

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070122\
 Data File : VN073304.D
 Acq On : 01 Jul 2022 18:04
 Operator : JC\MD
 Sample : N3569-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-SPC-95-80

Quant Time: Jul 04 05:07:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

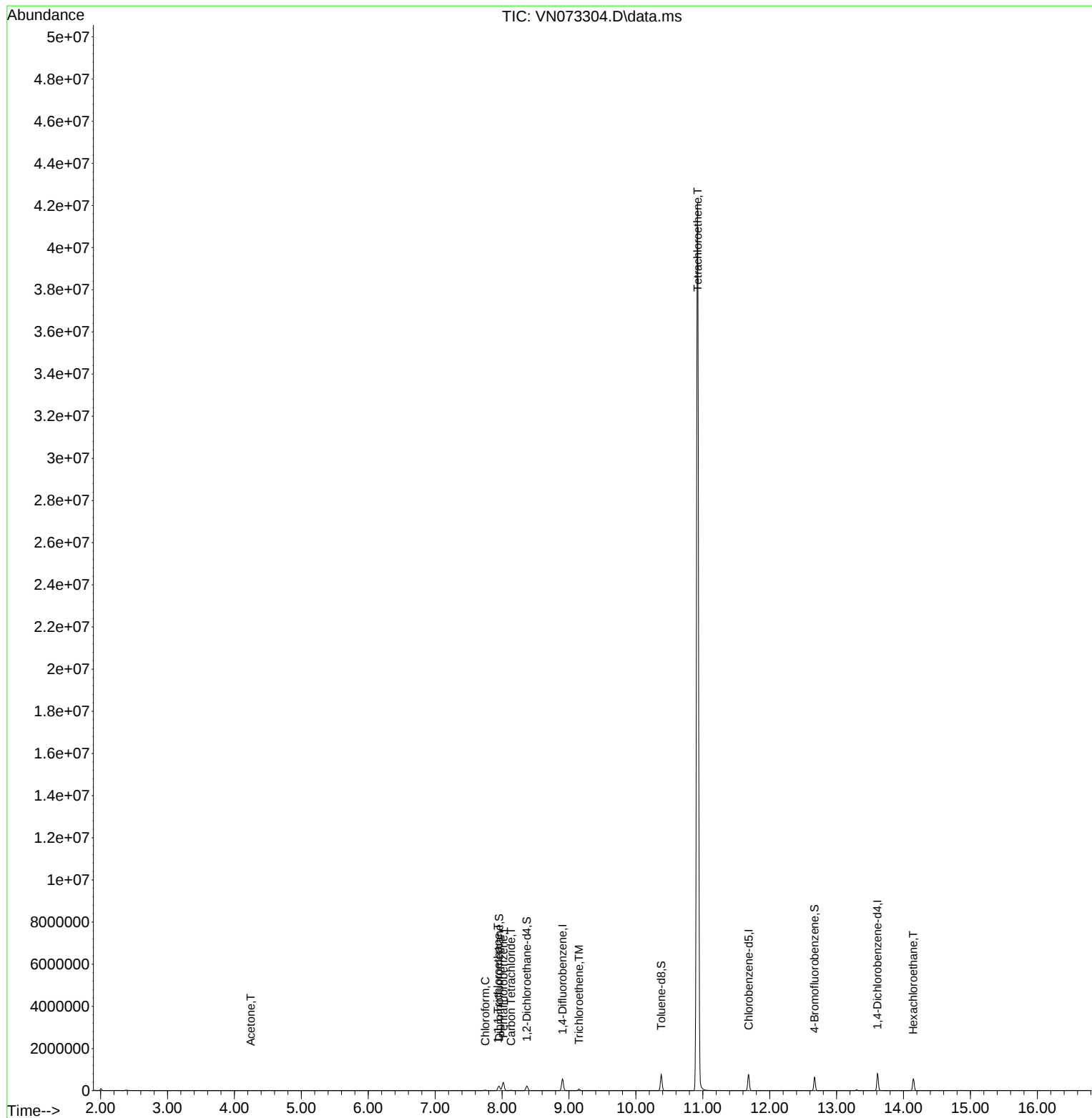
Internal Standards						
1) Pentafluorobenzene	8.022	168	289576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	484277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	440268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	214664	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	182732	43.712	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.420%
35) Dibromofluoromethane	7.957	113	153210	47.552	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.100%
50) Toluene-d8	10.380	98	511354	44.686	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.380%
62) 4-Bromofluorobenzene	12.668	95	219199	49.845	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.680%
Target Compounds						
					Qvalue	
16) Acetone	4.245	43	3840	1.636	ug/l #	86
30) Chloroform	7.751	83	27773	3.976	ug/l	94
32) 1,1,1-Trichloroethane	7.939	97	8680	1.395	ug/l	95
38) Carbon Tetrachloride	8.133	117	15123	2.950	ug/l	95
44) Trichloroethene	9.151	130	25618	6.580	ug/l	97
64) Tetrachloroethene	10.921	164	9737427	2708.519	ug/l #	87
90) Hexachloroethane	14.145	117	113068	41.292	ug/l	88

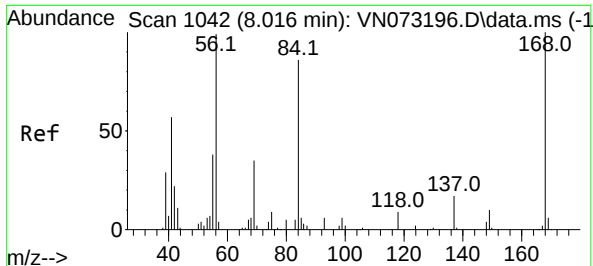
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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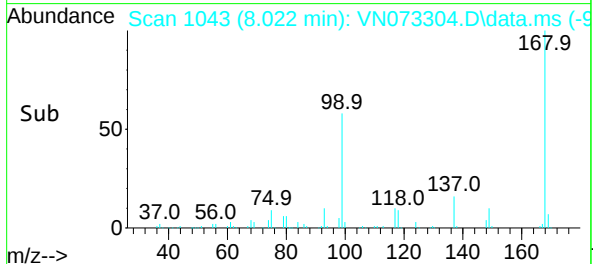
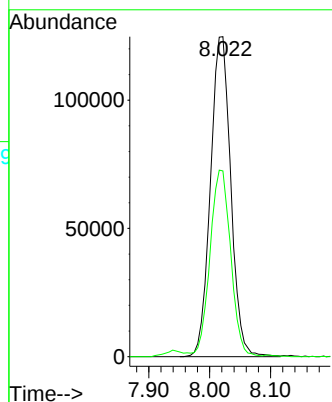
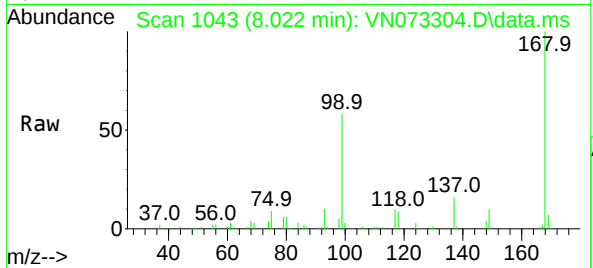




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN073304.D
Acq: 01 Jul 2022 18:04

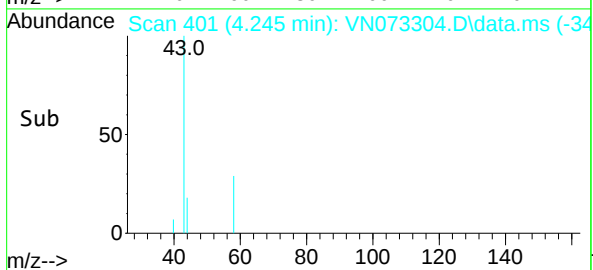
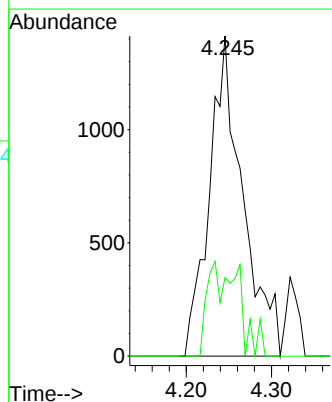
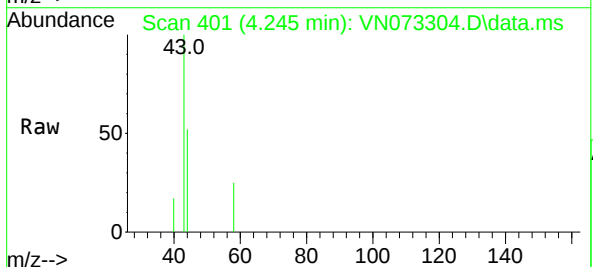
Instrument :
MSVOA_N
ClientSampleId :
152140-SPC-95-80

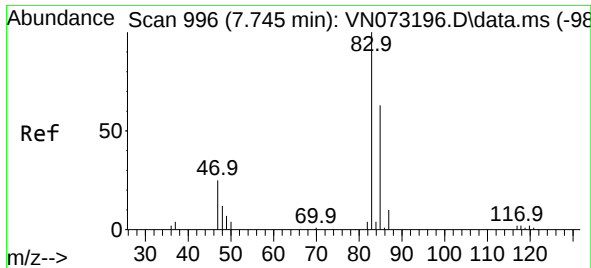
Tgt Ion:168 Resp: 289576
Ion Ratio Lower Upper
168 100
99 57.9 42.3 63.5



#16
Acetone
Concen: 1.636 ug/l
RT: 4.245 min Scan# 401
Delta R.T. 0.023 min
Lab File: VN073304.D
Acq: 01 Jul 2022 18:04

Tgt Ion: 43 Resp: 3840
Ion Ratio Lower Upper
43 100
58 24.5 26.0 39.0#

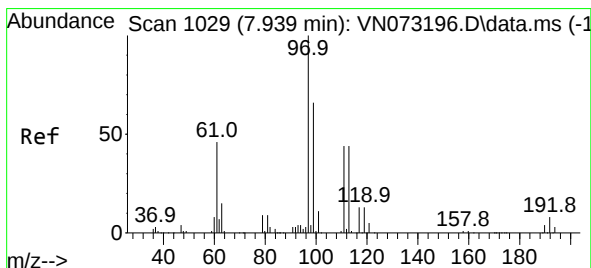
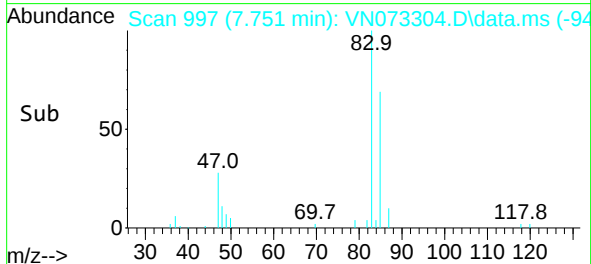
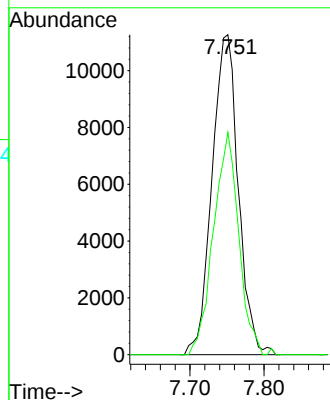
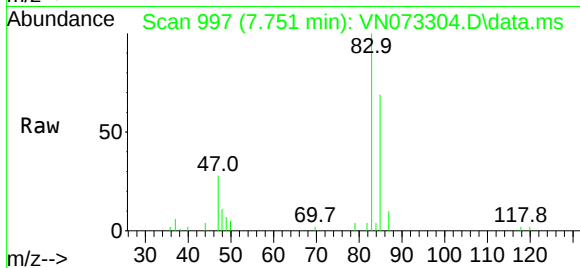




#30
Chloroform
Concen: 3.976 ug/l
RT: 7.751 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN073304.D
Acq: 01 Jul 2022 18:04

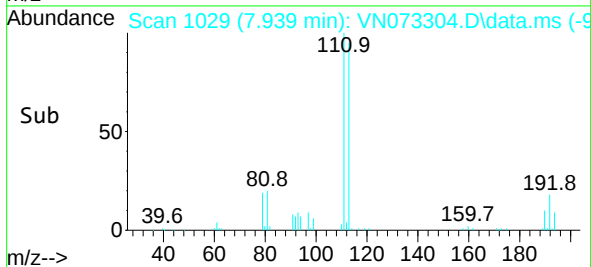
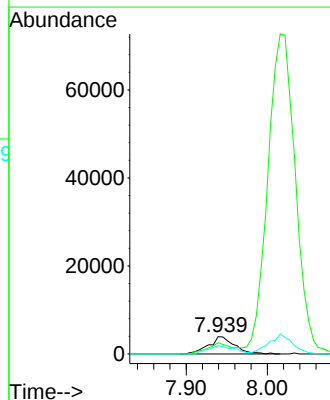
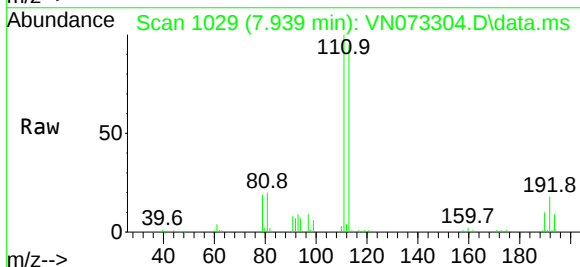
Instrument :
MSVOA_N
ClientSampleId :
152140-SPC-95-80

Tgt Ion: 83 Resp: 27773
Ion Ratio Lower Upper
83 100
85 69.4 51.8 77.8



#32
1,1,1-Trichloroethane
Concen: 1.395 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN073304.D
Acq: 01 Jul 2022 18:04

Tgt Ion: 97 Resp: 8680
Ion Ratio Lower Upper
97 100
99 65.2 50.6 76.0
61 50.2 36.0 54.0

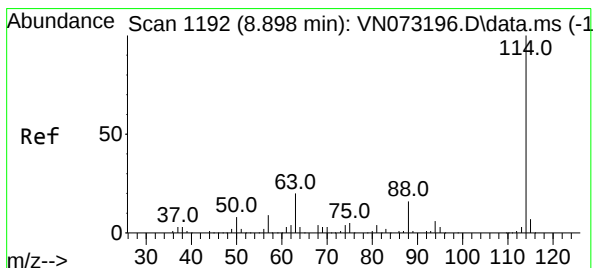
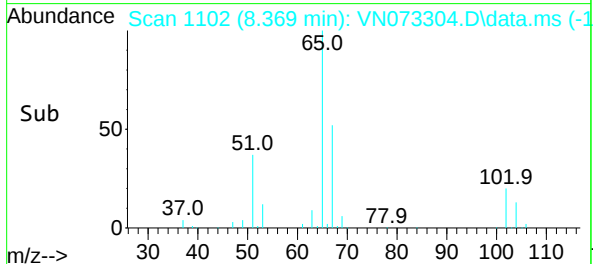
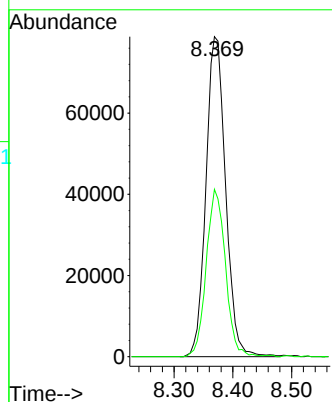
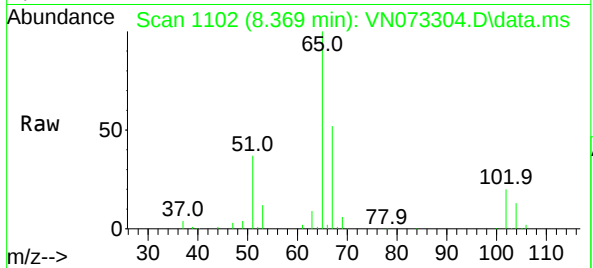




#33
 1,2-Dichloroethane-d4
 Concen: 43.712 ug/l
 RT: 8.369 min Scan# 1102
 Delta R.T. -0.000 min
 Lab File: VN073304.D
 Acq: 01 Jul 2022 18:04

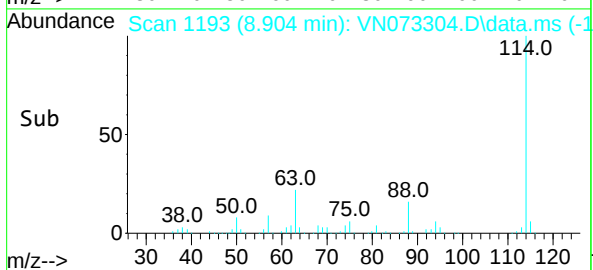
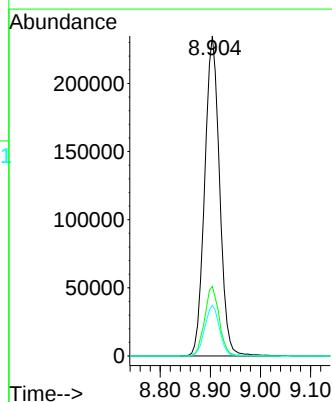
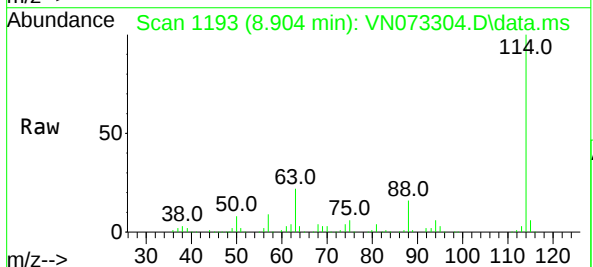
Instrument :
 MSVOA_N
 ClientSampleId :
 152140-SPC-95-80

Tgt Ion: 65 Resp: 182732
 Ion Ratio Lower Upper
 65 100
 67 51.1 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: VN073304.D
 Acq: 01 Jul 2022 18:04

Tgt Ion: 114 Resp: 484277
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 40.0
 88 15.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.552 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073304.D

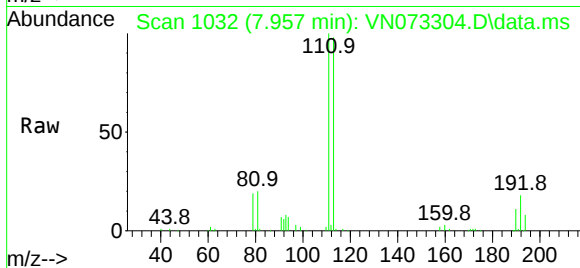
Acq: 01 Jul 2022 18:04

Instrument :

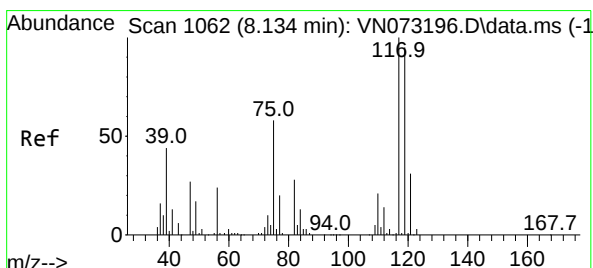
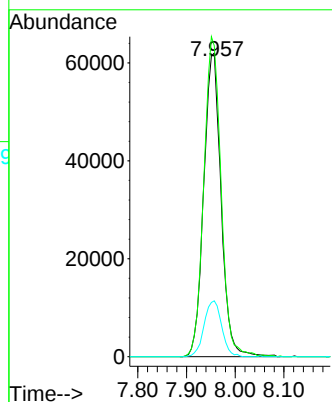
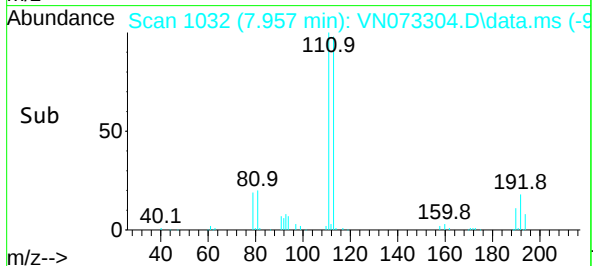
MSVOA_N

ClientSampleId :

152140-SPC-95-80



Tgt Ion:	113	Resp:	153210
Ion	Ratio	Lower	Upper
113	100		
111	104.9	81.4	122.0
192	18.6	17.0	25.6



#38

Carbon Tetrachloride

Concen: 2.950 ug/l

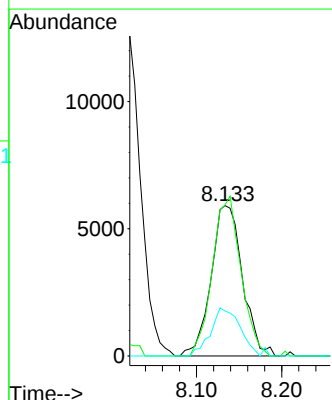
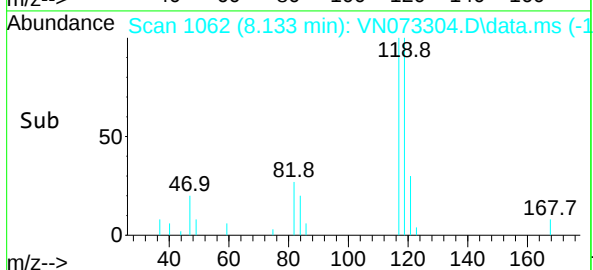
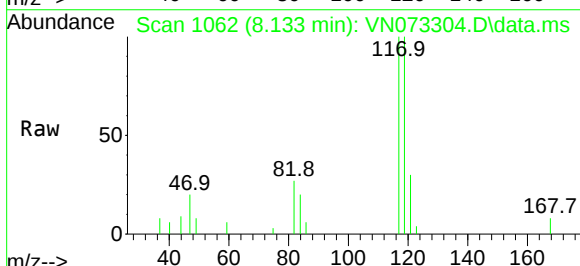
RT: 8.133 min Scan# 1062

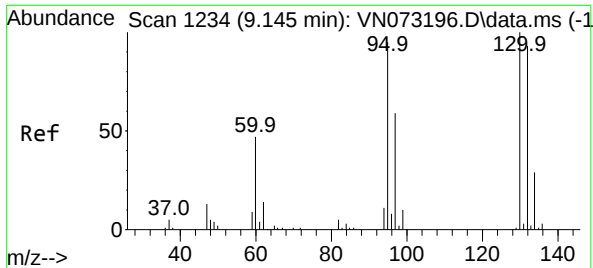
Delta R.T. -0.001 min

Lab File: VN073304.D

Acq: 01 Jul 2022 18:04

Tgt Ion:	117	Resp:	15123
Ion	Ratio	Lower	Upper
117	100		
119	100.3	75.8	113.8
121	29.9	24.6	37.0

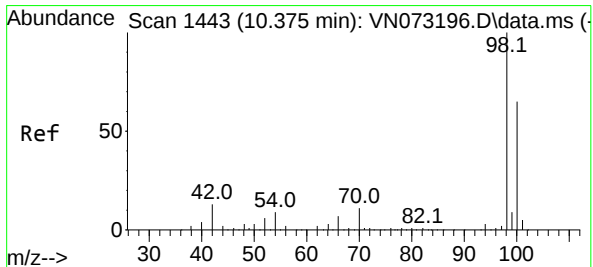
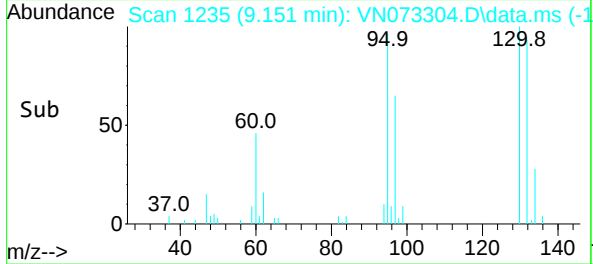
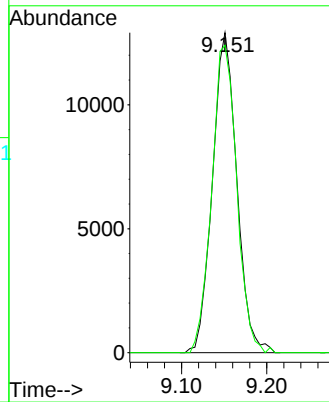
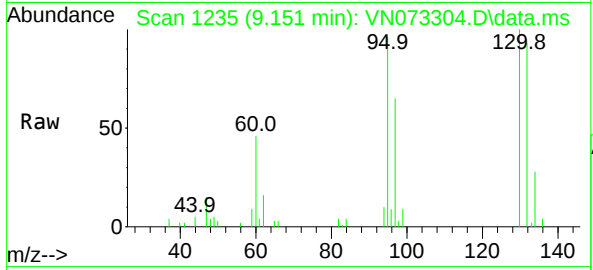




#44
Trichloroethene
Concen: 6.580 ug/l
RT: 9.151 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073304.D
Acq: 01 Jul 2022 18:04

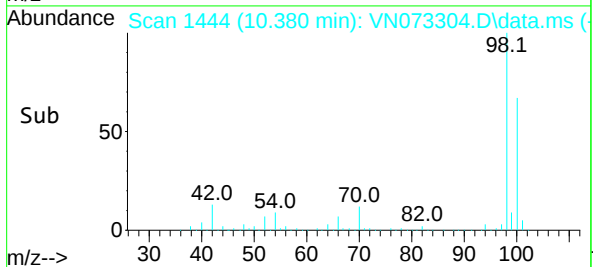
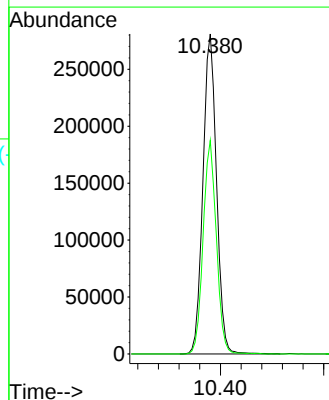
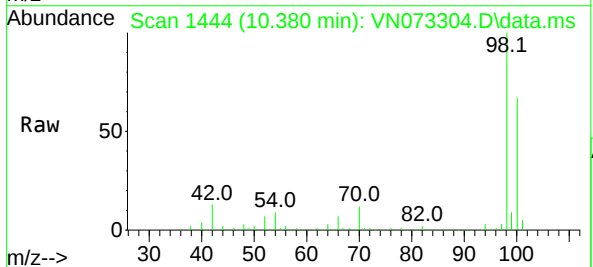
Instrument :
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152140-SPC-95-80

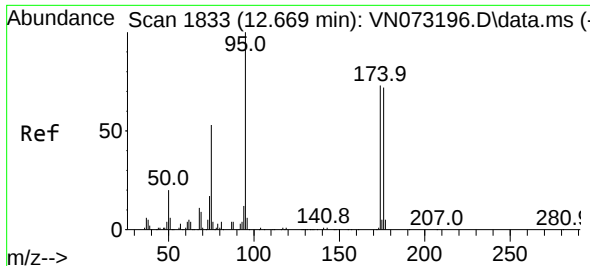
Tgt Ion:130 Resp: 25618
Ion Ratio Lower Upper
130 100
95 96.1 0.0 186.8



#50
Toluene-d8
Concen: 44.686 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073304.D
Acq: 01 Jul 2022 18:04

Tgt Ion: 98 Resp: 511354
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8

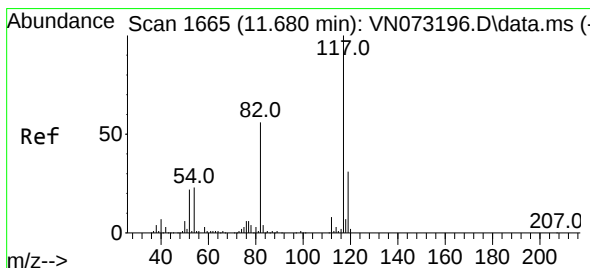
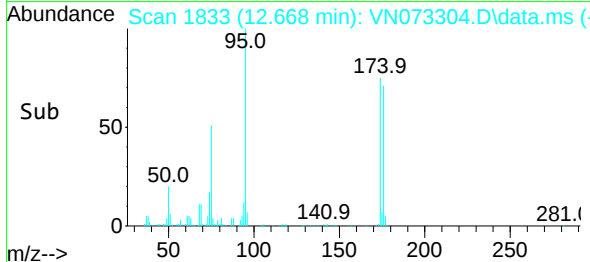
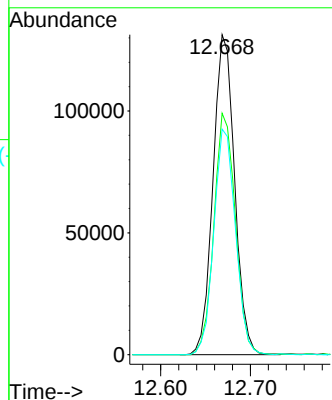
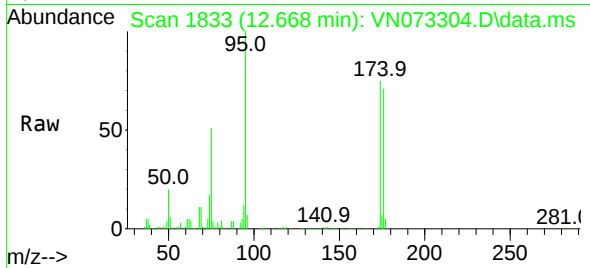




#62
4-Bromofluorobenzene
Concen: 49.845 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073304.D
Acq: 01 Jul 2022 18:04

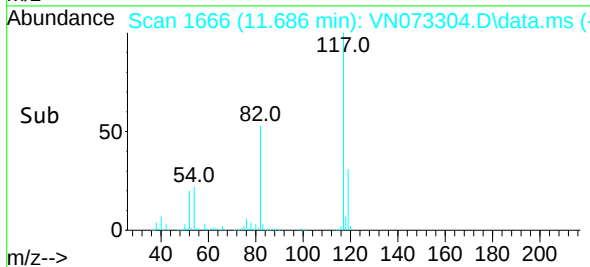
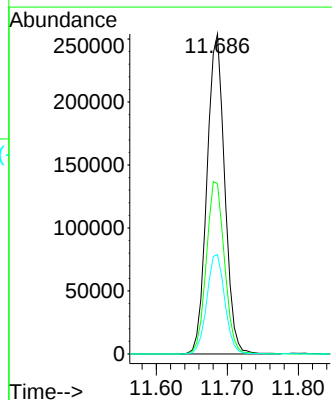
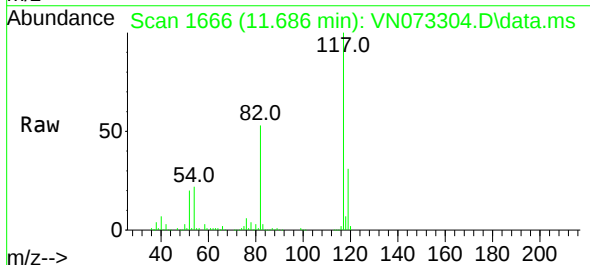
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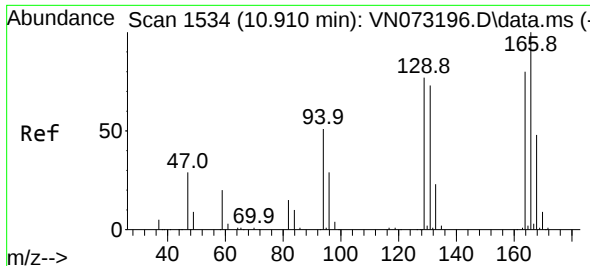
Tgt Ion: 95 Resp: 219199
Ion Ratio Lower Upper
95 100
174 75.0 0.0 167.6
176 70.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073304.D
Acq: 01 Jul 2022 18:04

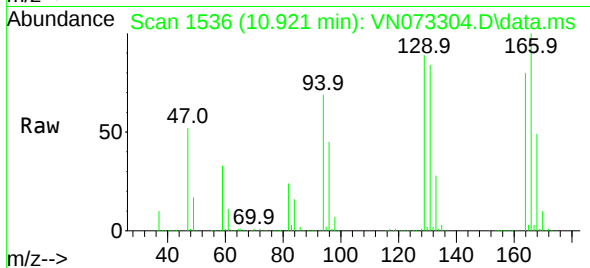
Tgt Ion: 117 Resp: 440268
Ion Ratio Lower Upper
117 100
82 53.3 44.2 66.2
119 31.0 25.4 38.0



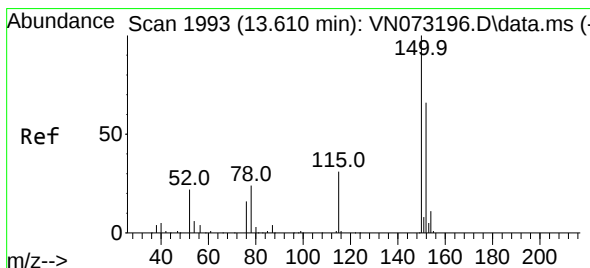
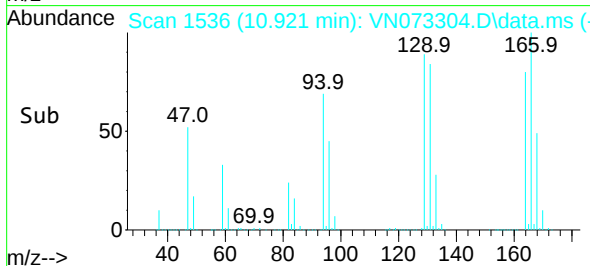
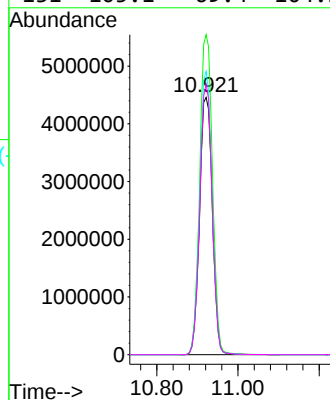


#64
Tetrachloroethene
Concen: 2708.519 ug/l
RT: 10.921 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN073304.D
Acq: 01 Jul 2022 18:04

Instrument :
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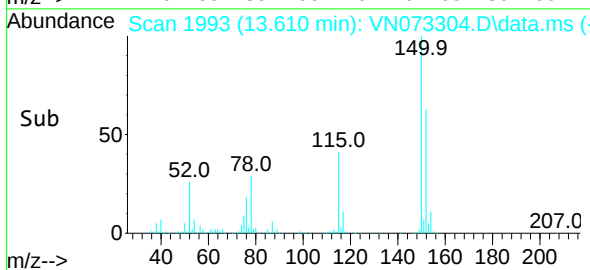
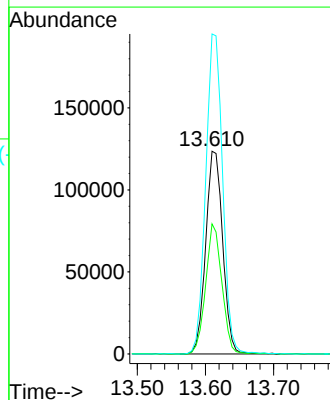
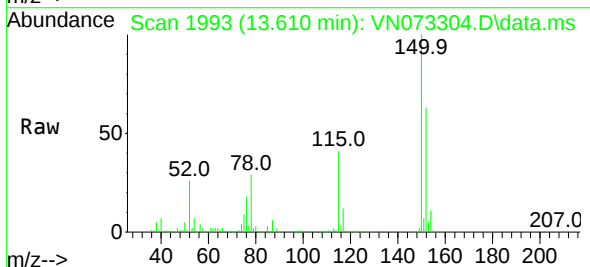


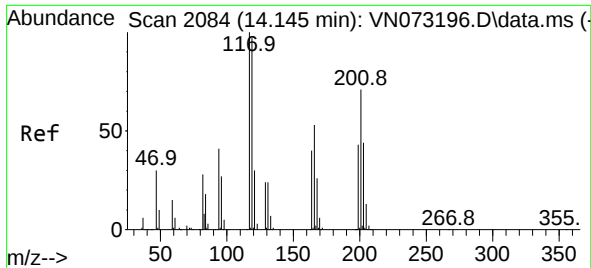
Tgt Ion:164 Resp: 9737427
Ion Ratio Lower Upper
164 100
166 124.3 104.2 156.2
129 110.1 73.9 110.9
131 105.1 69.4 104.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073304.D
Acq: 01 Jul 2022 18:04

Tgt Ion:152 Resp: 214664
Ion Ratio Lower Upper
152 100
115 61.0 28.9 86.7
150 156.8 0.0 356.2





#90
 Hexachloroethane
 Concen: 41.292 ug/l
 RT: 14.145 min Scan# 2084
 Delta R.T. -0.000 min
 Lab File: VN073304.D
 Acq: 01 Jul 2022 18:04

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-SPC-95-80

Tgt Ion:117 Resp: 113068
 Ion Ratio Lower Upper
 117 100
 201 70.4 40.6 122.0

