Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101023\
Data File : VX038202.D
Acq On : 10 Oct 2023 15:33
Operator : JC/MD
Sample : 04782-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GW-4-23-26

Quant Time: Oct 11 01:39:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	106673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	190763	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79033	46.063	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 92.120%			
35) Dibromofluoromethane	5.385	113	62525	45.487	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 90.980%			
50) Toluene-d8	8.653	98	239724	45.639	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 91.280%#			
62) 4-Bromofluorobenzene	11.079	95	88035	44.210	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 88.420%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.374	62	1132	0.973	ug/l #	88
67) Ethyl Benzene	10.195	91	3025	0.428	ug/l	94
68) m/p-Xylenes	10.305	106	4379	1.602	ug/l	96

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

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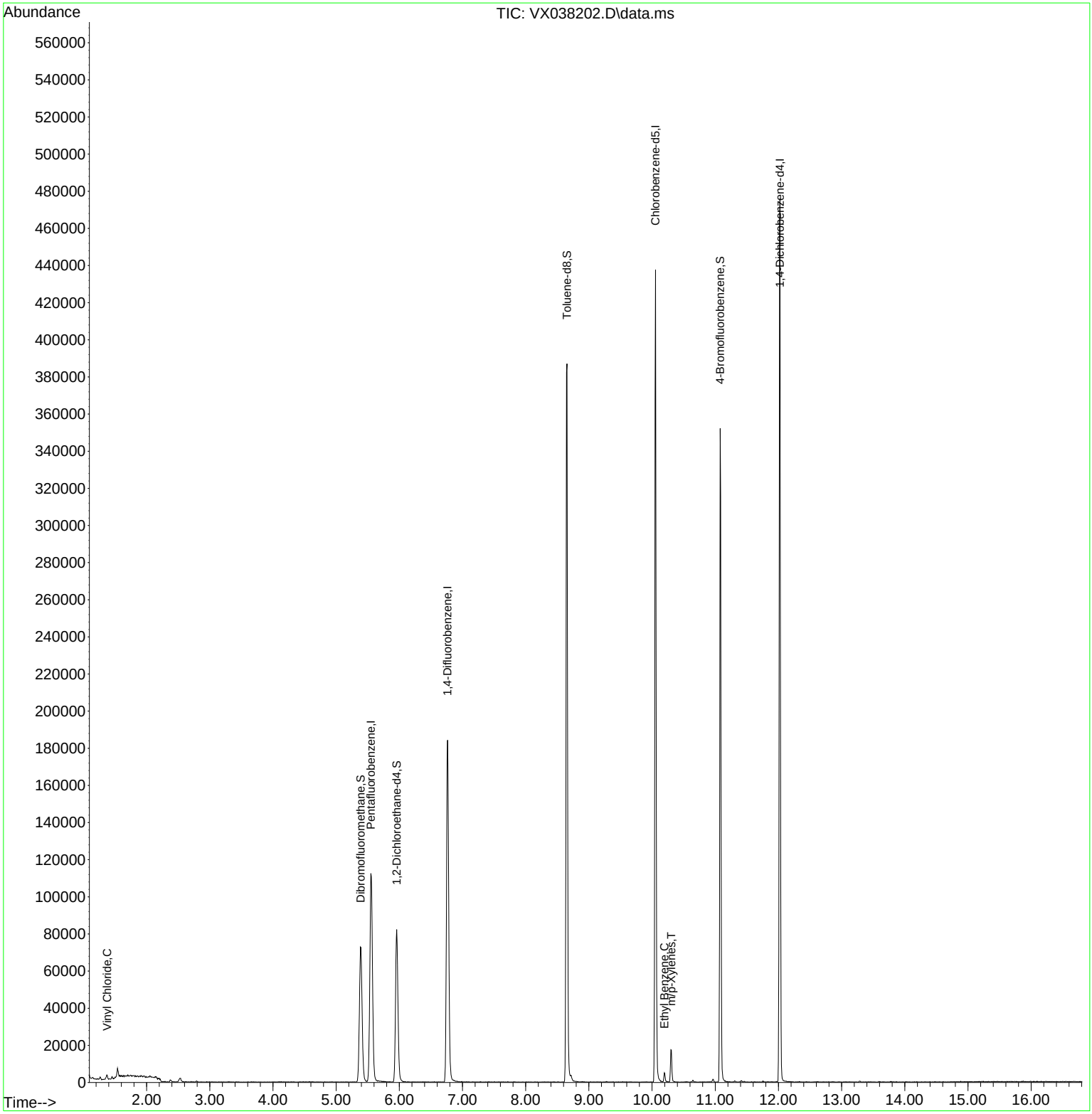
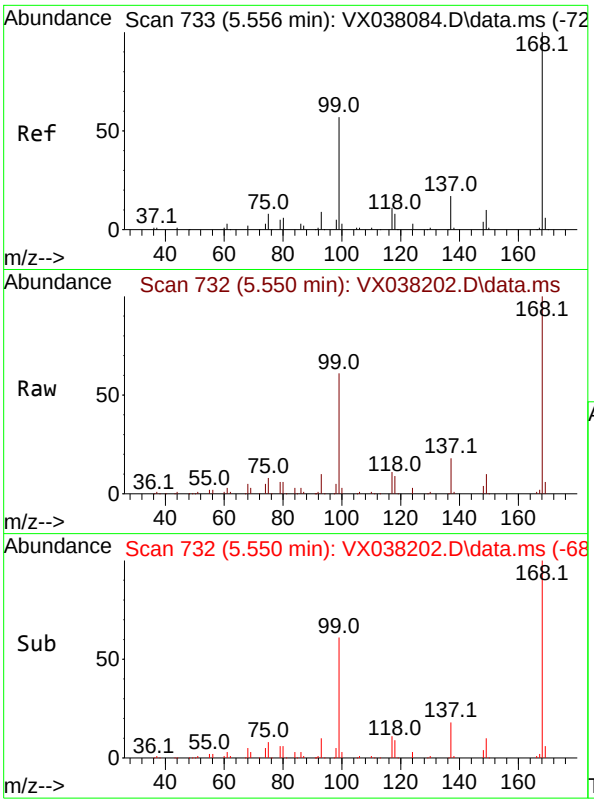


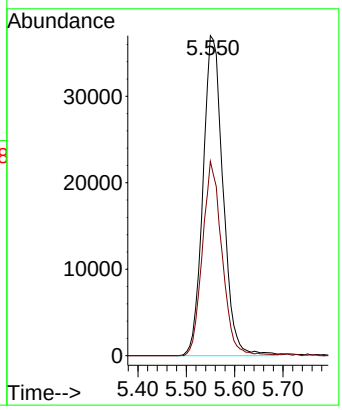


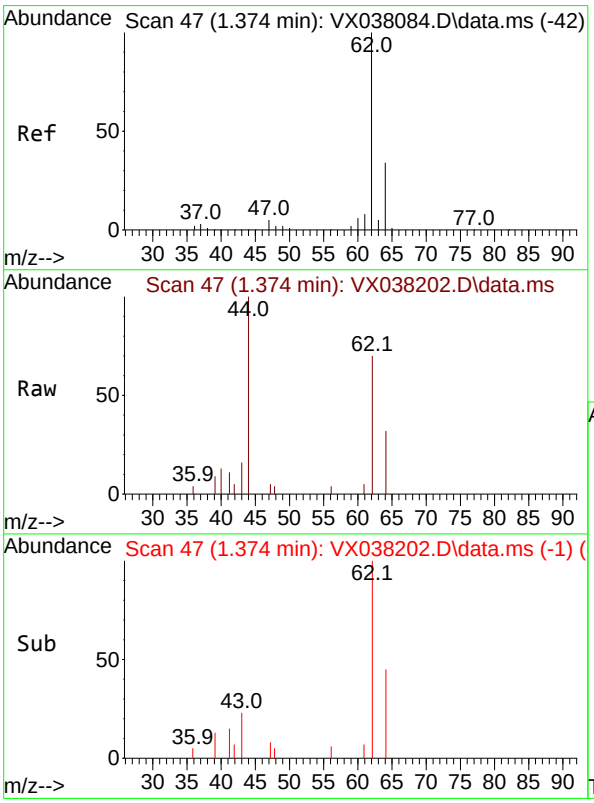
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX038202.D
Acq: 10 Oct 2023 15:33

Instrument :
MSVOA_X
ClientSampleId :
GW-4-23-26

Tgt Ion:168 Resp: 106673

Ion	Ratio	Lower	Upper
168	100		
99	60.8	56.6	85.0

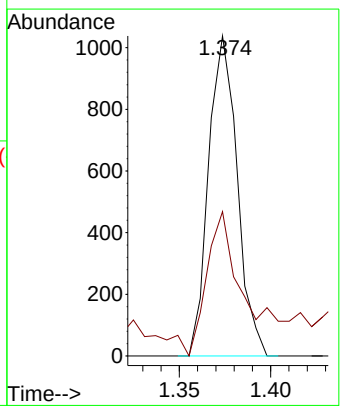


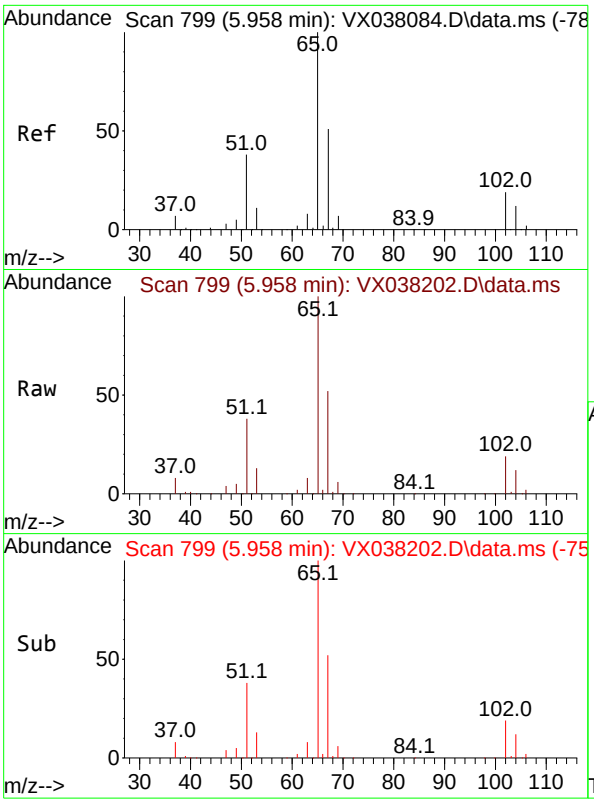


#4
Vinyl Chloride
Concen: 0.973 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038202.D
Acq: 10 Oct 2023 15:33

Tgt Ion: 62 Resp: 1132

Ion	Ratio	Lower	Upper
62	100		
64	38.6	25.4	38.0#



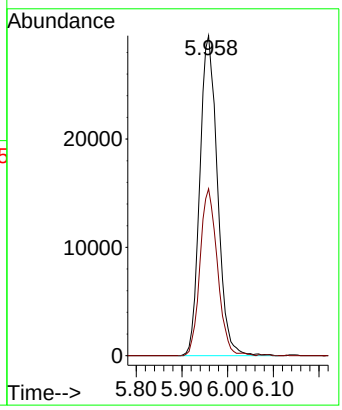


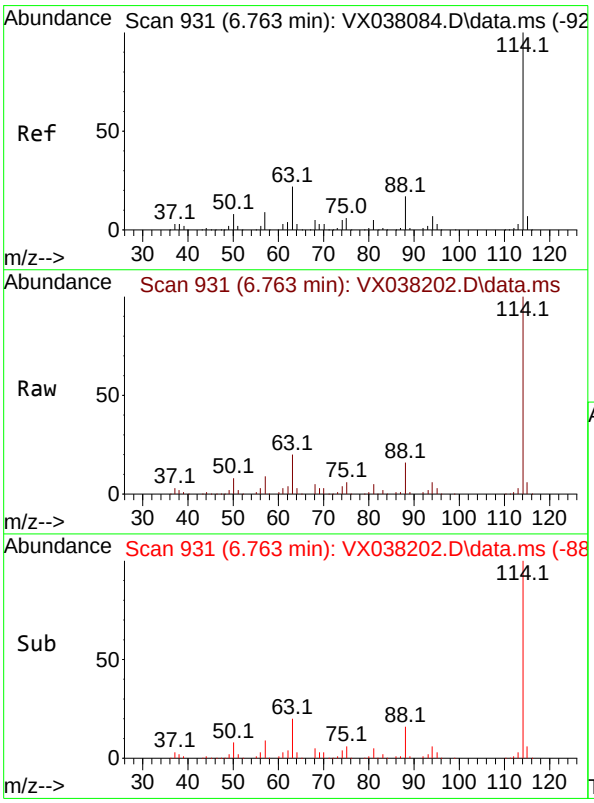
#33
1,2-Dichloroethane-d4
Concen: 46.063 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX038202.D
Acq: 10 Oct 2023 15:33

Instrument :
MSVOA_X
ClientSampleId :
GW-4-23-26

Tgt Ion: 65 Resp: 79033

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	100.2

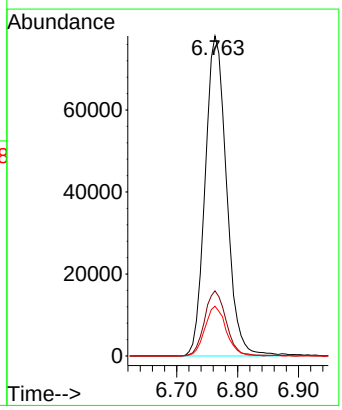


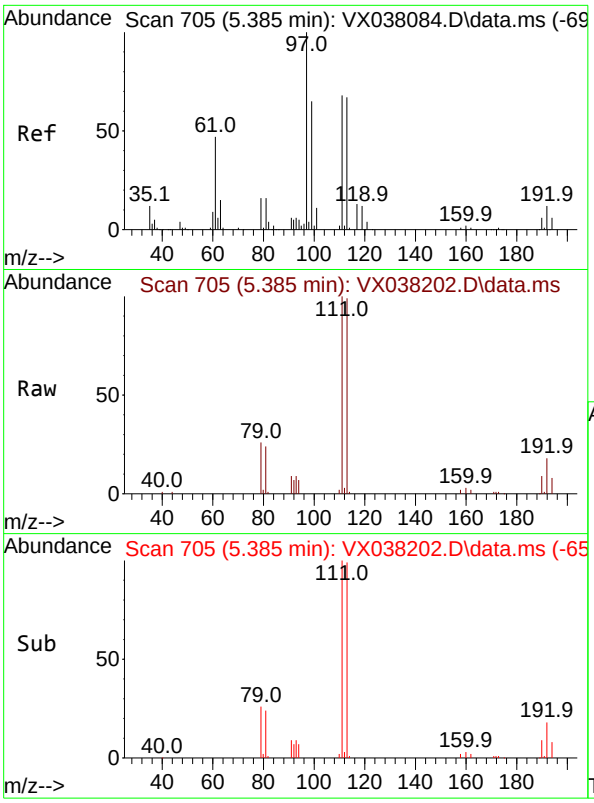


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX038202.D
Acq: 10 Oct 2023 15:33

Tgt Ion:114 Resp: 190763

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	45.0
88	15.6	0.0	36.6



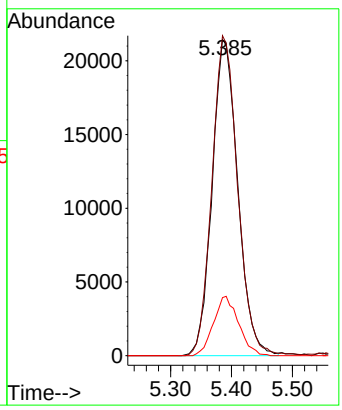


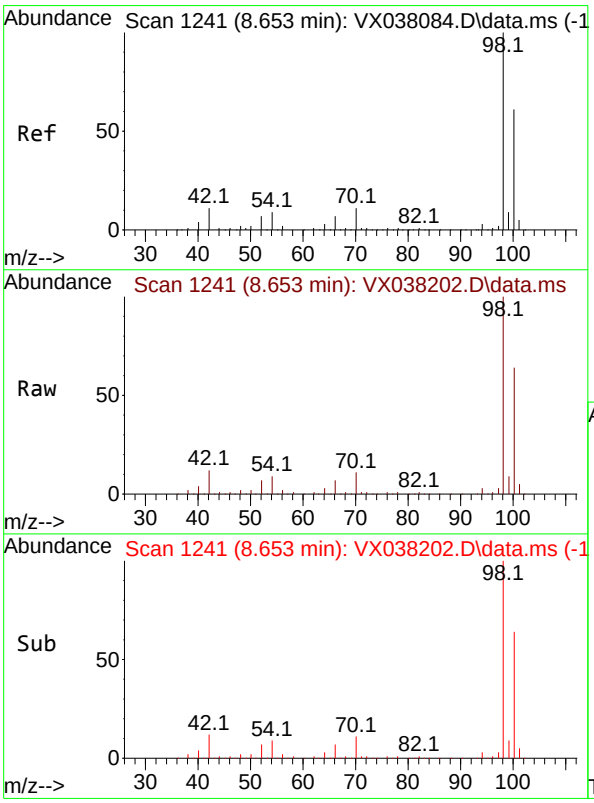
#35
Dibromofluoromethane
Concen: 45.487 ug/l
RT: 5.385 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX038202.D
Acq: 10 Oct 2023 15:33

Instrument :
MSVOA_X
ClientSampleId :
GW-4-23-26

Tgt Ion:113 Resp: 62525

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.9	124.3
192	18.4	13.3	19.9

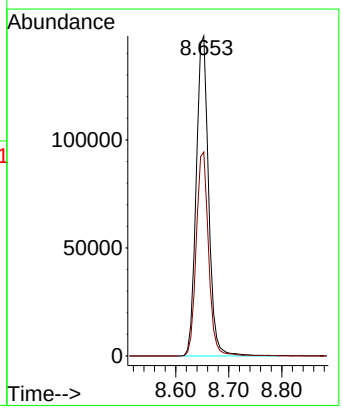


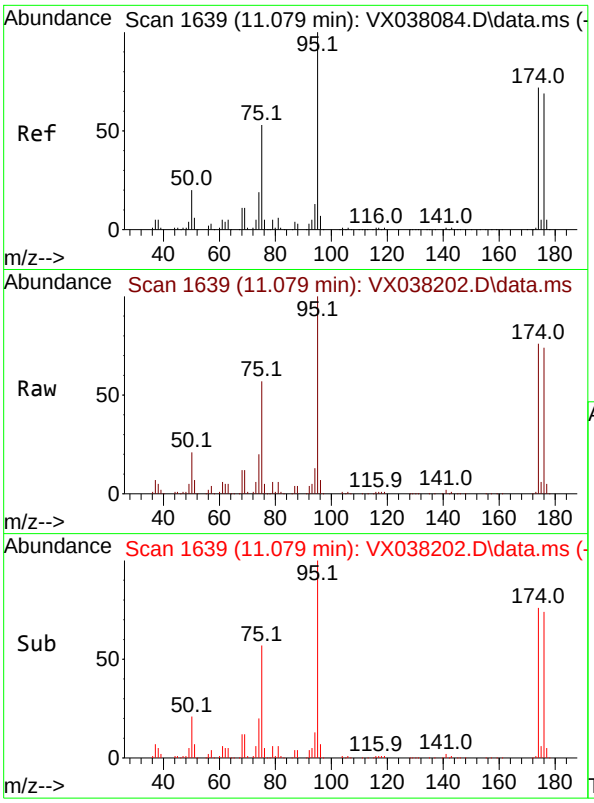


#50
Toluene-d8
Concen: 45.639 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX038202.D
Acq: 10 Oct 2023 15:33

Tgt Ion: 98 Resp: 239724

Ion	Ratio	Lower	Upper
98	100		
100	63.3	53.1	79.7



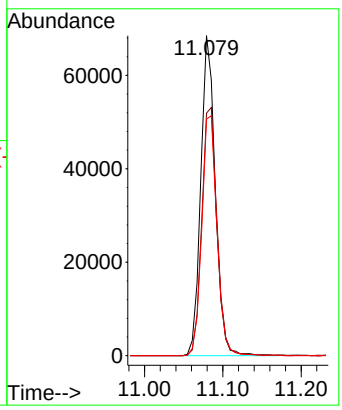


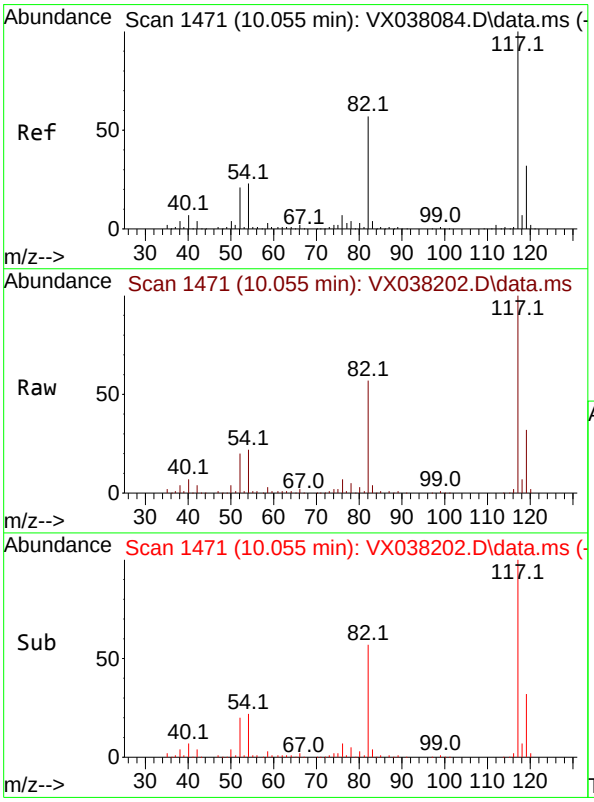
#62
4-Bromofluorobenzene
Concen: 44.210 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038202.D
Acq: 10 Oct 2023 15:33

Instrument :
MSVOA_X
ClientSampleId :
GW-4-23-26

Tgt Ion: 95 Resp: 88035

Ion	Ratio	Lower	Upper
95	100		
174	81.9	0.0	135.6
176	78.5	0.0	131.0

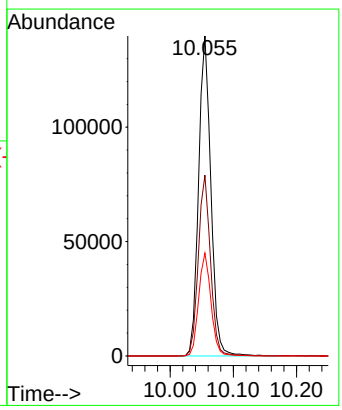


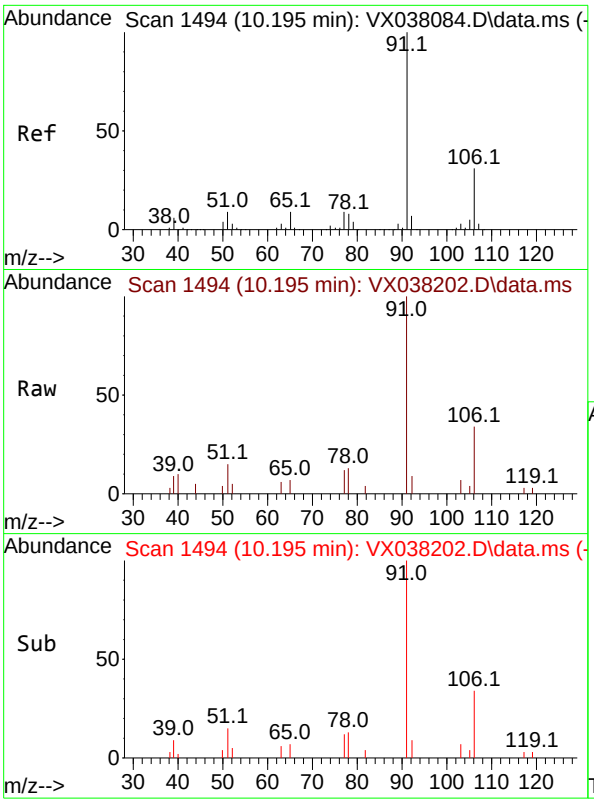


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038202.D
Acq: 10 Oct 2023 15:33

Tgt Ion:117 Resp: 189294

Ion	Ratio	Lower	Upper
117	100		
82	56.5	46.2	69.4
119	32.1	25.5	38.3



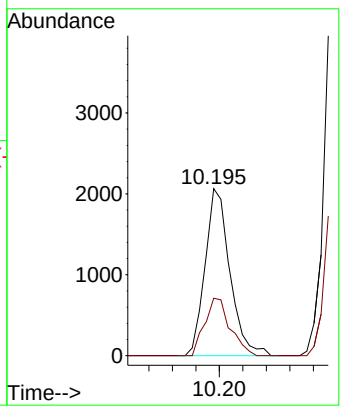


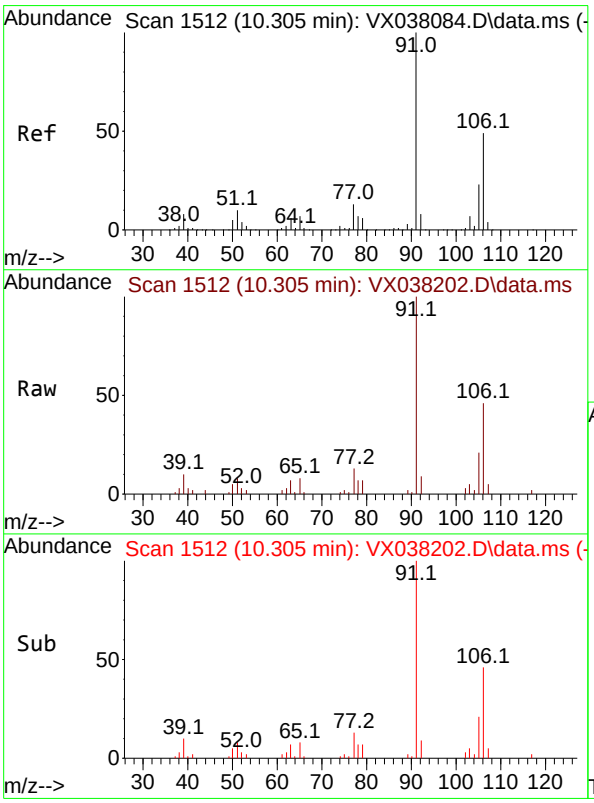
#67
Ethyl Benzene
Concen: 0.428 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX038202.D
Acq: 10 Oct 2023 15:33

Instrument :
MSVOA_X
ClientSampleId :
GW-4-23-26

Tgt Ion: 91 Resp: 3025

Ion	Ratio	Lower	Upper
91	100		
106	34.4	24.9	37.3

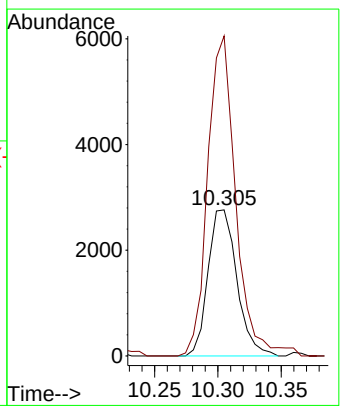


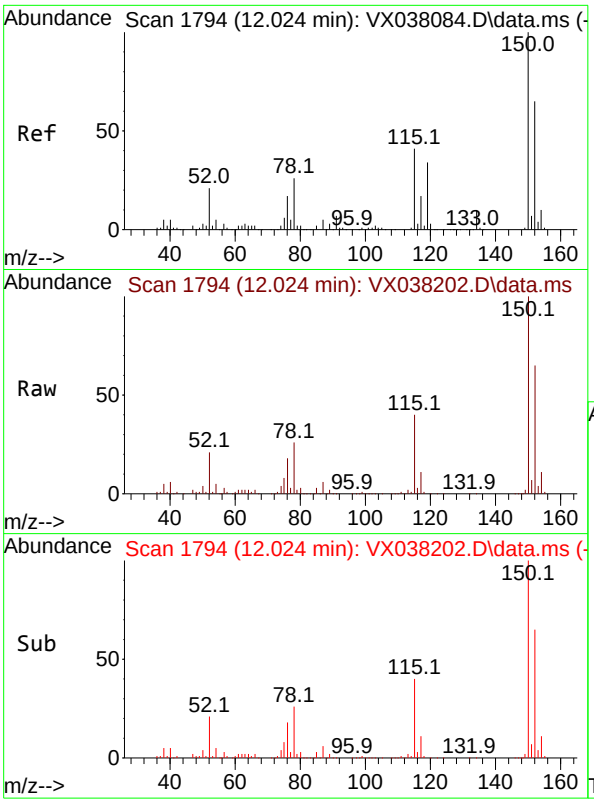


#68
m/p-Xylenes
Concen: 1.602 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX038202.D
Acq: 10 Oct 2023 15:33

Tgt Ion:106 Resp: 4379

Ion	Ratio	Lower	Upper
106	100		
91	212.9	165.5	248.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038202.D
Acq: 10 Oct 2023 15:33

Instrument :
MSVOA_X
ClientSampleId :
GW-4-23-26

Tgt Ion:152 Resp: 98171

Ion	Ratio	Lower	Upper
152	100		
115	61.8	43.3	129.9
150	155.6	0.0	345.0