Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040622\
Data File : VX027994.D
Acq On : 06 Apr 2022 13:41
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Quant Time: Apr 07 08:05:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040522W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 05 15:58:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	105626	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	177407	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74006	56.157	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.320%			
35) Dibromofluoromethane	5.385	113	57049	47.519	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.040%			
50) Toluene-d8	8.653	98	209937	47.861	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.720%			
62) 4-Bromofluorobenzene	11.085	95	88382	51.237	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.480%			
Target Compounds						Qvalue
52) Toluene	8.720	92	12139	4.020	ug/l	98
68) m/p-Xylenes	10.305	106	722	0.307	ug/l	76
80) 1,3,5-Trimethylbenzene	11.457	105	1134	0.230	ug/l	88
84) 1,2,4-Trimethylbenzene	11.756	105	4532	0.908	ug/l	88

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

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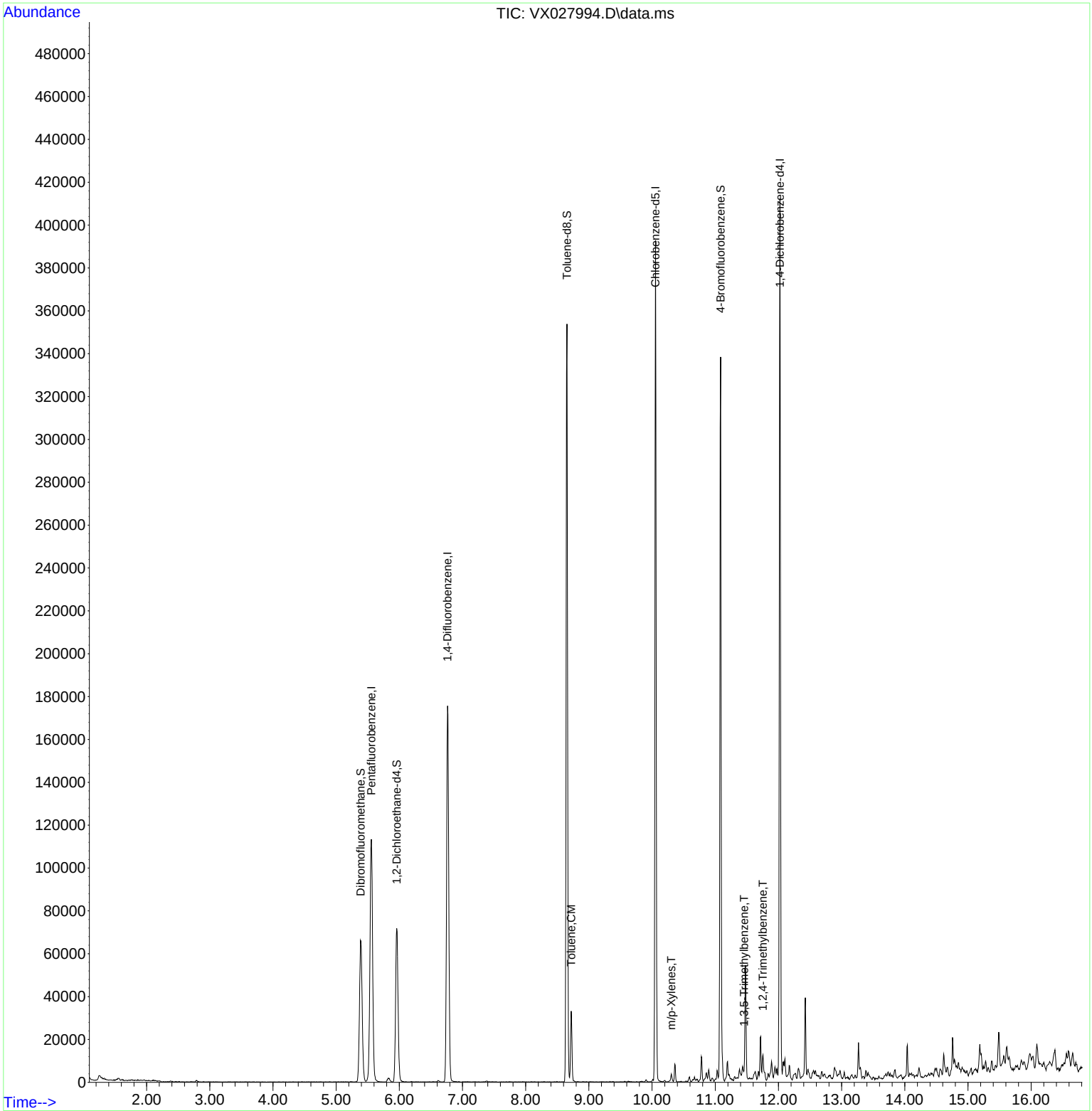
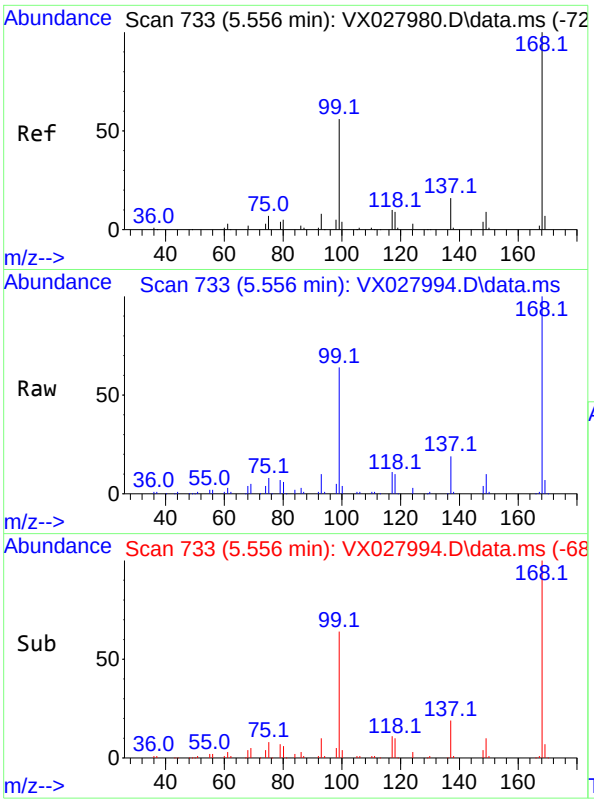


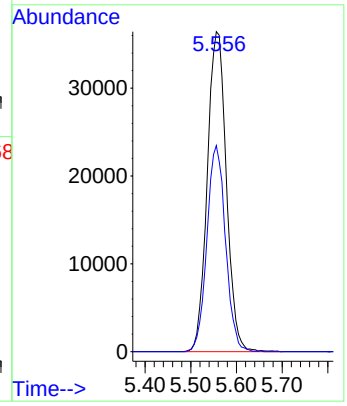


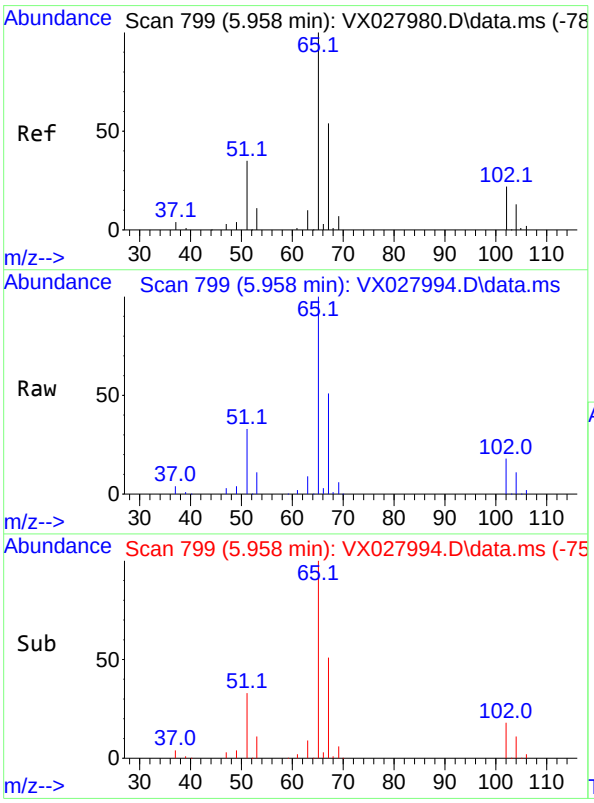
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX027994.D
Acq: 06 Apr 2022 13:41

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 105626

Ion	Ratio	Lower	Upper
168	100		
99	64.4	41.7	62.5#

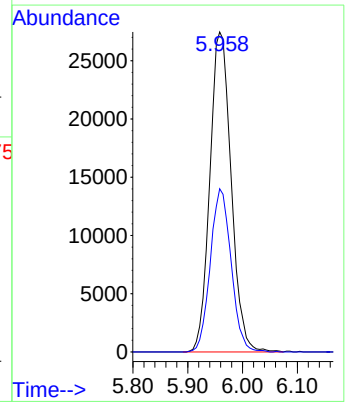


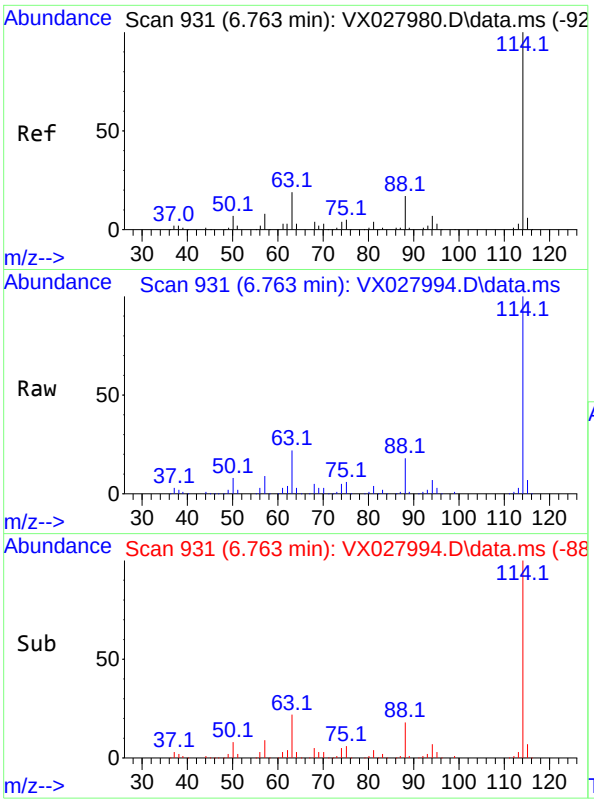


#33
1,2-Dichloroethane-d4
Concen: 56.157 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027994.D
Acq: 06 Apr 2022 13:41

Tgt Ion: 65 Resp: 74006

Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	107.4



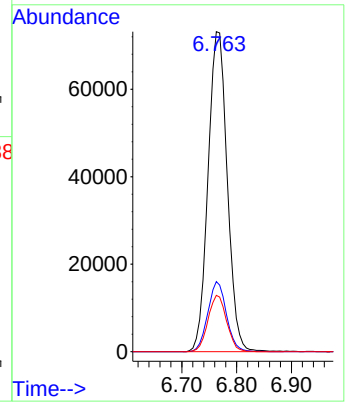


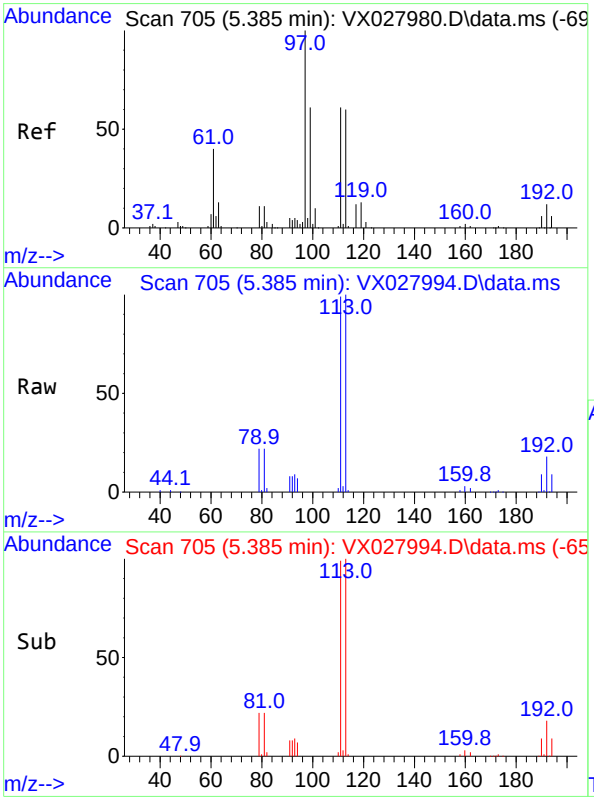
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX027994.D
Acq: 06 Apr 2022 13:41

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:114 Resp: 177407

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	36.8
88	17.6	0.0	32.4

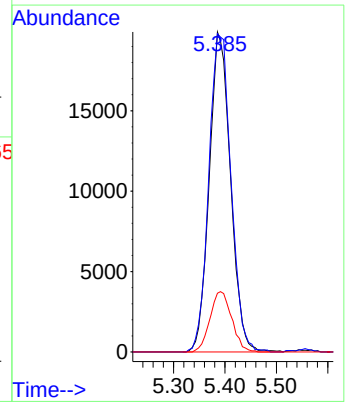


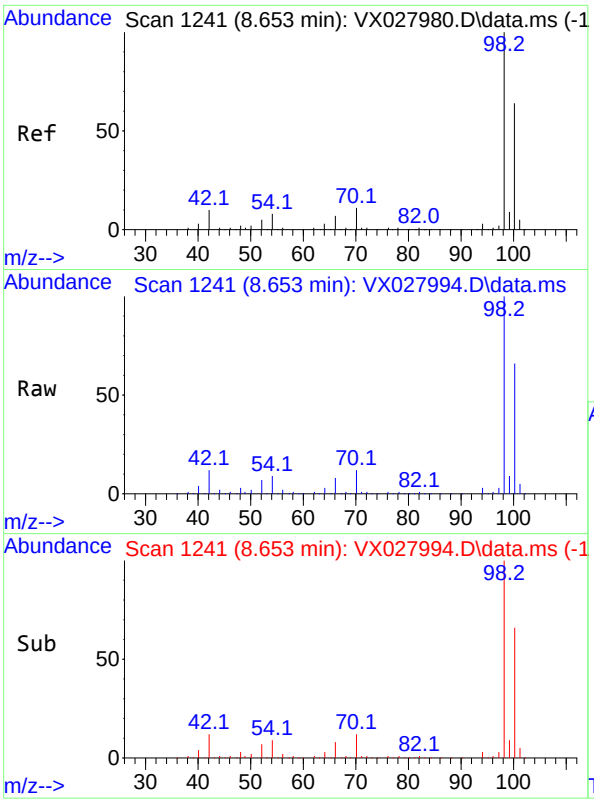


#35
Dibromofluoromethane
Concen: 47.519 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX027994.D
Acq: 06 Apr 2022 13:41

Tgt Ion:113 Resp: 57049

Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.8	124.2
192	19.3	16.9	25.3



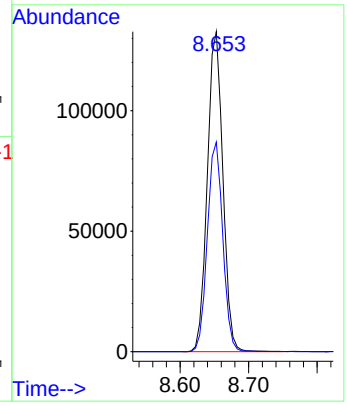


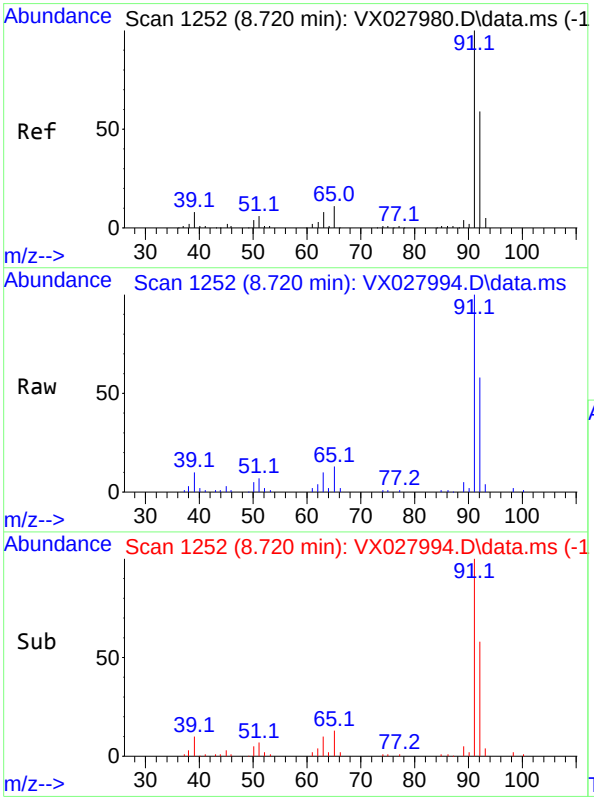
#50
Toluene-d8
Concen: 47.861 ug/l
RT: 8.653 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX027994.D
Acq: 06 Apr 2022 13:41

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 98 Resp: 209937

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.6	78.8

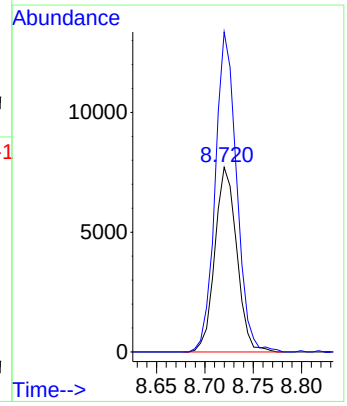


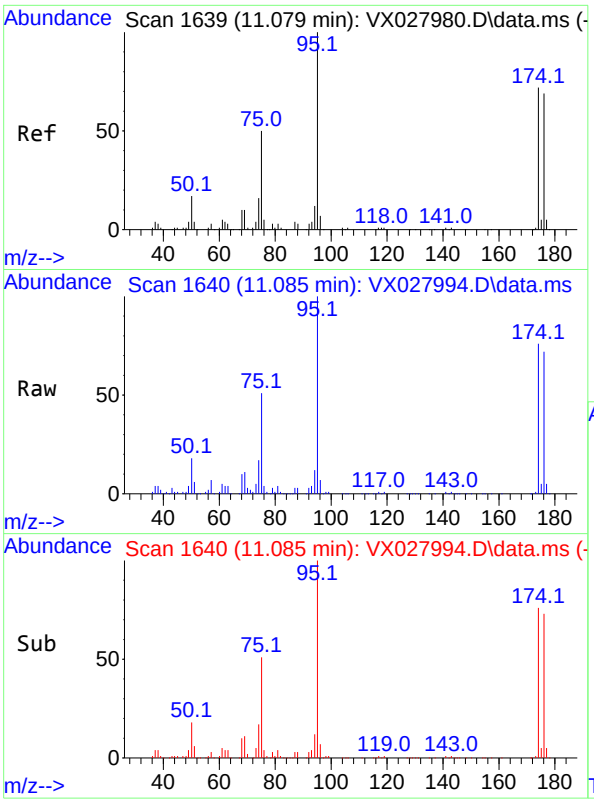


#52
Toluene
Concen: 4.020 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX027994.D
Acq: 06 Apr 2022 13:41

Tgt Ion: 92 Resp: 12139

Ion	Ratio	Lower	Upper
92	100		
91	169.0	137.5	206.3



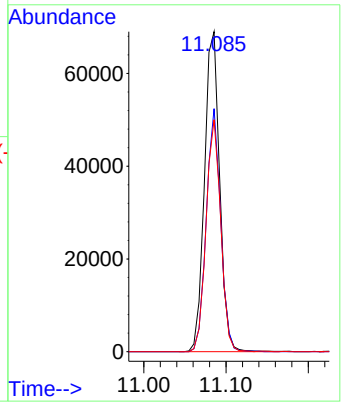


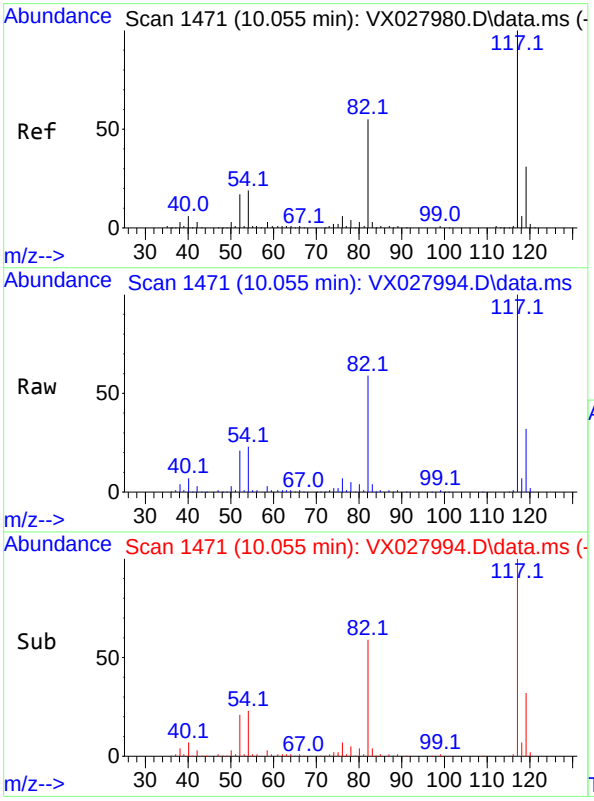
#62
4-Bromofluorobenzene
Concen: 51.237 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX027994.D
Acq: 06 Apr 2022 13:41

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 88382

Ion	Ratio	Lower	Upper
95	100		
174	71.9	0.0	163.0
176	70.0	0.0	155.0

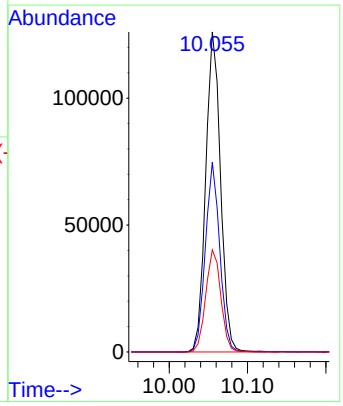


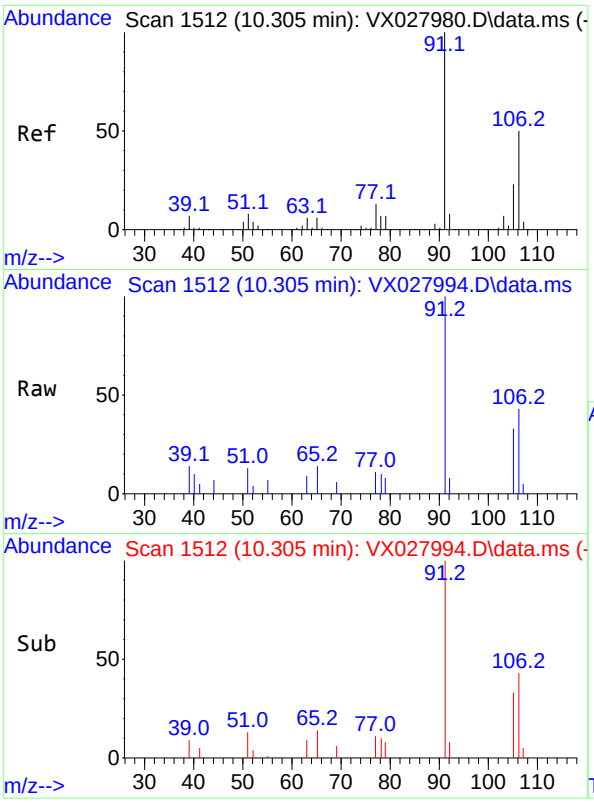


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027994.D
Acq: 06 Apr 2022 13:41

Tgt Ion:117 Resp: 165509

Ion	Ratio	Lower	Upper
117	100		
82	59.3	41.8	62.8
119	31.9	24.8	37.2



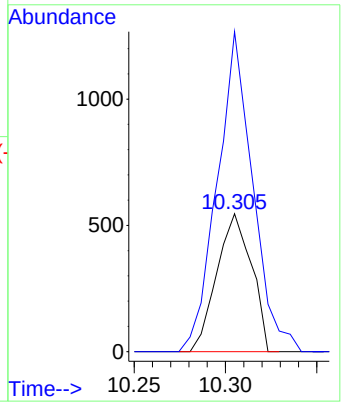


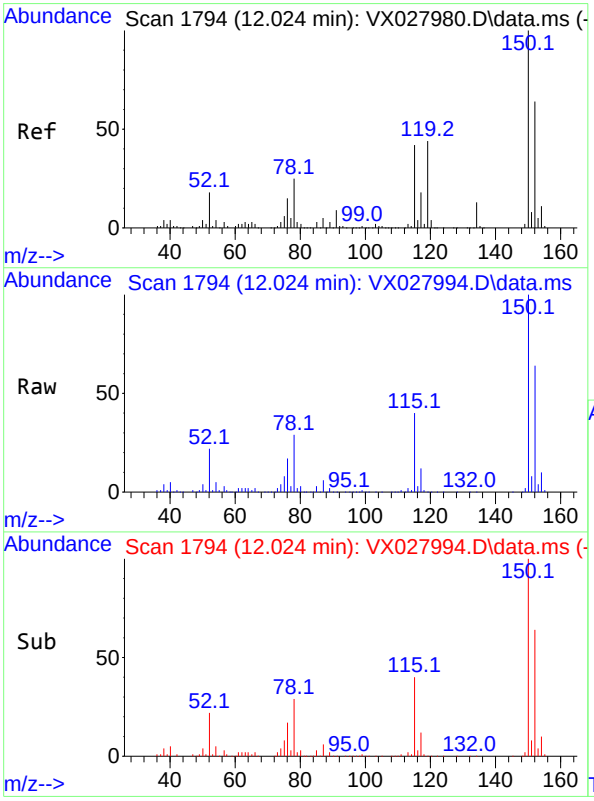
#68
m/p-Xylenes
Concen: 0.307 ug/l
RT: 10.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX027994.D
Acq: 06 Apr 2022 13:41

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:106 Resp: 722

Ion	Ratio	Lower	Upper
106	100		
91	237.5	160.4	240.6

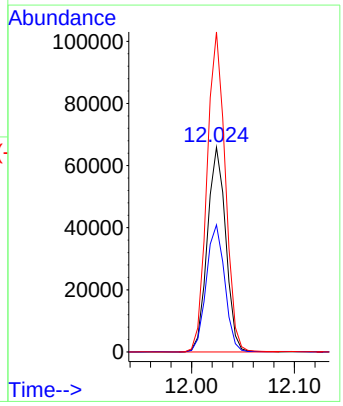


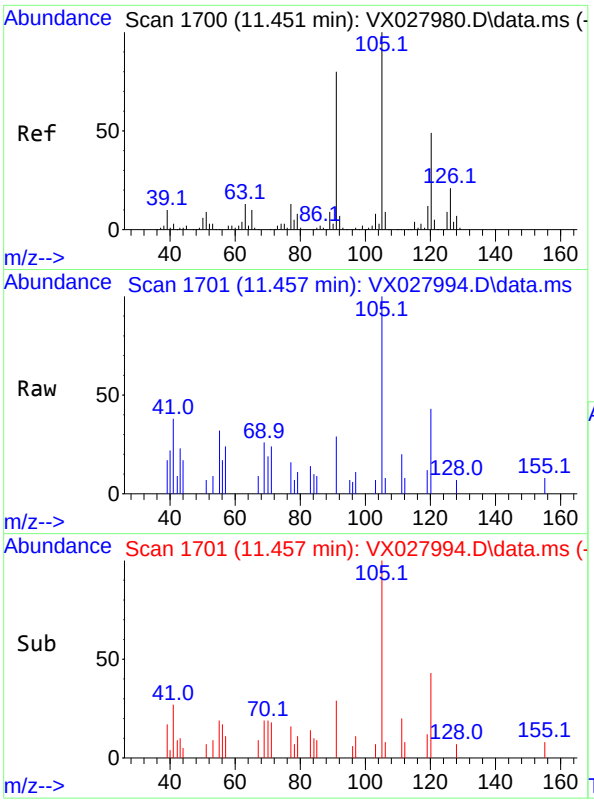


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027994.D
Acq: 06 Apr 2022 13:41

Tgt Ion:152 Resp: 82119

Ion	Ratio	Lower	Upper
152	100		
115	62.6	37.5	112.7
150	155.8	0.0	338.2



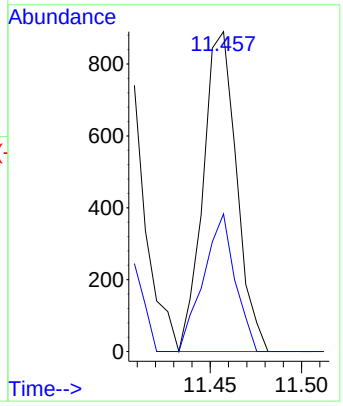


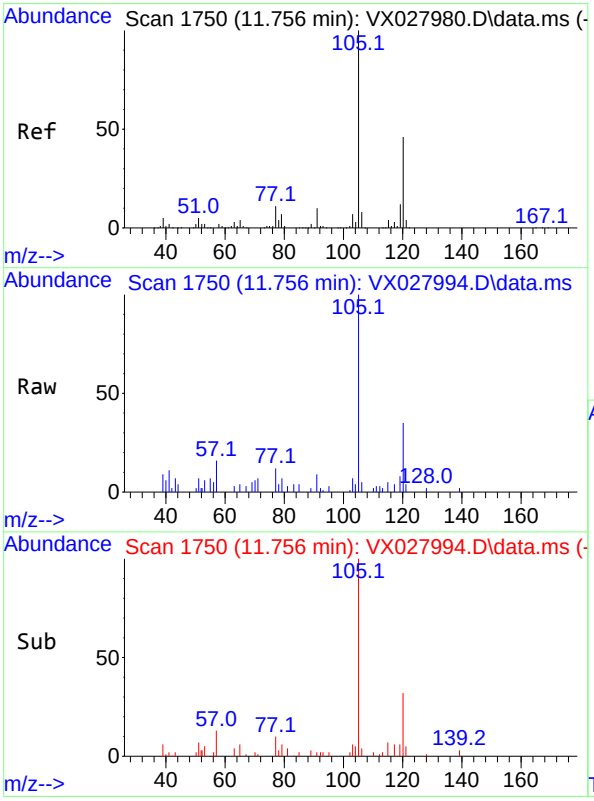
#80
1,3,5-Trimethylbenzene
Concen: 0.230 ug/l
RT: 11.457 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX027994.D
Acq: 06 Apr 2022 13:41

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:105 Resp: 1134

Ion	Ratio	Lower	Upper
105	100		
120	40.7	24.3	72.9





#84
1,2,4-Trimethylbenzene
Concen: 0.908 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX027994.D
Acq: 06 Apr 2022 13:41

Tgt Ion:105 Resp: 4532

Ion	Ratio	Lower	Upper
105	100		
120	37.2	22.6	67.8