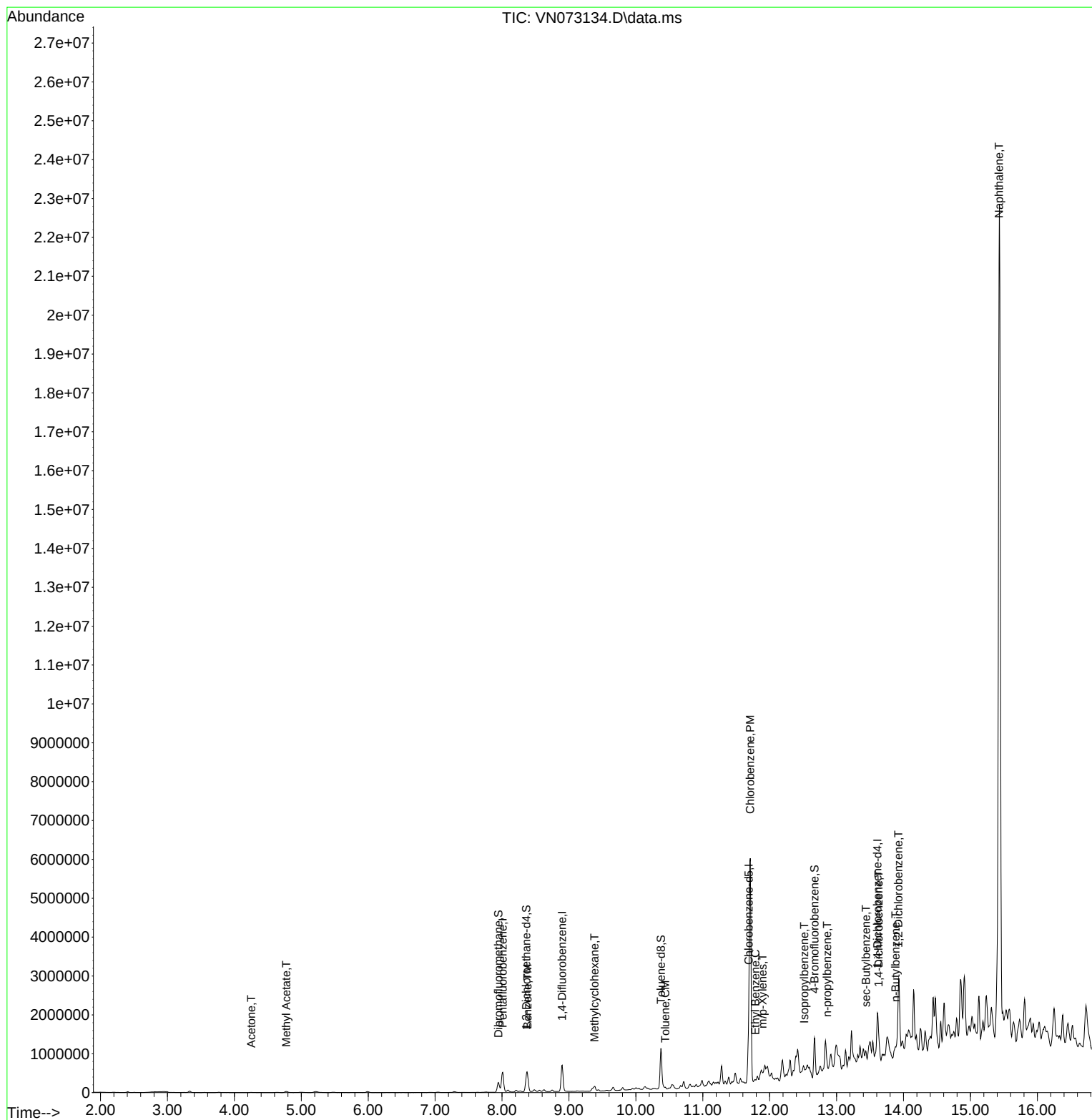
Internal Standards						
1) Pentafluorobenzene	8.010	168	391811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	616667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	584428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	327241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	219260	41.392	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	82.780%
35) Dibromofluoromethane	7.945	113	185278	48.609	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.220%
50) Toluene-d8	10.375	98	661195	46.619	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.240%
62) 4-Bromofluorobenzene	12.669	95	326759	64.071	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	128.140%#
Target Compounds						
					Qvalue	
16) Acetone	4.252	43	11261	3.867	ug/l #	70
18) Methyl Acetate	4.775	43	63294	8.163	ug/l	91
39) Methylcyclohexane	9.381	83	56981	9.166	ug/l	95
40) Benzene	8.381	78	353587	21.815	ug/l	98
52) Toluene	10.439	92	17890	1.798	ug/l	91
65) Chlorobenzene	11.710	112	3192040	279.671	ug/l	99
67) Ethyl Benzene	11.786	91	46533	2.316	ug/l	96
68) m/p-Xylenes	11.892	106	30956	3.928	ug/l	92
73) Isopropylbenzene	12.516	105	28636	1.131	ug/l	95
78) n-propylbenzene	12.857	91	96326	3.459	ug/l	92
85) sec-Butylbenzene	13.439	105	74028	2.914	ug/l	80
88) 1,4-Dichlorobenzene	13.627	146	128132	11.692	ug/l #	71
89) n-Butylbenzene	13.880	91	72479	4.315	ug/l #	74
91) 1,2-Dichlorobenzene	13.922	146	235079	20.818	ug/l #	74
95) Naphthalene	15.427	128	19095494	755.359	ug/l	96

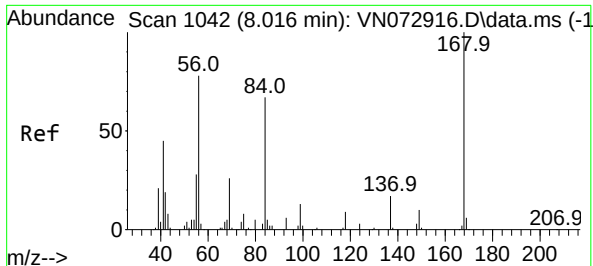
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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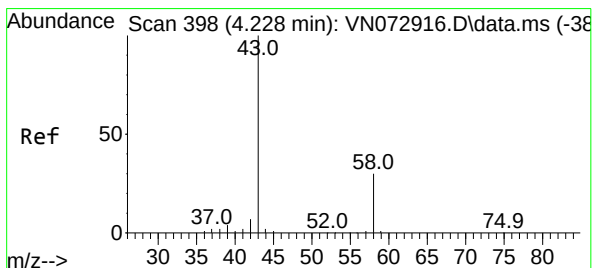
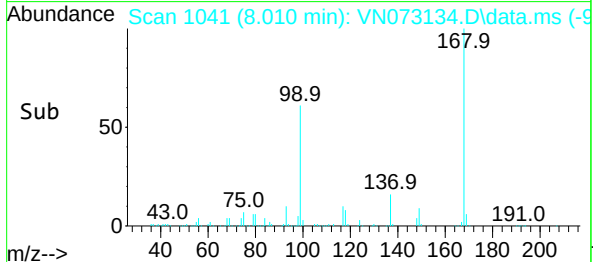
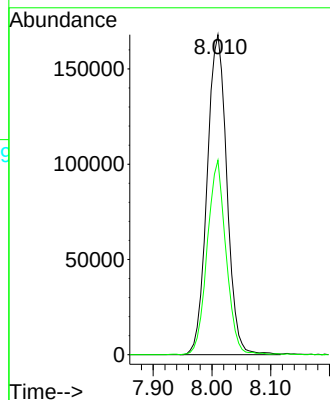
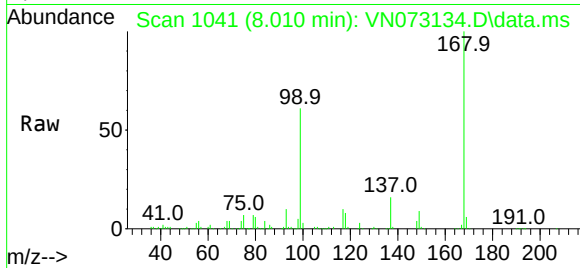




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN073134.D
Acq: 26 Jun 2022 02:54

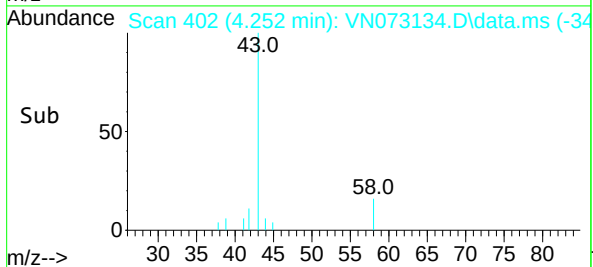
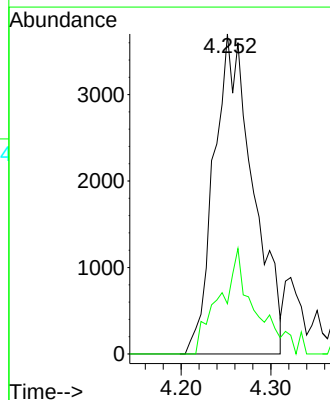
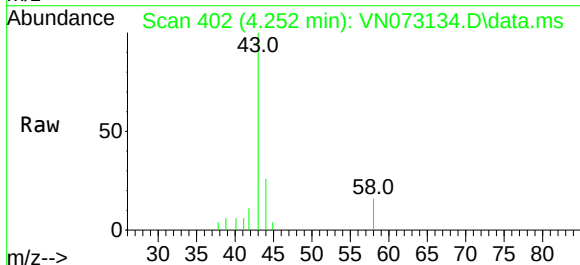
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-6

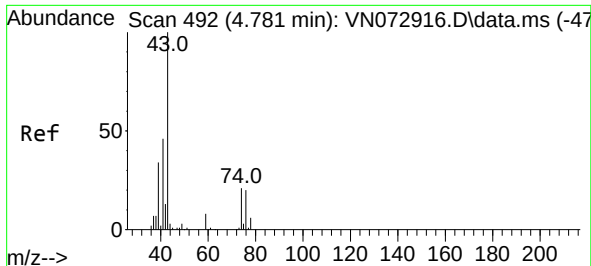
Tgt Ion:168 Resp: 391811
Ion Ratio Lower Upper
168 100
99 60.8 42.3 63.5



#16
Acetone
Concen: 3.867 ug/l
RT: 4.252 min Scan# 402
Delta R.T. 0.024 min
Lab File: VN073134.D
Acq: 26 Jun 2022 02:54

Tgt Ion: 43 Resp: 11261
Ion Ratio Lower Upper
43 100
58 15.7 26.0 39.0#

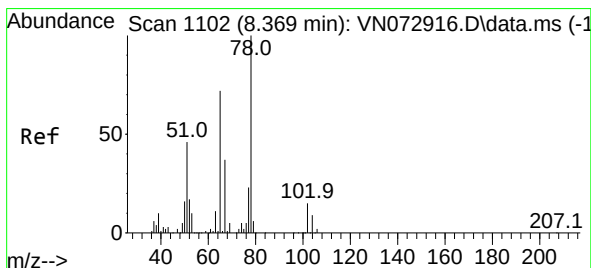
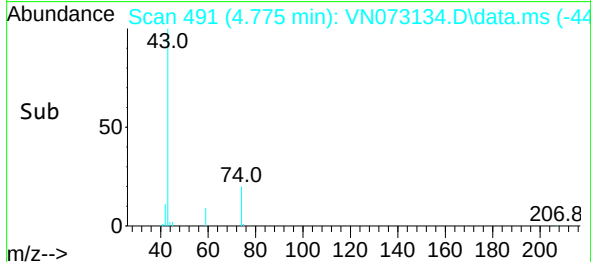
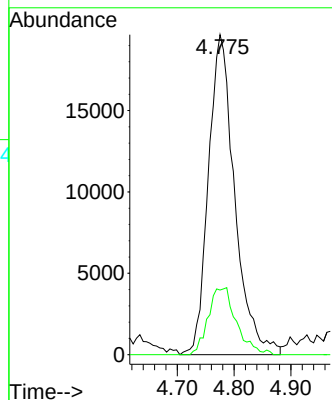
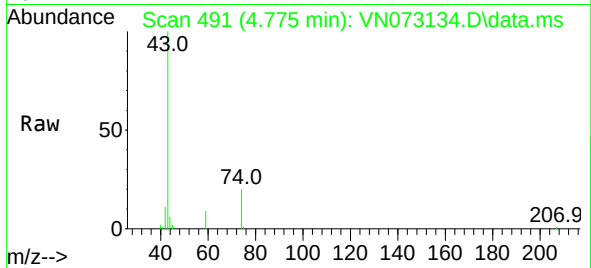




#18
Methyl Acetate
Concen: 8.163 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073134.D
Acq: 26 Jun 2022 02:54

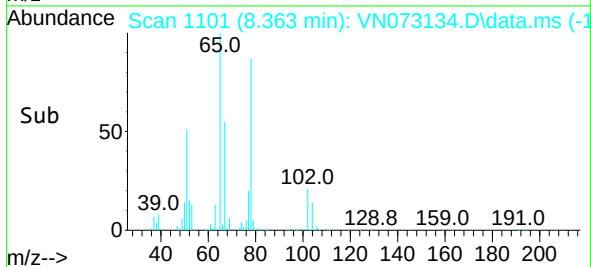
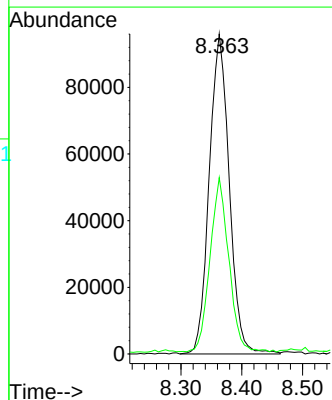
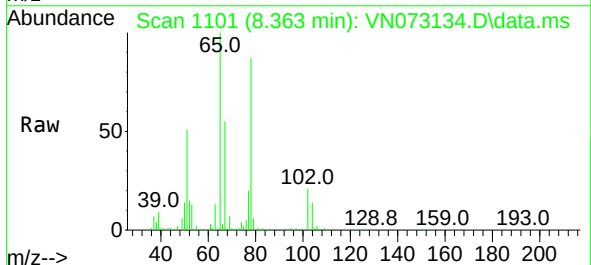
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-6

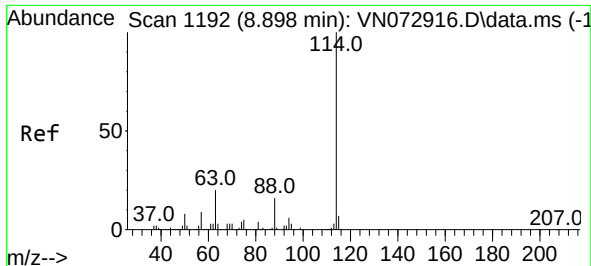
Tgt Ion: 43 Resp: 63294
Ion Ratio Lower Upper
43 100
74 22.1 21.6 32.4



#33
1,2-Dichloroethane-d4
Concen: 41.392 ug/l
RT: 8.363 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VN073134.D
Acq: 26 Jun 2022 02:54

Tgt Ion: 65 Resp: 219260
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.8

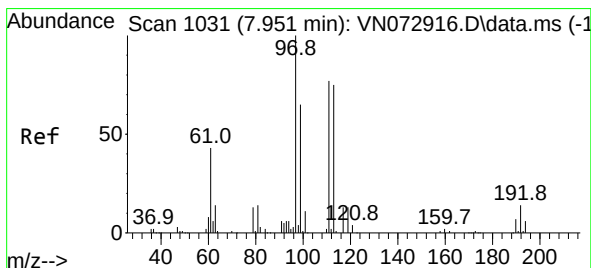
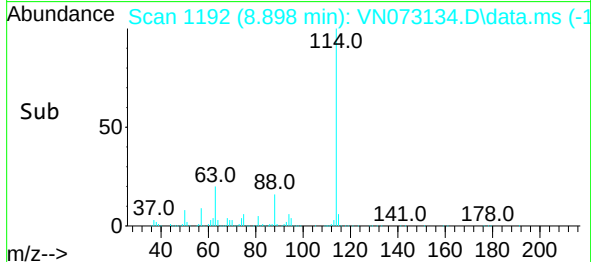
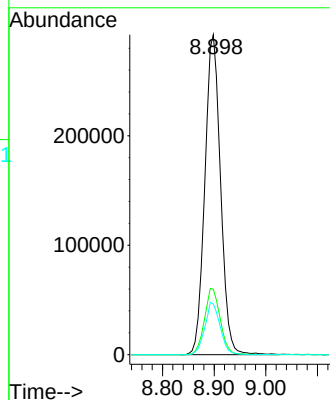
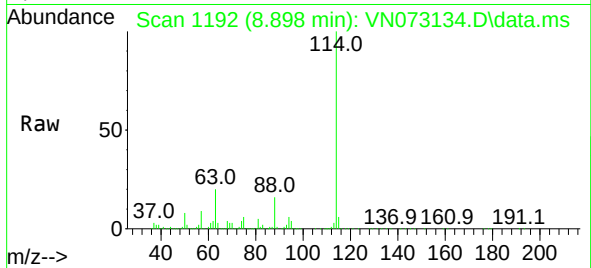




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.898 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VN073134.D
Acq: 26 Jun 2022 02:54

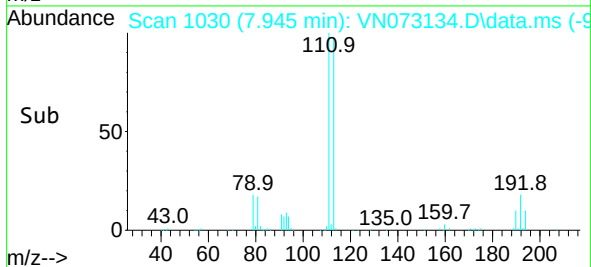
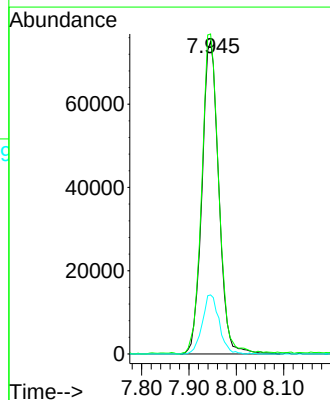
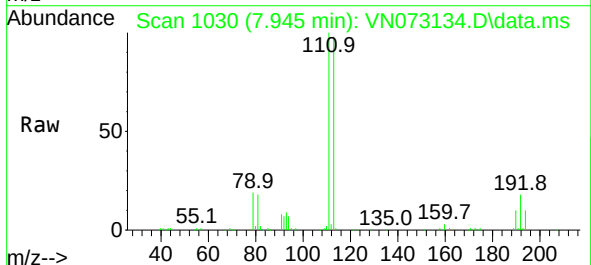
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-6

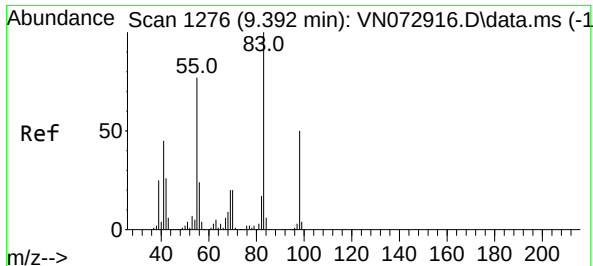
Tgt Ion:114 Resp: 616667
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.0
88 15.8 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.609 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VN073134.D
Acq: 26 Jun 2022 02:54

Tgt Ion:113 Resp: 185278
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.0
192 19.0 17.0 25.6





#39

Methylcyclohexane

Concen: 9.166 ug/l

RT: 9.381 min Scan# 1104

Delta R.T. -0.012 min

Lab File: VN073134.D

Acq: 26 Jun 2022 02:54

Instrument :

MSVOA_N

ClientSampleId :

SP-EXC-1-6

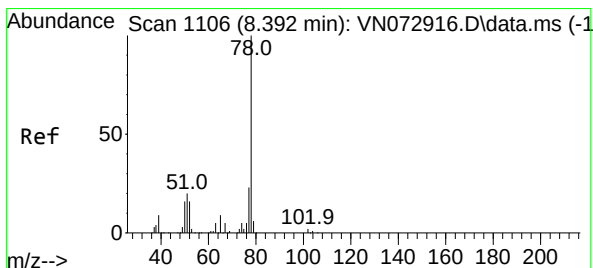
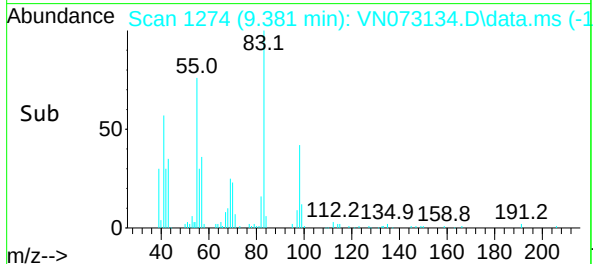
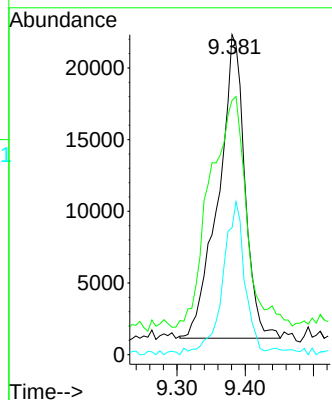
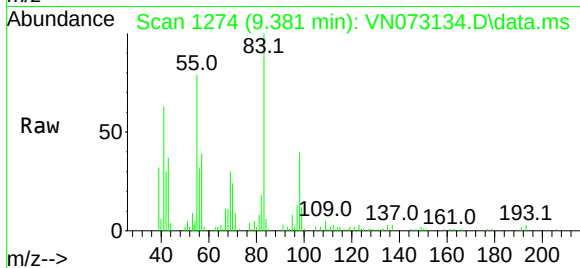
Tgt Ion: 83 Resp: 56981

Ion Ratio Lower Upper

83 100

55 72.6 57.8 86.8

98 41.8 39.4 59.2



#40

Benzene

Concen: 21.815 ug/l

RT: 8.381 min Scan# 1104

Delta R.T. -0.012 min

Lab File: VN073134.D

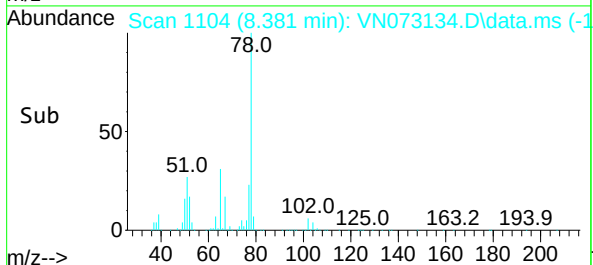
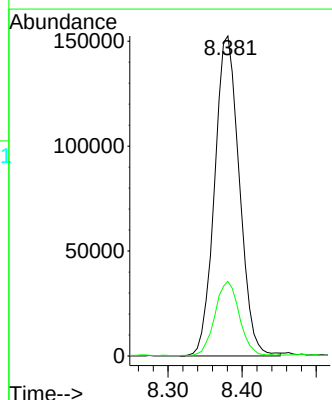
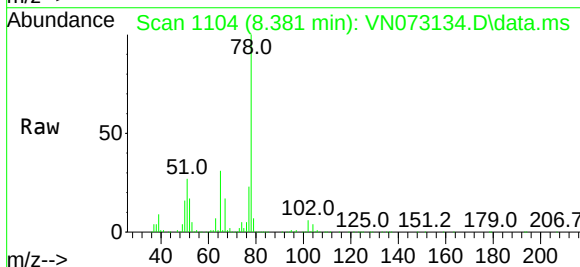
Acq: 26 Jun 2022 02:54

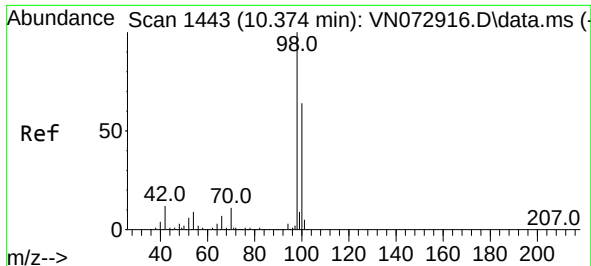
Tgt Ion: 78 Resp: 353587

Ion Ratio Lower Upper

78 100

77 23.2 19.4 29.0

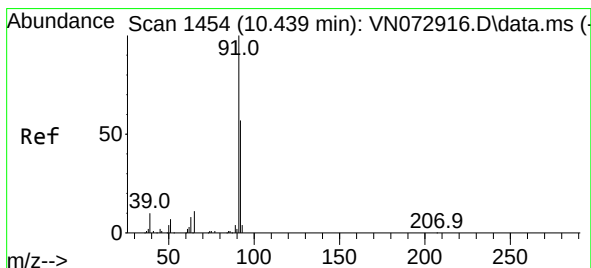
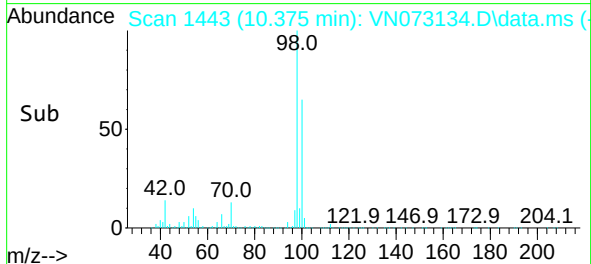
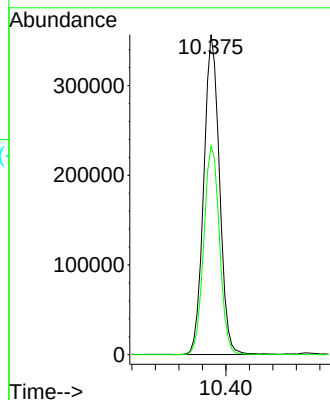
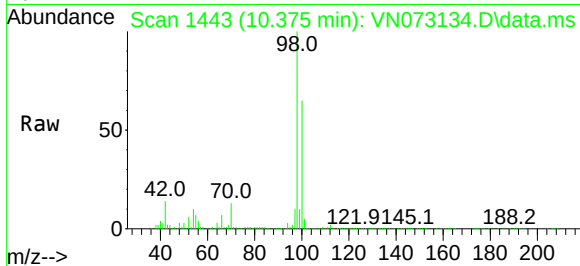




#50
Toluene-d8
Concen: 46.619 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073134.D
Acq: 26 Jun 2022 02:54

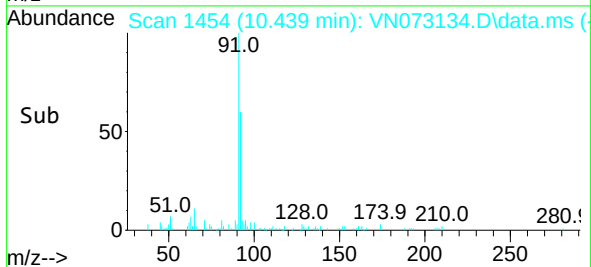
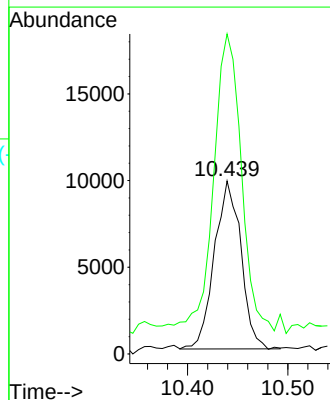
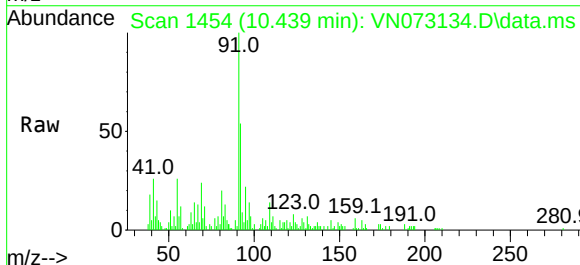
Instrument :
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SP-EXC-1-6

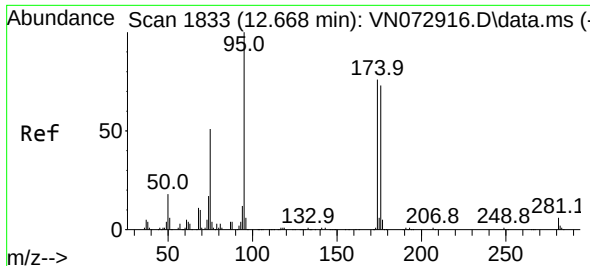
Tgt Ion: 98 Resp: 661195
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#52
Toluene
Concen: 1.798 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073134.D
Acq: 26 Jun 2022 02:54

Tgt Ion: 92 Resp: 17890
Ion Ratio Lower Upper
92 100
91 185.4 138.6 207.8

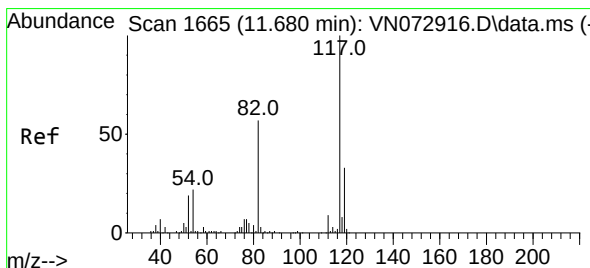
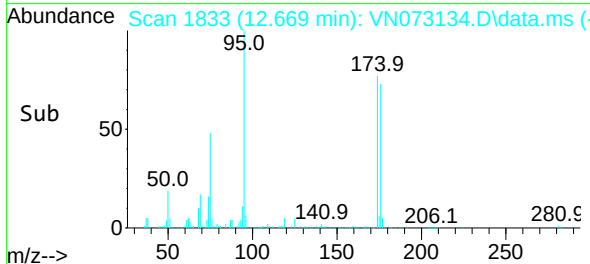
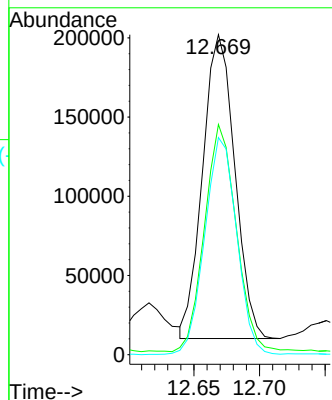
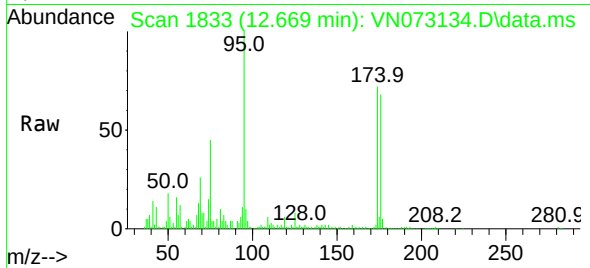




#62
4-Bromofluorobenzene
Concen: 64.071 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073134.D
Acq: 26 Jun 2022 02:54

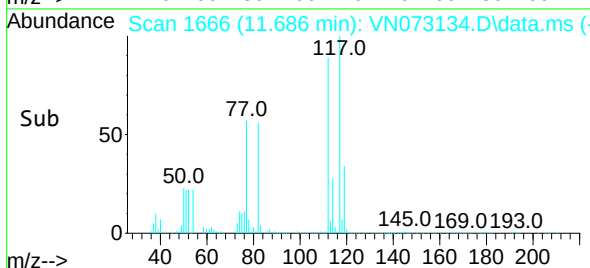
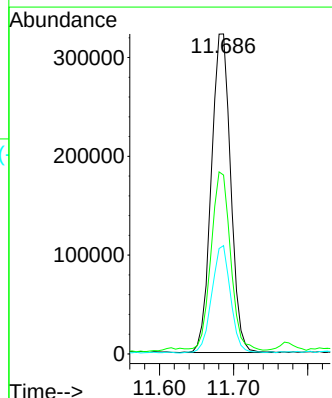
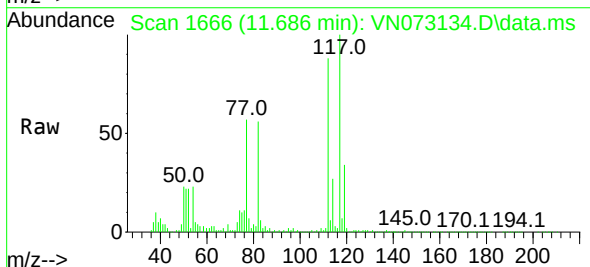
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MSVOA_N
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SP-EXC-1-6

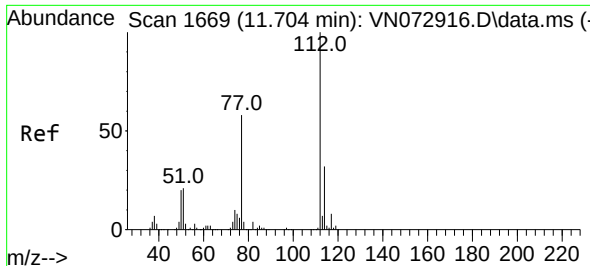
Tgt Ion: 95 Resp: 326759
Ion Ratio Lower Upper
95 100
174 77.4 0.0 167.6
176 71.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073134.D
Acq: 26 Jun 2022 02:54

Tgt Ion: 117 Resp: 584428
Ion Ratio Lower Upper
117 100
82 54.4 44.2 66.2
119 33.7 25.4 38.0

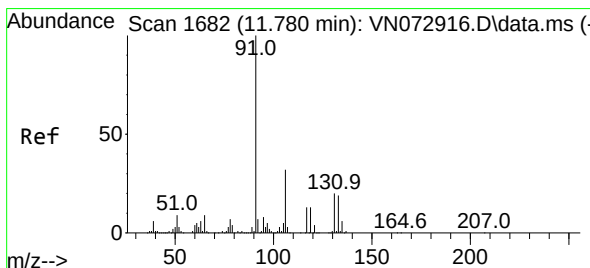
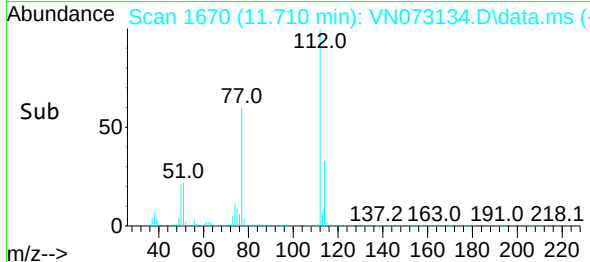
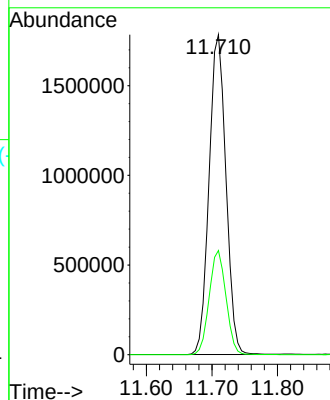
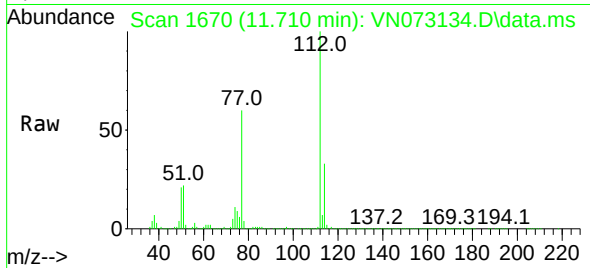




#65
Chlorobenzene
Concen: 279.671 ug/l
RT: 11.710 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN073134.D
Acq: 26 Jun 2022 02:54

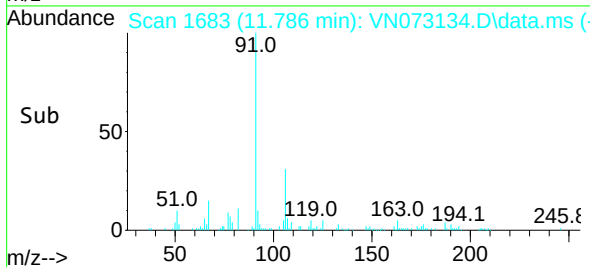
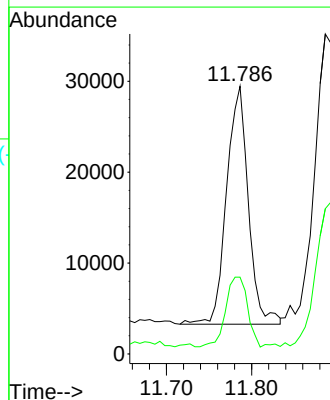
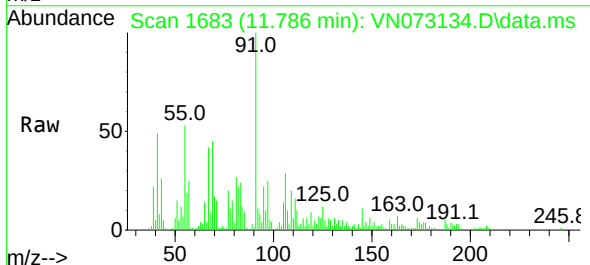
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-6

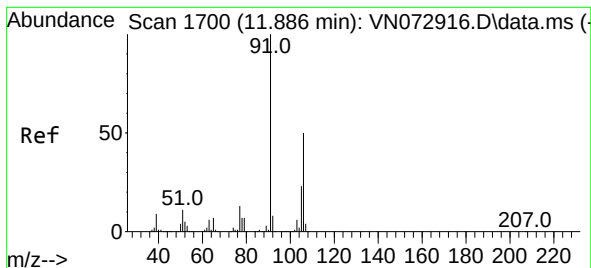
Tgt Ion:112 Resp: 3192040
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2



#67
Ethyl Benzene
Concen: 2.316 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VN073134.D
Acq: 26 Jun 2022 02:54

Tgt Ion: 91 Resp: 46533
Ion Ratio Lower Upper
91 100
106 29.2 24.9 37.3

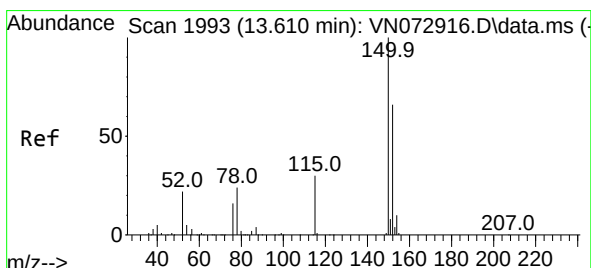
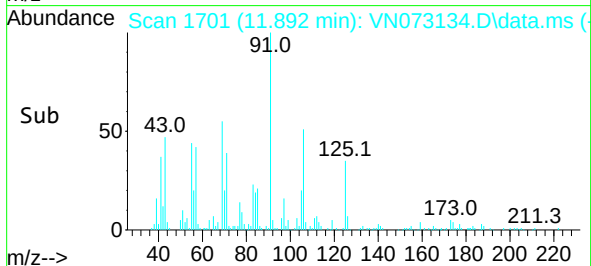
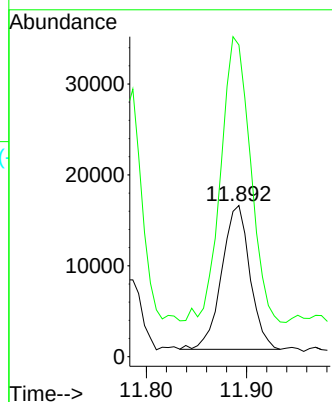
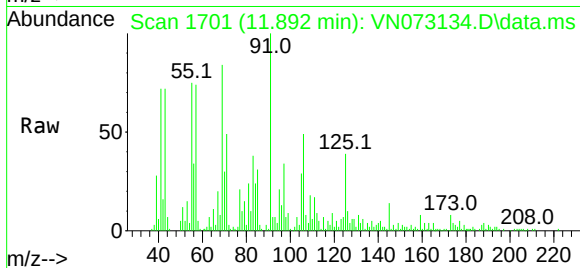




#68
m/p-Xylenes
Concen: 3.928 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN073134.D
Acq: 26 Jun 2022 02:54

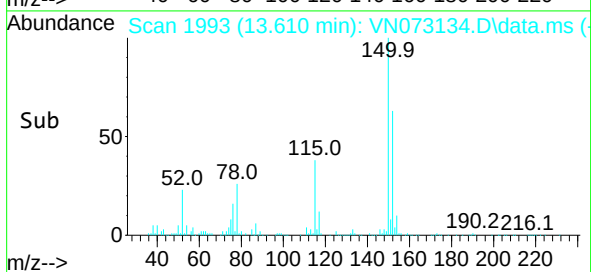
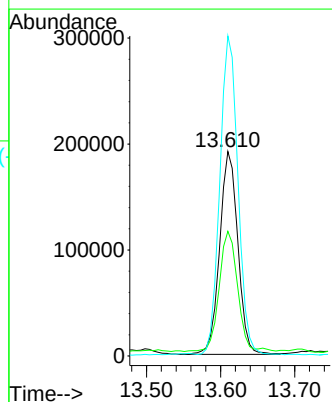
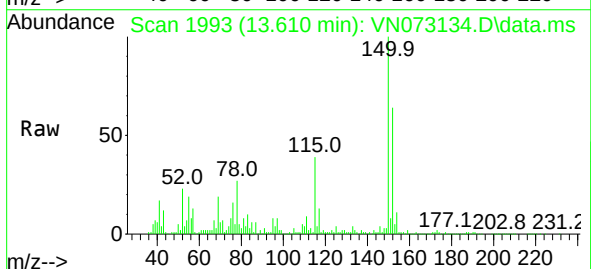
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-6

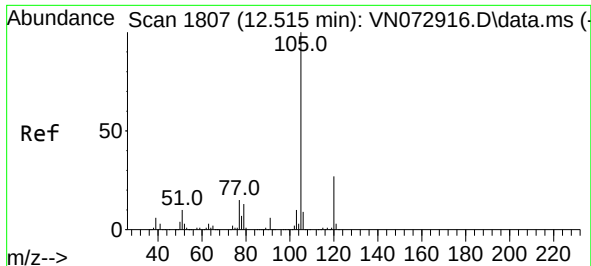
Tgt Ion:106 Resp: 30956
Ion Ratio Lower Upper
106 100
91 211.0 158.9 238.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073134.D
Acq: 26 Jun 2022 02:54

Tgt Ion:152 Resp: 327241
Ion Ratio Lower Upper
152 100
115 60.0 28.9 86.7
150 155.8 0.0 356.2

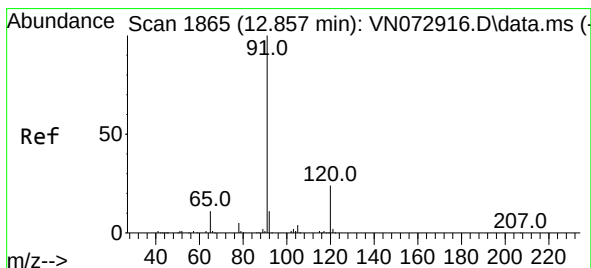
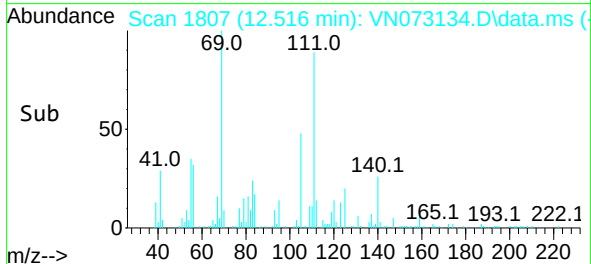
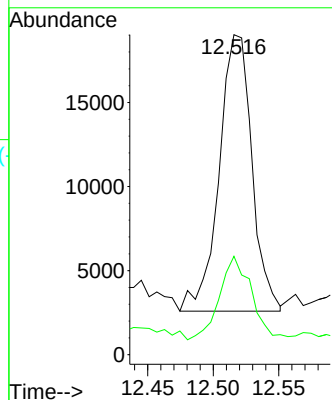
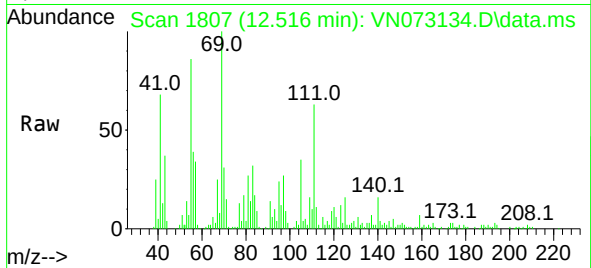




#73
Isopropylbenzene
Concen: 1.131 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN073134.D
Acq: 26 Jun 2022 02:54

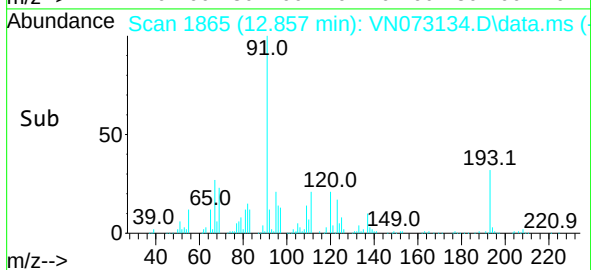
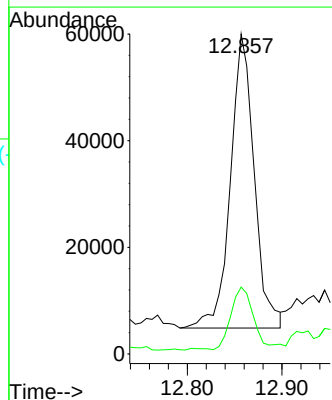
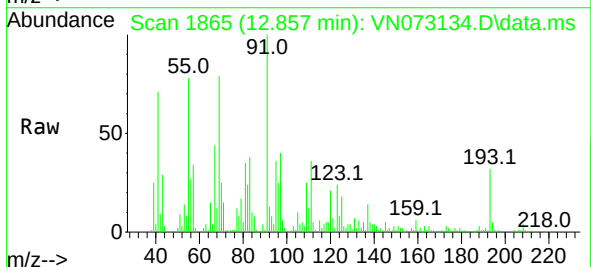
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-6

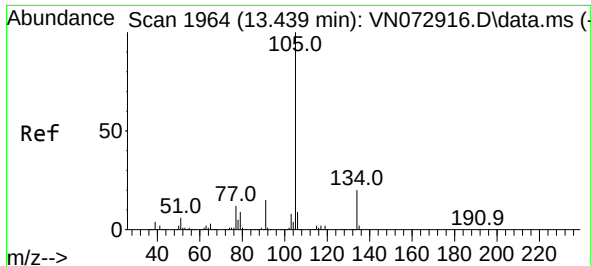
Tgt Ion:105 Resp: 28636
Ion Ratio Lower Upper
105 100
120 29.4 13.5 40.4



#78
n-propylbenzene
Concen: 3.459 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN073134.D
Acq: 26 Jun 2022 02:54

Tgt Ion: 91 Resp: 96326
Ion Ratio Lower Upper
91 100
120 20.0 11.9 35.5

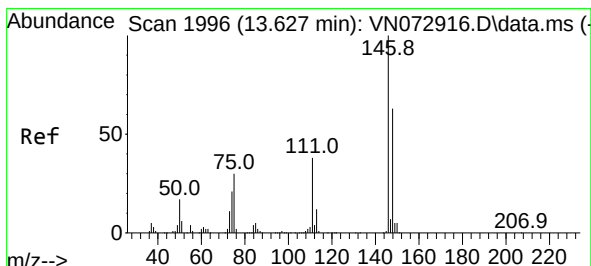
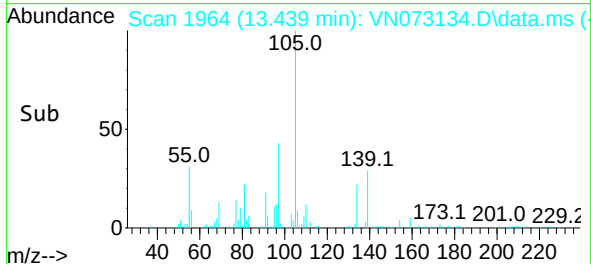
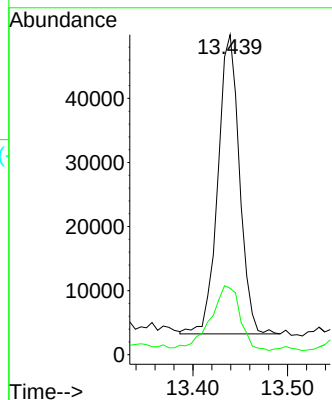
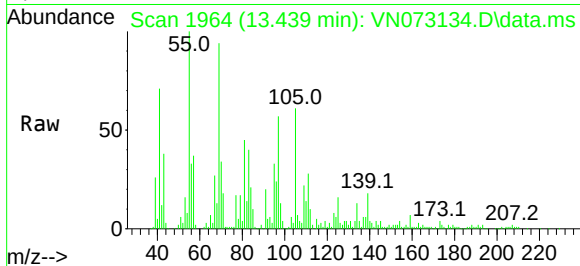




#85
 sec-Butylbenzene
 Concen: 2.914 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073134.D
 Acq: 26 Jun 2022 02:54

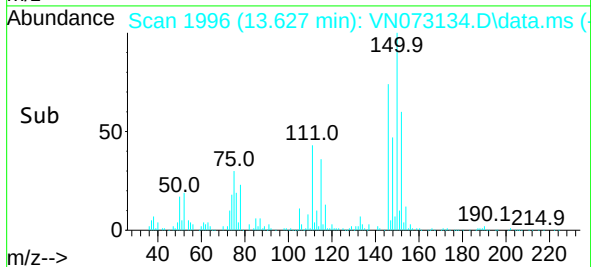
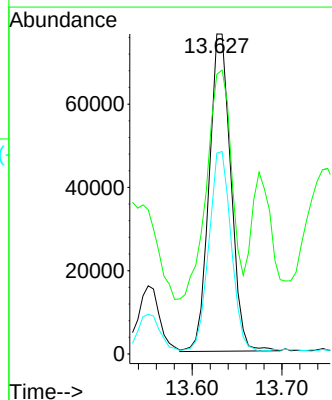
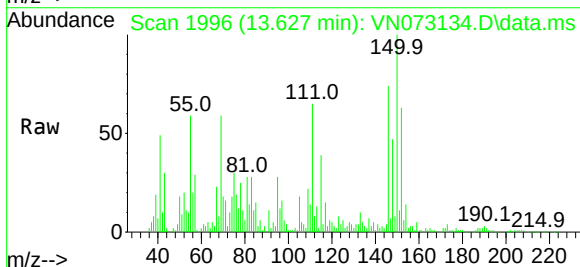
Instrument :
 MSVOA_N
 ClientSampleId :
 SP-EXC-1-6

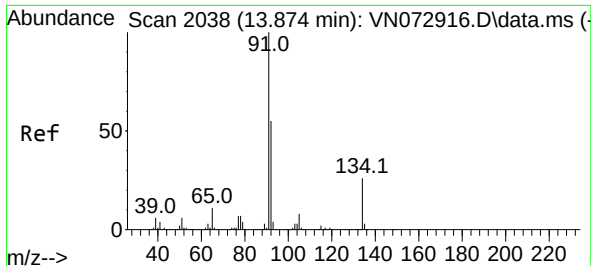
Tgt Ion:105 Resp: 74028
 Ion Ratio Lower Upper
 105 100
 134 29.9 10.4 31.1



#88
 1,4-Dichlorobenzene
 Concen: 11.692 ug/l
 RT: 13.627 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN073134.D
 Acq: 26 Jun 2022 02:54

Tgt Ion:146 Resp: 128132
 Ion Ratio Lower Upper
 146 100
 111 82.7 19.1 57.1#
 148 64.5 31.4 94.3

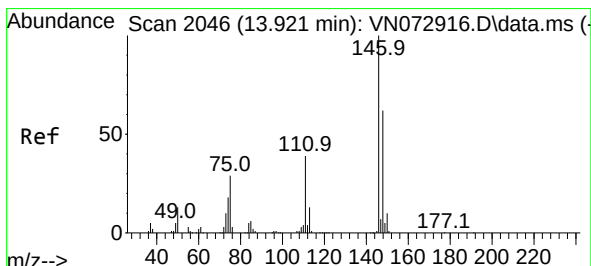
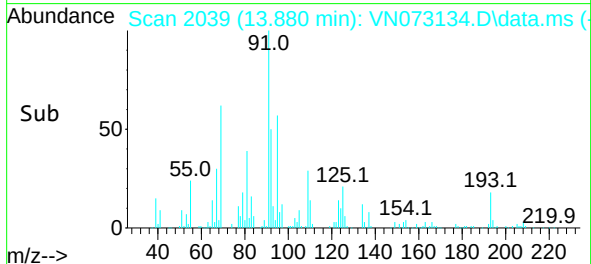
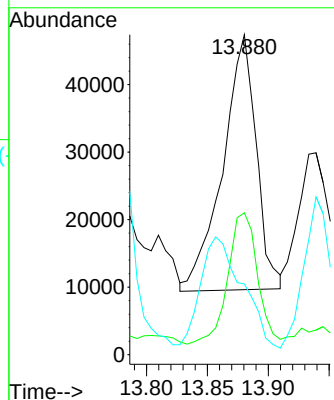
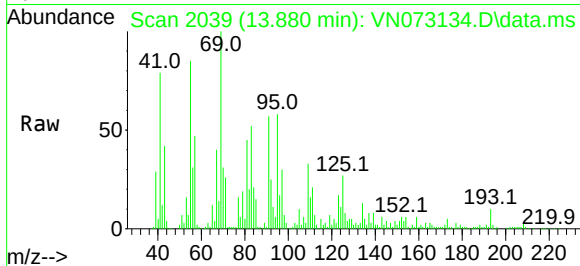




#89
n-Butylbenzene
Concen: 4.315 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN073134.D
Acq: 26 Jun 2022 02:54

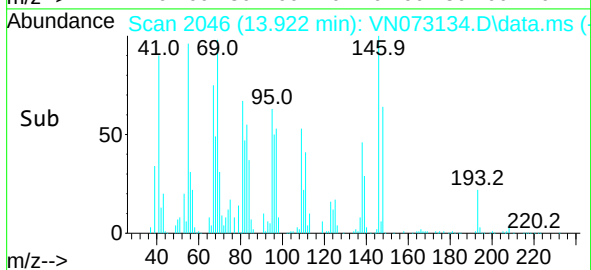
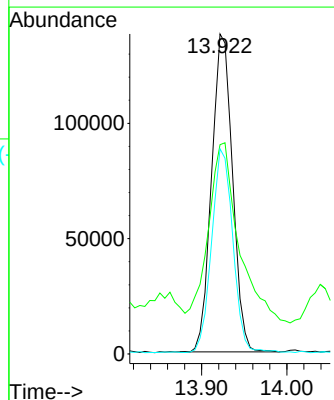
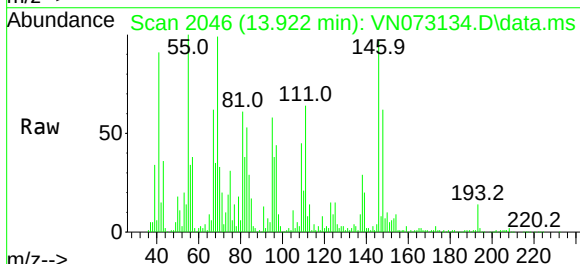
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-6

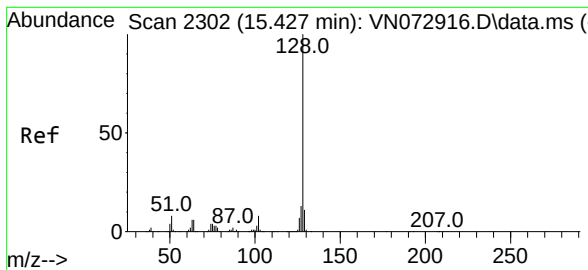
Tgt Ion: 91 Resp: 72479
Ion Ratio Lower Upper
91 100
92 45.2 26.9 80.7
134 0.0 13.6 40.8#



#91
1,2-Dichlorobenzene
Concen: 20.818 ug/l
RT: 13.922 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VN073134.D
Acq: 26 Jun 2022 02:54

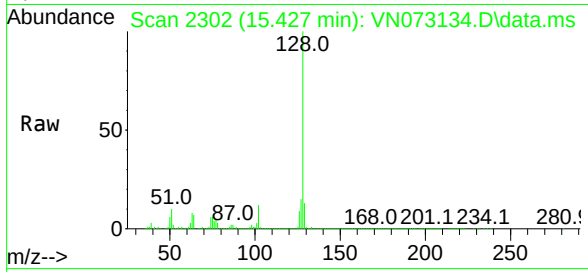
Tgt Ion:146 Resp: 235079
Ion Ratio Lower Upper
146 100
111 82.3 20.9 62.8#
148 65.0 32.1 96.3





#95
Naphthalene
Concen: 755.359 ug/l
RT: 15.427 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN073134.D
Acq: 26 Jun 2022 02:54

Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-1-6



Tgt Ion:128 Resp:19095494

Ion	Ratio	Lower	Upper
128	100		
127	14.6	10.3	15.5
129	12.3	8.6	13.0

