Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022724\
Data File : VX040497.D
Acq On : 27 Feb 2024 18:09
Operator : JC/MD
Sample : P1613-05 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
1851

Quant Time: Feb 28 02:08:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 27 05:01:33 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	69391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	122548	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58126	50.082	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.160%			
35) Dibromofluoromethane	5.385	113	41671	48.899	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.800%			
50) Toluene-d8	8.647	98	150978	48.807	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.620%			
62) 4-Bromofluorobenzene	11.079	95	59959	50.849	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.700%			
Target Compounds						Qvalue
16) Acetone	2.380	43	4426	11.694	ug/l	93
52) Toluene	8.720	92	6556	3.005	ug/l	91
67) Ethyl Benzene	10.195	91	2069	0.437	ug/l	95
68) m/p-Xylenes	10.299	106	3501	1.980	ug/l	92
69) o-Xylene	10.646	106	1326	0.784	ug/l	99

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

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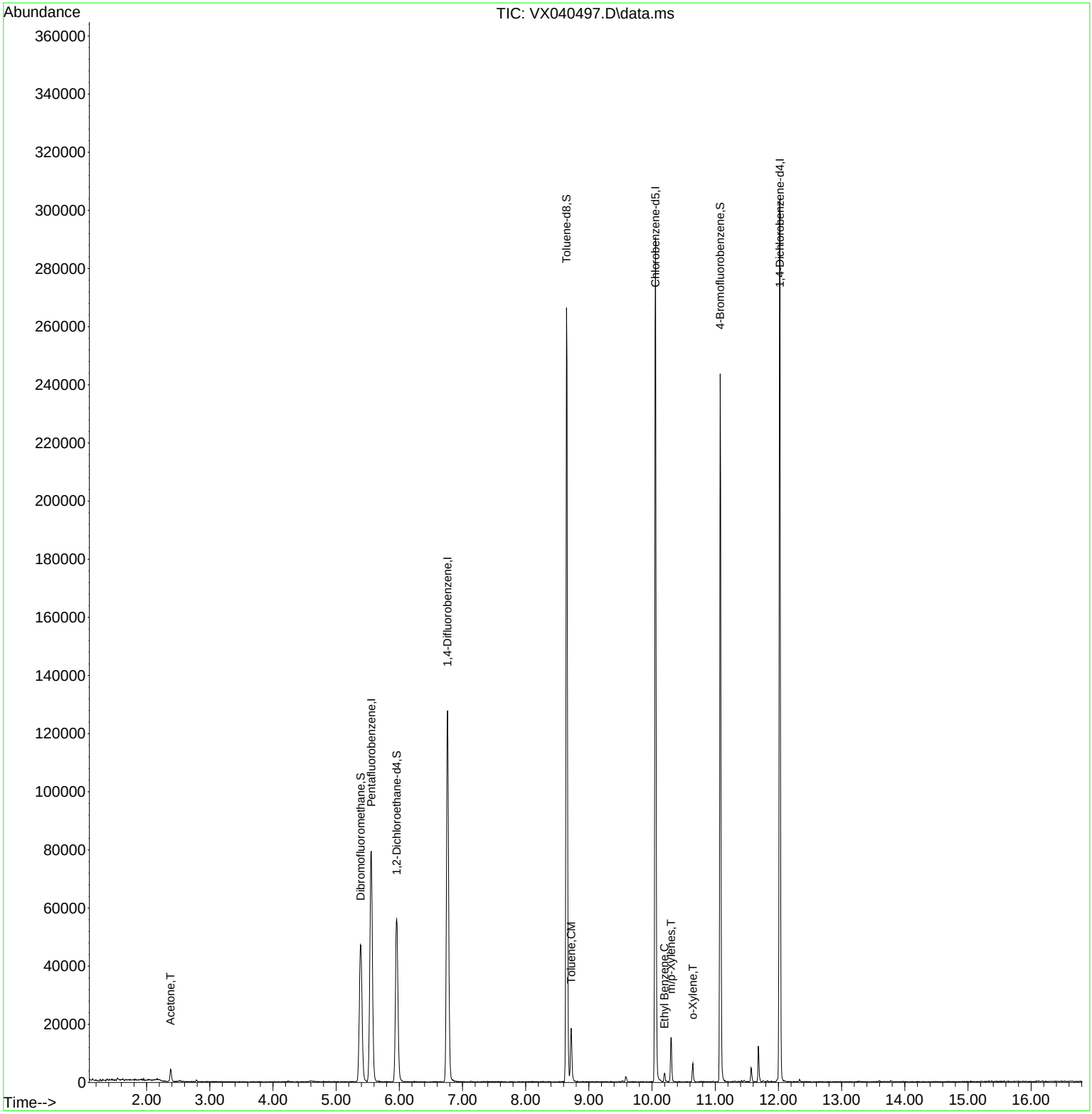
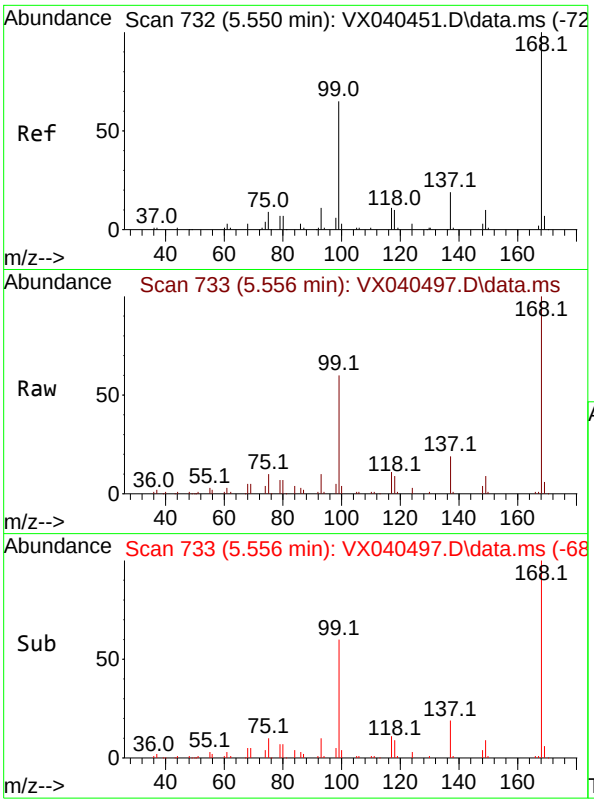


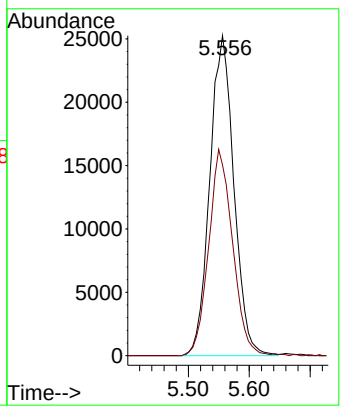


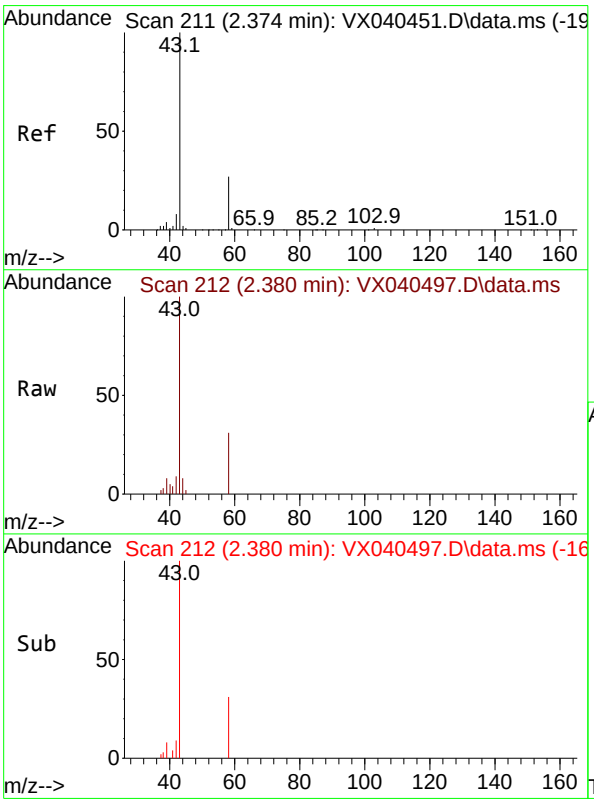
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX040497.D
Acq: 27 Feb 2024 18:09

Instrument :
MSVOA_X
ClientSampleId :
1851

Tgt Ion:168 Resp: 69391

Ion	Ratio	Lower	Upper
168	100		
99	59.6	56.6	85.0

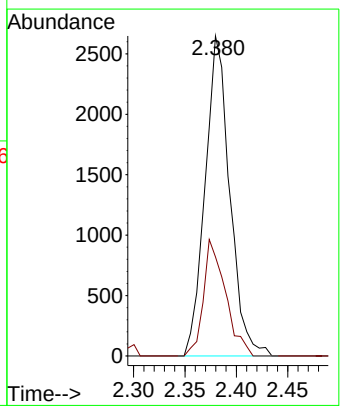


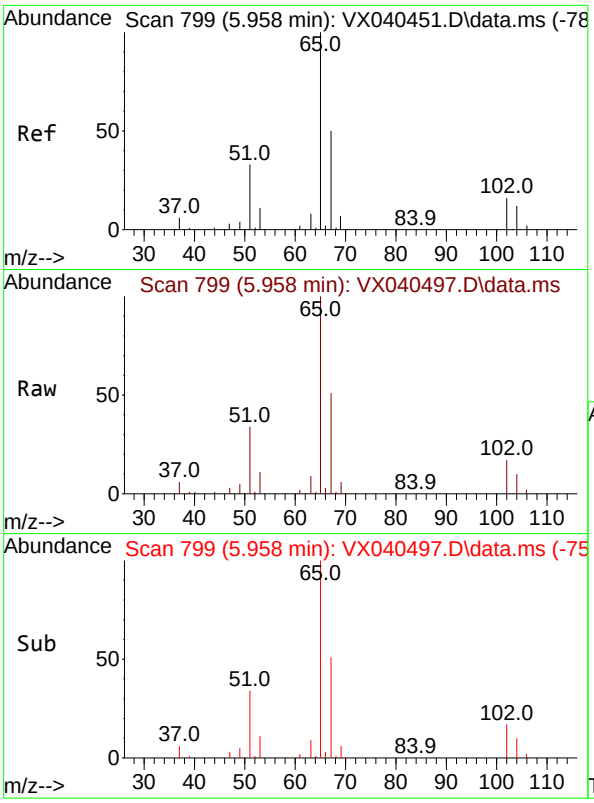


#16
Acetone
Concen: 11.694 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040497.D
Acq: 27 Feb 2024 18:09

Tgt Ion: 43 Resp: 4426

Ion	Ratio	Lower	Upper
43	100		
58	31.0	21.9	32.9



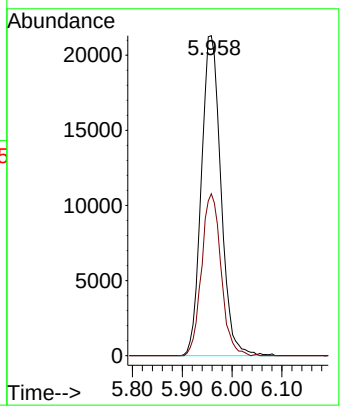


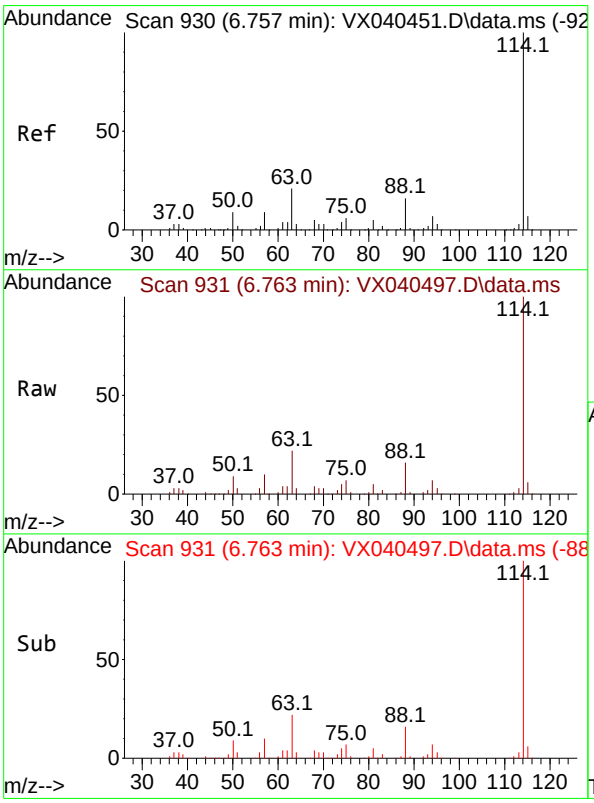
#33
1,2-Dichloroethane-d4
Concen: 50.082 ug/l
RT: 5.958 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX040497.D
Acq: 27 Feb 2024 18:09

Instrument :
MSVOA_X
ClientSampleId :
1851

Tgt Ion: 65 Resp: 58126

Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	100.2

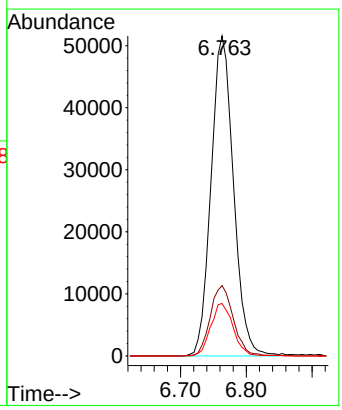


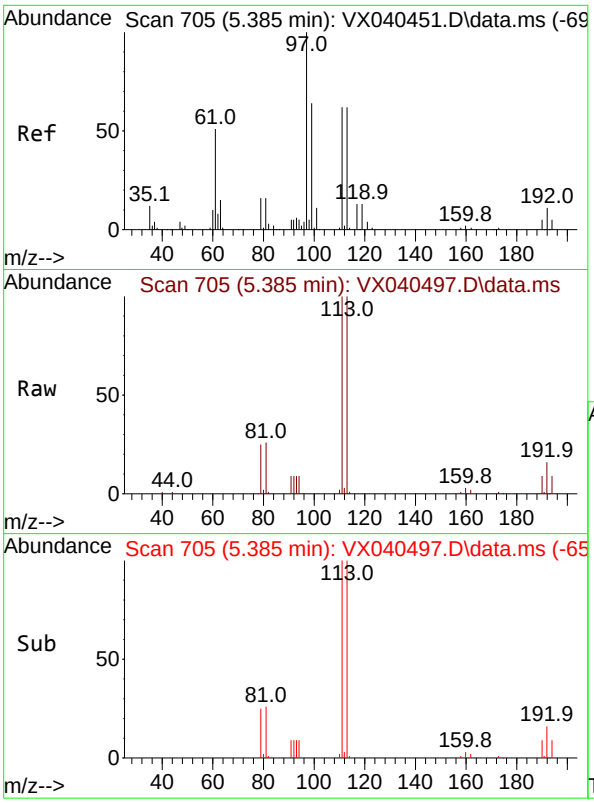


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX040497.D
Acq: 27 Feb 2024 18:09

Tgt Ion:114 Resp: 122548

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	45.0
88	16.4	0.0	36.6



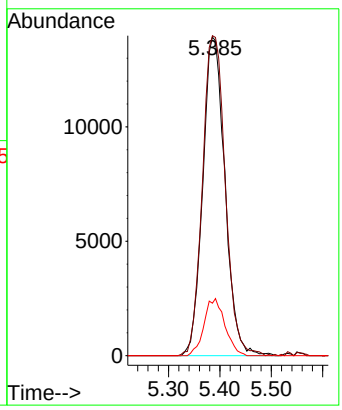


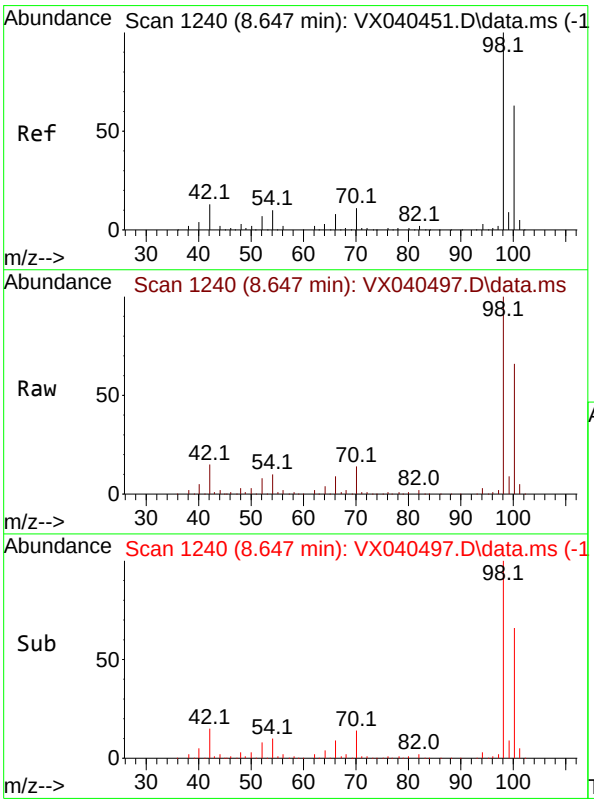
#35
Dibromofluoromethane
Concen: 48.899 ug/l
RT: 5.385 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX040497.D
Acq: 27 Feb 2024 18:09

Instrument :
MSVOA_X
ClientSampleId :
1851

Tgt Ion:113 Resp: 41671

Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.9	124.3
192	16.9	13.3	19.9

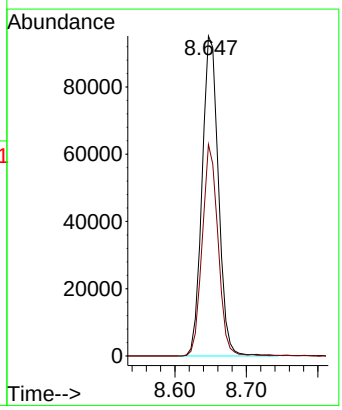


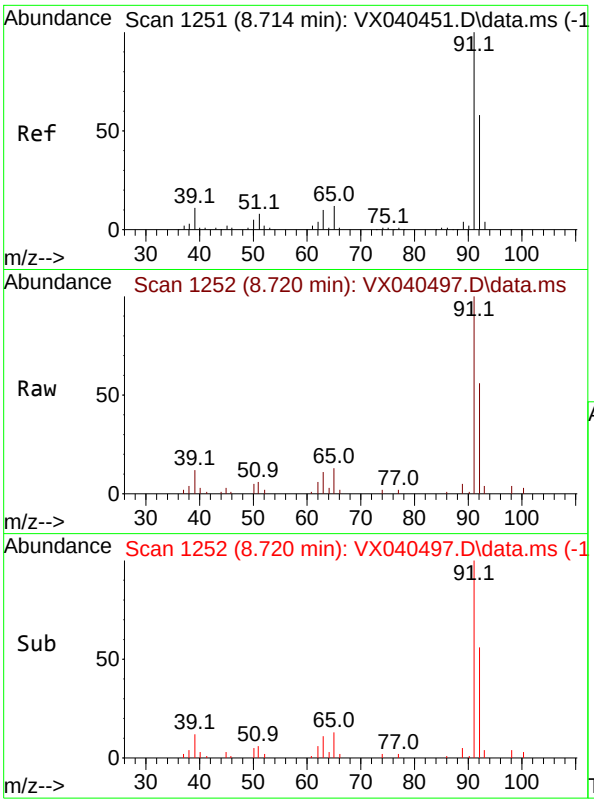


#50
Toluene-d8
Concen: 48.807 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040497.D
Acq: 27 Feb 2024 18:09

Tgt Ion: 98 Resp: 150978

Ion	Ratio	Lower	Upper
98	100		
100	63.9	53.1	79.7



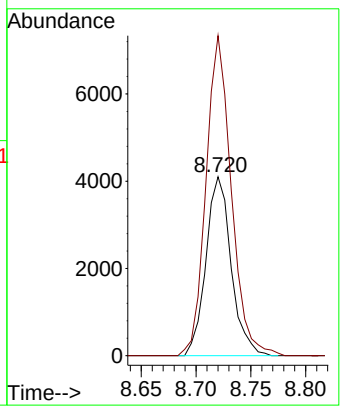


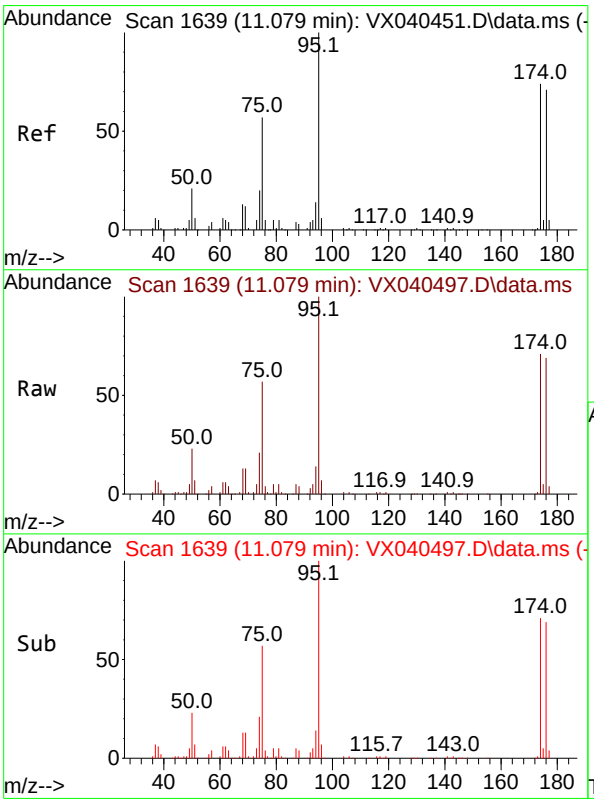
#52
Toluene
Concen: 3.005 ug/l
RT: 8.720 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX040497.D
Acq: 27 Feb 2024 18:09

Instrument :
MSVOA_X
ClientSampleId :
1851

Tgt Ion: 92 Resp: 6556

Ion	Ratio	Lower	Upper
92	100		
91	179.7	134.2	201.2

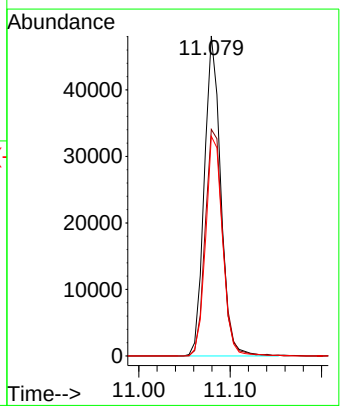


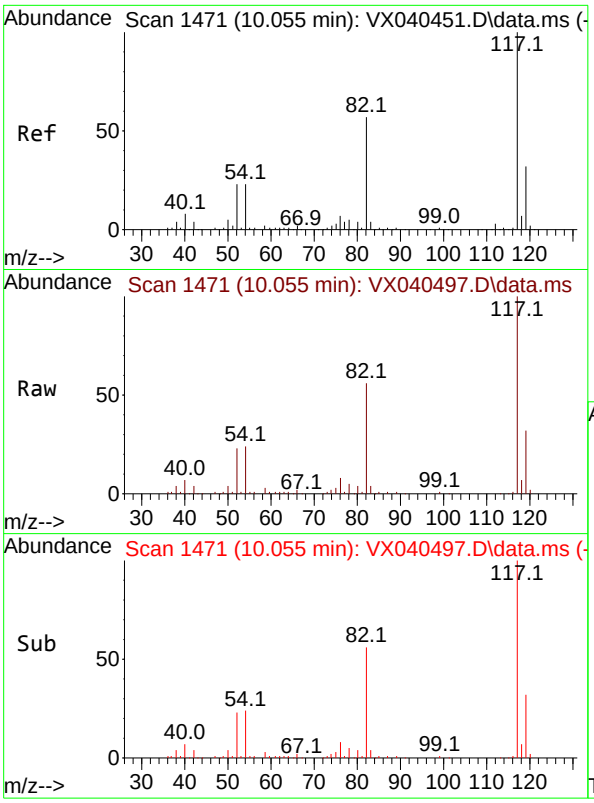


#62
4-Bromofluorobenzene
Concen: 50.849 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040497.D
Acq: 27 Feb 2024 18:09

Tgt Ion: 95 Resp: 59959

Ion	Ratio	Lower	Upper
95	100		
174	75.7	0.0	135.6
176	70.9	0.0	131.0



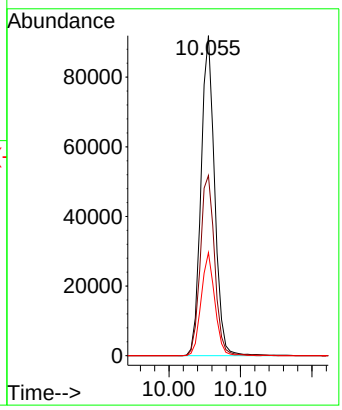


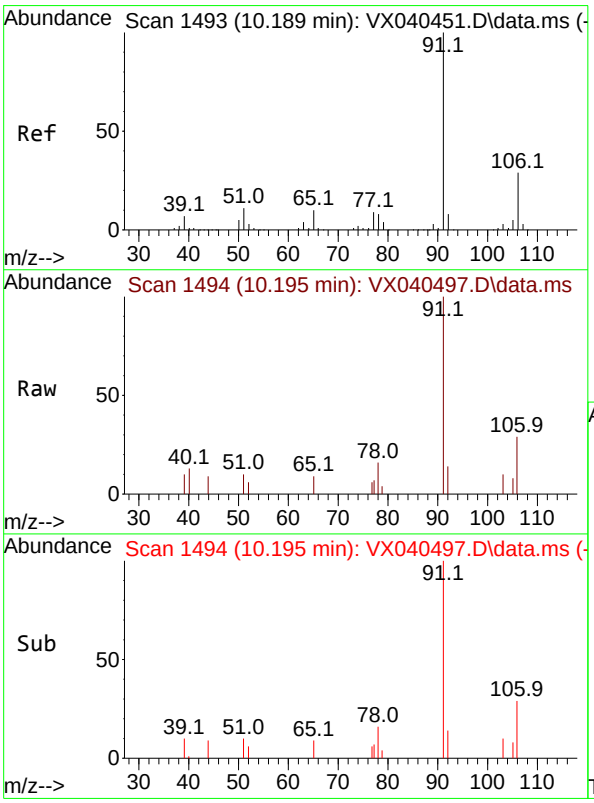
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX040497.D
Acq: 27 Feb 2024 18:09

Instrument :
MSVOA_X
ClientSampleId :
1851

Tgt Ion:117 Resp: 121604

Ion	Ratio	Lower	Upper
117	100		
82	56.3	46.2	69.4
119	32.2	25.5	38.3

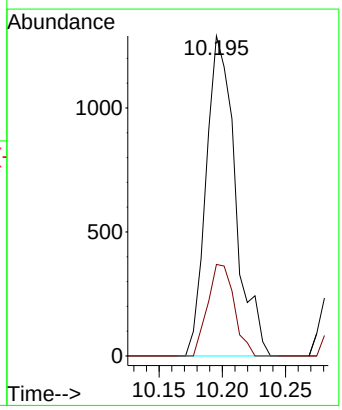


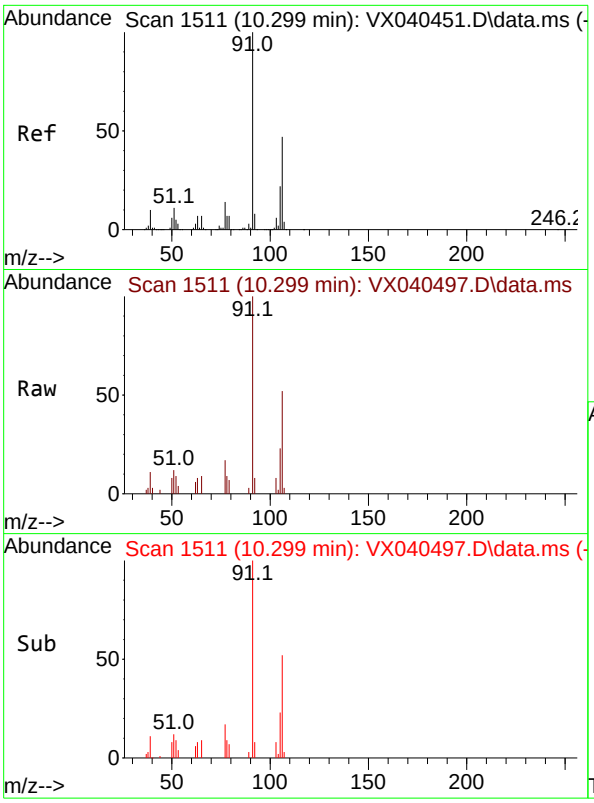


#67
Ethyl Benzene
Concen: 0.437 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX040497.D
Acq: 27 Feb 2024 18:09

Tgt Ion: 91 Resp: 2069

Ion	Ratio	Lower	Upper
91	100		
106	28.6	24.9	37.3



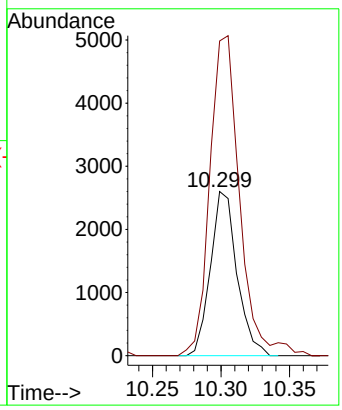


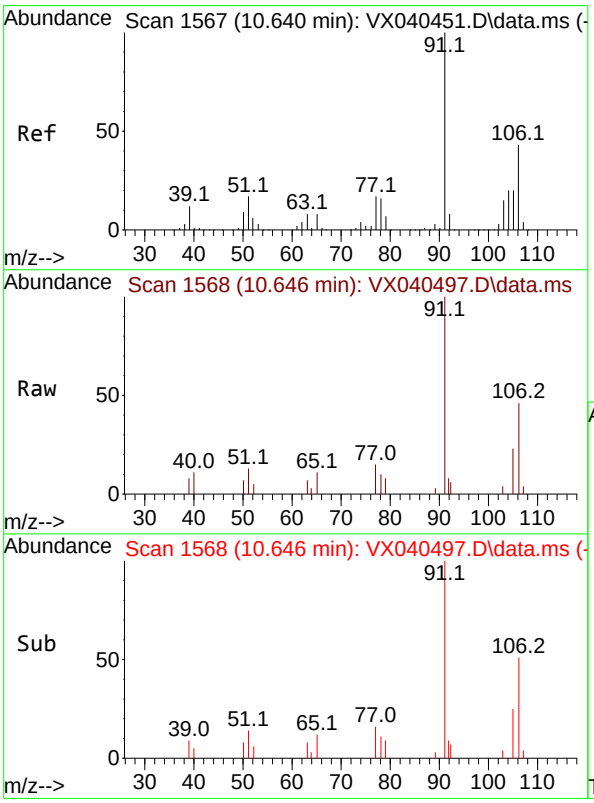
#68
m/p-Xylenes
Concen: 1.980 ug/l
RT: 10.299 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX040497.D
Acq: 27 Feb 2024 18:09

Instrument :
MSVOA_X
ClientSampleId :
1851

Tgt Ion:106 Resp: 3501

Ion	Ratio	Lower	Upper
106	100		
91	218.6	165.5	248.3

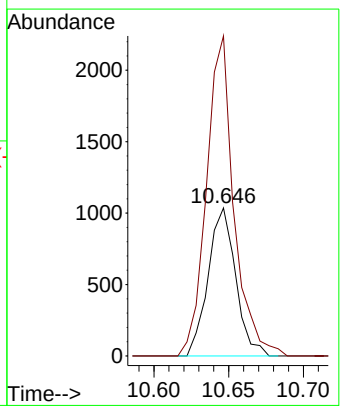


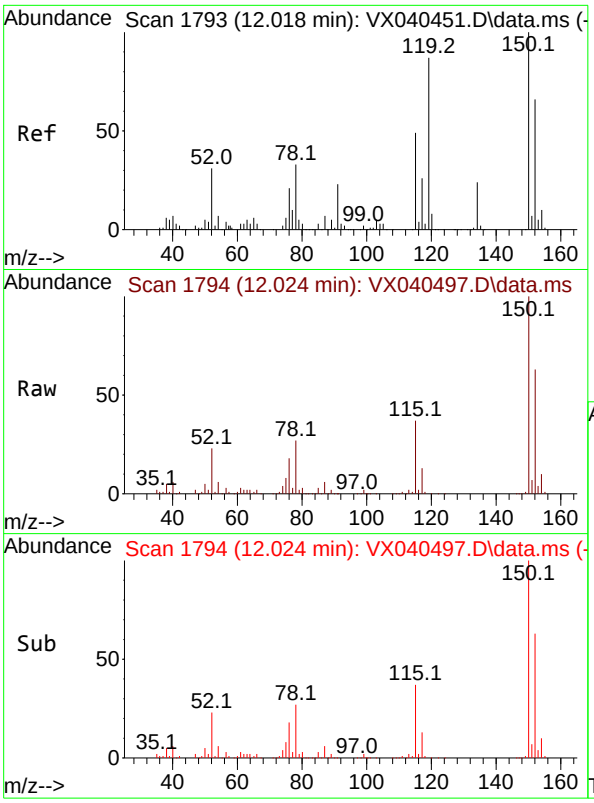


#69
o-Xylene
Concen: 0.784 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX040497.D
Acq: 27 Feb 2024 18:09

Tgt Ion:106 Resp: 1326

Ion	Ratio	Lower	Upper
106	100		
91	215.5	108.9	326.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX040497.D
Acq: 27 Feb 2024 18:09

Instrument :
MSVOA_X
ClientSampleId :
1851

Tgt Ion:152 Resp: 60157

Ion	Ratio	Lower	Upper
152	100		
115	62.9	43.3	129.9
150	156.2	0.0	345.0