

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081522\
 Data File : VN073931.D
 Acq On : 16 Aug 2022 06:35
 Operator : JC\MD
 Sample : N4200-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S1

Quant Time: Aug 16 07:18:16 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)

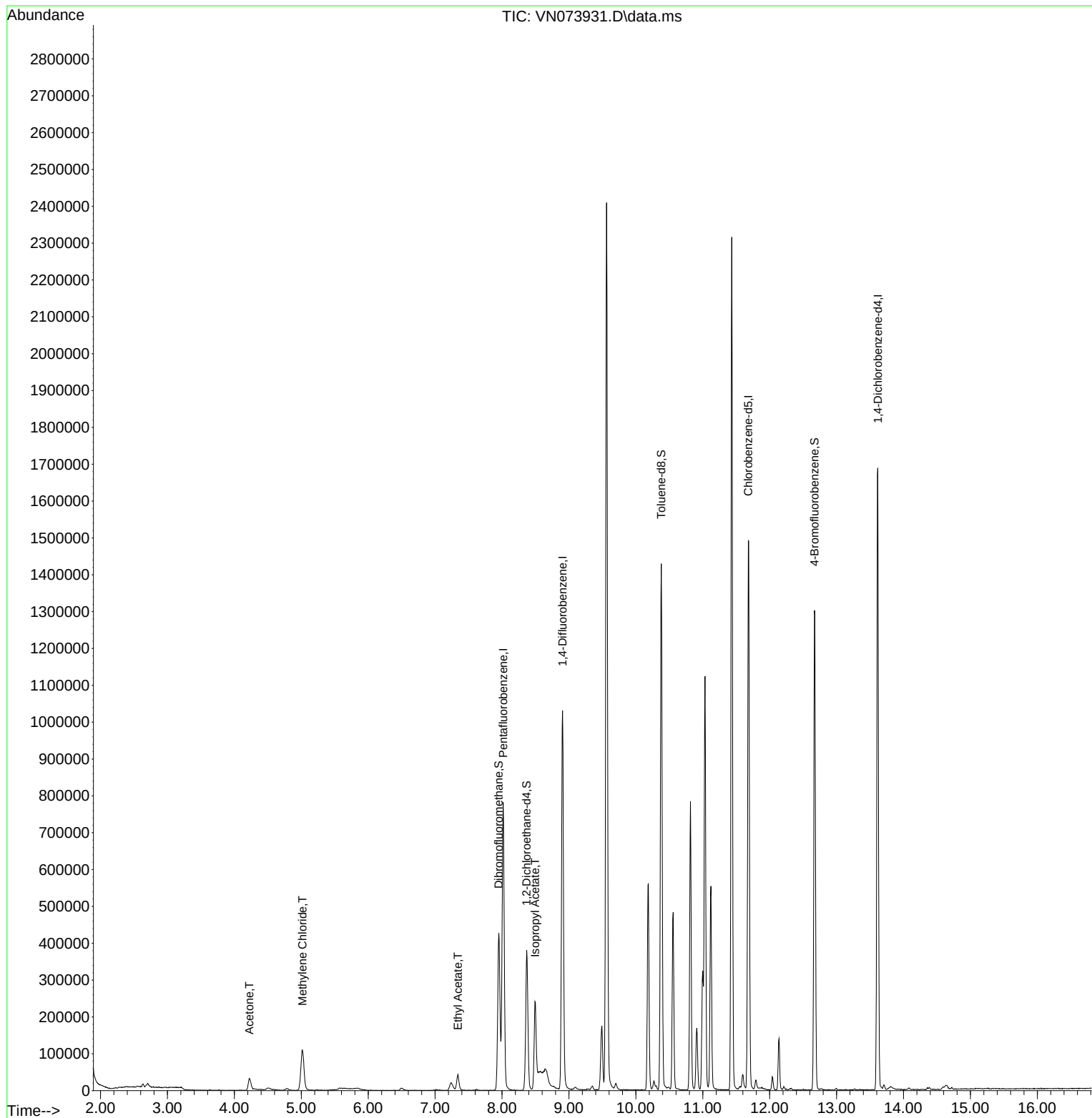
Internal Standards						
1) Pentafluorobenzene	8.016	168	663871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	980300	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	957325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	506776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	313213	48.439	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.880%
35) Dibromofluoromethane	7.951	113	306723	52.907	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.820%
50) Toluene-d8	10.381	98	1040674	46.349	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.700%
62) 4-Bromofluorobenzene	12.669	95	437007	58.645	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	117.300%
Target Compounds						
					Qvalue	
16) Acetone	4.222	43	60932	19.974	ug/l	100
20) Methylene Chloride	5.016	84	98196	15.254	ug/l	94
37) Ethyl Acetate	7.340	43	59004	6.048	ug/l	95
43) Isopropyl Acetate	8.492	43	286982	20.650	ug/l #	91

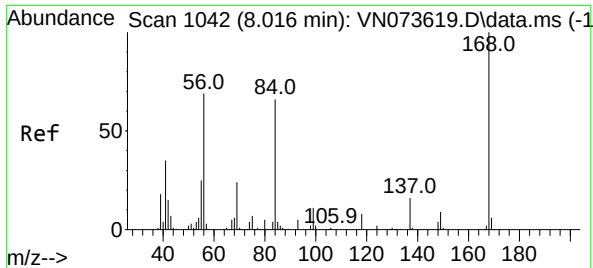
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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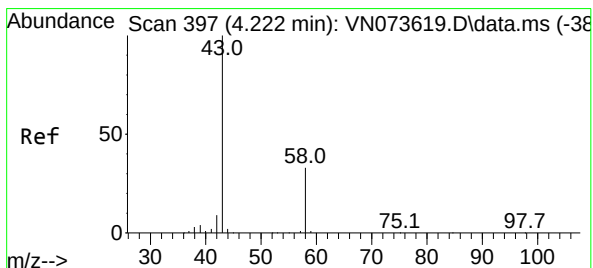
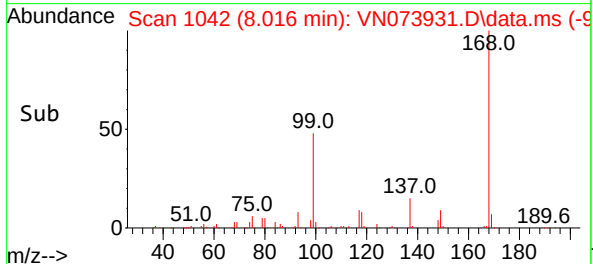
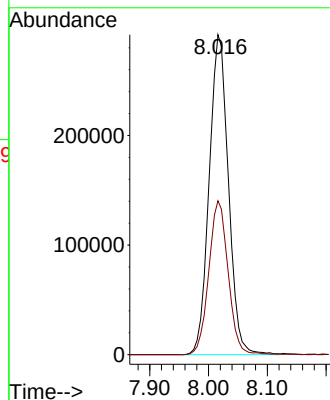
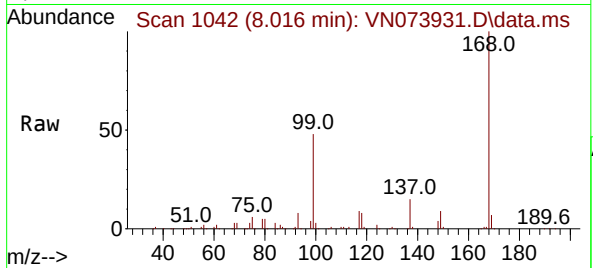




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073931.D
Acq: 16 Aug 2022 06:35

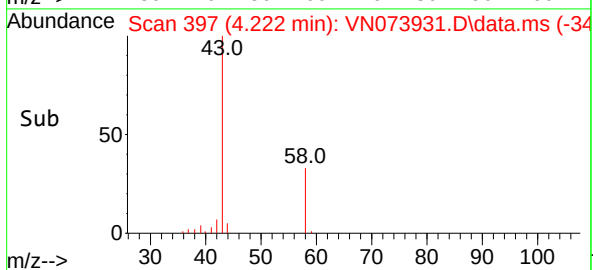
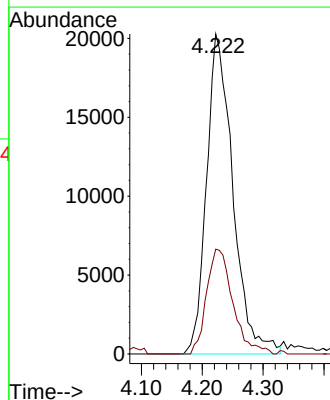
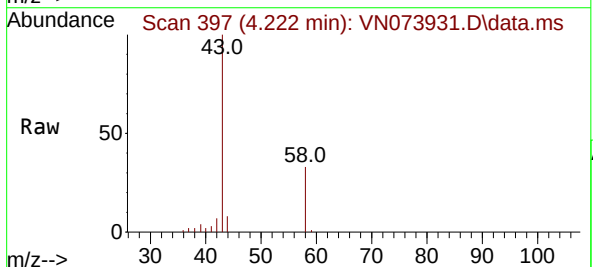
Instrument :
MSVOA_N
ClientSampleId :
S1

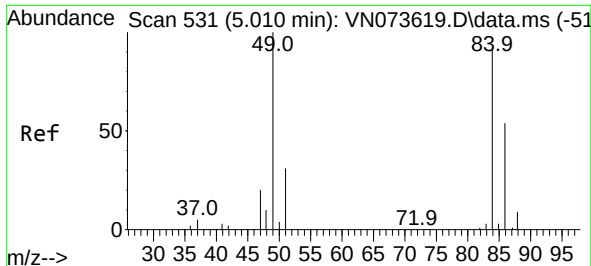
Tgt Ion:168 Resp: 663871
Ion Ratio Lower Upper
168 100
99 48.1 42.3 63.5



#16
Acetone
Concen: 19.974 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN073931.D
Acq: 16 Aug 2022 06:35

Tgt Ion: 43 Resp: 60932
Ion Ratio Lower Upper
43 100
58 32.7 26.0 39.0

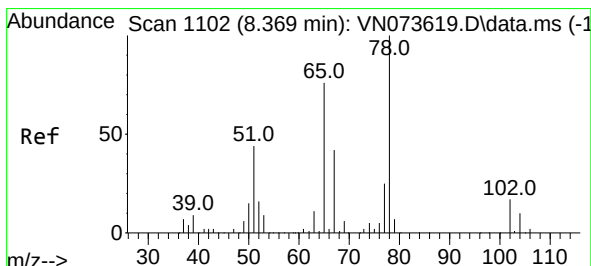
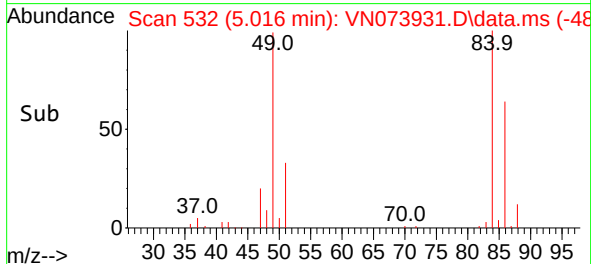
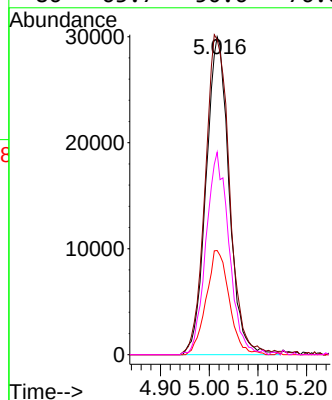
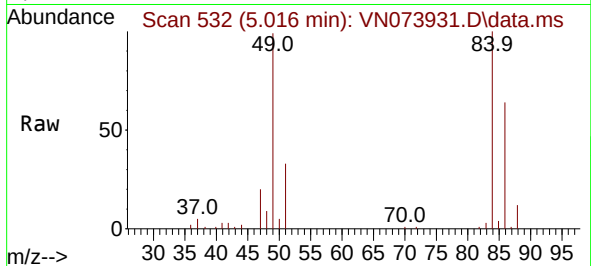




#20
Methylene Chloride
Concen: 15.254 ug/l
RT: 5.016 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073931.D
Acq: 16 Aug 2022 06:35

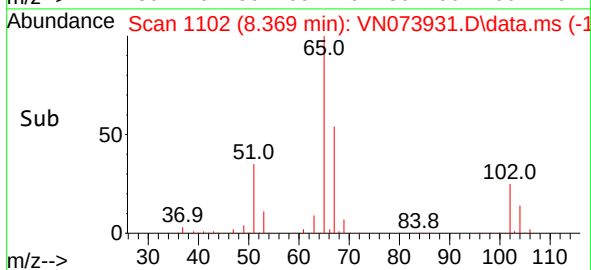
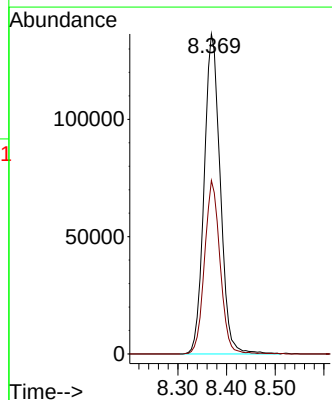
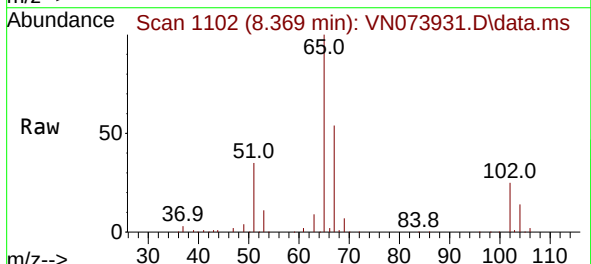
Instrument :
MSVOA_N
ClientSampleId :
S1

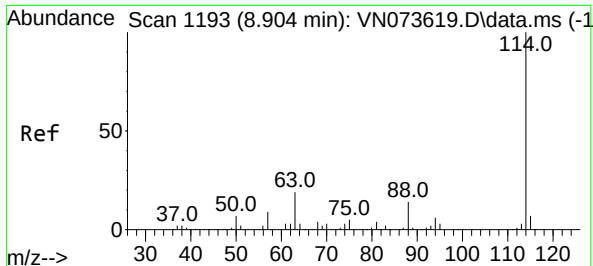
Tgt Ion: 84	Resp: 98196
Ion Ratio	Lower Upper
84 100	
49 99.1	88.3 132.5
51 32.8	28.2 42.2
86 63.7	50.6 76.0



#33
1,2-Dichloroethane-d4
Concen: 48.439 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073931.D
Acq: 16 Aug 2022 06:35

Tgt Ion: 65	Resp: 313213
Ion Ratio	Lower Upper
65 100	
67 52.3	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: VN073931.D

Acq: 16 Aug 2022 06:35

Instrument :

MSVOA_N

ClientSampleId :

S1

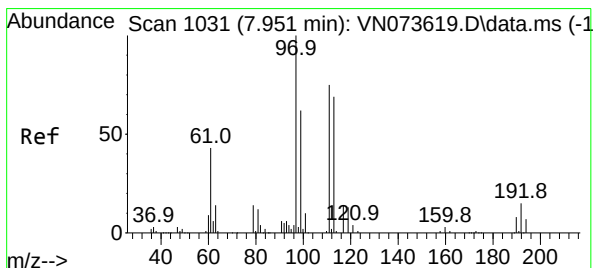
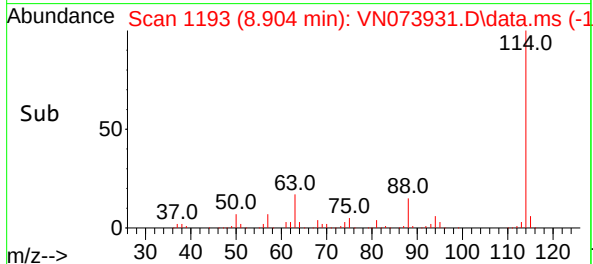
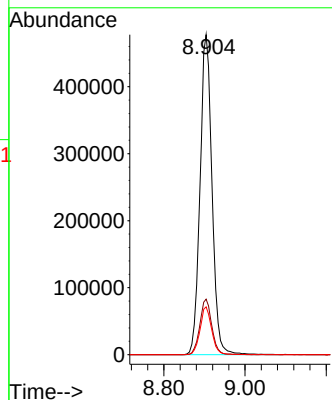
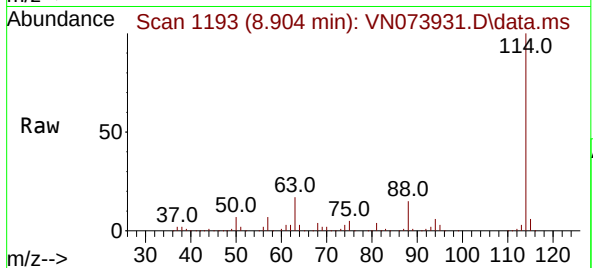
Tgt Ion:114 Resp: 980300

Ion Ratio Lower Upper

114 100

63 17.3 0.0 40.0

88 15.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.907 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073931.D

Acq: 16 Aug 2022 06:35

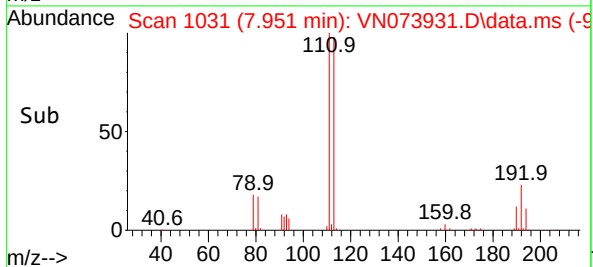
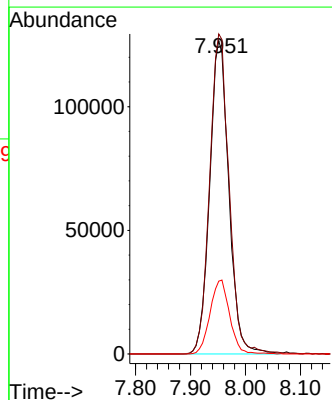
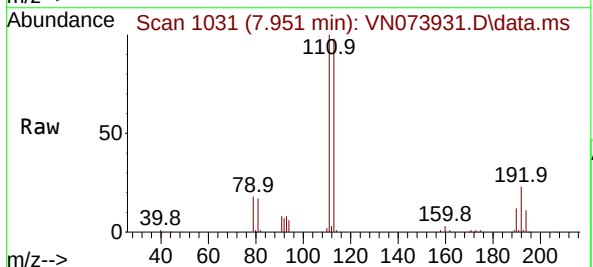
Tgt Ion:113 Resp: 306723

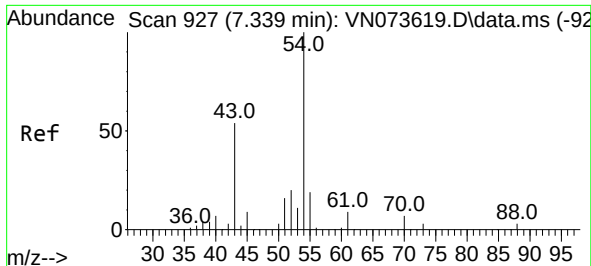
Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 24.1 17.0 25.6

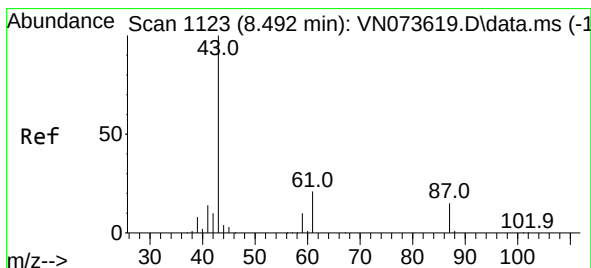
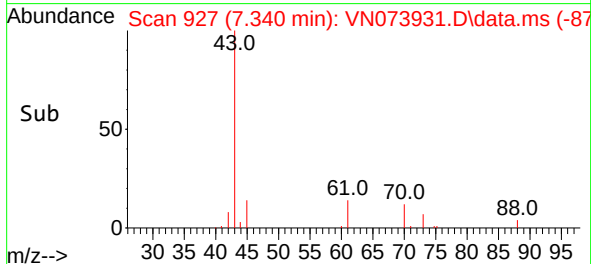
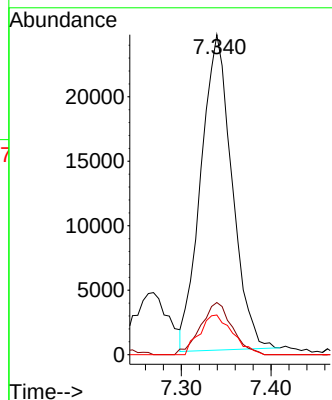
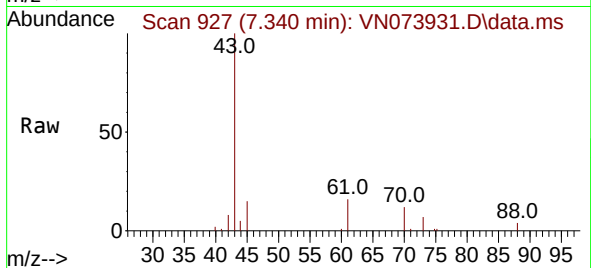




#37
Ethyl Acetate
Concen: 6.048 ug/l
RT: 7.340 min Scan# 91
Delta R.T. 0.001 min
Lab File: VN073931.D
Acq: 16 Aug 2022 06:35

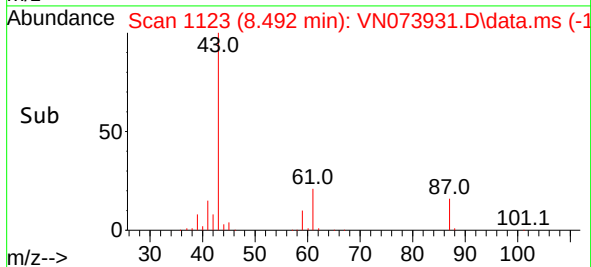
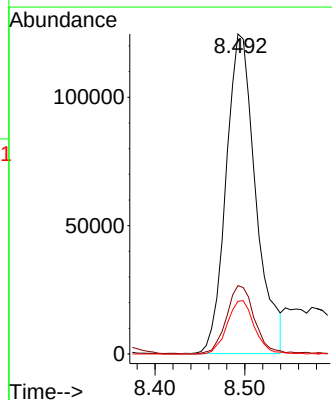
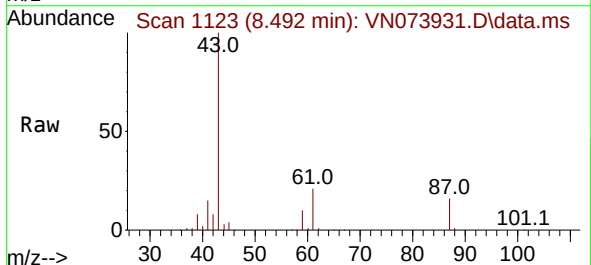
Instrument :
MSVOA_N
ClientSampleId :
S1

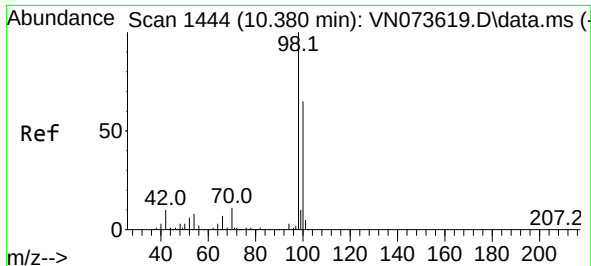
Tgt Ion: 43	Resp: 59004
Ion Ratio	Lower Upper
43 100	
61 16.8	11.8 17.6
70 13.3	9.3 13.9



#43
Isopropyl Acetate
Concen: 20.650 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073931.D
Acq: 16 Aug 2022 06:35

Tgt Ion: 43	Resp: 286982		
Ion Ratio	Lower	Upper	
43	100		
61	20.5	21.9	32.9#
87	15.3	12.0	18.0

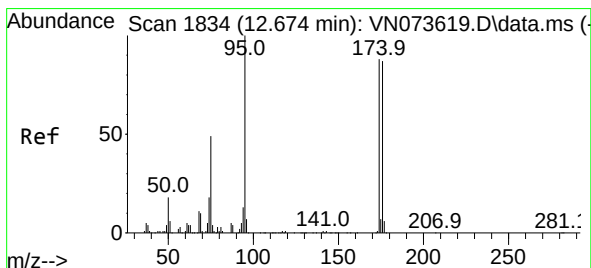
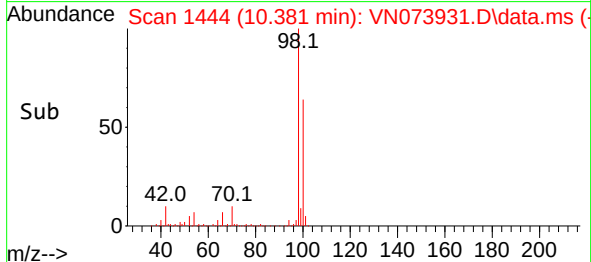
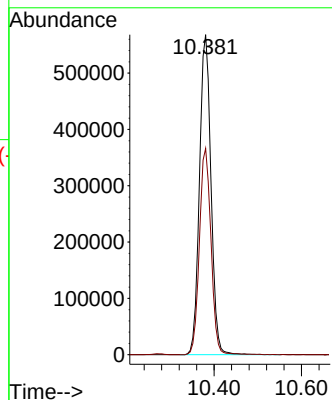
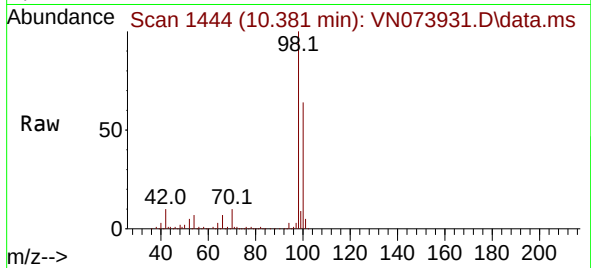




#50
Toluene-d8
Concen: 46.349 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VN073931.D
Acq: 16 Aug 2022 06:35

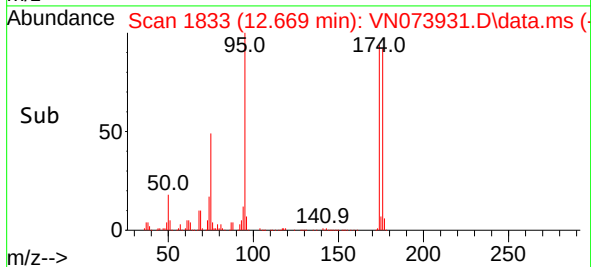
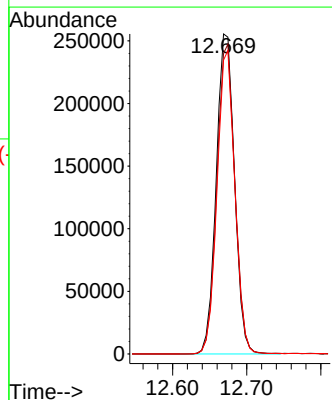
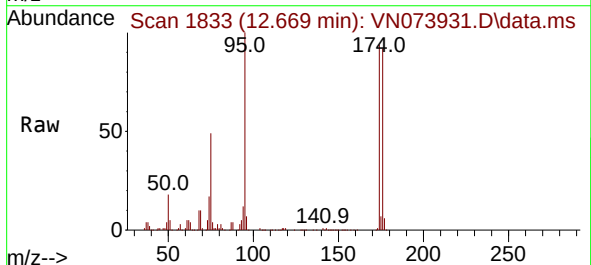
Instrument :
MSVOA_N
ClientSampleId :
S1

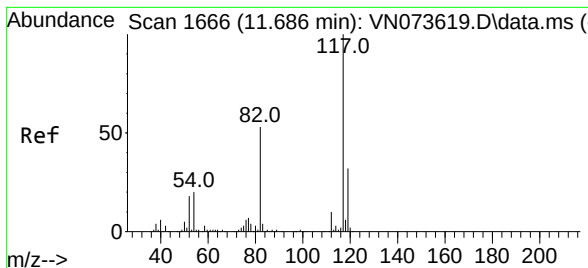
Tgt Ion: 98 Resp: 1040674
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 58.645 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN073931.D
Acq: 16 Aug 2022 06:35

Tgt Ion: 95 Resp: 437007
Ion Ratio Lower Upper
95 100
174 95.6 0.0 167.6
176 92.5 0.0 163.4

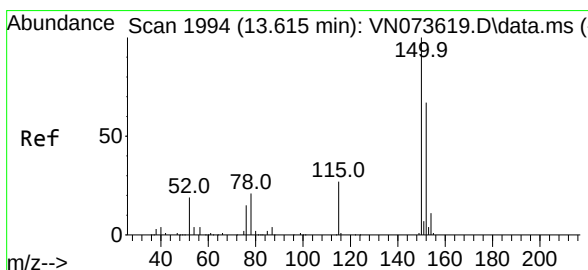
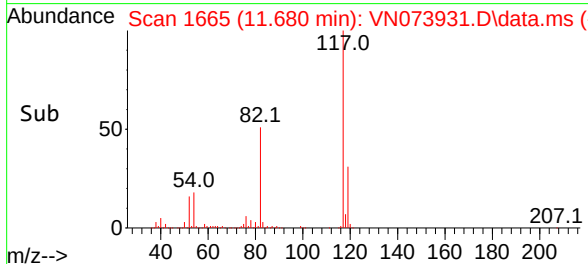
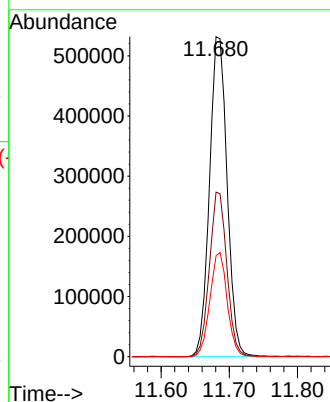
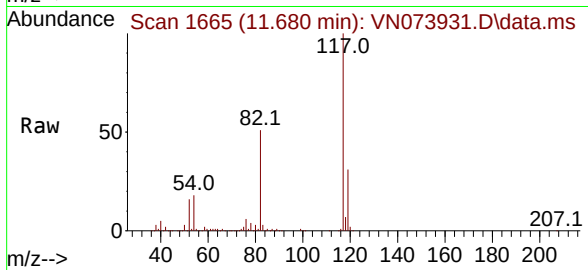




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VN073931.D
Acq: 16 Aug 2022 06:35

Instrument :
MSVOA_N
ClientSampleId :
S1

Tgt Ion:117 Resp: 957325
Ion Ratio Lower Upper
117 100
82 51.4 44.2 66.2
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN073931.D
Acq: 16 Aug 2022 06:35

Tgt Ion:152 Resp: 506776
Ion Ratio Lower Upper
152 100
115 53.5 28.9 86.7
150 156.6 0.0 356.2

