

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062422\
 Data File : VN073093.D
 Acq On : 24 Jun 2022 19:25
 Operator : JC\MD
 Sample : N3455-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Jun 24 23:41:10 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)

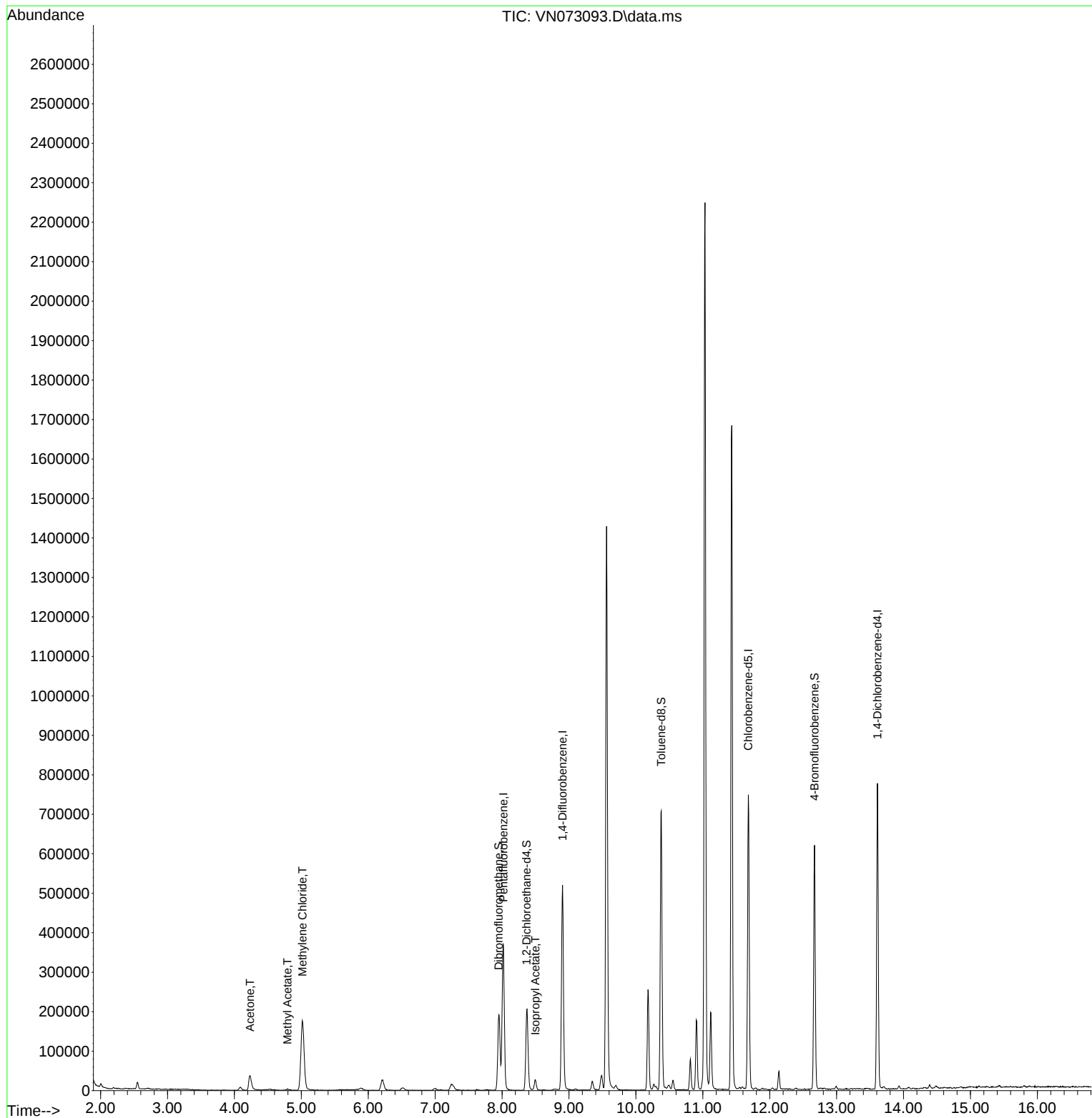
Internal Standards						
1) Pentafluorobenzene	8.022	168	281581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	457838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	423784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	209304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	171171	44.963	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.920%
35) Dibromofluoromethane	7.951	113	145665	51.474	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.940%
50) Toluene-d8	10.380	98	484156	45.979	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.960%
62) 4-Bromofluorobenzene	12.669	95	208554	55.079	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.160%
Target Compounds						
					Qvalue	
16) Acetone	4.234	43	70336	33.611	ug/l	90
18) Methyl Acetate	4.793	43	6251	1.122	ug/l #	85
20) Methylene Chloride	5.016	84	145643	44.845	ug/l	90
43) Isopropyl Acetate	8.498	43	31348	3.581	ug/l #	86

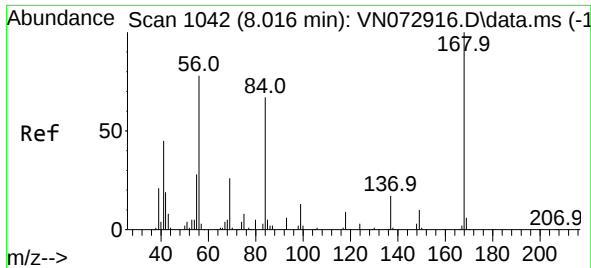
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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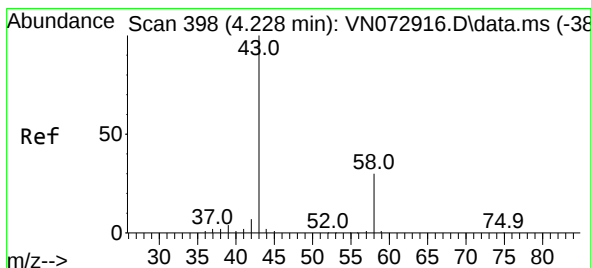
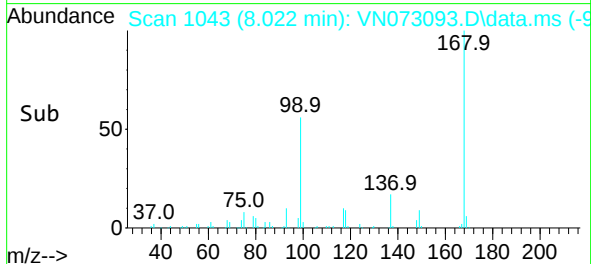
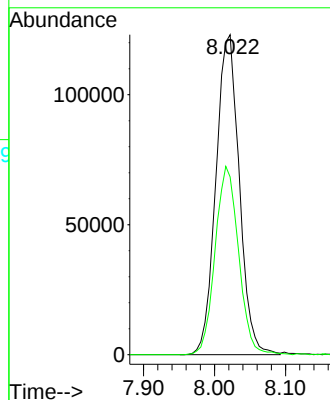
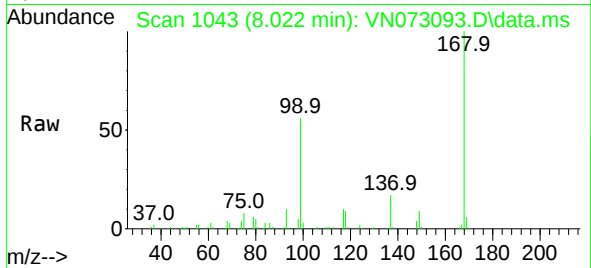




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN073093.D
Acq: 24 Jun 2022 19:25

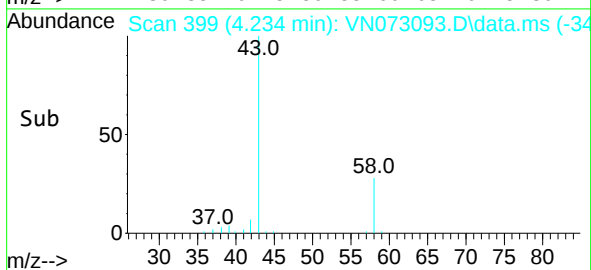
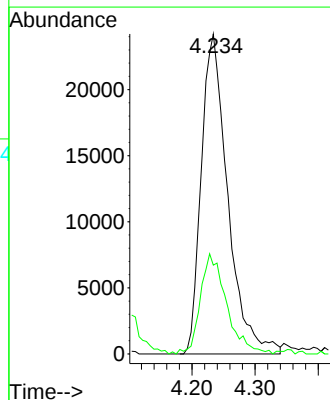
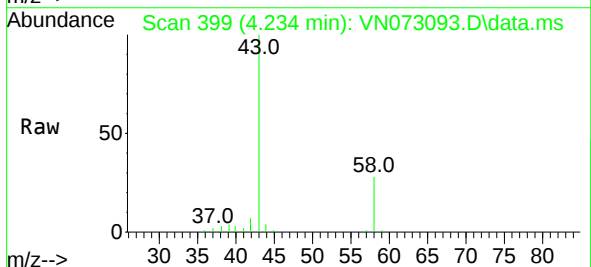
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3

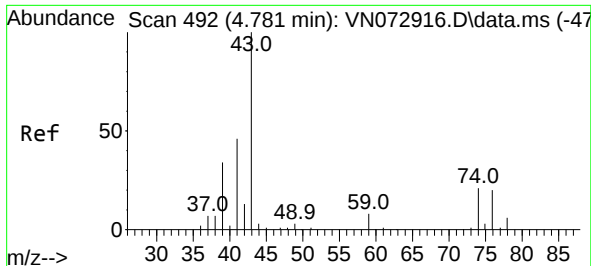
Tgt Ion:168 Resp: 281581
Ion Ratio Lower Upper
168 100
99 55.5 42.3 63.5



#16
Acetone
Concen: 33.611 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.006 min
Lab File: VN073093.D
Acq: 24 Jun 2022 19:25

Tgt Ion: 43 Resp: 70336
Ion Ratio Lower Upper
43 100
58 26.9 26.0 39.0

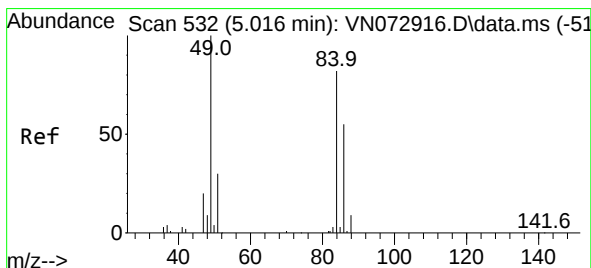
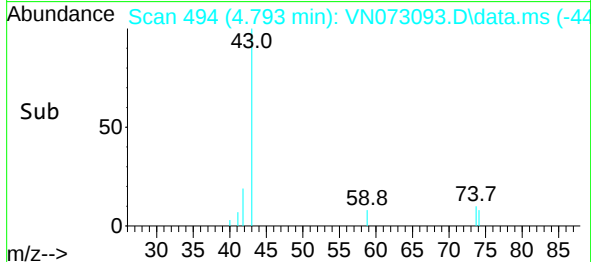
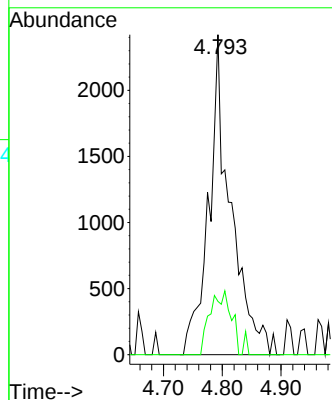
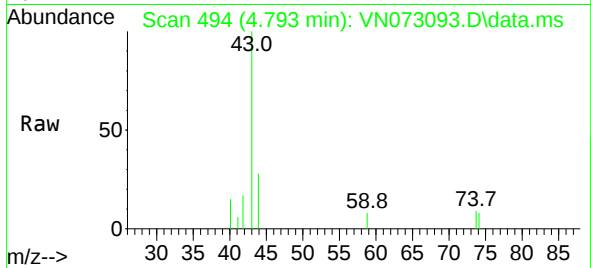




#18
Methyl Acetate
Concen: 1.122 ug/l
RT: 4.793 min Scan# 492
Delta R.T. 0.012 min
Lab File: VN073093.D
Acq: 24 Jun 2022 19:25

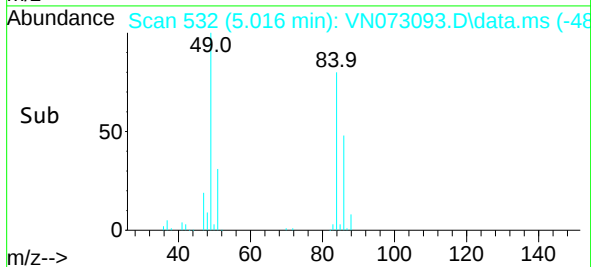
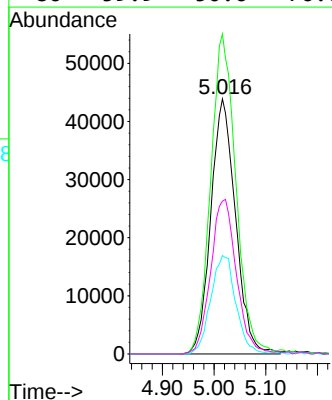
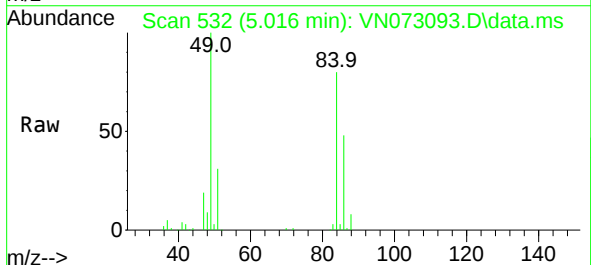
Instrument :
MSVOA_N
ClientSampleId :
SP-EXC-2-3

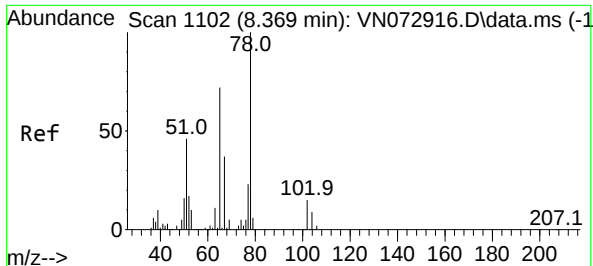
Tgt Ion: 43 Resp: 6251
Ion Ratio Lower Upper
43 100
74 19.2 21.6 32.4#



#20
Methylene Chloride
Concen: 44.845 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.000 min
Lab File: VN073093.D
Acq: 24 Jun 2022 19:25

Tgt Ion: 84 Resp: 145643
Ion Ratio Lower Upper
84 100
49 125.4 88.3 132.5
51 38.6 28.2 42.2
86 59.9 50.6 76.0





#33

1,2-Dichloroethane-d4

Concen: 44.963 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073093.D

Acq: 24 Jun 2022 19:25

Instrument :

MSVOA_N

ClientSampleId :

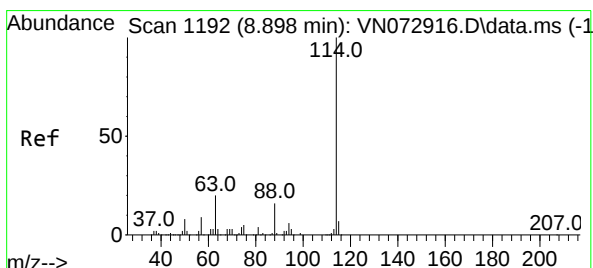
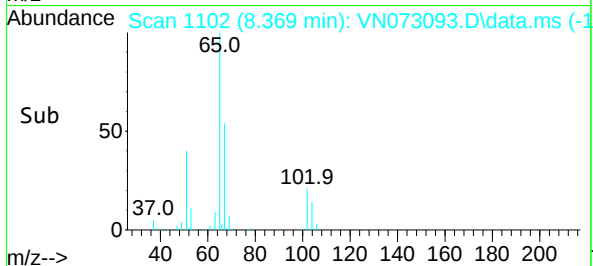
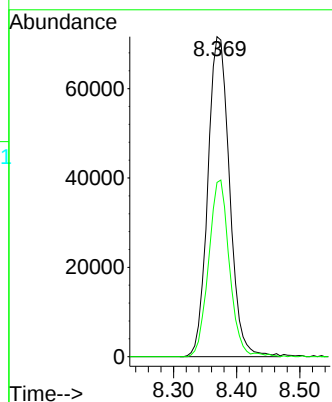
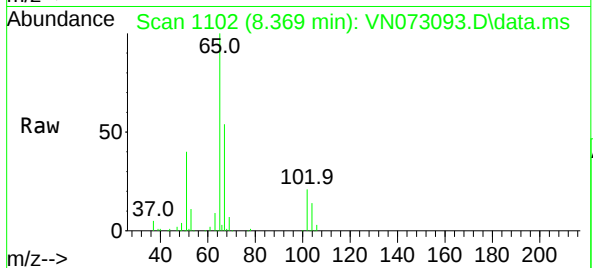
SP-EXC-2-3

Tgt Ion: 65 Resp: 171171

Ion Ratio Lower Upper

65 100

67 53.0 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: VN073093.D

Acq: 24 Jun 2022 19:25

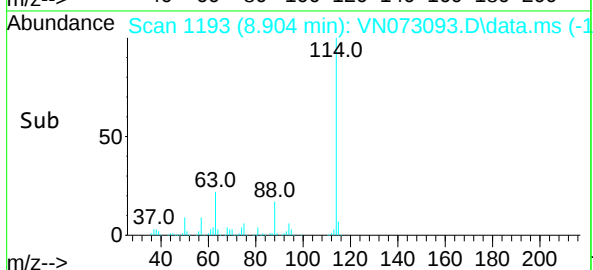
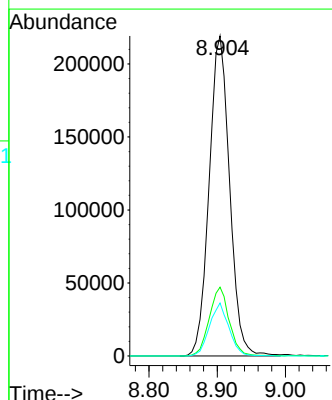
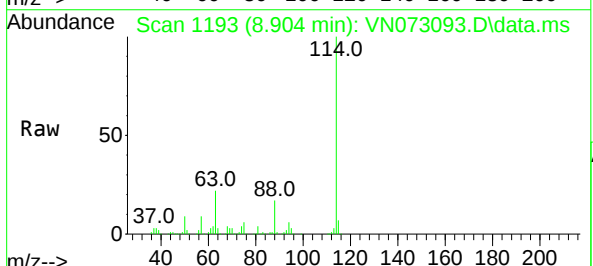
Tgt Ion: 114 Resp: 457838

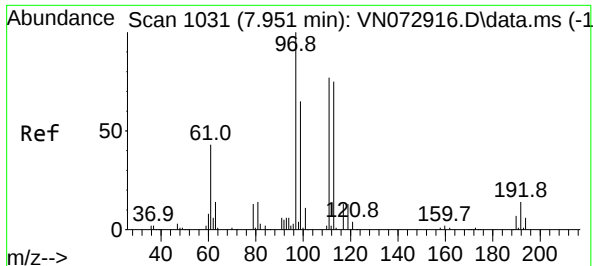
Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.0

88 16.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.474 ug/l

RT: 7.951 min Scan# 110

Delta R.T. 0.000 min

Lab File: VN073093.D

Acq: 24 Jun 2022 19:25

Instrument :

MSVOA_N

ClientSampleId :

SP-EXC-2-3

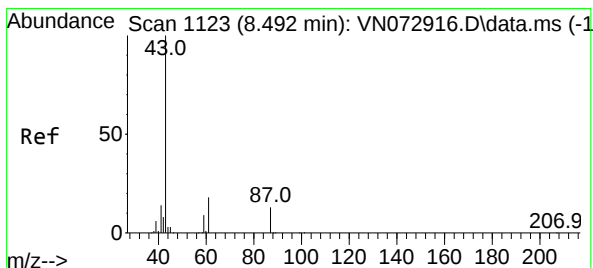
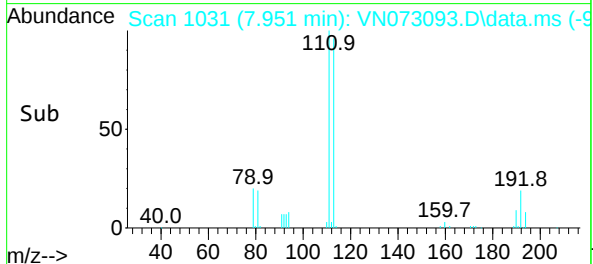
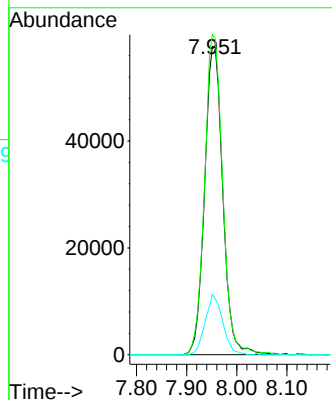
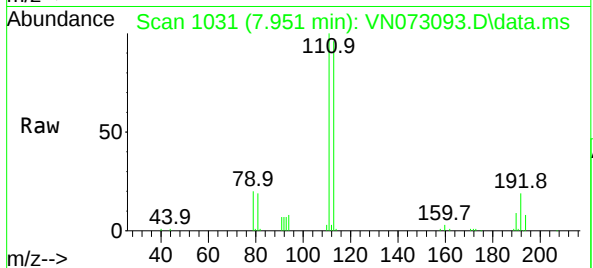
Tgt Ion:113 Resp: 145665

Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.0

192 18.7 17.0 25.6



#43

Isopropyl Acetate

Concen: 3.581 ug/l

RT: 8.498 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN073093.D

Acq: 24 Jun 2022 19:25

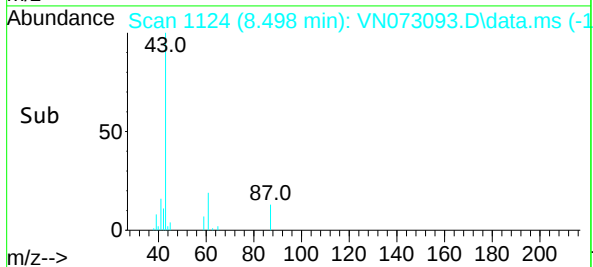
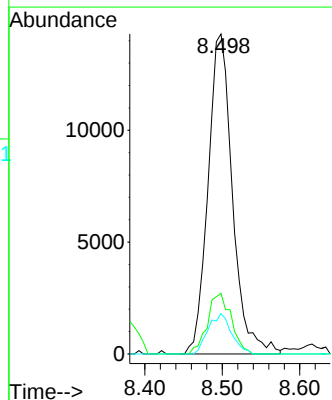
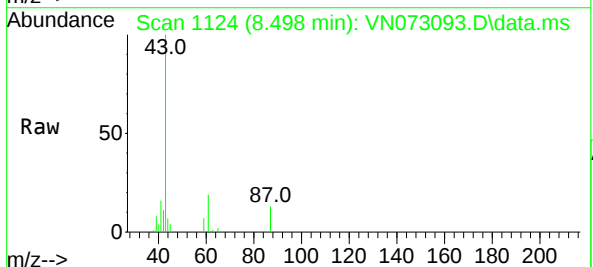
Tgt Ion: 43 Resp: 31348

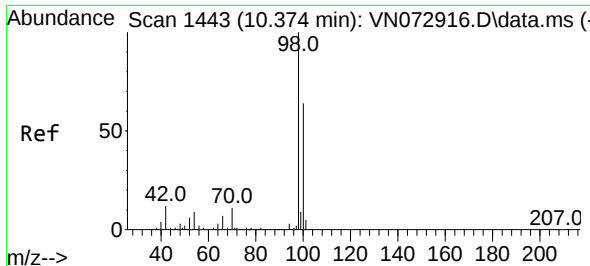
Ion Ratio Lower Upper

43 100

61 18.5 21.9 32.9#

87 12.0 12.0 18.0#

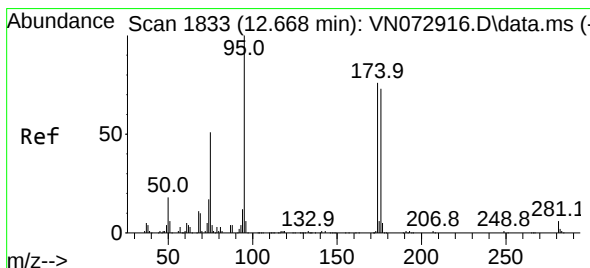
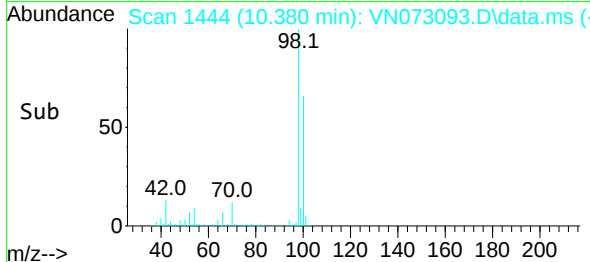
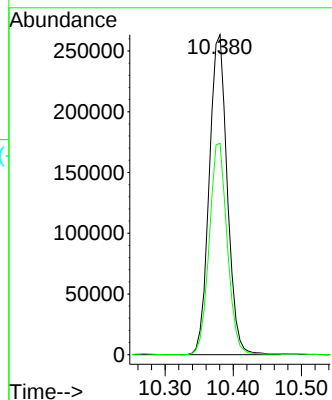
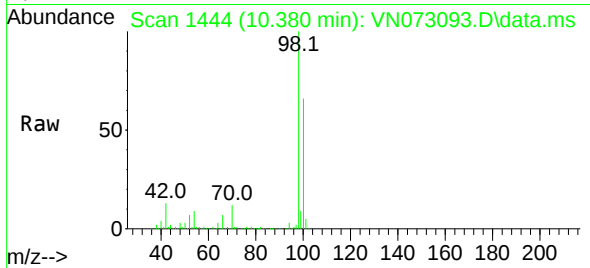




#50
Toluene-d8
Concen: 45.979 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073093.D
Acq: 24 Jun 2022 19:25

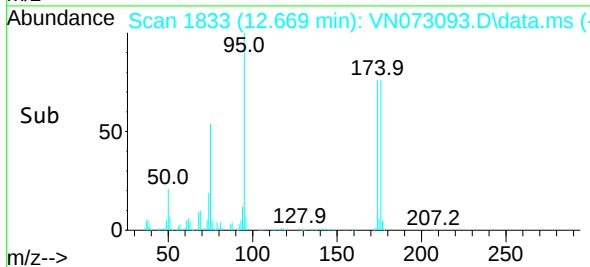
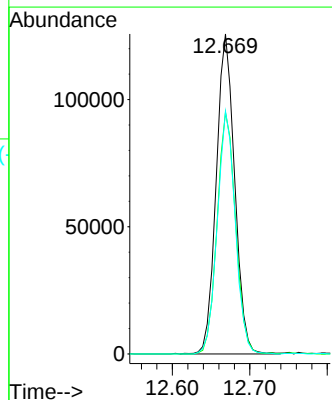
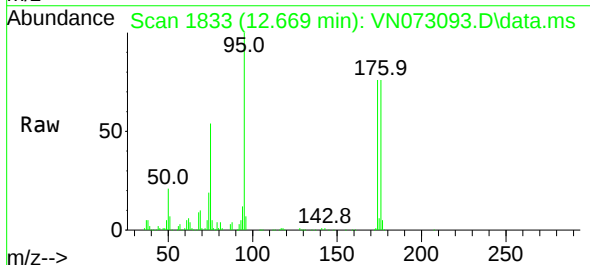
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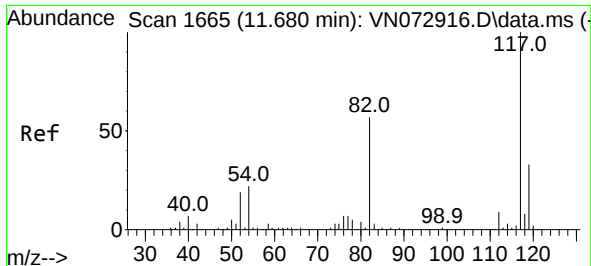
Tgt Ion: 98 Resp: 484156
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 55.079 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073093.D
Acq: 24 Jun 2022 19:25

Tgt Ion: 95 Resp: 208554
Ion Ratio Lower Upper
95 100
174 75.4 0.0 167.6
176 74.0 0.0 163.4

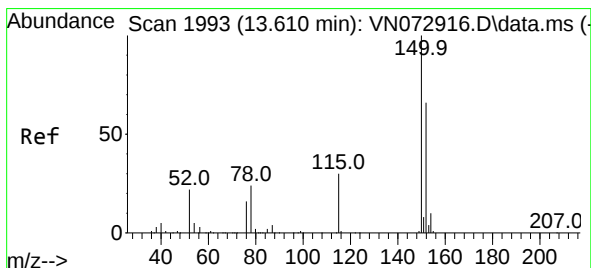
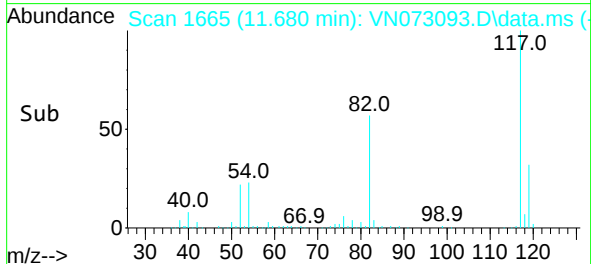
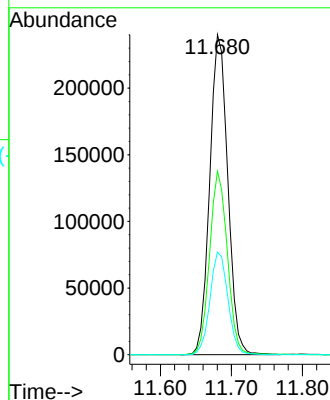
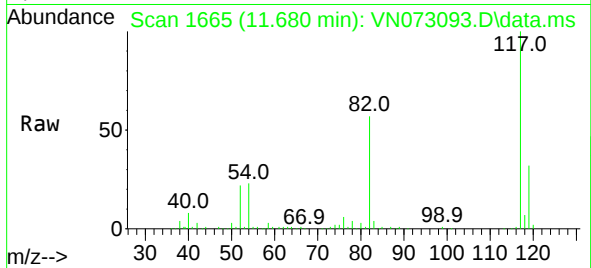




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073093.D
Acq: 24 Jun 2022 19:25

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

Tgt Ion:117 Resp: 423784
Ion Ratio Lower Upper
117 100
82 57.3 44.2 66.2
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN073093.D
Acq: 24 Jun 2022 19:25

Tgt Ion:152 Resp: 209304
Ion Ratio Lower Upper
152 100
115 58.6 28.9 86.7
150 156.1 0.0 356.2

