

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032122\
 Data File : VN071449.D
 Acq On : 22 Mar 2022 04:32
 Operator : JC\MD
 Sample : N2017-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TWP-3

Quant Time: Mar 22 06:32:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

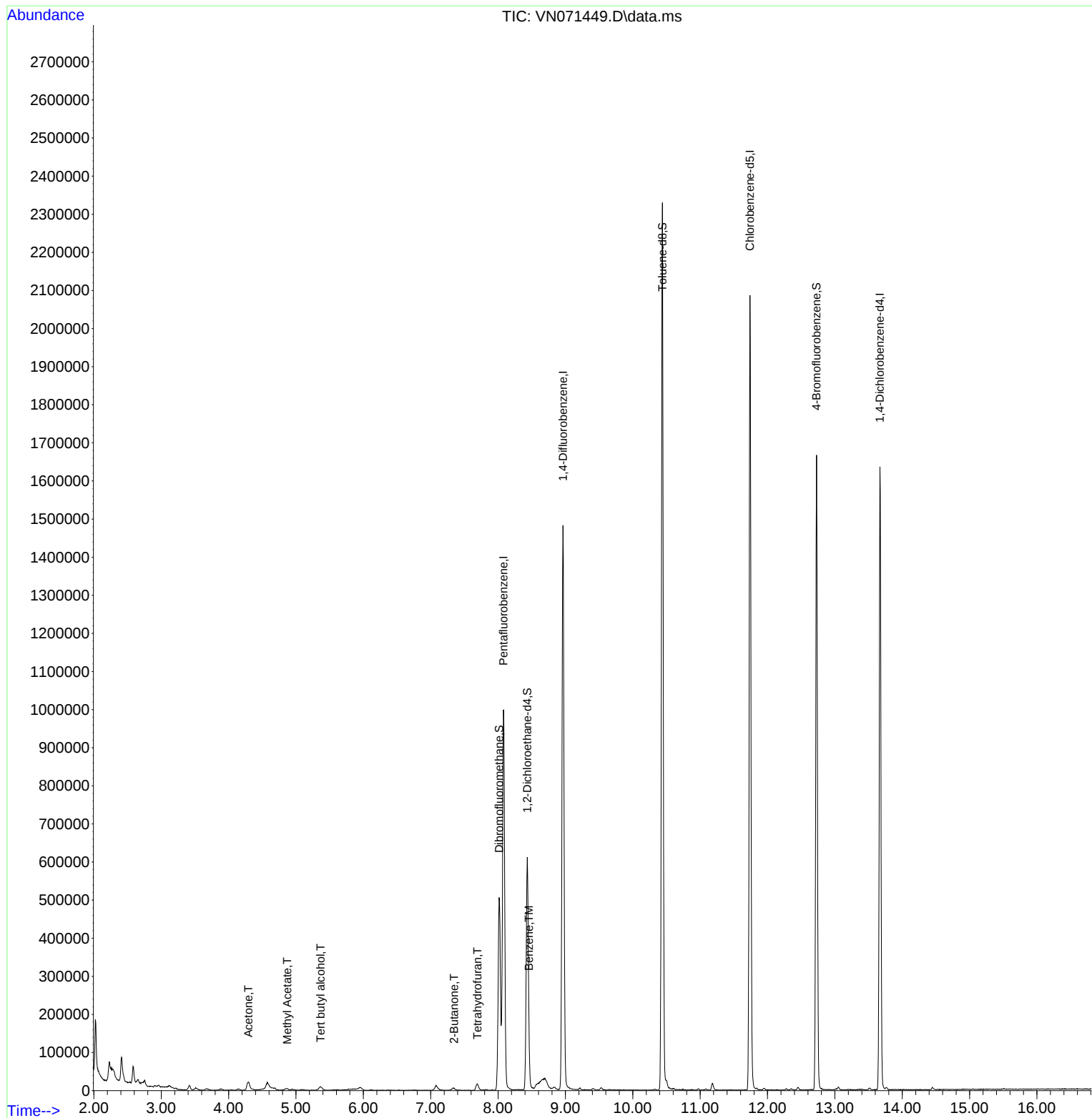
Internal Standards						
1) Pentafluorobenzene	8.081	168	759769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1286092	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1199996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	441209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	498955	47.917	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.840%
35) Dibromofluoromethane	8.016	113	373308	45.998	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.000%
50) Toluene-d8	10.439	98	1566034	47.926	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.860%
62) 4-Bromofluorobenzene	12.727	95	577425	52.185	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.360%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.363	59	17074	8.347	ug/l	95
16) Acetone	4.293	43	40229	7.940	ug/l	100
18) Methyl Acetate	4.869	43	11304	1.293	ug/l #	76
25) 2-Butanone	7.345	43	10806	1.324	ug/l #	88
29) Tetrahydrofuran	7.692	42	15361	2.717	ug/l #	85
40) Benzene	8.457	78	15527	0.396	ug/l	99

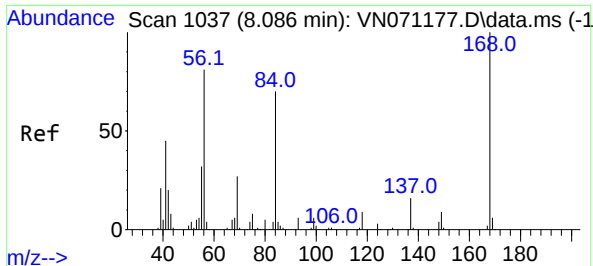
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032122\
Data File : VN071449.D
Acq On : 22 Mar 2022 04:32
Operator : JC\MD
Sample : N2017-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TWP-3

Quant Time: Mar 22 06:32:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 06:52:46 2022
Response via : Initial Calibration

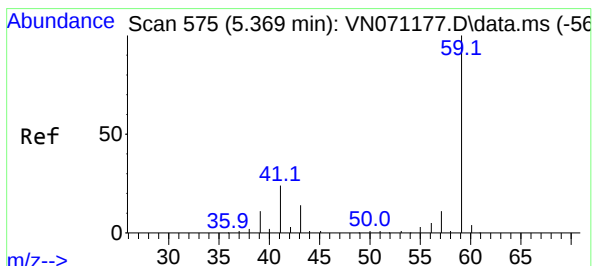
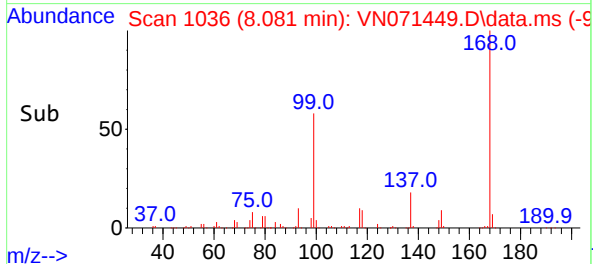
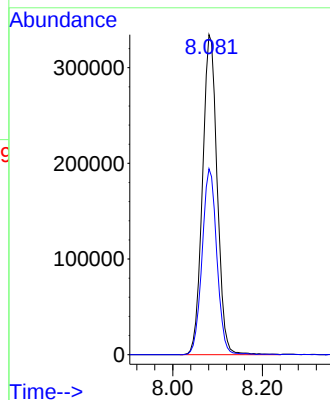
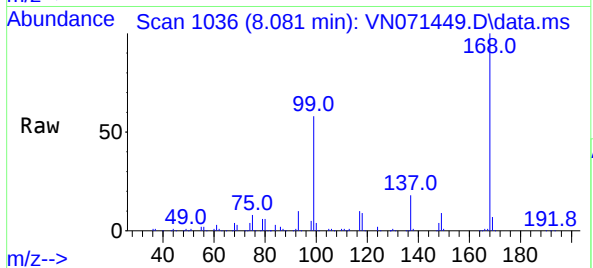




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VN071449.D
Acq: 22 Mar 2022 04:32

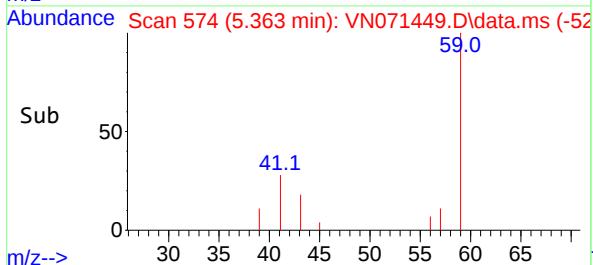
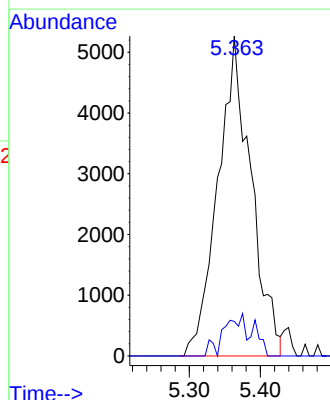
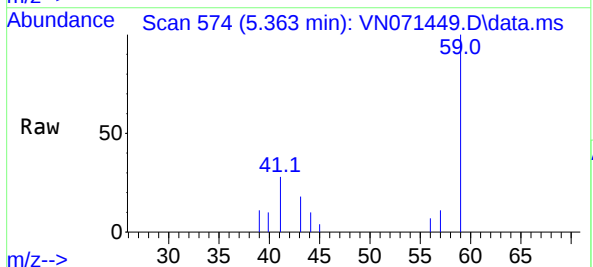
Instrument :
MSVOA_N
ClientSampleId :
TWP-3

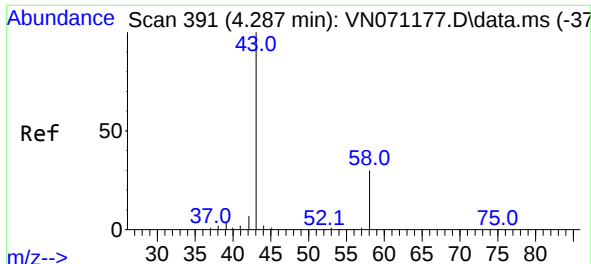
Tgt Ion:168 Resp: 759769
Ion Ratio Lower Upper
168 100
99 58.1 41.3 61.9



#11
Tert butyl alcohol
Concen: 8.347 ug/l
RT: 5.363 min Scan# 574
Delta R.T. -0.006 min
Lab File: VN071449.D
Acq: 22 Mar 2022 04:32

Tgt Ion: 59 Resp: 17074
Ion Ratio Lower Upper
59 100
57 8.9 8.7 13.1

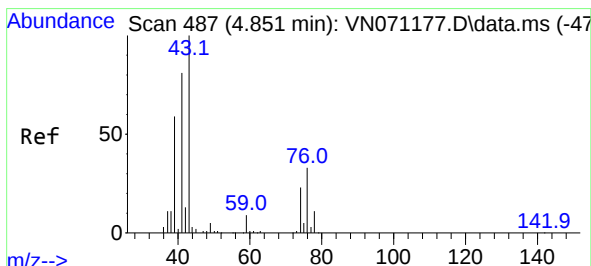
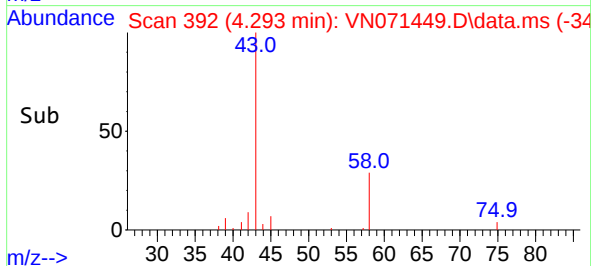
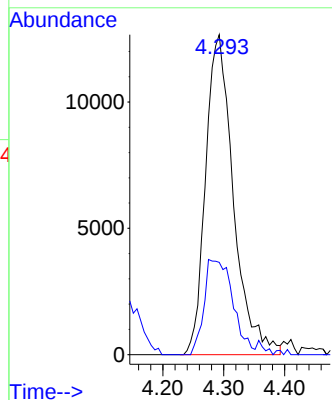
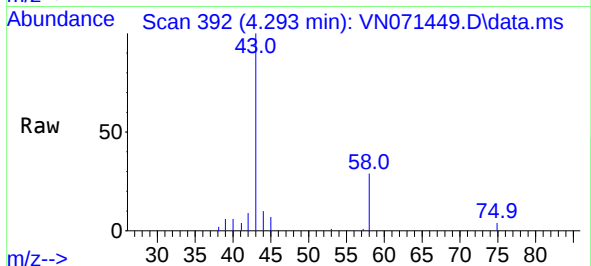




#16
Acetone
Concen: 7.940 ug/l
RT: 4.293 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN071449.D
Acq: 22 Mar 2022 04:32

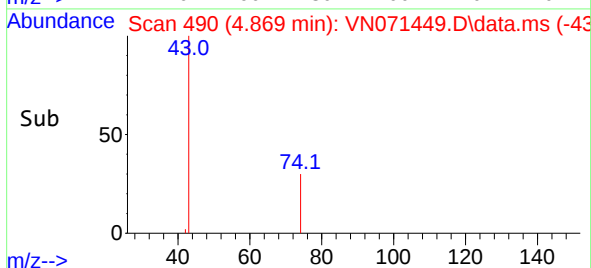
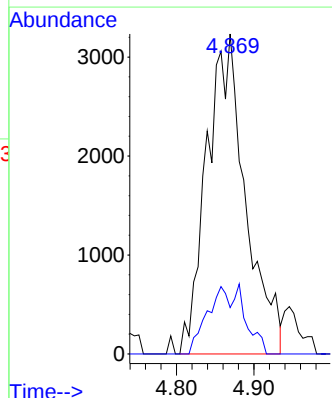
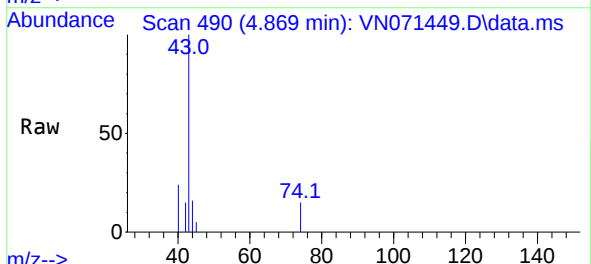
Instrument :
MSVOA_N
ClientSampleId :
TWP-3

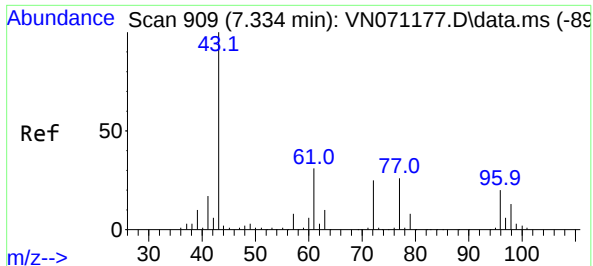
Tgt Ion: 43 Resp: 40229
Ion Ratio Lower Upper
43 100
58 28.8 23.1 34.7



#18
Methyl Acetate
Concen: 1.293 ug/l
RT: 4.869 min Scan# 490
Delta R.T. 0.018 min
Lab File: VN071449.D
Acq: 22 Mar 2022 04:32

Tgt Ion: 43 Resp: 11304
Ion Ratio Lower Upper
43 100
74 12.2 19.4 29.2#





#25

2-Butanone

Concen: 1.324 ug/l

RT: 7.345 min Scan# 911

Delta R.T. 0.012 min

Lab File: VN071449.D

Acq: 22 Mar 2022 04:32

Instrument :

MSVOA_N

ClientSampleId :

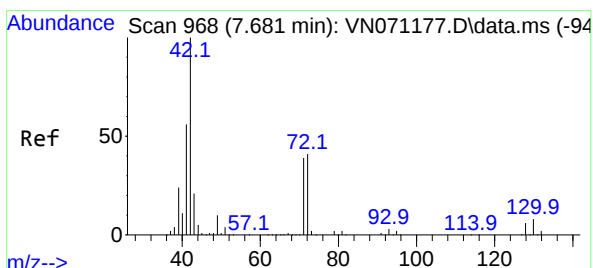
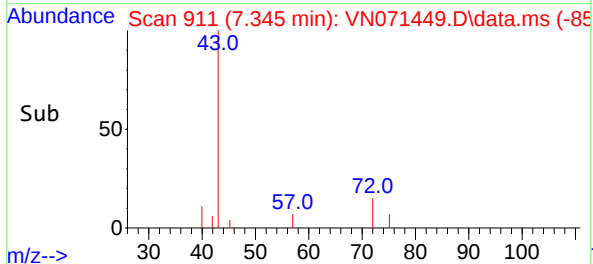
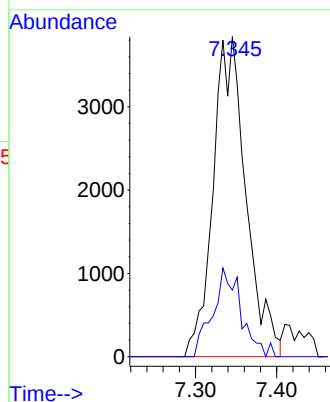
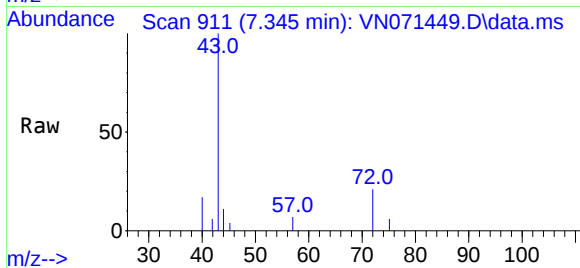
TWP-3

Tgt Ion: 43 Resp: 10806

Ion Ratio Lower Upper

43 100

72 20.8 21.7 32.5#



#29

Tetrahydrofuran

Concen: 2.717 ug/l

RT: 7.692 min Scan# 970

Delta R.T. 0.012 min

Lab File: VN071449.D

Acq: 22 Mar 2022 04:32

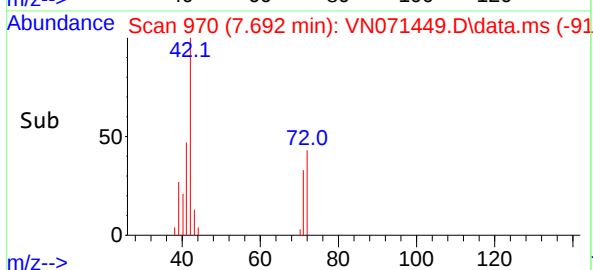
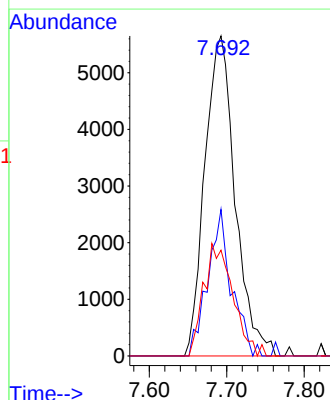
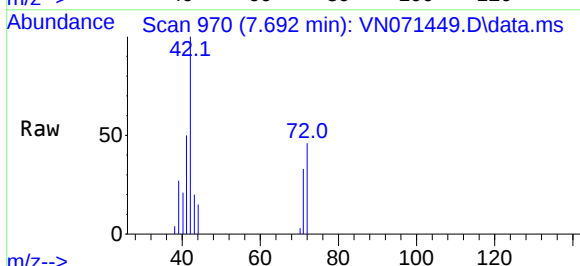
Tgt Ion: 42 Resp: 15361

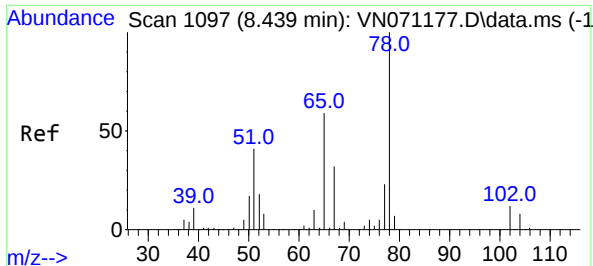
Ion Ratio Lower Upper

42 100

72 35.9 36.3 54.5#

71 33.8 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 47.917 ug/l

RT: 8.434 min Scan# 1097

Delta R.T. -0.006 min

Lab File: VN071449.D

Acq: 22 Mar 2022 04:32

Instrument :

MSVOA_N

ClientSampleId :

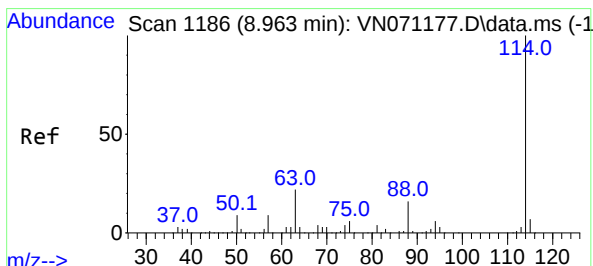
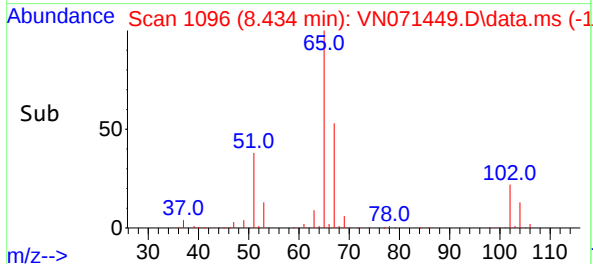
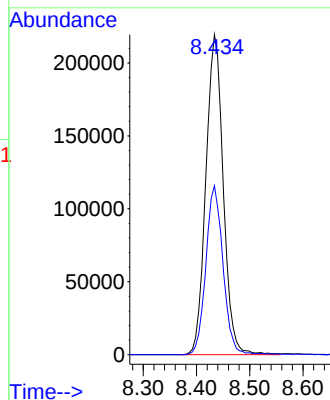
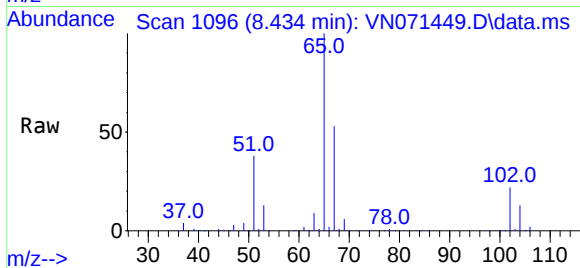
TWP-3

Tgt Ion: 65 Resp: 498955

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071449.D

Acq: 22 Mar 2022 04:32

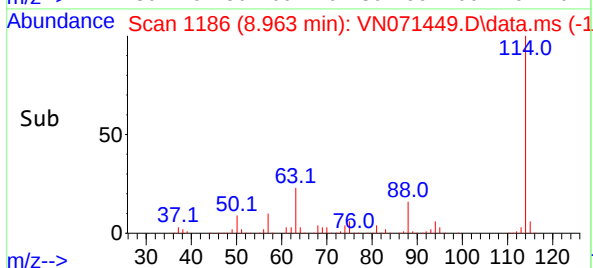
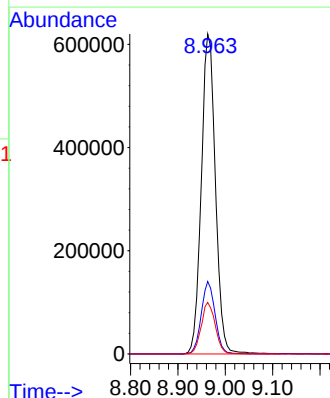
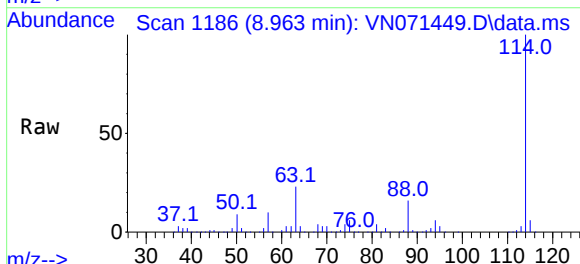
Tgt Ion: 114 Resp: 1286092

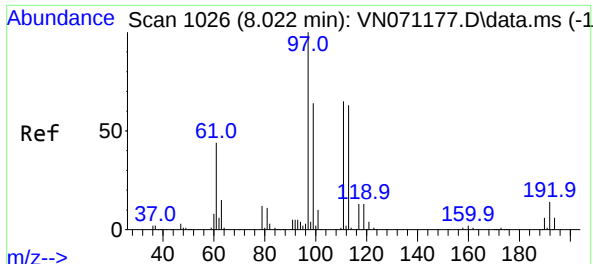
Ion Ratio Lower Upper

114 100

63 22.6 0.0 37.8

88 16.1 0.0 27.4

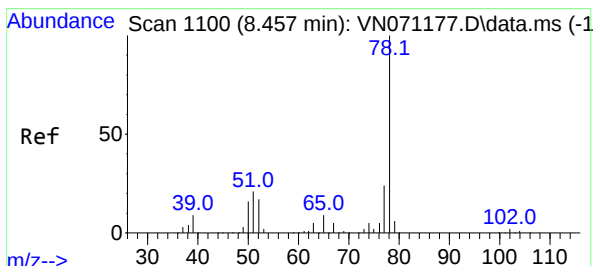
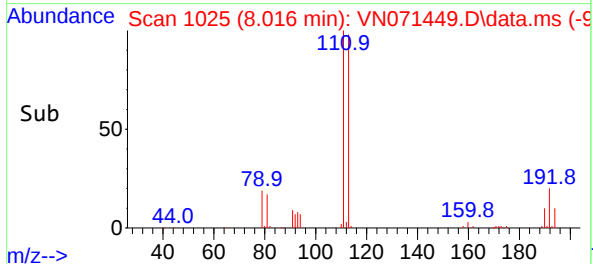
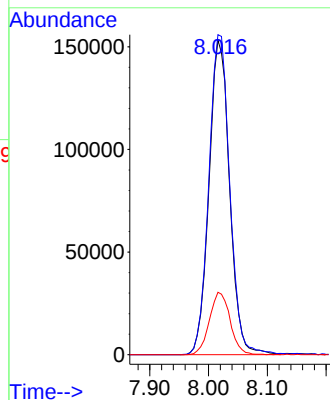
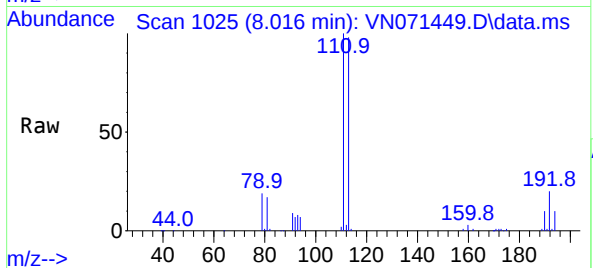




#35
Dibromofluoromethane
Concen: 45.998 ug/l
RT: 8.016 min Scan# 110
Delta R.T. -0.006 min
Lab File: VN071449.D
Acq: 22 Mar 2022 04:32

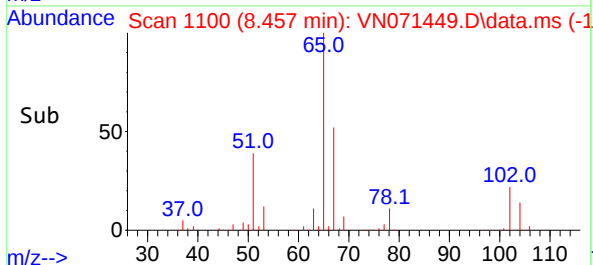
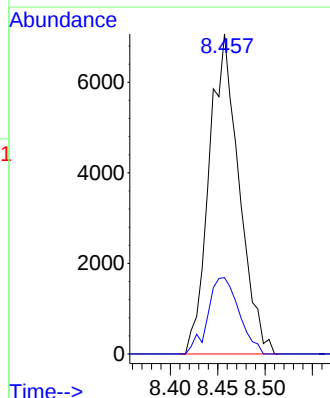
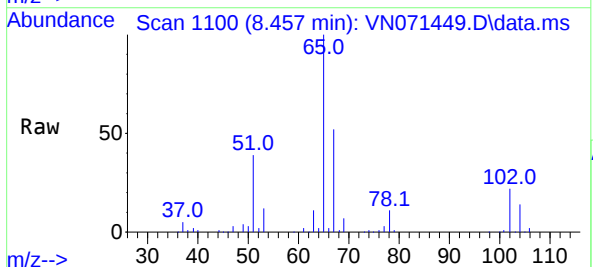
Instrument :
MSVOA_N
ClientSampleId :
TWP-3

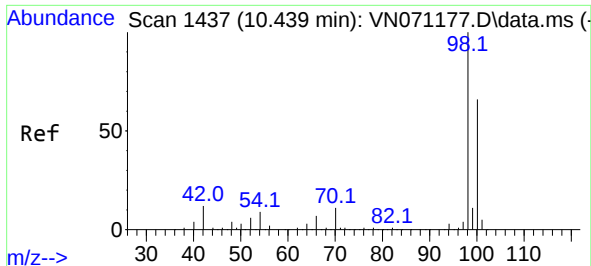
Tgt Ion:113 Resp: 373308
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 20.0 16.9 25.3



#40
Benzene
Concen: 0.396 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071449.D
Acq: 22 Mar 2022 04:32

Tgt Ion: 78 Resp: 15527
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8

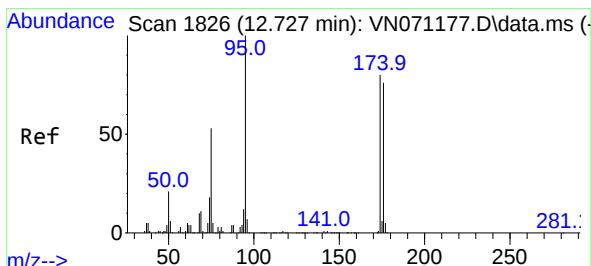
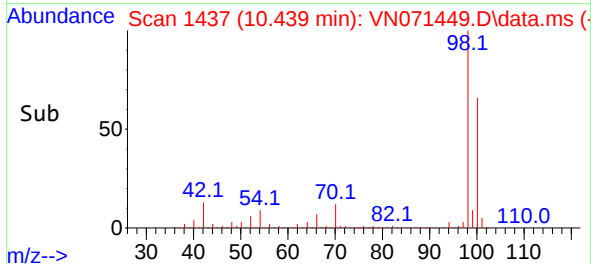
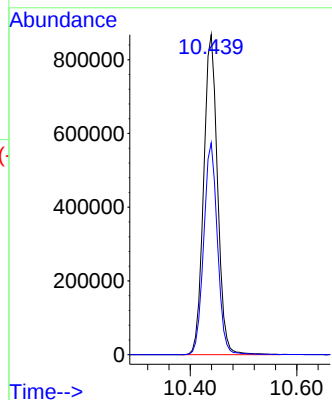
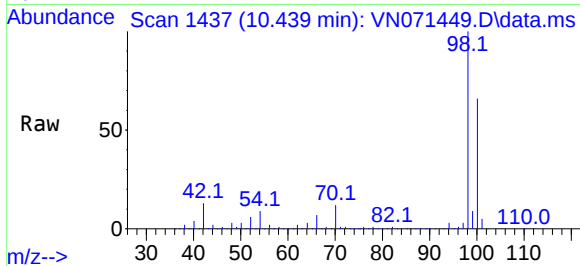




#50
Toluene-d8
Concen: 47.926 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071449.D
Acq: 22 Mar 2022 04:32

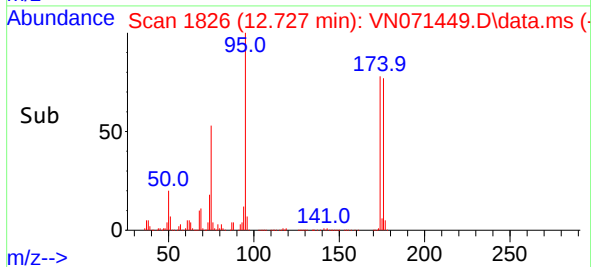
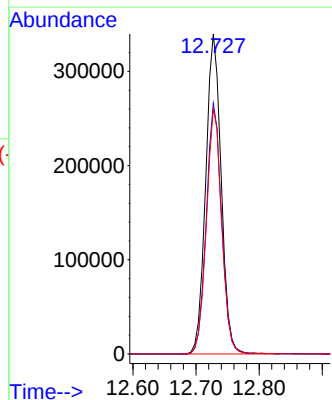
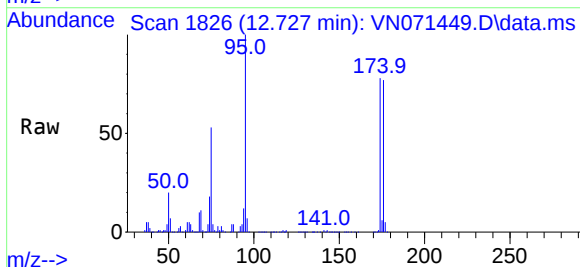
Instrument :
MSVOA_N
ClientSampleId :
TWP-3

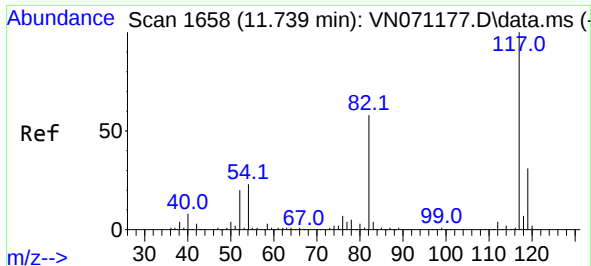
Tgt Ion: 98 Resp: 1566034
Ion Ratio Lower Upper
98 100
100 65.5 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 52.185 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071449.D
Acq: 22 Mar 2022 04:32

Tgt Ion: 95 Resp: 577425
Ion Ratio Lower Upper
95 100
174 77.8 0.0 187.2
176 75.6 0.0 181.4

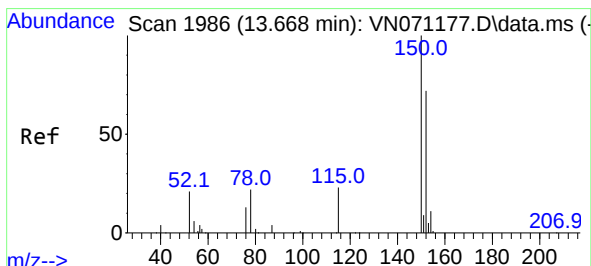
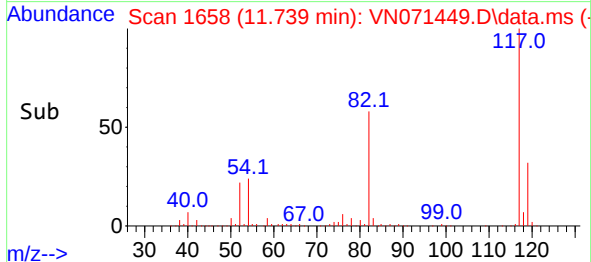
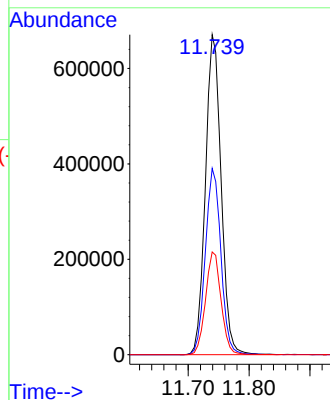
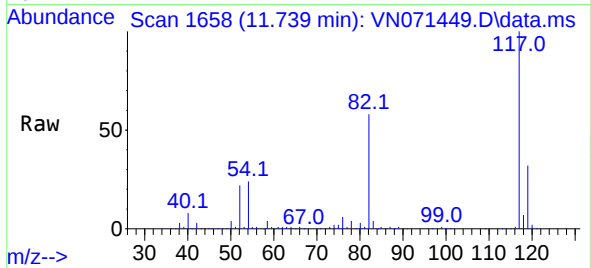




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071449.D
Acq: 22 Mar 2022 04:32

Instrument :
MSVOA_N
ClientSampleId :
TWP-3

Tgt Ion:117 Resp: 1199996
Ion Ratio Lower Upper
117 100
82 58.2 42.4 63.6
119 32.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.001 min
Lab File: VN071449.D
Acq: 22 Mar 2022 04:32

Tgt Ion:152 Resp: 441209
Ion Ratio Lower Upper
152 100
115 60.1 27.5 82.5
150 158.8 0.0 344.4

