

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081522\
 Data File : VN073928.D
 Acq On : 16 Aug 2022 05:22
 Operator : JC\MD
 Sample : N4200-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S9

Quant Time: Aug 16 07:16:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

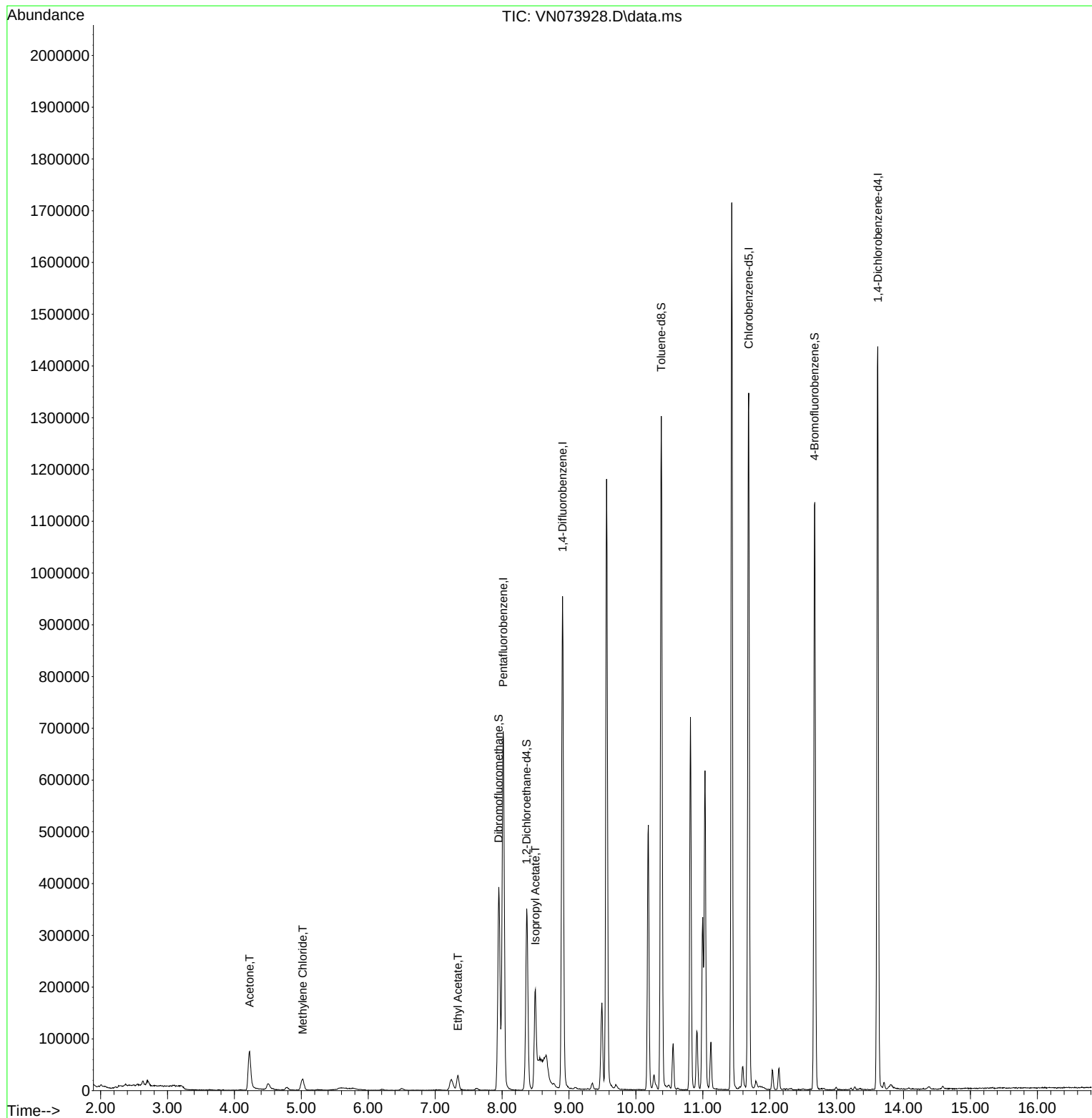
Internal Standards						
1) Pentafluorobenzene	8.016	168	608302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	891290	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	847358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	431908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	291906	49.268	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.540%
35) Dibromofluoromethane	7.951	113	282104	53.520	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.040%
50) Toluene-d8	10.380	98	946030	46.342	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.680%
62) 4-Bromofluorobenzene	12.668	95	379033	55.945	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.900%
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	138388	49.508	ug/l	98
20) Methylene Chloride	5.022	84	19264	3.266	ug/l	91
37) Ethyl Acetate	7.339	43	43605	4.916	ug/l	99
43) Isopropyl Acetate	8.498	43	236872	18.747	ug/l #	90

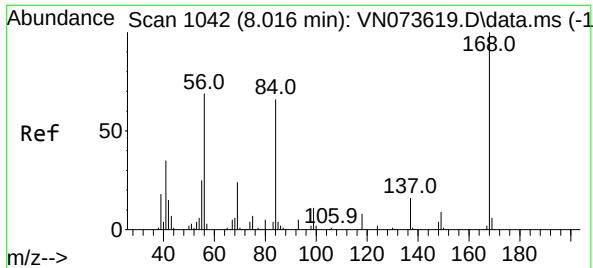
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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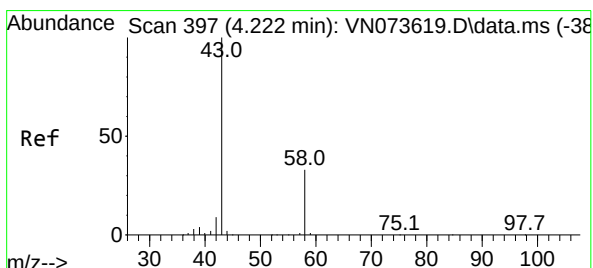
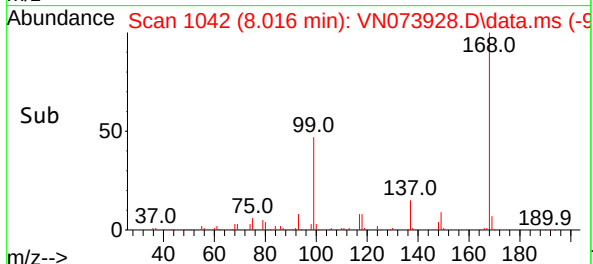
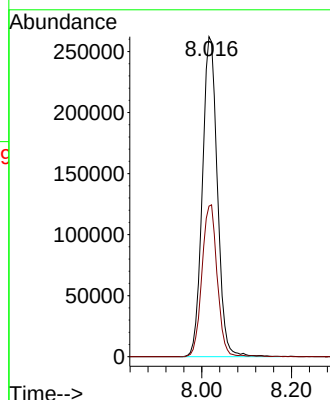
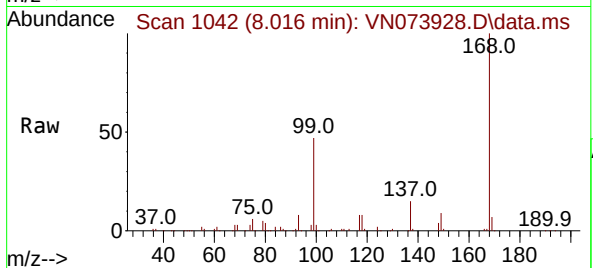




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073928.D
Acq: 16 Aug 2022 05:22

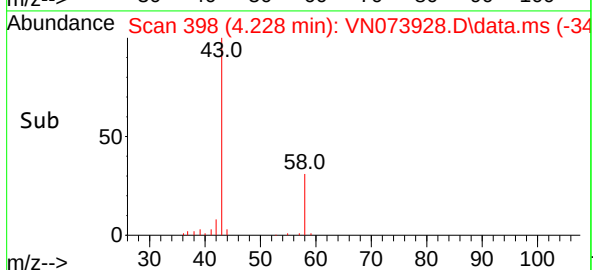
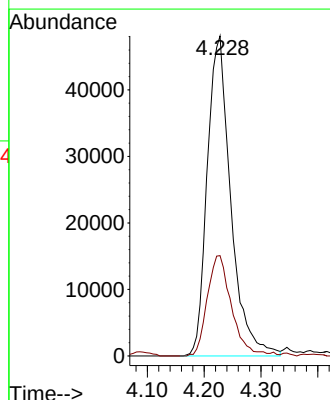
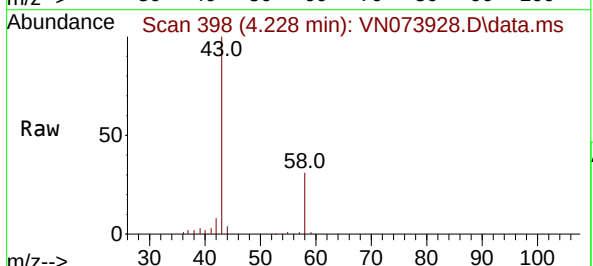
Instrument :
MSVOA_N
ClientSampleId :
S9

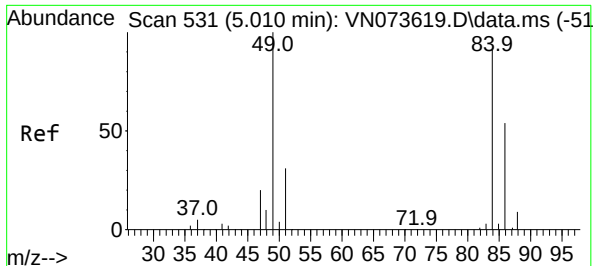
Tgt Ion:168 Resp: 608302
Ion Ratio Lower Upper
168 100
99 47.1 42.3 63.5



#16
Acetone
Concen: 49.508 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073928.D
Acq: 16 Aug 2022 05:22

Tgt Ion: 43 Resp: 138388
Ion Ratio Lower Upper
43 100
58 31.3 26.0 39.0

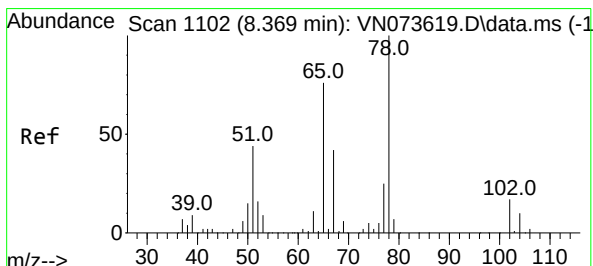
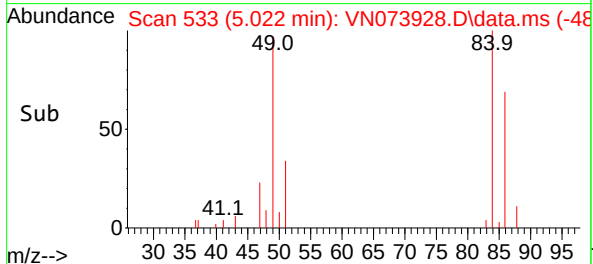
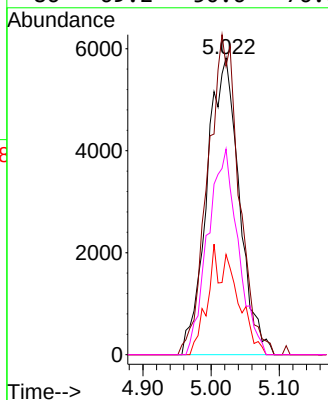
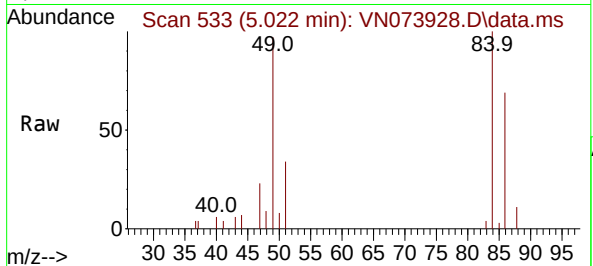




#20
Methylene Chloride
Concen: 3.266 ug/l
RT: 5.022 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN073928.D
Acq: 16 Aug 2022 05:22

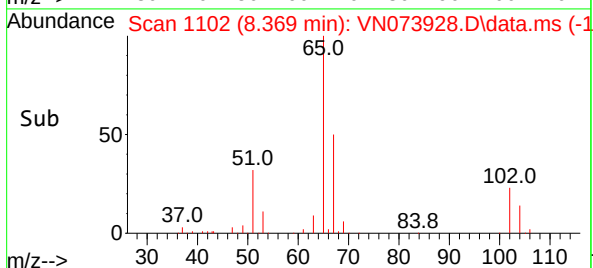
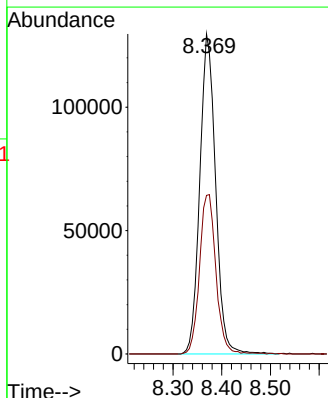
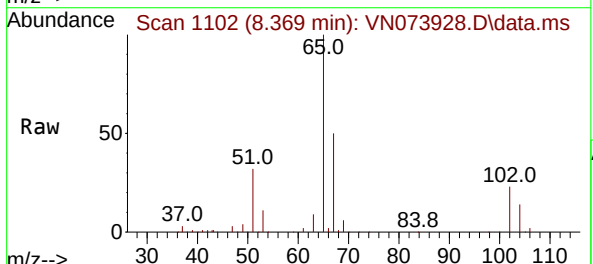
Instrument :
MSVOA_N
ClientSampleId :
S9

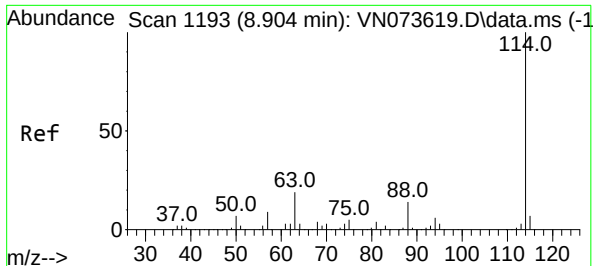
Tgt Ion: 84	Resp: 19264
Ion Ratio	Lower Upper
84 100	
49 97.2	88.3 132.5
51 33.8	28.2 42.2
86 69.2	50.6 76.0



#33
1,2-Dichloroethane-d4
Concen: 49.268 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073928.D
Acq: 16 Aug 2022 05:22

Tgt Ion: 65	Resp: 291906
Ion Ratio	Lower Upper
65 100	
67 51.7	0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073928.D

Acq: 16 Aug 2022 05:22

Instrument :

MSVOA_N

ClientSampleId :

S9

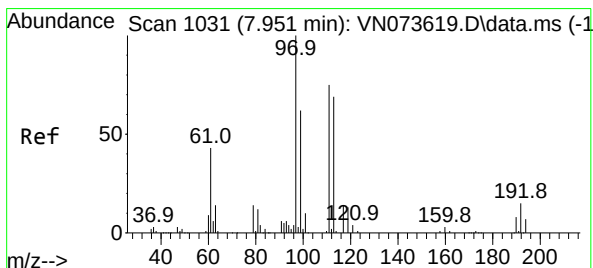
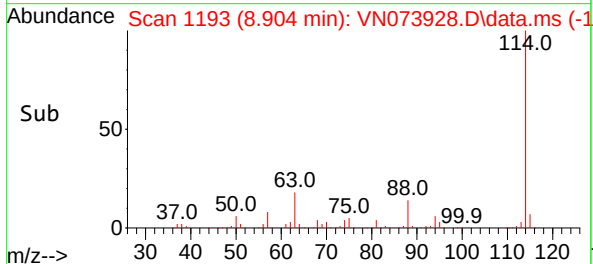
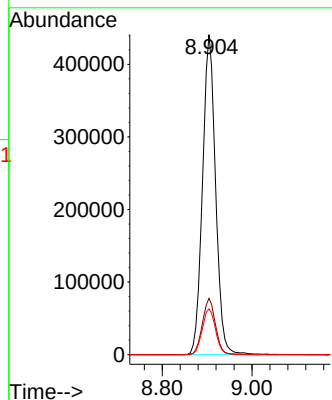
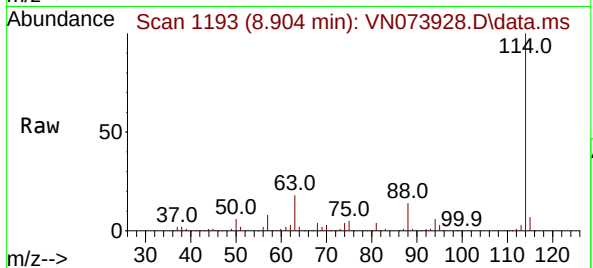
Tgt Ion:114 Resp: 891290

Ion Ratio Lower Upper

114 100

63 17.6 0.0 40.0

88 14.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.520 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073928.D

Acq: 16 Aug 2022 05:22

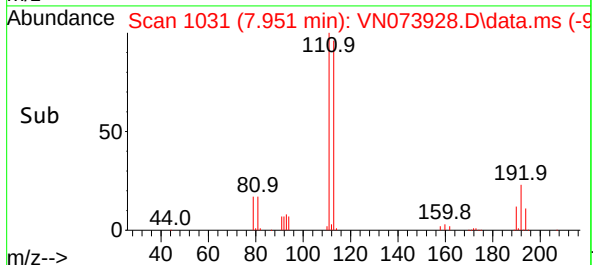
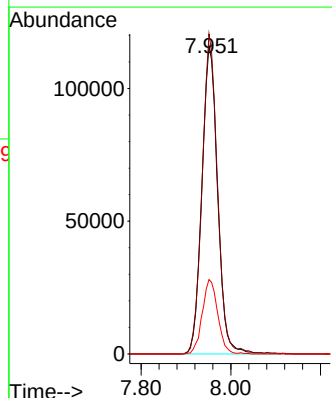
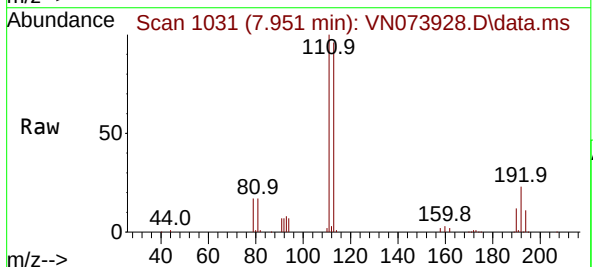
Tgt Ion:113 Resp: 282104

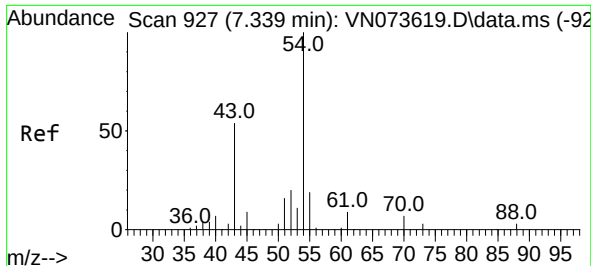
Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

192 23.7 17.0 25.6

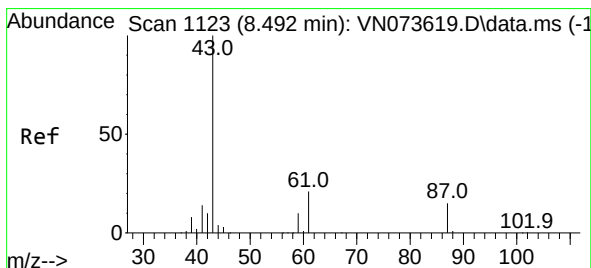
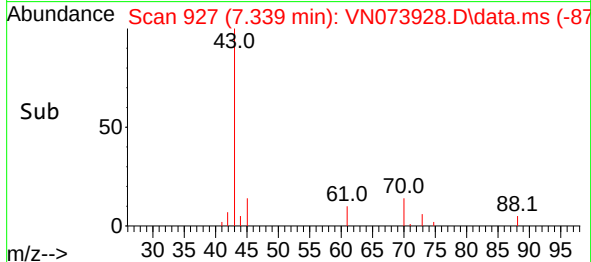
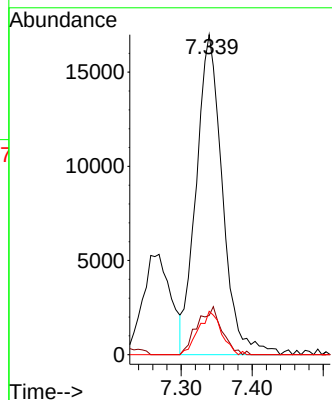
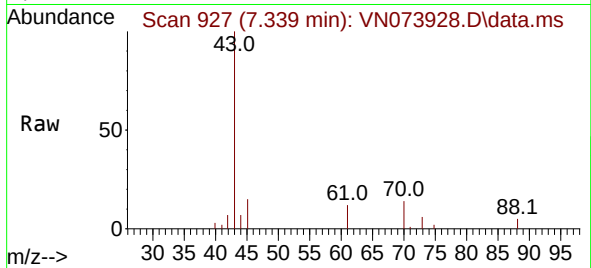




#37
Ethyl Acetate
Concen: 4.916 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073928.D
Acq: 16 Aug 2022 05:22

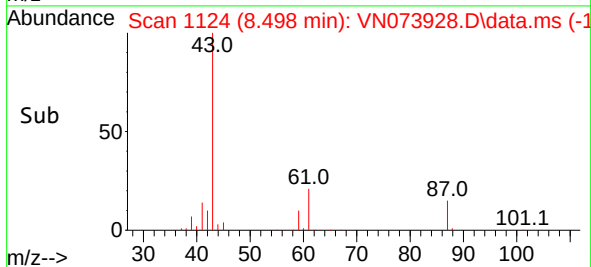
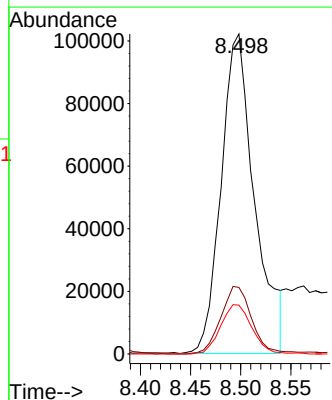
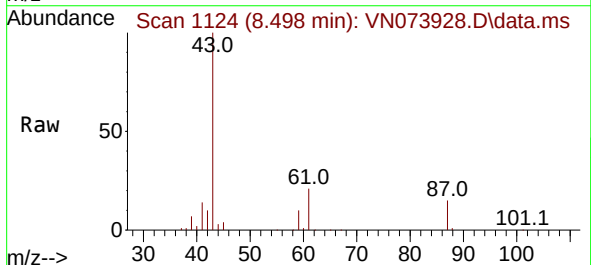
Instrument :
MSVOA_N
ClientSampleId :
S9

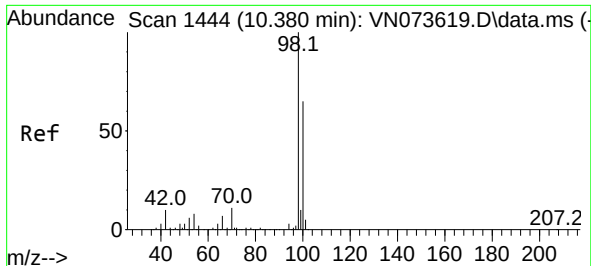
Tgt Ion:	43	Resp:	43605
Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.8	17.6
70	11.9	9.3	13.9



#43
Isopropyl Acetate
Concen: 18.747 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN073928.D
Acq: 16 Aug 2022 05:22

Tgt Ion:	43	Resp:	236872
Ion	Ratio	Lower	Upper
43	100		
61	19.9	21.9	32.9#
87	14.4	12.0	18.0

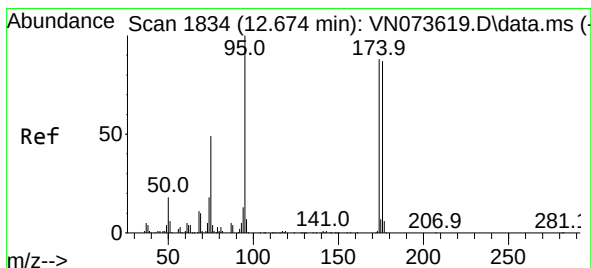
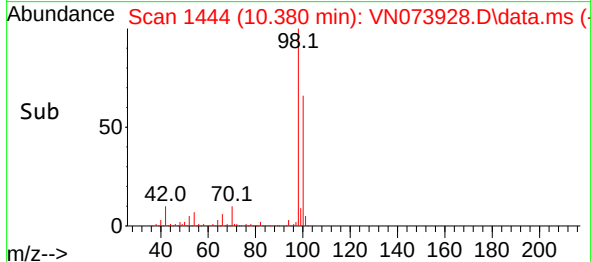
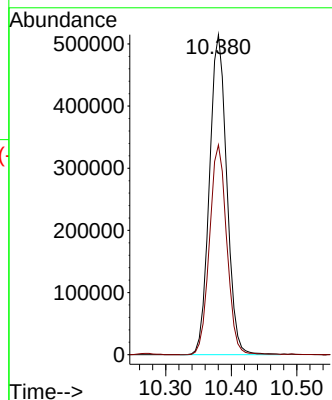
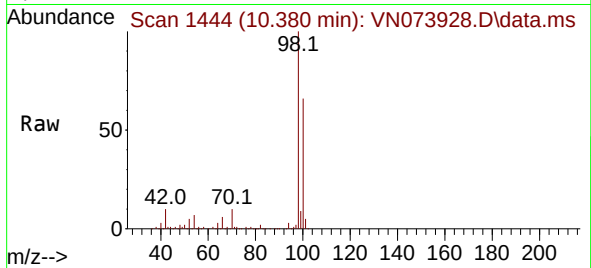




#50
Toluene-d8
Concen: 46.342 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073928.D
Acq: 16 Aug 2022 05:22

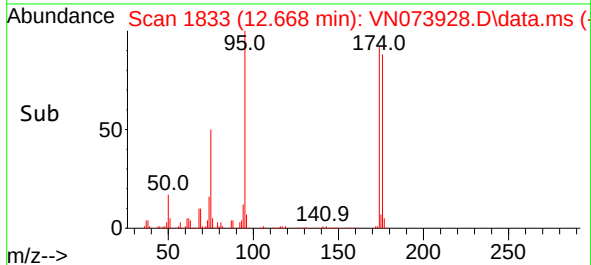
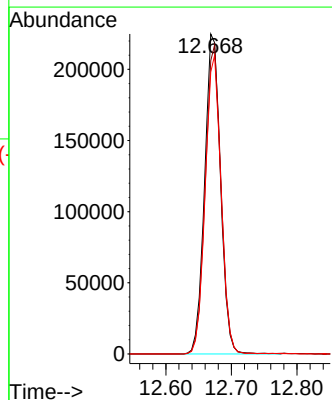
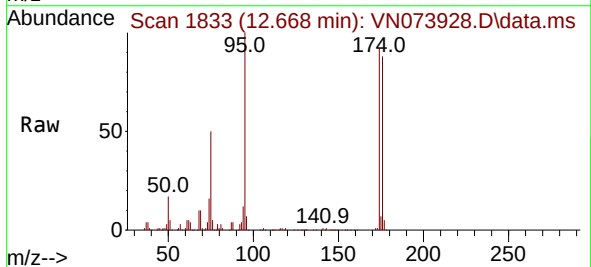
Instrument :
MSVOA_N
ClientSampleId :
S9

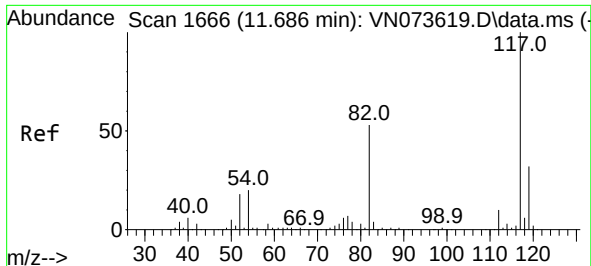
Tgt Ion: 98 Resp: 946030
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 55.945 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN073928.D
Acq: 16 Aug 2022 05:22

Tgt Ion: 95 Resp: 379033
Ion Ratio Lower Upper
95 100
174 96.0 0.0 167.6
176 92.8 0.0 163.4

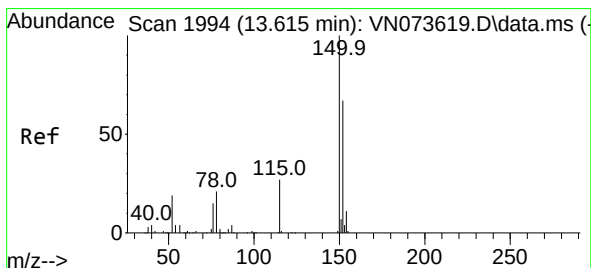
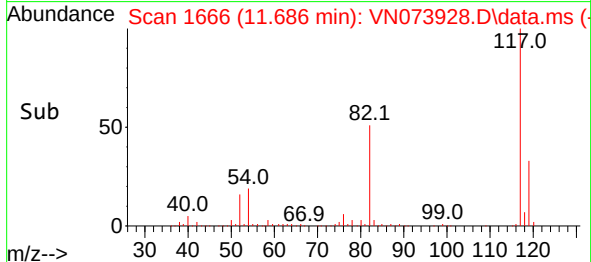
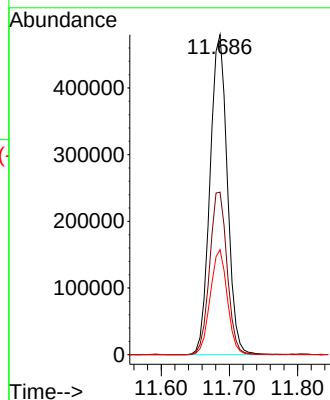
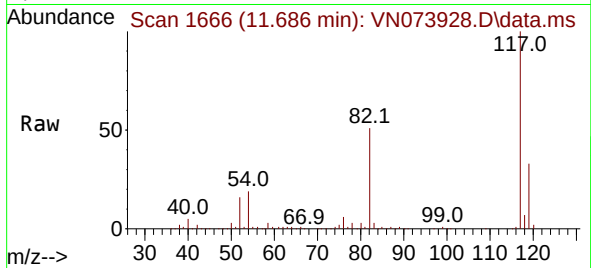




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073928.D
Acq: 16 Aug 2022 05:22

Instrument :
MSVOA_N
ClientSampleId :
S9

Tgt Ion:117 Resp: 847358
Ion Ratio Lower Upper
117 100
82 50.8 44.2 66.2
119 32.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073928.D
Acq: 16 Aug 2022 05:22

Tgt Ion:152 Resp: 431908
Ion Ratio Lower Upper
152 100
115 53.9 28.9 86.7
150 155.7 0.0 356.2

