Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121421\
Data File : VX025783.D
Acq On : 14 Dec 2021 17:43
Operator : JC/MD
Sample : M4988-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB01-20211207

Quant Time: Dec 15 07:07:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 14 07:02:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	136373	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	237861	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	91408	46.585	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 93.180%			
35) Dibromofluoromethane	5.391	113	76230	45.953	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.900%			
50) Toluene-d8	8.653	98	278476	46.074	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 92.140%			
62) 4-Bromofluorobenzene	11.085	95	104093	45.338	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.680%			
Target Compounds						Qvalue
44) Trichloroethene	7.135	130	959	0.513	ug/l	92
68) m/p-Xylenes	10.305	106	2325	0.793	ug/l	91
69) o-Xylene	10.646	106	1583	0.549	ug/l	98

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

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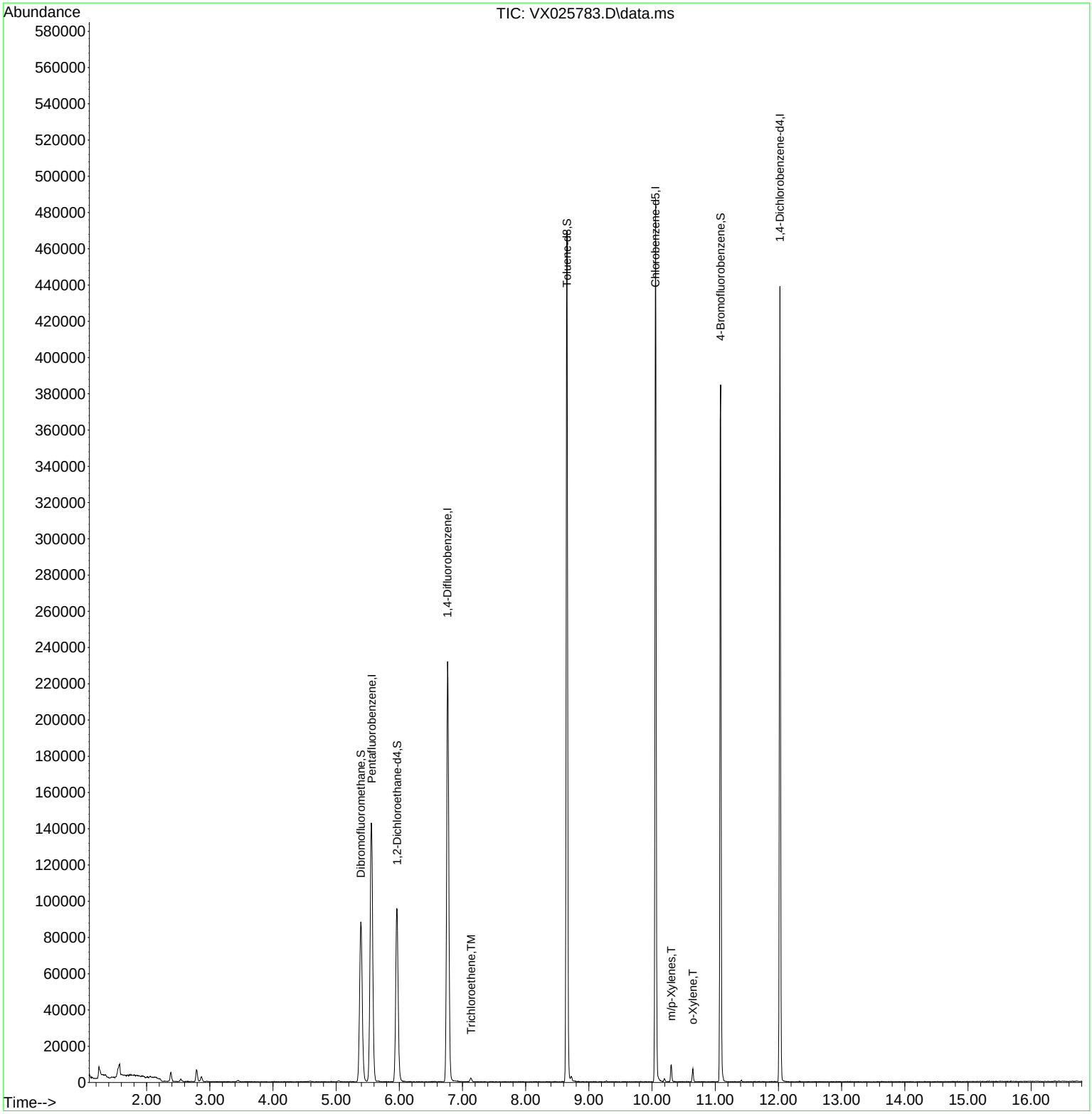
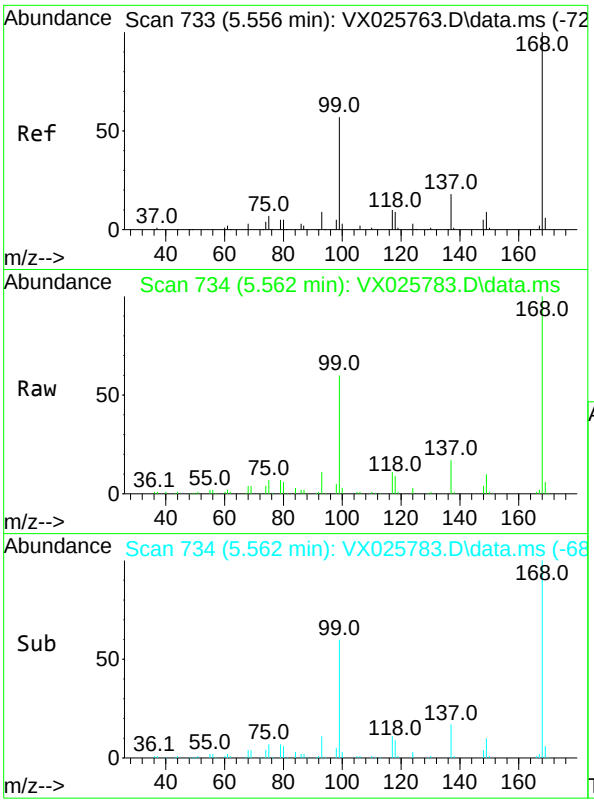


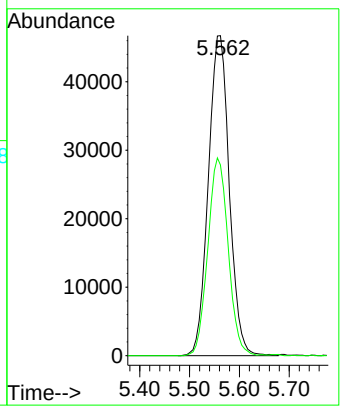


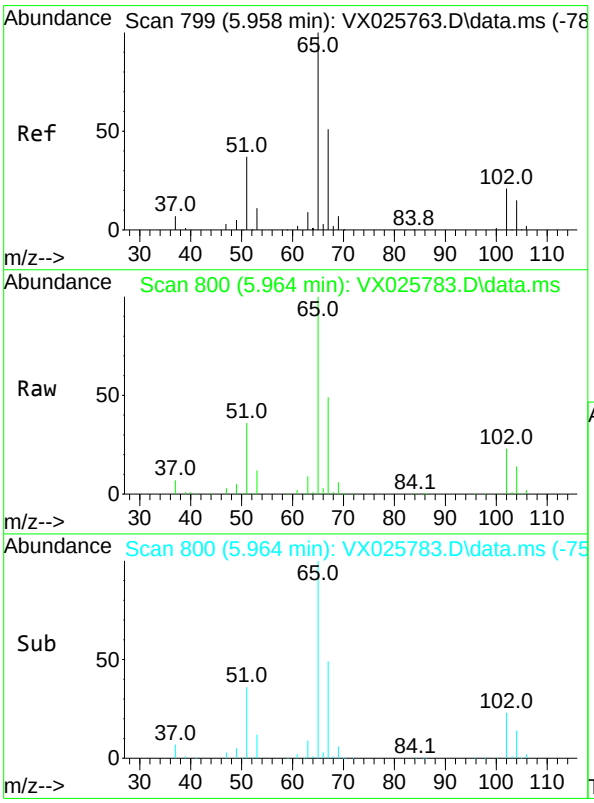
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX025783.D
Acq: 14 Dec 2021 17:43

Instrument :
MSVOA_X
ClientSampleId :
FB01-20211207

Tgt Ion:168 Resp: 136373

Ion	Ratio	Lower	Upper
168	100		
99	59.6	45.8	68.8

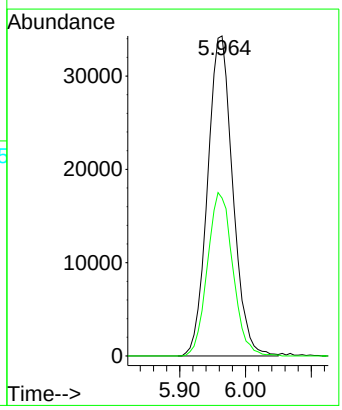


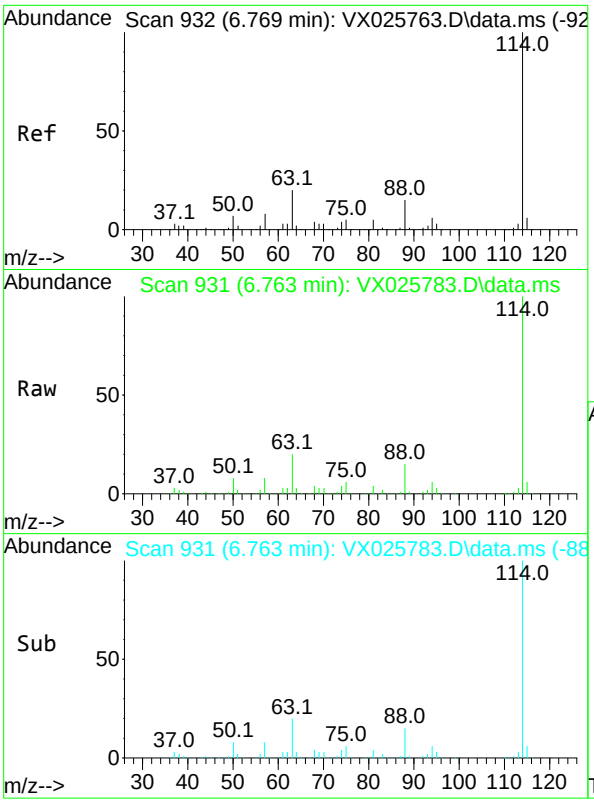


#33
1,2-Dichloroethane-d4
Concen: 46.585 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX025783.D
Acq: 14 Dec 2021 17:43

Tgt Ion: 65 Resp: 91408

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	103.4



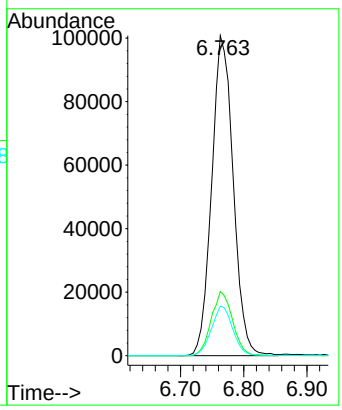


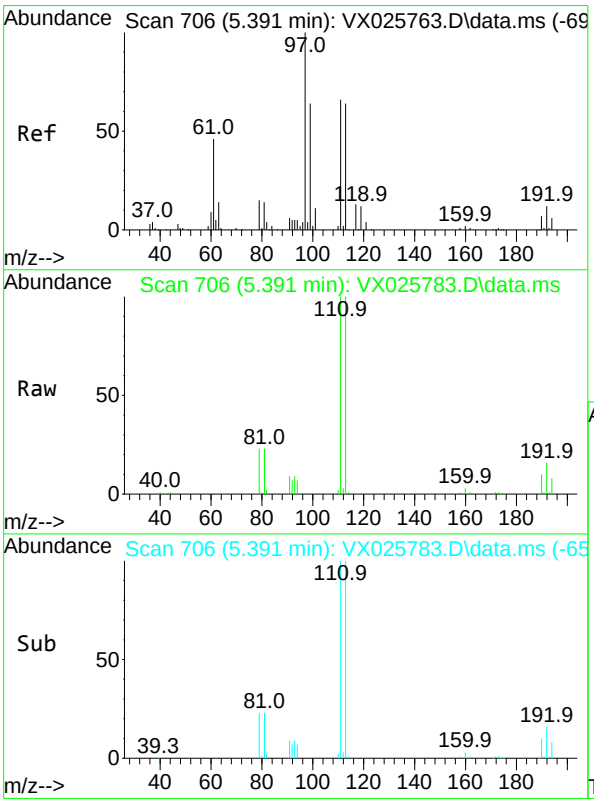
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX025783.D
Acq: 14 Dec 2021 17:43

Instrument :
MSVOA_X
ClientSampleId :
FB01-20211207

Tgt Ion:114 Resp: 237861

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.0
88	15.5	0.0	30.6

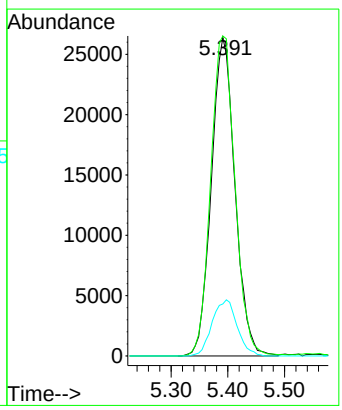


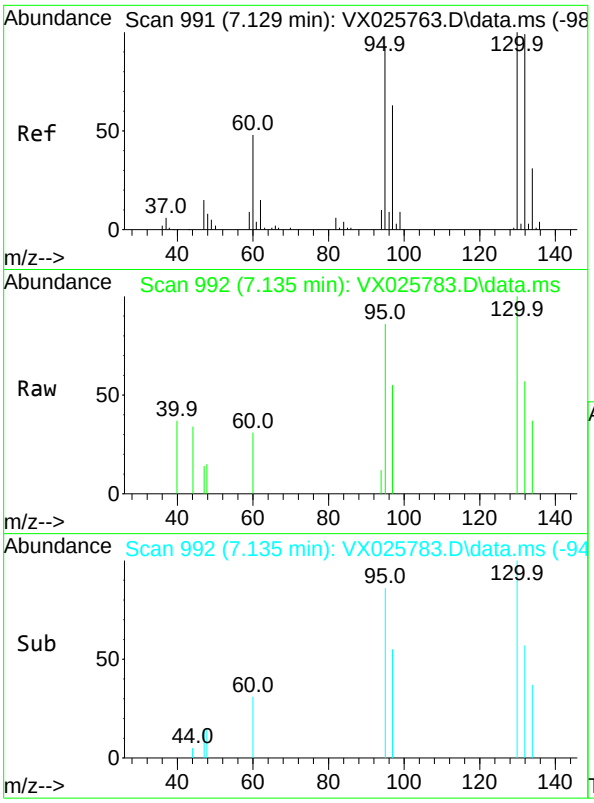


#35
Dibromofluoromethane
Concen: 45.953 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX025783.D
Acq: 14 Dec 2021 17:43

Tgt Ion:113 Resp: 76230

Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.8	122.8
192	18.6	15.0	22.4



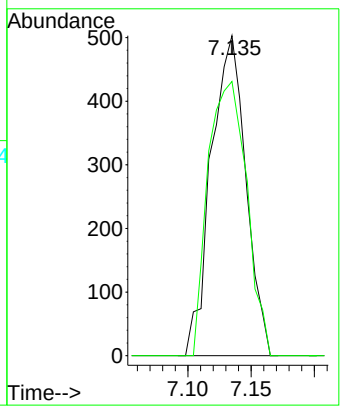


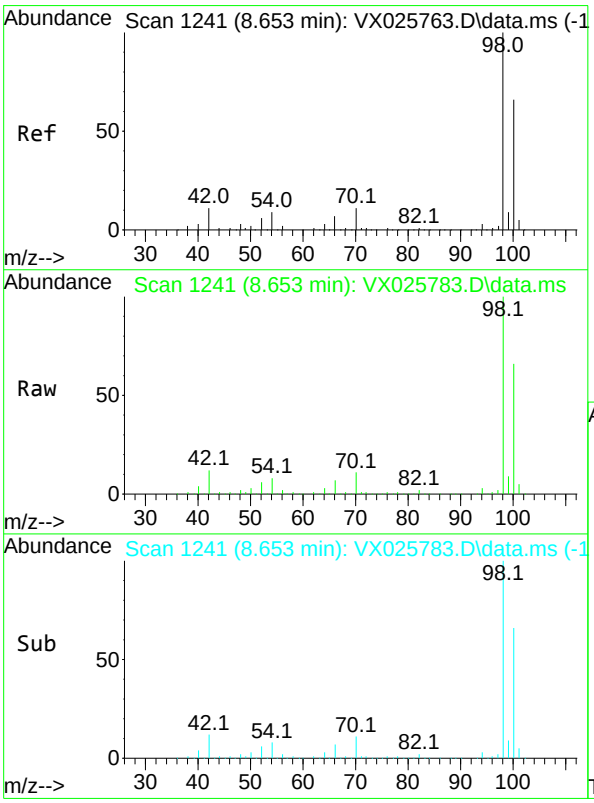
#44
Trichloroethene
Concen: 0.513 ug/l
RT: 7.135 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX025783.D
Acq: 14 Dec 2021 17:43

Instrument :
MSVOA_X
ClientSampleId :
FB01-20211207

Tgt Ion:130 Resp: 959

Ion	Ratio	Lower	Upper
130	100		
95	85.7	0.0	186.4

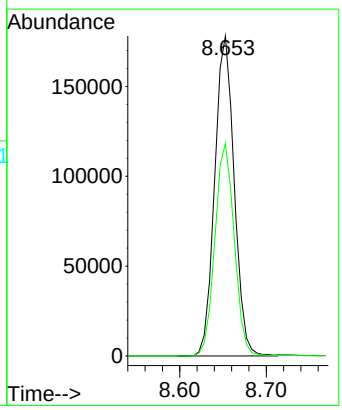


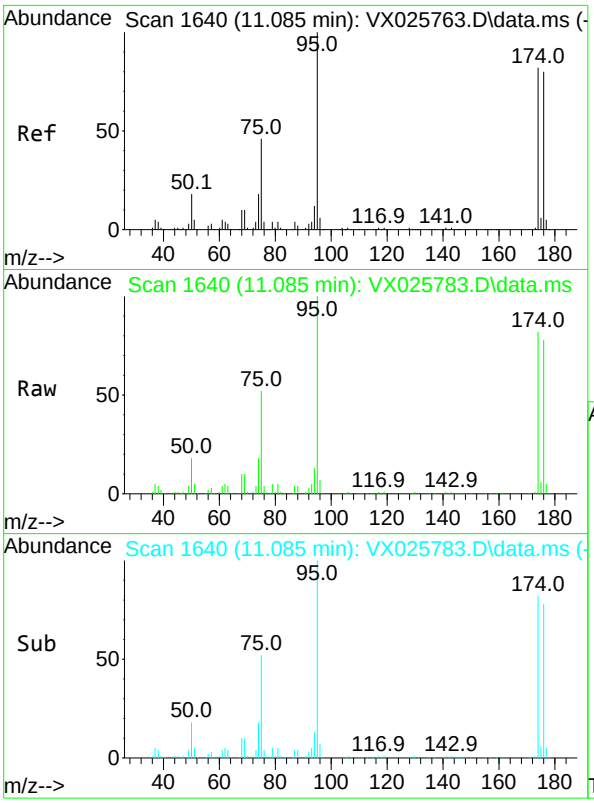


#50
Toluene-d8
Concen: 46.074 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025783.D
Acq: 14 Dec 2021 17:43

Tgt Ion: 98 Resp: 278476

Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.6	78.8



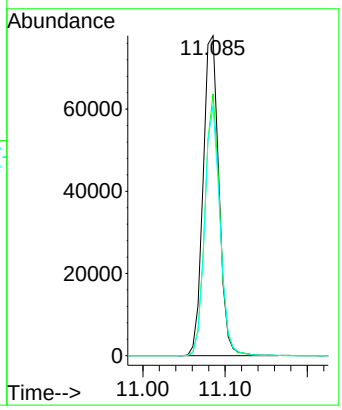


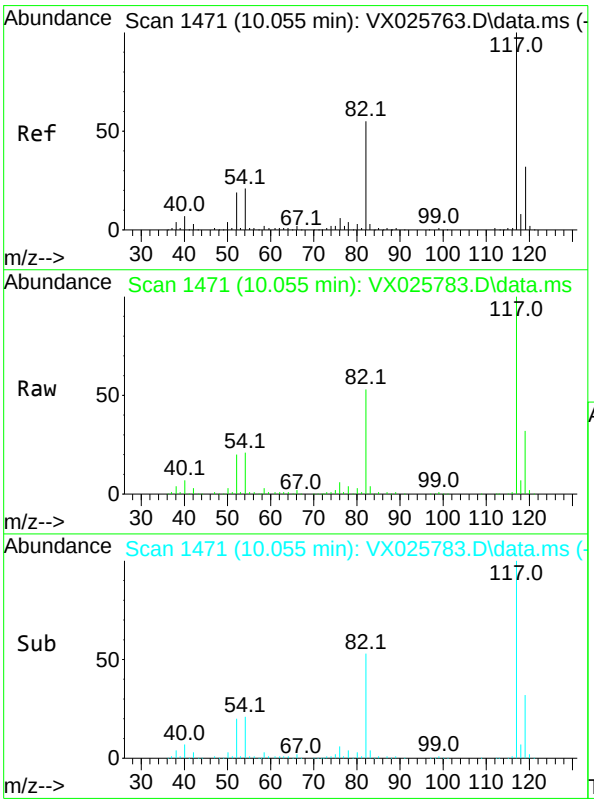
#62
4-Bromofluorobenzene
Concen: 45.338 ug/l
RT: 11.085 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX025783.D
Acq: 14 Dec 2021 17:43

Instrument :
MSVOA_X
ClientSampleId :
FB01-20211207

Tgt Ion: 95 Resp: 104093

Ion	Ratio	Lower	Upper
95	100		
174	77.7	0.0	157.4
176	75.6	0.0	154.6

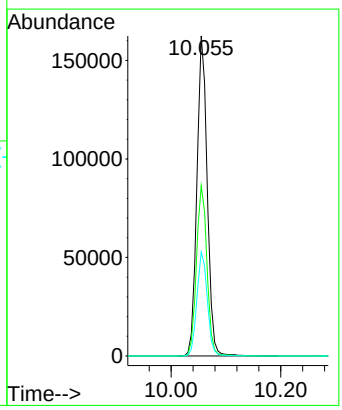


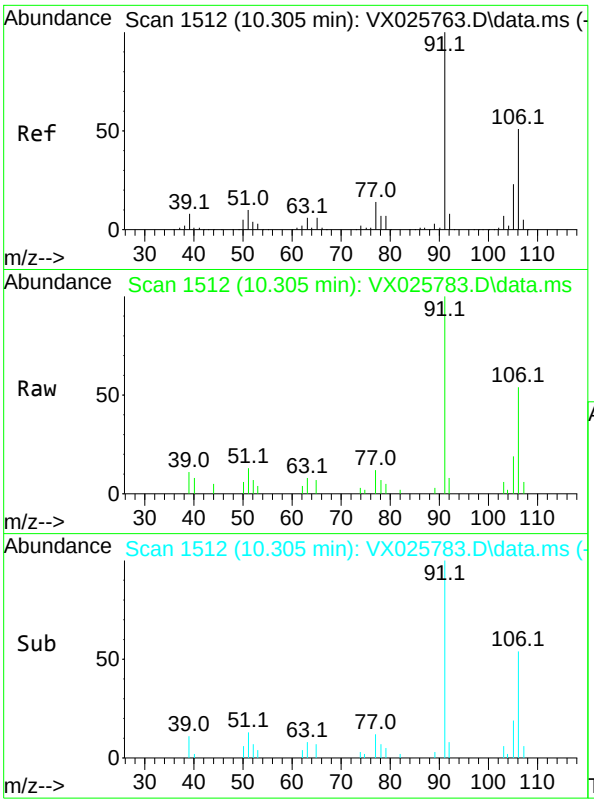


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025783.D
Acq: 14 Dec 2021 17:43

Tgt Ion:117 Resp: 213832

Ion	Ratio	Lower	Upper
117	100		
82	53.2	43.8	65.6
119	32.5	25.2	37.8



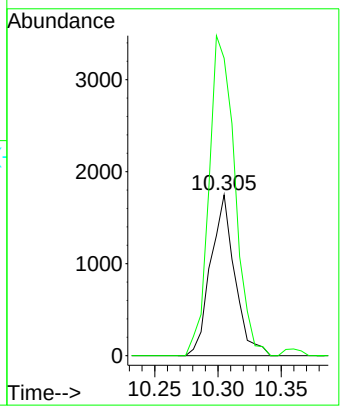


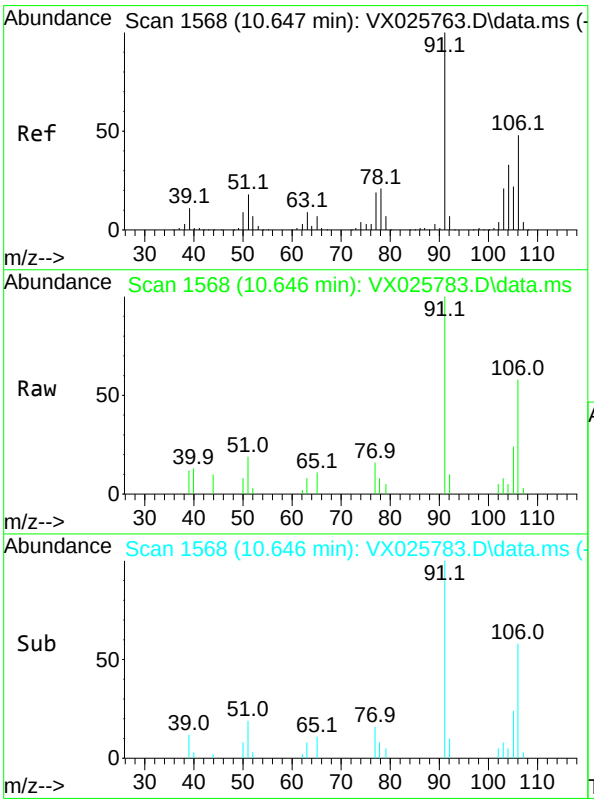
#68
m/p-Xylenes
Concen: 0.793 ug/l
RT: 10.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX025783.D
Acq: 14 Dec 2021 17:43

Instrument :
MSVOA_X
ClientSampleId :
FB01-20211207

Tgt Ion:106 Resp: 2325

Ion	Ratio	Lower	Upper
106	100		
91	211.8	158.6	238.0

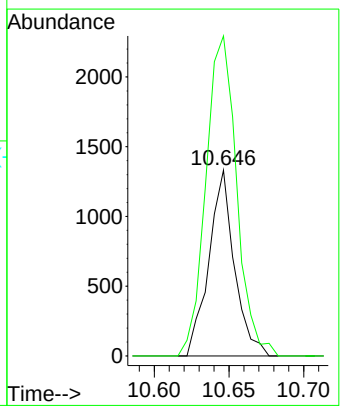


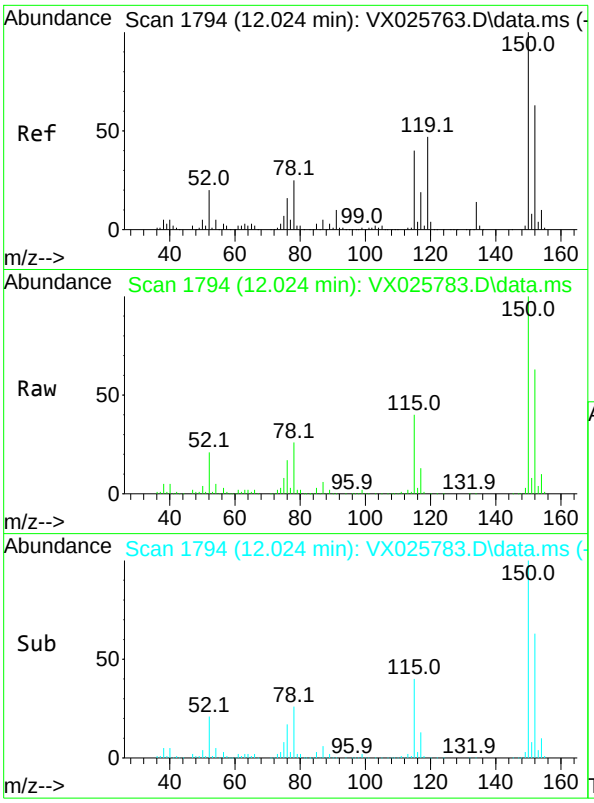


#69
o-Xylene
Concen: 0.549 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX025783.D
Acq: 14 Dec 2021 17:43

Tgt Ion:106 Resp: 1583

Ion	Ratio	Lower	Upper
106	100		
91	207.1	105.5	316.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX025783.D
Acq: 14 Dec 2021 17:43

Instrument :
MSVOA_X
ClientSampleId :
FB01-20211207

Tgt Ion:152 Resp: 88224

Ion	Ratio	Lower	Upper
152	100		
115	61.4	41.3	123.9
150	157.7	0.0	351.8