

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070522\
 Data File : VN073321.D
 Acq On : 05 Jul 2022 17:36
 Operator : JC\MD
 Sample : N3564-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14B-11-2-GR

Quant Time: Jul 06 01:15:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

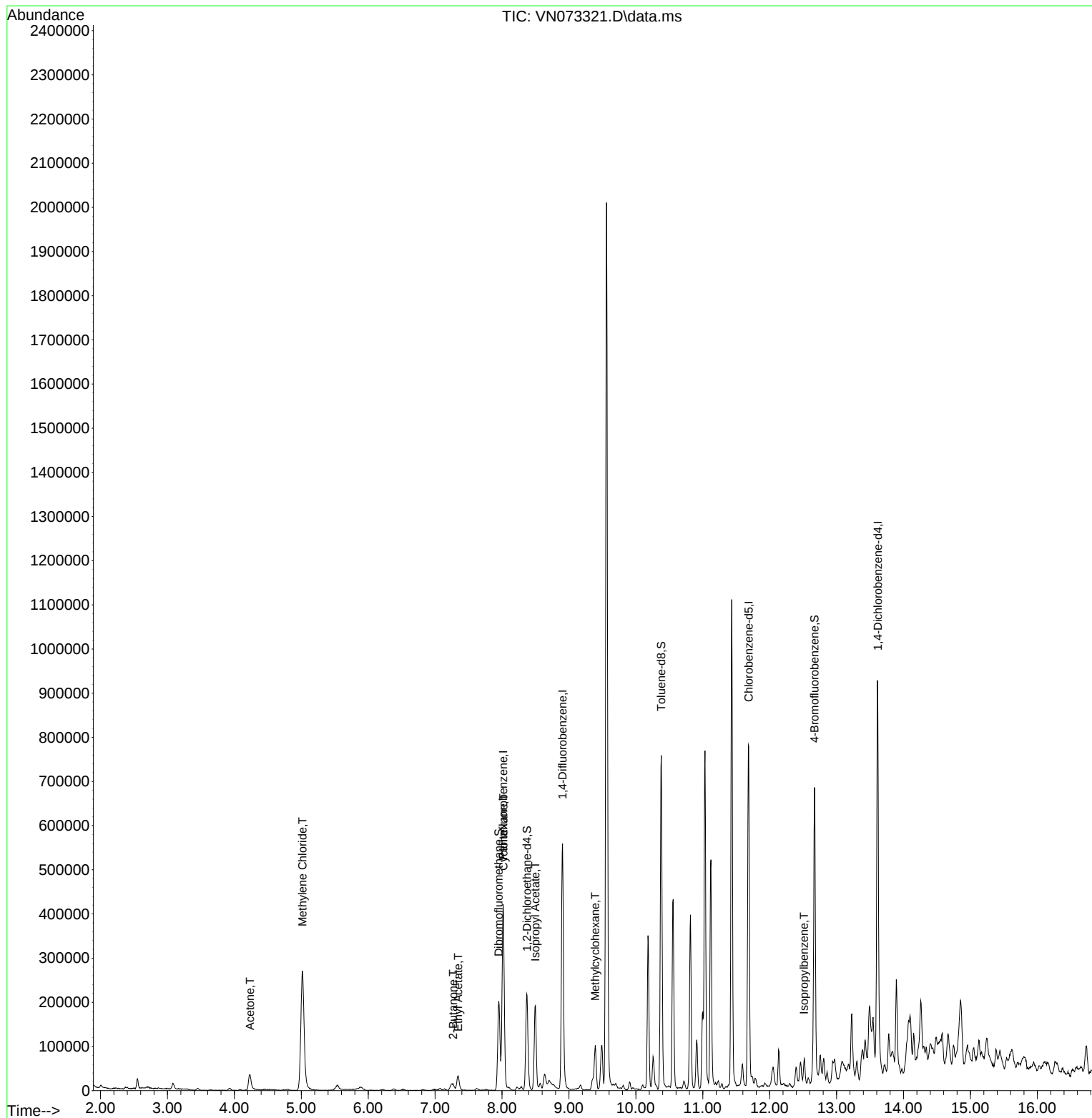
Internal Standards						
1) Pentafluorobenzene	8.016	168	283731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	479358	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	448087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	230745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	179238	43.760	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.520%
35) Dibromofluoromethane	7.951	113	151355	47.458	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.920%
50) Toluene-d8	10.381	98	505672	44.643	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.280%
62) 4-Bromofluorobenzene	12.669	95	230806	53.023	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.040%
Target Compounds						
					Qvalue	
16) Acetone	4.234	43	67563	29.386	ug/l	94
20) Methylene Chloride	5.016	84	219975	54.442	ug/l	88
25) 2-Butanone	7.269	43	19424	5.306	ug/l	97
31) Cyclohexane	8.022	56	31817	4.743	ug/l #	86
37) Ethyl Acetate	7.345	43	54574	7.360	ug/l	97
39) Methylcyclohexane	9.392	83	42005	6.875	ug/l	91
43) Isopropyl Acetate	8.498	43	214043	20.086	ug/l #	86
73) Isopropylbenzene	12.516	105	33618	1.687	ug/l	100

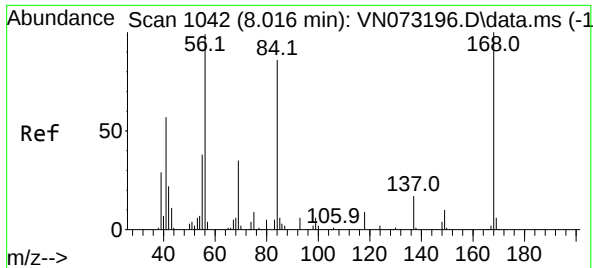
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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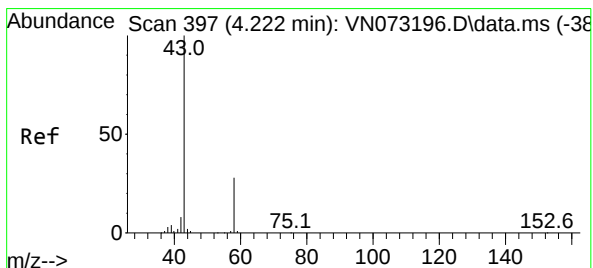
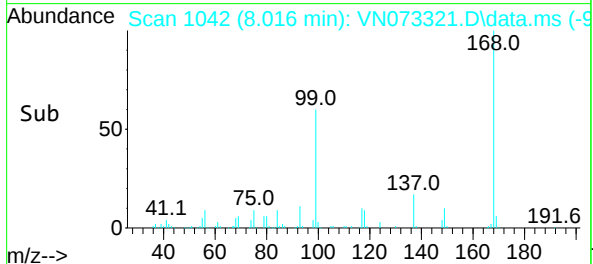
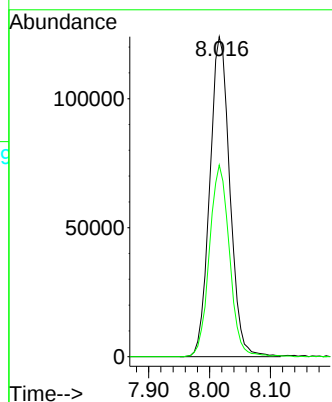
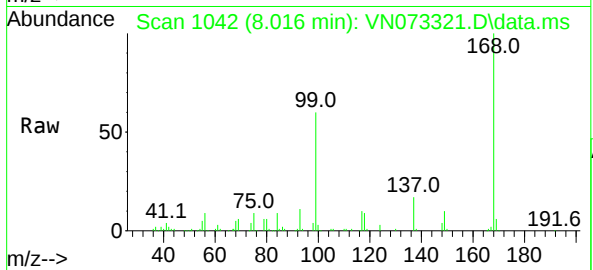




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073321.D
Acq: 05 Jul 2022 17:36

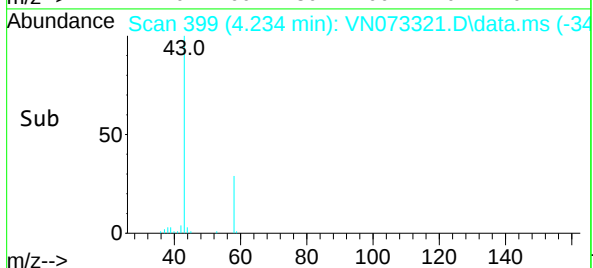
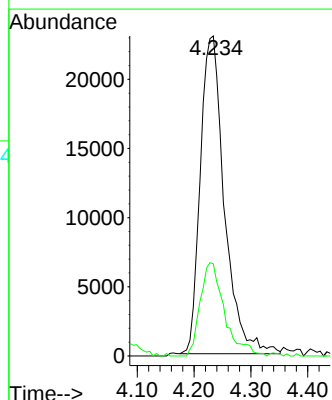
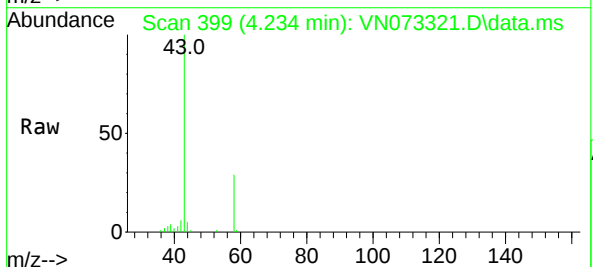
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-11-2-GR

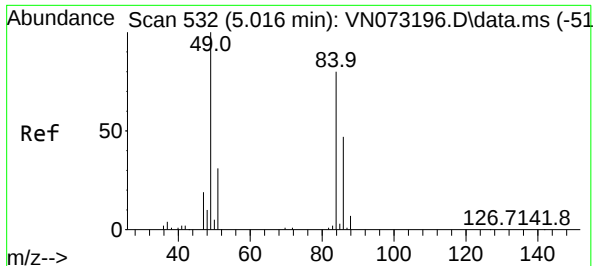
Tgt Ion:168 Resp: 283731
Ion Ratio Lower Upper
168 100
99 59.9 42.3 63.5



#16
Acetone
Concen: 29.386 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN073321.D
Acq: 05 Jul 2022 17:36

Tgt Ion: 43 Resp: 67563
Ion Ratio Lower Upper
43 100
58 29.0 26.0 39.0



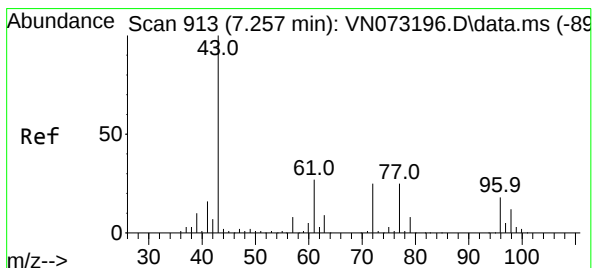
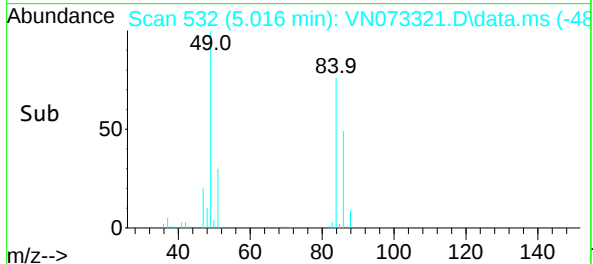
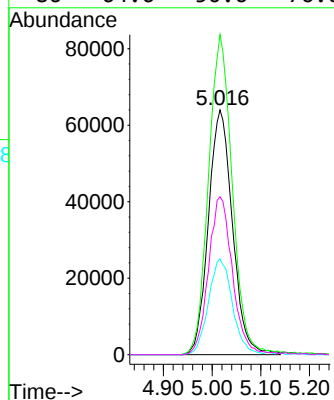
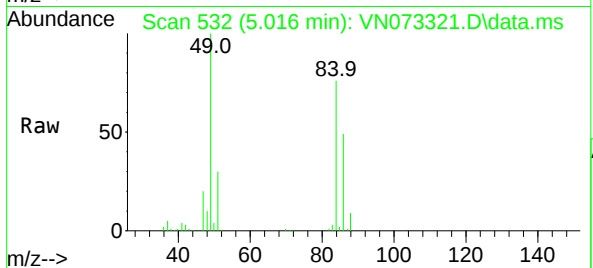


#20
Methylene Chloride
Concen: 54.442 ug/l
RT: 5.016 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN073321.D
Acq: 05 Jul 2022 17:36

Instrument :
MSVOA_N
ClientSampleId :
WC-14B-11-2-GR

Tgt Ion: 84 Resp: 219975

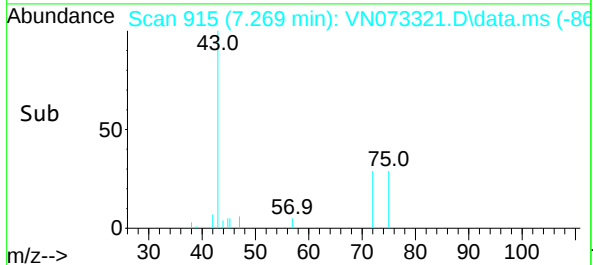
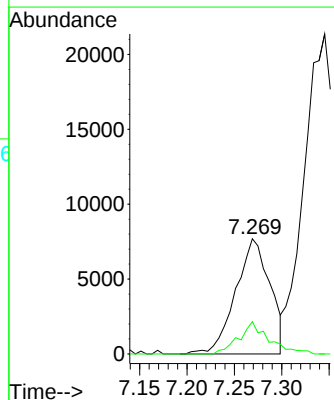
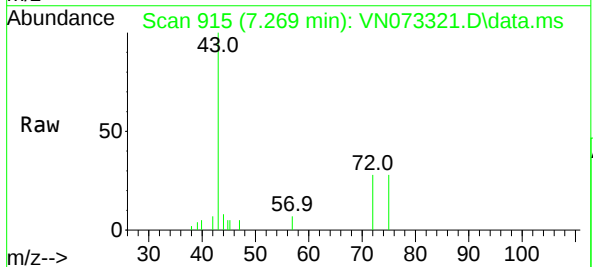
Ion	Ratio	Lower	Upper
84	100		
49	130.8	88.3	132.5
51	39.1	28.2	42.2
86	64.6	50.6	76.0

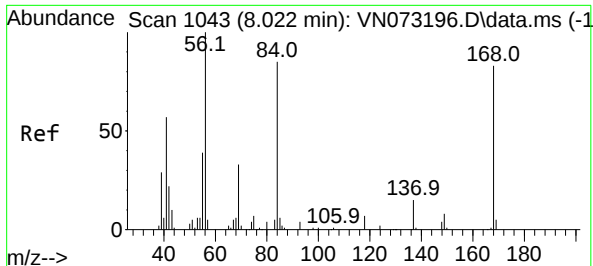


#25
2-Butanone
Concen: 5.306 ug/l
RT: 7.269 min Scan# 915
Delta R.T. 0.012 min
Lab File: VN073321.D
Acq: 05 Jul 2022 17:36

Tgt Ion: 43 Resp: 19424

Ion	Ratio	Lower	Upper
43	100		
72	28.1	23.7	35.5





#31

Cyclohexane

Concen: 4.743 ug/l

RT: 8.022 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VN073321.D

Acq: 05 Jul 2022 17:36

Instrument :

MSVOA_N

ClientSampleId :

WC-14B-11-2-GR

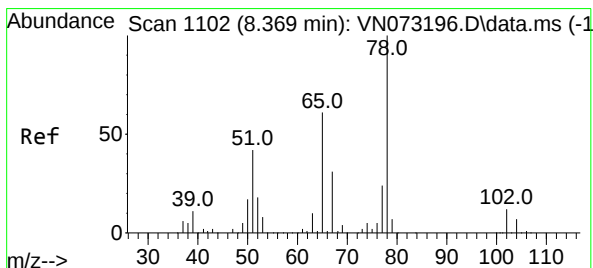
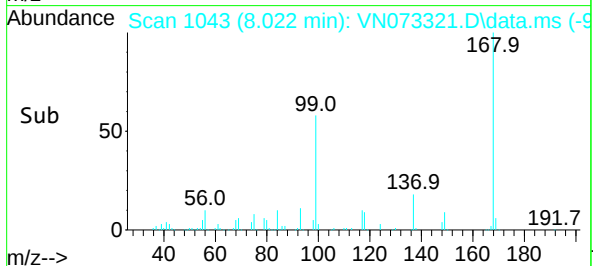
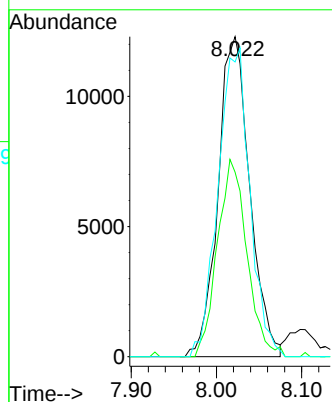
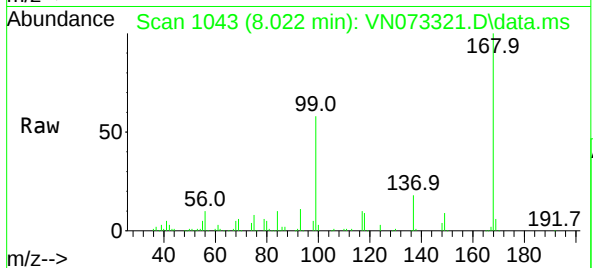
Tgt Ion: 56 Resp: 31817

Ion Ratio Lower Upper

56 100

69 57.7 27.8 41.8#

84 92.1 76.9 115.3



#33

1,2-Dichloroethane-d4

Concen: 43.760 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN073321.D

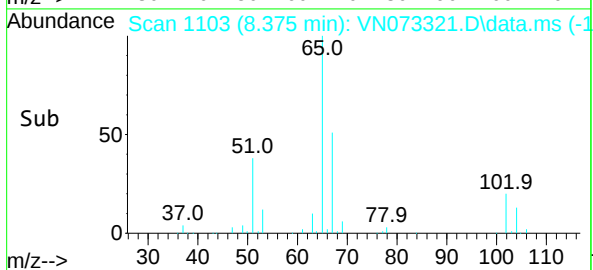
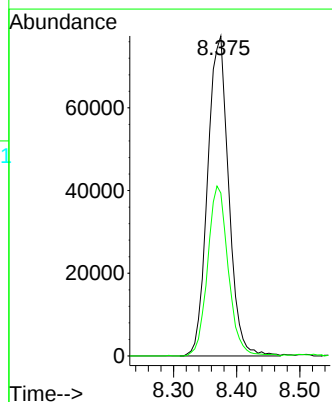
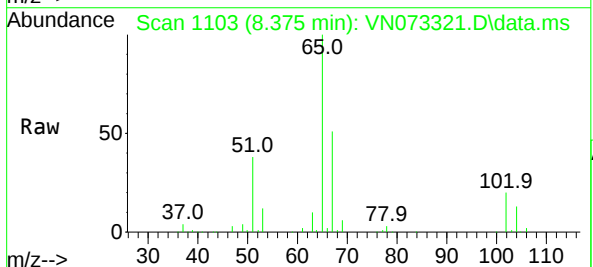
Acq: 05 Jul 2022 17:36

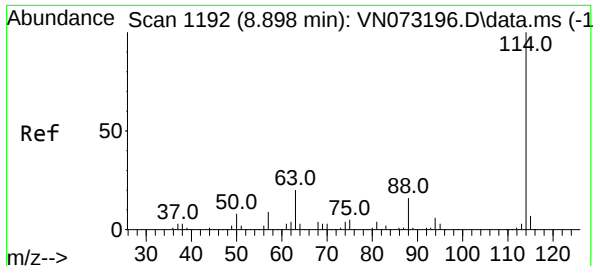
Tgt Ion: 65 Resp: 179238

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073321.D

Acq: 05 Jul 2022 17:36

Instrument :

MSVOA_N

ClientSampleId :

WC-14B-11-2-GR

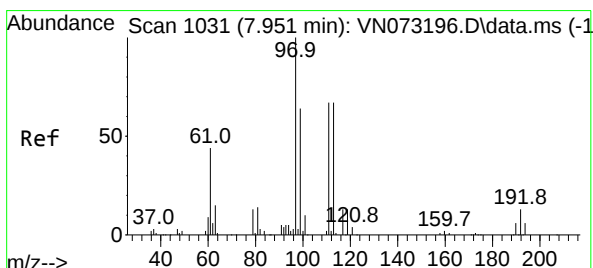
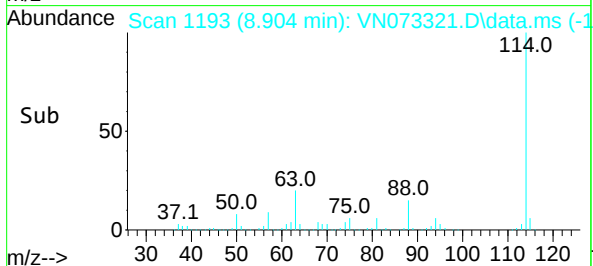
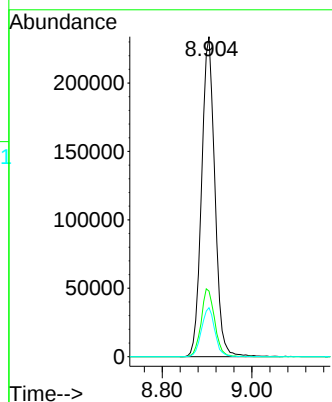
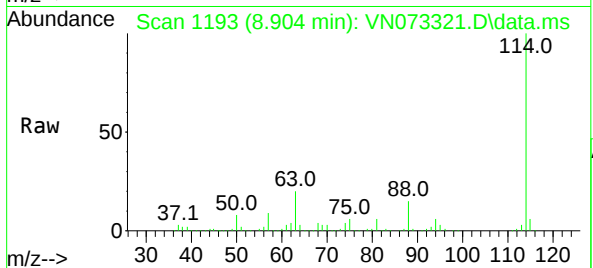
Tgt Ion:114 Resp: 479358

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.0

88 15.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.458 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073321.D

Acq: 05 Jul 2022 17:36

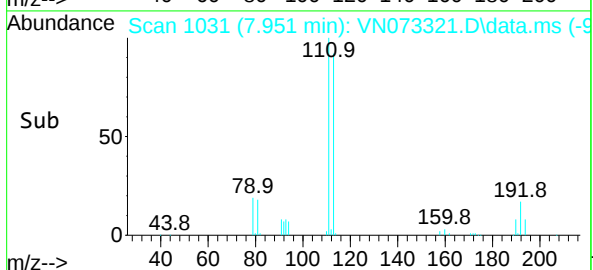
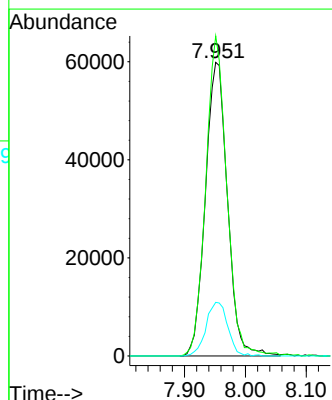
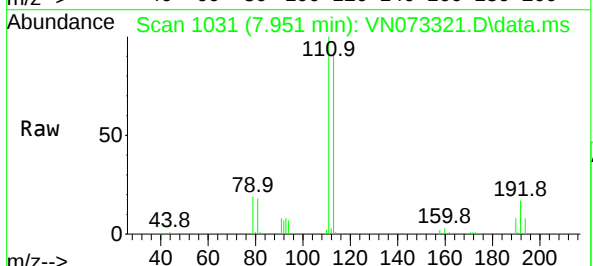
Tgt Ion:113 Resp: 151355

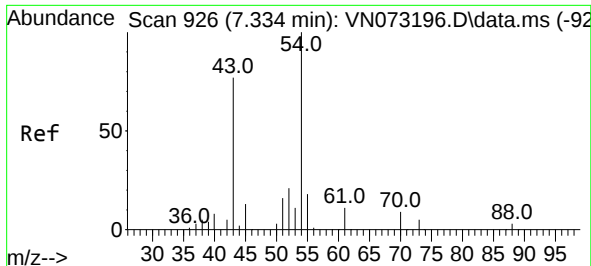
Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.0

192 18.0 17.0 25.6

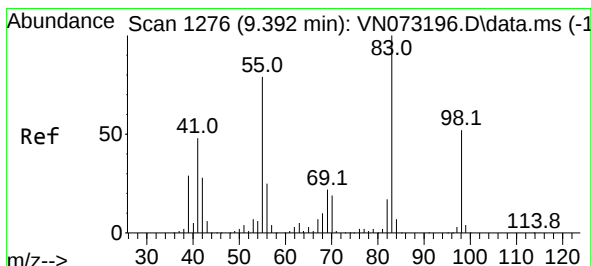
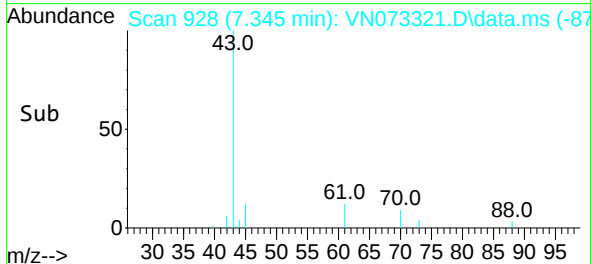
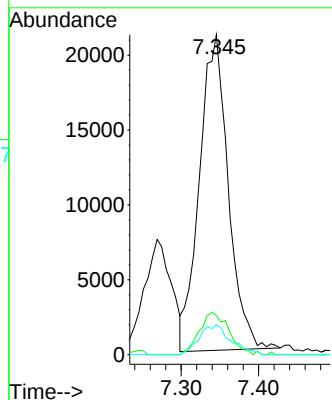
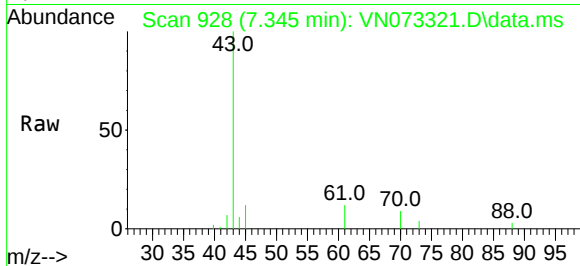




#37
Ethyl Acetate
Concen: 7.360 ug/l
RT: 7.345 min Scan# 91
Delta R.T. 0.011 min
Lab File: VN073321.D
Acq: 05 Jul 2022 17:36

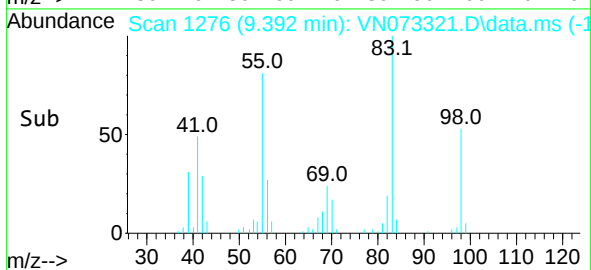
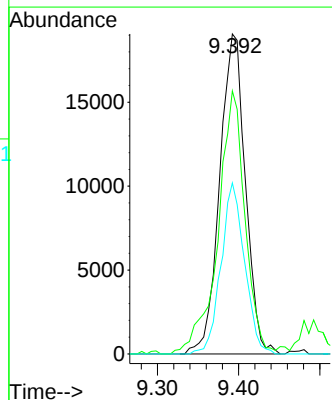
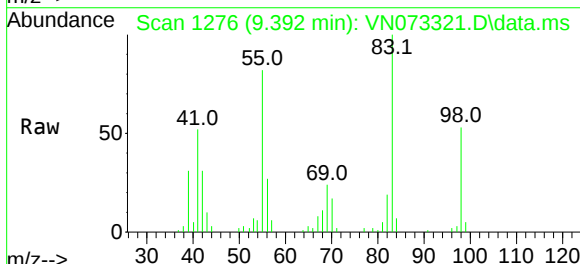
Instrument :
MSVOA_N
ClientSampleId :
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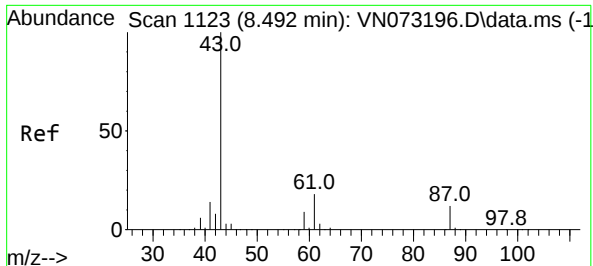
Tgt Ion:	43	Resp:	54574
Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.8	17.6
70	10.3	9.3	13.9



#39
Methylcyclohexane
Concen: 6.875 ug/l
RT: 9.392 min Scan# 1276
Delta R.T. 0.000 min
Lab File: VN073321.D
Acq: 05 Jul 2022 17:36

Tgt Ion:	83	Resp:	42005
Ion	Ratio	Lower	Upper
83	100		
55	80.8	57.8	86.8
98	53.5	39.4	59.2





#43

Isopropyl Acetate

Concen: 20.086 ug/l

RT: 8.498 min Scan# 1123

Delta R.T. 0.006 min

Lab File: VN073321.D

Acq: 05 Jul 2022 17:36

Instrument :

MSVOA_N

ClientSampleId :

WC-14B-11-2-GR

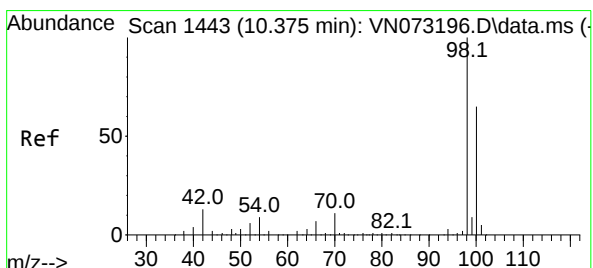
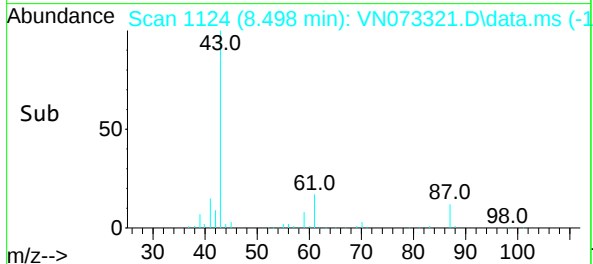
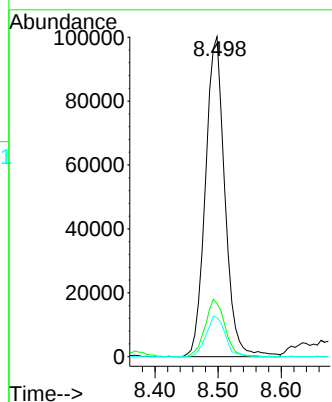
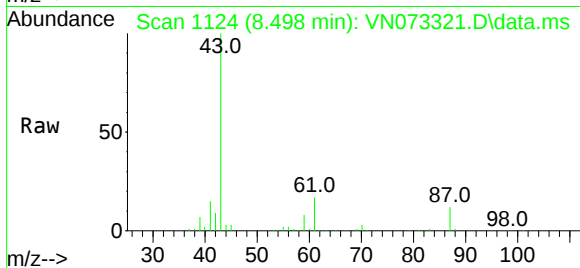
Tgt Ion: 43 Resp: 214043

Ion Ratio Lower Upper

43 100

61 18.2 21.9 32.9#

87 12.4 12.0 18.0



#50

Toluene-d8

Concen: 44.643 ug/l

RT: 10.381 min Scan# 1444

Delta R.T. 0.005 min

Lab File: VN073321.D

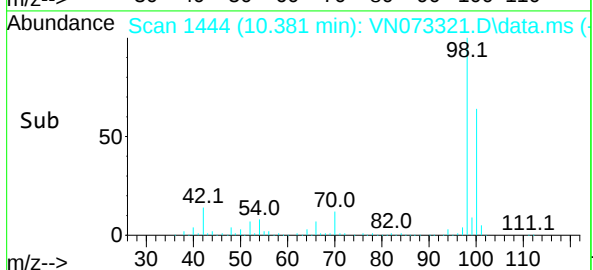
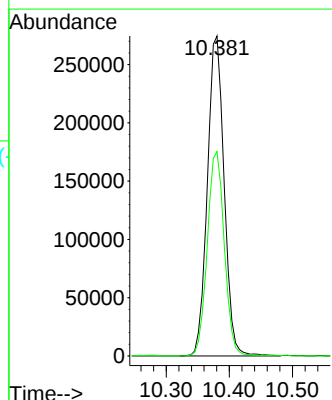
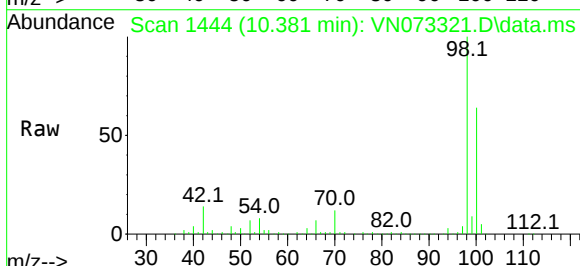
Acq: 05 Jul 2022 17:36

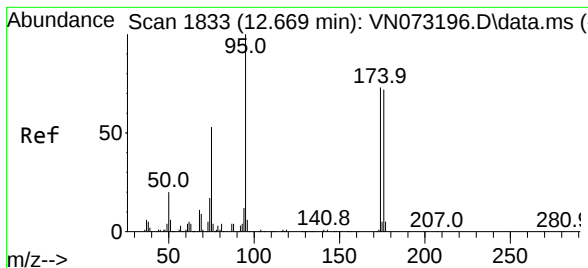
Tgt Ion: 98 Resp: 505672

Ion Ratio Lower Upper

98 100

100 64.9 52.6 78.8

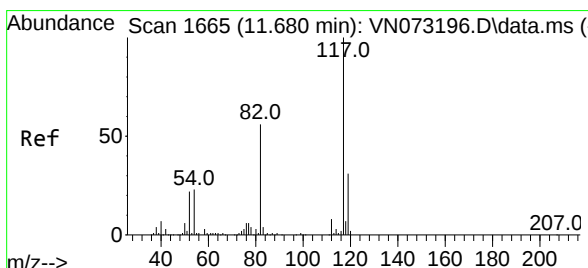
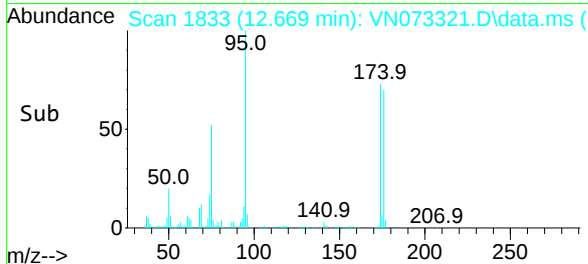
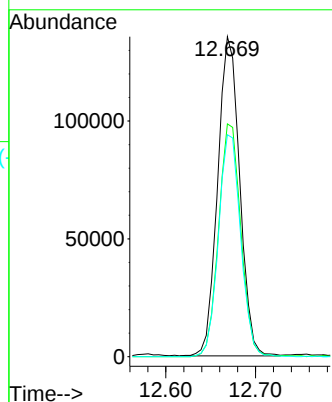
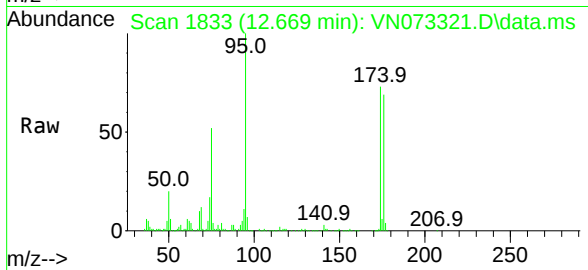




#62
4-Bromofluorobenzene
Concen: 53.023 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073321.D
Acq: 05 Jul 2022 17:36

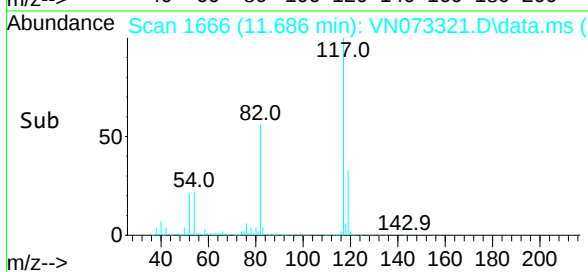
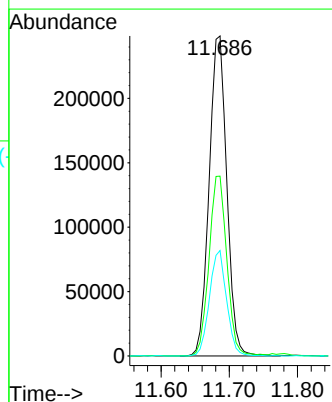
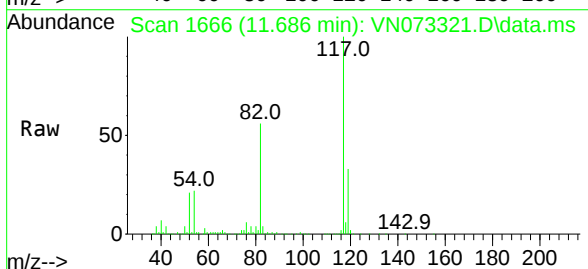
Instrument :
MSVOA_N
ClientSampleId :
WC-14B-11-2-GR

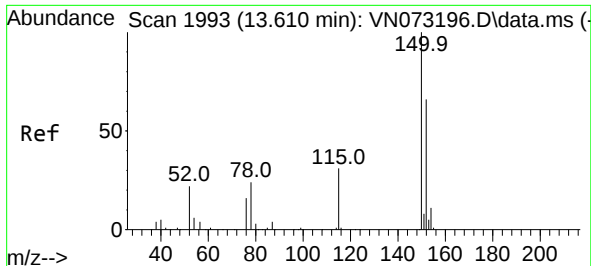
Tgt Ion: 95 Resp: 230806
Ion Ratio Lower Upper
95 100
174 73.5 0.0 167.6
176 70.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073321.D
Acq: 05 Jul 2022 17:36

Tgt Ion: 117 Resp: 448087
Ion Ratio Lower Upper
117 100
82 56.2 44.2 66.2
119 32.9 25.4 38.0

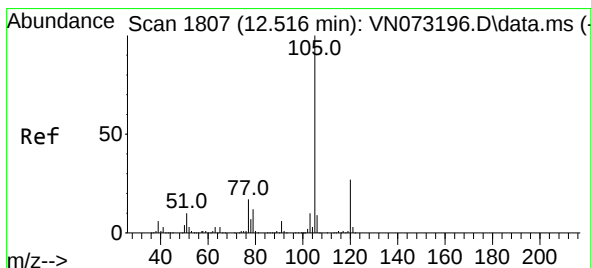
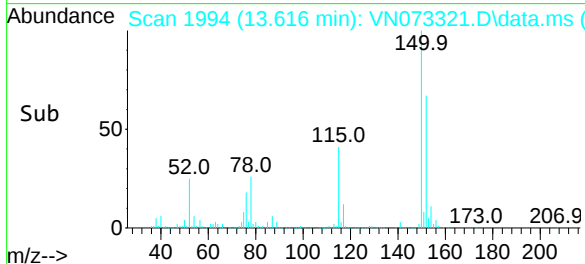
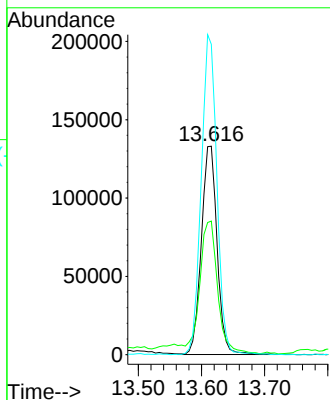
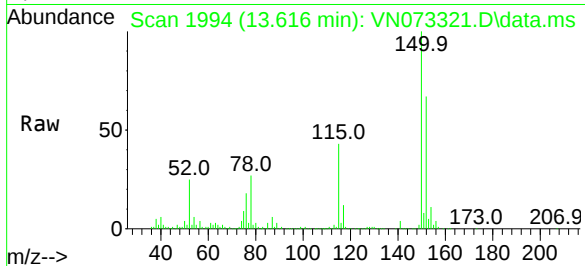




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VN073321.D
Acq: 05 Jul 2022 17:36

Instrument :
MSVOA_N
ClientSampleId :
WC-14B-11-2-GR

Tgt Ion:152 Resp: 230745
Ion Ratio Lower Upper
152 100
115 71.9 28.9 86.7
150 152.7 0.0 356.2



#73
Isopropylbenzene
Concen: 1.687 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN073321.D
Acq: 05 Jul 2022 17:36

Tgt Ion:105 Resp: 33618
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4

