Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091021\
Data File : VX024159.D
Acq On : 10 Sep 2021 12:37
Operator : JC/MD
Sample : M3689-05 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 258

Quant Time: Sep 11 04:20:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	154178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	260011	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	242379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	109284	50.786	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.580%			
35) Dibromofluoromethane	5.391	113	85037	49.413	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.820%			
50) Toluene-d8	8.653	98	315640	48.189	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.380%			
62) 4-Bromofluorobenzene	11.085	95	115311	47.822	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.640%			
Target Compounds						Qvalue
16) Acetone	2.386	43	3999	4.156	ug/l #	82
40) Benzene	6.044	78	18070	2.538	ug/l	100
52) Toluene	8.720	92	24625	5.337	ug/l	96
67) Ethyl Benzene	10.195	91	2380	0.269	ug/l #	87
68) m/p-Xylenes	10.305	106	2419	0.719	ug/l	97
69) o-Xylene	10.646	106	1372	0.415	ug/l	83

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

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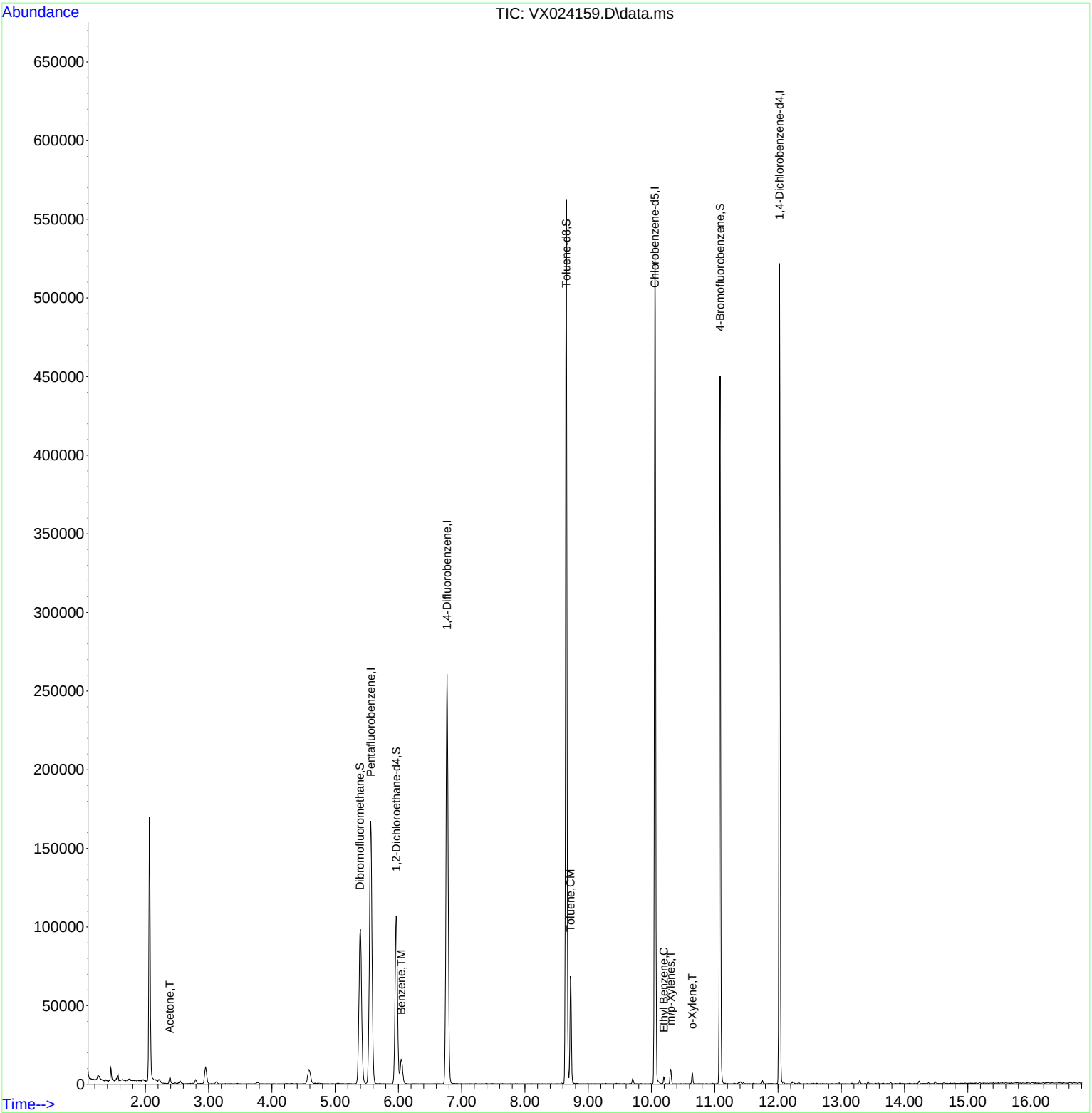
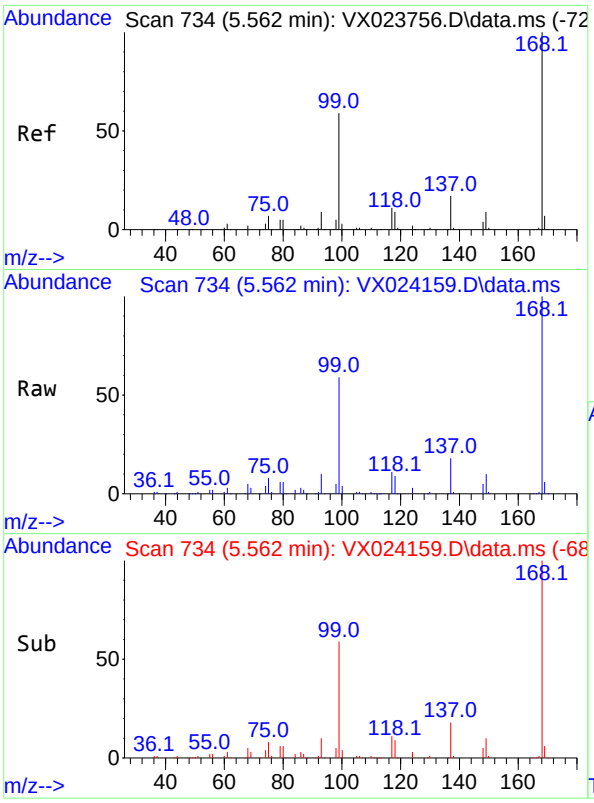
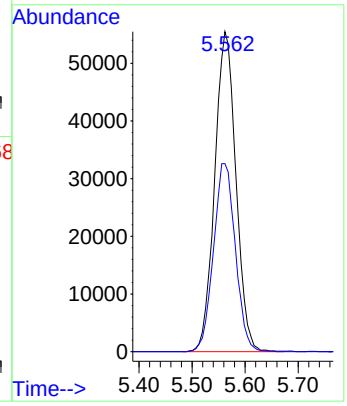




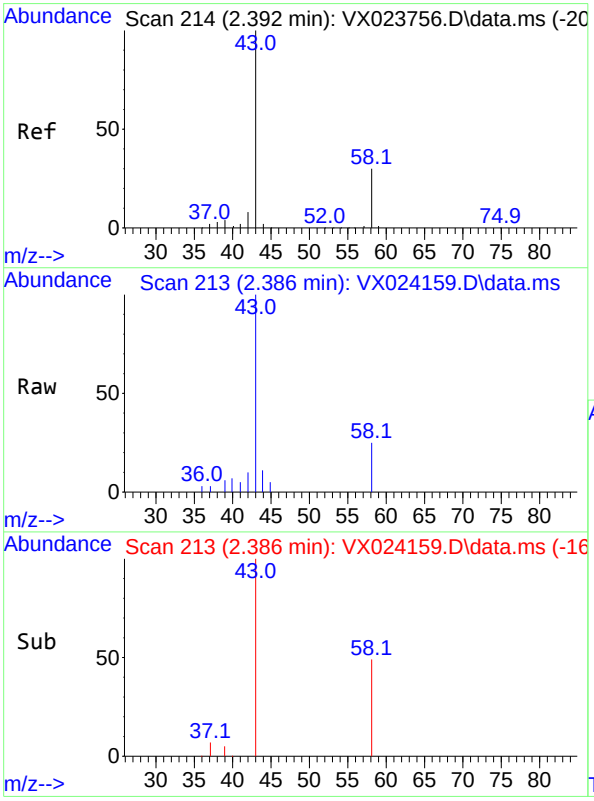
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024159.D
Acq: 10 Sep 2021 12:37

Tgt Ion:168 Resp: 154178

Ion	Ratio	Lower	Upper
168	100		
99	58.8	45.8	68.6



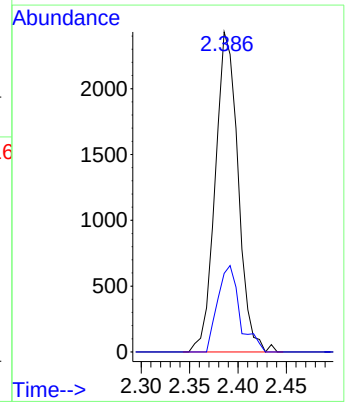
Instrument :
MSVOA_X
ClientSampleId :
258

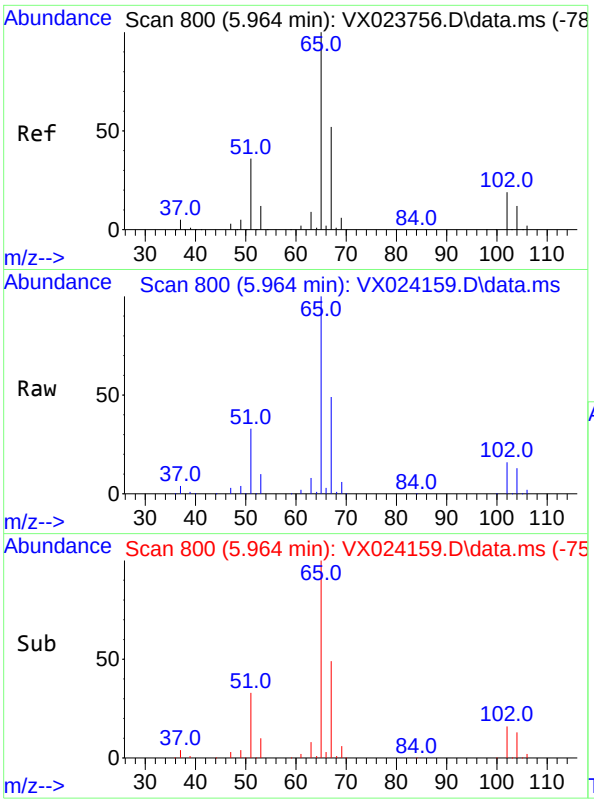


#16
Acetone
Concen: 4.156 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024159.D
Acq: 10 Sep 2021 12:37

Tgt Ion: 43 Resp: 3999

Ion	Ratio	Lower	Upper
43	100		
58	24.6	27.8	41.8#

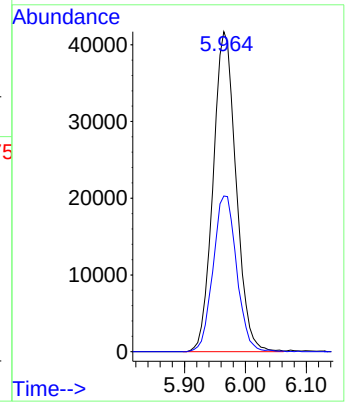




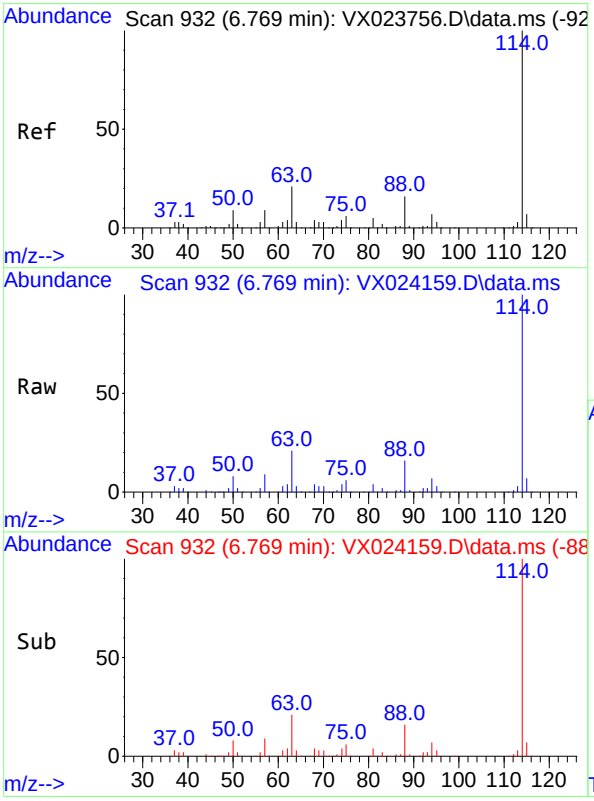
#33
1,2-Dichloroethane-d4
Concen: 50.786 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024159.D
Acq: 10 Sep 2021 12:37

Tgt Ion: 65 Resp: 109284

Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	105.4



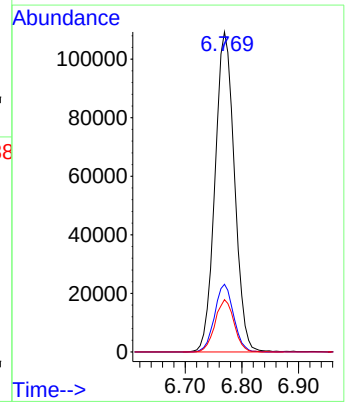
Instrument :
MSVOA_X
ClientSampleId :
258

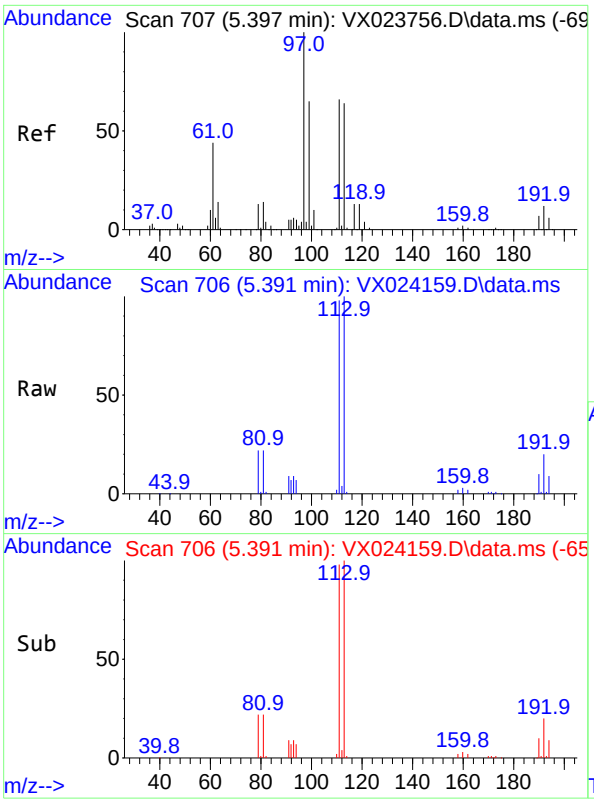


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024159.D
Acq: 10 Sep 2021 12:37

Tgt Ion:114 Resp: 260011

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	40.8
88	16.4	0.0	32.8

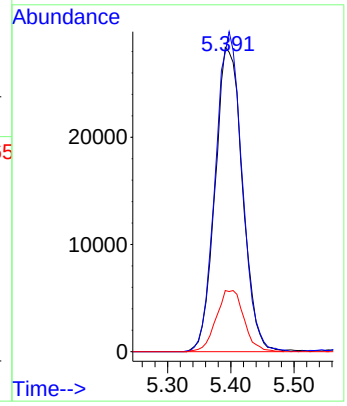




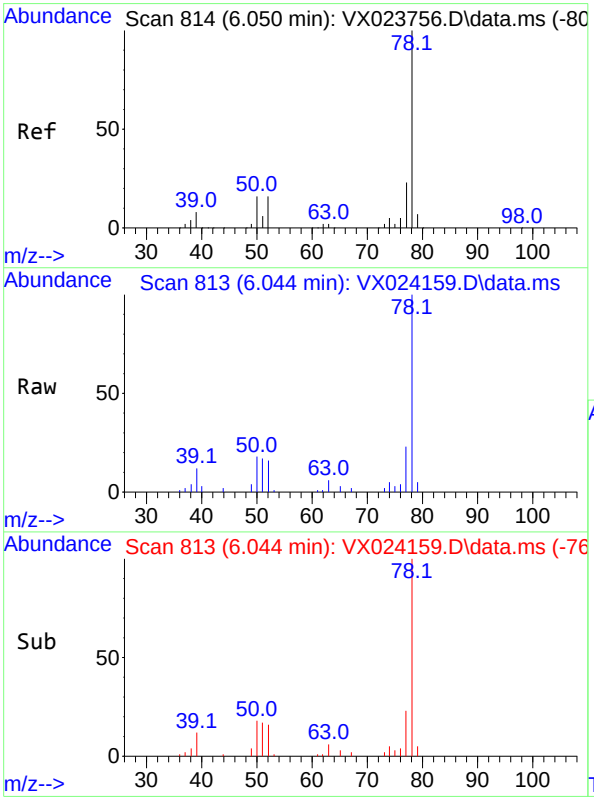
#35
Dibromofluoromethane
Concen: 49.413 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024159.D
Acq: 10 Sep 2021 12:37

Tgt Ion:113 Resp: 85037

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.9	122.9
192	20.4	16.7	25.1



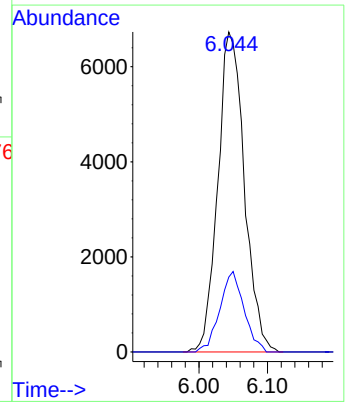
Instrument :
MSVOA_X
ClientSampleId :
258

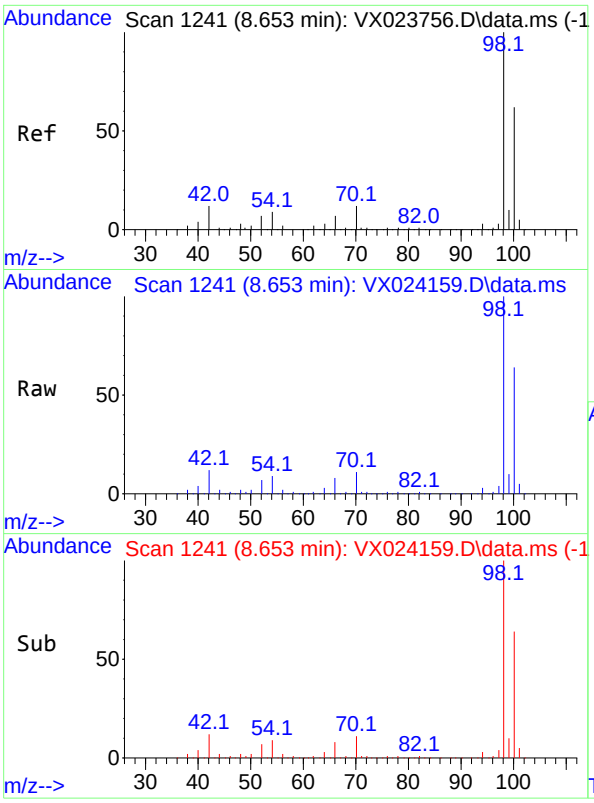


#40
Benzene
Concen: 2.538 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX024159.D
Acq: 10 Sep 2021 12:37

Tgt Ion: 78 Resp: 18070

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.9	28.3

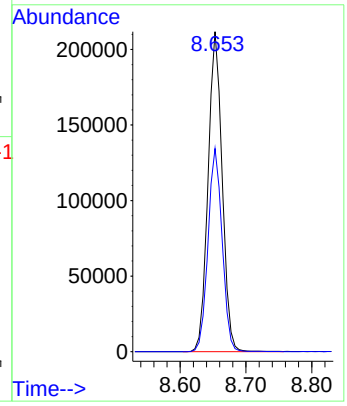




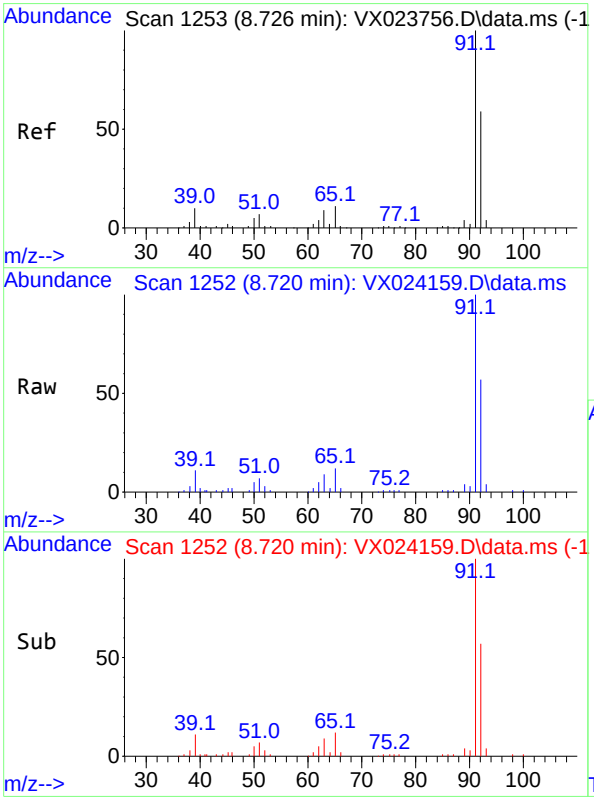
#50
Toluene-d8
Concen: 48.189 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024159.D
Acq: 10 Sep 2021 12:37

Tgt Ion: 98 Resp: 315640

Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.9	77.9



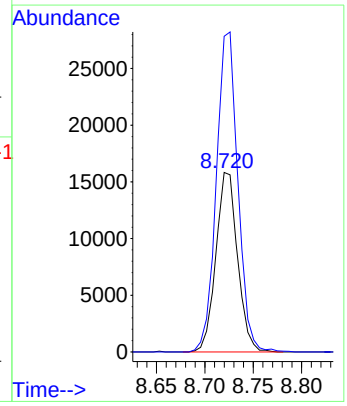
Instrument :
MSVOA_X
ClientSampleId :
258



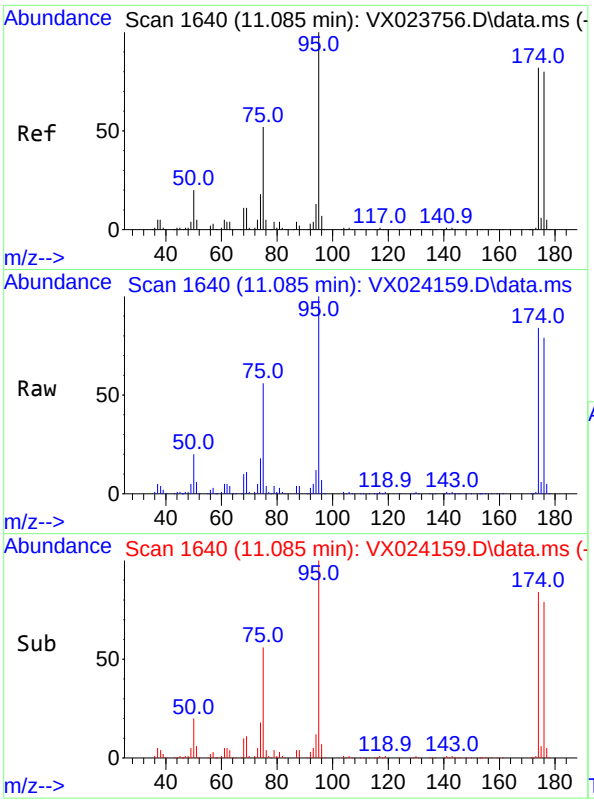
#52
Toluene
Concen: 5.337 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VX024159.D
Acq: 10 Sep 2021 12:37

Tgt Ion: 92 Resp: 24625

Ion	Ratio	Lower	Upper
92	100		
91	177.4	137.1	205.7



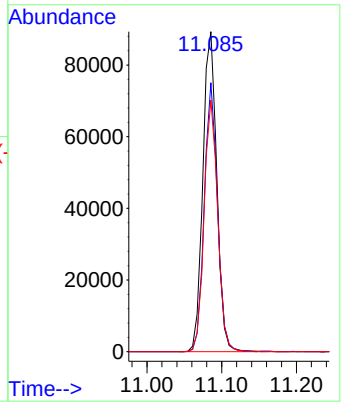
Instrument :
MSVOA_X
ClientSampleId :
258

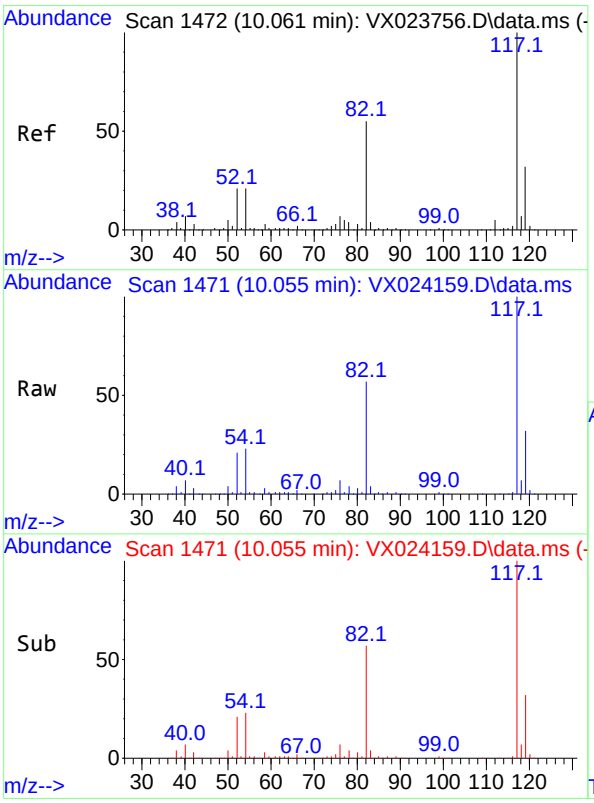


#62
4-Bromofluorobenzene
Concen: 47.822 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024159.D
Acq: 10 Sep 2021 12:37

Tgt Ion: 95 Resp: 115311

Ion	Ratio	Lower	Upper
95	100		
174	80.0	0.0	154.6
176	76.5	0.0	155.8

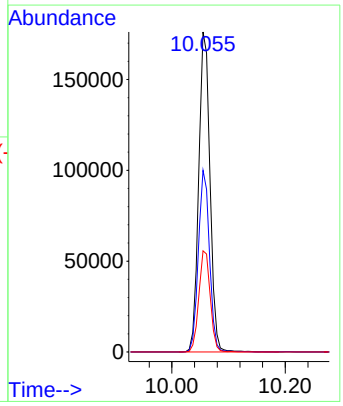




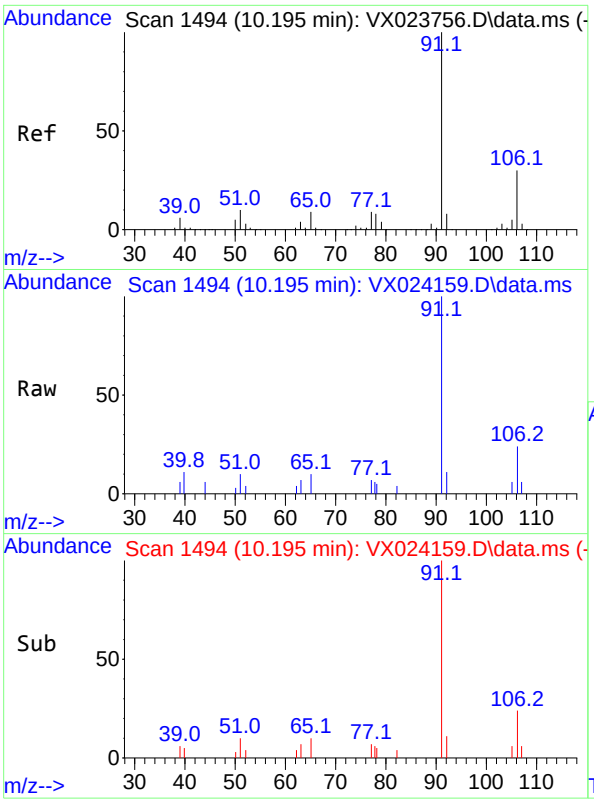
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024159.D
Acq: 10 Sep 2021 12:37

Tgt Ion:117 Resp: 242379

Ion	Ratio	Lower	Upper
117	100		
82	56.7	47.4	71.2
119	31.6	26.6	39.8



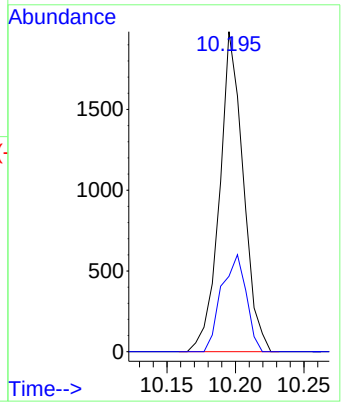
Instrument :
MSVOA_X
ClientSampleId :
258

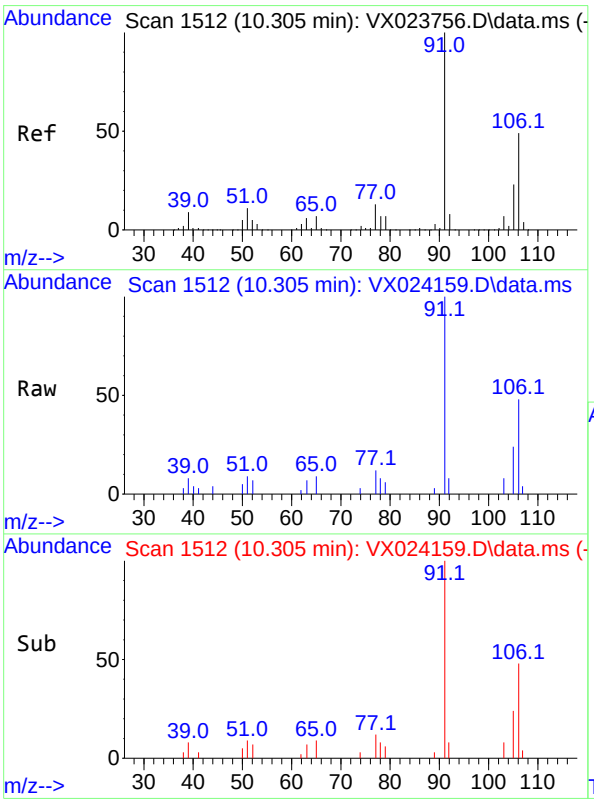


#67
Ethyl Benzene
Concen: 0.269 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX024159.D
Acq: 10 Sep 2021 12:37

Tgt Ion: 91 Resp: 2380

Ion	Ratio	Lower	Upper
91	100		
106	23.6	24.6	37.0#

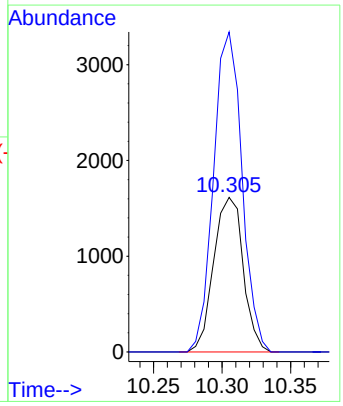


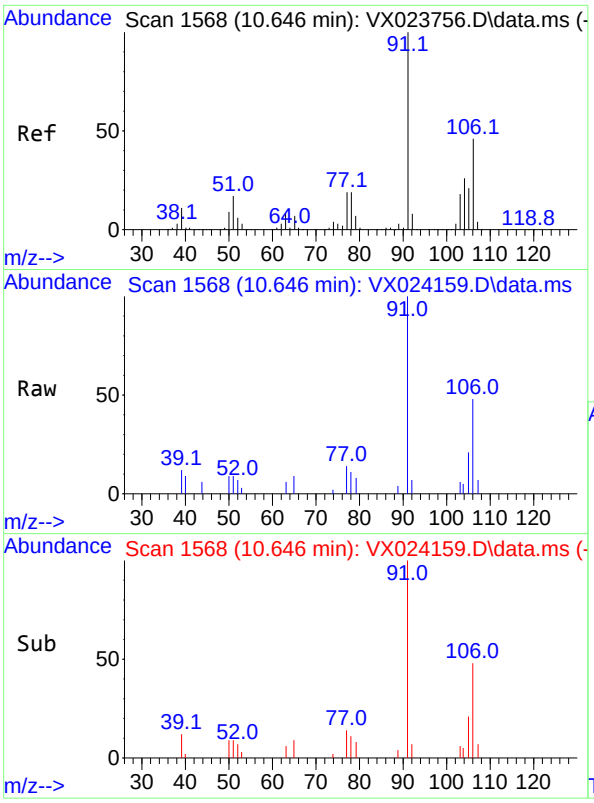


#68
m/p-Xylenes
Concen: 0.719 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX024159.D
Acq: 10 Sep 2021 12:37

Tgt Ion:106 Resp: 2419

Ion	Ratio	Lower	Upper
106	100		
91	199.2	162.8	244.2

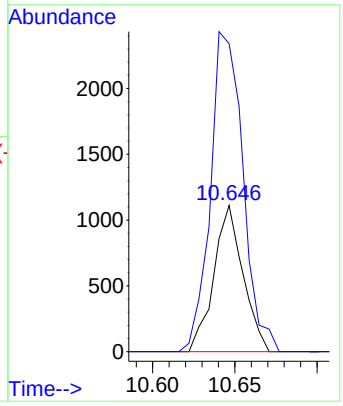




#69
o-Xylene
Concen: 0.415 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX024159.D
Acq: 10 Sep 2021 12:37

Tgt Ion:106 Resp: 1372

Ion	Ratio	Lower	Upper
106	100		
91	243.0	108.1	324.2



Instrument :
MSVOA_X
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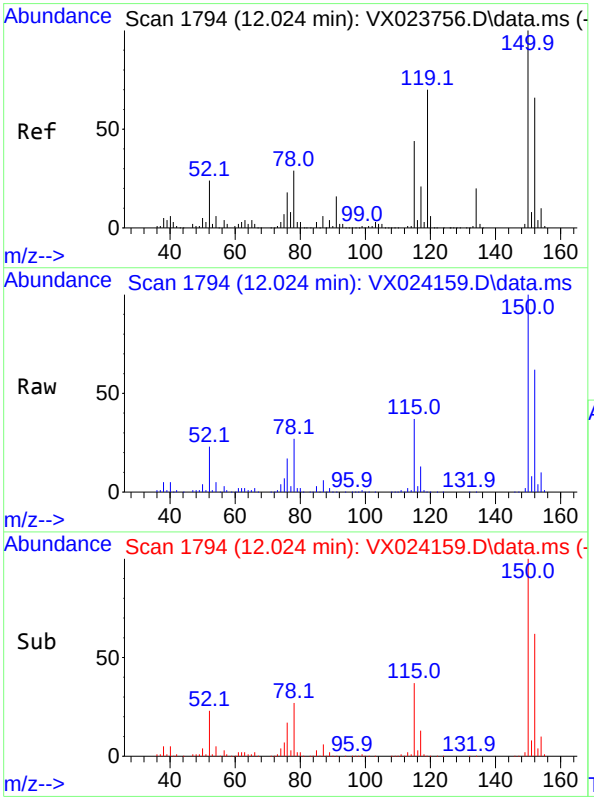
258



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024159.D
Acq: 10 Sep 2021 12:37

Tgt Ion:152 Resp: 104732

Ion	Ratio	Lower	Upper
152	100		
115	60.8	41.1	123.3
150	160.3	0.0	349.0