

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062722\
 Data File : VN073165.D
 Acq On : 27 Jun 2022 16:27
 Operator : JC\MD
 Sample : N3422-03
 Misc : 5.09g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-1A-12

Quant Time: Jun 27 17:47:26 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	8.004	168	307584	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.898	114	504927	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	480920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.609	152	276191	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	178506	42.926	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.860%
35) Dibromofluoromethane	7.945	113	149227	47.815	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.640%
50) Toluene-d8	10.374	98	563125	48.491	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.980%
62) 4-Bromofluorobenzene	12.668	95	278751	66.753	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	133.500%#

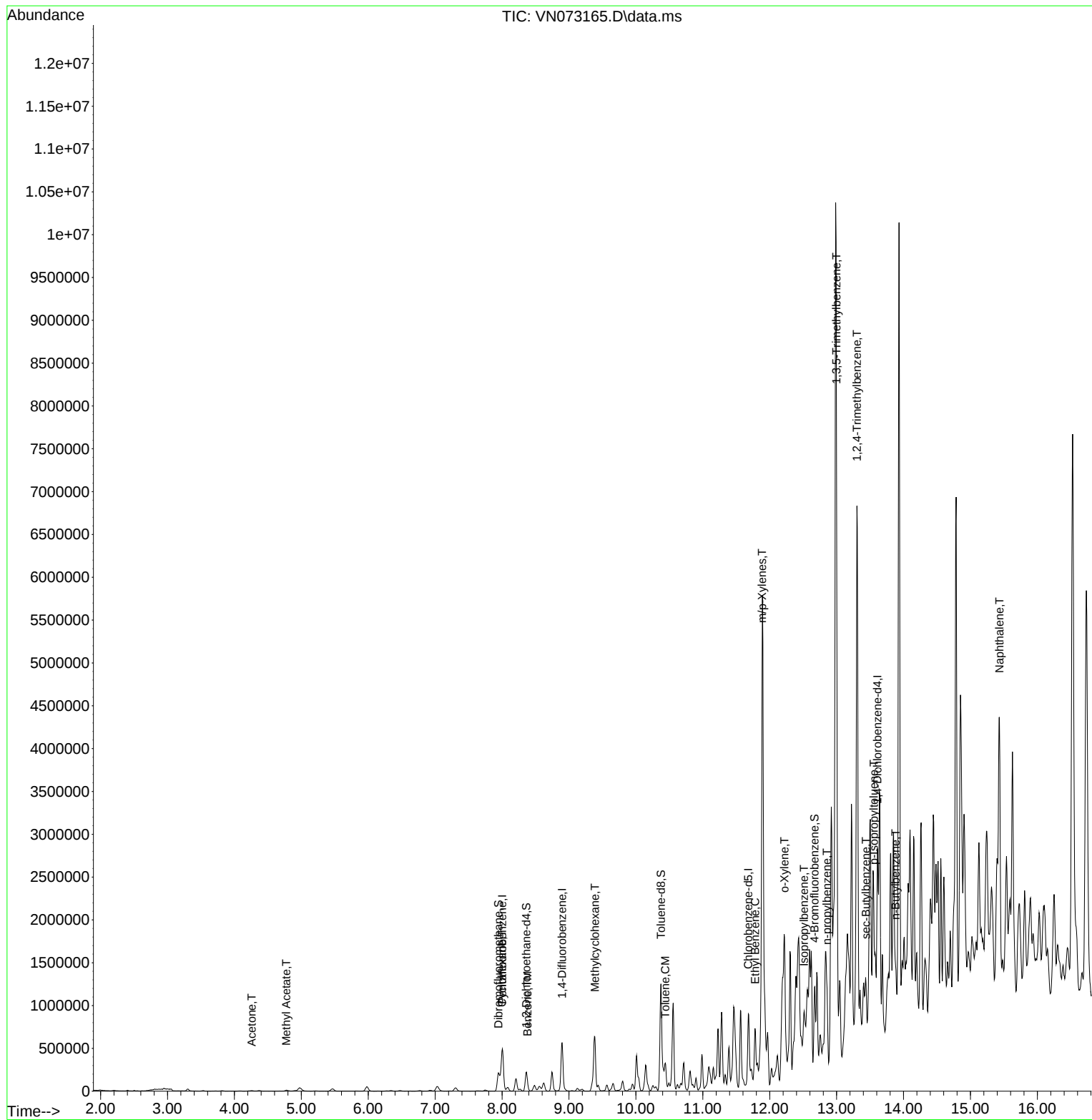
Target Compounds						Qvalue
16) Acetone	4.257	43	11802	5.163	ug/l #	81
18) Methyl Acetate	4.775	43	23679	3.890	ug/l #	87
31) Cyclohexane	7.998	56	71236	12.664	ug/l #	87
39) Methylcyclohexane	9.386	83	276281	54.278	ug/l	96
40) Benzene	8.380	78	16893	1.273	ug/l	96
52) Toluene	10.439	92	136607	16.765	ug/l	99
67) Ethyl Benzene	11.780	91	428778	25.934	ug/l	100
68) m/p-Xylenes	11.886	106	756229	116.617	ug/l	94
69) o-Xylene	12.221	106	387416	59.788	ug/l	98
73) Isopropylbenzene	12.515	105	256665	12.012	ug/l	99
78) n-propylbenzene	12.857	91	574944	24.463	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	1304776	74.342	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	3471613	198.592	ug/l	98
85) sec-Butylbenzene	13.439	105	283641	13.228	ug/l #	69
86) p-Isopropyltoluene	13.557	119	505542	29.121	ug/l	98
89) n-Butylbenzene	13.880	91	309821	21.856	ug/l #	73
95) Naphthalene	15.433	128	2640635	123.762	ug/l	99

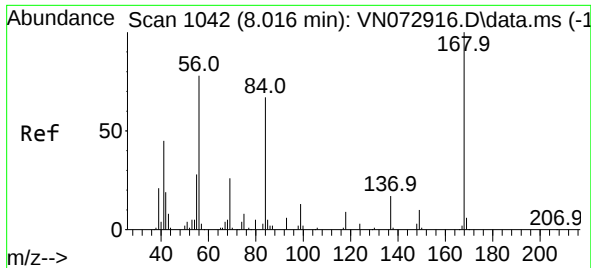
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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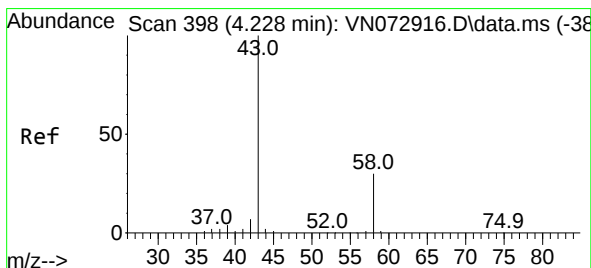
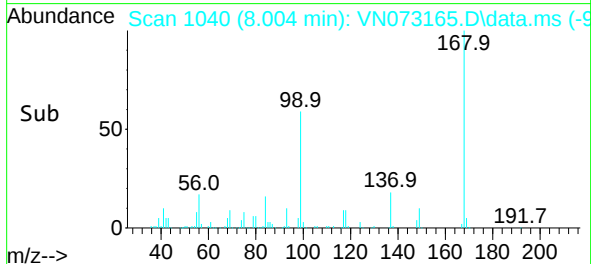
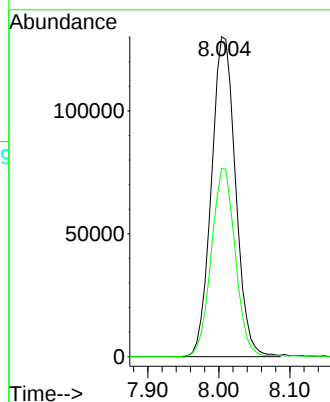
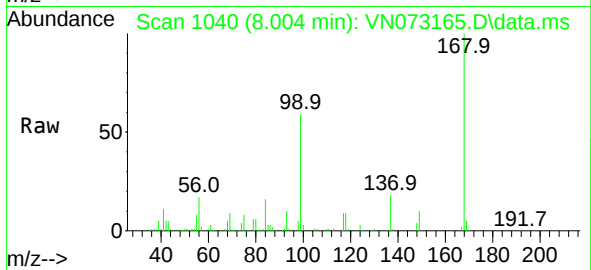




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.004 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN073165.D
Acq: 27 Jun 2022 16:27

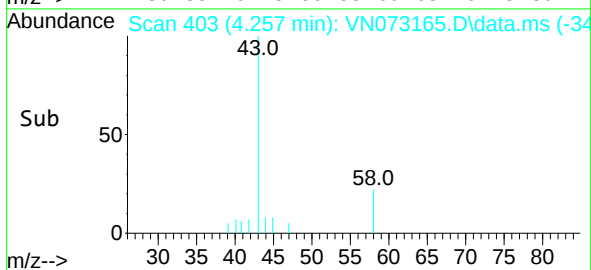
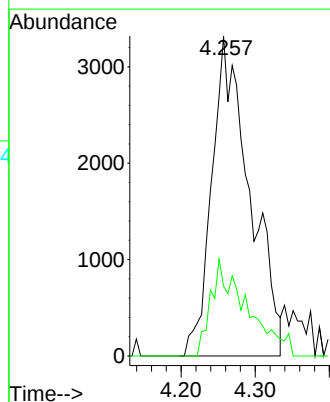
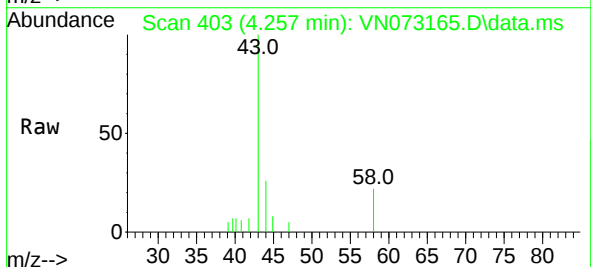
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-12

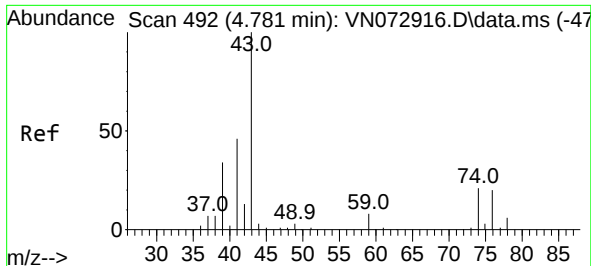
Tgt Ion:168 Resp: 307584
Ion Ratio Lower Upper
168 100
99 58.8 42.3 63.5



#16
Acetone
Concen: 5.163 ug/l
RT: 4.257 min Scan# 403
Delta R.T. 0.029 min
Lab File: VN073165.D
Acq: 27 Jun 2022 16:27

Tgt Ion: 43 Resp: 11802
Ion Ratio Lower Upper
43 100
58 21.8 26.0 39.0#





#18

Methyl Acetate

Concen: 3.890 ug/l

RT: 4.775 min Scan# 491

Delta R.T. -0.006 min

Lab File: VN073165.D

Acq: 27 Jun 2022 16:27

Instrument :

MSVOA_N

ClientSampleId :

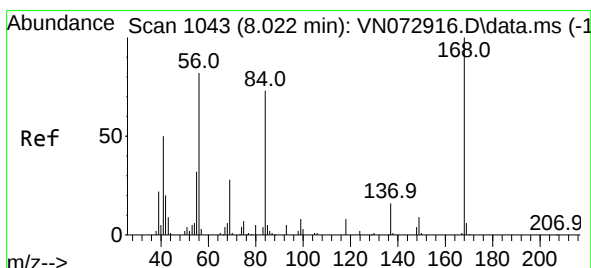
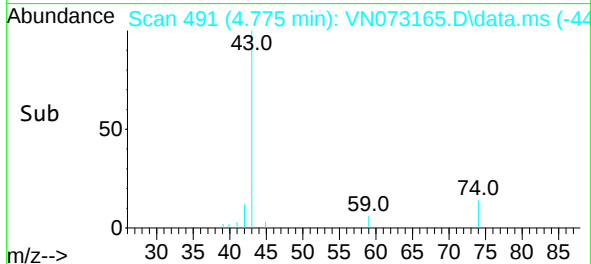
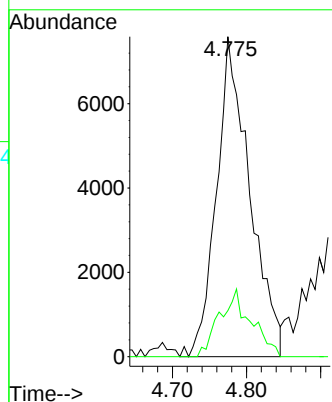
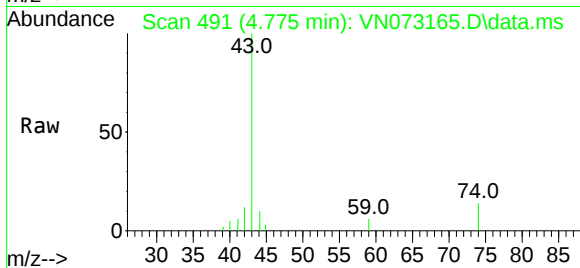
WC-14A-1A-12

Tgt Ion: 43 Resp: 23679

Ion Ratio Lower Upper

43 100

74 20.0 21.6 32.4#



#31

Cyclohexane

Concen: 12.664 ug/l

RT: 7.998 min Scan# 1039

Delta R.T. -0.024 min

Lab File: VN073165.D

Acq: 27 Jun 2022 16:27

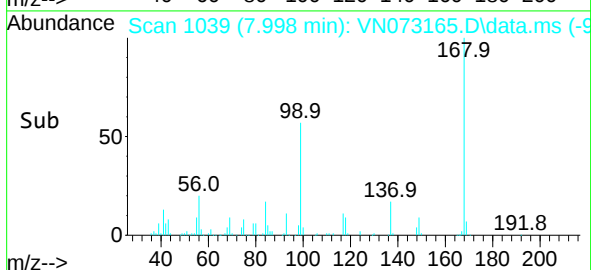
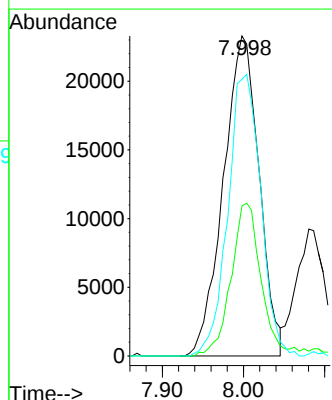
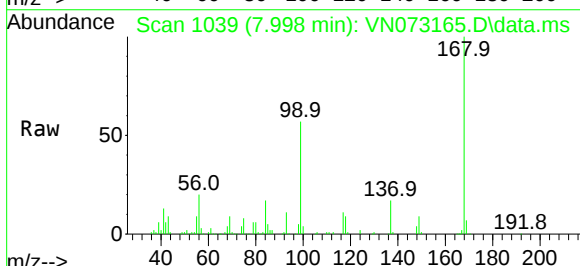
Tgt Ion: 56 Resp: 71236

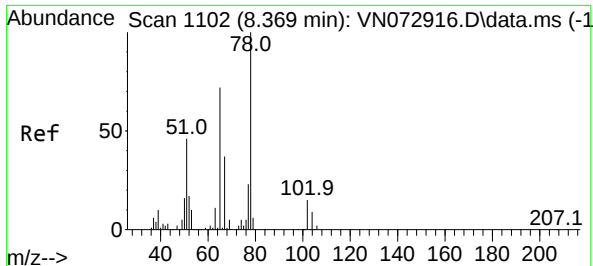
Ion Ratio Lower Upper

56 100

69 46.9 27.8 41.8#

84 86.5 76.9 115.3

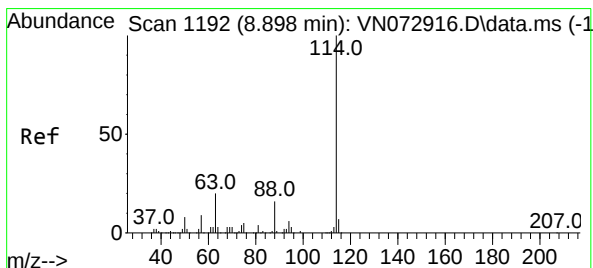
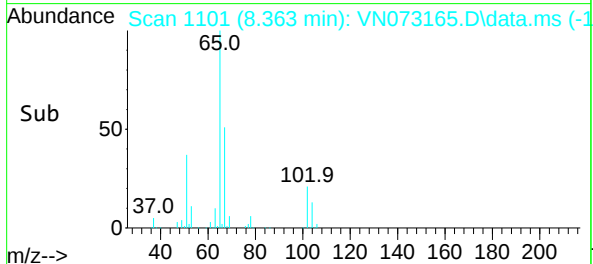
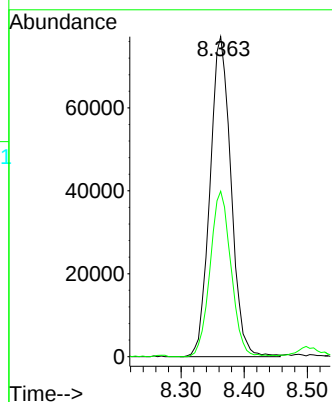
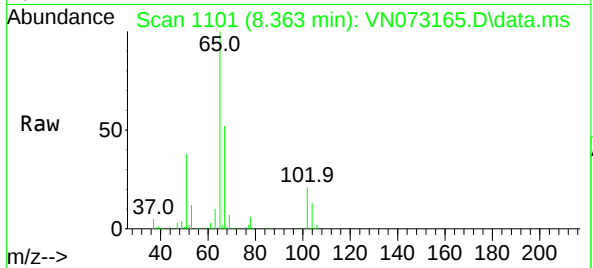




#33
1,2-Dichloroethane-d4
Concen: 42.926 ug/l
RT: 8.363 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VN073165.D
Acq: 27 Jun 2022 16:27

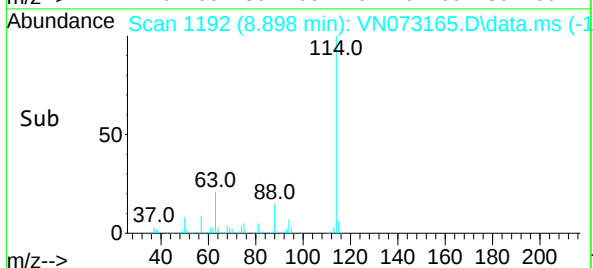
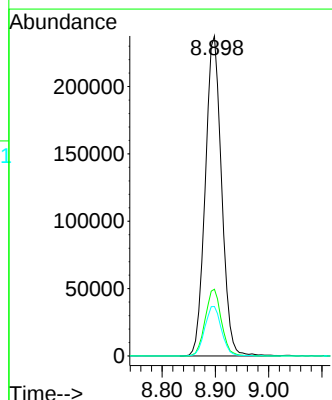
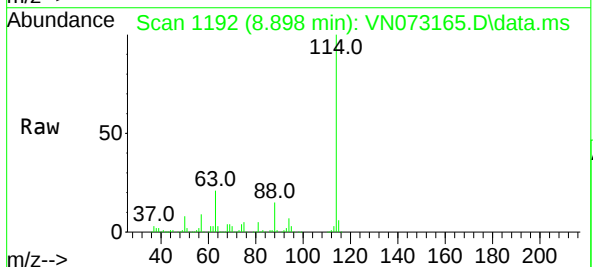
Instrument :
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WC-14A-1A-12

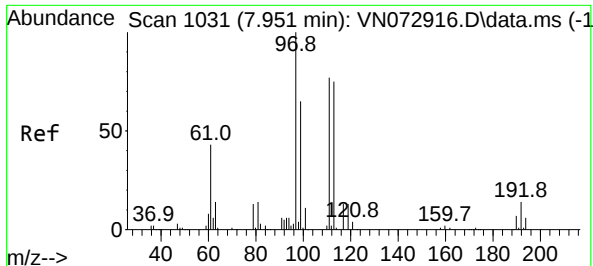
Tgt Ion: 65 Resp: 178506
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.898 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VN073165.D
Acq: 27 Jun 2022 16:27

Tgt Ion: 114 Resp: 504927
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.0
88 15.4 0.0 32.6

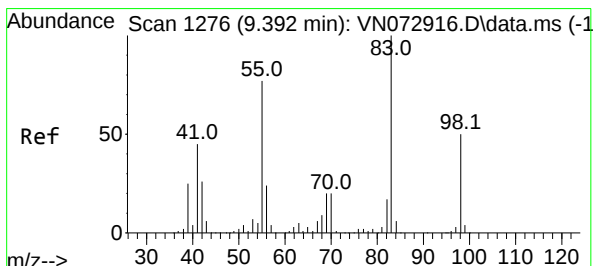
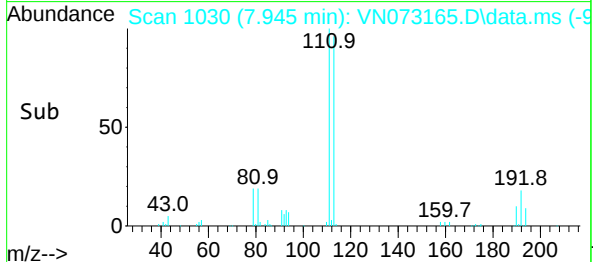
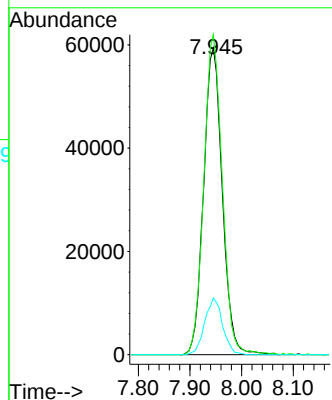
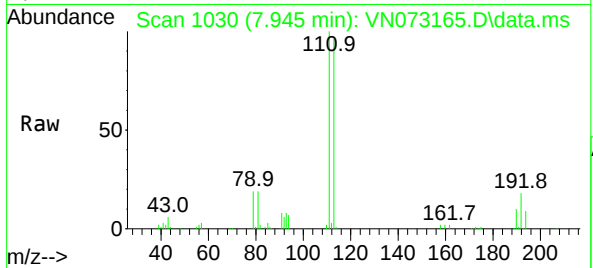




#35
Dibromofluoromethane
Concen: 47.815 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VN073165.D
Acq: 27 Jun 2022 16:27

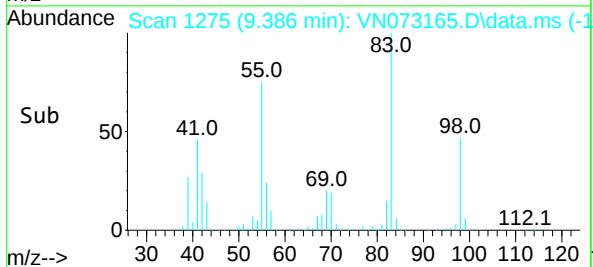
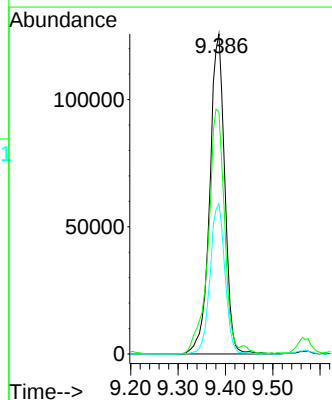
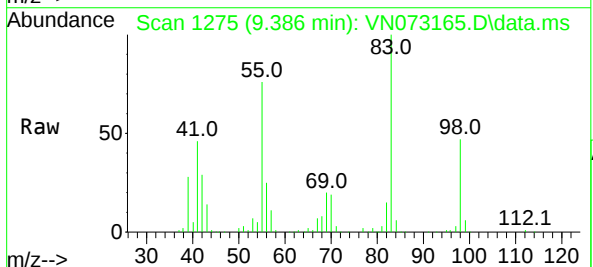
Instrument :
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ClientSampleId :
WC-14A-1A-12

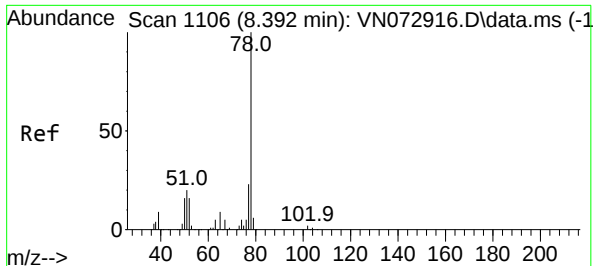
Tgt Ion:113 Resp: 149227
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.0
192 17.7 17.0 25.6



#39
Methylcyclohexane
Concen: 54.278 ug/l
RT: 9.386 min Scan# 1275
Delta R.T. -0.006 min
Lab File: VN073165.D
Acq: 27 Jun 2022 16:27

Tgt Ion: 83 Resp: 276281
Ion Ratio Lower Upper
83 100
55 75.5 57.8 86.8
98 47.0 39.4 59.2

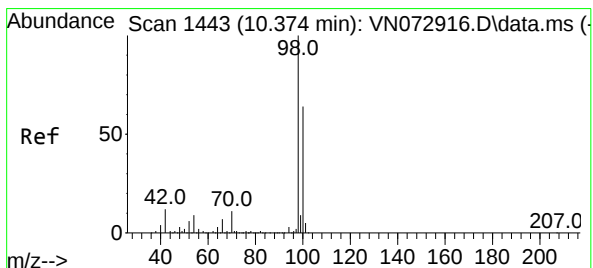
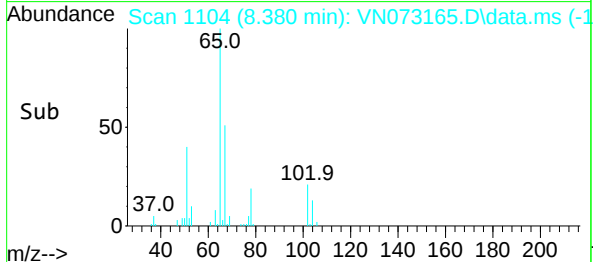
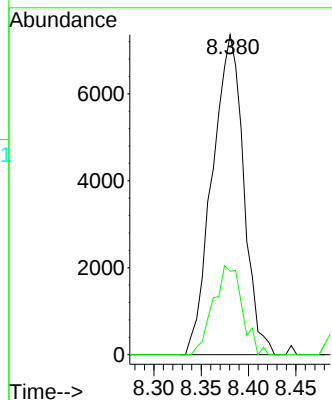
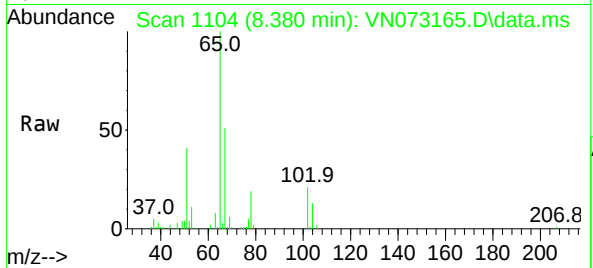




#40
Benzene
Concen: 1.273 ug/l
RT: 8.380 min Scan# 1104
Delta R.T. -0.012 min
Lab File: VN073165.D
Acq: 27 Jun 2022 16:27

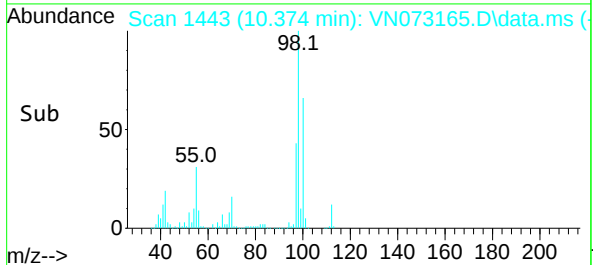
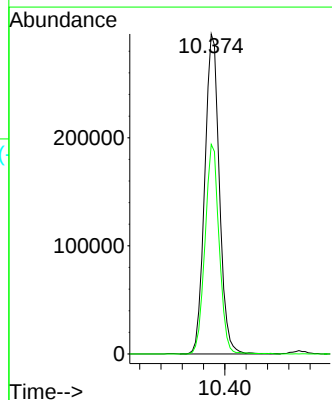
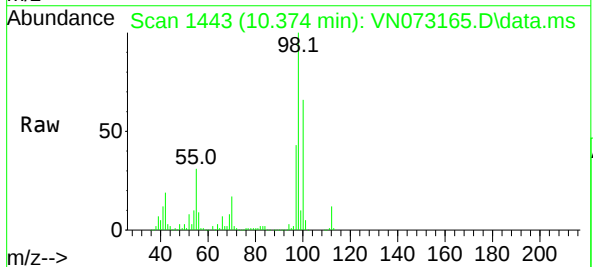
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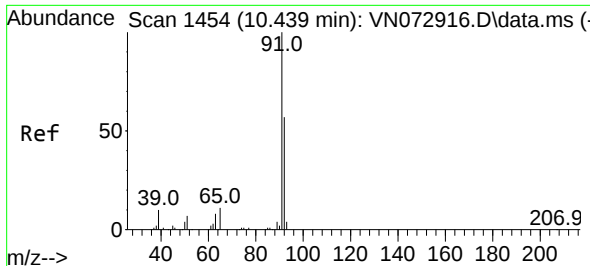
Tgt Ion: 78 Resp: 16893
Ion Ratio Lower Upper
78 100
77 26.1 19.4 29.0



#50
Toluene-d8
Concen: 48.491 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073165.D
Acq: 27 Jun 2022 16:27

Tgt Ion: 98 Resp: 563125
Ion Ratio Lower Upper
98 100
100 63.2 52.6 78.8

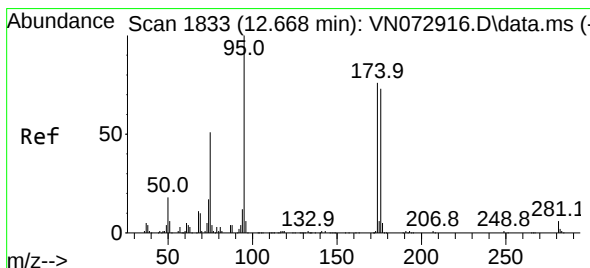
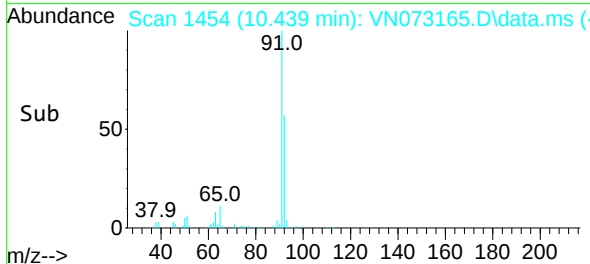
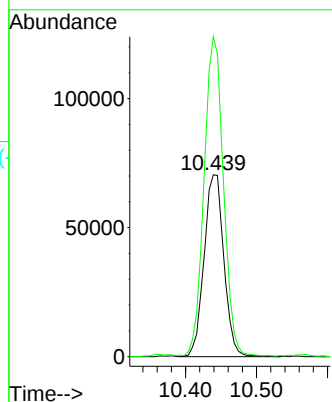
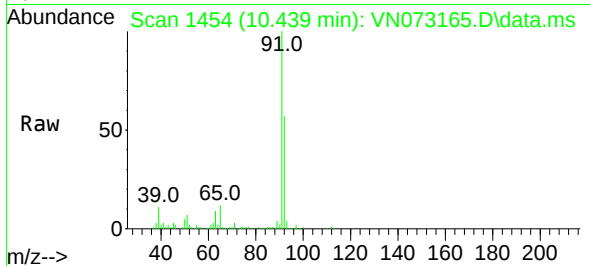




#52
Toluene
Concen: 16.765 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. -0.000 min
Lab File: VN073165.D
Acq: 27 Jun 2022 16:27

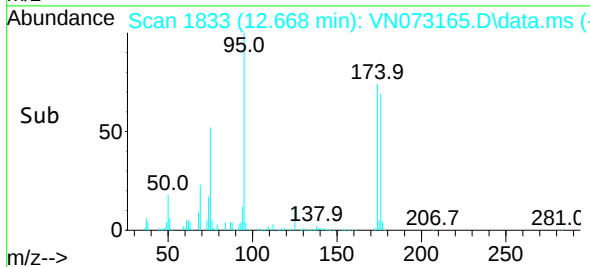
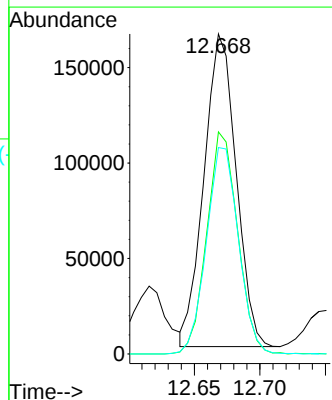
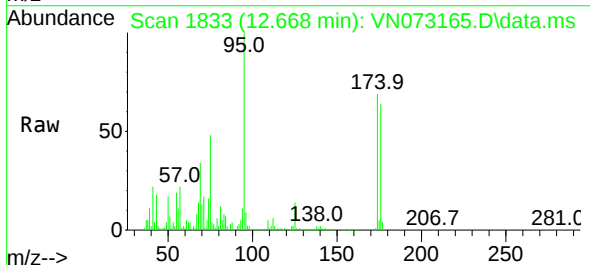
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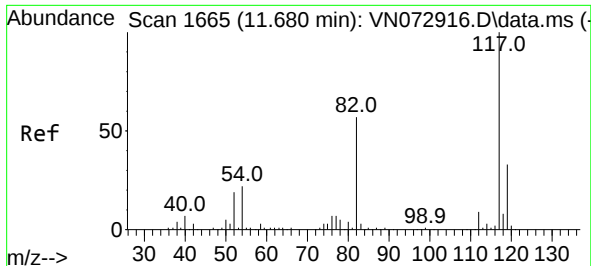
Tgt Ion: 92 Resp: 136607
Ion Ratio Lower Upper
92 100
91 171.6 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 66.753 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073165.D
Acq: 27 Jun 2022 16:27

Tgt Ion: 95 Resp: 278751
Ion Ratio Lower Upper
95 100
174 68.4 0.0 167.6
176 66.0 0.0 163.4

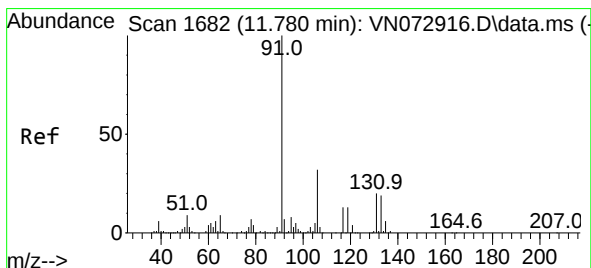
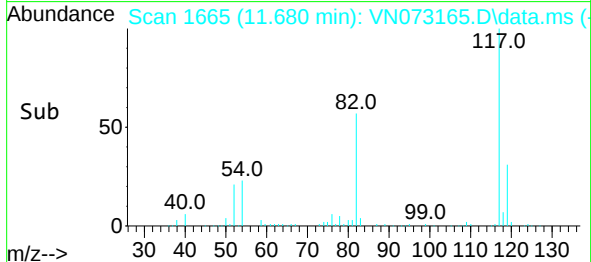
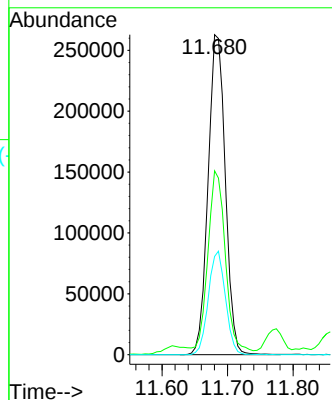
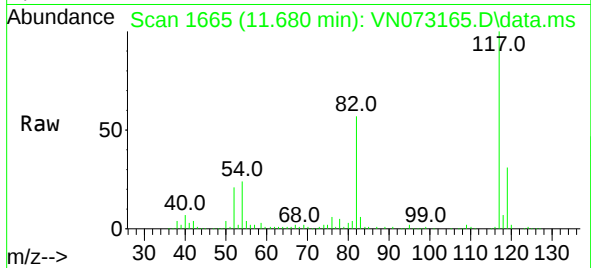




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN073165.D
Acq: 27 Jun 2022 16:27

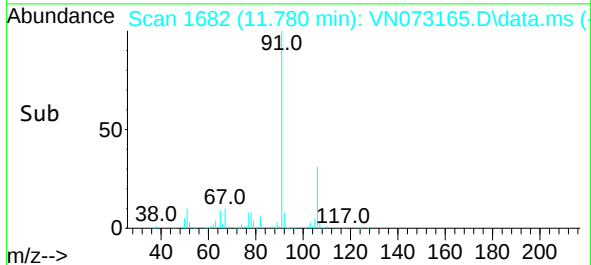
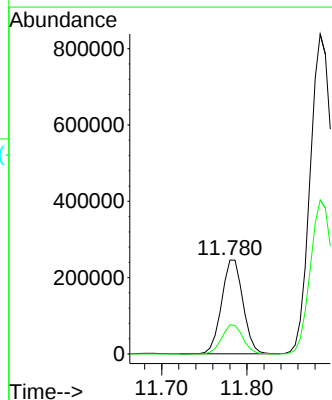
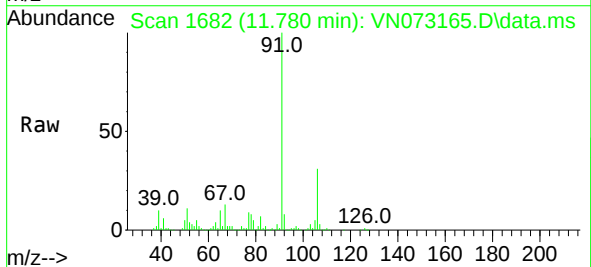
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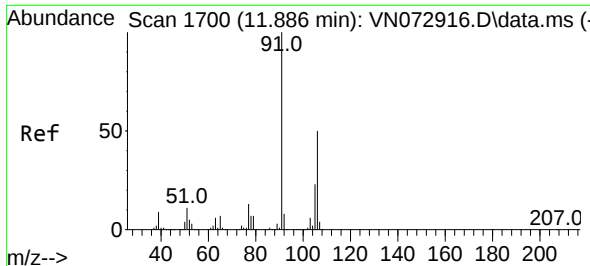
Tgt Ion:117 Resp: 480920
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 30.7 25.4 38.0



#67
Ethyl Benzene
Concen: 25.934 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN073165.D
Acq: 27 Jun 2022 16:27

Tgt Ion: 91 Resp: 428778
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3

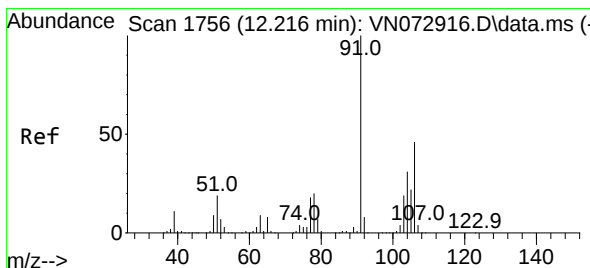
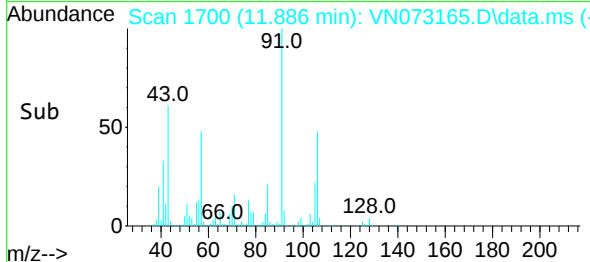
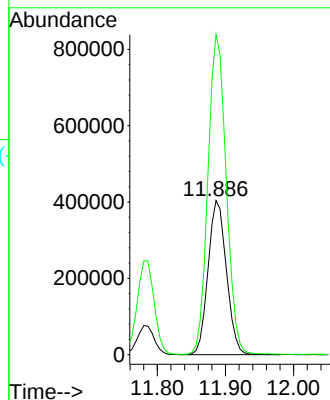
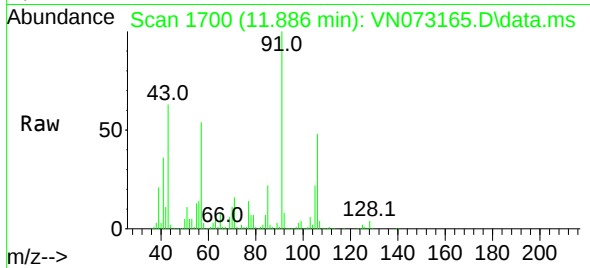




#68
m/p-Xylenes
Concen: 116.617 ug/l
RT: 11.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073165.D
Acq: 27 Jun 2022 16:27

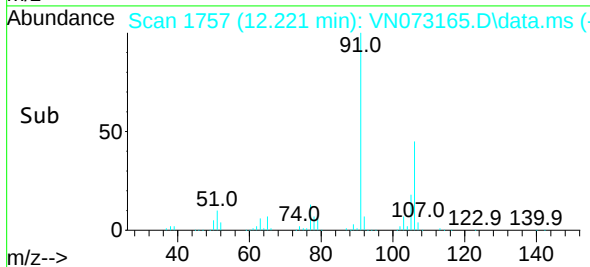
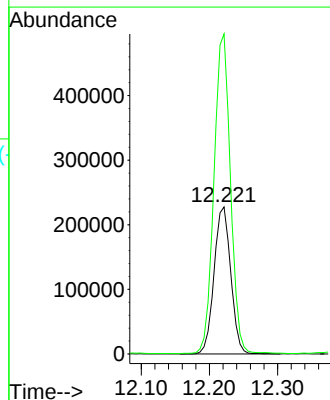
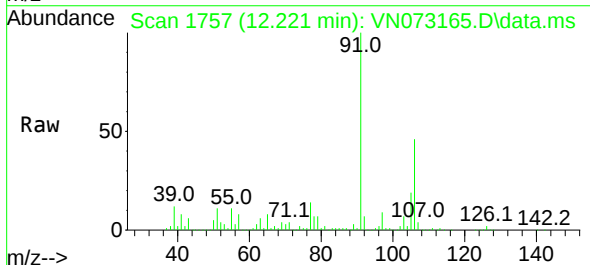
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-12

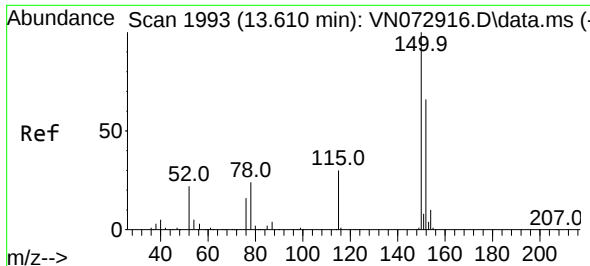
Tgt Ion:106 Resp: 756229
Ion Ratio Lower Upper
106 100
91 207.0 158.9 238.3



#69
o-Xylene
Concen: 59.788 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.006 min
Lab File: VN073165.D
Acq: 27 Jun 2022 16:27

Tgt Ion:106 Resp: 387416
Ion Ratio Lower Upper
106 100
91 215.5 106.0 318.0

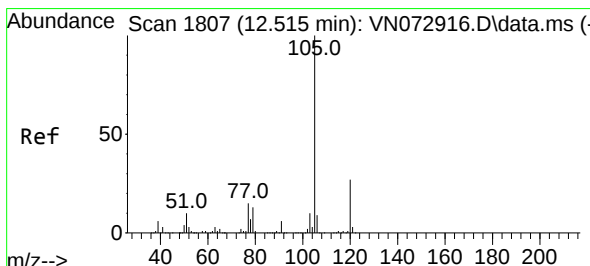
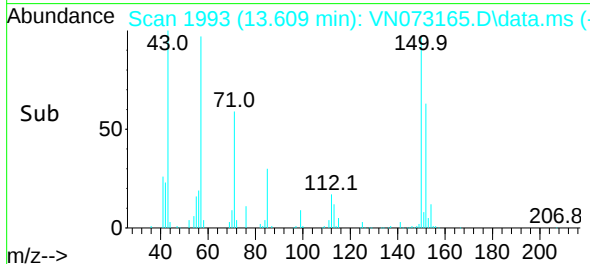
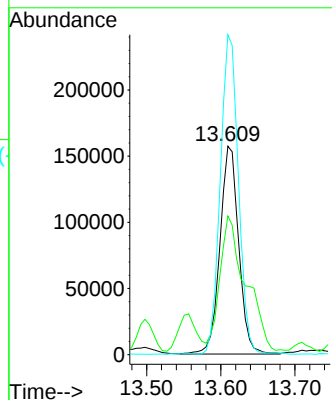
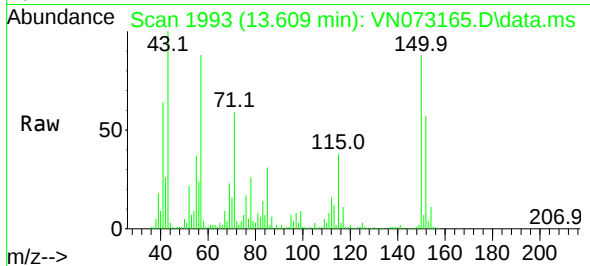




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.609 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073165.D
Acq: 27 Jun 2022 16:27

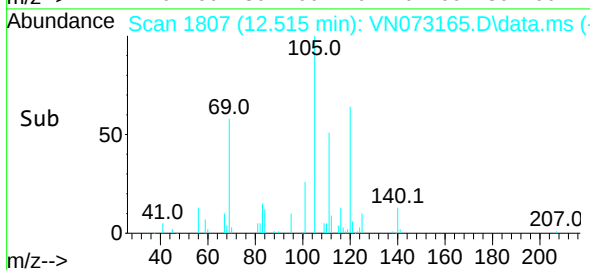
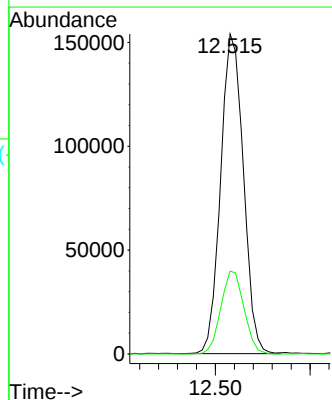
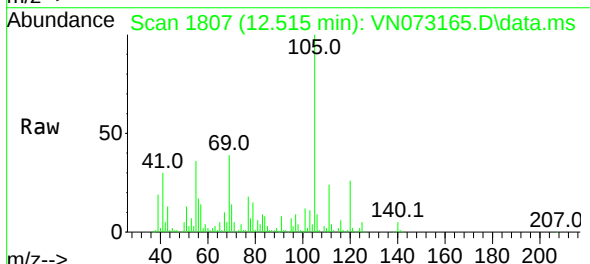
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-12

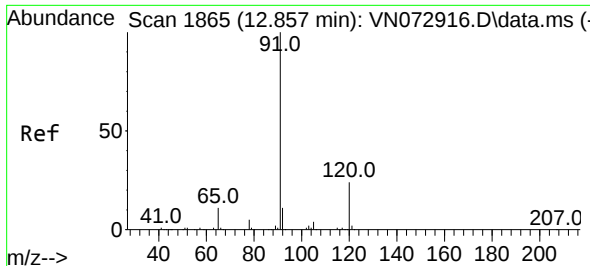
Tgt Ion:152 Resp: 276191
Ion Ratio Lower Upper
152 100
115 87.9 28.9 86.7#
150 148.1 0.0 356.2



#73
Isopropylbenzene
Concen: 12.012 ug/l
RT: 12.515 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN073165.D
Acq: 27 Jun 2022 16:27

Tgt Ion:105 Resp: 256665
Ion Ratio Lower Upper
105 100
120 26.3 13.5 40.4

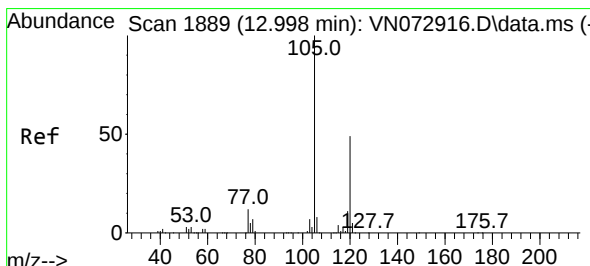
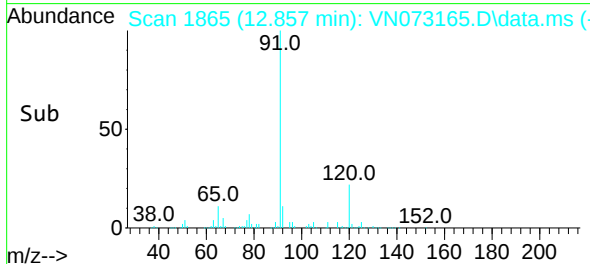
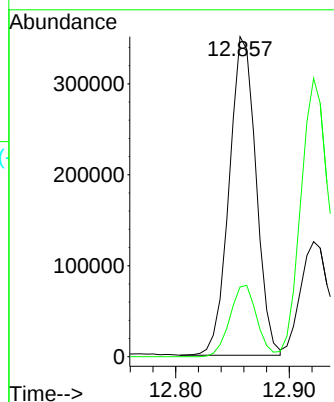
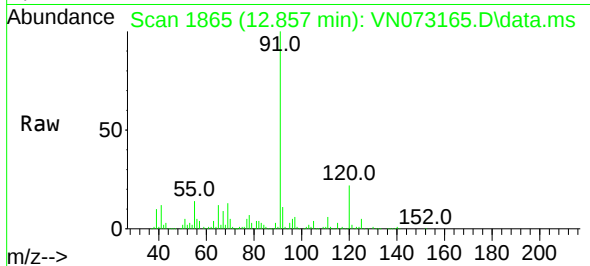




#78
n-propylbenzene
Concen: 24.463 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VN073165.D
Acq: 27 Jun 2022 16:27

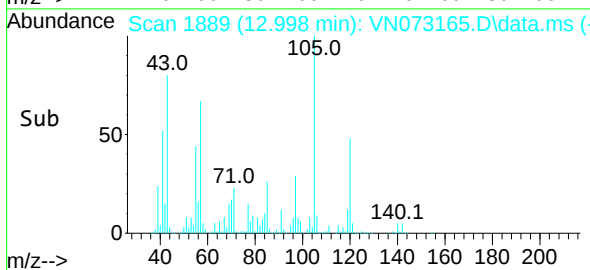
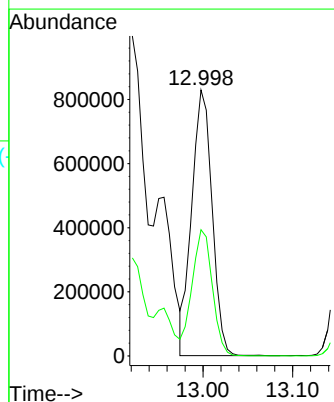
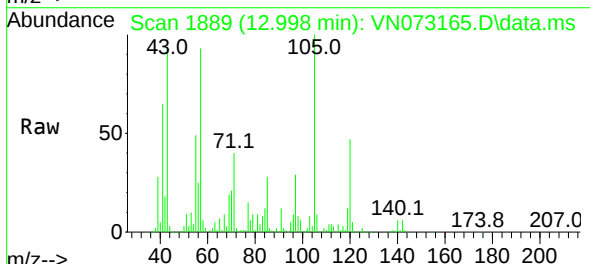
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-12

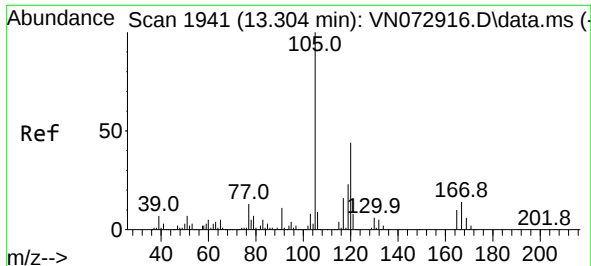
Tgt Ion: 91 Resp: 574944
Ion Ratio Lower Upper
91 100
120 22.4 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 74.342 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073165.D
Acq: 27 Jun 2022 16:27

Tgt Ion:105 Resp: 1304776
Ion Ratio Lower Upper
105 100
120 47.7 24.9 74.7

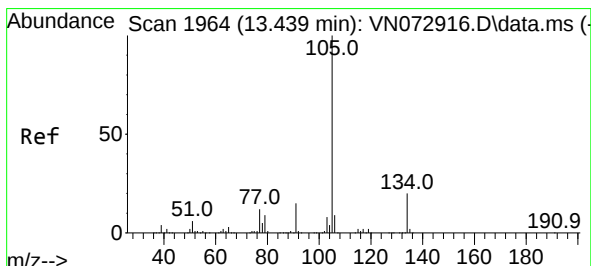
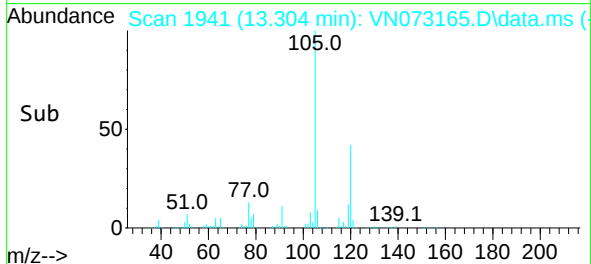
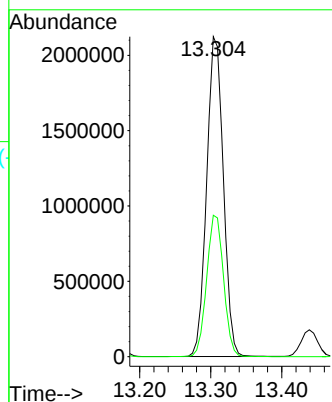
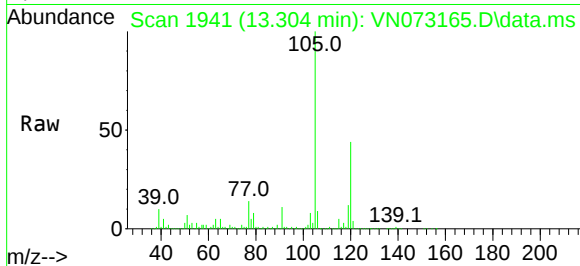




#84
1,2,4-Trimethylbenzene
Concen: 198.592 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VN073165.D
Acq: 27 Jun 2022 16:27

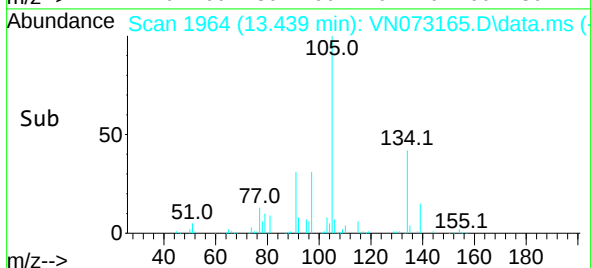
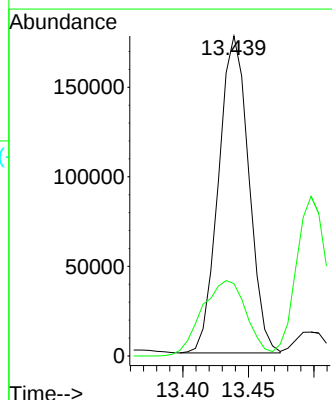
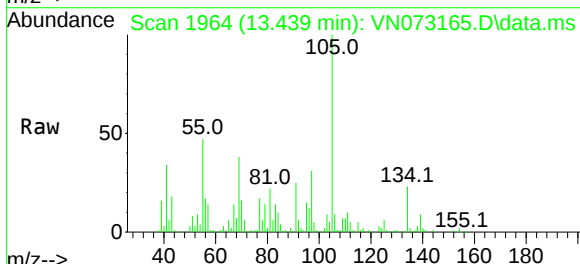
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-12

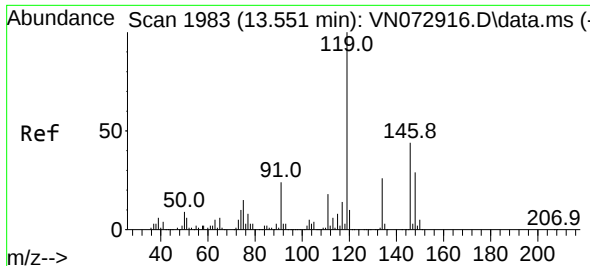
Tgt Ion:105 Resp: 3471613
Ion Ratio Lower Upper
105 100
120 44.8 23.3 69.8



#85
sec-Butylbenzene
Concen: 13.228 ug/l
RT: 13.439 min Scan# 1964
Delta R.T. -0.000 min
Lab File: VN073165.D
Acq: 27 Jun 2022 16:27

Tgt Ion:105 Resp: 283641
Ion Ratio Lower Upper
105 100
134 35.0 10.4 31.1#

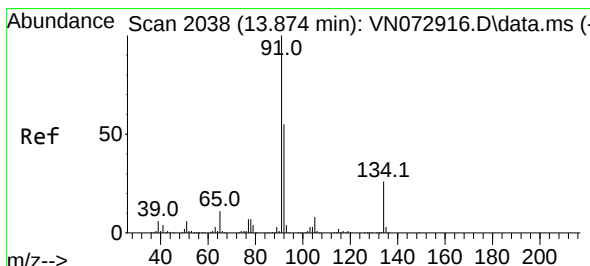
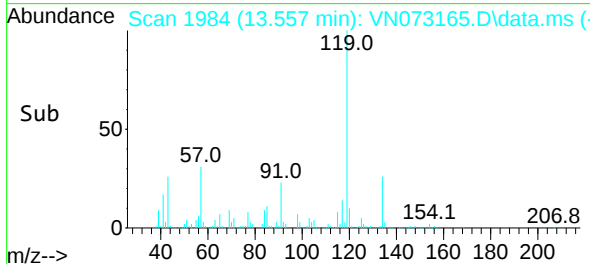
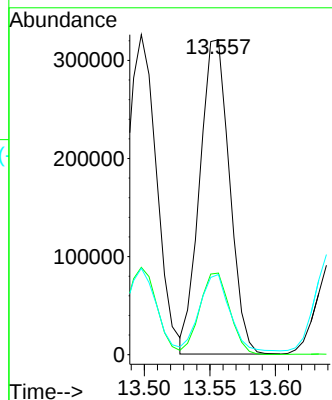
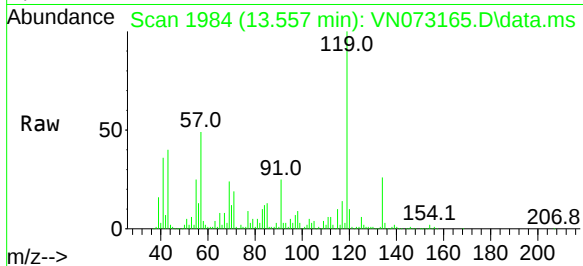




#86
p-Isopropyltoluene
Concen: 29.121 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.006 min
Lab File: VN073165.D
Acq: 27 Jun 2022 16:27

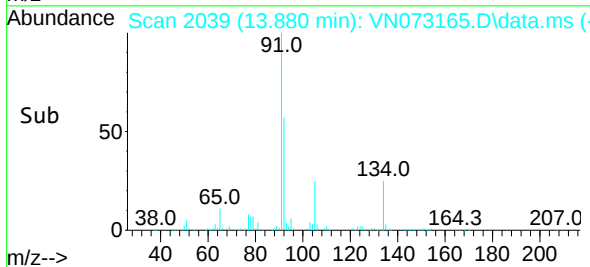
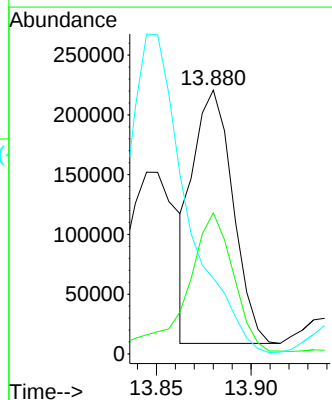
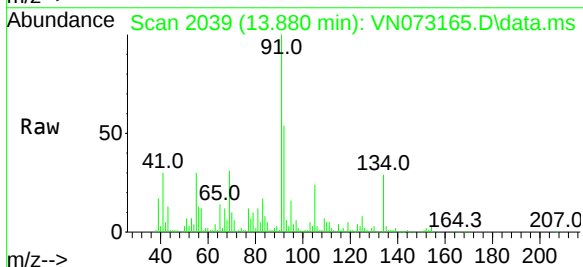
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-12

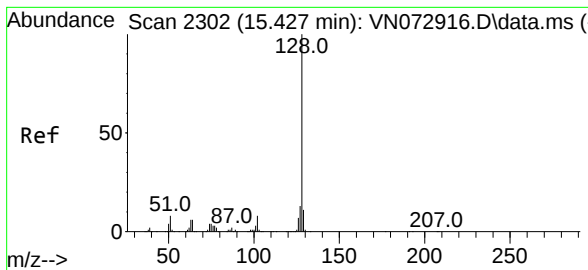
Tgt Ion:119 Resp: 505542
Ion Ratio Lower Upper
119 100
134 26.1 13.3 39.8
91 24.2 11.3 33.9



#89
n-Butylbenzene
Concen: 21.856 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN073165.D
Acq: 27 Jun 2022 16:27

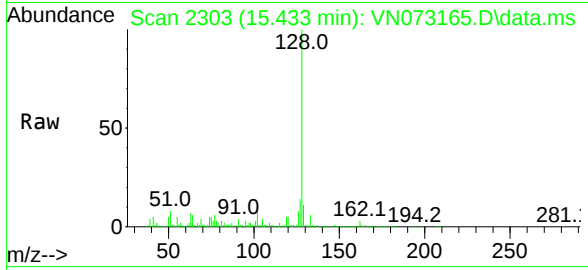
Tgt Ion: 91 Resp: 309821
Ion Ratio Lower Upper
91 100
92 63.5 26.9 80.7
134 0.0 13.6 40.8#





#95
Naphthalene
Concen: 123.762 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073165.D
Acq: 27 Jun 2022 16:27

Instrument :
MSVOA_N
ClientSampleId :
WC-14A-1A-12



Tgt Ion:128 Resp: 2640635

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.3	15.5
129	11.3	8.6	13.0

