Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080422\
Data File : VN073735.D
Acq On : 04 Aug 2022 14:41
Operator : JC\MD
Sample : N3887-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-9D

Quant Time: Aug 05 00:27:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 29 02:20:25 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.016	168	355916	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	577755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	551359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	262788	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	216760	49.975	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.940%			
35) Dibromofluoromethane	7.957	113	201285	55.482	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.960%			
50) Toluene-d8	10.380	98	653369	45.766	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 91.540%			
62) 4-Bromofluorobenzene	12.674	95	242843	50.763	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.520%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.298	59	37300	39.875	ug/l	99
16) Acetone	4.239	43	6307	2.707	ug/l	96
17) Carbon Disulfide	4.457	76	11362	1.269	ug/l	99
19) Methyl tert-butyl Ether	5.539	73	29642	2.569	ug/l #	87
40) Benzene	8.398	78	10979	0.654	ug/l	95

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

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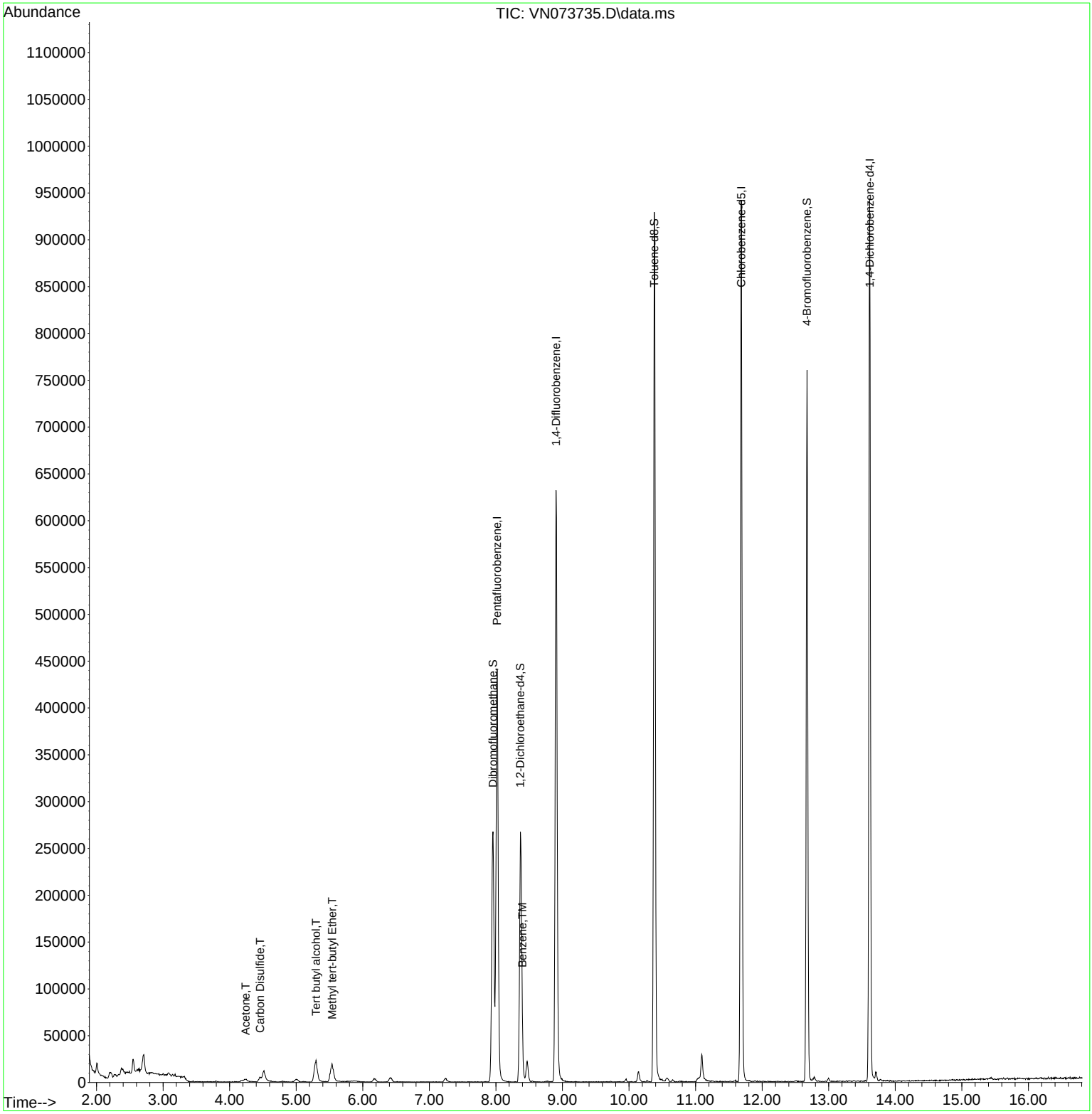
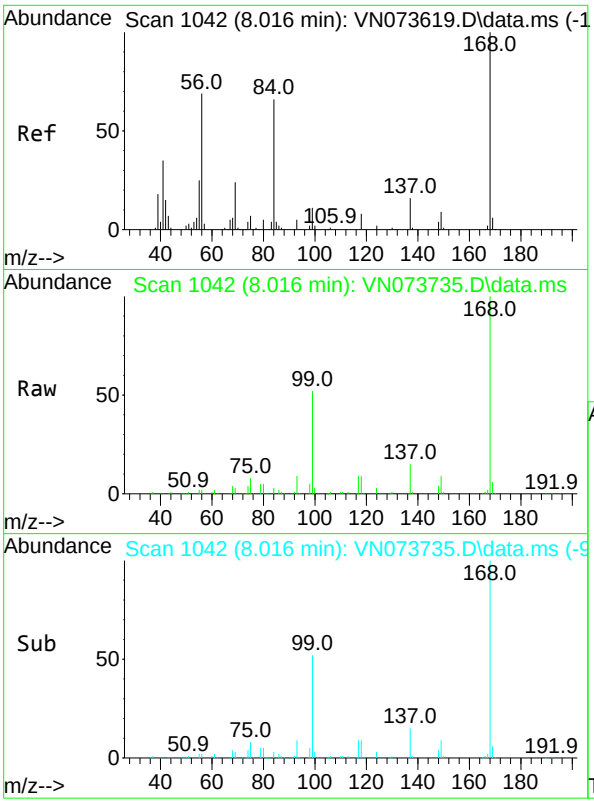


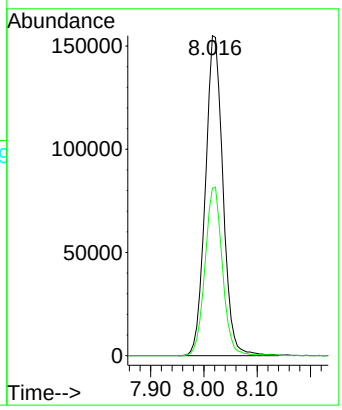


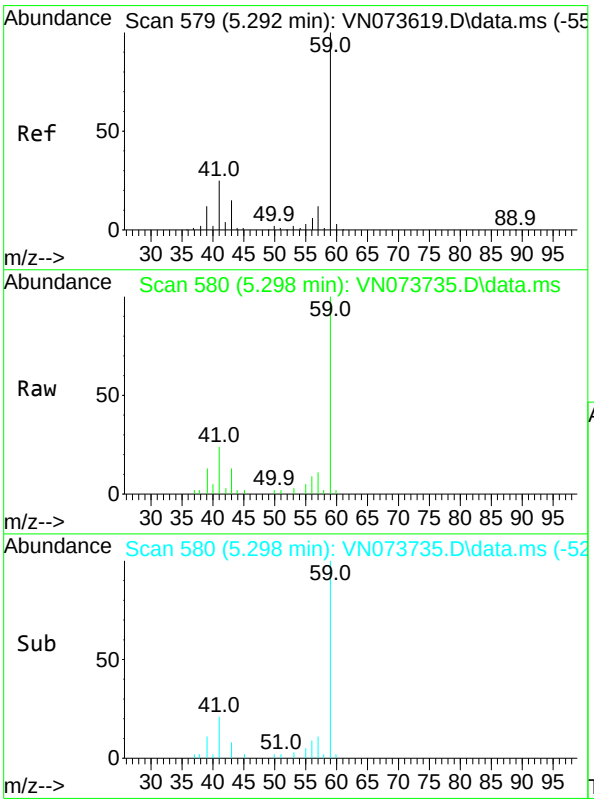
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073735.D
Acq: 04 Aug 2022 14:41

Instrument :
MSVOA_N
ClientSampleId :
MW-9D

Tgt Ion:168 Resp: 355916

Ion	Ratio	Lower	Upper
168	100		
99	52.3	42.3	63.5

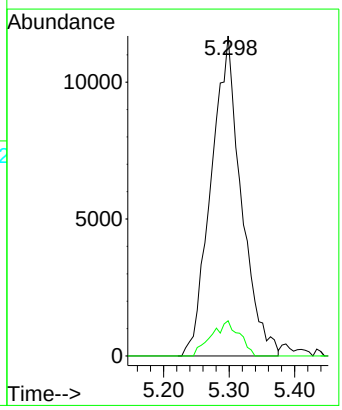


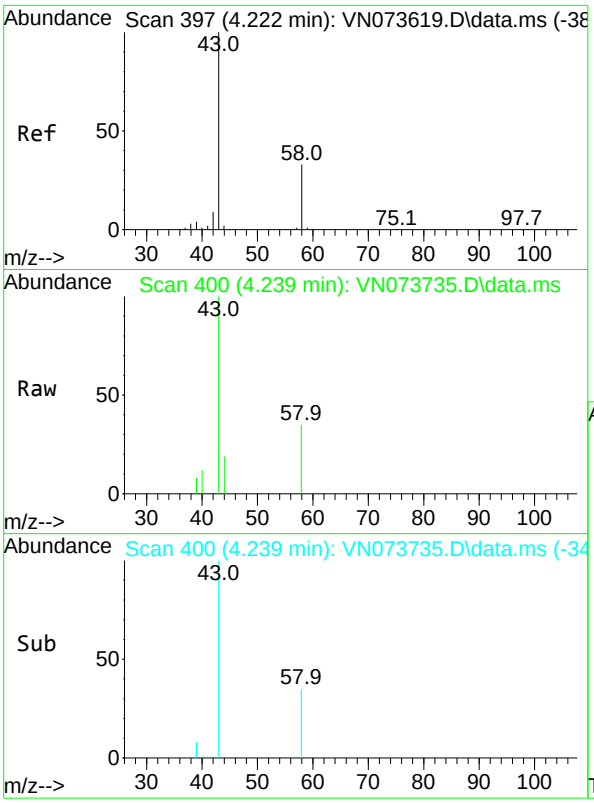


#11
Tert butyl alcohol
Concen: 39.875 ug/l
RT: 5.298 min Scan# 580
Delta R.T. 0.006 min
Lab File: VN073735.D
Acq: 04 Aug 2022 14:41

Tgt Ion: 59 Resp: 37300

Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.3	12.5



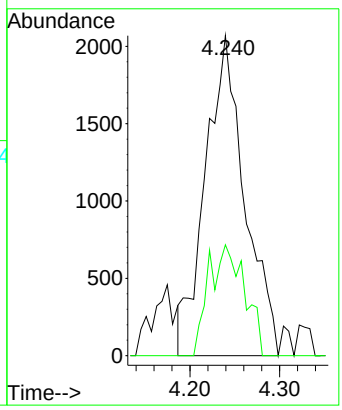


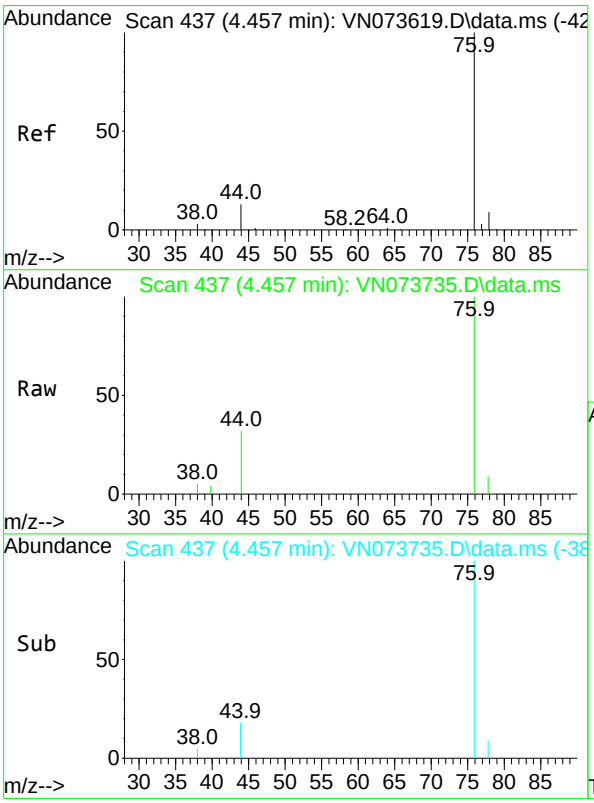
#16
Acetone
Concen: 2.707 ug/l
RT: 4.239 min Scan# 4
Delta R.T. 0.017 min
Lab File: VN073735.D
Acq: 04 Aug 2022 14:41

Instrument :
MSVOA_N
ClientSampleId :
MW-9D

Tgt Ion: 43 Resp: 6307

Ion	Ratio	Lower	Upper
43	100		
58	34.7	26.0	39.0

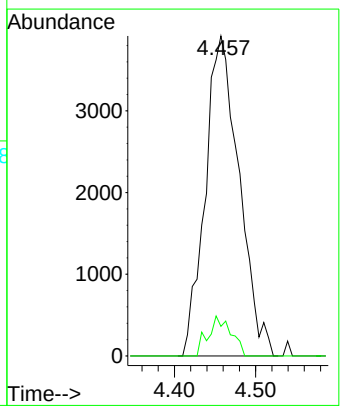


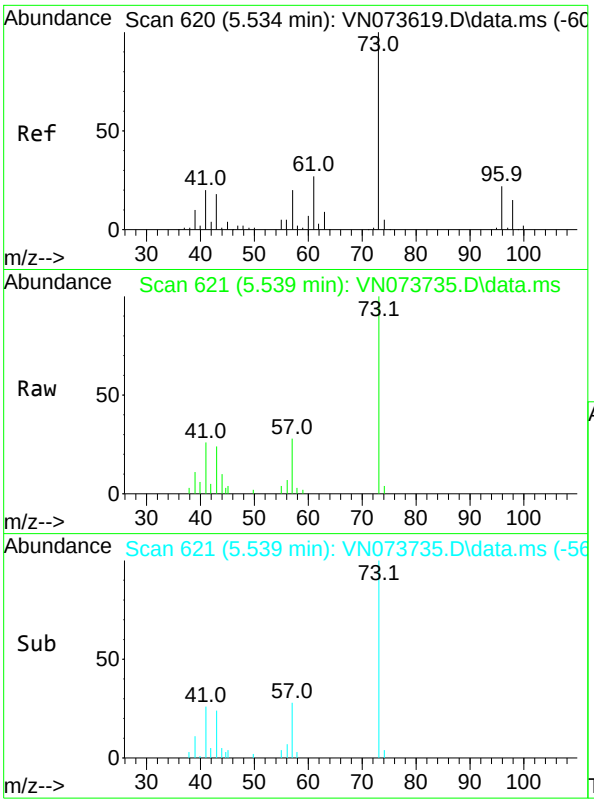


#17
Carbon Disulfide
Concen: 1.269 ug/l
RT: 4.457 min Scan# 437
Delta R.T. -0.000 min
Lab File: VN073735.D
Acq: 04 Aug 2022 14:41

Tgt Ion: 76 Resp: 11362

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.2	10.8



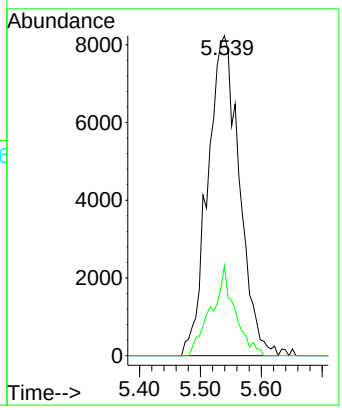


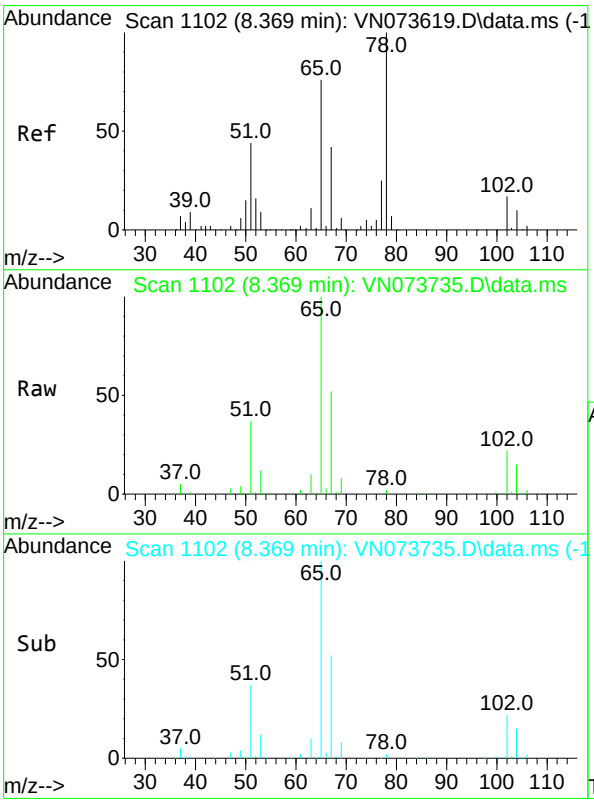
#19
Methyl tert-butyl Ether
Concen: 2.569 ug/l
RT: 5.539 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN073735.D
Acq: 04 Aug 2022 14:41

Instrument :
MSVOA_N
ClientSampleId :
MW-9D

Tgt Ion: 73 Resp: 29642

Ion	Ratio	Lower	Upper
73	100		
57	28.1	17.6	26.4#

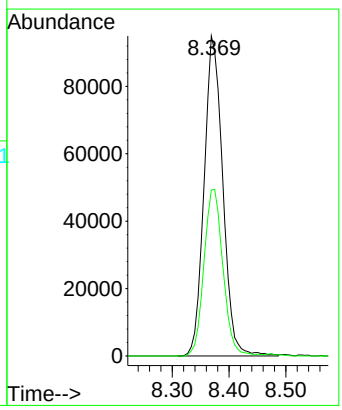


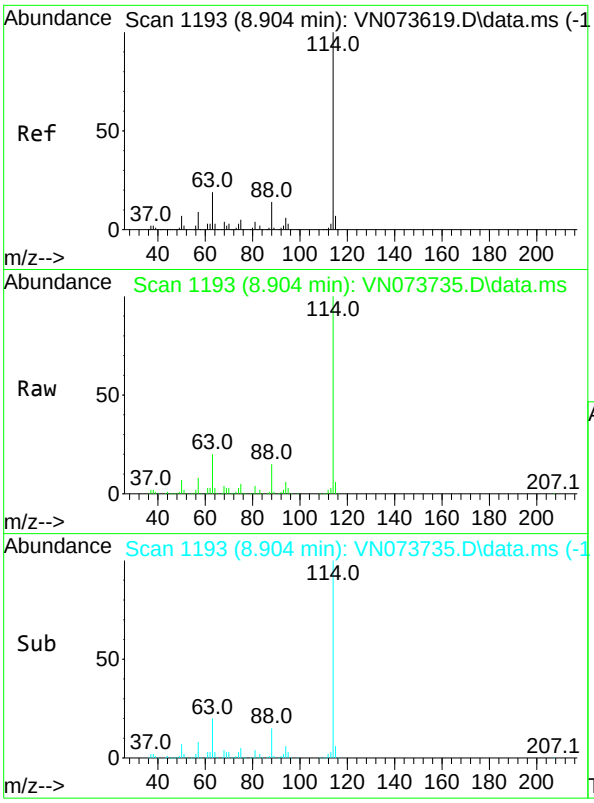


#33
1,2-Dichloroethane-d4
Concen: 49.975 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073735.D
Acq: 04 Aug 2022 14:41

Tgt Ion: 65 Resp: 216760

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	104.8



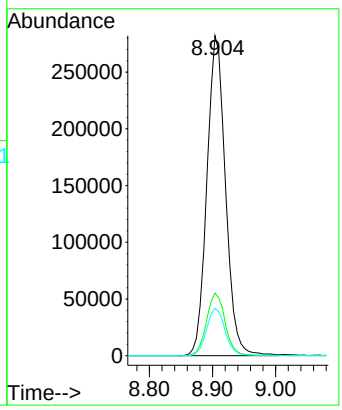


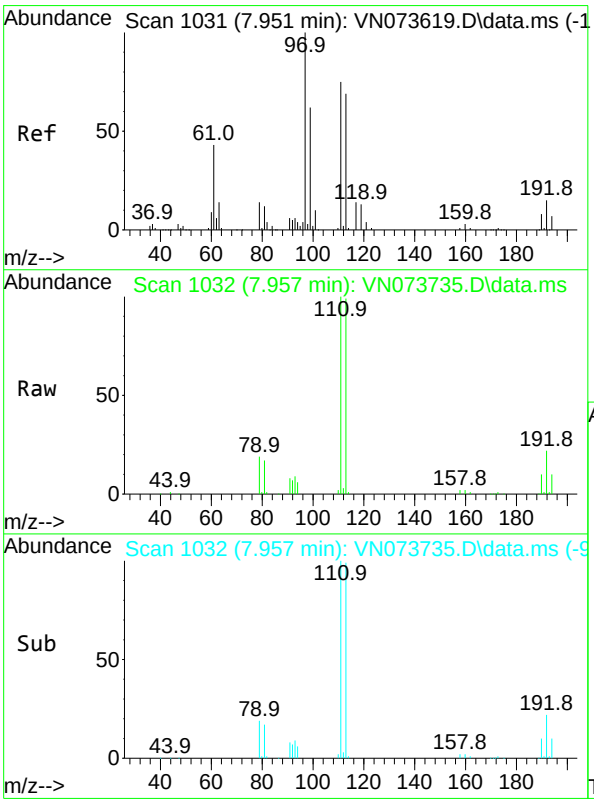
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073735.D
Acq: 04 Aug 2022 14:41

Instrument :
MSVOA_N
ClientSampleId :
MW-9D

Tgt Ion:114 Resp: 577755

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	40.0
88	14.8	0.0	32.6

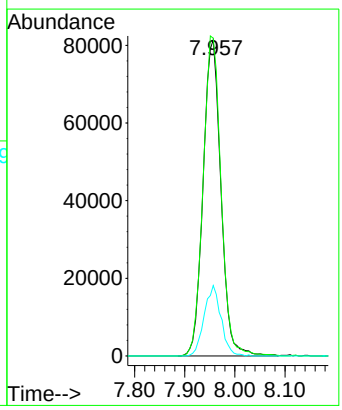


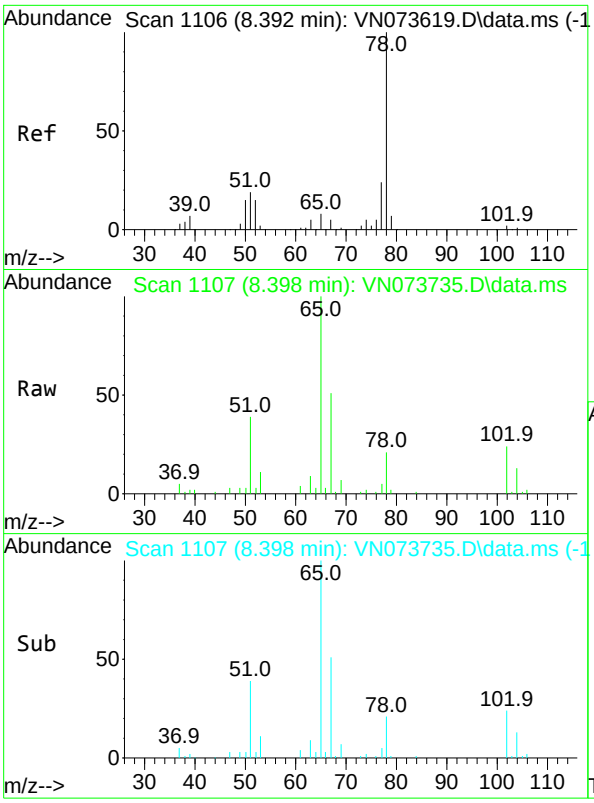


#35
Dibromofluoromethane
Concen: 55.482 ug/l
RT: 7.957 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VN073735.D
Acq: 04 Aug 2022 14:41

Tgt Ion:113 Resp: 201285

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.4	122.0
192	21.0	17.0	25.6



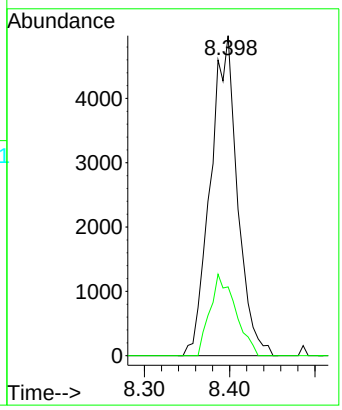


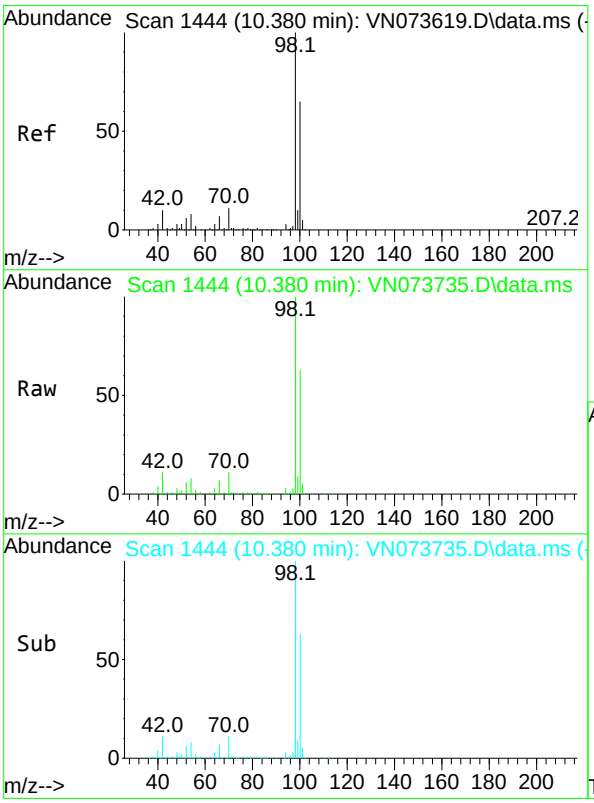
#40
Benzene
Concen: 0.654 ug/l
RT: 8.398 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073735.D
Acq: 04 Aug 2022 14:41

Instrument :
MSVOA_N
ClientSampleId :
MW-9D

Tgt Ion: 78 Resp: 10979

Ion	Ratio	Lower	Upper
78	100		
77	21.5	19.4	29.0

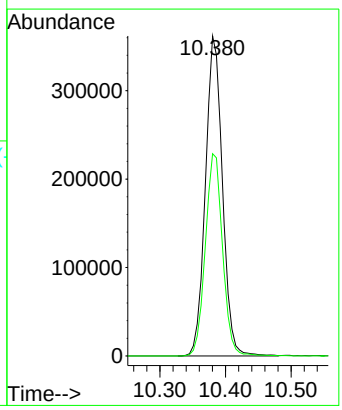


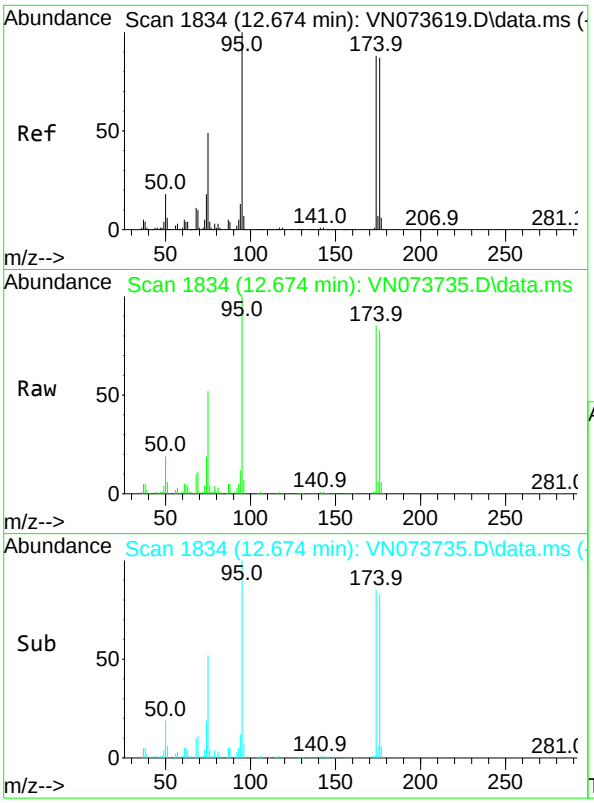


#50
Toluene-d8
Concen: 45.766 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN073735.D
Acq: 04 Aug 2022 14:41

Tgt Ion: 98 Resp: 653369

Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.6	78.8



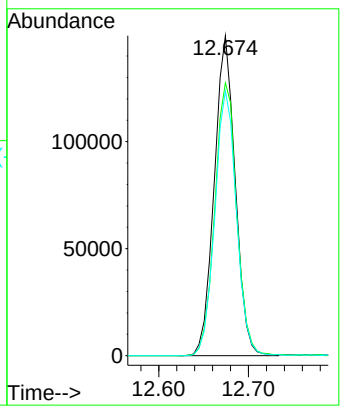


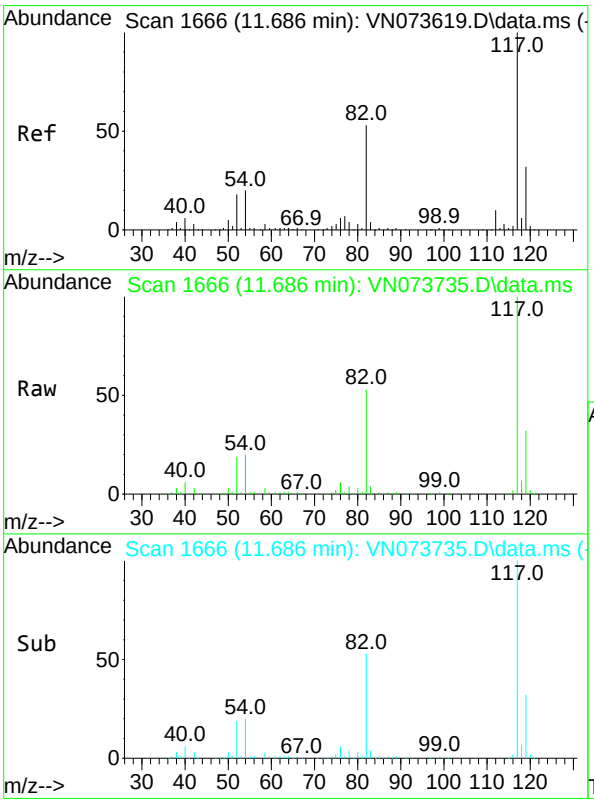
#62
4-Bromofluorobenzene
Concen: 50.763 ug/l
RT: 12.674 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN073735.D
Acq: 04 Aug 2022 14:41

Instrument :
MSVOA_N
ClientSampleId :
MW-9D

Tgt Ion: 95 Resp: 242843

Ion	Ratio	Lower	Upper
95	100		
174	88.9	0.0	167.6
176	85.0	0.0	163.4

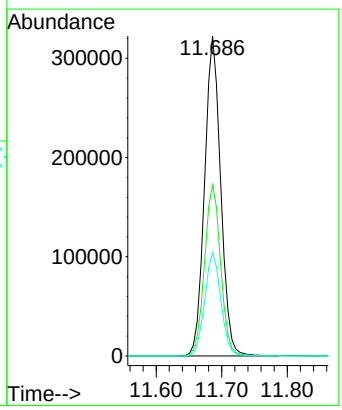


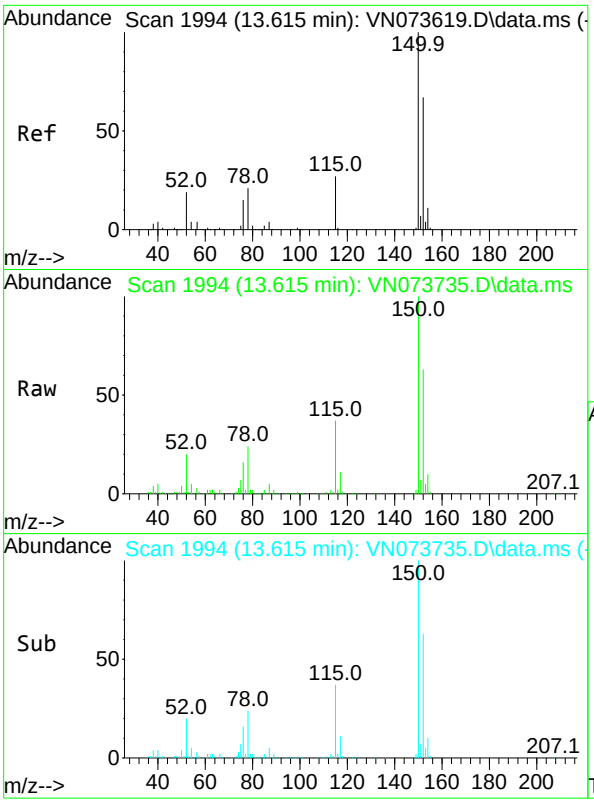


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN073735.D
Acq: 04 Aug 2022 14:41

Tgt Ion:117 Resp: 551359

Ion	Ratio	Lower	Upper
117	100		
82	53.5	44.2	66.2
119	32.3	25.4	38.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073735.D
Acq: 04 Aug 2022 14:41

Instrument :
MSVOA_N
ClientSampleId :
MW-9D

Tgt Ion:152 Resp: 262788

Ion	Ratio	Lower	Upper
152	100		
115	56.7	28.9	86.7
150	156.8	0.0	356.2