Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031822\
Data File : VX027542.D
Acq On : 18 Mar 2022 20:50
Operator : JC/MD
Sample : N1998-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-139

Quant Time: Mar 19 03:10:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	329864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	549873	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	503783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	218819	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	199993	49.216	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 98.440%			
35) Dibromofluoromethane	5.391	113	182504	51.587	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.180%			
50) Toluene-d8	8.653	98	642784	48.014	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.020%			
62) 4-Bromofluorobenzene	11.085	95	228190	46.374	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.740%			
Target Compounds						Qvalue
16) Acetone	2.386	43	4495	2.714	ug/l	90
19) Methyl tert-butyl Ether	3.117	73	15939	1.542	ug/l	100
30) Chloroform	5.111	83	3654	0.582	ug/l #	79
40) Benzene	6.050	78	15921	1.148	ug/l	98
42) 1,2-Dichloroethane	6.098	62	3847	0.740	ug/l	97

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

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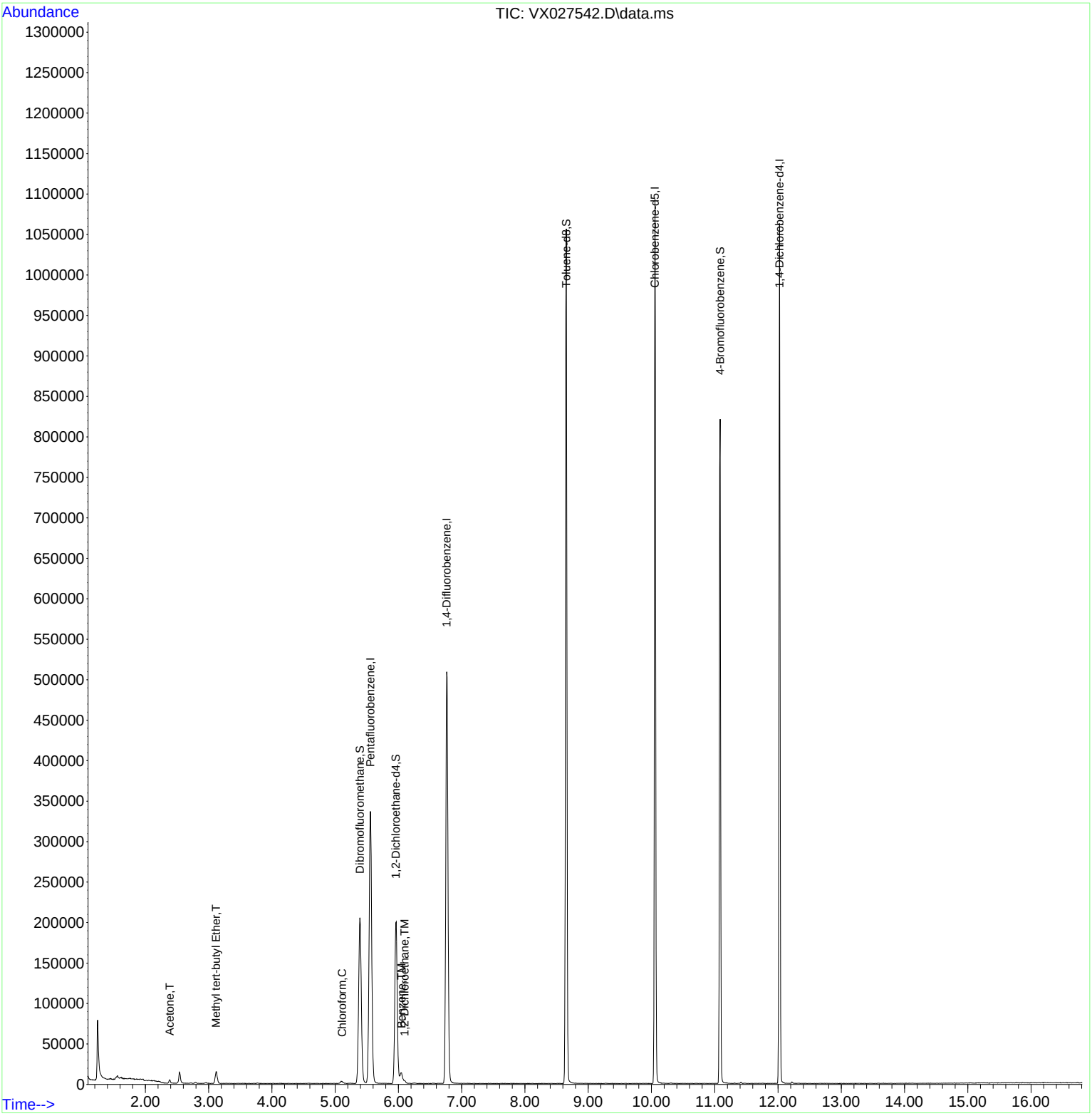
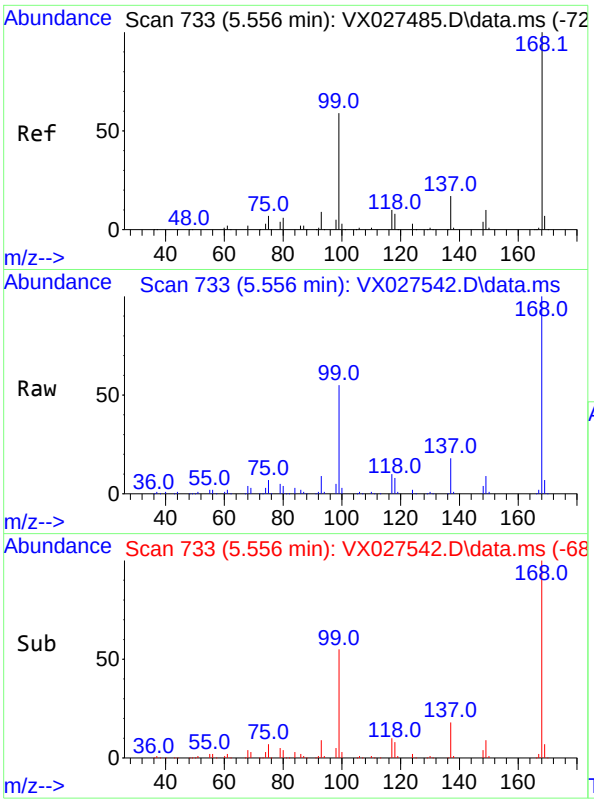


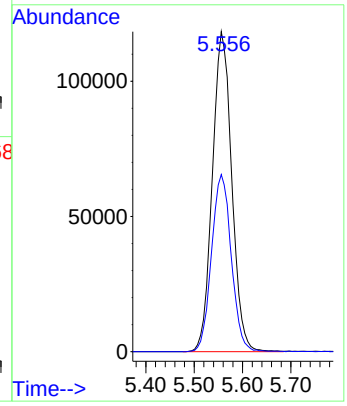


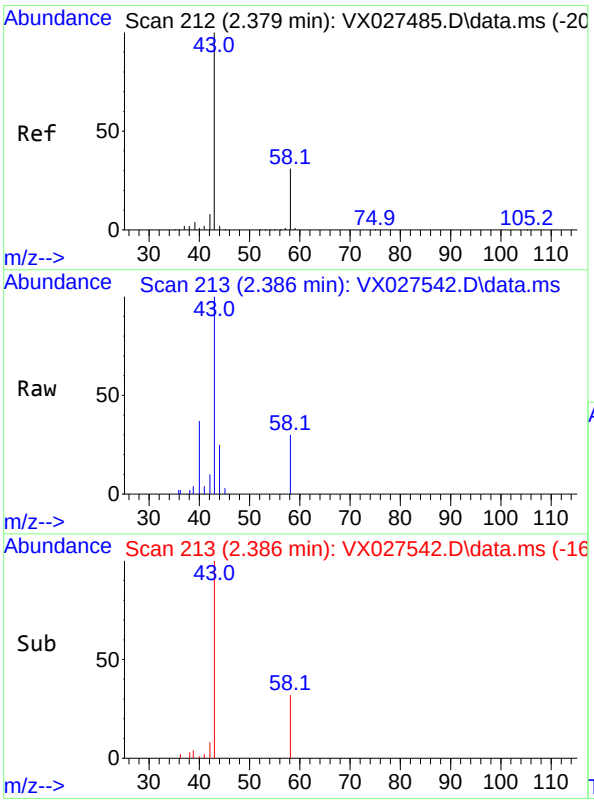
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX027542.D
Acq: 18 Mar 2022 20:50

Instrument :
MSVOA_X
ClientSampleId :
MW-139

Tgt Ion:168 Resp: 329864

Ion	Ratio	Lower	Upper
168	100		
99	55.4	41.7	62.5

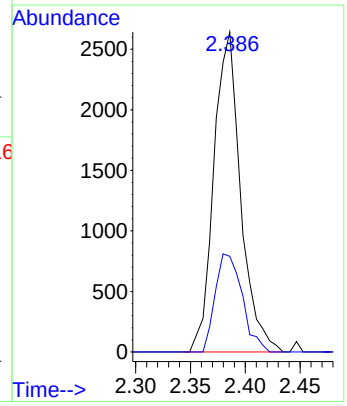


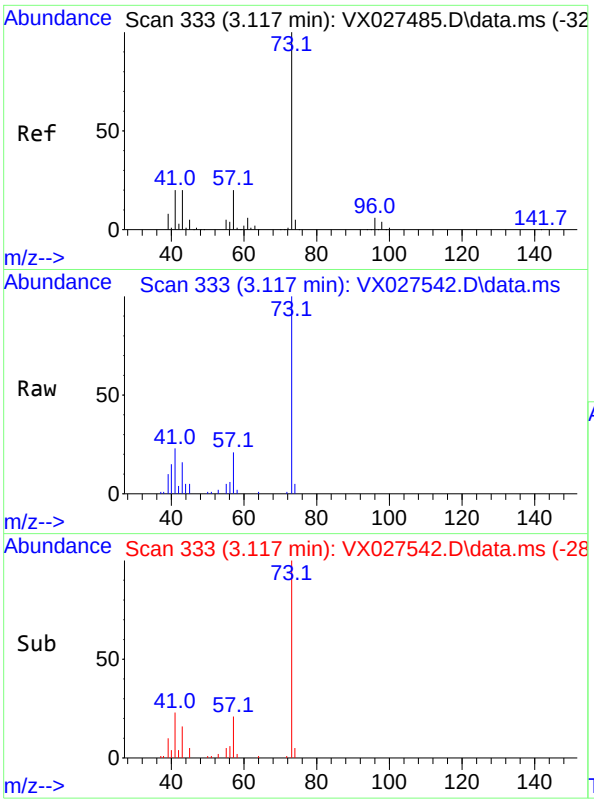


#16
Acetone
Concen: 2.714 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX027542.D
Acq: 18 Mar 2022 20:50

Tgt Ion: 43 Resp: 4495

Ion	Ratio	Lower	Upper
43	100		
58	29.9	28.8	43.2



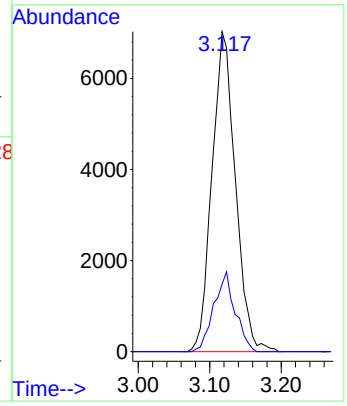


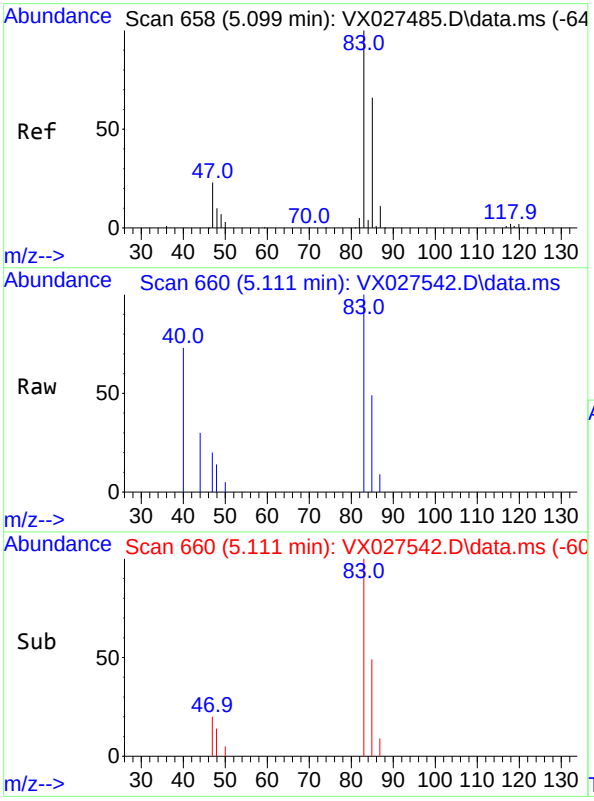
#19
Methyl tert-butyl Ether
Concen: 1.542 ug/l
RT: 3.117 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX027542.D
Acq: 18 Mar 2022 20:50

Instrument :
MSVOA_X
ClientSampleId :
MW-139

Tgt Ion: 73 Resp: 15939

Ion	Ratio	Lower	Upper
73	100		
57	21.1	16.8	25.2

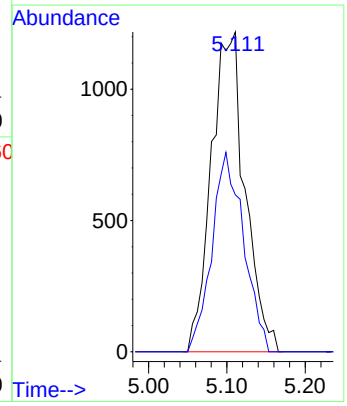


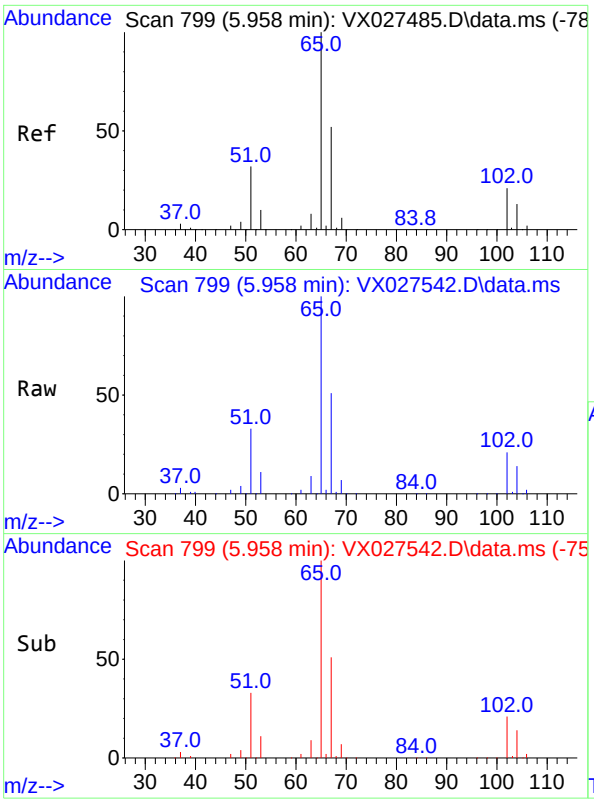


#30
Chloroform
Concen: 0.582 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.012 min
Lab File: VX027542.D
Acq: 18 Mar 2022 20:50

Tgt Ion: 83 Resp: 3654

Ion	Ratio	Lower	Upper
83	100		
85	49.1	52.7	79.1#



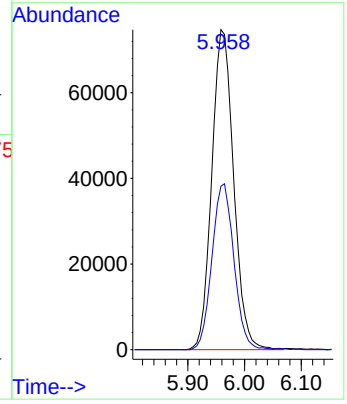


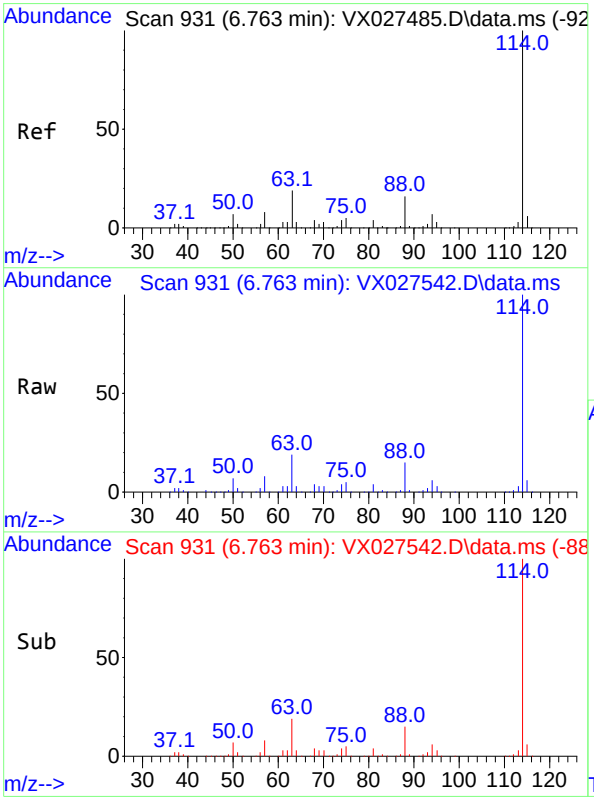
#33
1,2-Dichloroethane-d4
Concen: 49.216 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX027542.D
Acq: 18 Mar 2022 20:50

Instrument :
MSVOA_X
ClientSampleId :
MW-139

Tgt Ion: 65 Resp: 199993

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	107.4

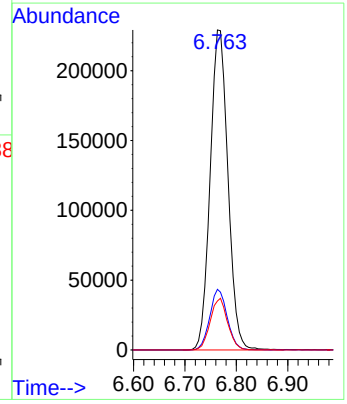


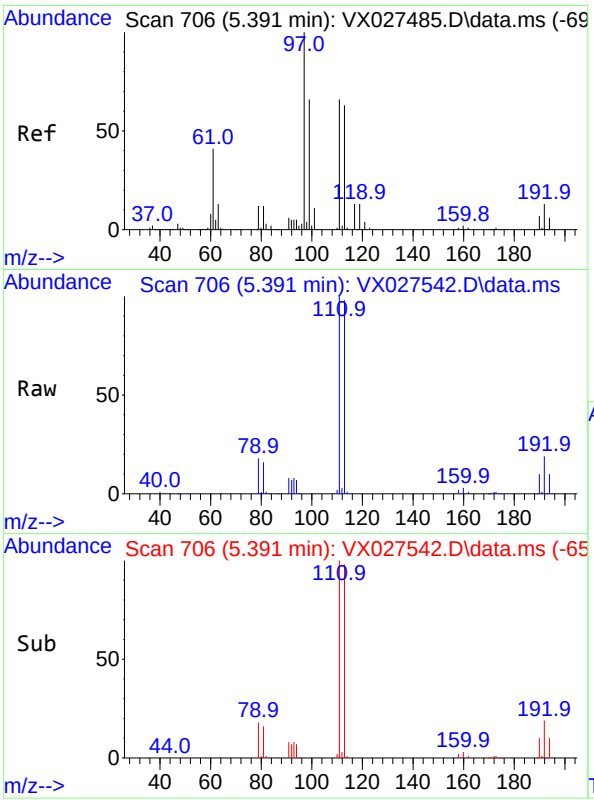


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX027542.D
Acq: 18 Mar 2022 20:50

Tgt Ion:114 Resp: 549873

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	36.8
88	15.3	0.0	32.4



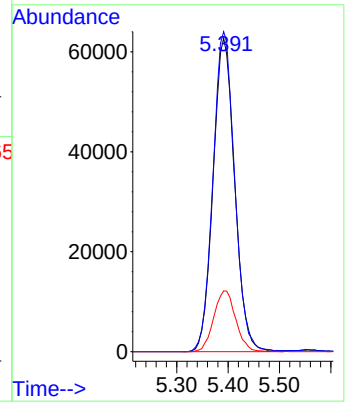


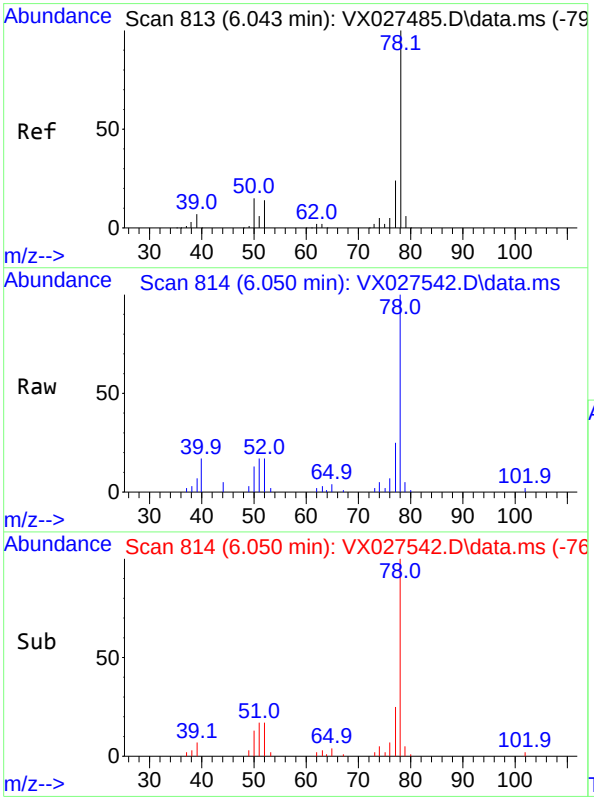
#35
Dibromofluoromethane
Concen: 51.587 ug/l
RT: 5.391 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX027542.D
Acq: 18 Mar 2022 20:50

Instrument :
MSVOA_X
ClientSampleId :
MW-139

Tgt Ion:113 Resp: 182504

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.8	124.2
192	19.8	16.9	25.3

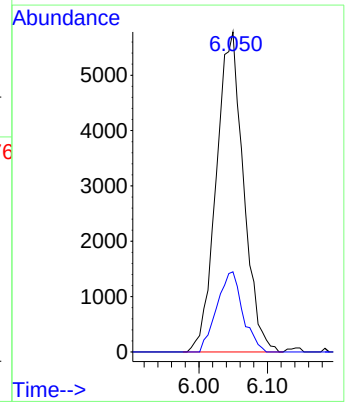


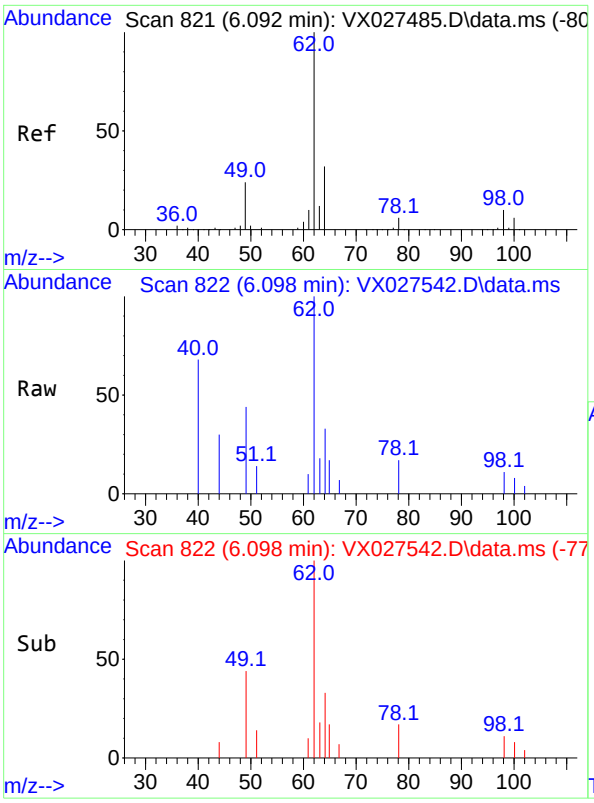


#40
Benzene
Concen: 1.148 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX027542.D
Acq: 18 Mar 2022 20:50

Tgt Ion: 78 Resp: 15921

Ion	Ratio	Lower	Upper
78	100		
77	25.1	19.3	28.9



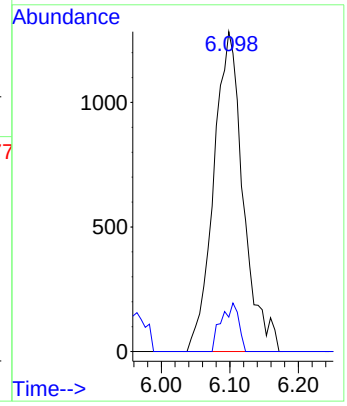


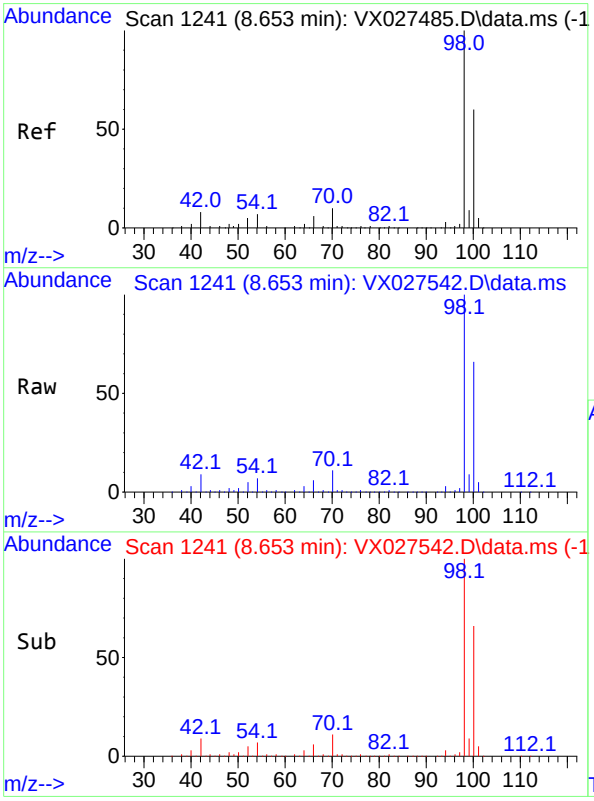
#42
1,2-Dichloroethane
Concen: 0.740 ug/l
RT: 6.098 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX027542.D
Acq: 18 Mar 2022 20:50

Instrument :
MSVOA_X
ClientSampleId :
MW-139

Tgt Ion: 62 Resp: 3847

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	20.4

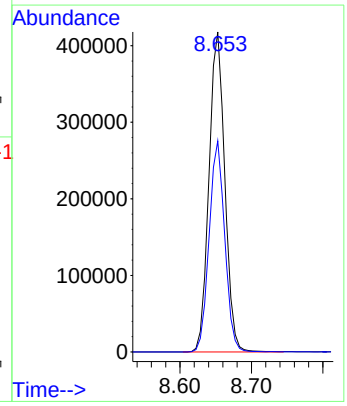


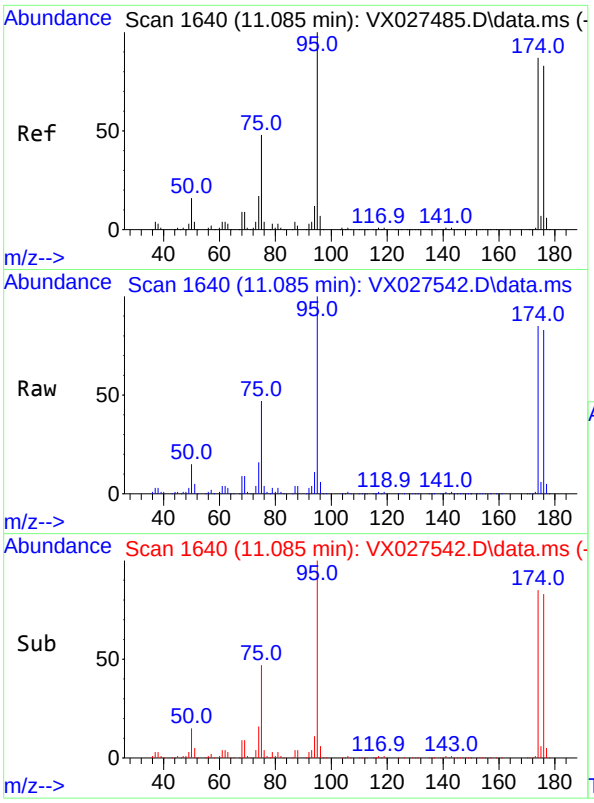


#50
Toluene-d8
Concen: 48.014 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027542.D
Acq: 18 Mar 2022 20:50

Tgt Ion: 98 Resp: 642784

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.6	78.8



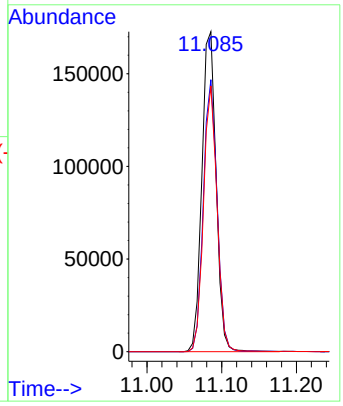


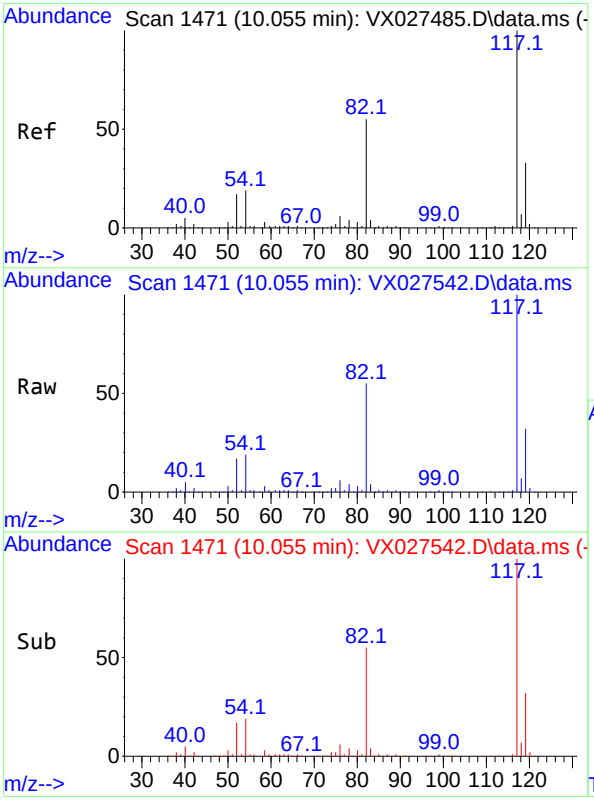
#62
4-Bromofluorobenzene
Concen: 46.374 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027542.D
Acq: 18 Mar 2022 20:50

Instrument :
MSVOA_X
ClientSampleId :
MW-139

Tgt Ion: 95 Resp: 228190

Ion	Ratio	Lower	Upper
95	100		
174	82.3	0.0	163.0
176	79.3	0.0	155.0

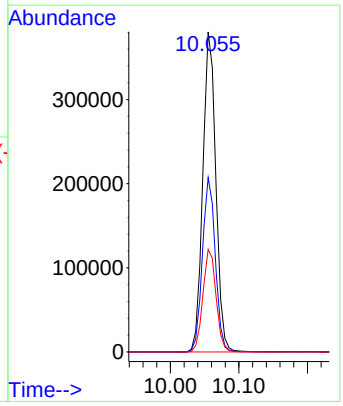


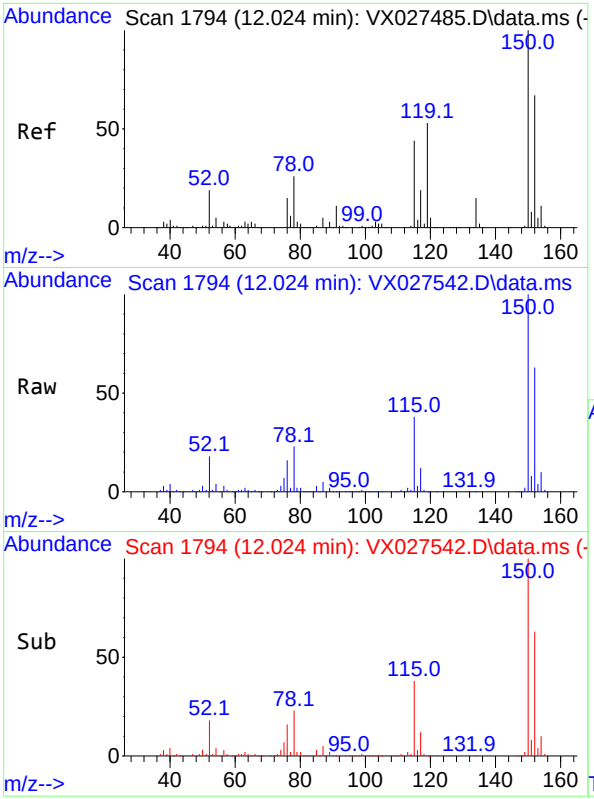


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027542.D
Acq: 18 Mar 2022 20:50

Tgt Ion:117 Resp: 503783

Ion	Ratio	Lower	Upper
117	100		
82	54.5	41.8	62.8
119	32.0	24.8	37.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027542.D
Acq: 18 Mar 2022 20:50

Instrument :
MSVOA_X
ClientSampleId :
MW-139

Tgt Ion:152 Resp: 218819

Ion	Ratio	Lower	Upper
152	100		
115	59.8	37.5	112.7
150	159.7	0.0	338.2