Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031722\
Data File : VX027503.D
Acq On : 17 Mar 2022 21:44
Operator : JC/MD
Sample : N1997-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-107

Quant Time: Mar 18 02:07:46 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	332545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	549330	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	489591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	214143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	207503	50.652	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.300%			
35) Dibromofluoromethane	5.391	113	181660	51.399	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.800%			
50) Toluene-d8	8.653	98	642125	48.012	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.020%			
62) 4-Bromofluorobenzene	11.085	95	224514	45.672	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.340%			
Target Compounds						Qvalue
16) Acetone	2.379	43	5444	3.260	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	12300	1.181	ug/l	91
30) Chloroform	5.098	83	4948	0.782	ug/l	94
40) Benzene	6.043	78	5112	0.369	ug/l	99
42) 1,2-Dichloroethane	6.098	62	8337	1.605	ug/l	98

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

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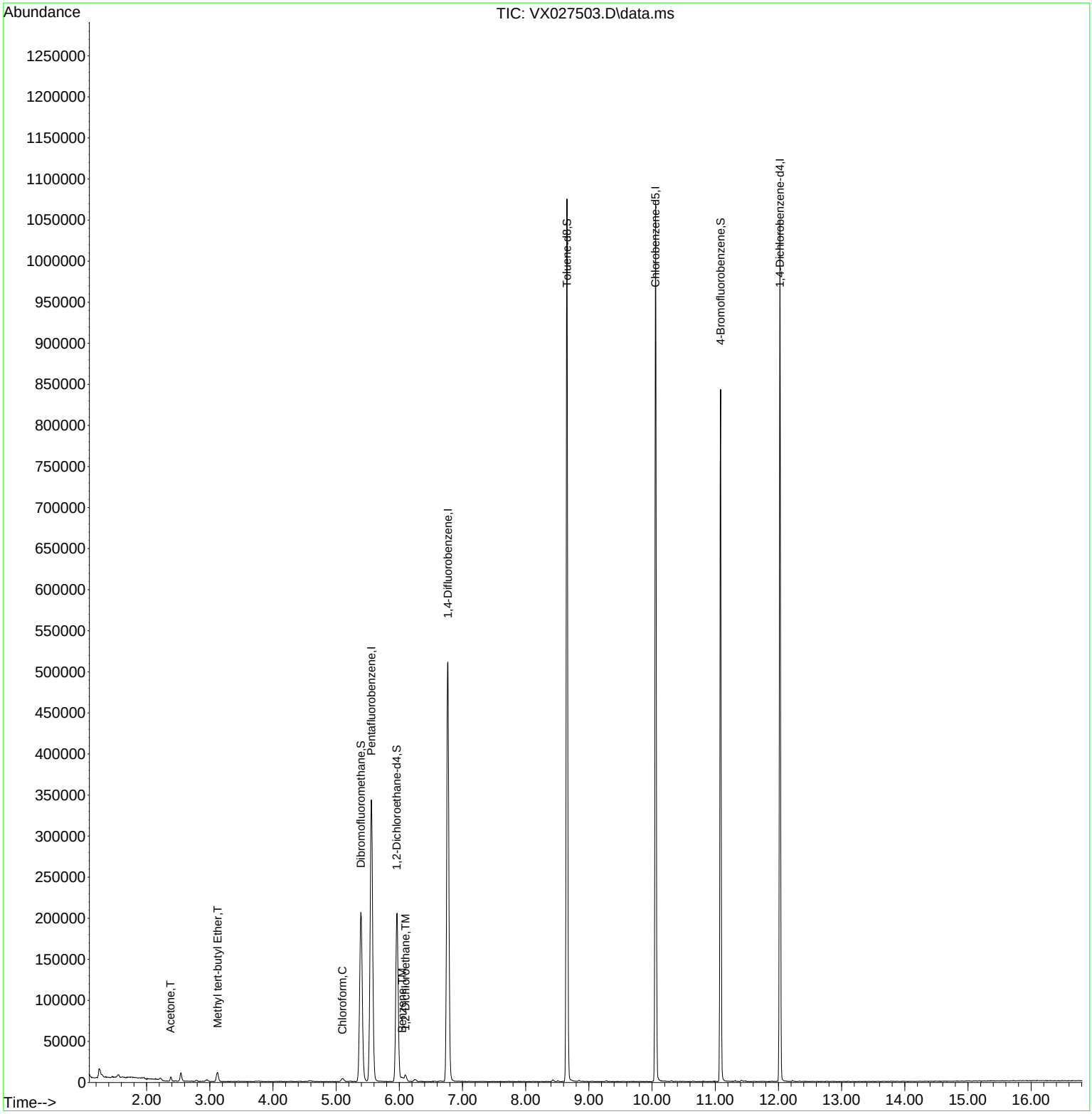
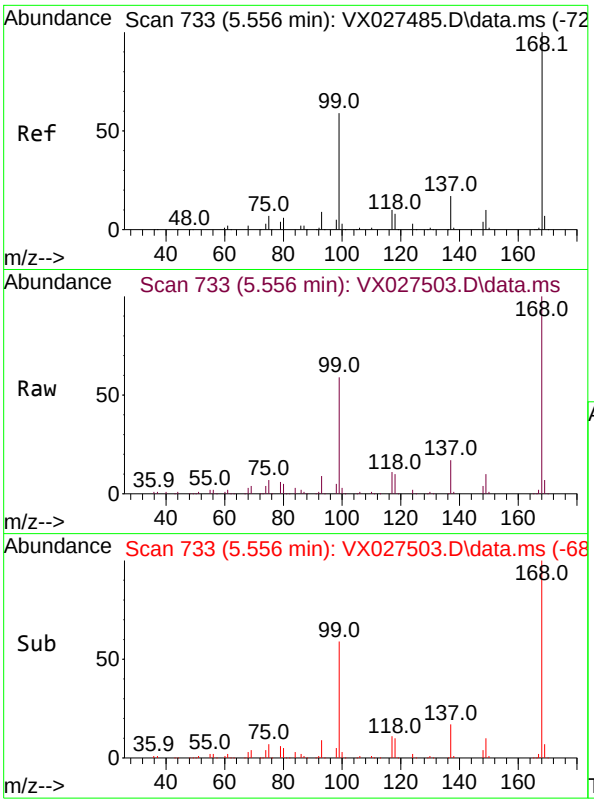


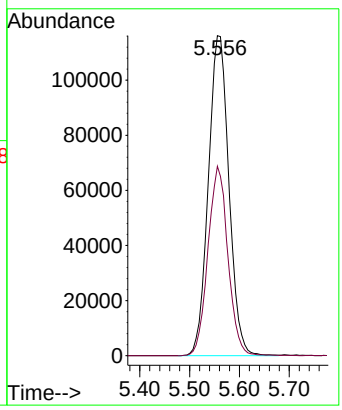


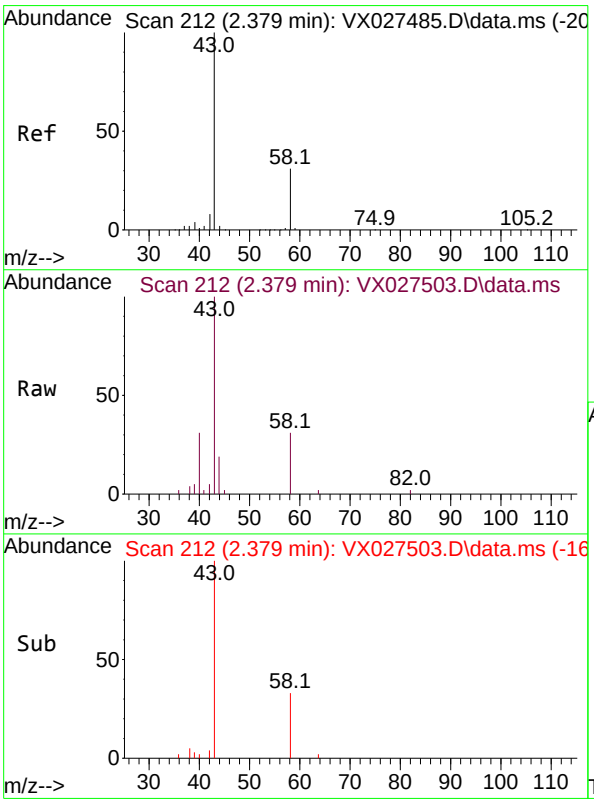
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX027503.D
Acq: 17 Mar 2022 21:44

Instrument :
MSVOA_X
ClientSampleId :
MW-107

Tgt Ion:168 Resp: 332545

Ion	Ratio	Lower	Upper
168	100		
99	59.2	41.7	62.5

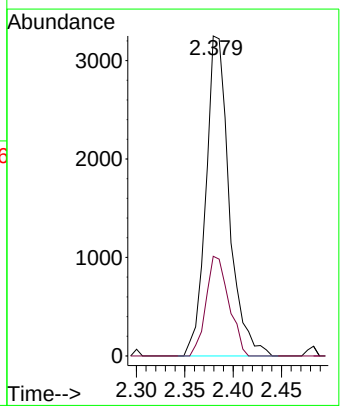


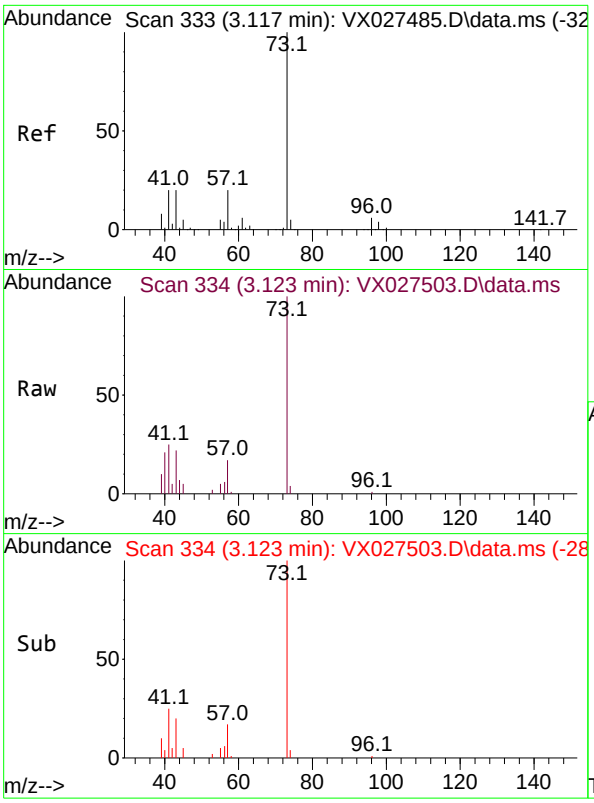


#16
Acetone
Concen: 3.260 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027503.D
Acq: 17 Mar 2022 21:44

Tgt Ion: 43 Resp: 5444

Ion	Ratio	Lower	Upper
43	100		
58	31.1	28.8	43.2



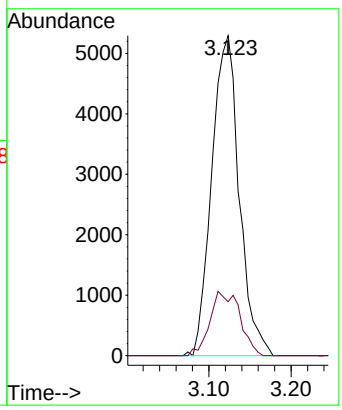


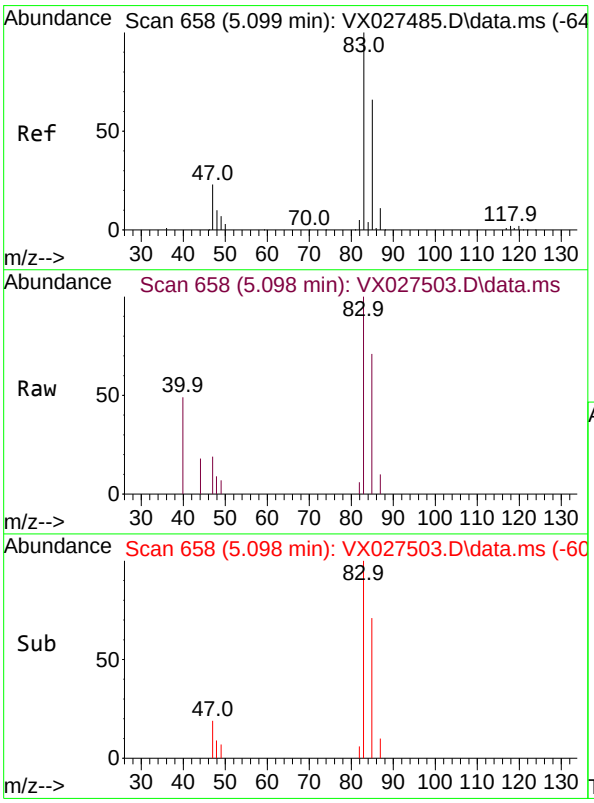
#19
Methyl tert-butyl Ether
Concen: 1.181 ug/l
RT: 3.123 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX027503.D
Acq: 17 Mar 2022 21:44

Instrument :
MSVOA_X
ClientSampleId :
MW-107

Tgt Ion: 73 Resp: 12300

Ion	Ratio	Lower	Upper
73	100		
57	16.8	16.8	25.2

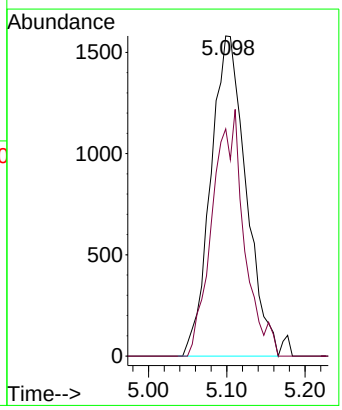


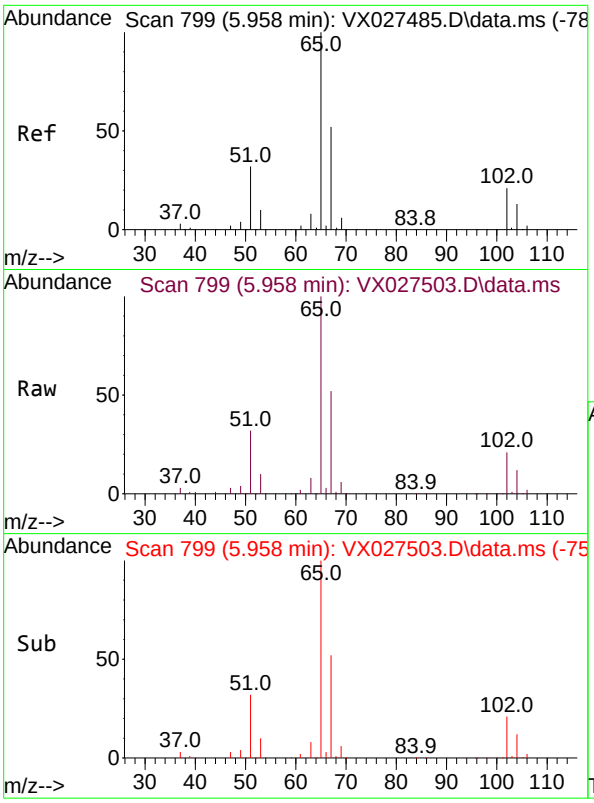


#30
Chloroform
Concen: 0.782 ug/l
RT: 5.098 min Scan# 658
Delta R.T. -0.000 min
Lab File: VX027503.D
Acq: 17 Mar 2022 21:44

Tgt Ion: 83 Resp: 4948

Ion	Ratio	Lower	Upper
83	100		
85	71.0	52.7	79.1



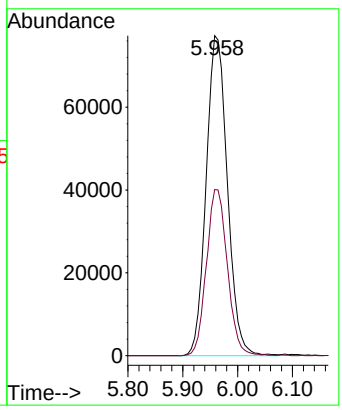


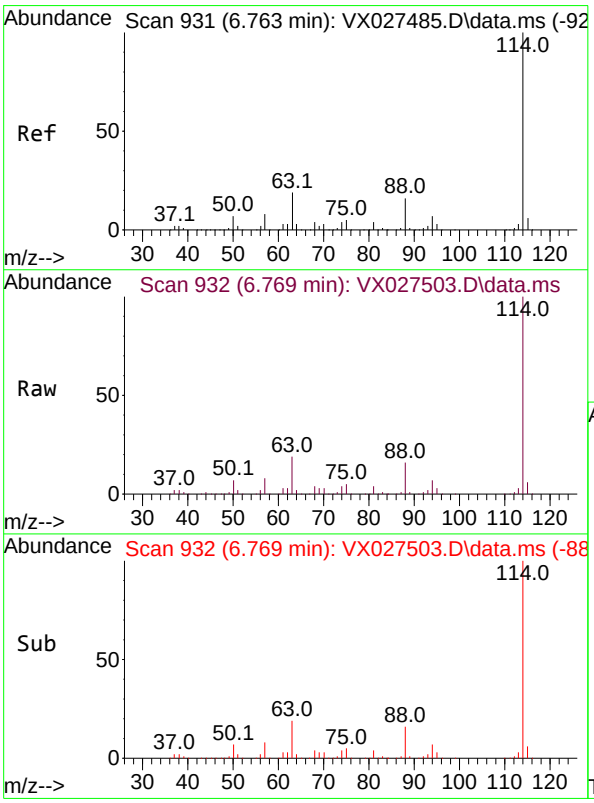
#33
1,2-Dichloroethane-d4
Concen: 50.652 ug/l
RT: 5.958 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX027503.D
Acq: 17 Mar 2022 21:44

Instrument :
MSVOA_X
ClientSampleId :
MW-107

Tgt Ion: 65 Resp: 207503

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	107.4

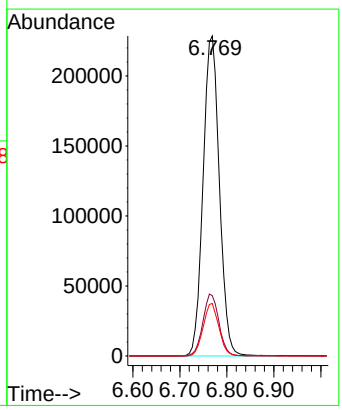


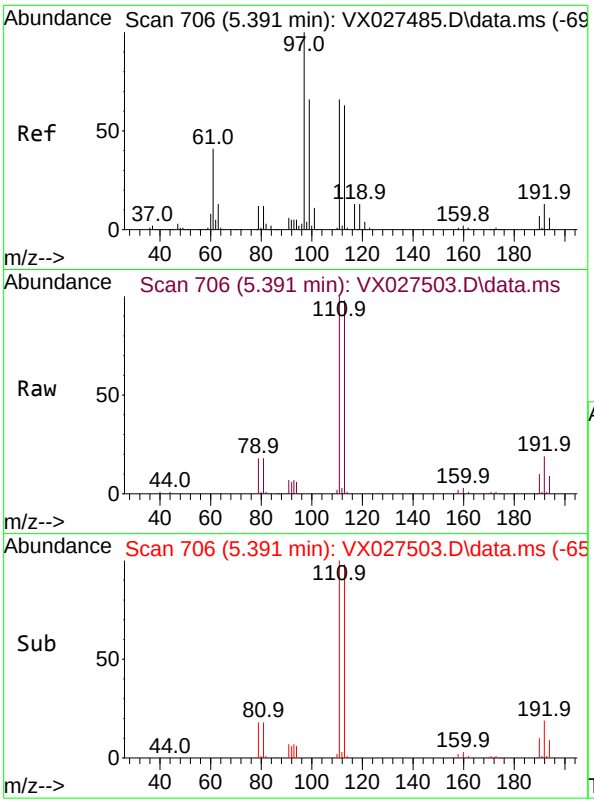


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.006 min
Lab File: VX027503.D
Acq: 17 Mar 2022 21:44

Tgt Ion:114 Resp: 549330

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	36.8
88	16.4	0.0	32.4



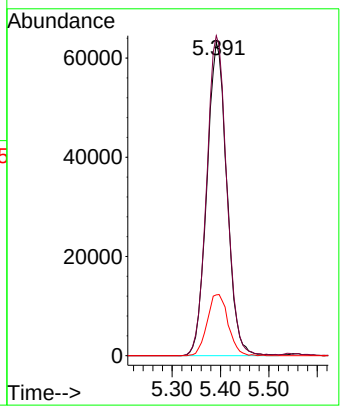


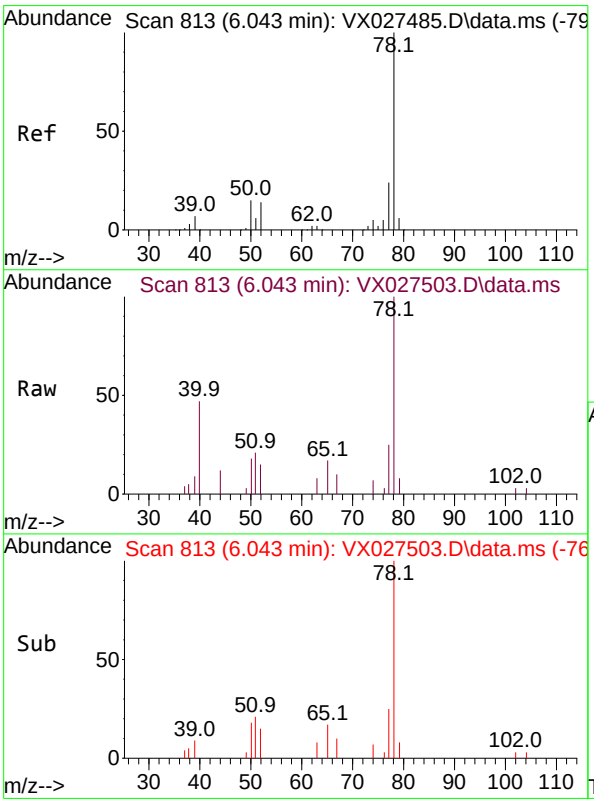
#35
Dibromofluoromethane
Concen: 51.399 ug/l
RT: 5.391 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX027503.D
Acq: 17 Mar 2022 21:44

Instrument :
MSVOA_X
ClientSampleId :
MW-107

Tgt Ion:113 Resp: 181660

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.8	124.2
192	20.4	16.9	25.3

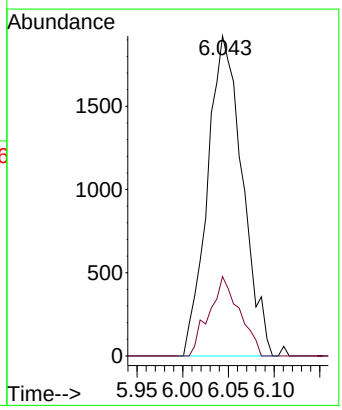


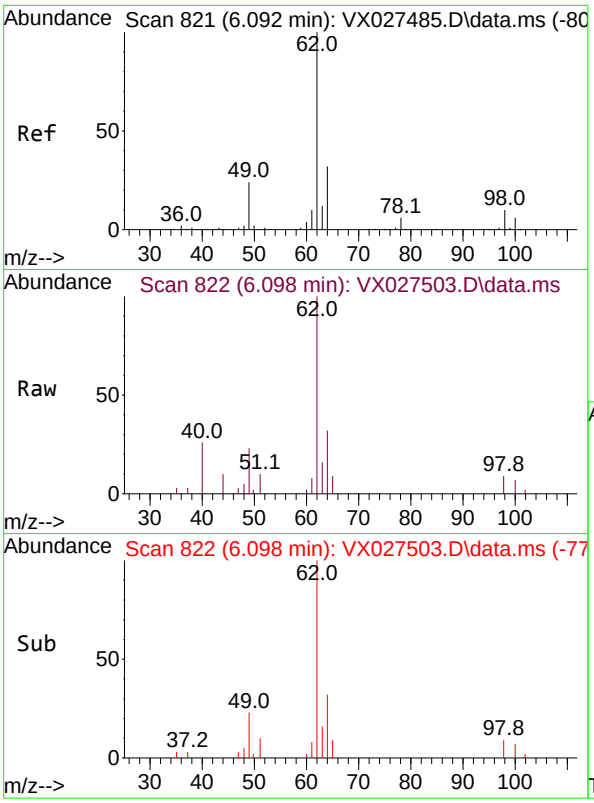


#40
Benzene
Concen: 0.369 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX027503.D
Acq: 17 Mar 2022 21:44

Tgt Ion: 78 Resp: 5112

Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.3	28.9



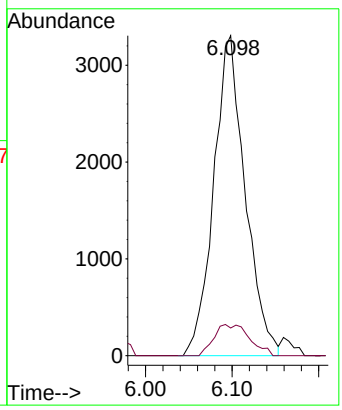


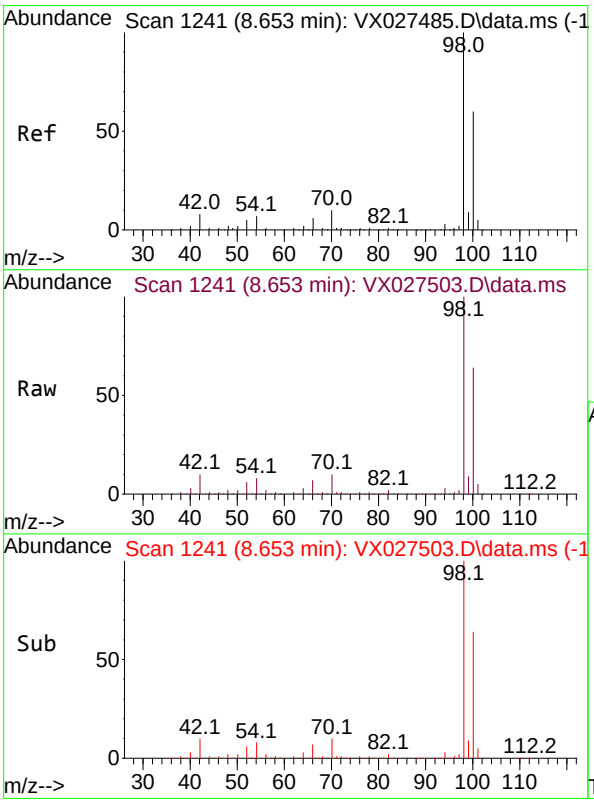
#42
1,2-Dichloroethane
Concen: 1.605 ug/l
RT: 6.098 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX027503.D
Acq: 17 Mar 2022 21:44

Instrument :
MSVOA_X
ClientSampleId :
MW-107

Tgt Ion: 62 Resp: 8337

Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	20.4

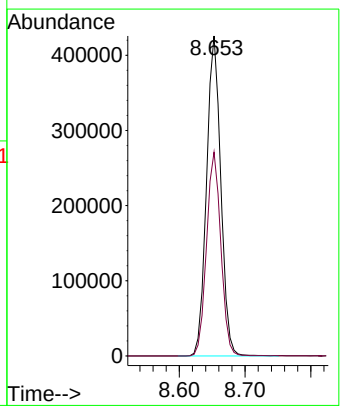


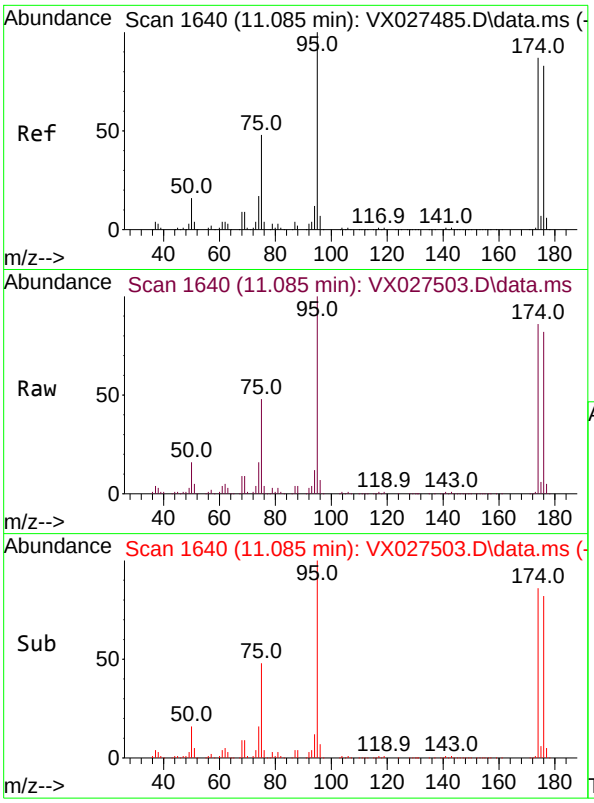


#50
Toluene-d8
Concen: 48.012 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027503.D
Acq: 17 Mar 2022 21:44

Tgt Ion: 98 Resp: 642125

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.6	78.8



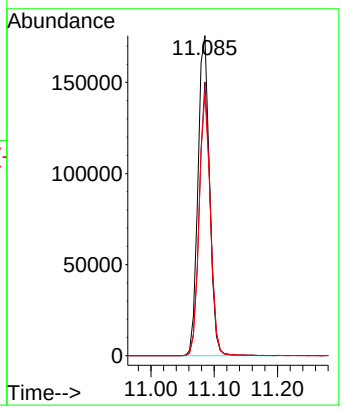


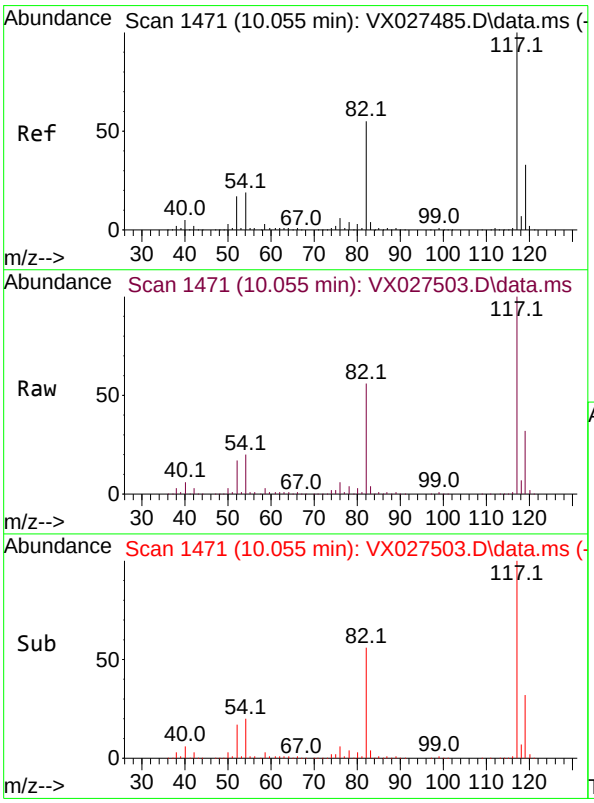
#62
4-Bromofluorobenzene
Concen: 45.672 ug/l
RT: 11.085 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX027503.D
Acq: 17 Mar 2022 21:44

Instrument :
MSVOA_X
ClientSampleId :
MW-107

Tgt Ion: 95 Resp: 224514

Ion	Ratio	Lower	Upper
95	100		
174	81.5	0.0	163.0
176	78.9	0.0	155.0

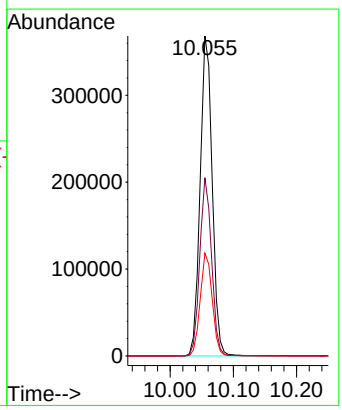


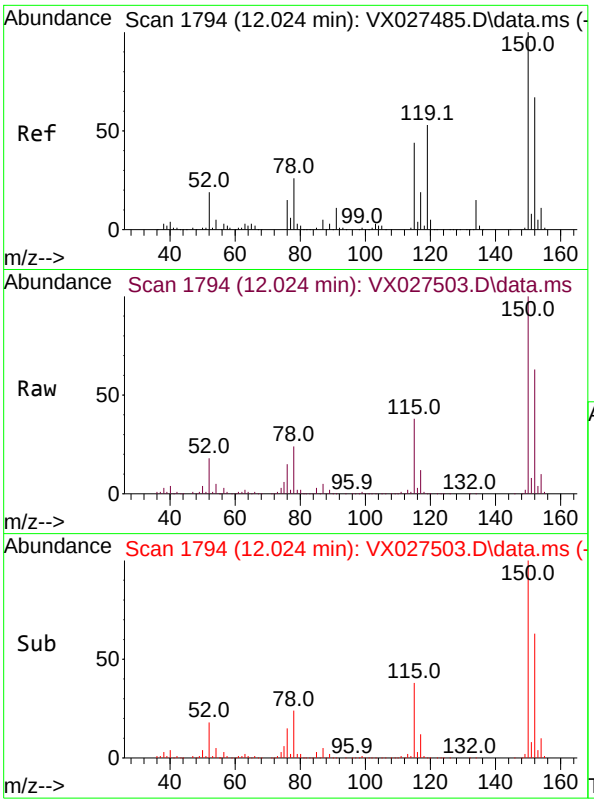


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027503.D
Acq: 17 Mar 2022 21:44

Tgt Ion:117 Resp: 489591

Ion	Ratio	Lower	Upper
117	100		
82	55.7	41.8	62.8
119	32.2	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: VX027503.D
Acq: 17 Mar 2022 21:44

Instrument :
MSVOA_X
ClientSampleId :
MW-107

Tgt Ion:152 Resp: 214143

Ion	Ratio	Lower	Upper
152	100		
115	59.7	37.5	112.7
150	156.9	0.0	338.2