

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082622\
 Data File : VN074143.D
 Acq On : 26 Aug 2022 18:13
 Operator : JC\MD
 Sample : N4297-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP03-20220820

Quant Time: Aug 27 00:22:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 06:44:47 2022
 Response via : Initial Calibration

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

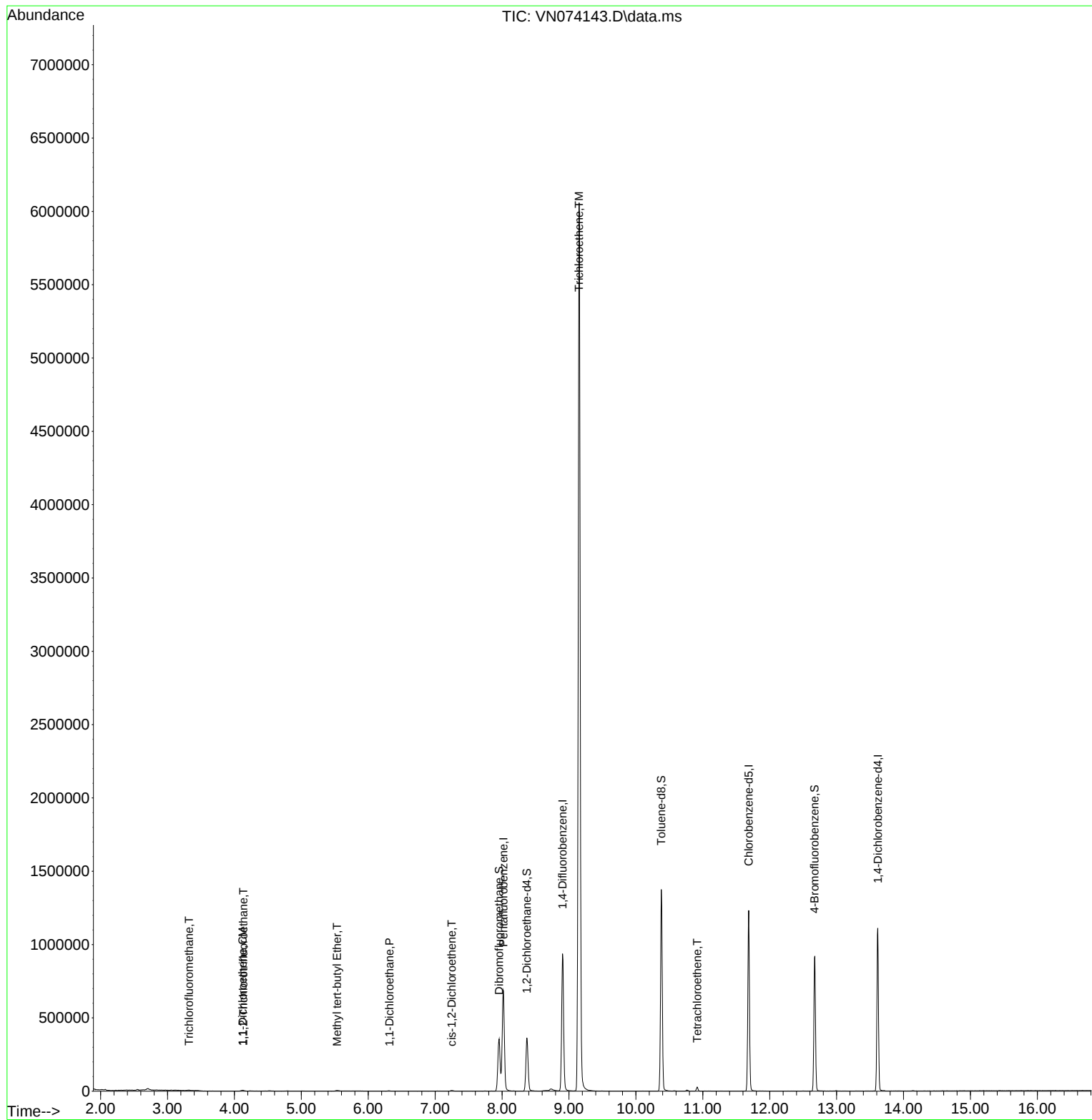
Internal Standards						
1) Pentafluorobenzene	8.022	168	575695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	874860	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	741190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	322413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	305685	54.516	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.040%	
35) Dibromofluoromethane	7.957	113	265040	51.227	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.460%	
50) Toluene-d8	10.380	98	981315	48.973	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.940%	
62) 4-Bromofluorobenzene	12.669	95	304988	45.862	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.720%	
Target Compounds						Qvalue
7) Trichlorofluoromethane	3.322	101	2802	0.333	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.134	101	1649	0.338	ug/l #	87
12) 1,1-Dichloroethene	4.122	96	2968	0.653	ug/l #	86
19) Methyl tert-butyl Ether	5.534	73	5856	0.358	ug/l	95
24) 1,1-Dichloroethane	6.316	63	3586	0.404	ug/l #	82
27) cis-1,2-Dichloroethene	7.245	96	3234	0.524	ug/l	67
44) Trichloroethene	9.151	130	2377400	362.910	ug/l	99
64) Tetrachloroethene	10.916	164	6402	1.094	ug/l	95

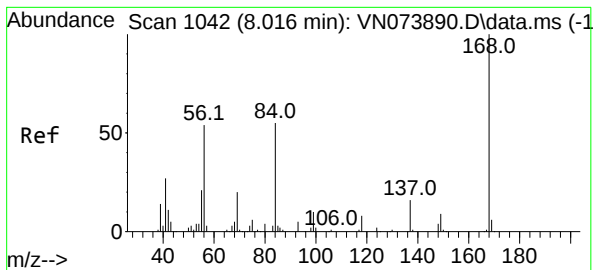
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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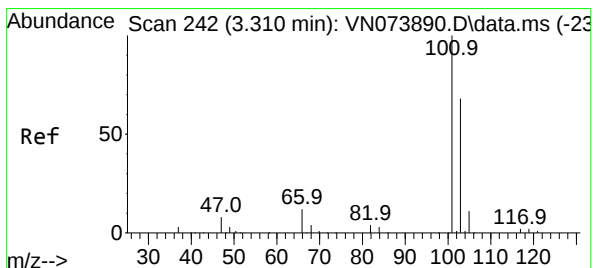
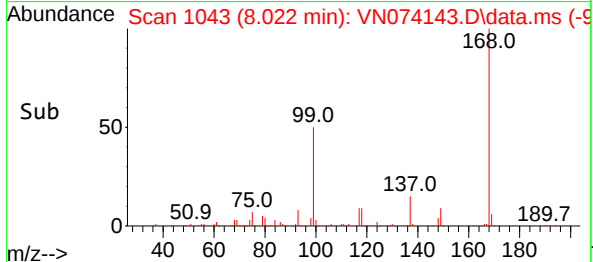
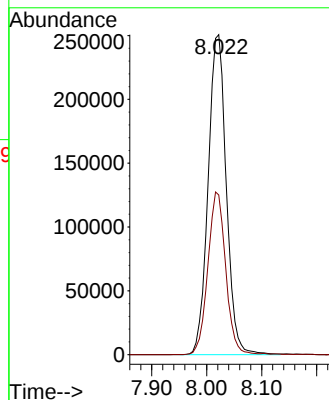
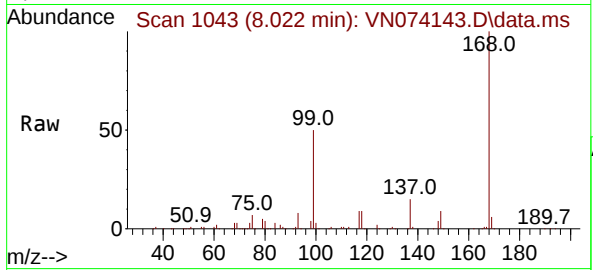




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN074143.D
Acq: 26 Aug 2022 18:13

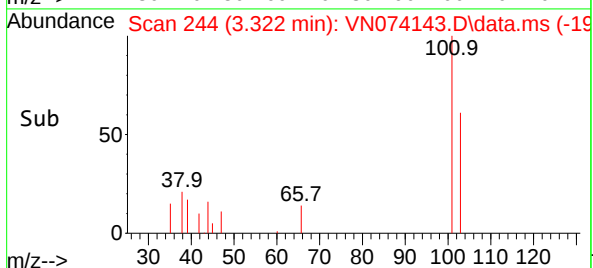
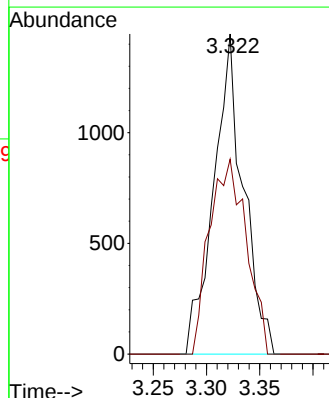
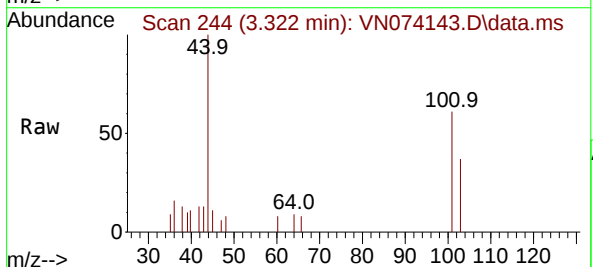
Instrument :
MSVOA_N
ClientSampleId :
DUP03-20220820

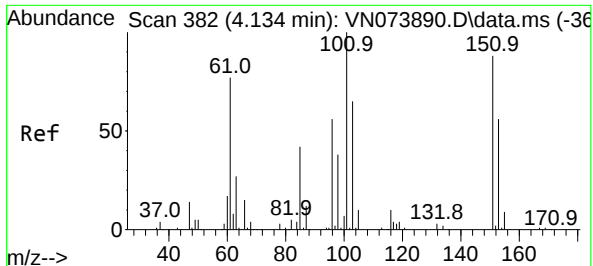
Tgt Ion:168 Resp: 575695
Ion Ratio Lower Upper
168 100
99 49.8 42.3 63.5



#7
Trichlorofluoromethane
Concen: 0.333 ug/l
RT: 3.322 min Scan# 244
Delta R.T. 0.012 min
Lab File: VN074143.D
Acq: 26 Aug 2022 18:13

Tgt Ion:101 Resp: 2802
Ion Ratio Lower Upper
101 100
103 60.9 51.5 77.3

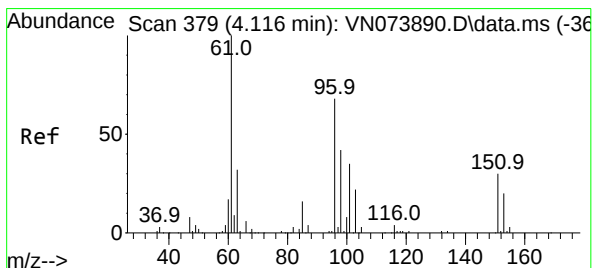
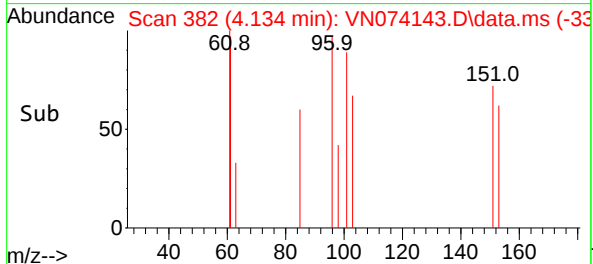
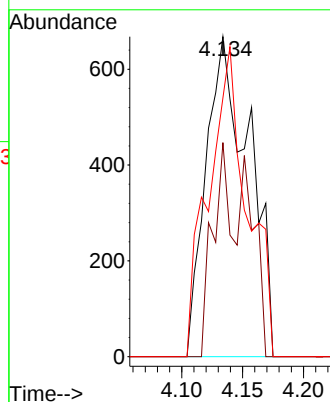
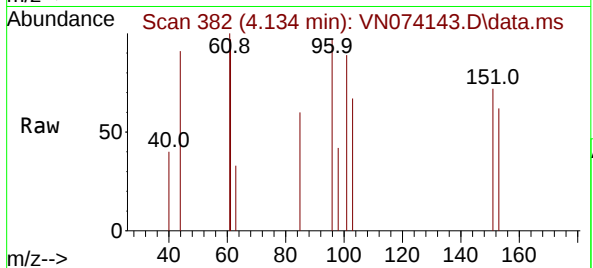




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.338 ug/l
 RT: 4.134 min Scan# 382
 Delta R.T. -0.000 min
 Lab File: VN074143.D
 Acq: 26 Aug 2022 18:13

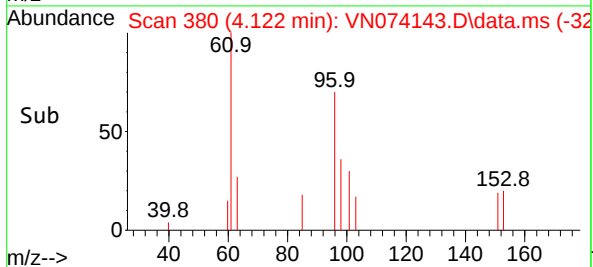
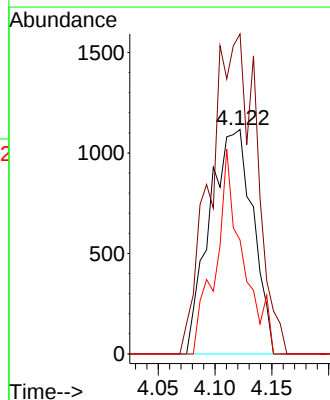
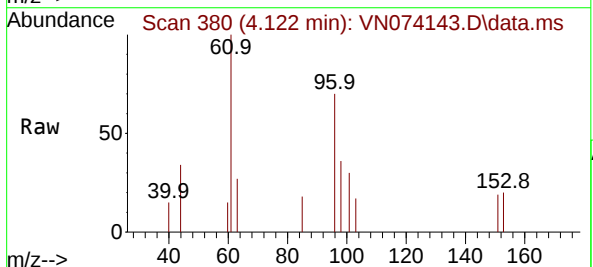
Instrument :
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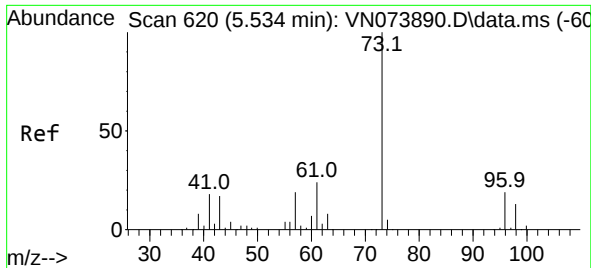
Tgt Ion:101 Resp: 1649
 Ion Ratio Lower Upper
 101 100
 85 31.1 34.7 52.1#
 151 86.6 63.0 94.4



#12
 1,1-Dichloroethene
 Concen: 0.653 ug/l
 RT: 4.122 min Scan# 380
 Delta R.T. 0.012 min
 Lab File: VN074143.D
 Acq: 26 Aug 2022 18:13

Tgt Ion: 96 Resp: 2968
 Ion Ratio Lower Upper
 96 100
 61 142.5 127.6 191.4
 98 50.8 51.2 76.8#

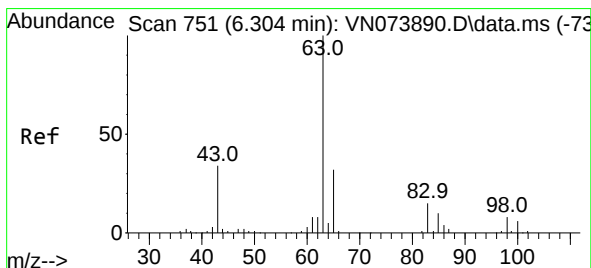
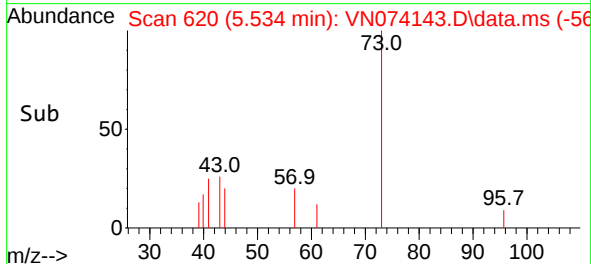
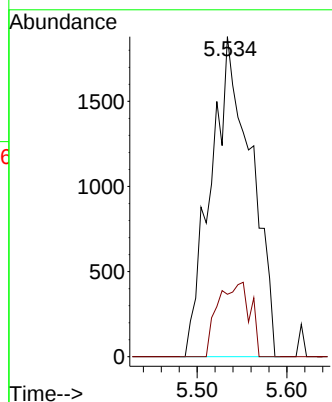
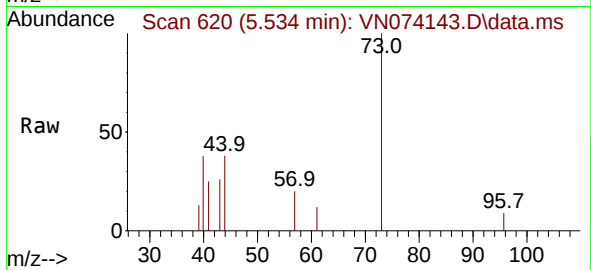




#19
Methyl tert-butyl Ether
Concen: 0.358 ug/l
RT: 5.534 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN074143.D
Acq: 26 Aug 2022 18:13

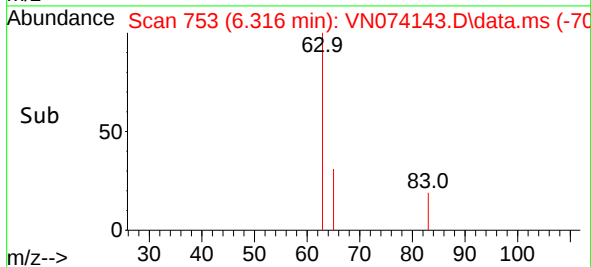
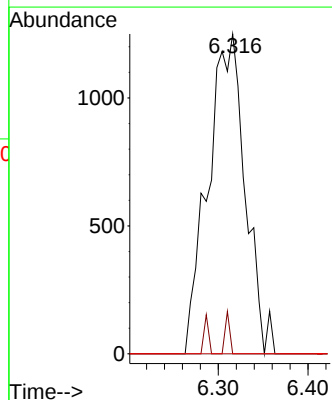
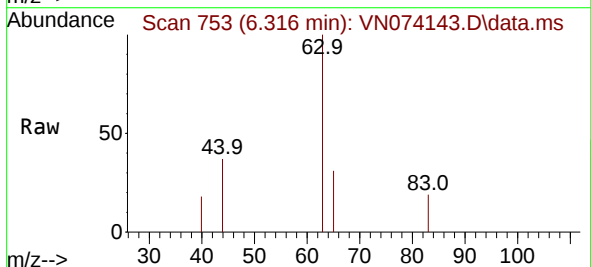
Instrument :
MSVOA_N
ClientSampleId :
DUP03-20220820

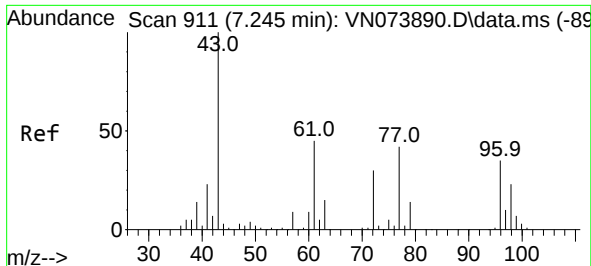
Tgt Ion: 73 Resp: 5856
Ion Ratio Lower Upper
73 100
57 19.5 17.6 26.4



#24
1,1-Dichloroethane
Concen: 0.404 ug/l
RT: 6.316 min Scan# 753
Delta R.T. 0.012 min
Lab File: VN074143.D
Acq: 26 Aug 2022 18:13

Tgt Ion: 63 Resp: 3586
Ion Ratio Lower Upper
63 100
98 0.0 3.5 10.4#
100 0.0 2.3 6.8#

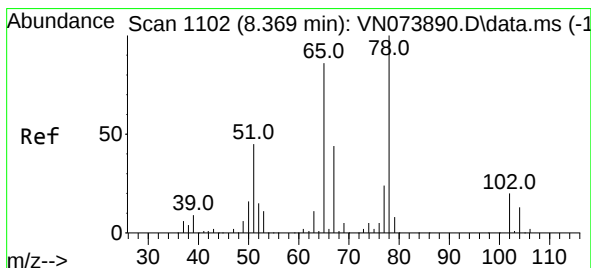
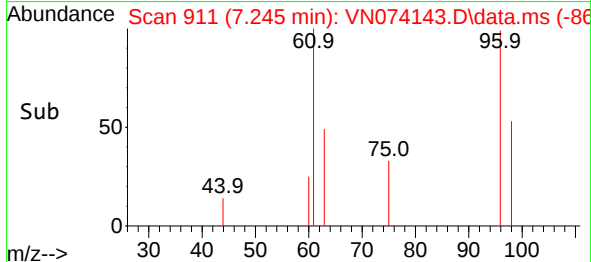
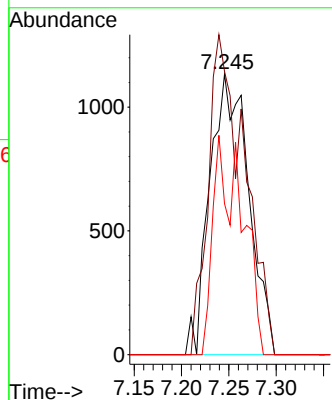
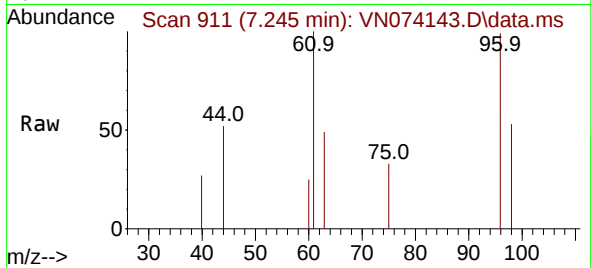




#27
 cis-1,2-Dichloroethene
 Concen: 0.524 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VN074143.D
 Acq: 26 Aug 2022 18:13

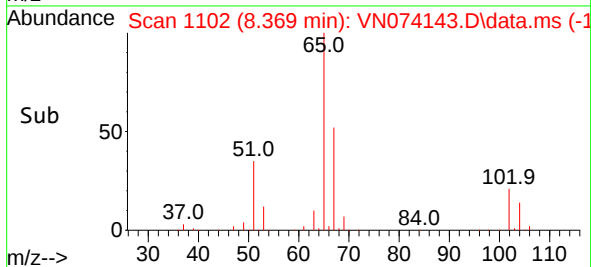
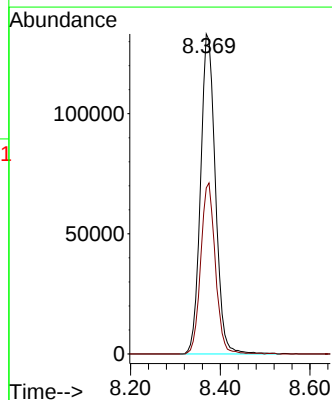
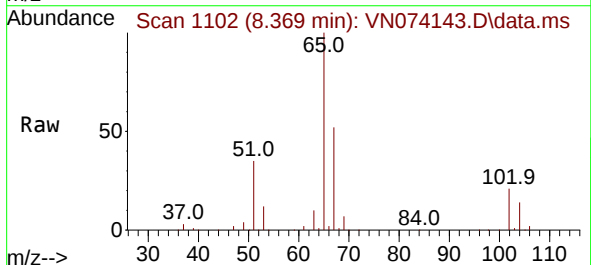
Instrument :
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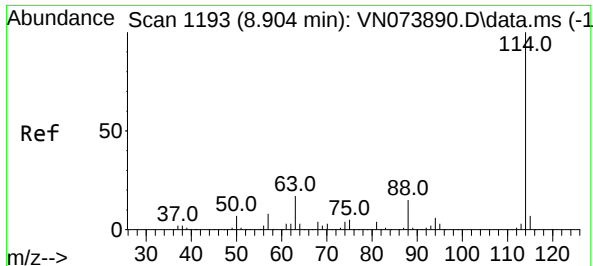
Tgt Ion: 96 Resp: 3234
 Ion Ratio Lower Upper
 96 100
 61 106.2 0.0 280.6
 98 30.8 0.0 128.4



#33
 1,2-Dichloroethane-d4
 Concen: 54.516 ug/l
 RT: 8.369 min Scan# 1102
 Delta R.T. -0.000 min
 Lab File: VN074143.D
 Acq: 26 Aug 2022 18:13

Tgt Ion: 65 Resp: 305685
 Ion Ratio Lower Upper
 65 100
 67 52.6 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: VN074143.D

Acq: 26 Aug 2022 18:13

Instrument :

MSVOA_N

ClientSampleId :

DUP03-20220820

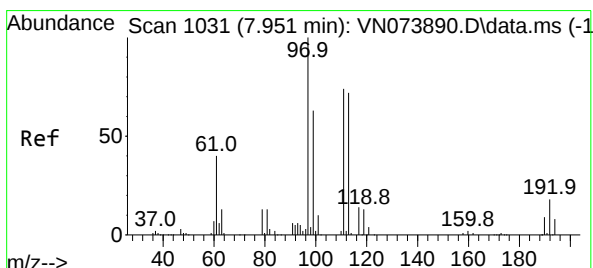
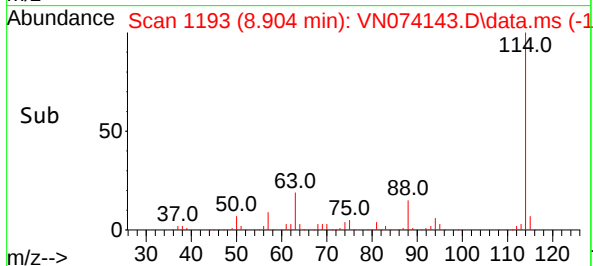
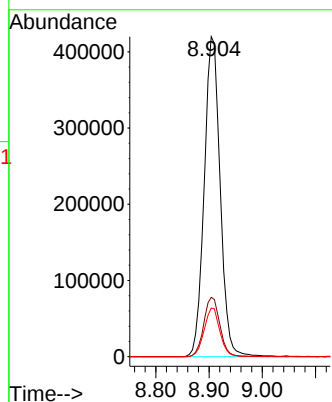
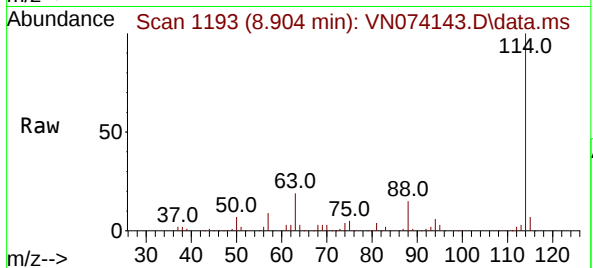
Tgt Ion:114 Resp: 874860

Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.0

88 15.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.227 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN074143.D

Acq: 26 Aug 2022 18:13

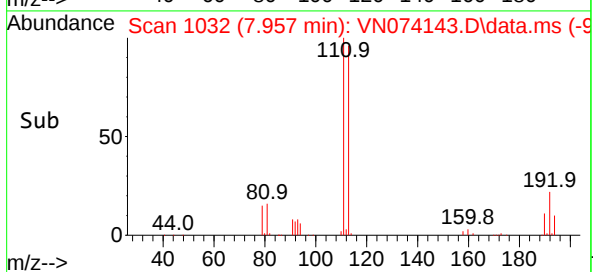
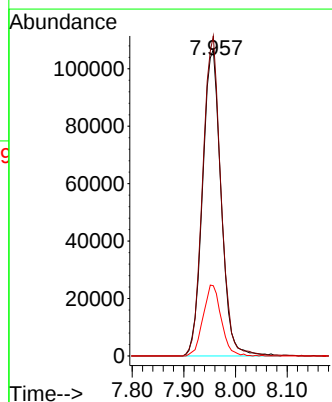
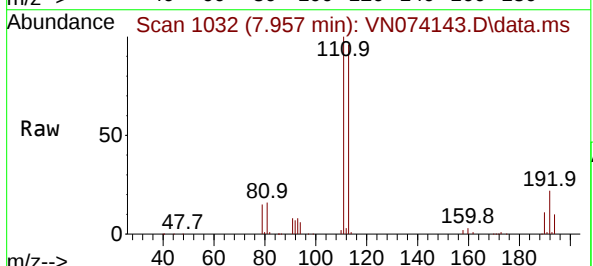
Tgt Ion:113 Resp: 265040

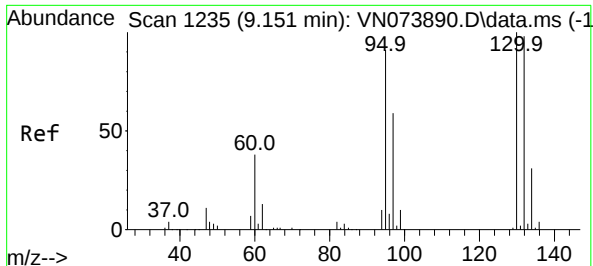
Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

192 22.6 17.0 25.6

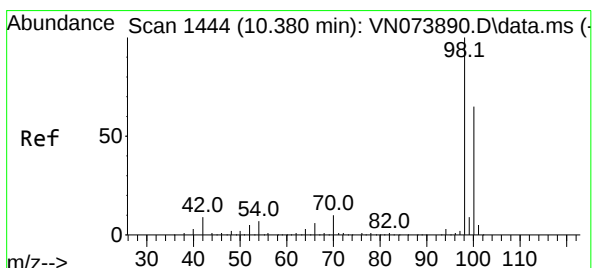
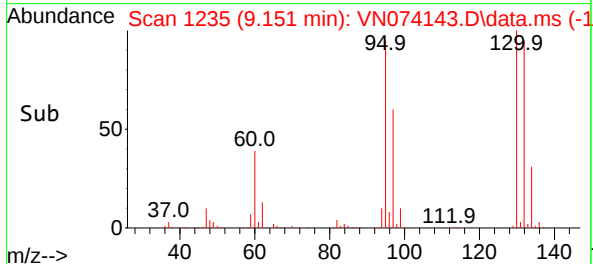
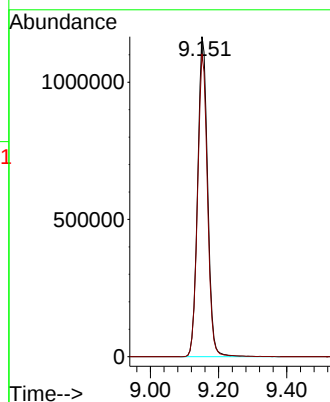
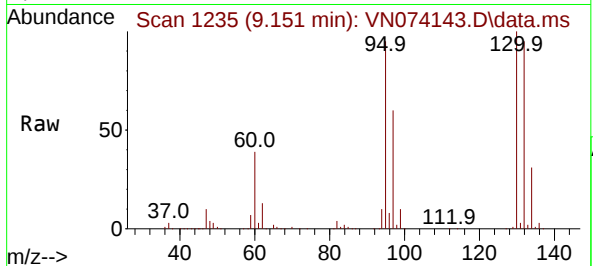




#44
Trichloroethene
Concen: 362.910 ug/l
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074143.D
Acq: 26 Aug 2022 18:13

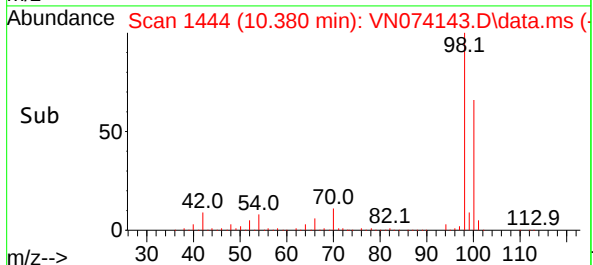
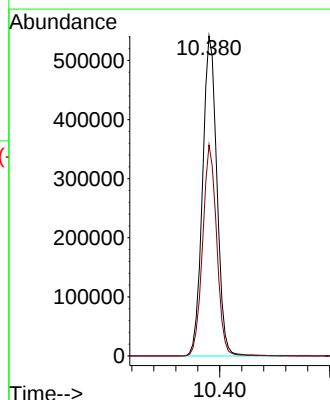
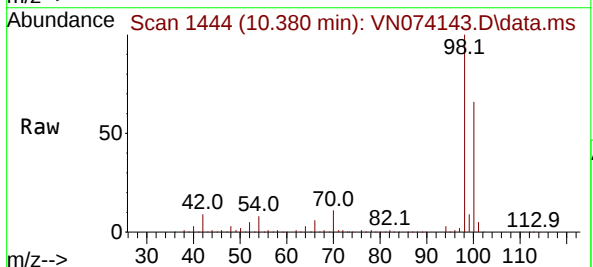
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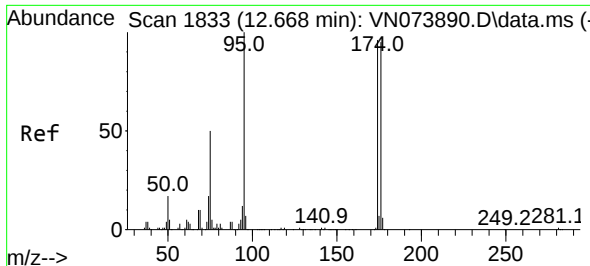
Tgt Ion:130 Resp: 2377400
Ion Ratio Lower Upper
130 100
95 94.6 0.0 186.8



#50
Toluene-d8
Concen: 48.973 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074143.D
Acq: 26 Aug 2022 18:13

Tgt Ion: 98 Resp: 981315
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8

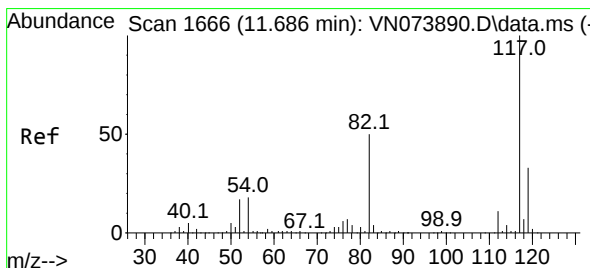
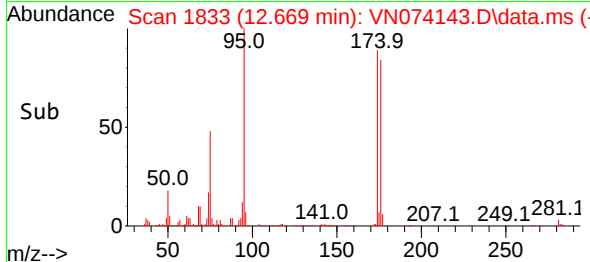
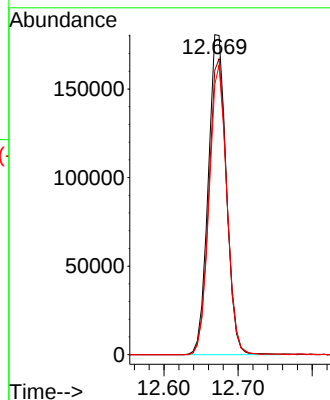
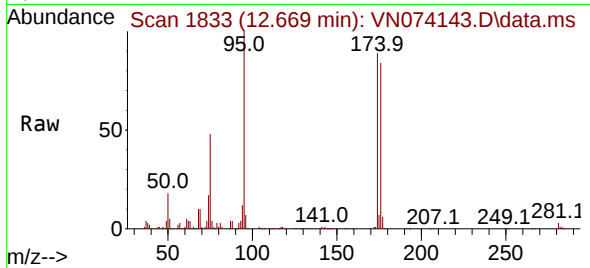




#62
4-Bromofluorobenzene
Concen: 45.862 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN074143.D
Acq: 26 Aug 2022 18:13

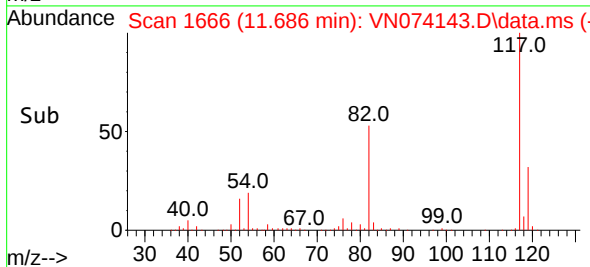
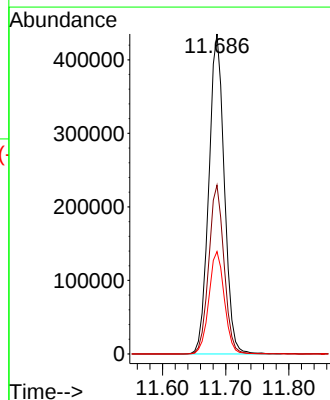
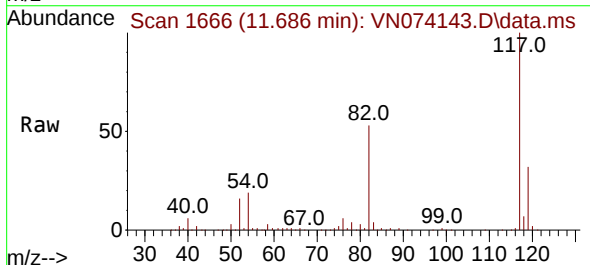
Instrument :
MSVOA_N
ClientSampleId :
DUP03-20220820

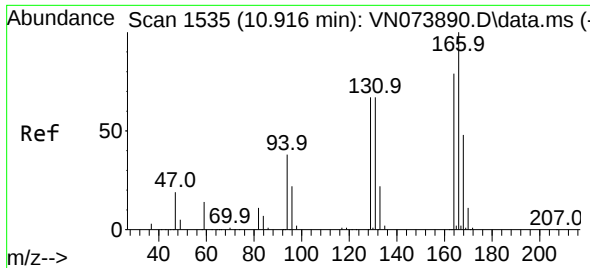
Tgt Ion:	95	Resp:	304988
Ion	Ratio	Lower	Upper
95	100		
174	92.1	0.0	167.6
176	88.6	0.0	163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074143.D
Acq: 26 Aug 2022 18:13

Tgt Ion:	117	Resp:	741190
Ion	Ratio	Lower	Upper
117	100		
82	52.7	44.2	66.2
119	32.0	25.4	38.0



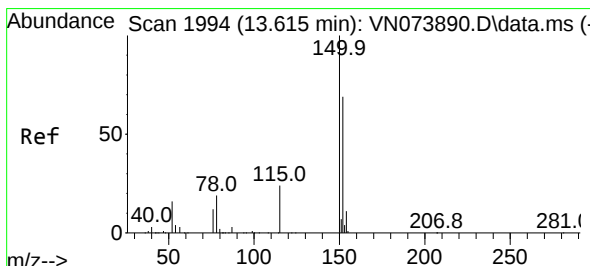
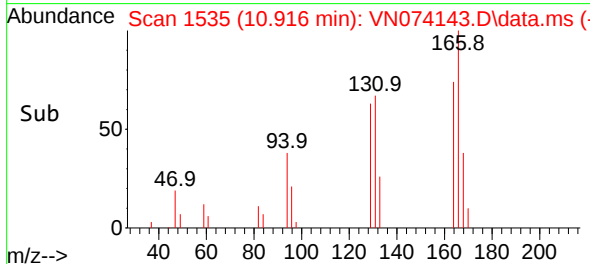
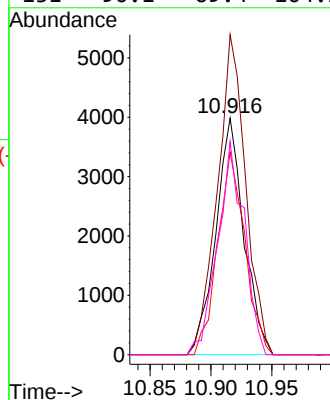
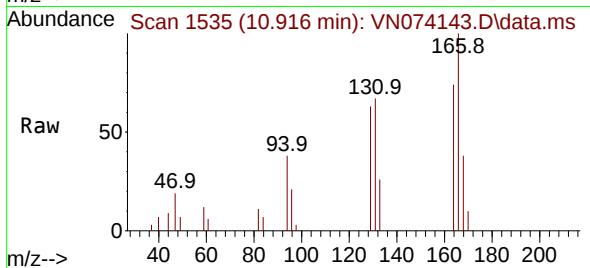


#64
Tetrachloroethene
Concen: 1.094 ug/l
RT: 10.916 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074143.D
Acq: 26 Aug 2022 18:13

Instrument :
MSVOA_N
ClientSampleId :
DUP03-20220820

Tgt Ion:164 Resp: 6402

Ion	Ratio	Lower	Upper
164	100		
166	135.3	104.2	156.2
129	85.7	73.9	110.9
131	90.1	69.4	104.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074143.D
Acq: 26 Aug 2022 18:13

Tgt Ion:152 Resp: 322413

Ion	Ratio	Lower	Upper
152	100		
115	55.7	28.9	86.7
150	156.0	0.0	356.2

