Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122022\
Data File : VX033503.D
Acq On : 20 Dec 2022 13:22
Operator : JC/MD
Sample : N6149-02 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PARAM-1

Quant Time: Dec 21 04:14:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	118810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	187785	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	166661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	35928	47.137	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.280%		
35) Dibromofluoromethane	5.391	113	41442	49.066	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.140%		
50) Toluene-d8	8.647	98	81520	46.137	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.280%		
62) 4-Bromofluorobenzene	11.079	95	63327	46.874	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.740%		
Target Compounds						Qvalue
16) Acetone	2.392	43	6145	10.895	ug/l	100
52) Toluene	8.720	92	6054	1.950	ug/l	98
67) Ethyl Benzene	10.195	91	15430	2.624	ug/l	97
68) m/p-Xylenes	10.299	106	33340	14.574	ug/l	100
69) o-Xylene	10.646	106	17884	7.909	ug/l	99

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

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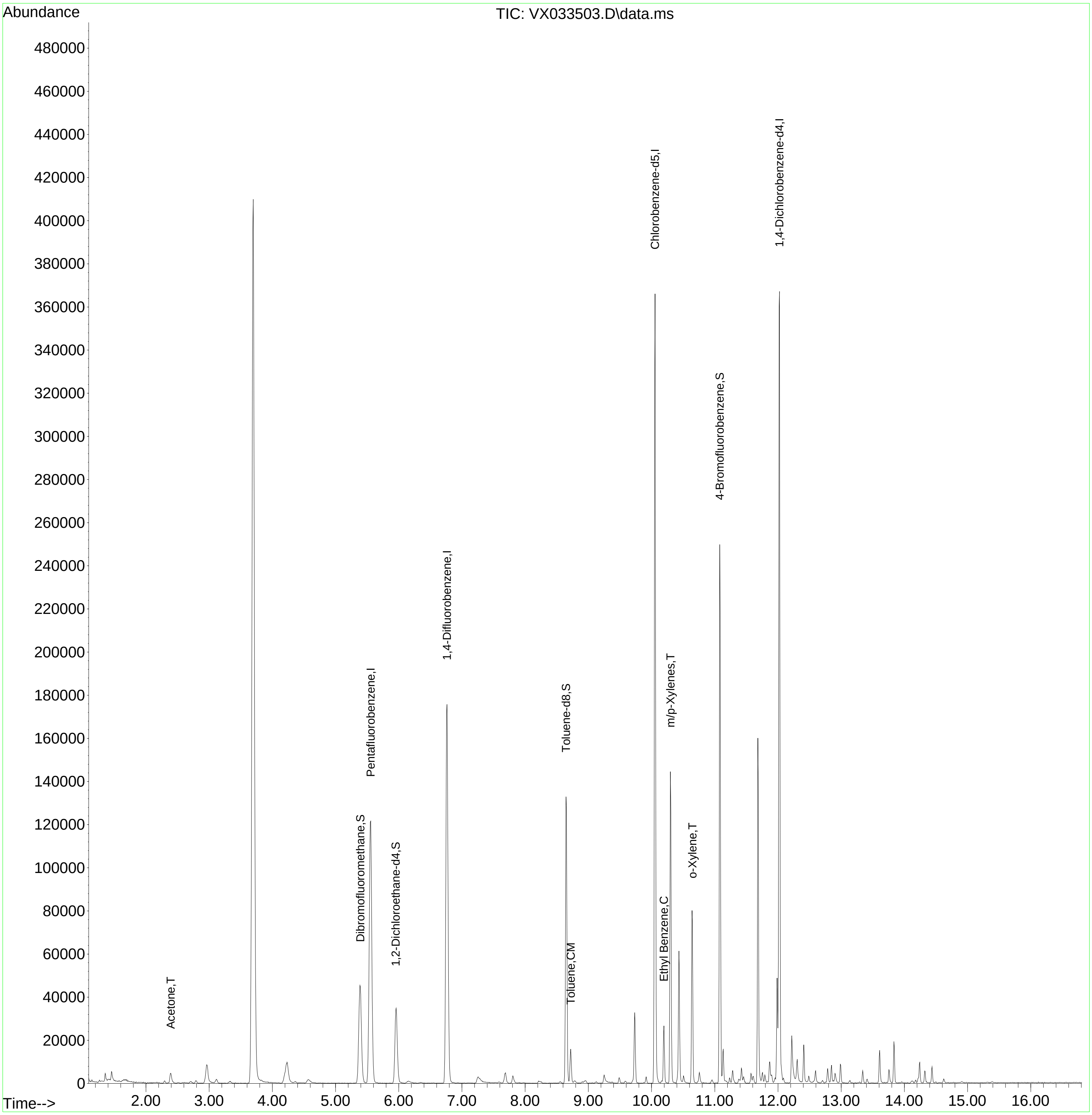
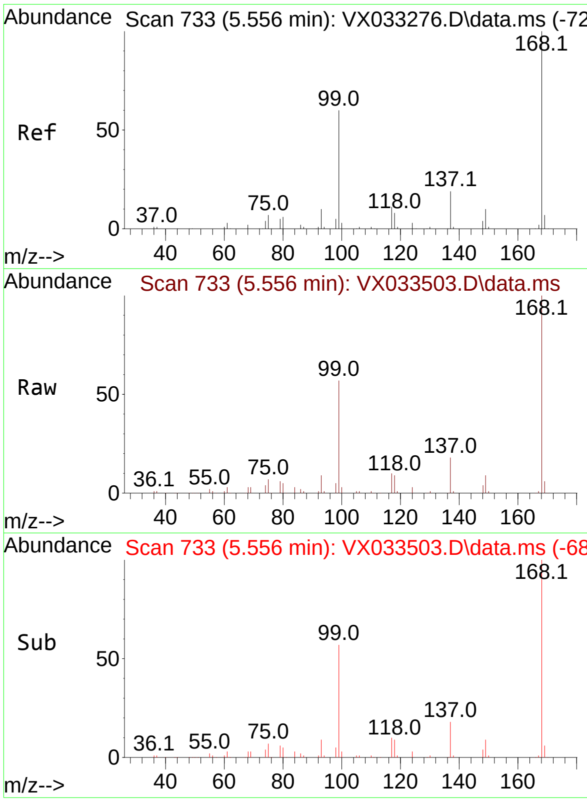




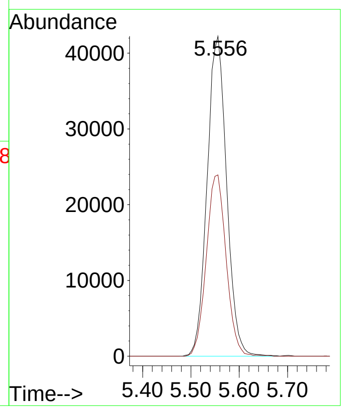
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min   Scan# 7

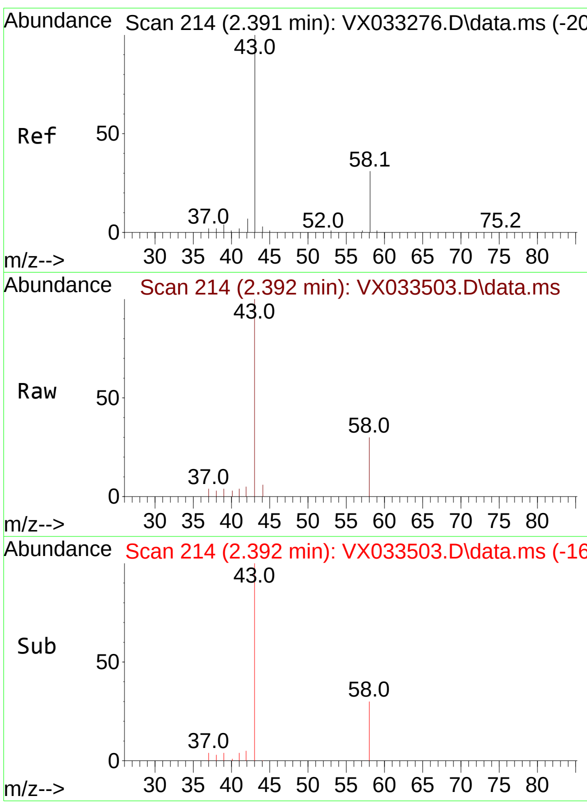
Instrument :
MSVOA_X
ClientSampleId :
PARAM-1

Delta R.T.   -0.000 min
Lab File: VX033503.D
Acq: 20 Dec 2022   13:22

Tgt Ion:168 Resp: 118810

Ion	Ratio	Lower	Upper
168	100		
99	56.7	46.1	69.1

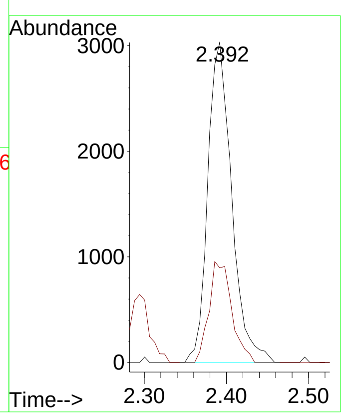


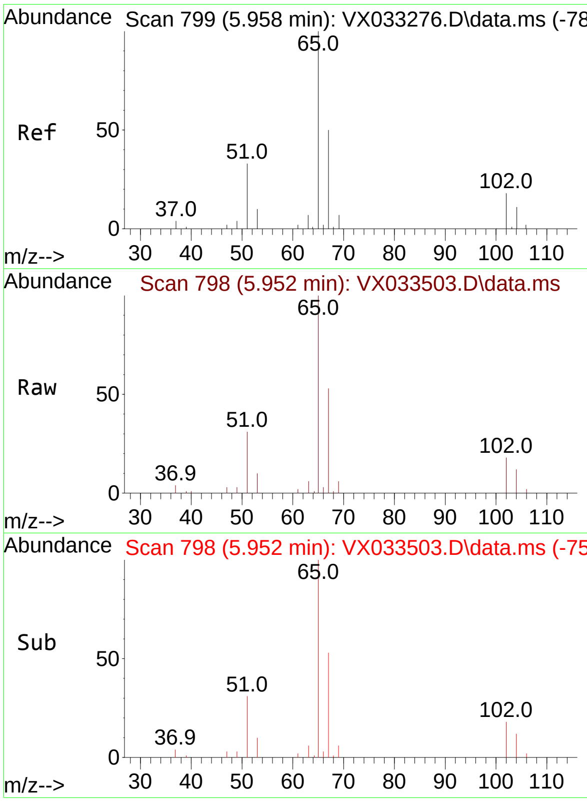


#16
Acetone
Concen: 10.895 ug/l
RT: 2.392 min   Scan# 214
Delta R.T.   0.000 min
Lab File: VX033503.D
Acq: 20 Dec 2022   13:22

Tgt Ion: 43 Resp: 6145

Ion	Ratio	Lower	Upper
43	100		
58	29.6	23.8	35.8



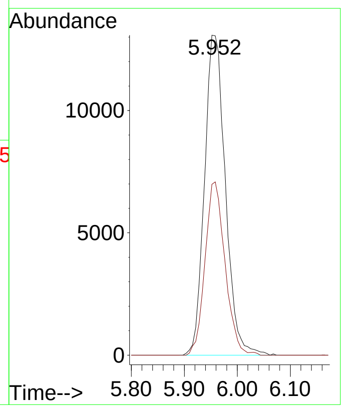


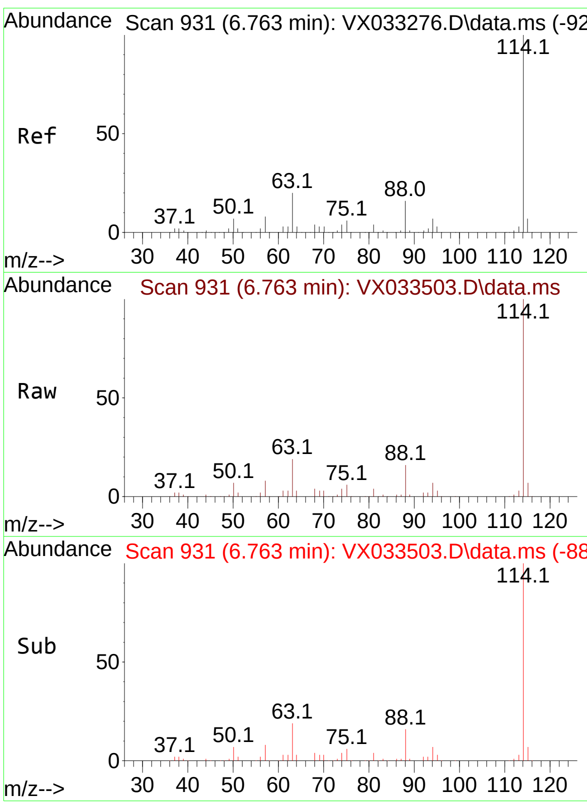
#33
1,2-Dichloroethane-d4
Concen: 47.137 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX033503.D
Acq: 20 Dec 2022 13:22

Instrument :
MSVOA_X
ClientSampleId :
PARAM-1

Tgt Ion: 65 Resp: 35928

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	101.8

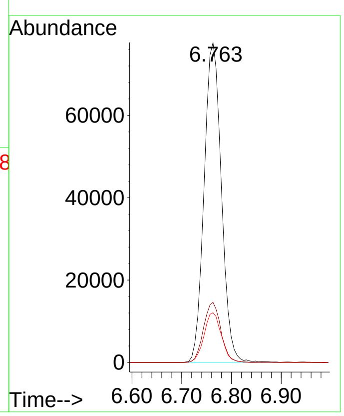


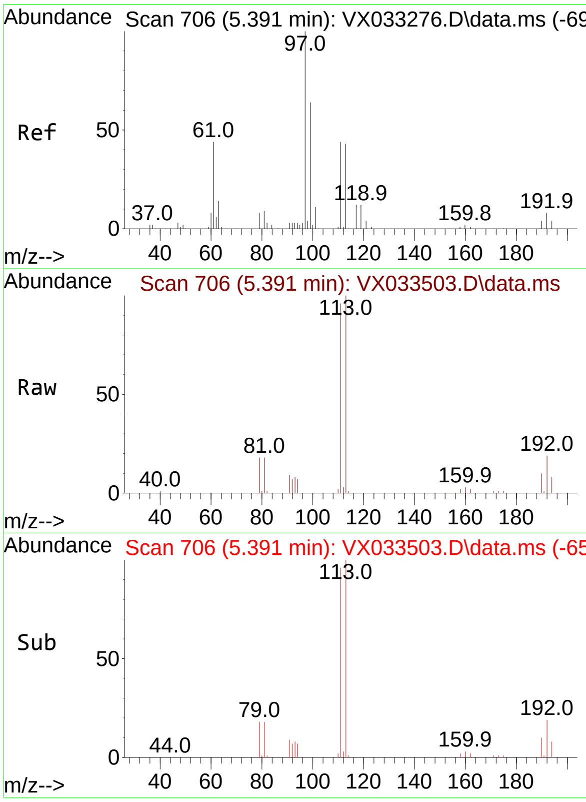


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX033503.D
Acq: 20 Dec 2022 13:22

Tgt Ion:114 Resp: 187785

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	41.6
88	15.5	0.0	33.4



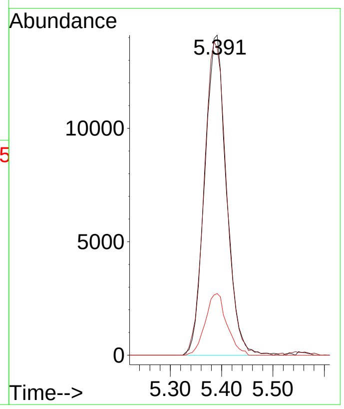


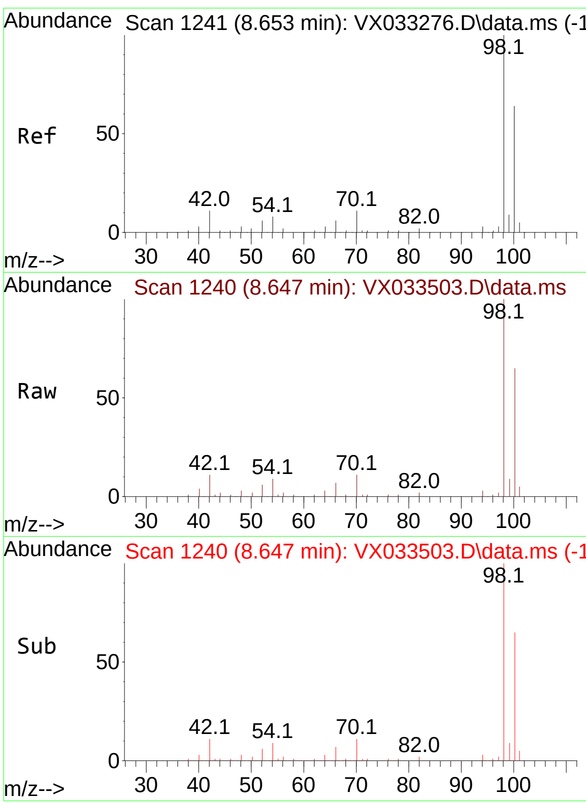
#35
Dibromofluoromethane
Concen: 49.066 ug/l
RT: 5.391 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX033503.D
Acq: 20 Dec 2022 13:22

Instrument :
MSVOA_X
ClientSampleId :
PARAM-1

Tgt Ion:113 Resp: 41442

Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.4	123.6
192	19.1	15.4	23.2

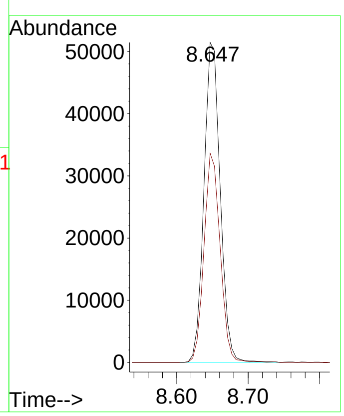


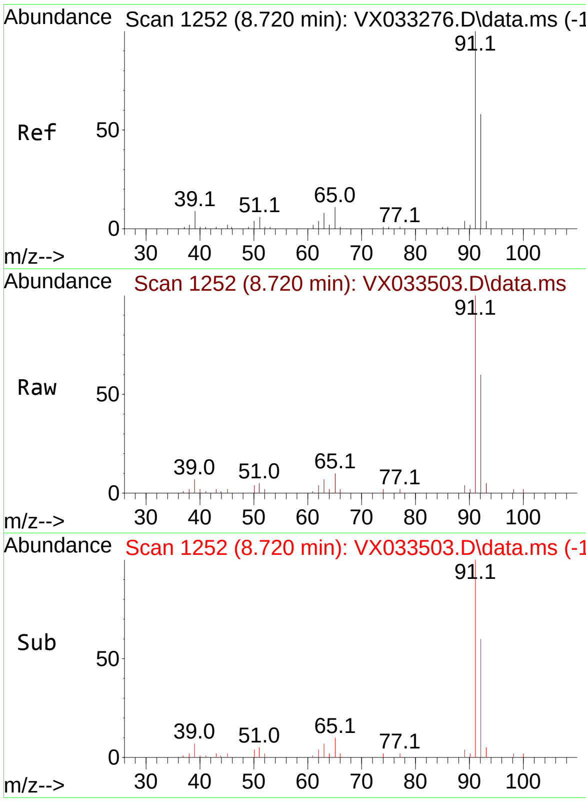


#50
Toluene-d8
Concen: 46.137 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033503.D
Acq: 20 Dec 2022 13:22

Tgt Ion: 98 Resp: 81520

Ion	Ratio	Lower	Upper
98	100		
100	64.9	50.9	76.3



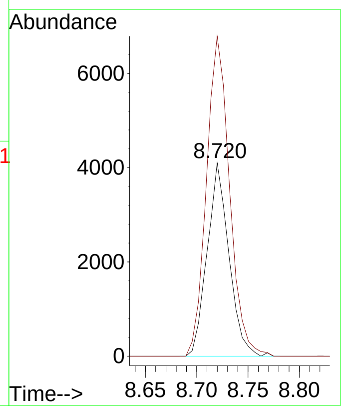


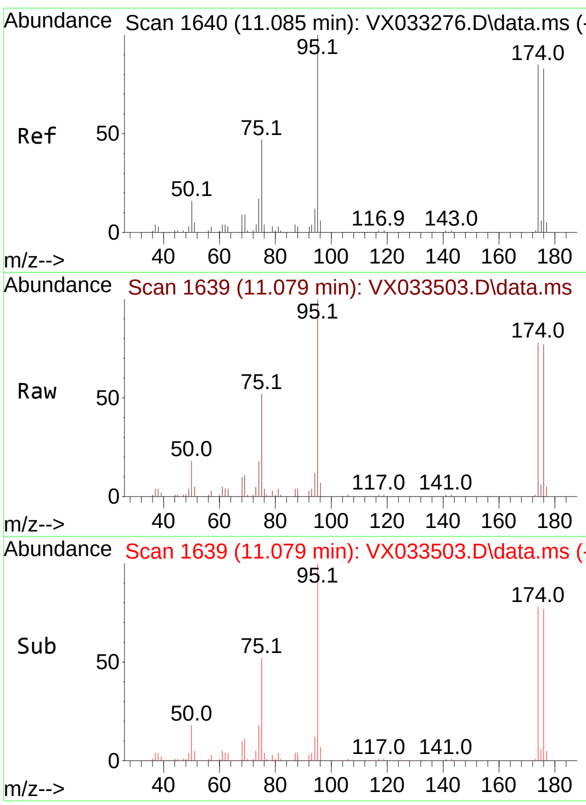
#52
Toluene
Concen: 1.950 ug/l
RT: 8.720 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033503.D
Acq: 20 Dec 2022 13:22

Instrument :
MSVOA_X
ClientSampleId :
PARAM-1

Tgt Ion: 92 Resp: 6054

Ion	Ratio	Lower	Upper
92	100		
91	175.7	138.3	207.5

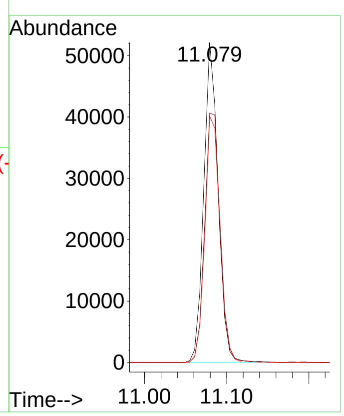


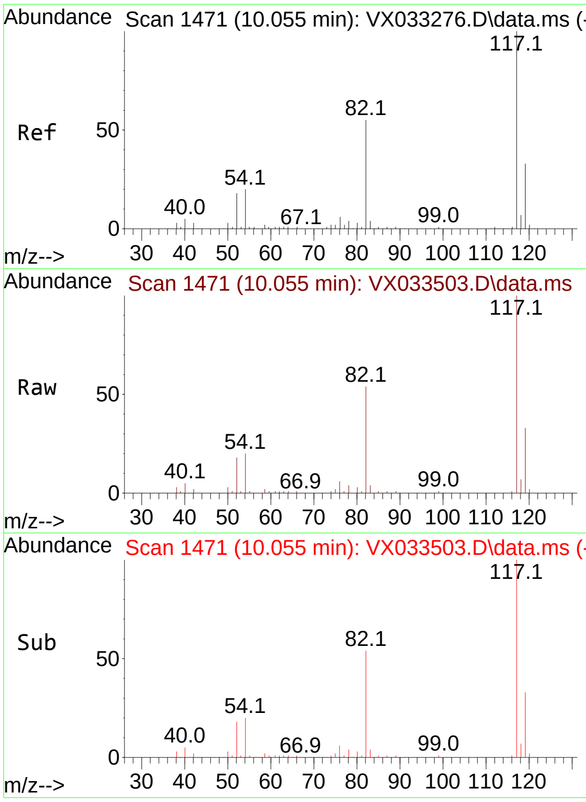


#62
4-Bromofluorobenzene
Concen: 46.874 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033503.D
Acq: 20 Dec 2022 13:22

Tgt Ion: 95 Resp: 63327

Ion	Ratio	Lower	Upper
95	100		
174	84.6	0.0	164.0
176	81.7	0.0	154.4





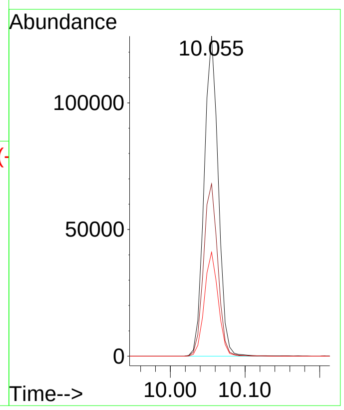
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14

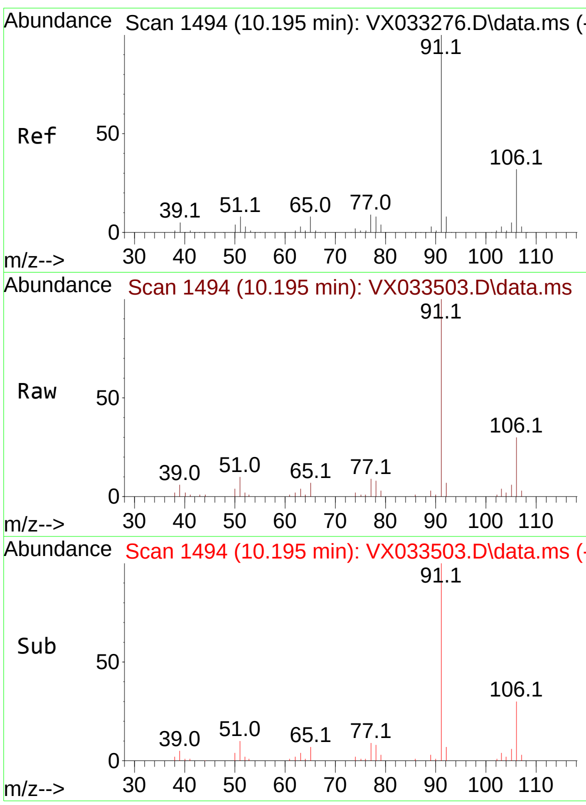
Instrument :
MSVOA_X
ClientSampleId :
PARAM-1

Delta R.T. 0.000 min
Lab File: VX033503.D
Acq: 20 Dec 2022 13:22

Tgt Ion:117 Resp: 166661

Ion	Ratio	Lower	Upper
117	100		
82	53.8	44.3	66.5
119	32.5	25.7	38.5

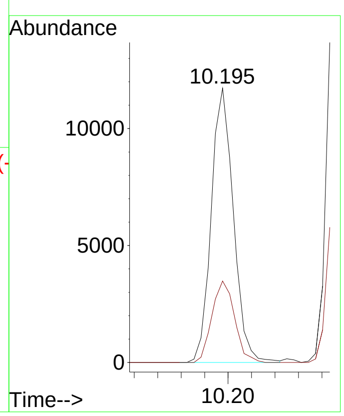


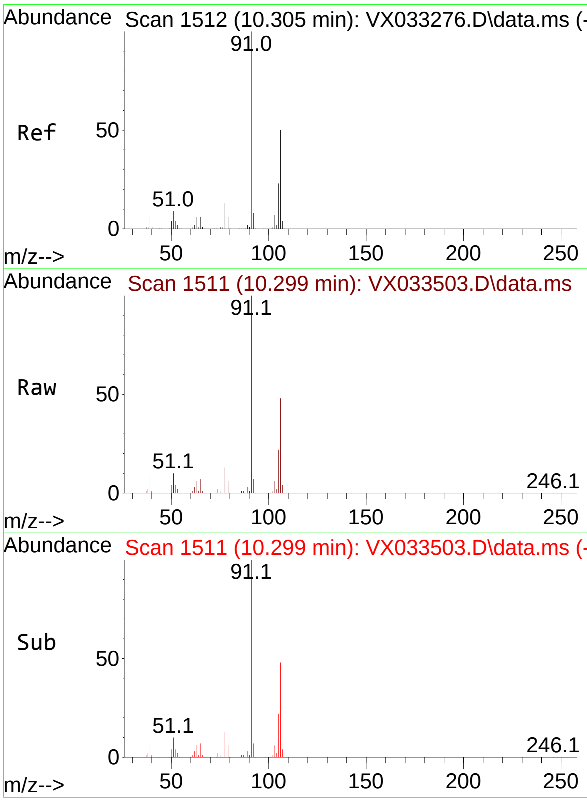


#67
Ethyl Benzene
Concen: 2.624 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033503.D
Acq: 20 Dec 2022 13:22

Tgt Ion: 91 Resp: 15430

Ion	Ratio	Lower	Upper
91	100		
106	29.7	25.0	37.6



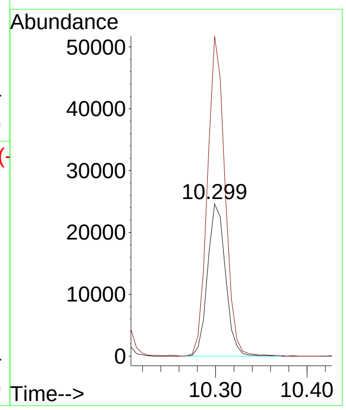


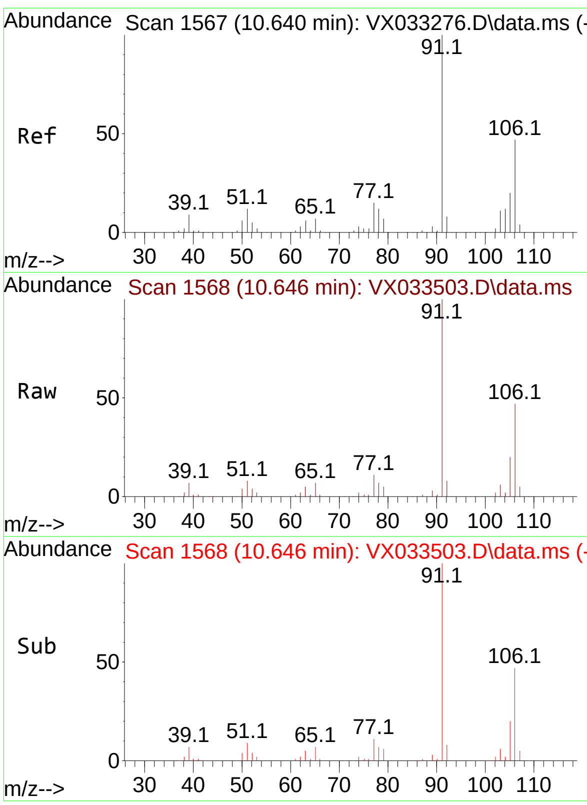
#68
m/p-Xylenes
Concen: 14.574 ug/l
RT: 10.299 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX033503.D
Acq: 20 Dec 2022 13:22

Instrument :
MSVOA_X
ClientSampleId :
PARAM-1

Tgt Ion:106 Resp: 33340

Ion	Ratio	Lower	Upper
106	100		
91	205.9	164.5	246.7

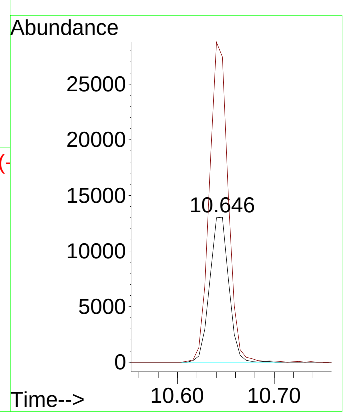


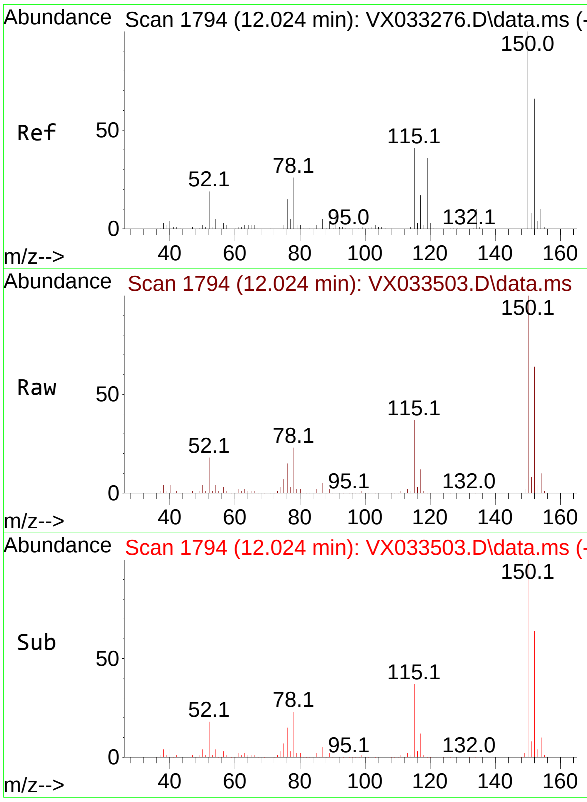


#69
o-Xylene
Concen: 7.909 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX033503.D
Acq: 20 Dec 2022 13:22

Tgt Ion:106 Resp: 17884

Ion	Ratio	Lower	Upper
106	100		
91	216.3	109.2	327.6



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#72
1,4-Dichlorobenzene-d4
Concen:   50.000 ug/l
RT:  12.024 min  Scan# 1
Delta R.T.  0.000 min
Lab File:   VX033503.D
Acq: 20 Dec 2022  13:22

Tgt Ion:152 Resp:   79041
Ion  Ratio  Lower  Upper
152  100
115   59.6   44.0  132.0
150  158.5    0.0  351.8
```

Instrument :
MSVOA_X
ClientSampleId :
PARAM-1