Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021924\
Data File : VX040331.D
Acq On : 19 Feb 2024 15:26
Operator : JC/MD
Sample : P1395-02DL 2000X
Misc : 4.23g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
B-3(10-12)DL

Quant Time: Feb 20 01:16:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	81475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	144974	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	138679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	74210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63059	52.024	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.040%			
35) Dibromofluoromethane	5.385	113	46823	46.249	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.500%			
50) Toluene-d8	8.647	98	178154	47.042	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.080%			
62) 4-Bromofluorobenzene	11.079	95	70054	45.356	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.720%			
Target Compounds						Qvalue
52) Toluene	8.720	92	105074	40.447	ug/l	93
67) Ethyl Benzene	10.195	91	13846	2.686	ug/l	100
68) m/p-Xylenes	10.299	106	18892	9.704	ug/l	95
69) o-Xylene	10.640	106	7287	3.852	ug/l	93

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

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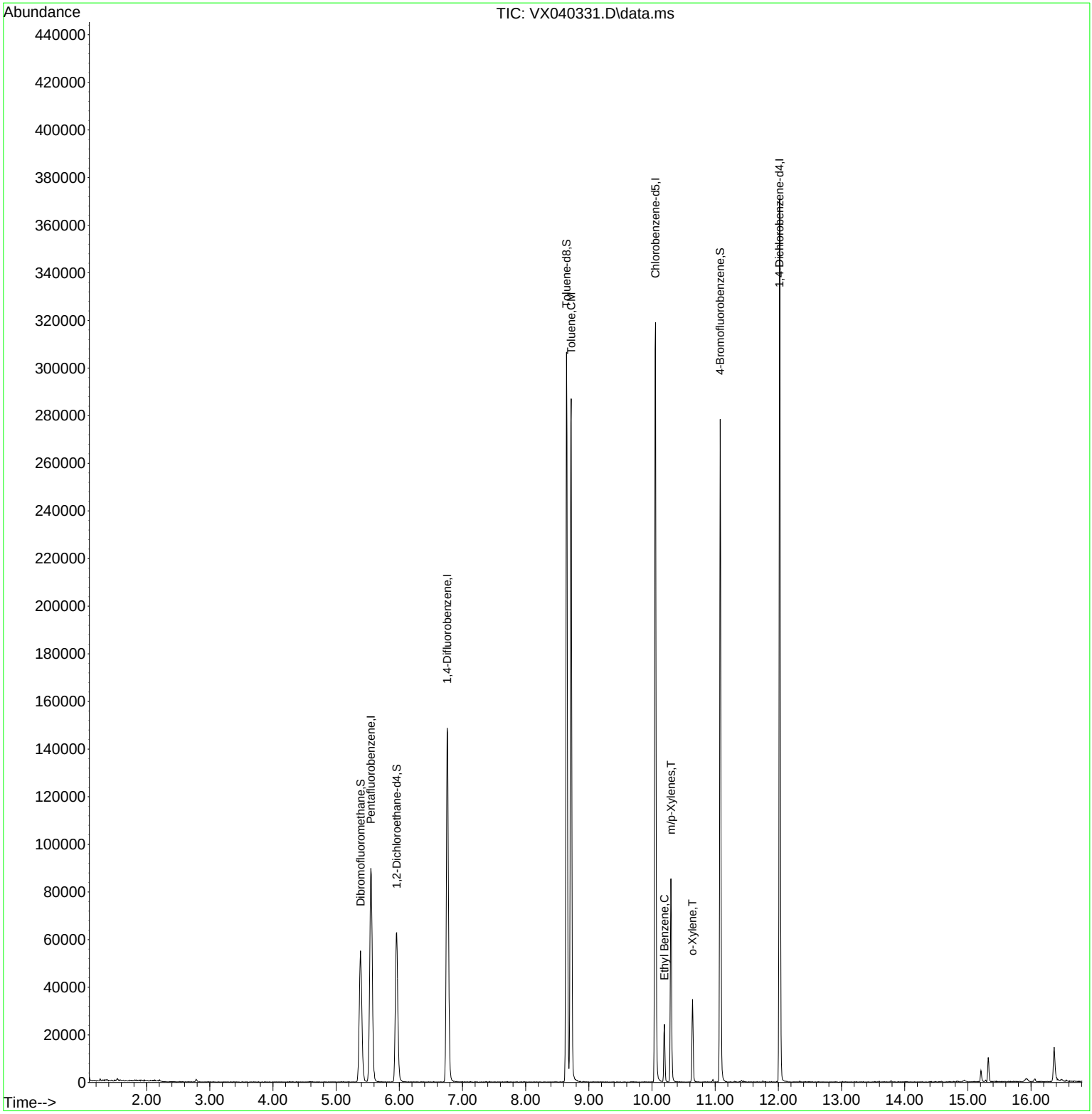
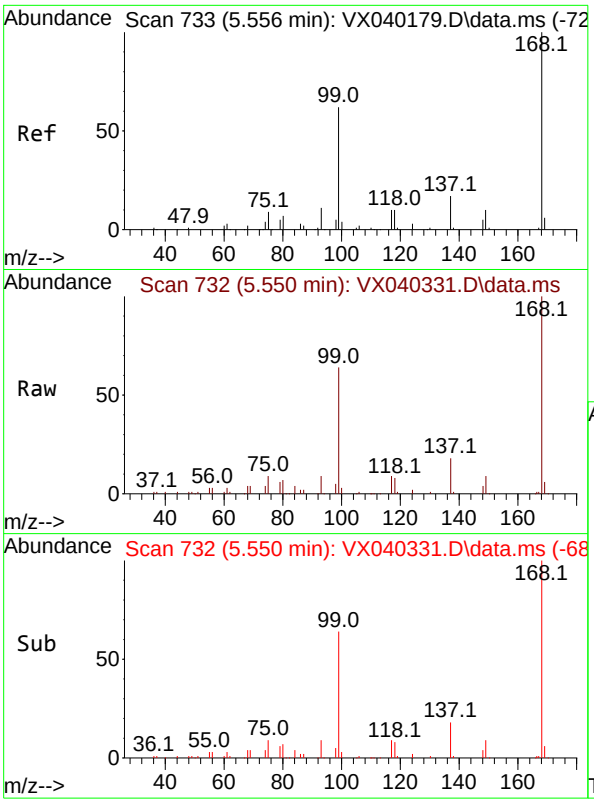


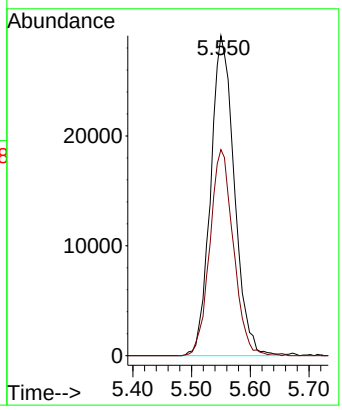


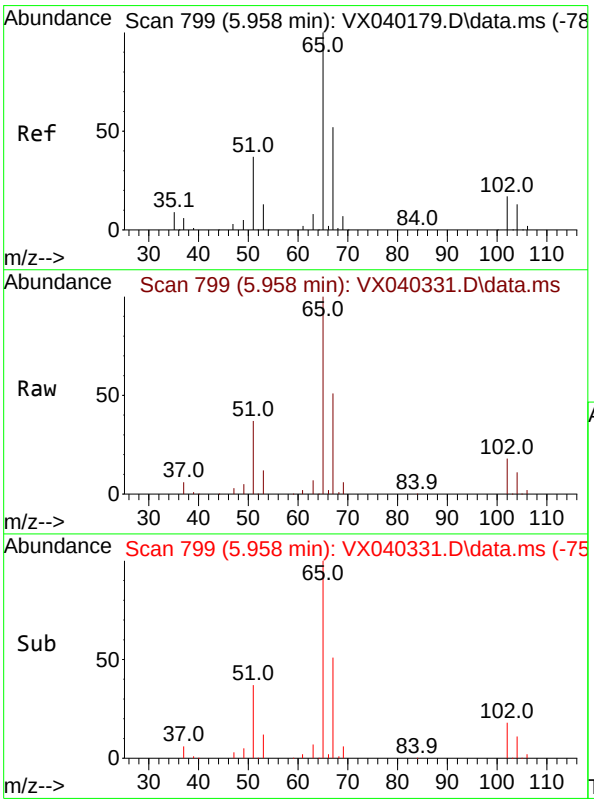
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX040331.D
Acq: 19 Feb 2024 15:26

Instrument :
MSVOA_X
ClientSampleId :
B-3(10-12)DL

Tgt Ion:168 Resp: 81475

Ion	Ratio	Lower	Upper
168	100		
99	64.4	56.6	85.0

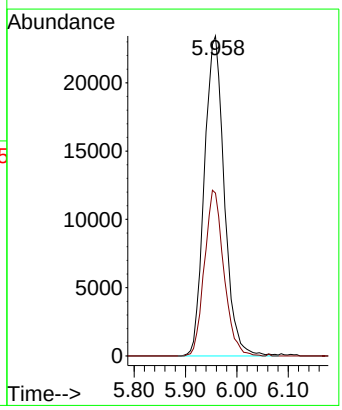


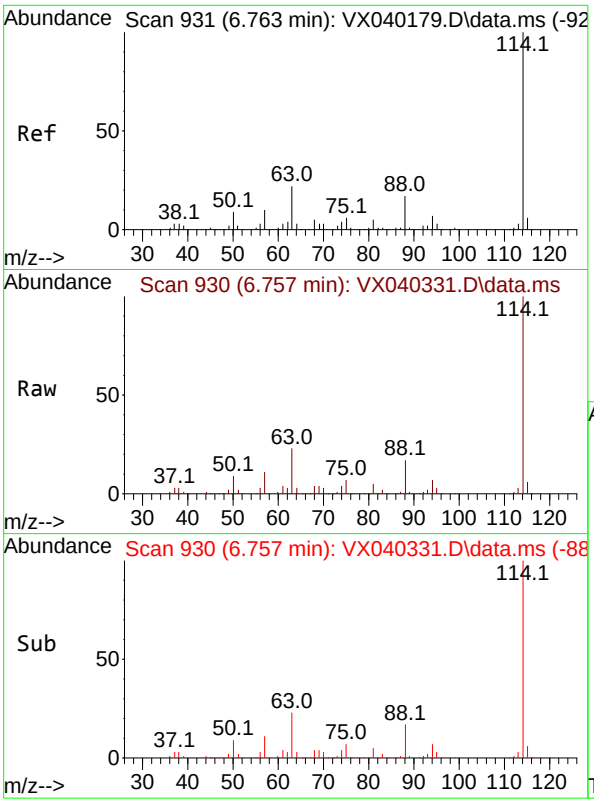


#33
1,2-Dichloroethane-d4
Concen: 52.024 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX040331.D
Acq: 19 Feb 2024 15:26

Tgt Ion: 65 Resp: 63059

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	100.2



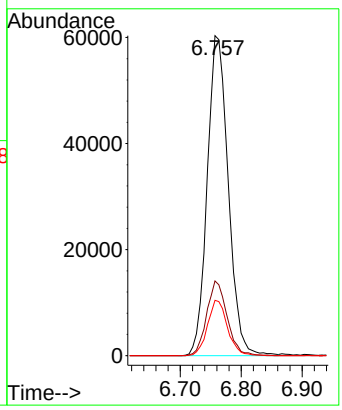


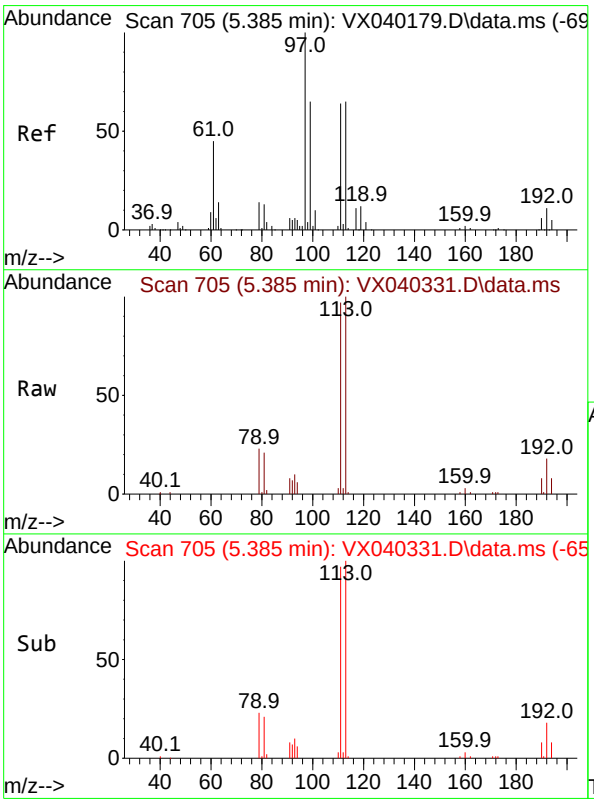
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX040331.D
Acq: 19 Feb 2024 15:26

Instrument :
MSVOA_X
ClientSampleId :
B-3(10-12)DL

Tgt Ion:114 Resp: 144974

Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	45.0
88	17.3	0.0	36.6

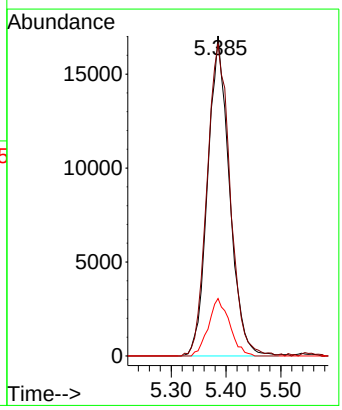


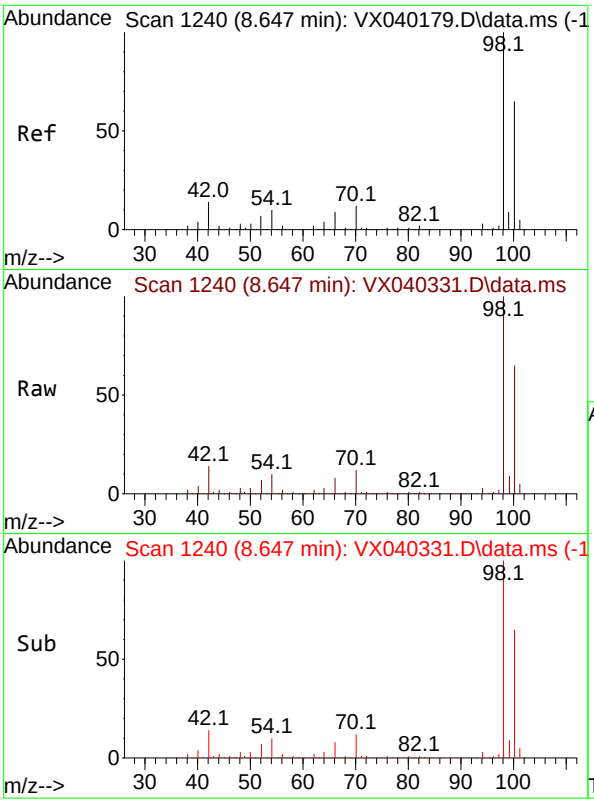


#35
Dibromofluoromethane
Concen: 46.249 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040331.D
Acq: 19 Feb 2024 15:26

Tgt Ion:113 Resp: 46823

Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.9	124.3
192	17.5	13.3	19.9



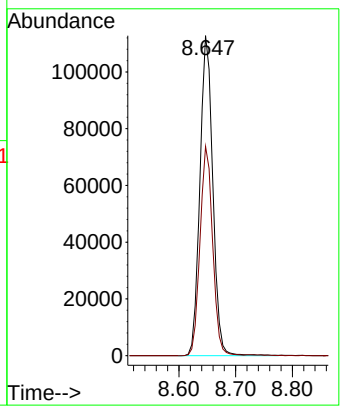


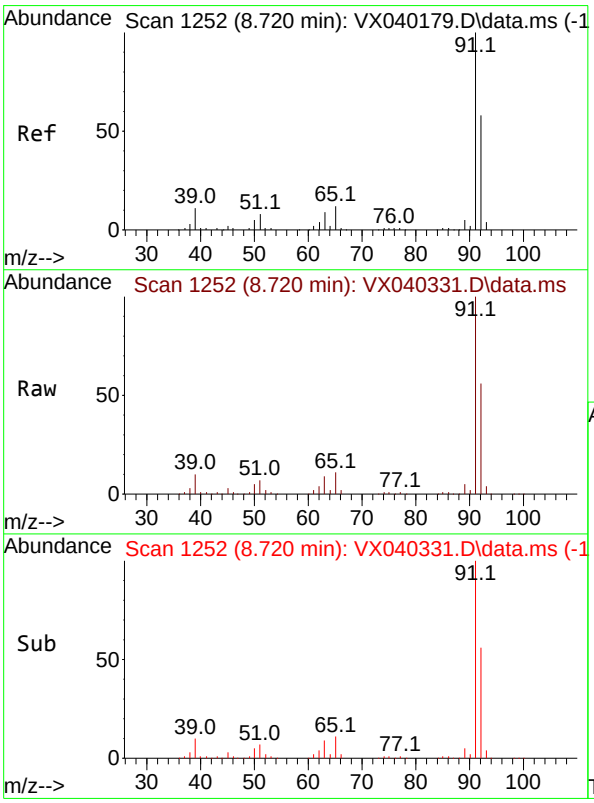
#50
Toluene-d8
Concen: 47.042 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX040331.D
Acq: 19 Feb 2024 15:26

Instrument :
MSVOA_X
ClientSampleId :
B-3(10-12)DL

Tgt Ion: 98 Resp: 178154

Ion	Ratio	Lower	Upper
98	100		
100	64.3	53.1	79.7

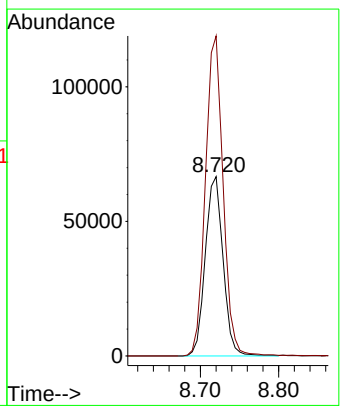


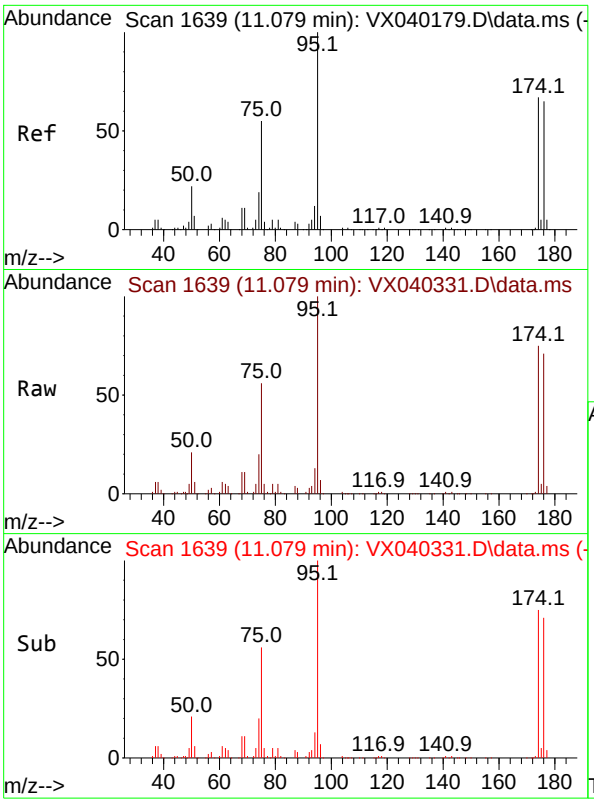


#52
Toluene
Concen: 40.447 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX040331.D
Acq: 19 Feb 2024 15:26

Tgt Ion: 92 Resp: 105074

Ion	Ratio	Lower	Upper
92	100		
91	177.5	134.2	201.2



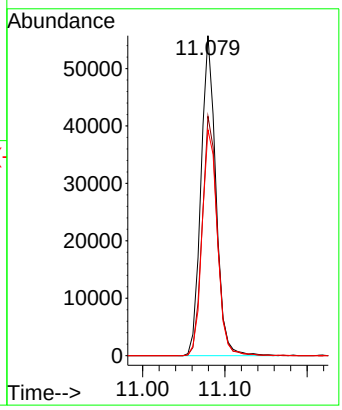


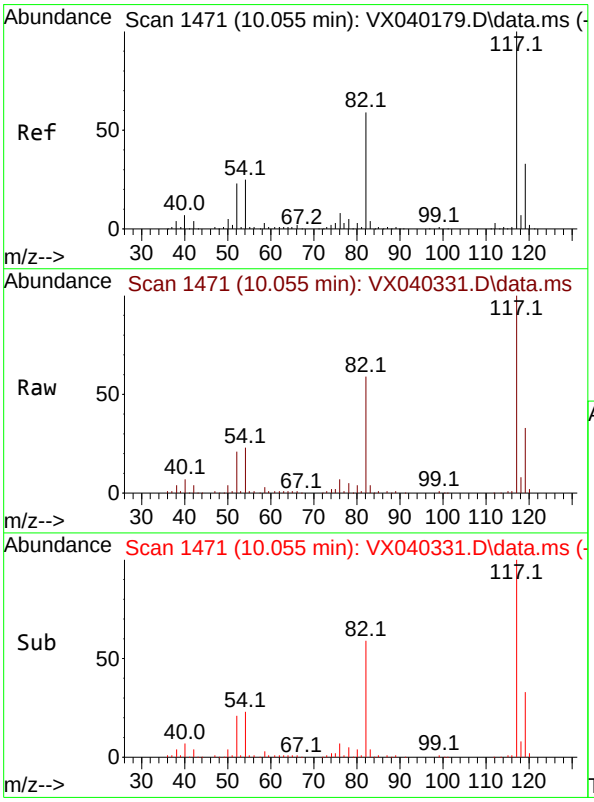
#62
4-Bromofluorobenzene
Concen: 45.356 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040331.D
Acq: 19 Feb 2024 15:26

Instrument :
MSVOA_X
ClientSampleId :
B-3(10-12)DL

Tgt Ion: 95 Resp: 70054

Ion	Ratio	Lower	Upper
95	100		
174	75.5	0.0	135.6
176	72.6	0.0	131.0

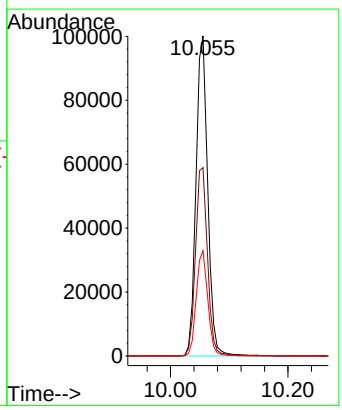


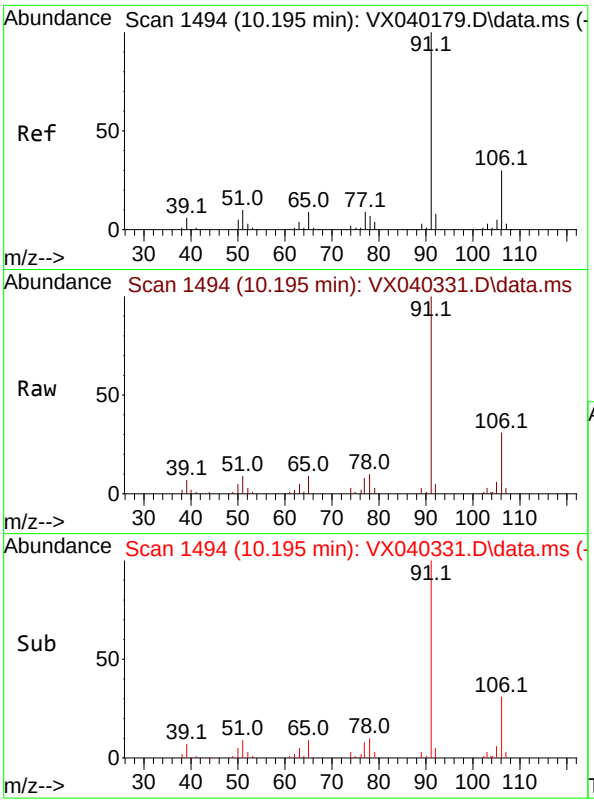


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040331.D
Acq: 19 Feb 2024 15:26

Tgt Ion:117 Resp: 138679

Ion	Ratio	Lower	Upper
117	100		
82	58.8	46.2	69.4
119	32.9	25.5	38.3



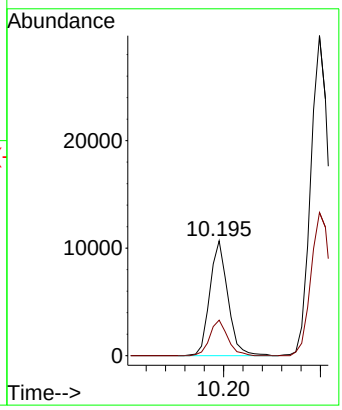


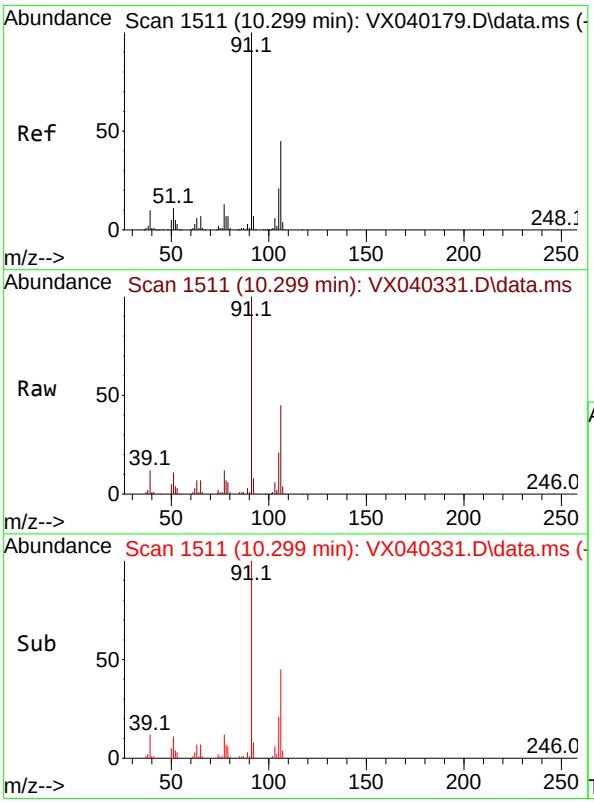
#67
Ethyl Benzene
Concen: 2.686 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX040331.D
Acq: 19 Feb 2024 15:26

Instrument :
MSVOA_X
ClientSampleId :
B-3(10-12)DL

Tgt Ion: 91 Resp: 13846

Ion	Ratio	Lower	Upper
91	100		
106	31.0	24.9	37.3

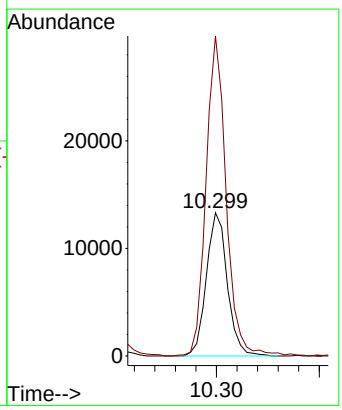


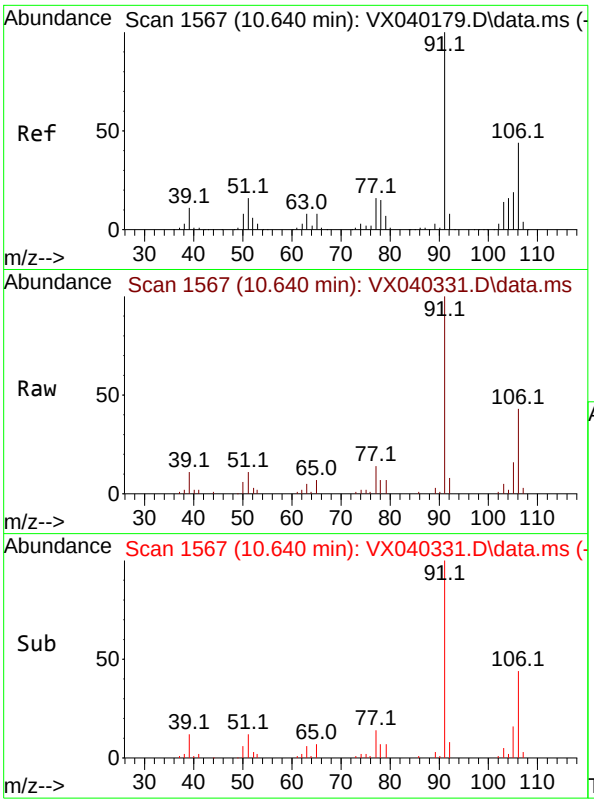


#68
m/p-Xylenes
Concen: 9.704 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040331.D
Acq: 19 Feb 2024 15:26

Tgt Ion:106 Resp: 18892

Ion	Ratio	Lower	Upper
106	100		
91	214.9	165.5	248.3



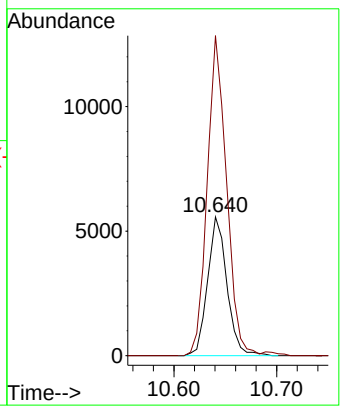


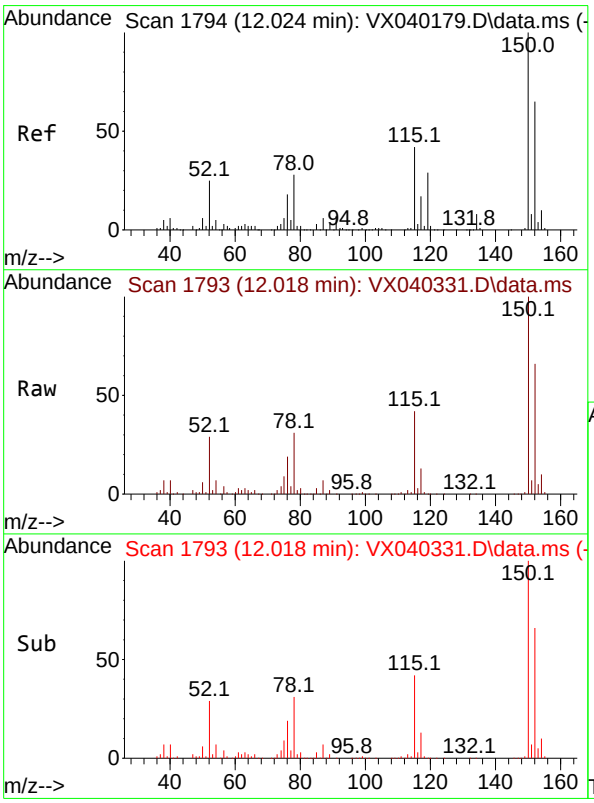
#69
o-Xylene
Concen: 3.852 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040331.D
Acq: 19 Feb 2024 15:26

Instrument :
MSVOA_X
ClientSampleId :
B-3(10-12)DL

Tgt Ion:106 Resp: 7287

Ion	Ratio	Lower	Upper
106	100		
91	229.7	108.9	326.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX040331.D
Acq: 19 Feb 2024 15:26

Tgt Ion:152 Resp: 74210

Ion	Ratio	Lower	Upper
152	100		
115	59.9	43.3	129.9
150	153.8	0.0	345.0