Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100422\
Data File : VX031875.D
Acq On : 04 Oct 2022 17:29
Operator : JC/MD
Sample : N4971-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-01-100322

Quant Time: Oct 05 06:26:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 06:59:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	134408	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	182497	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93864	38.980	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 77.960%			
35) Dibromofluoromethane	5.385	113	97661	45.041	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 90.080%			
50) Toluene-d8	8.647	98	341252	43.995	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 88.000%			
62) 4-Bromofluorobenzene	11.079	95	120170	43.022	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 86.040%			
Target Compounds						Qvalue
67) Ethyl Benzene	10.195	91	2639	0.275	ug/l	89
68) m/p-Xylenes	10.299	106	2712	0.686	ug/l	88
80) 1,3,5-Trimethylbenzene	11.451	105	1709	0.218	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	4969	0.636	ug/l	96

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

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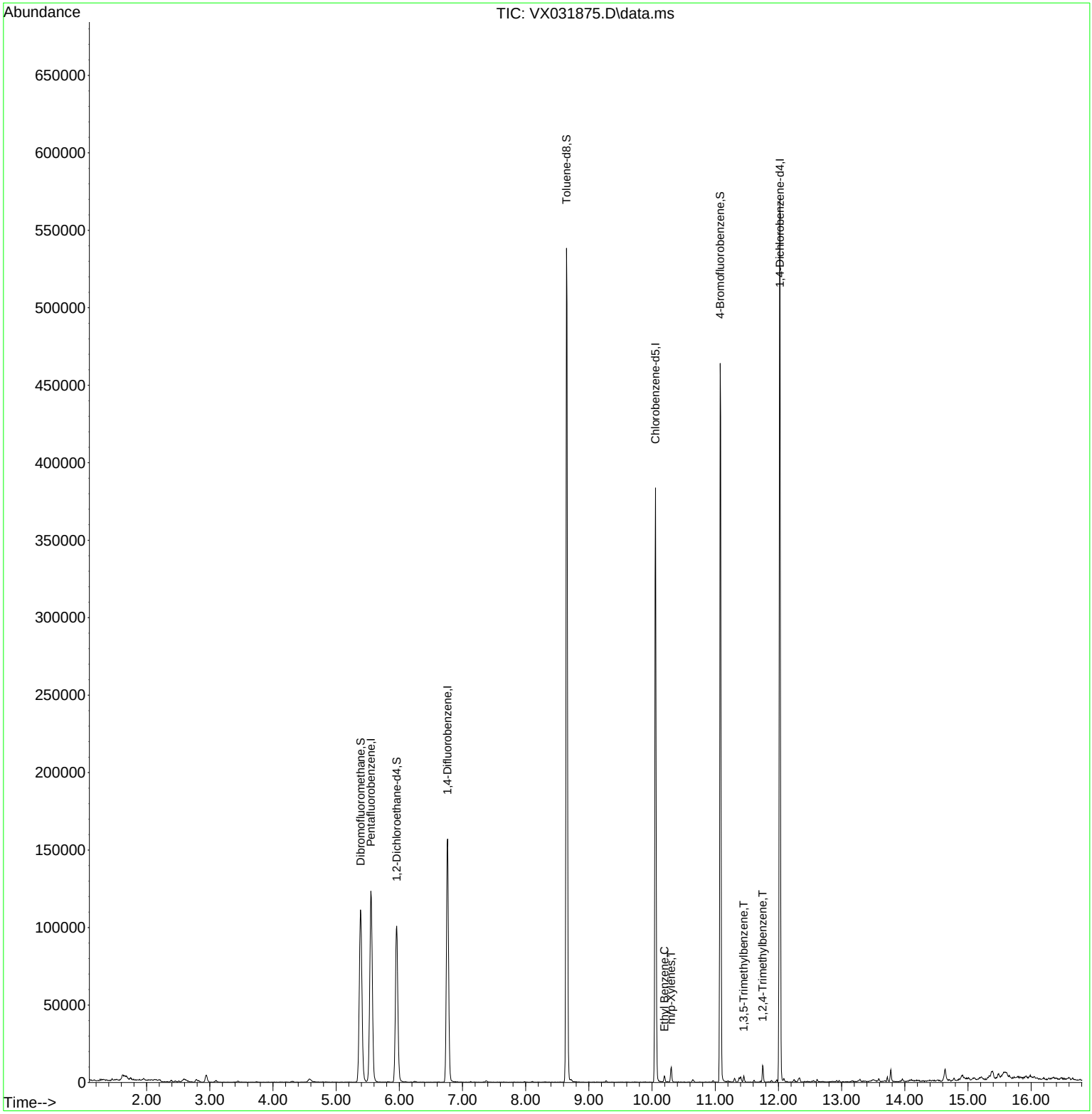
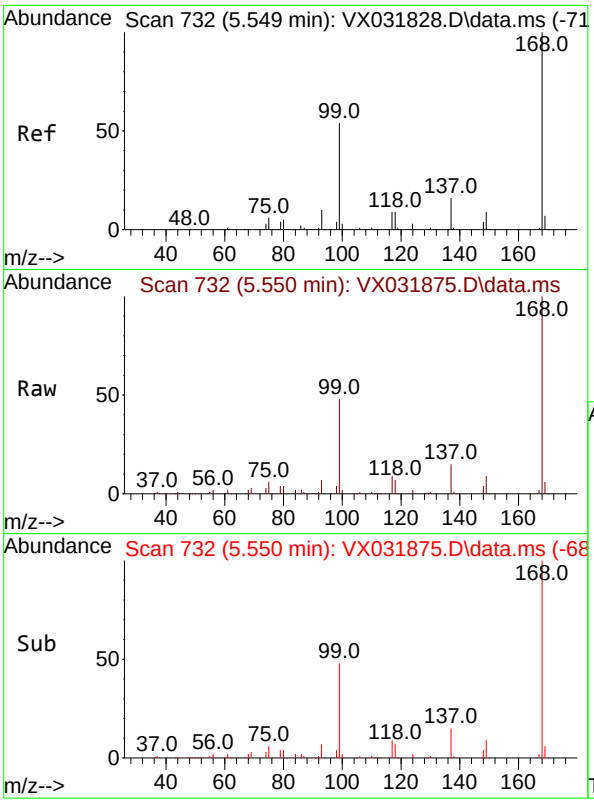


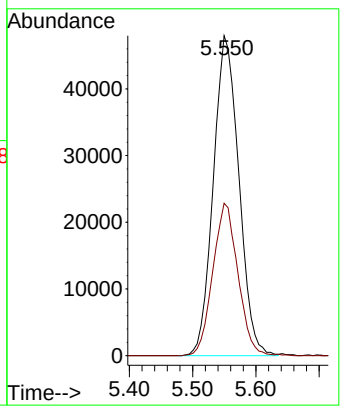


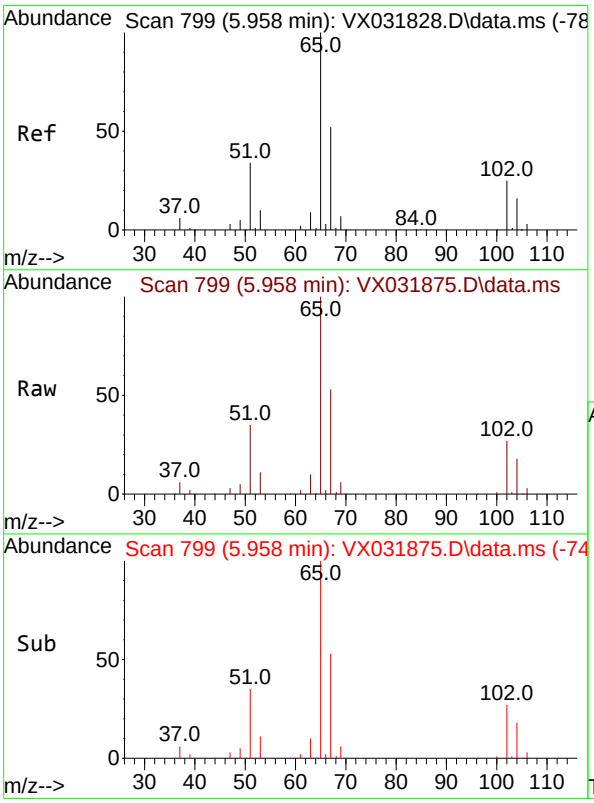
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX031875.D
Acq: 04 Oct 2022 17:29

Instrument :
MSVOA_X
ClientSampleId :
TB-01-100322

Tgt Ion:168 Resp: 134408

Ion	Ratio	Lower	Upper
168	100		
99	47.7	48.8	73.2#

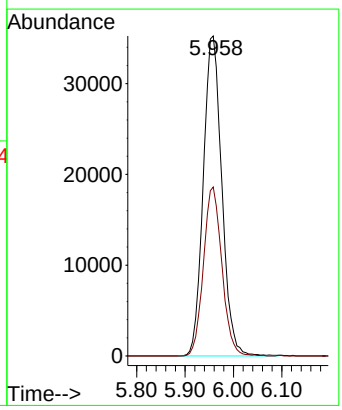


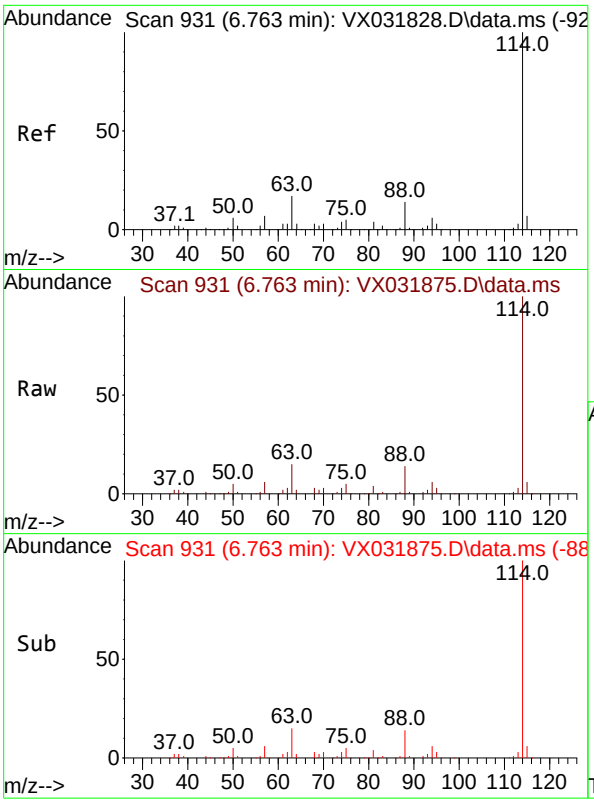


#33
1,2-Dichloroethane-d4
Concen: 38.980 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX031875.D
Acq: 04 Oct 2022 17:29

Tgt Ion: 65 Resp: 93864

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	102.4



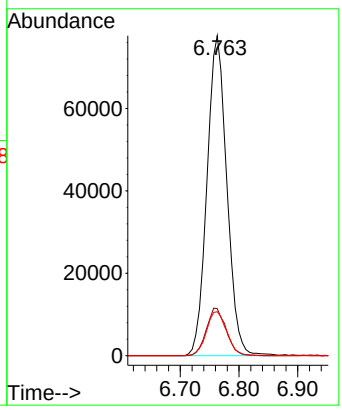


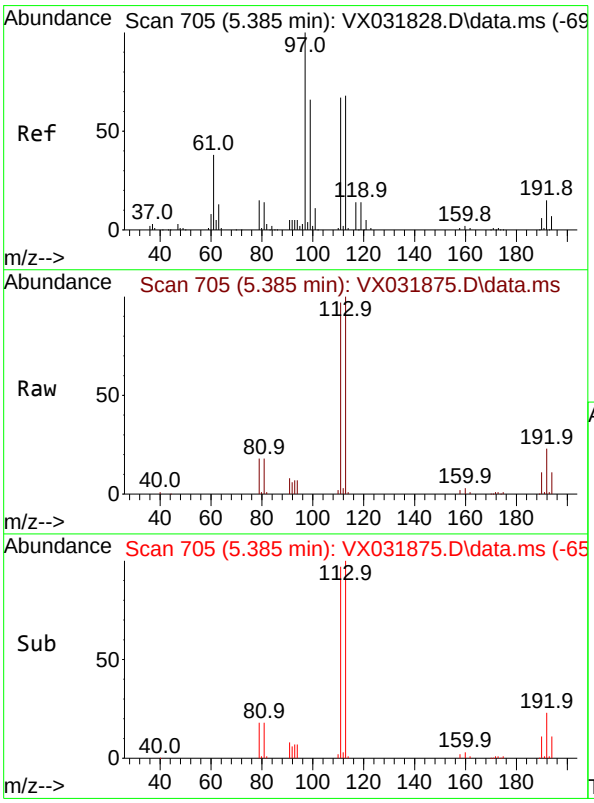
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX031875.D
Acq: 04 Oct 2022 17:29

Instrument :
MSVOA_X
ClientSampleId :
TB-01-100322

Tgt Ion:114 Resp: 182497

Ion	Ratio	Lower	Upper
114	100		
63	14.7	0.0	42.6
88	13.8	0.0	33.0

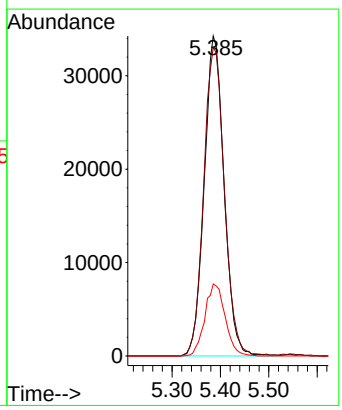


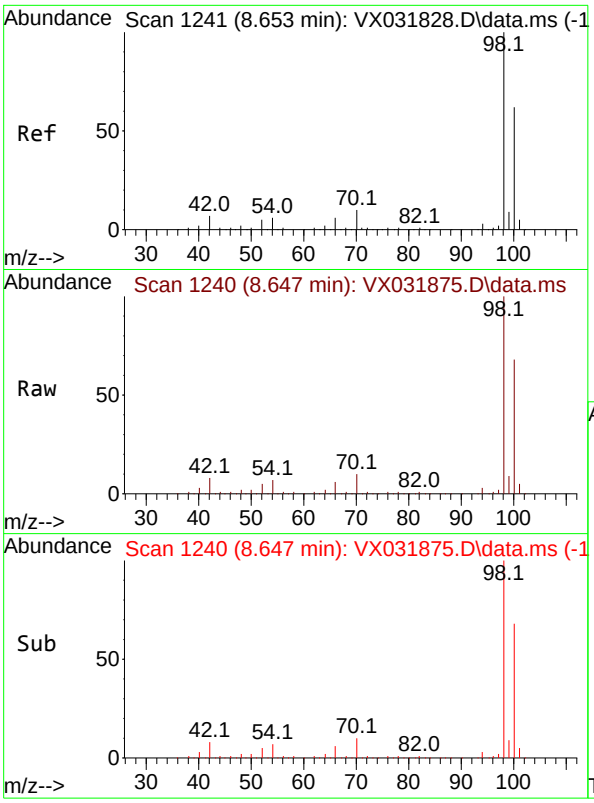


#35
Dibromofluoromethane
Concen: 45.041 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031875.D
Acq: 04 Oct 2022 17:29

Tgt Ion:113 Resp: 97661

Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.4	123.6
192	23.0	14.1	21.1#



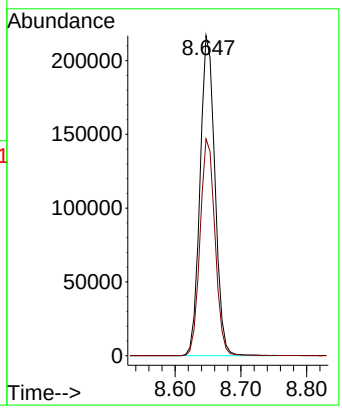


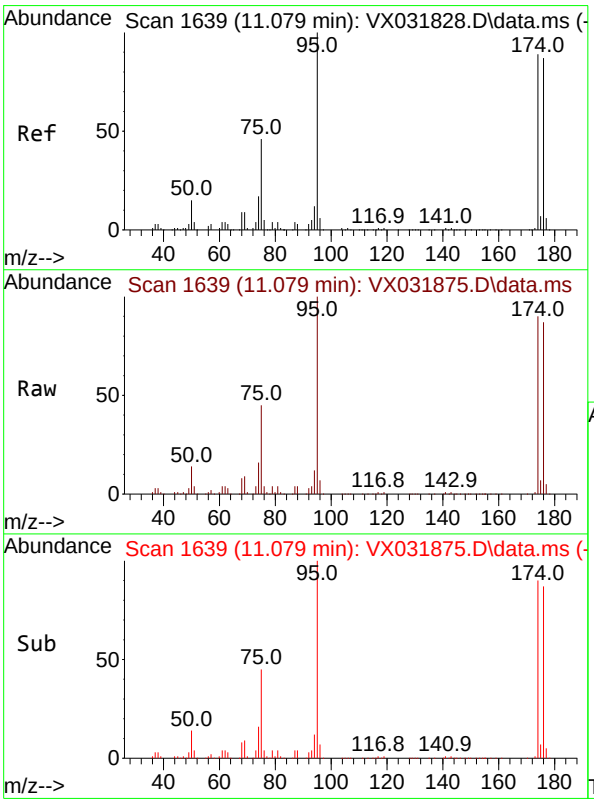
#50
Toluene-d8
Concen: 43.995 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX031875.D
Acq: 04 Oct 2022 17:29

Instrument :
MSVOA_X
ClientSampleId :
TB-01-100322

Tgt Ion: 98 Resp: 341252

Ion	Ratio	Lower	Upper
98	100		
100	67.9	52.5	78.7

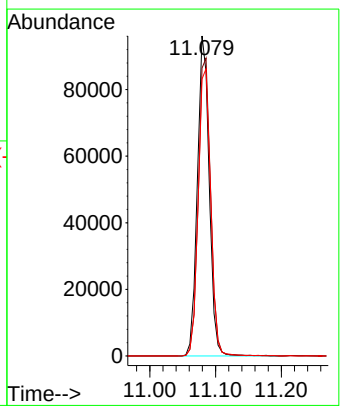


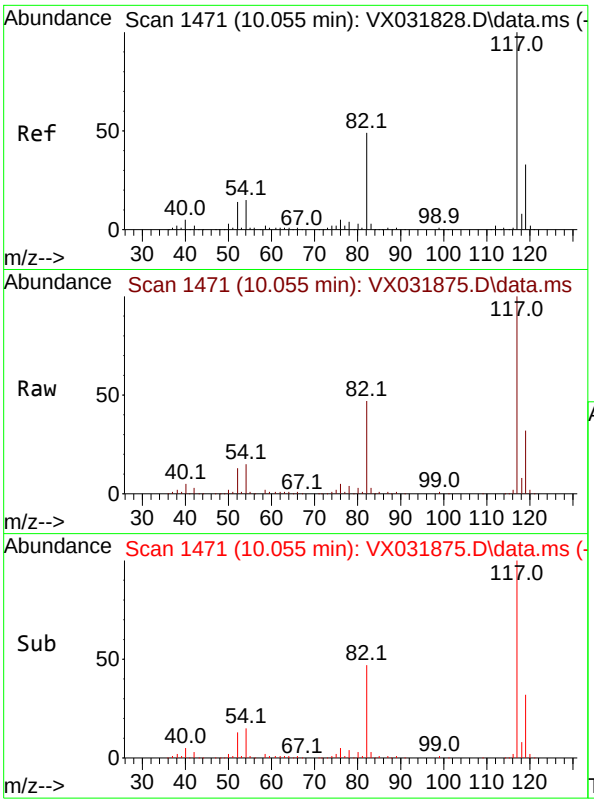


#62
4-Bromofluorobenzene
Concen: 43.022 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031875.D
Acq: 04 Oct 2022 17:29

Tgt Ion: 95 Resp: 120170

Ion	Ratio	Lower	Upper
95	100		
174	96.9	0.0	153.2
176	94.7	0.0	144.0



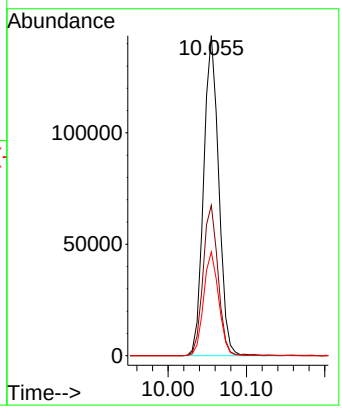


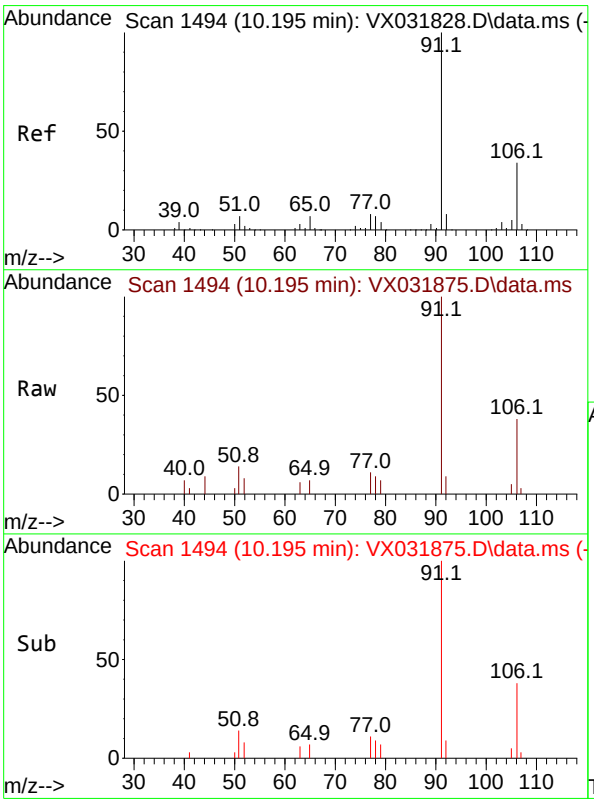
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX031875.D
Acq: 04 Oct 2022 17:29

Instrument :
MSVOA_X
ClientSampleId :
TB-01-100322

Tgt Ion:117 Resp: 191942

Ion	Ratio	Lower	Upper
117	100		
82	47.0	46.8	70.2
119	32.5	26.4	39.6

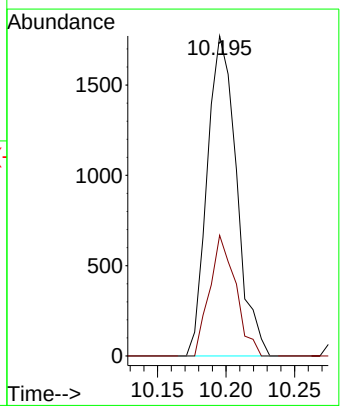


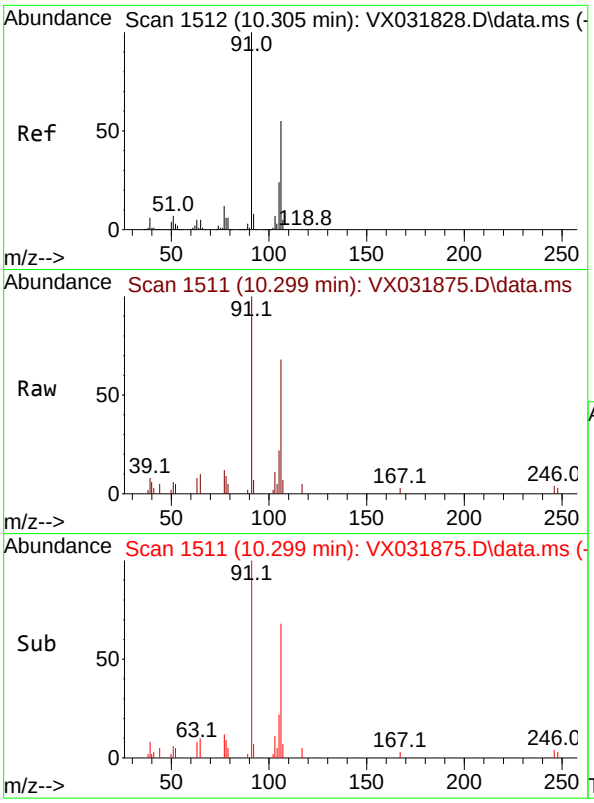


#67
Ethyl Benzene
Concen: 0.275 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031875.D
Acq: 04 Oct 2022 17:29

Tgt Ion: 91 Resp: 2639

Ion	Ratio	Lower	Upper
91	100		
106	37.7	25.2	37.8



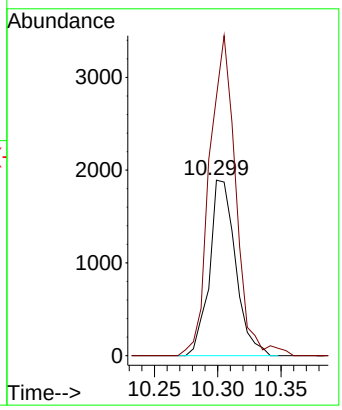


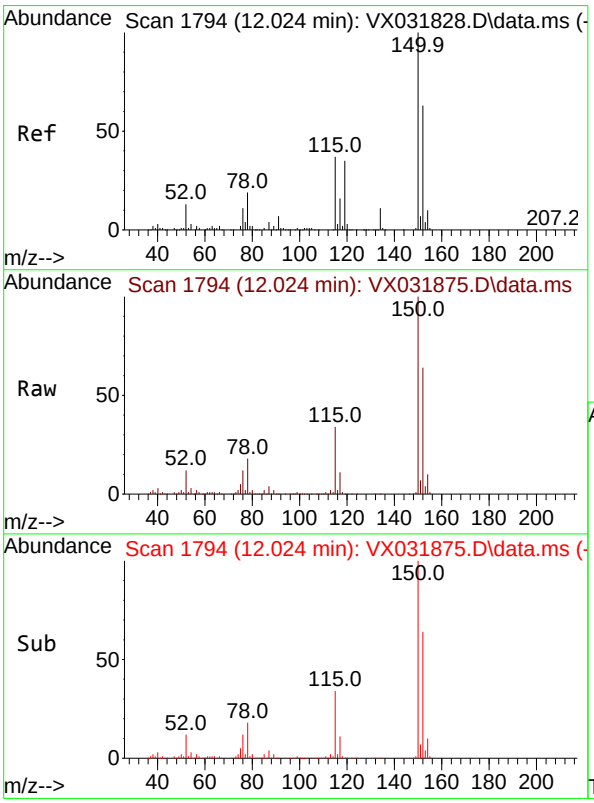
#68
m/p-Xylenes
Concen: 0.686 ug/l
RT: 10.299 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX031875.D
Acq: 04 Oct 2022 17:29

Instrument :
MSVOA_X
ClientSampleId :
TB-01-100322

Tgt Ion:106 Resp: 2712

Ion	Ratio	Lower	Upper
106	100		
91	183.4	161.0	241.4

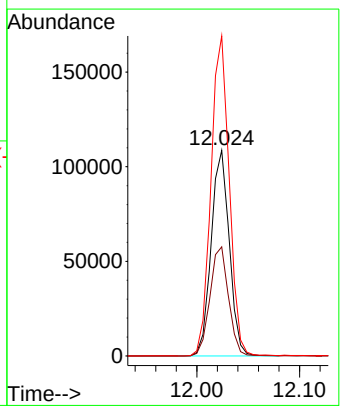


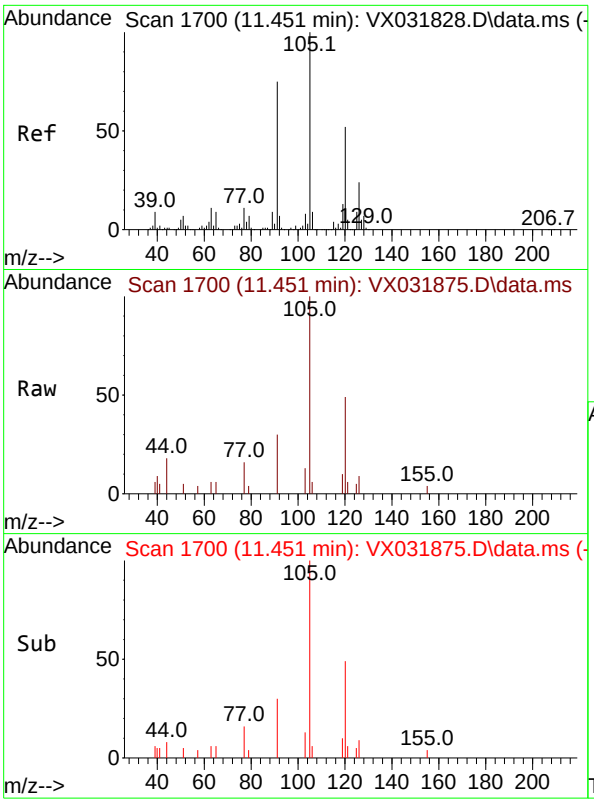


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031875.D
Acq: 04 Oct 2022 17:29

Tgt Ion:152 Resp: 133122

Ion	Ratio	Lower	Upper
152	100		
115	54.6	43.4	130.1
150	156.6	0.0	346.8



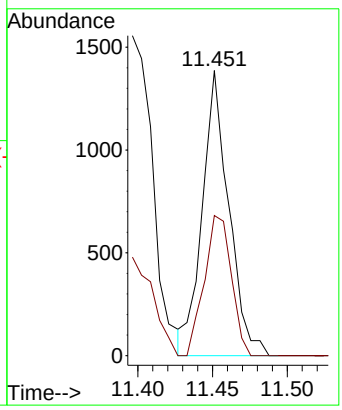


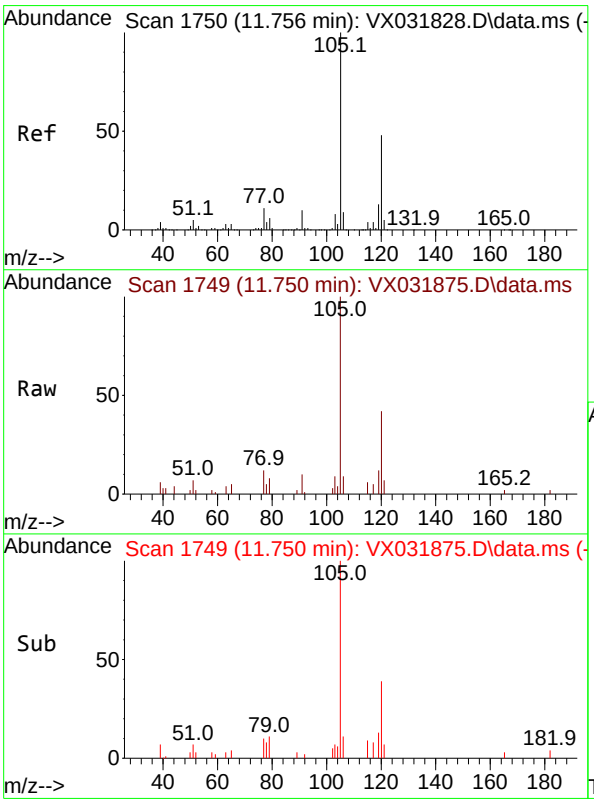
#80
1,3,5-Trimethylbenzene
Concen: 0.218 ug/l
RT: 11.451 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031875.D
Acq: 04 Oct 2022 17:29

Instrument :
MSVOA_X
ClientSampleId :
TB-01-100322

Tgt Ion:105 Resp: 1709

Ion	Ratio	Lower	Upper
105	100		
120	50.0	24.5	73.5





#84
1,2,4-Trimethylbenzene
Concen: 0.636 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX031875.D
Acq: 04 Oct 2022 17:29

Tgt Ion:105 Resp: 4969

Ion	Ratio	Lower	Upper
105	100		
120	47.7	22.6	67.8