Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073123\
Data File : VX036725.D
Acq On : 31 Jul 2023 17:11
Operator : JC/MD
Sample : 03808-03DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
1710DL

Quant Time: Aug 01 04:39:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	127633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	230702	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87133	46.138	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.280%		
35) Dibromofluoromethane	5.391	113	73707	46.482	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.960%		
50) Toluene-d8	8.647	98	273823	48.694	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.380%		
62) 4-Bromofluorobenzene	11.079	95	101028	47.619	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.240%		
Target Compounds						Qvalue
16) Acetone	2.380	43	4116	5.252	ug/l	96
52) Toluene	8.720	92	220396	51.151	ug/l	98
67) Ethyl Benzene	10.195	91	3753	0.446	ug/l	95
68) m/p-Xylenes	10.305	106	3478	1.108	ug/l	91
69) o-Xylene	10.640	106	3064	0.978	ug/l	92

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

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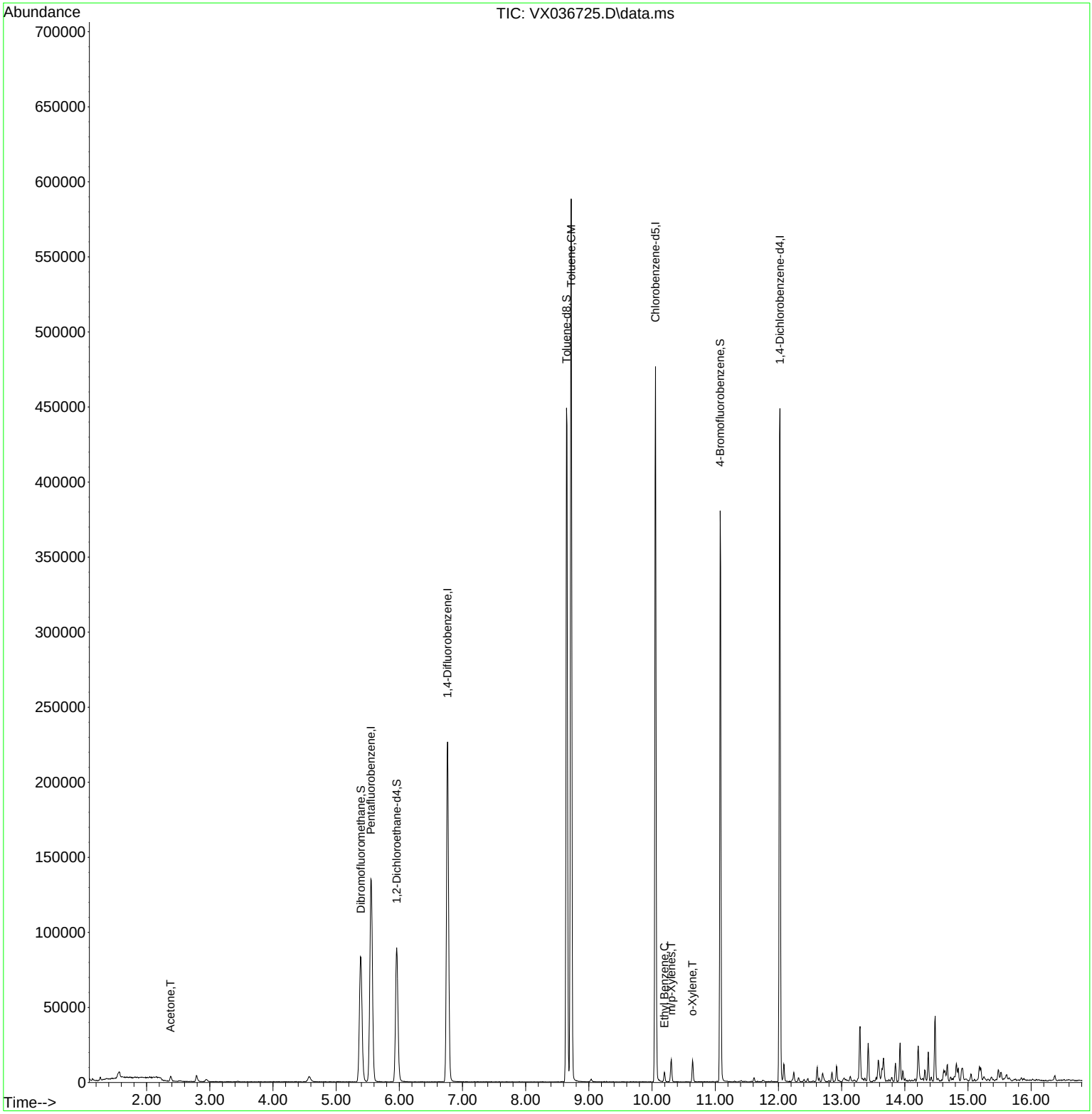
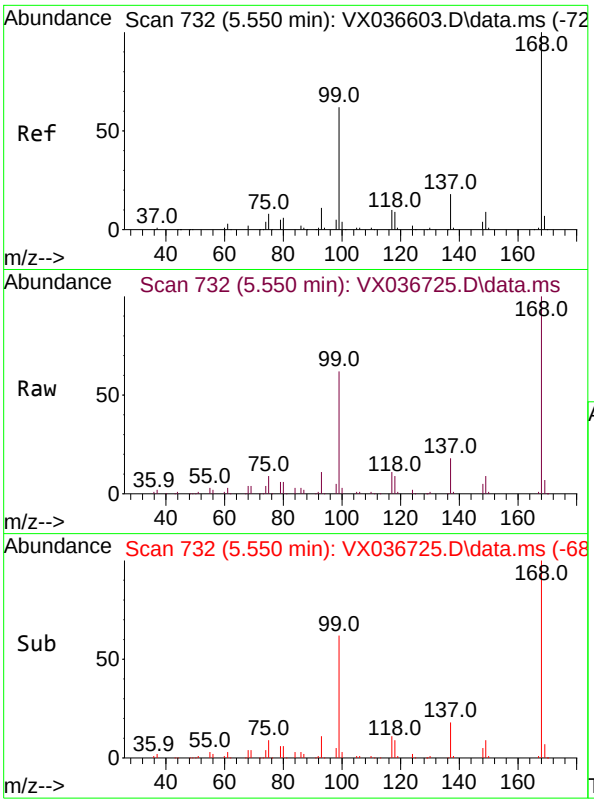


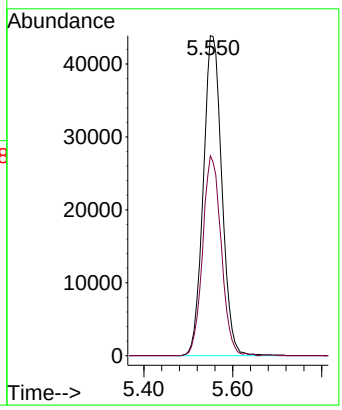


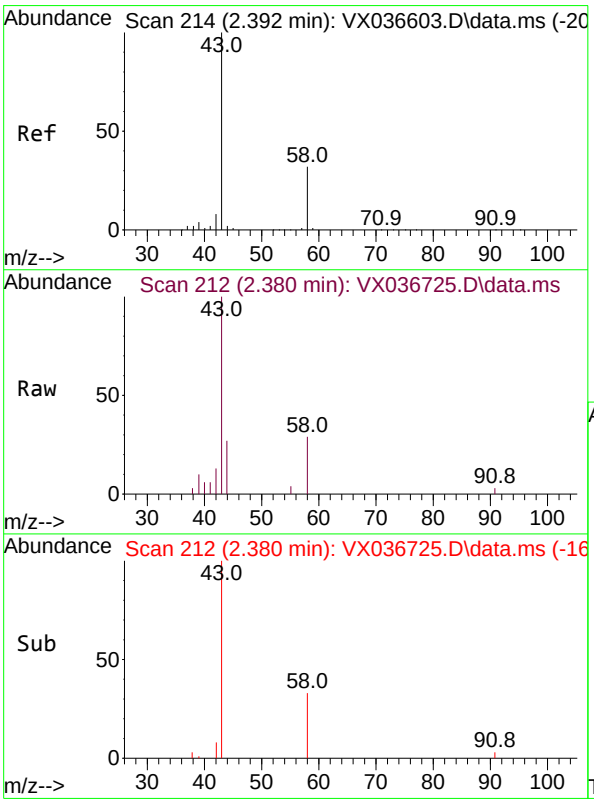
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX036725.D
Acq: 31 Jul 2023 17:11

Instrument :
MSVOA_X
ClientSampleId :
1710DL

Tgt Ion:168 Resp: 127633

Ion	Ratio	Lower	Upper
168	100		
99	62.4	56.6	85.0

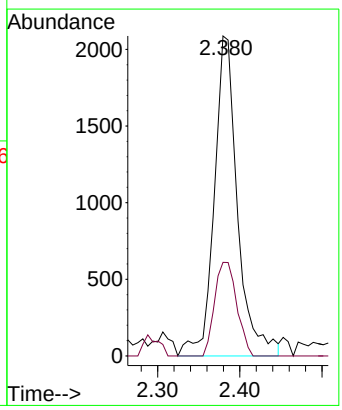


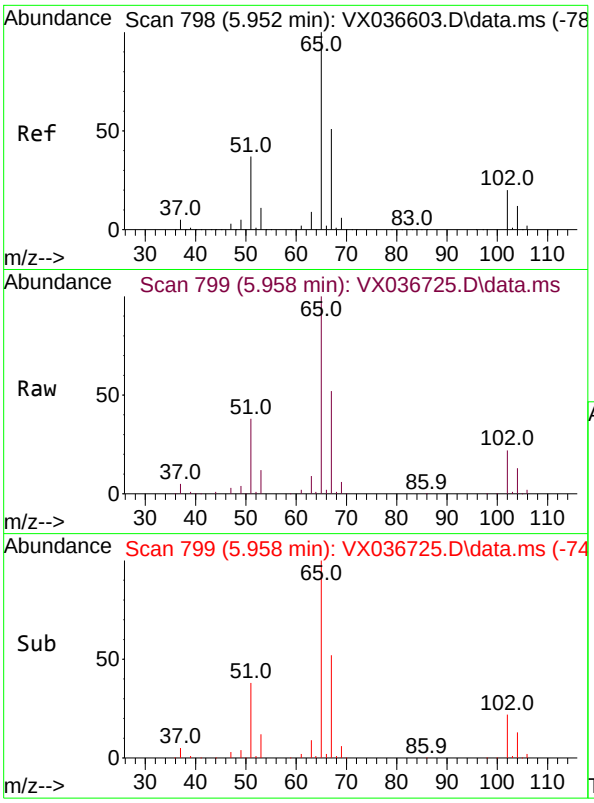


#16
Acetone
Concen: 5.252 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036725.D
Acq: 31 Jul 2023 17:11

Tgt Ion: 43 Resp: 4116

Ion	Ratio	Lower	Upper
43	100		
58	29.3	21.9	32.9



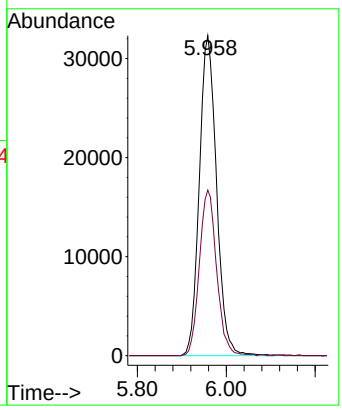


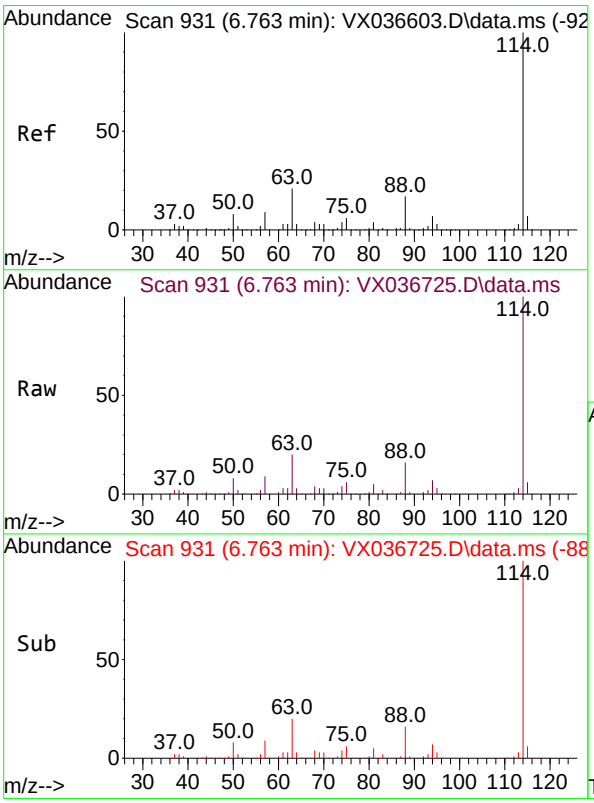
#33
1,2-Dichloroethane-d4
Concen: 46.138 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX036725.D
Acq: 31 Jul 2023 17:11

Instrument :
MSVOA_X
ClientSampleId :
1710DL

Tgt Ion: 65 Resp: 87133

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	100.2

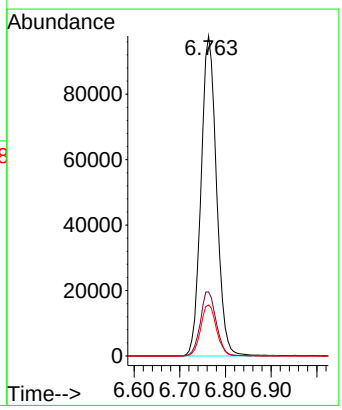


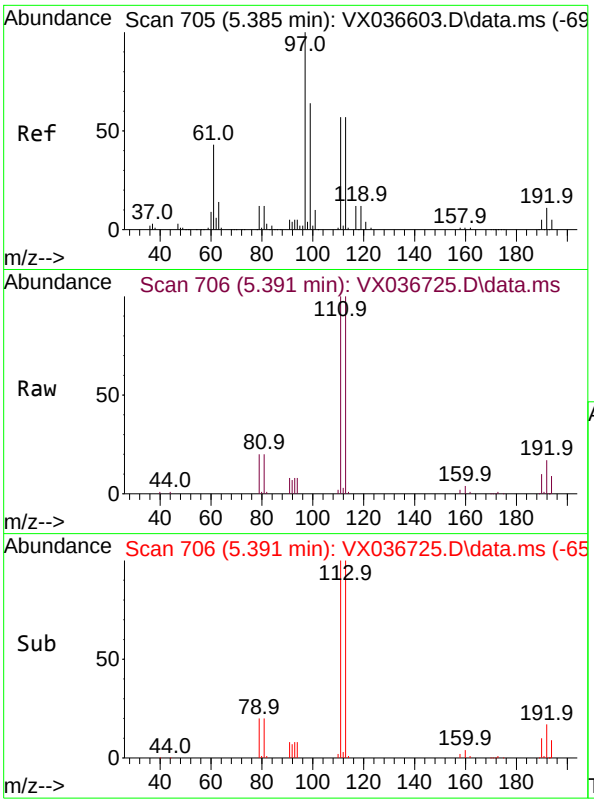


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX036725.D
Acq: 31 Jul 2023 17:11

Tgt Ion:114 Resp: 230702

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	45.0
88	16.0	0.0	36.6



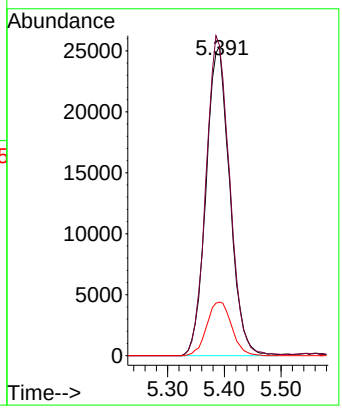


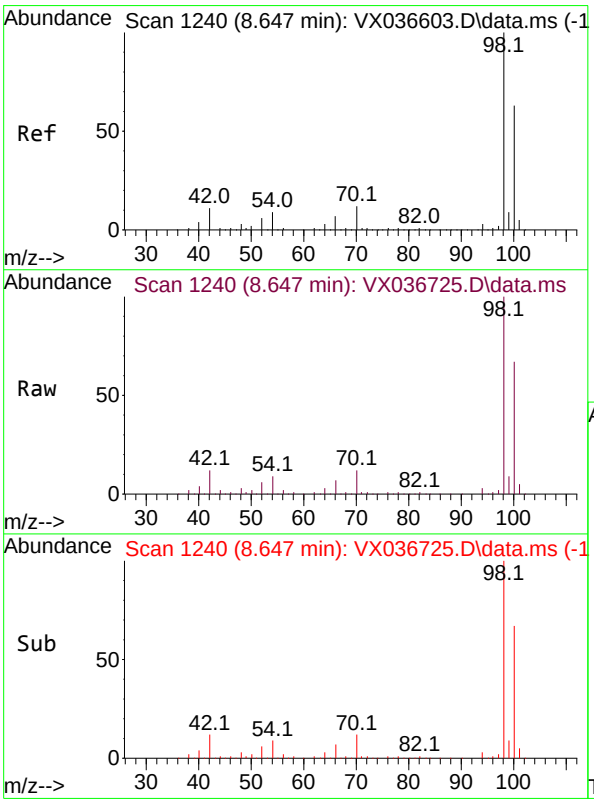
#35
Dibromofluoromethane
Concen: 46.482 ug/l
RT: 5.391 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX036725.D
Acq: 31 Jul 2023 17:11

Instrument :
MSVOA_X
ClientSampleId :
1710DL

Tgt Ion:113 Resp: 73707

Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.9	124.3
192	18.1	13.3	19.9

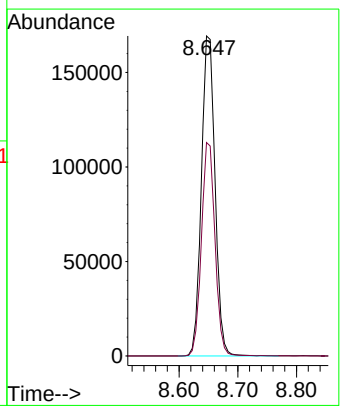


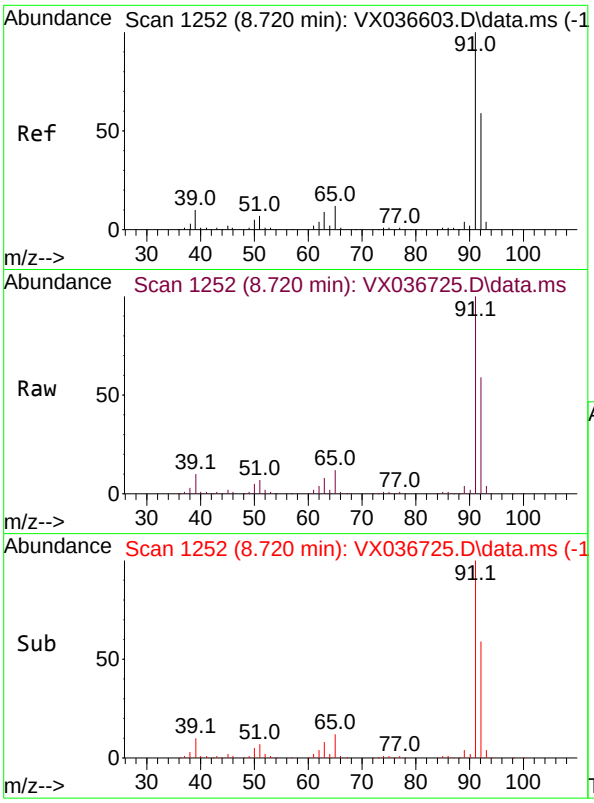


#50
Toluene-d8
Concen: 48.694 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX036725.D
Acq: 31 Jul 2023 17:11

Tgt Ion: 98 Resp: 273823

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.1	79.7



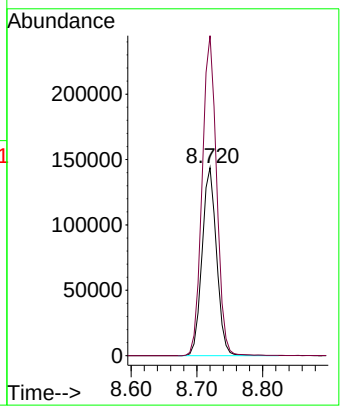


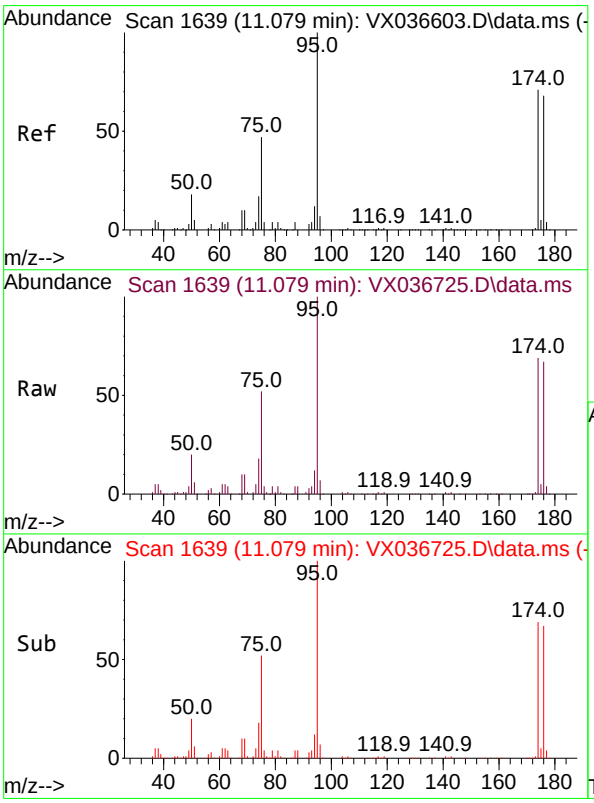
#52
Toluene
Concen: 51.151 ug/l
RT: 8.720 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX036725.D
Acq: 31 Jul 2023 17:11

Instrument :
MSVOA_X
ClientSampleId :
1710DL

Tgt Ion: 92 Resp: 220396

Ion	Ratio	Lower	Upper
92	100		
91	170.5	134.2	201.2

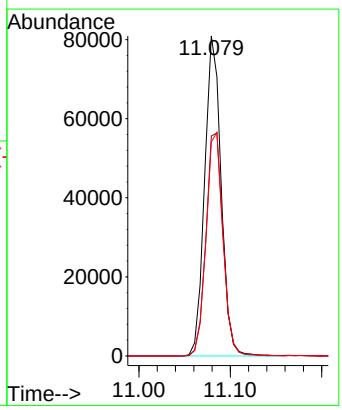


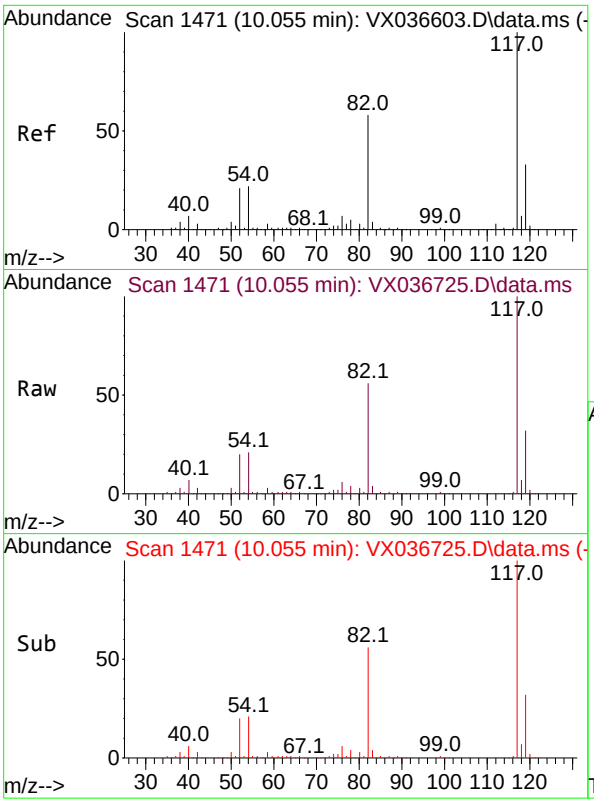


#62
4-Bromofluorobenzene
Concen: 47.619 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036725.D
Acq: 31 Jul 2023 17:11

Tgt Ion: 95 Resp: 101028

Ion	Ratio	Lower	Upper
95	100		
174	72.7	0.0	135.6
176	71.2	0.0	131.0



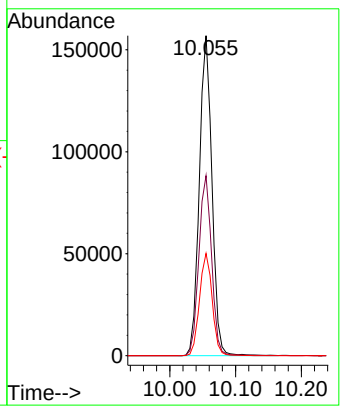


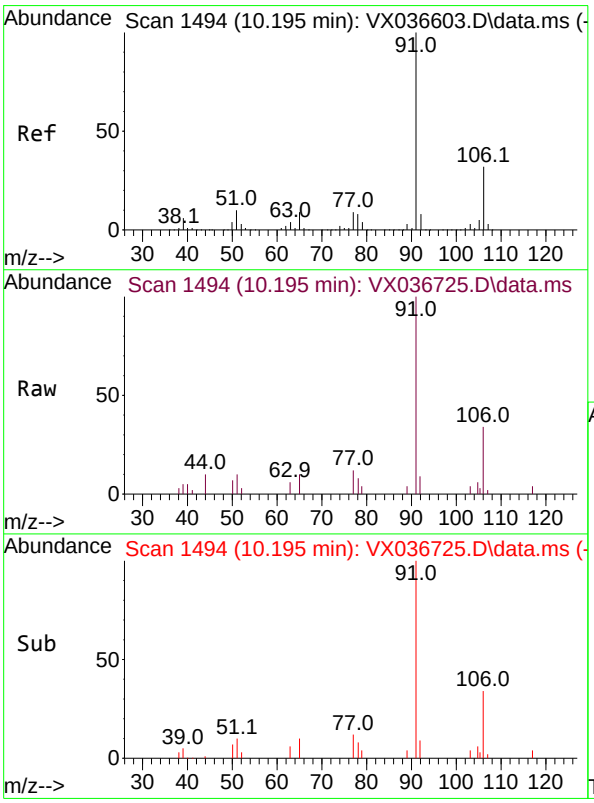
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX036725.D
Acq: 31 Jul 2023 17:11

Instrument :
MSVOA_X
ClientSampleId :
1710DL

Tgt Ion:117 Resp: 208976

Ion	Ratio	Lower	Upper
117	100		
82	56.3	46.2	69.4
119	32.0	25.5	38.3

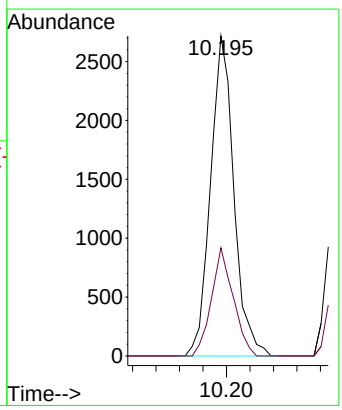


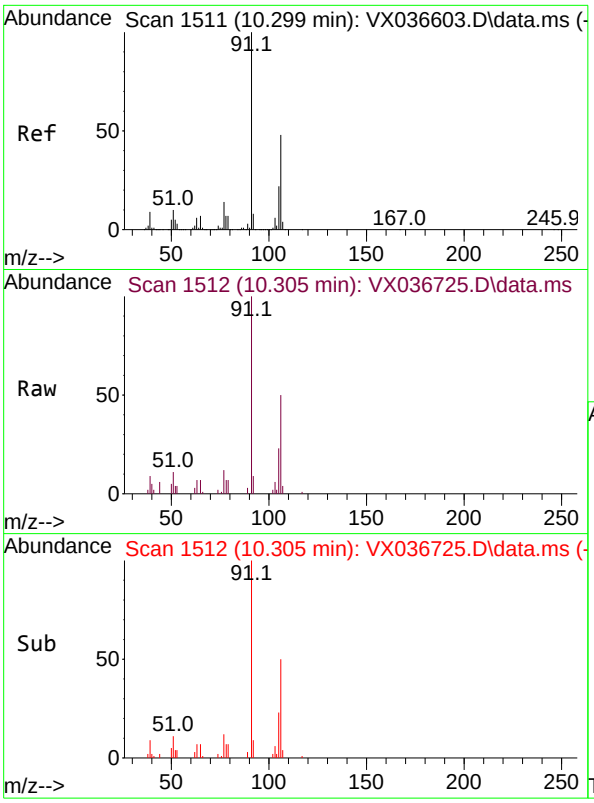


#67
Ethyl Benzene
Concen: 0.446 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX036725.D
Acq: 31 Jul 2023 17:11

Tgt Ion: 91 Resp: 3753

Ion	Ratio	Lower	Upper
91	100		
106	33.8	24.9	37.3



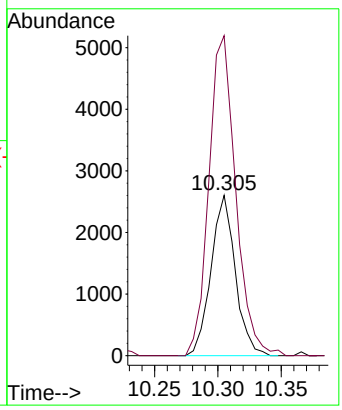


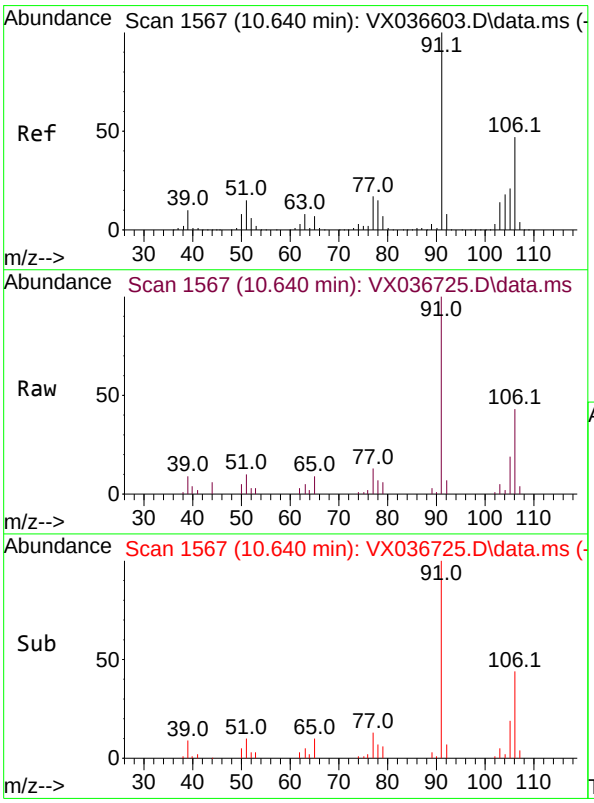
#68
m/p-Xylenes
Concen: 1.108 ug/l
RT: 10.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX036725.D
Acq: 31 Jul 2023 17:11

Instrument :
MSVOA_X
ClientSampleId :
1710DL

Tgt Ion:106 Resp: 3478

Ion	Ratio	Lower	Upper
106	100		
91	220.3	165.5	248.3

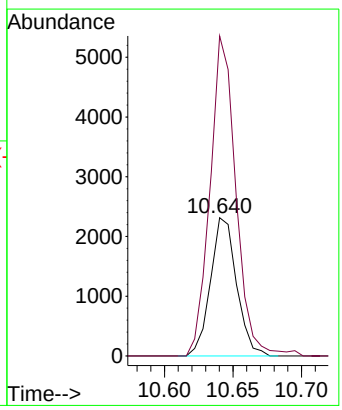


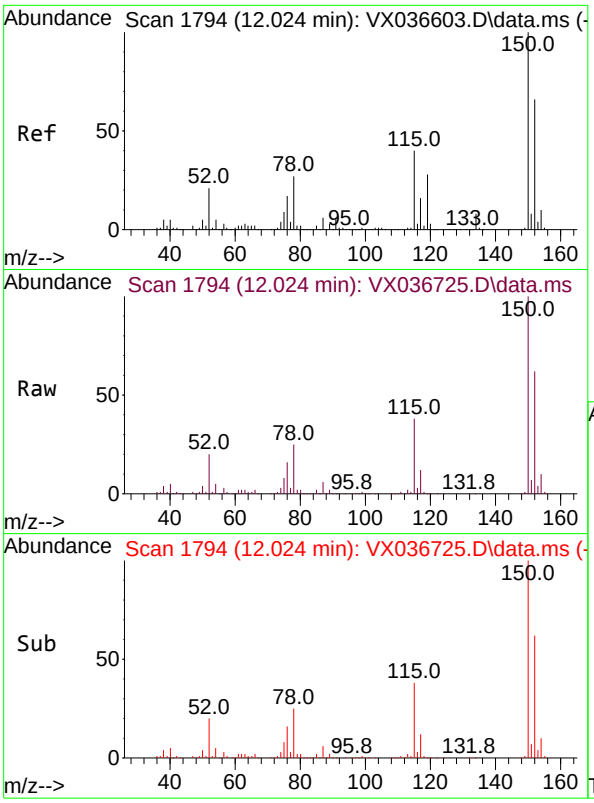


#69
o-Xylene
Concen: 0.978 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX036725.D
Acq: 31 Jul 2023 17:11

Tgt Ion:106 Resp: 3064

Ion	Ratio	Lower	Upper
106	100		
91	230.0	108.9	326.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX036725.D
Acq: 31 Jul 2023 17:11

Instrument :
MSVOA_X
ClientSampleId :
1710DL

Tgt Ion:152 Resp: 93851

Ion	Ratio	Lower	Upper
152	100		
115	61.9	43.3	129.9
150	158.3	0.0	345.0