

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081522\
 Data File : VN073927.D
 Acq On : 16 Aug 2022 04:57
 Operator : JC\MD
 Sample : N4200-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S13

Quant Time: Aug 16 07:16:29 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)

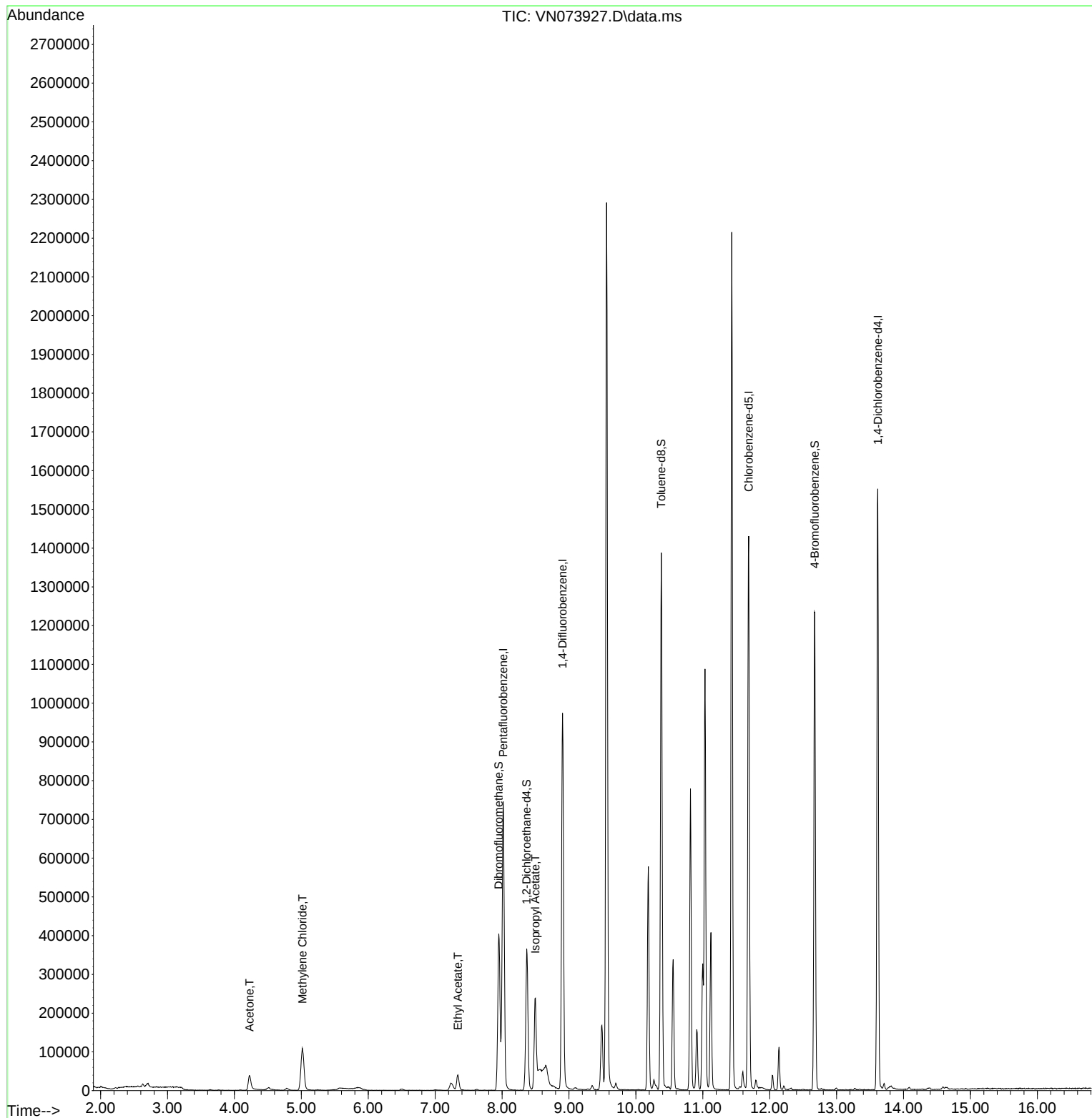
Internal Standards						
1) Pentafluorobenzene	8.016	168	637404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	927562	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	900137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	468037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	302825	48.778	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.560%
35) Dibromofluoromethane	7.951	113	291470	53.135	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.260%
50) Toluene-d8	10.380	98	987740	46.493	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.980%
62) 4-Bromofluorobenzene	12.674	95	407161	57.747	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.500%
Target Compounds						
					Qvalue	
16) Acetone	4.228	43	71884	24.542	ug/l	99
20) Methylene Chloride	5.016	84	95759	15.493	ug/l	96
37) Ethyl Acetate	7.340	43	57905	6.273	ug/l	97
43) Isopropyl Acetate	8.498	43	292375	22.234	ug/l #	91

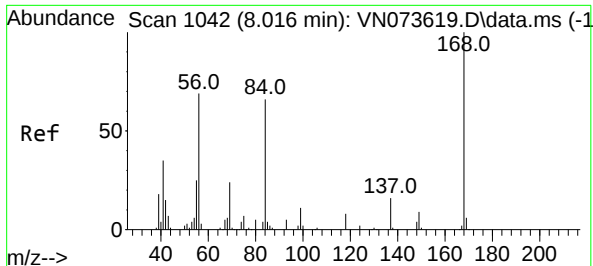
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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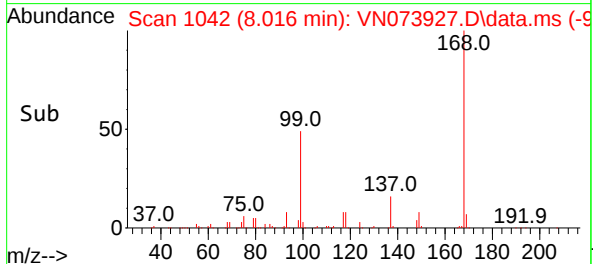
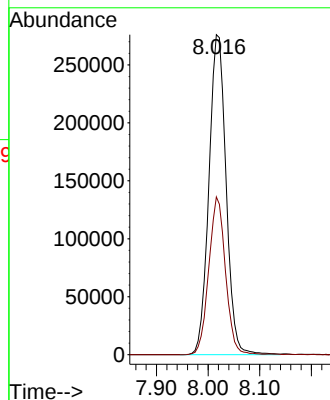
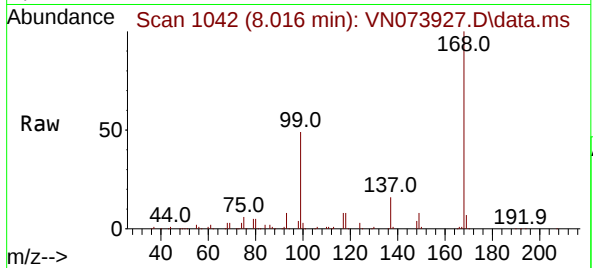




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073927.D
Acq: 16 Aug 2022 04:57

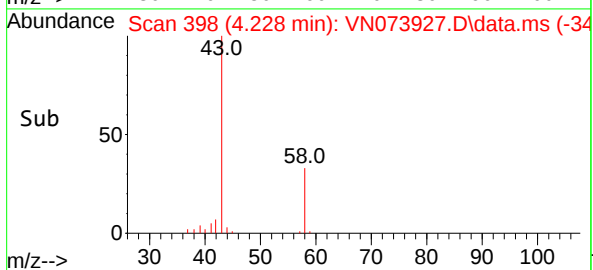
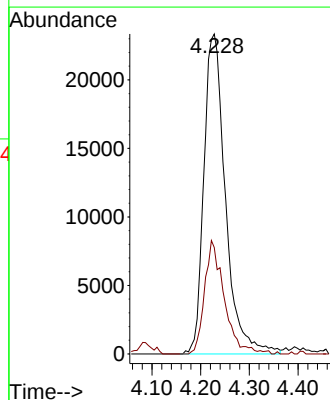
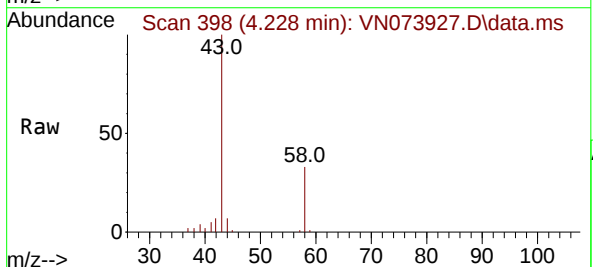
Instrument :
MSVOA_N
ClientSampleId :
S13

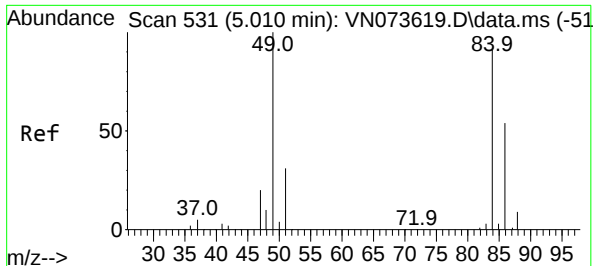
Tgt Ion:168 Resp: 637404
Ion Ratio Lower Upper
168 100
99 49.3 42.3 63.5



#16
Acetone
Concen: 24.542 ug/l
RT: 4.228 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN073927.D
Acq: 16 Aug 2022 04:57

Tgt Ion: 43 Resp: 71884
Ion Ratio Lower Upper
43 100
58 33.3 26.0 39.0

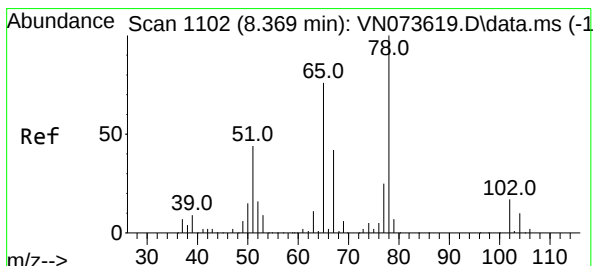
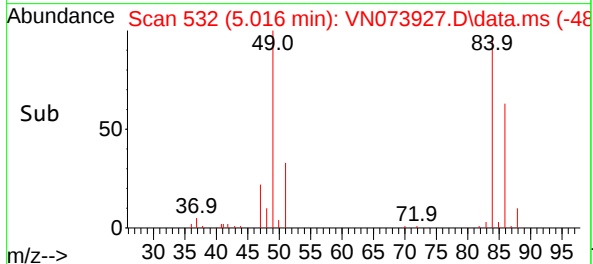
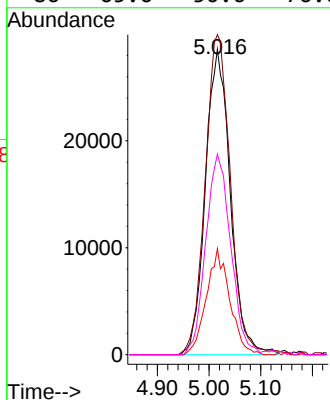
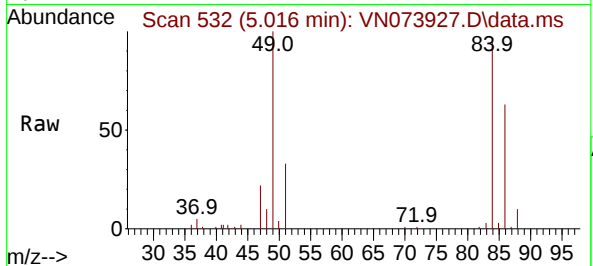




#20
Methylene Chloride
Concen: 15.493 ug/l
RT: 5.016 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073927.D
Acq: 16 Aug 2022 04:57

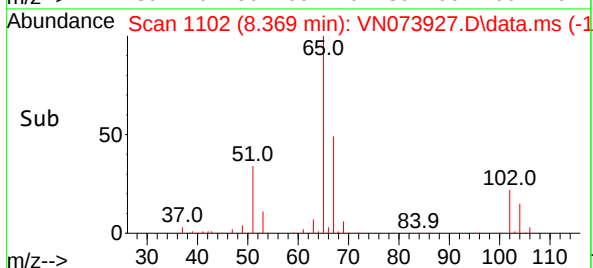
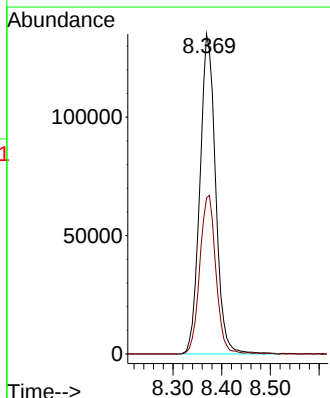
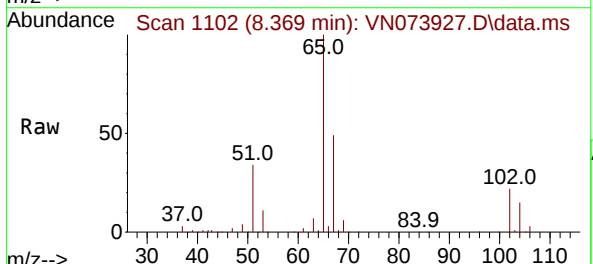
Instrument :
MSVOA_N
ClientSampleId :
S13

Tgt Ion:	84	Resp:	95759
Ion	Ratio	Lower	Upper
84	100		
49	104.7	88.3	132.5
51	34.7	28.2	42.2
86	65.6	50.6	76.0



#33
1,2-Dichloroethane-d4
Concen: 48.778 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073927.D
Acq: 16 Aug 2022 04:57

Tgt Ion:	65	Resp:	302825
Ion	Ratio	Lower	Upper
65	100		
67	50.6	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: VN073927.D

Acq: 16 Aug 2022 04:57

Instrument :

MSVOA_N

ClientSampleId :

S13

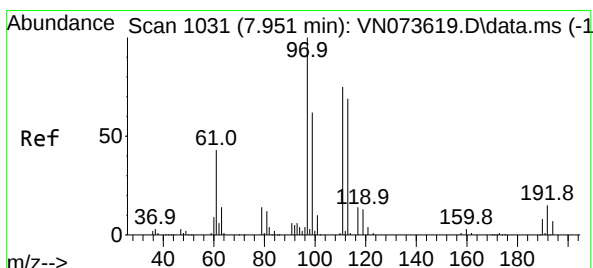
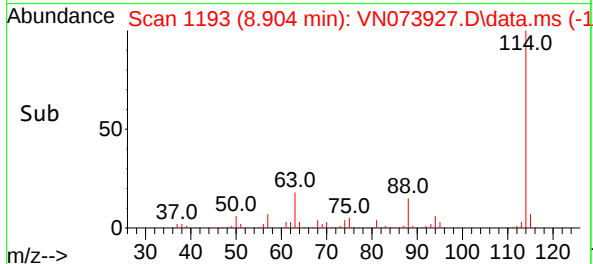
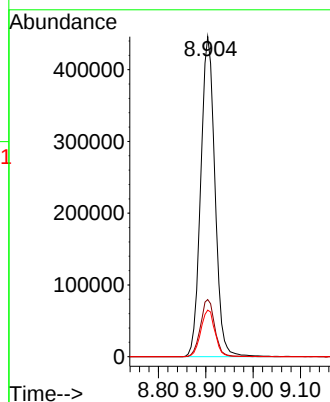
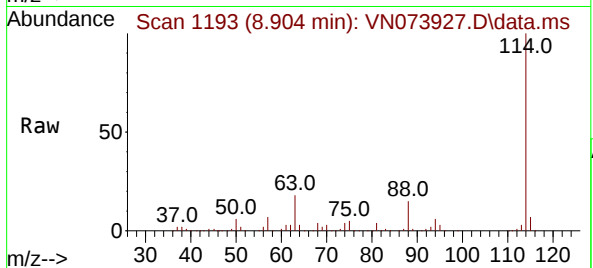
Tgt Ion:114 Resp: 927562

Ion Ratio Lower Upper

114 100

63 17.9 0.0 40.0

88 14.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.135 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073927.D

Acq: 16 Aug 2022 04:57

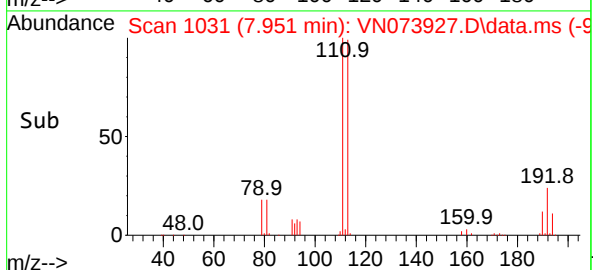
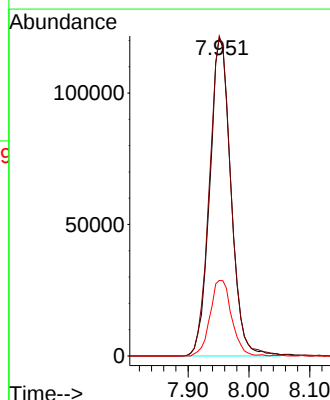
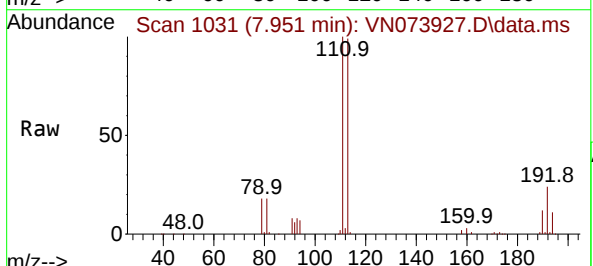
Tgt Ion:113 Resp: 291470

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 24.2 17.0 25.6





#37

Ethyl Acetate

Concen: 6.273 ug/l

RT: 7.340 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN073927.D

Acq: 16 Aug 2022 04:57

Instrument :

MSVOA_N

ClientSampleId :

S13

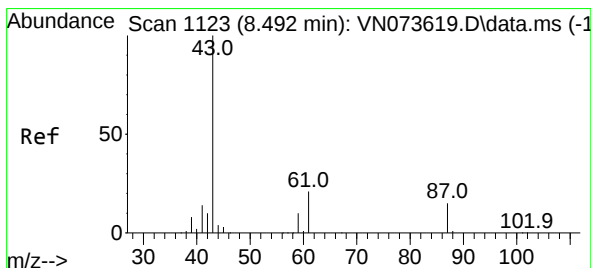
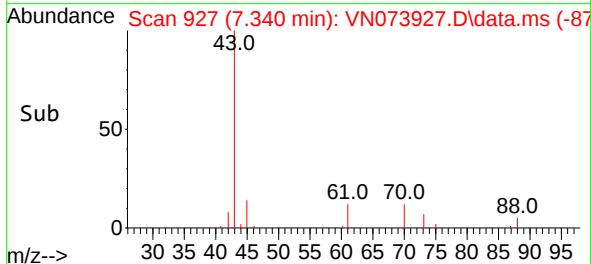
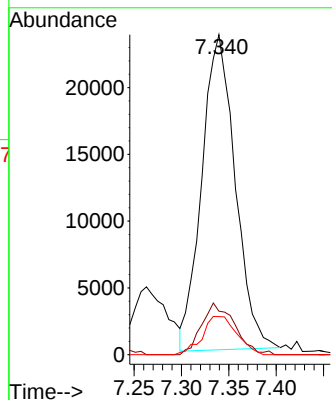
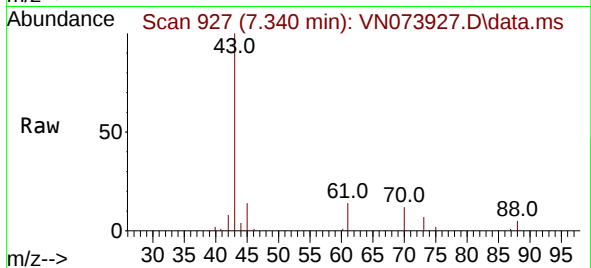
Tgt Ion: 43 Resp: 57905

Ion Ratio Lower Upper

43 100

61 16.2 11.8 17.6

70 12.5 9.3 13.9



#43

Isopropyl Acetate

Concen: 22.234 ug/l

RT: 8.498 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN073927.D

Acq: 16 Aug 2022 04:57

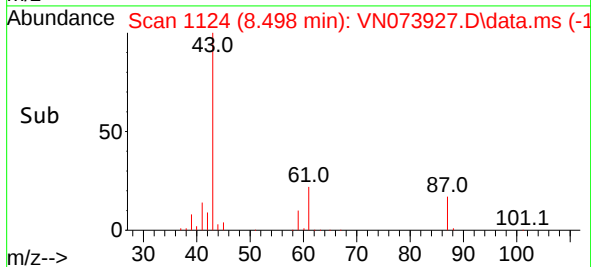
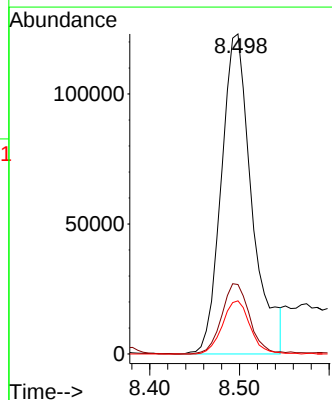
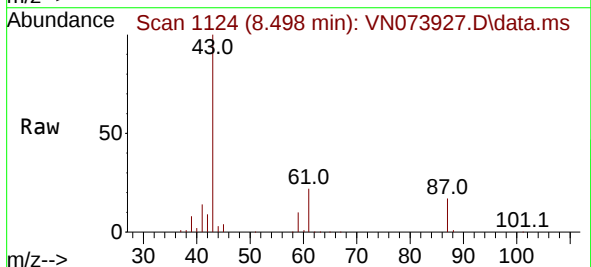
Tgt Ion: 43 Resp: 292375

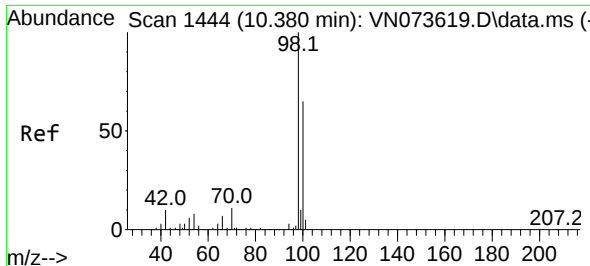
Ion Ratio Lower Upper

43 100

61 20.3 21.9 32.9#

87 15.0 12.0 18.0

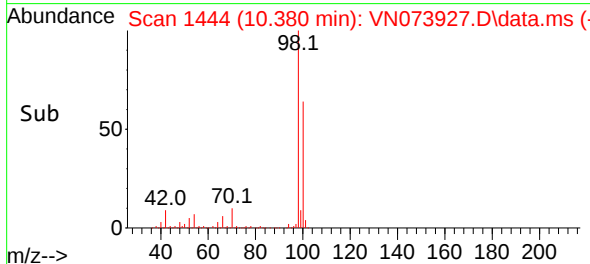
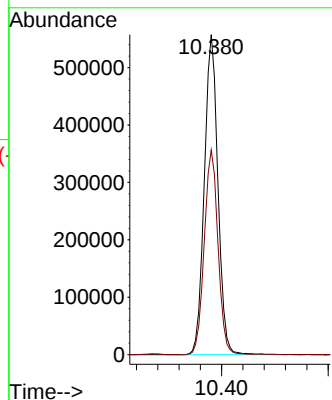
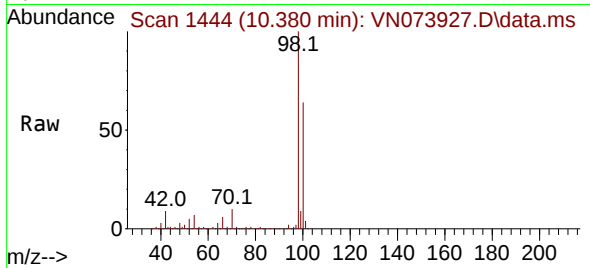




#50
Toluene-d8
Concen: 46.493 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073927.D
Acq: 16 Aug 2022 04:57

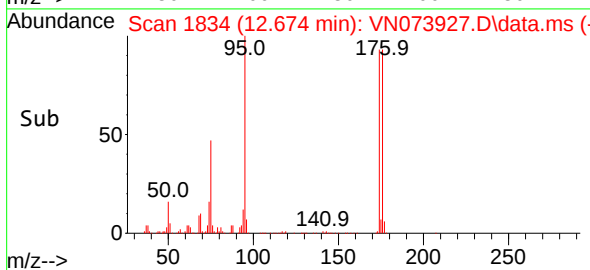
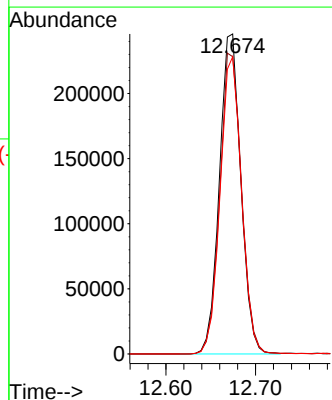
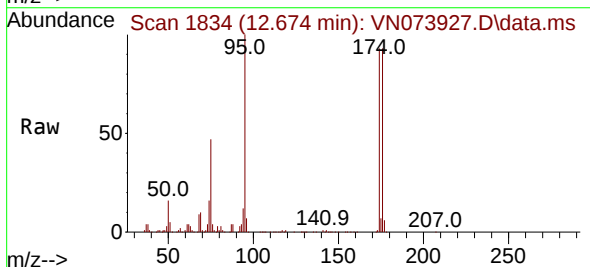
Instrument :
MSVOA_N
ClientSampleId :
S13

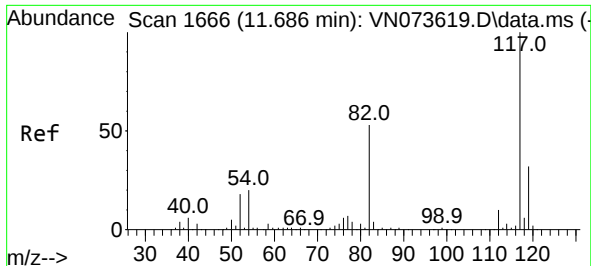
Tgt Ion: 98 Resp: 987740
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 57.747 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073927.D
Acq: 16 Aug 2022 04:57

Tgt Ion: 95 Resp: 407161
Ion Ratio Lower Upper
95 100
174 95.6 0.0 167.6
176 92.8 0.0 163.4

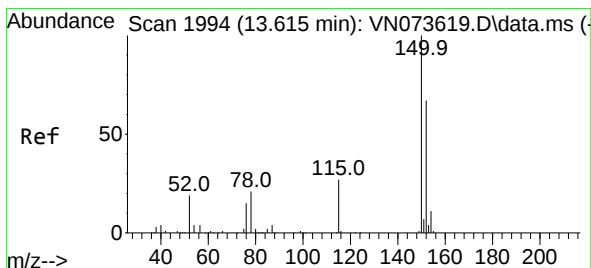
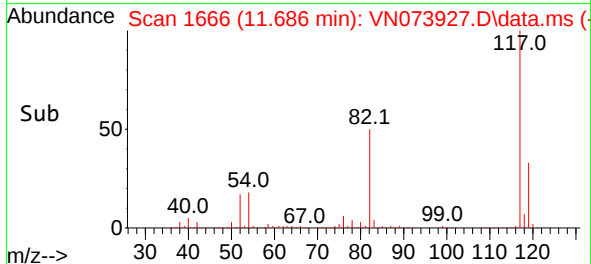
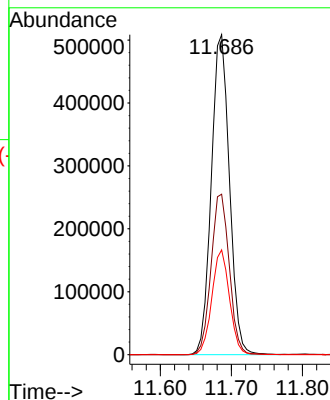
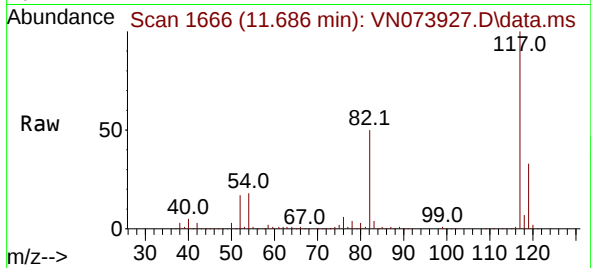




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073927.D
Acq: 16 Aug 2022 04:57

Instrument :
MSVOA_N
ClientSampleId :
S13

Tgt Ion:117 Resp: 900137
Ion Ratio Lower Upper
117 100
82 50.2 44.2 66.2
119 32.7 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: VN073927.D
Acq: 16 Aug 2022 04:57

Tgt Ion:152 Resp: 468037
Ion Ratio Lower Upper
152 100
115 54.5 28.9 86.7
150 156.9 0.0 356.2

