Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082422\
Data File : VN074092.D
Acq On : 24 Aug 2022 15:26
Operator : JC\MD
Sample : N4244-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-103D

Quant Time: Aug 25 07:54:33 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	587774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	892234	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	750896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	326553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	305260	53.322	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.640%			
35) Dibromofluoromethane	7.951	113	268152	50.819	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.640%			
50) Toluene-d8	10.381	98	993482	48.615	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.220%			
62) 4-Bromofluorobenzene	12.669	95	311861	45.982	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.960%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.116	96	3380	0.729	ug/l #	79
16) Acetone	4.240	43	7581	2.807	ug/l	94
24) 1,1-Dichloroethane	6.310	63	17754	1.958	ug/l #	94
27) cis-1,2-Dichloroethene	7.245	96	7385	1.171	ug/l	88
44) Trichloroethene	9.157	130	2781	0.416	ug/l	72

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

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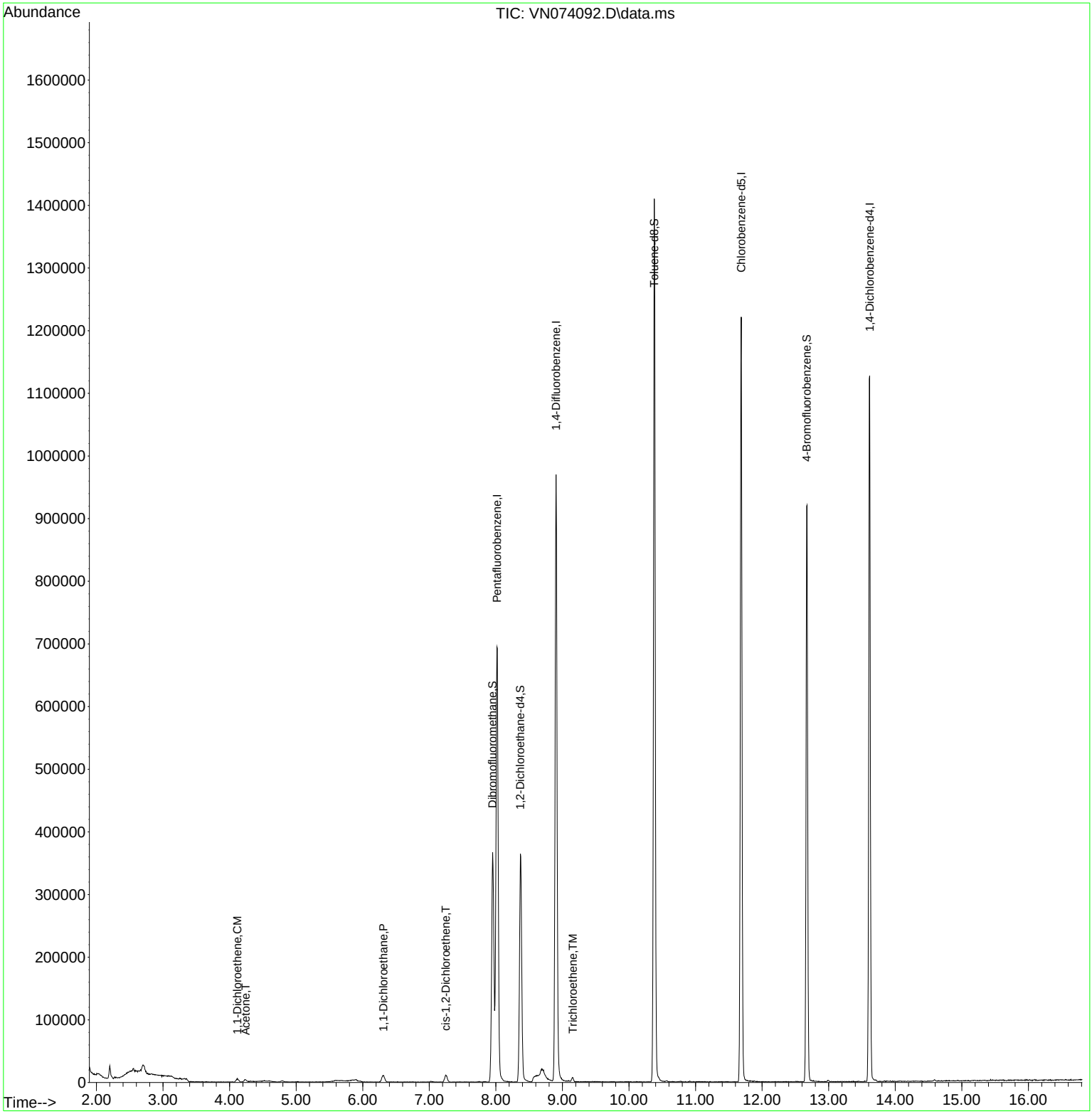
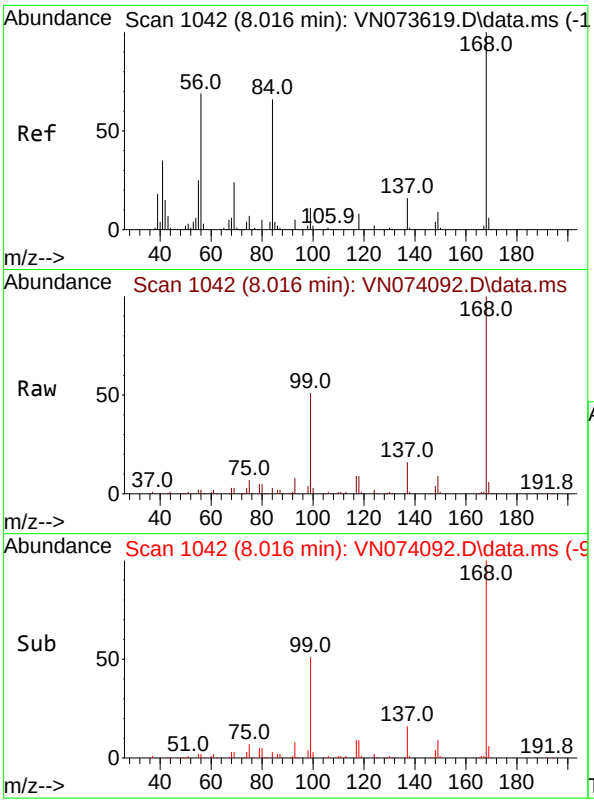


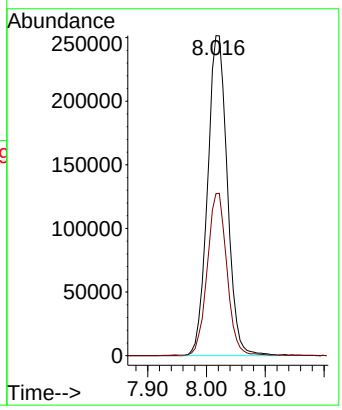


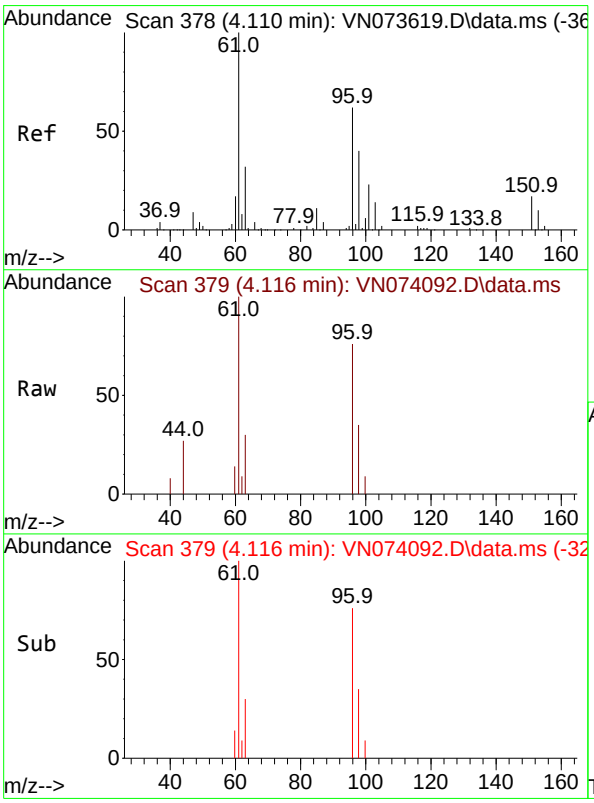
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN074092.D
Acq: 24 Aug 2022 15:26

Instrument :
MSVOA_N
ClientSampleId :
MW-103D

Tgt Ion:168 Resp: 587774

Ion	Ratio	Lower	Upper
168	100		
99	50.5	42.3	63.5

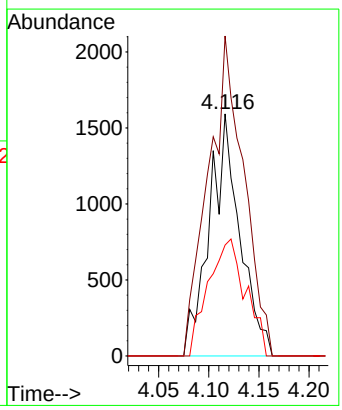


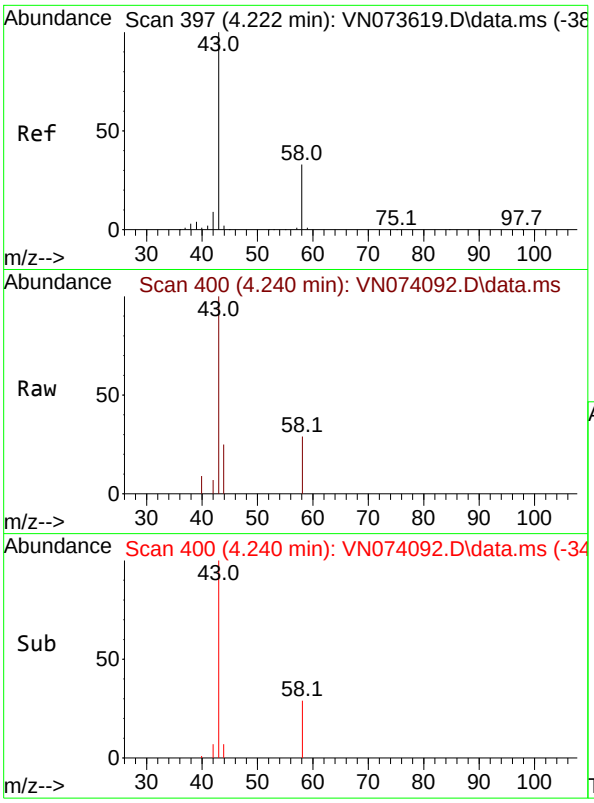


#12
1,1-Dichloroethene
Concen: 0.729 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN074092.D
Acq: 24 Aug 2022 15:26

Tgt Ion: 96 Resp: 3380

Ion	Ratio	Lower	Upper
96	100		
61	132.2	127.6	191.4
98	45.8	51.2	76.8#



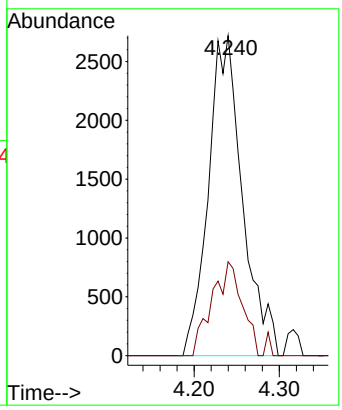


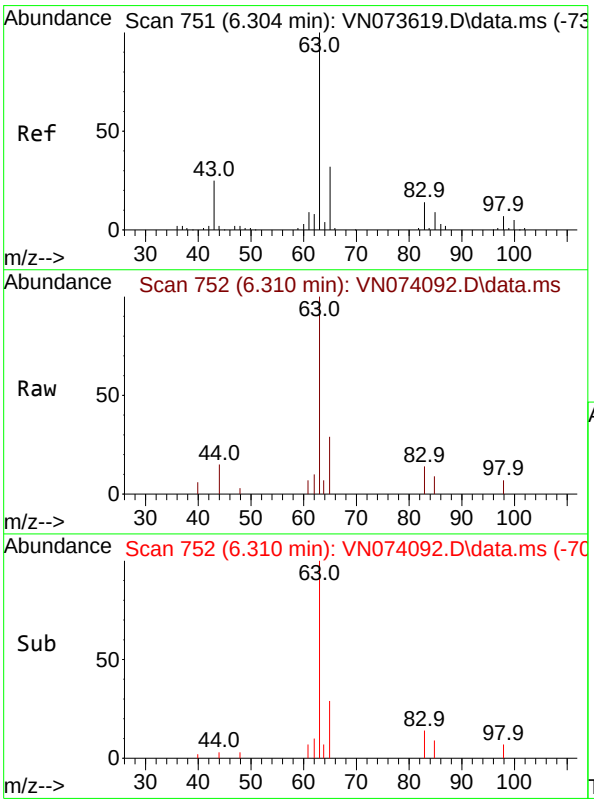
#16
Acetone
Concen: 2.807 ug/l
RT: 4.240 min Scan# 4(
Delta R.T. 0.018 min
Lab File: VN074092.D
Acq: 24 Aug 2022 15:26

Instrument :
MSVOA_N
ClientSampleId :
MW-103D

Tgt Ion: 43 Resp: 7581

Ion	Ratio	Lower	Upper
43	100		
58	29.3	26.0	39.0

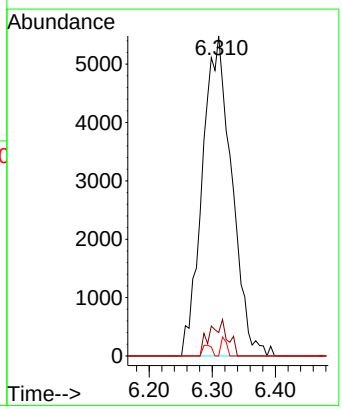


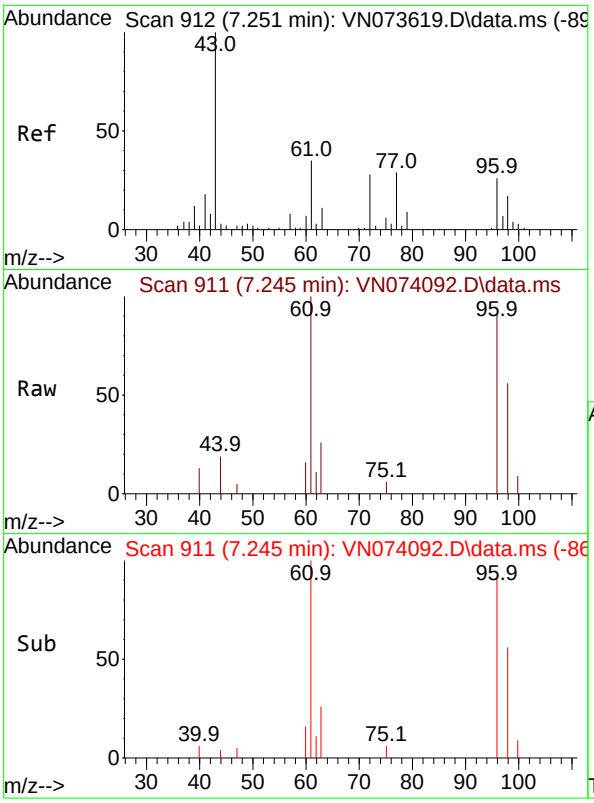


#24
1,1-Dichloroethane
Concen: 1.958 ug/l
RT: 6.310 min Scan# 752
Delta R.T. 0.006 min
Lab File: VN074092.D
Acq: 24 Aug 2022 15:26

Tgt Ion: 63 Resp: 17754

Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.5	10.4
100	0.0	2.3	6.8#



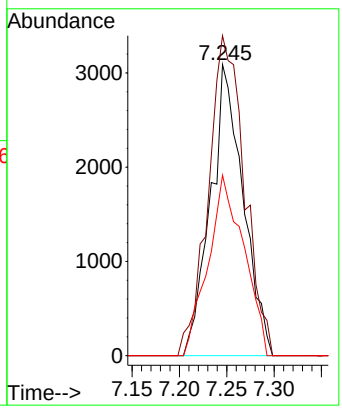


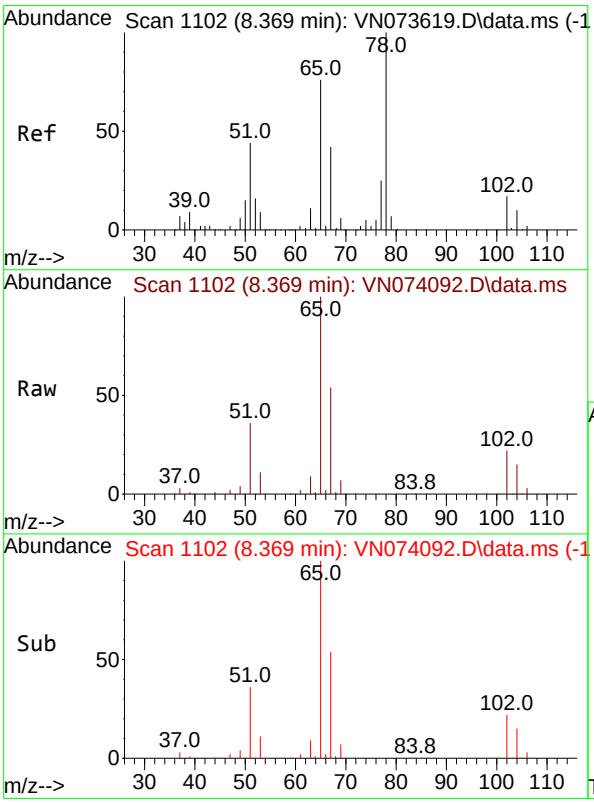
#27
cis-1,2-Dichloroethene
Concen: 1.171 ug/l
RT: 7.245 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074092.D
Acq: 24 Aug 2022 15:26

Instrument :
MSVOA_N
ClientSampleId :
MW-103D

Tgt Ion: 96 Resp: 7385

Ion	Ratio	Lower	Upper
96	100		
61	121.7	0.0	280.6
98	67.7	0.0	128.4

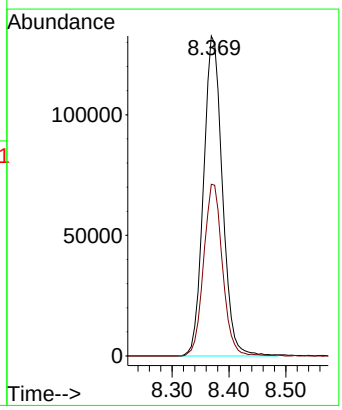


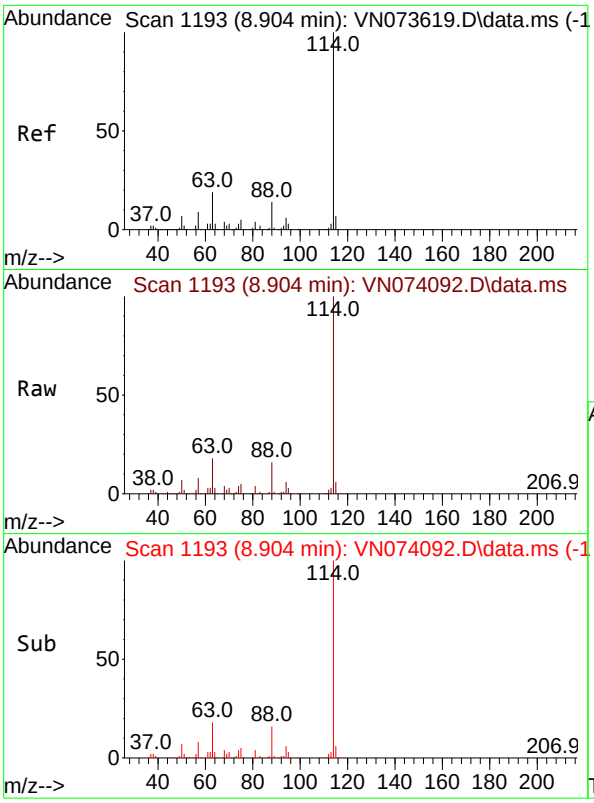


#33
1,2-Dichloroethane-d4
Concen: 53.322 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074092.D
Acq: 24 Aug 2022 15:26

Tgt Ion: 65 Resp: 305260

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	104.8



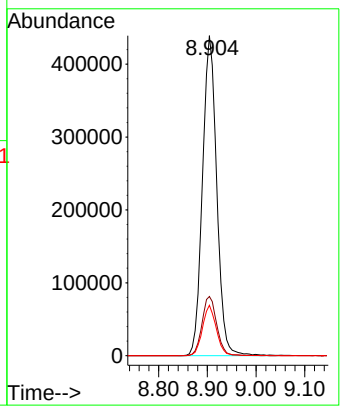


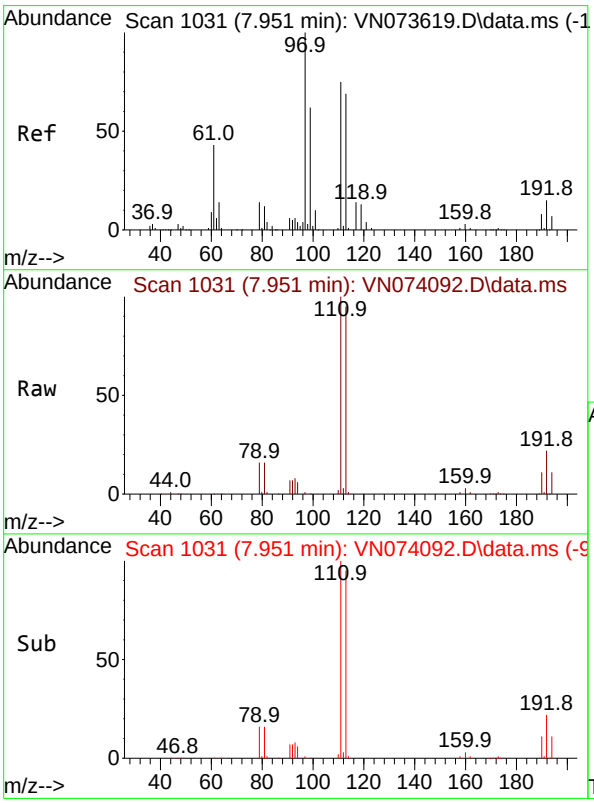
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074092.D
Acq: 24 Aug 2022 15:26

Instrument :
MSVOA_N
ClientSampleId :
MW-103D

Tgt Ion:114 Resp: 892234

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	40.0
88	15.8	0.0	32.6

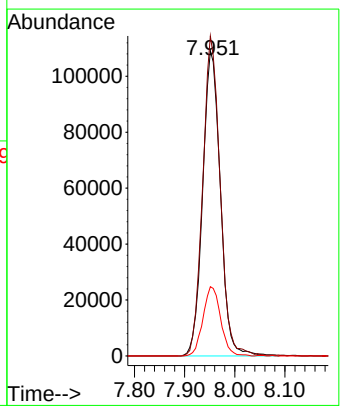


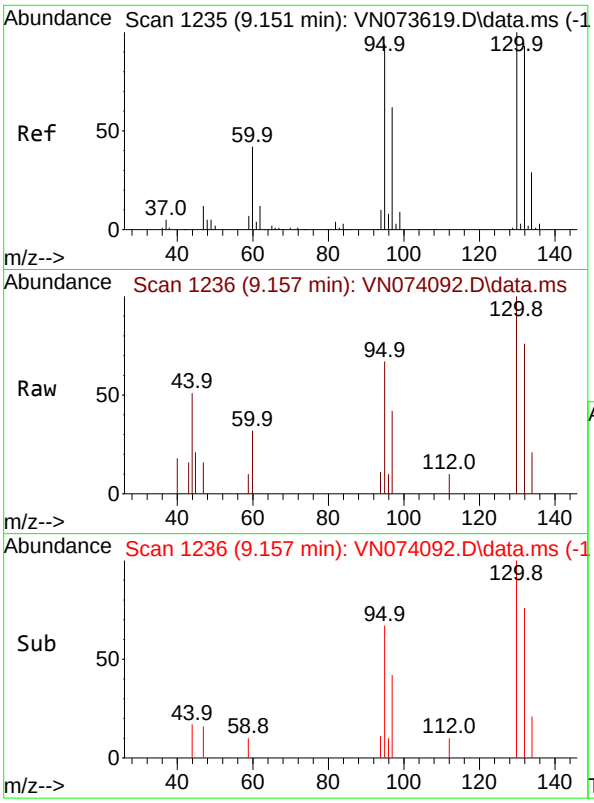


#35
Dibromofluoromethane
Concen: 50.819 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074092.D
Acq: 24 Aug 2022 15:26

Tgt Ion:113 Resp: 268152

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.4	122.0
192	22.6	17.0	25.6



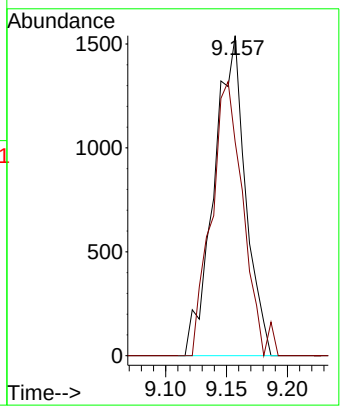


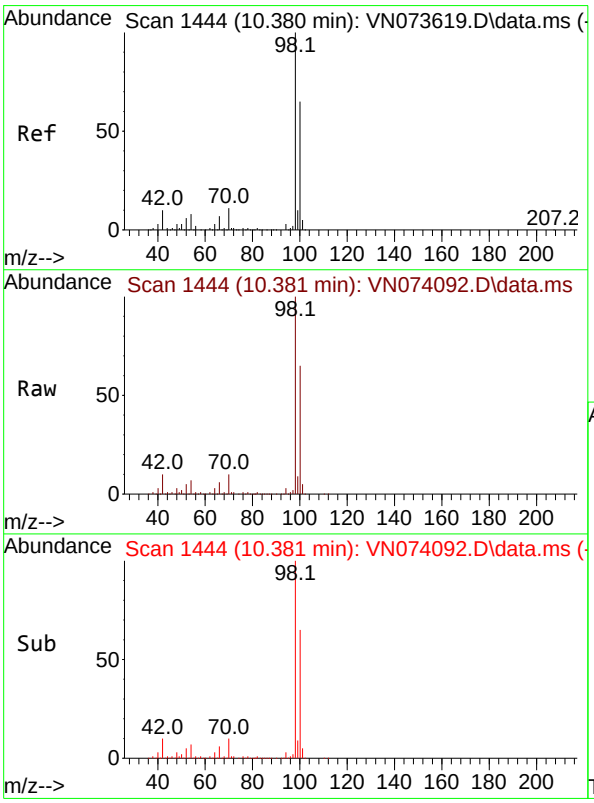
#44
Trichloroethene
Concen: 0.416 ug/l
RT: 9.157 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN074092.D
Acq: 24 Aug 2022 15:26

Instrument :
MSVOA_N
ClientSampleId :
MW-103D

Tgt Ion:130 Resp: 2781

Ion	Ratio	Lower	Upper
130	100		
95	66.8	0.0	186.8

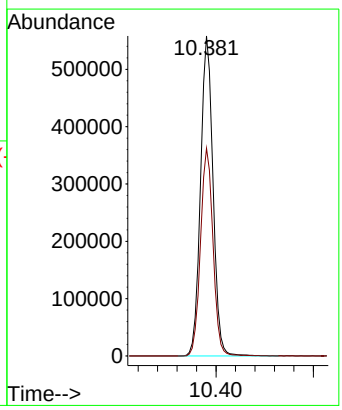


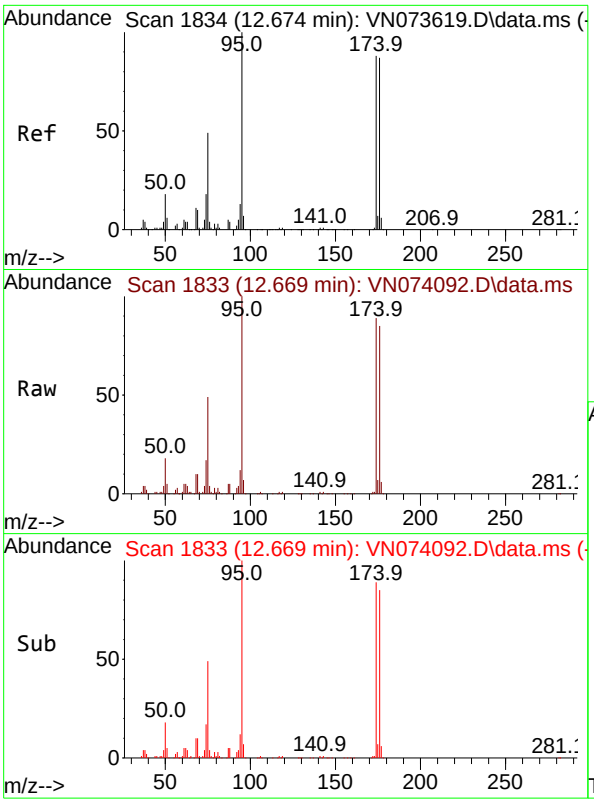


#50
Toluene-d8
Concen: 48.615 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VN074092.D
Acq: 24 Aug 2022 15:26

Tgt Ion: 98 Resp: 993482

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.6	78.8



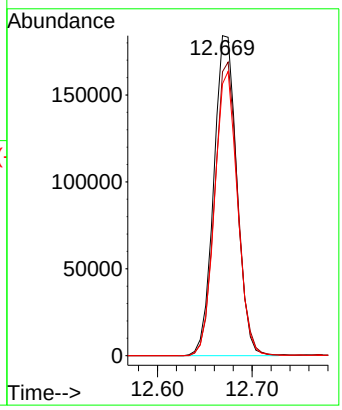


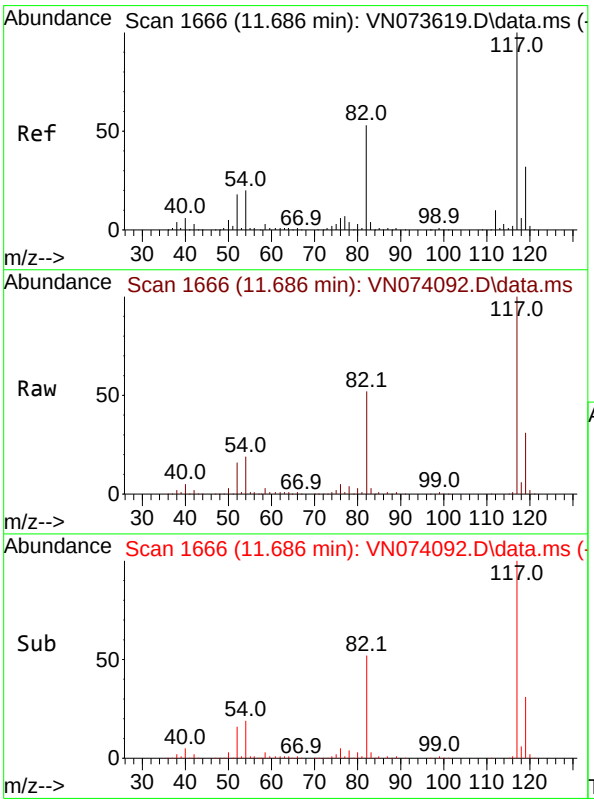
#62
4-Bromofluorobenzene
Concen: 45.982 ug/l
RT: 12.669 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN074092.D
Acq: 24 Aug 2022 15:26

Instrument :
MSVOA_N
ClientSampleId :
MW-103D

Tgt Ion: 95 Resp: 311861

Ion	Ratio	Lower	Upper
95	100		
174	91.3	0.0	167.6
176	87.8	0.0	163.4

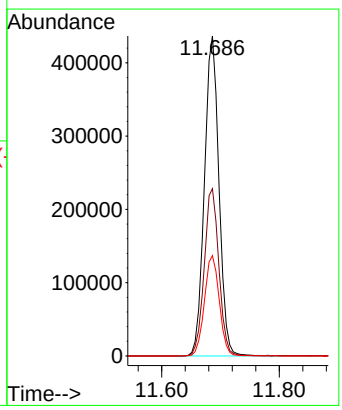


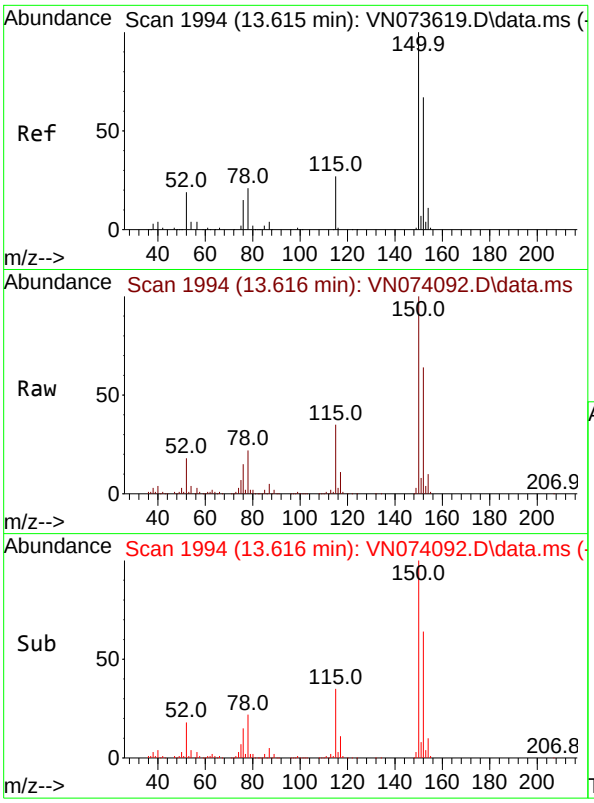


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074092.D
Acq: 24 Aug 2022 15:26

Tgt Ion:117 Resp: 750896

Ion	Ratio	Lower	Upper
117	100		
82	52.3	44.2	66.2
119	31.4	25.4	38.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN074092.D
Acq: 24 Aug 2022 15:26

Instrument :
MSVOA_N
ClientSampleId :
MW-103D

Tgt Ion:152 Resp: 326553

Ion	Ratio	Lower	Upper
152	100		
115	55.7	28.9	86.7
150	158.2	0.0	356.2