Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121421\
Data File : VX025801.D
Acq On : 15 Dec 2021 01:31
Operator : JC/MD
Sample : M4988-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB02-20211207

Quant Time: Dec 15 07:14:50 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	5.556	168	148587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	258136	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	100455	46.988	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 93.980%			
35) Dibromofluoromethane	5.391	113	82839	46.015	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.020%			
50) Toluene-d8	8.653	98	304448	46.415	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 92.820%			
62) 4-Bromofluorobenzene	11.085	95	115665	46.421	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.840%			
Target Compounds						Qvalue
44) Trichloroethene	7.129	130	887	0.437	ug/l	93
68) m/p-Xylenes	10.299	106	2560	0.797	ug/l	98
69) o-Xylene	10.646	106	1662	0.526	ug/l	98

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

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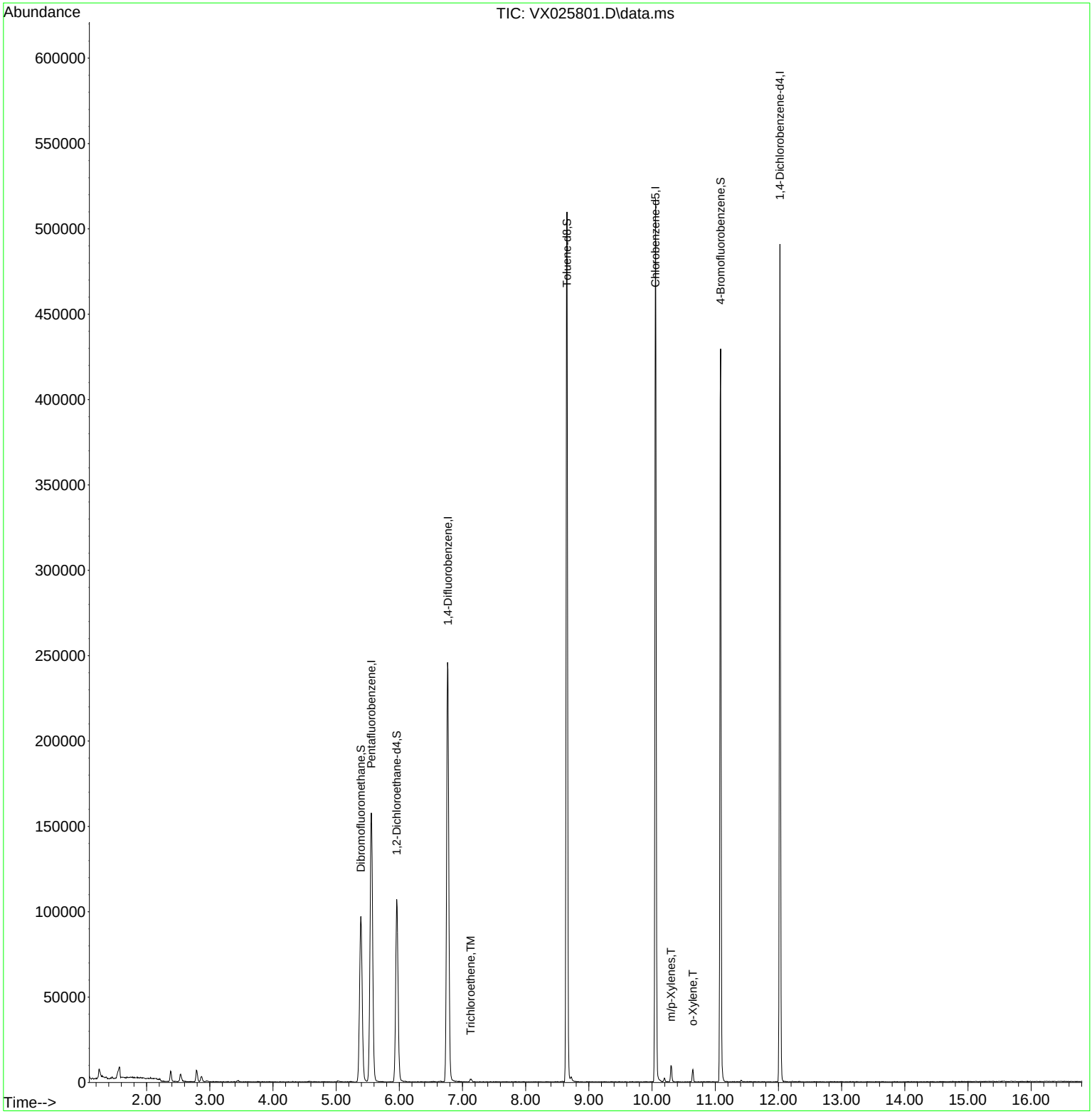
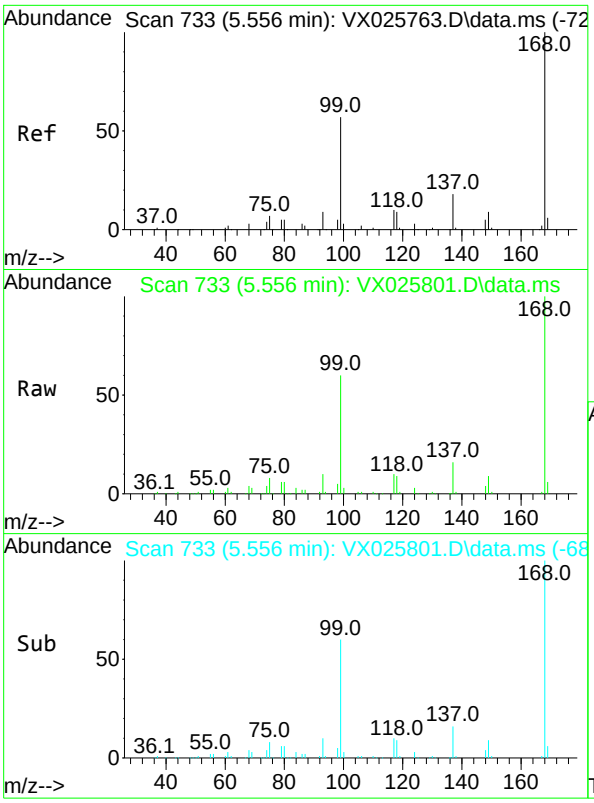


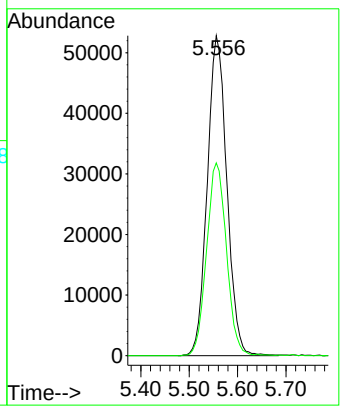


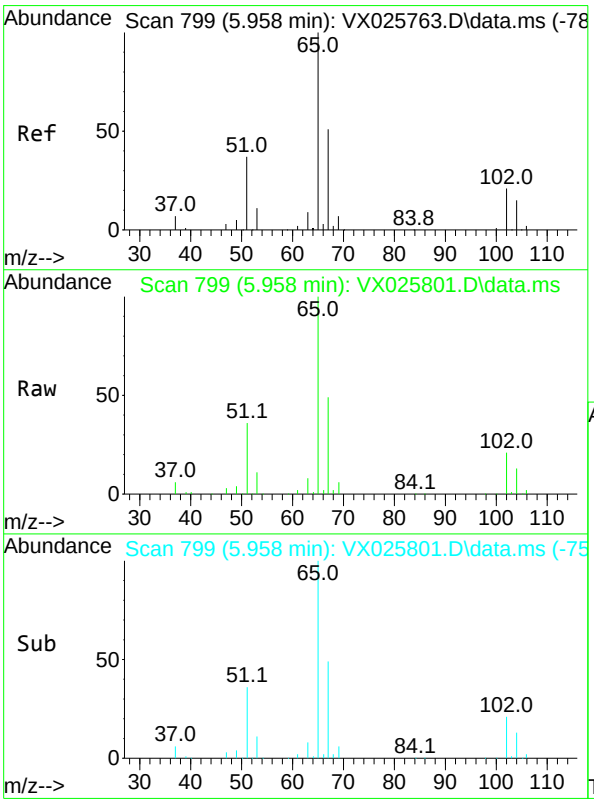
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX025801.D
Acq: 15 Dec 2021 01:31

Instrument :
MSVOA_X
ClientSampleId :
FB02-20211207

Tgt Ion:168 Resp: 148587

Ion	Ratio	Lower	Upper
168	100		
99	60.3	45.8	68.8

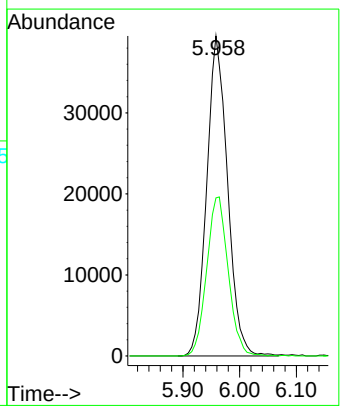


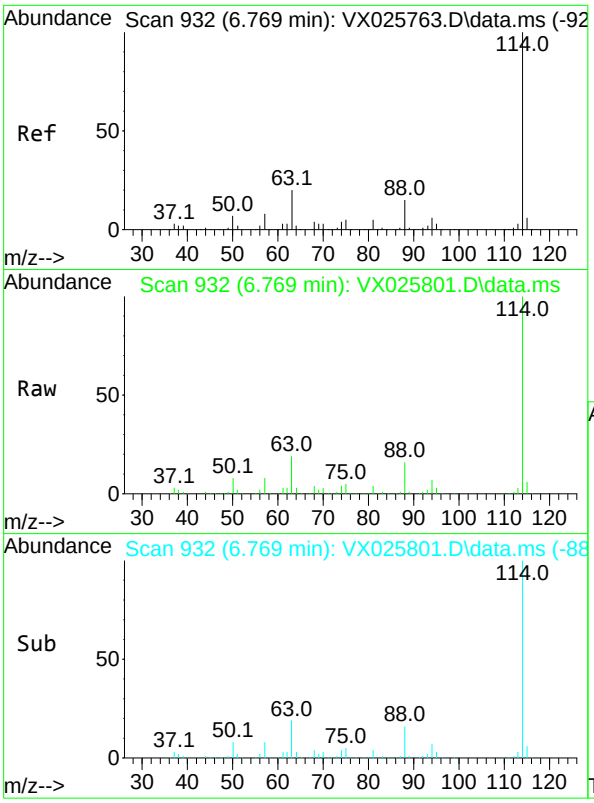


#33
1,2-Dichloroethane-d4
Concen: 46.988 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX025801.D
Acq: 15 Dec 2021 01:31

Tgt Ion: 65 Resp: 100455

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	103.4



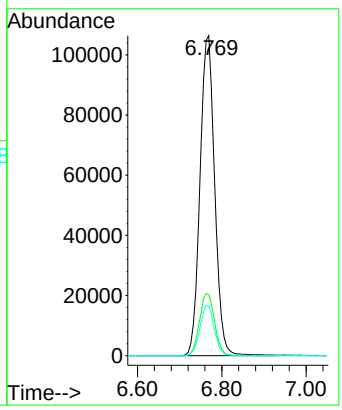


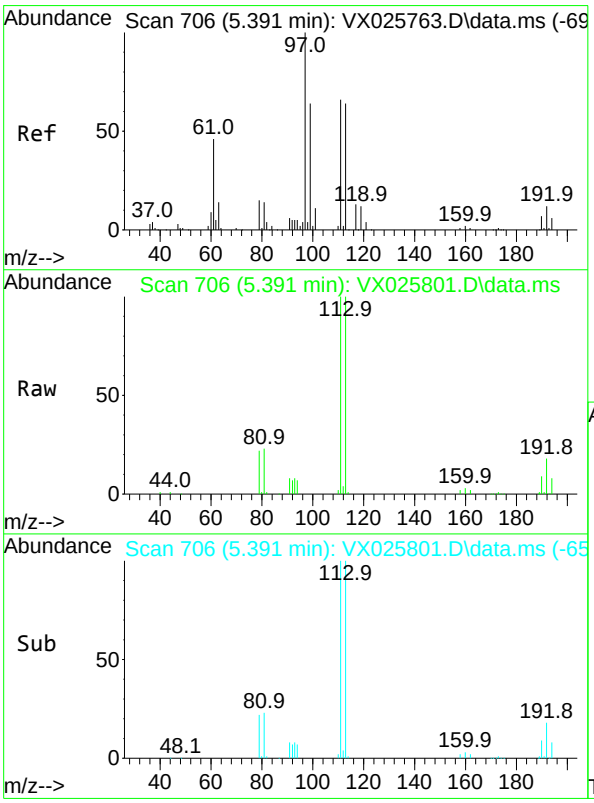
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX025801.D
Acq: 15 Dec 2021 01:31

Instrument :
MSVOA_X
ClientSampleId :
FB02-20211207

Tgt Ion:114 Resp: 258136

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	40.0
88	15.5	0.0	30.6

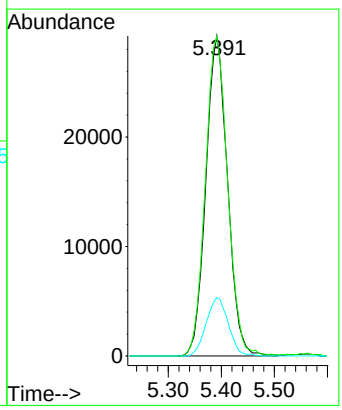


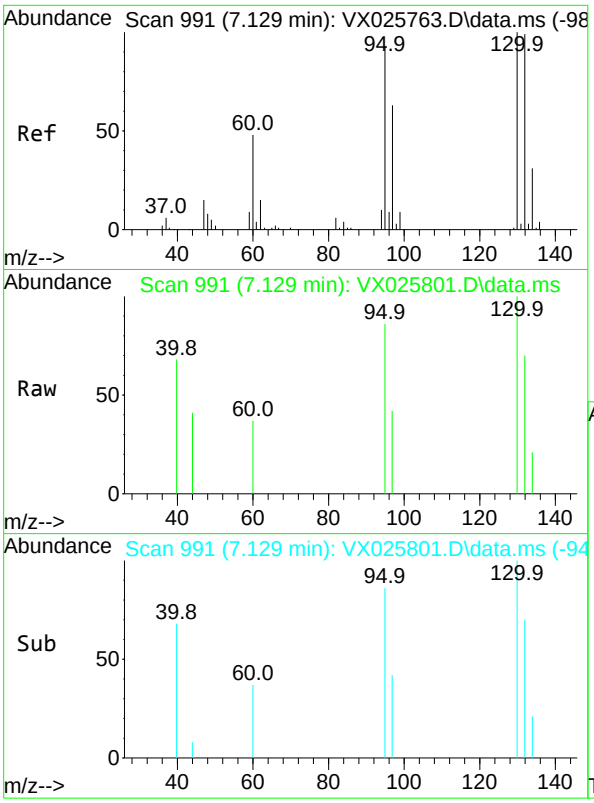


#35
Dibromofluoromethane
Concen: 46.015 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX025801.D
Acq: 15 Dec 2021 01:31

Tgt Ion:113 Resp: 82839

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.8	122.8
192	18.6	15.0	22.4



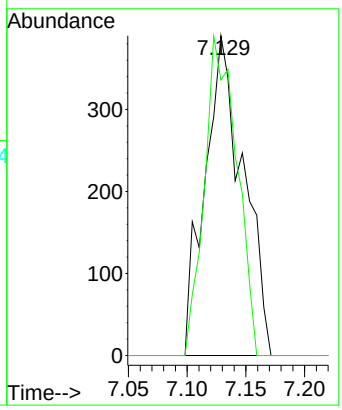


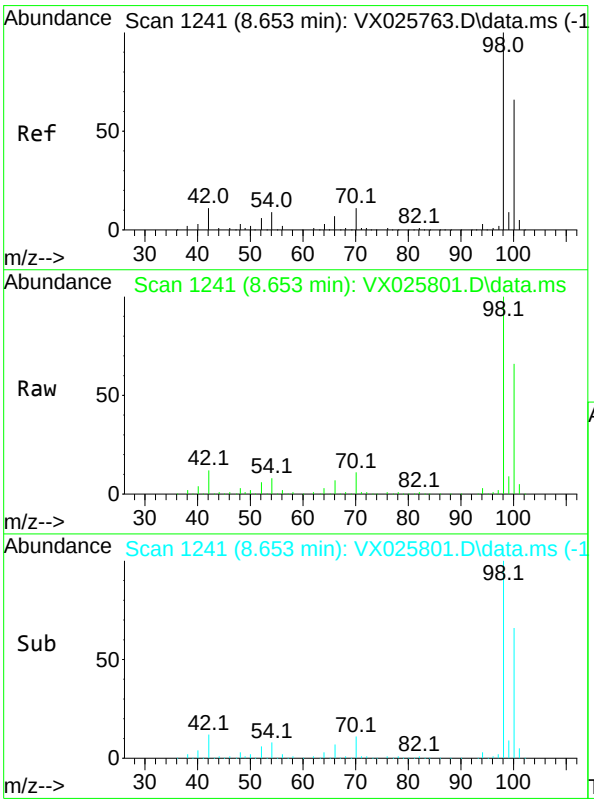
#44
Trichloroethene
Concen: 0.437 ug/l
RT: 7.129 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX025801.D
Acq: 15 Dec 2021 01:31

Instrument :
MSVOA_X
ClientSampleId :
FB02-20211207

Tgt Ion:130 Resp: 887

Ion	Ratio	Lower	Upper
130	100		
95	86.2	0.0	186.4

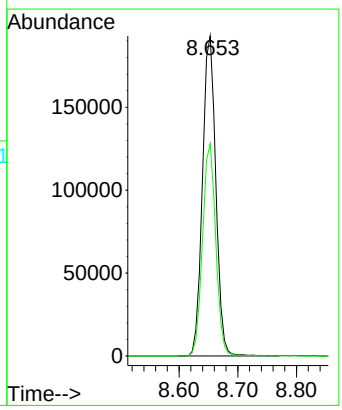


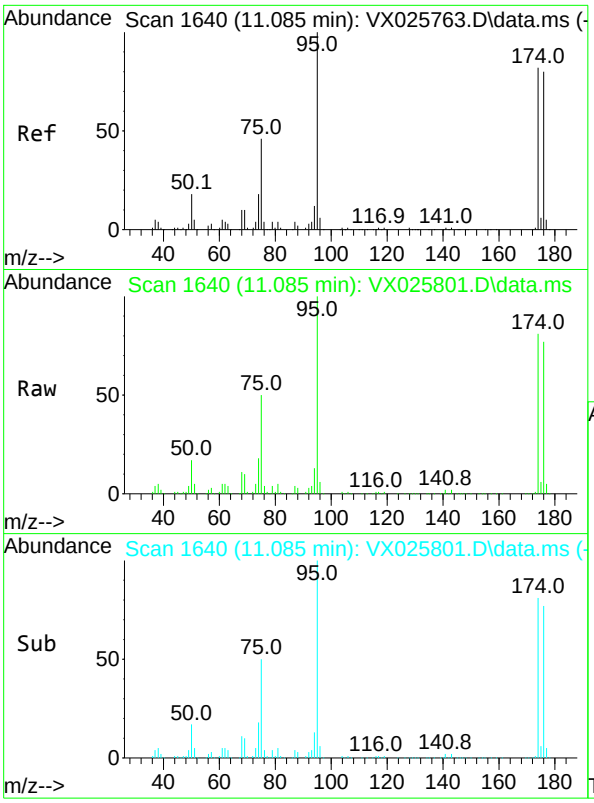


#50
Toluene-d8
Concen: 46.415 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025801.D
Acq: 15 Dec 2021 01:31

Tgt Ion: 98 Resp: 304448

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.6	78.8



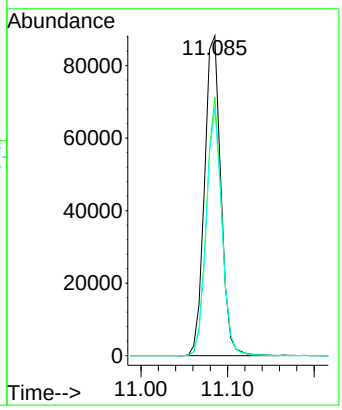


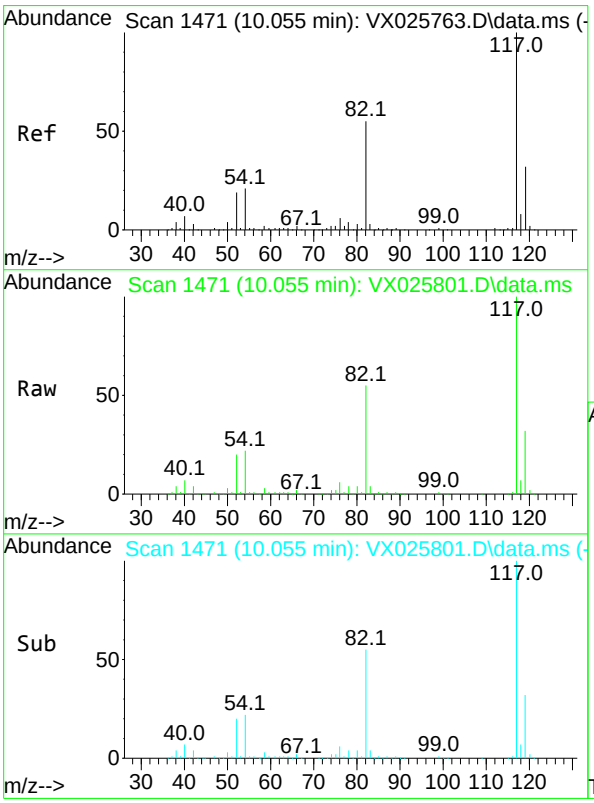
#62
4-Bromofluorobenzene
Concen: 46.421 ug/l
RT: 11.085 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX025801.D
Acq: 15 Dec 2021 01:31

Instrument :
MSVOA_X
ClientSampleId :
FB02-20211207

Tgt Ion: 95 Resp: 115665

Ion	Ratio	Lower	Upper
95	100		
174	76.1	0.0	157.4
176	74.0	0.0	154.6

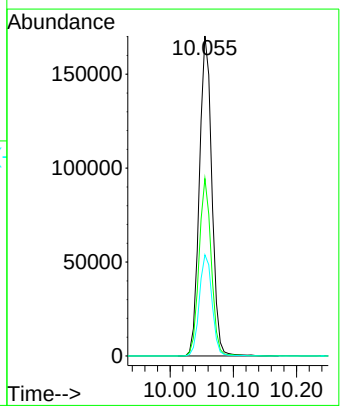


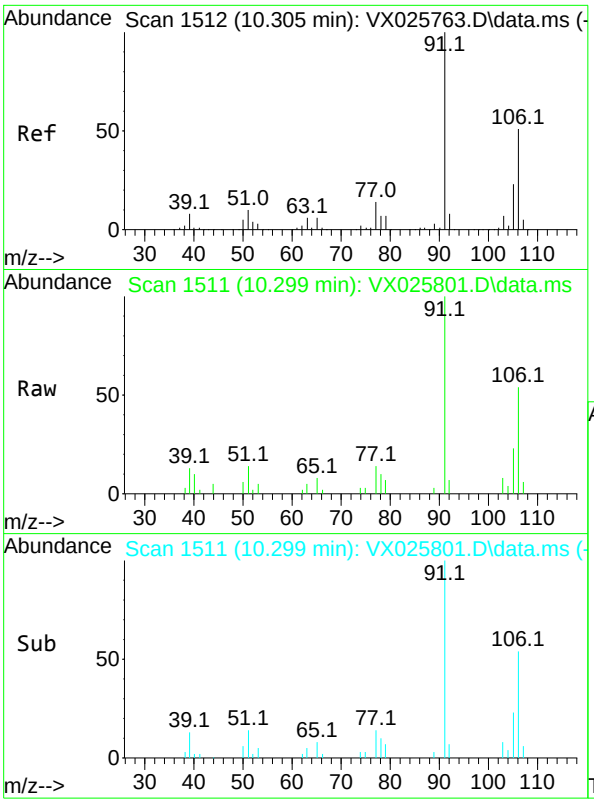


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025801.D
Acq: 15 Dec 2021 01:31

Tgt Ion:117 Resp: 234218

Ion	Ratio	Lower	Upper
117	100		
82	55.5	43.8	65.6
119	31.6	25.2	37.8



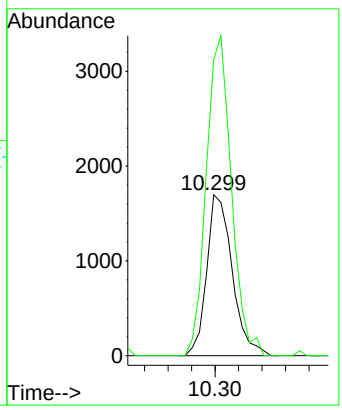


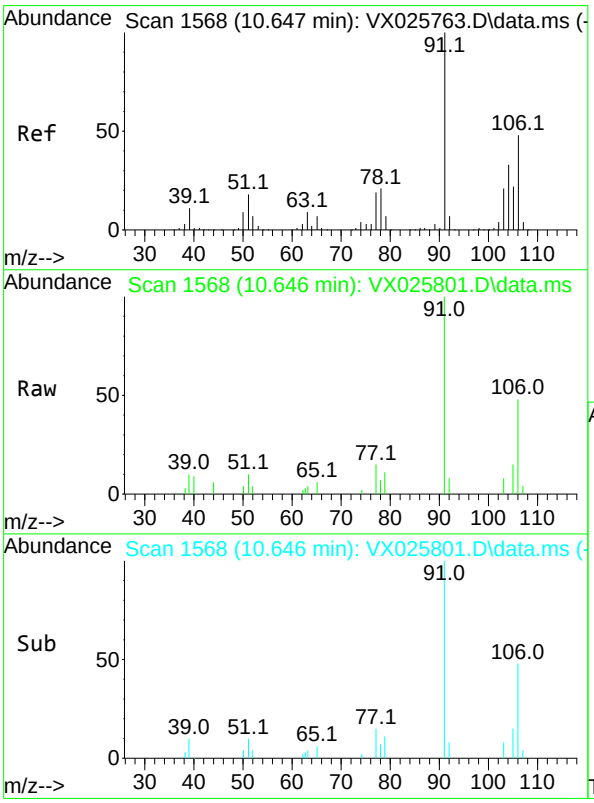
#68
m/p-Xylenes
Concen: 0.797 ug/l
RT: 10.299 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX025801.D
Acq: 15 Dec 2021 01:31

Instrument :
MSVOA_X
ClientSampleId :
FB02-20211207

Tgt Ion:106 Resp: 2560

Ion	Ratio	Lower	Upper
106	100		
91	196.0	158.6	238.0

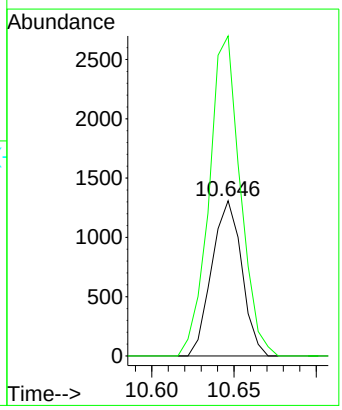


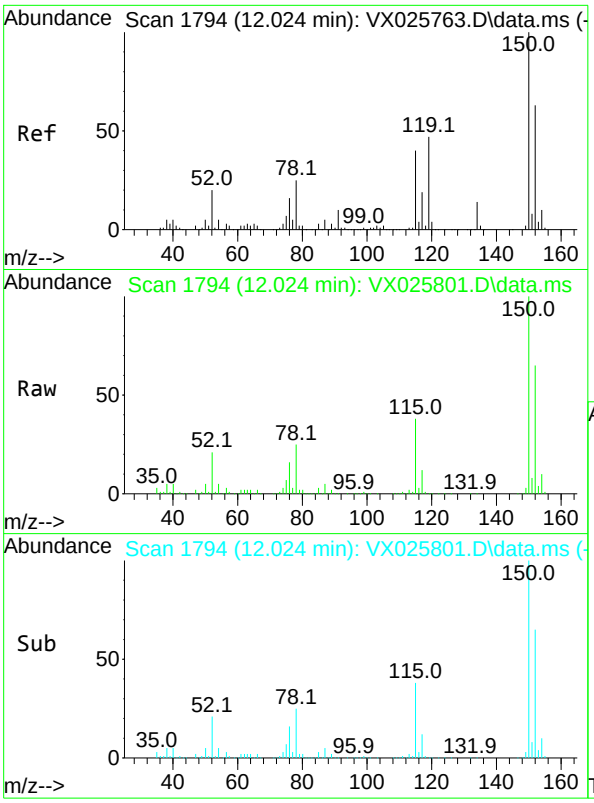


#69
o-Xylene
Concen: 0.526 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX025801.D
Acq: 15 Dec 2021 01:31

Tgt Ion:106 Resp: 1662

Ion	Ratio	Lower	Upper
106	100		
91	214.5	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: VX025801.D
Acq: 15 Dec 2021 01:31

Instrument :
MSVOA_X
ClientSampleId :
FB02-20211207

Tgt Ion:152 Resp: 98913

Ion	Ratio	Lower	Upper
152	100		
115	60.4	41.3	123.9
150	157.6	0.0	351.8