Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100322\
Data File : VX031845.D
Acq On : 03 Oct 2022 19:48
Operator : JC/MD
Sample : N4860-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-2R

Quant Time: Oct 04 07:11:07 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	5.556	168	77489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	121997	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75949	54.708	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.420%			
35) Dibromofluoromethane	5.385	113	69144	47.703	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.400%			
50) Toluene-d8	8.653	98	239557	46.200	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.400%			
62) 4-Bromofluorobenzene	11.079	95	80219	42.962	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 85.920%			
Target Compounds						Qvalue
73) Isopropylbenzene	10.963	105	3828	0.750	ug/l	100
83) tert-Butylbenzene	11.713	119	1892	0.439	ug/l	87
85) sec-Butylbenzene	11.890	105	4449	0.858	ug/l	88

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

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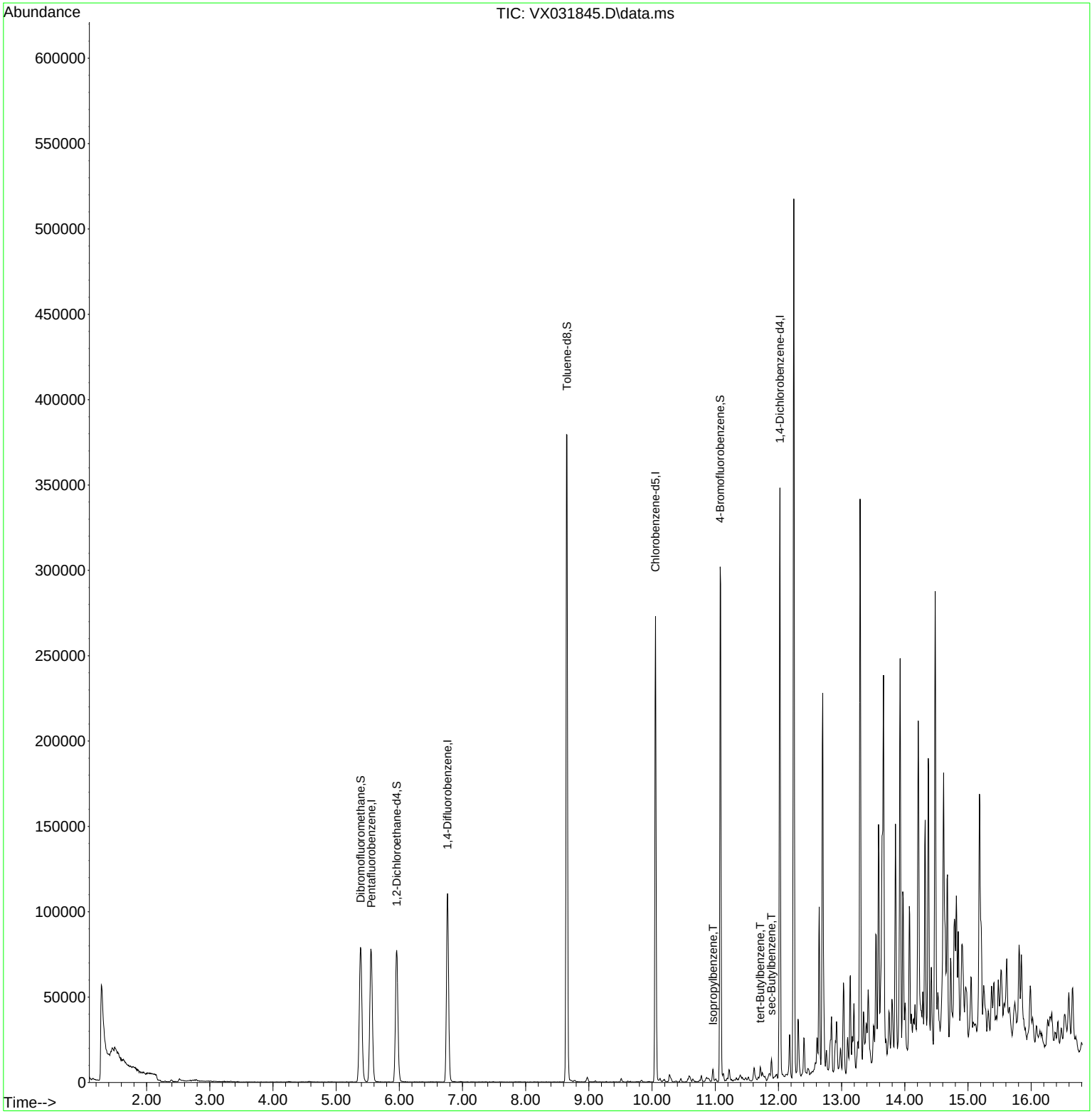
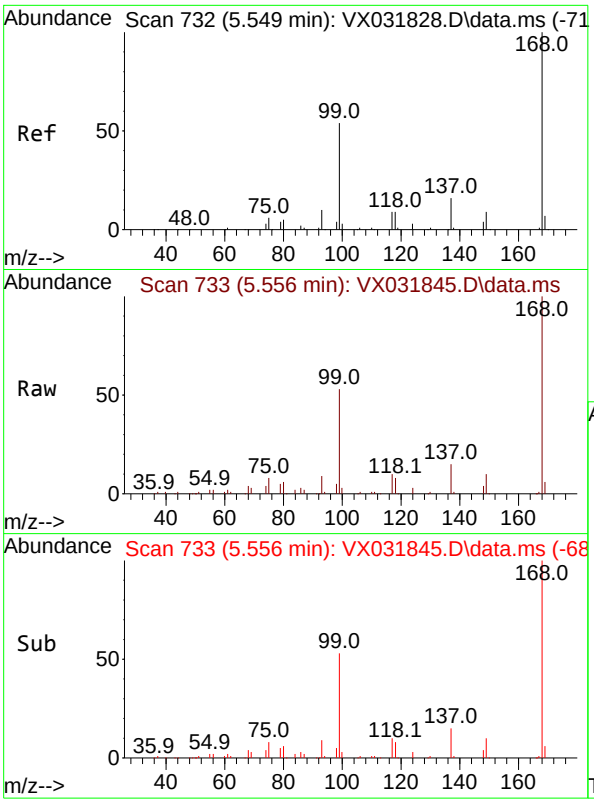


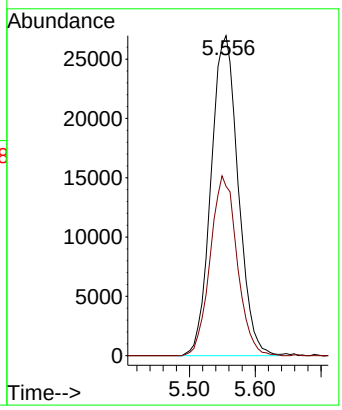


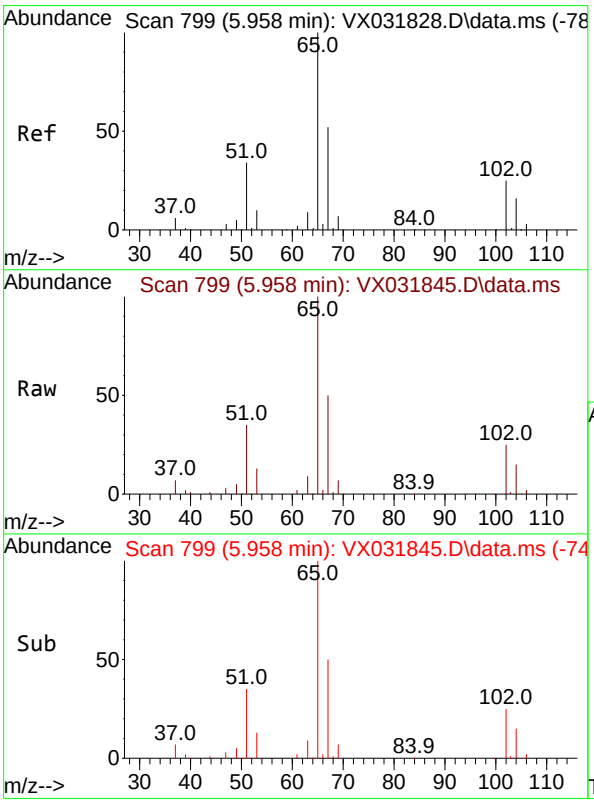
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX031845.D
Acq: 03 Oct 2022 19:48

Instrument :
MSVOA_X
ClientSampleId :
MW-2R

Tgt Ion:168 Resp: 77489

Ion	Ratio	Lower	Upper
168	100		
99	53.0	48.8	73.2

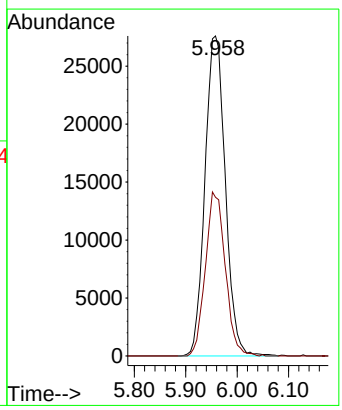


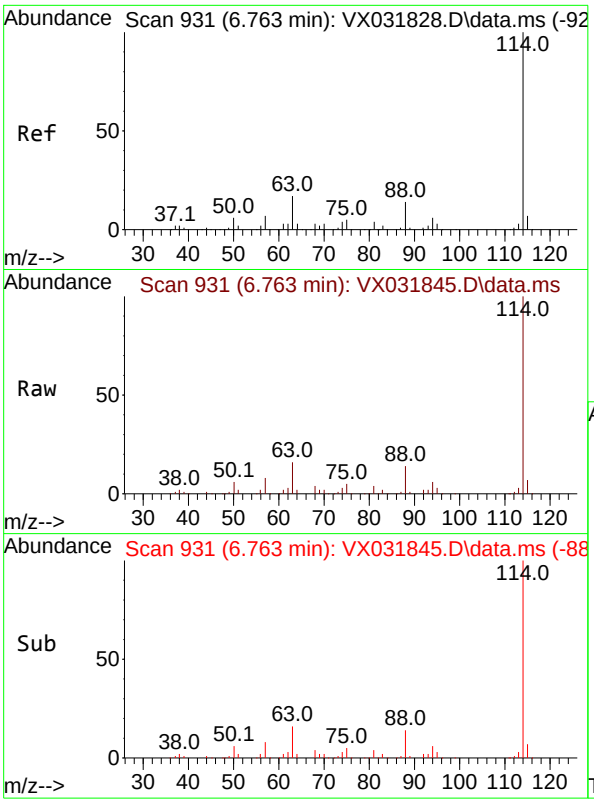


#33
1,2-Dichloroethane-d4
Concen: 54.708 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX031845.D
Acq: 03 Oct 2022 19:48

Tgt Ion: 65 Resp: 75949

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	102.4



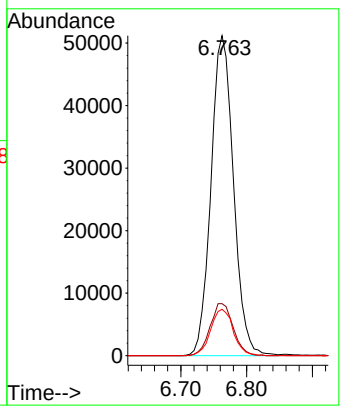


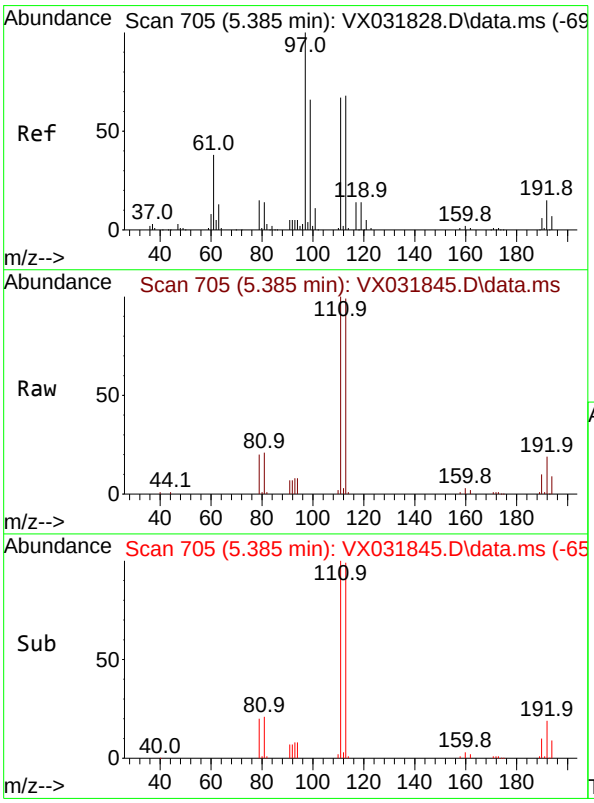
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX031845.D
Acq: 03 Oct 2022 19:48

Instrument :
MSVOA_X
ClientSampleId :
MW-2R

Tgt Ion:114 Resp: 121997

Ion	Ratio	Lower	Upper
114	100		
63	16.3	0.0	42.6
88	14.5	0.0	33.0

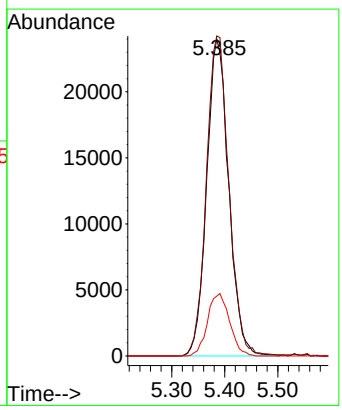


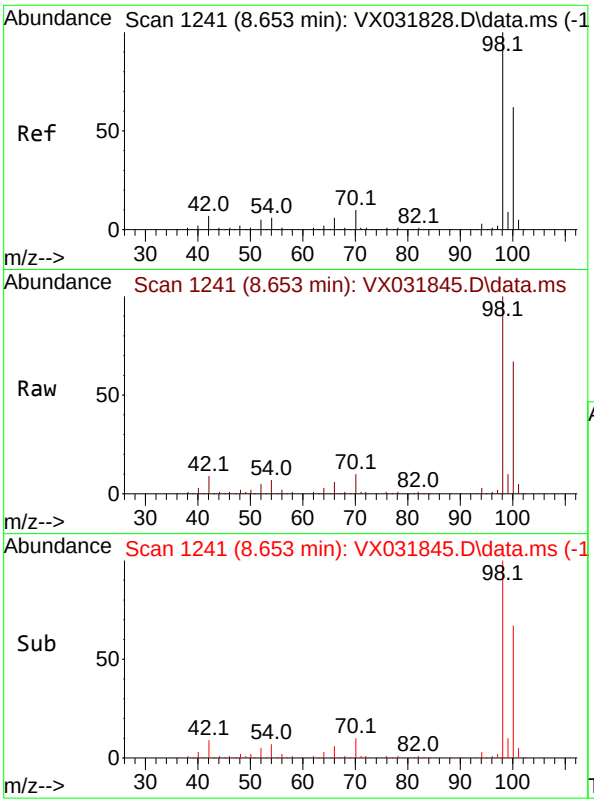


#35
Dibromofluoromethane
Concen: 47.703 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX031845.D
Acq: 03 Oct 2022 19:48

Tgt Ion:113 Resp: 69144

Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.4	123.6
192	19.8	14.1	21.1



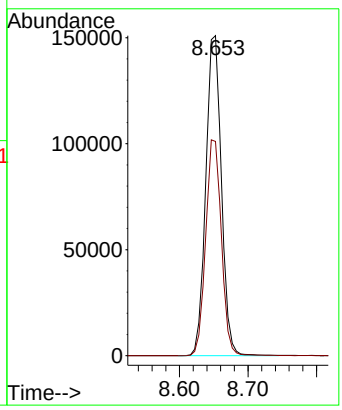


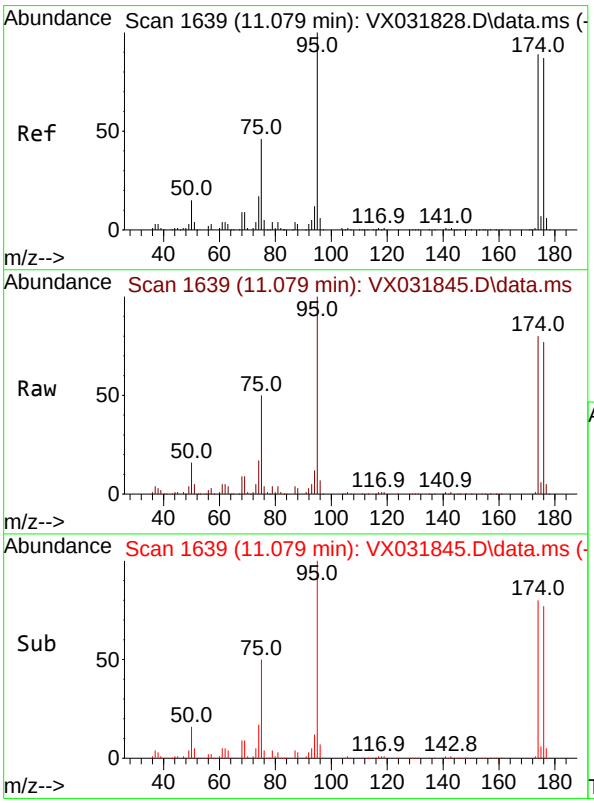
#50
Toluene-d8
Concen: 46.200 ug/l
RT: 8.653 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX031845.D
Acq: 03 Oct 2022 19:48

Instrument :
MSVOA_X
ClientSampleId :
MW-2R

Tgt Ion: 98 Resp: 239557

Ion	Ratio	Lower	Upper
98	100		
100	67.8	52.5	78.7

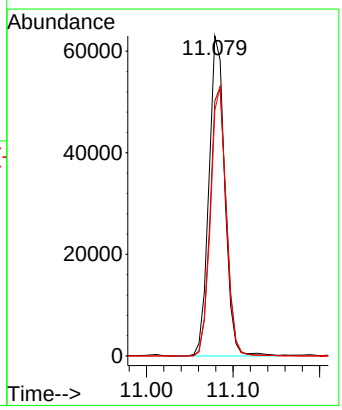


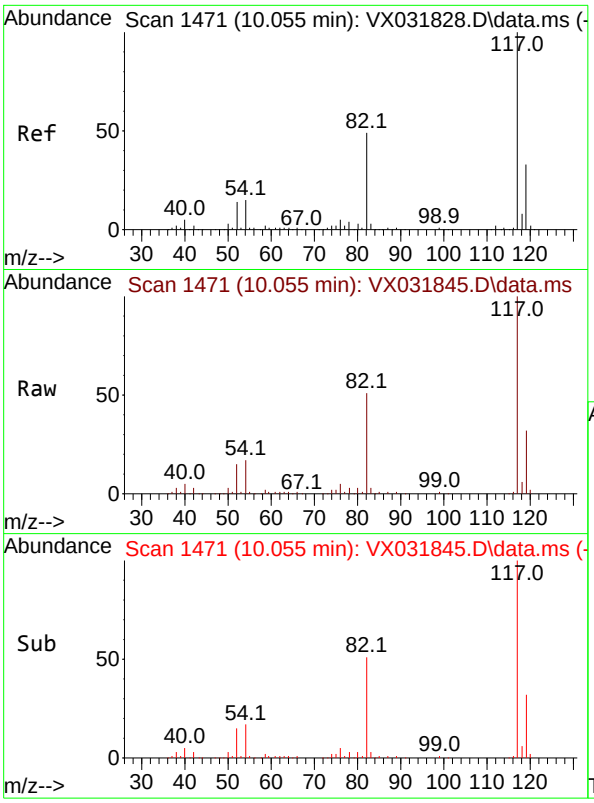


#62
4-Bromofluorobenzene
Concen: 42.962 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031845.D
Acq: 03 Oct 2022 19:48

Tgt Ion: 95 Resp: 80219

Ion	Ratio	Lower	Upper
95	100		
174	85.5	0.0	153.2
176	82.7	0.0	144.0



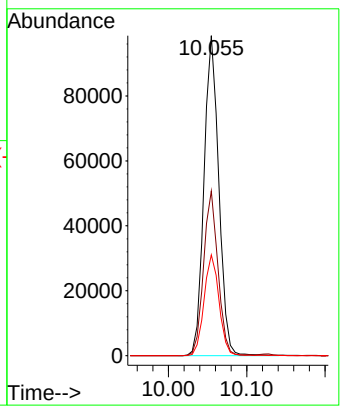


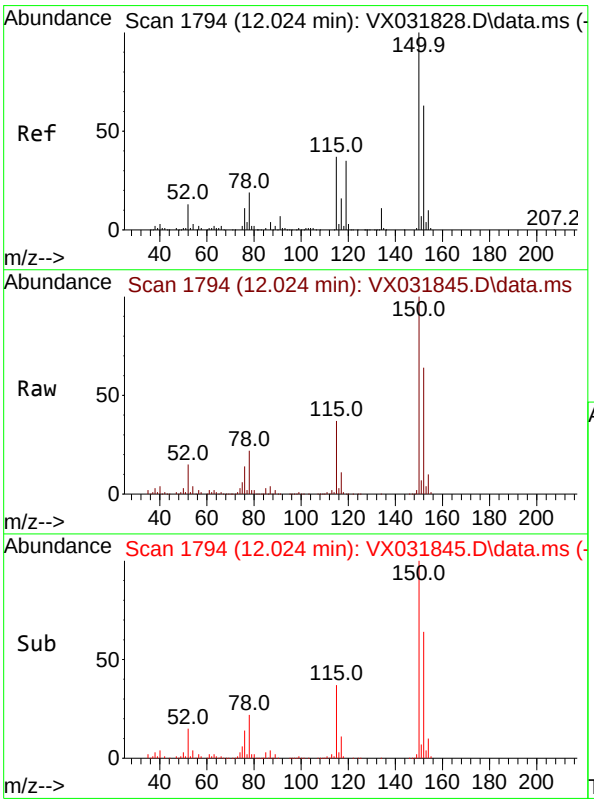
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX031845.D
Acq: 03 Oct 2022 19:48

Instrument :
MSVOA_X
ClientSampleId :
MW-2R

Tgt Ion:117 Resp: 128875

Ion	Ratio	Lower	Upper
117	100		
82	51.4	46.8	70.2
119	31.5	26.4	39.6

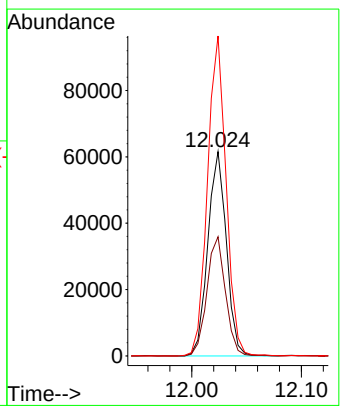


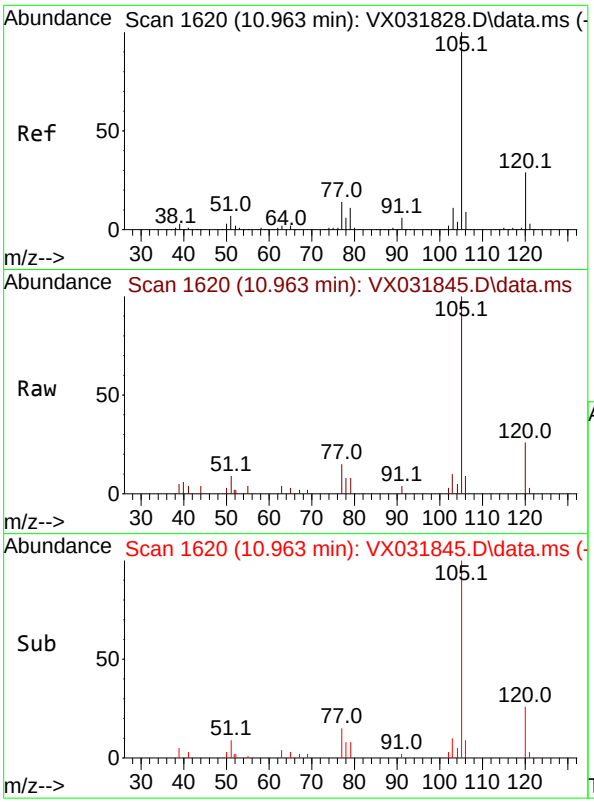


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031845.D
Acq: 03 Oct 2022 19:48

Tgt Ion:152 Resp: 72222

Ion	Ratio	Lower	Upper
152	100		
115	58.7	43.4	130.1
150	156.9	0.0	346.8



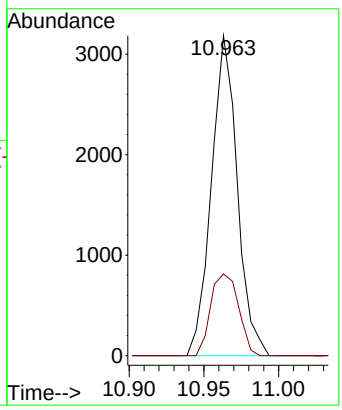


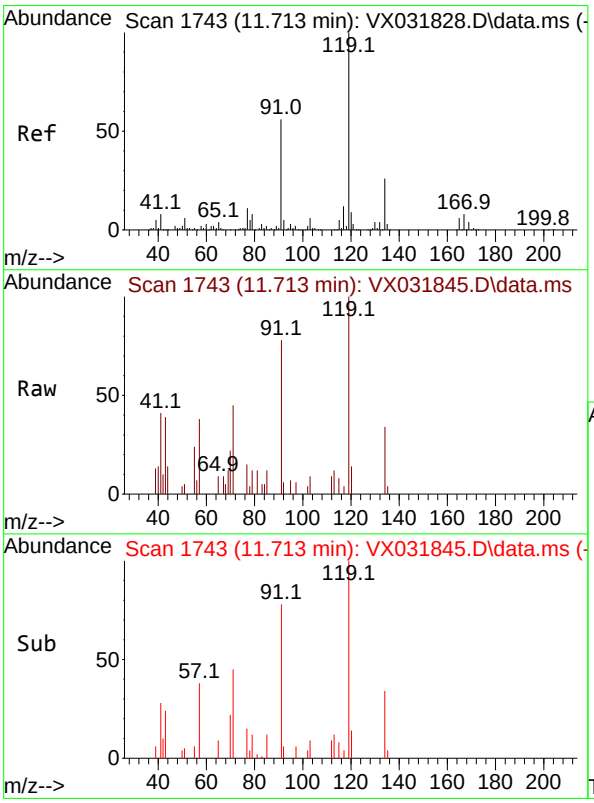
#73
Isopropylbenzene
Concen: 0.750 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031845.D
Acq: 03 Oct 2022 19:48

Instrument :
MSVOA_X
ClientSampleId :
MW-2R

Tgt Ion:105 Resp: 3828

Ion	Ratio	Lower	Upper
105	100		
120	27.5	13.7	41.0

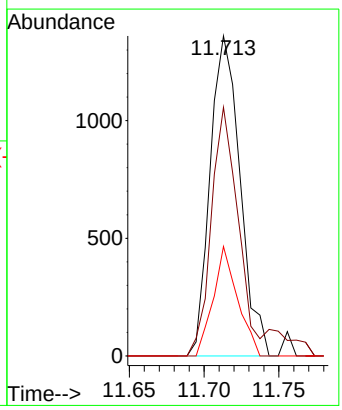


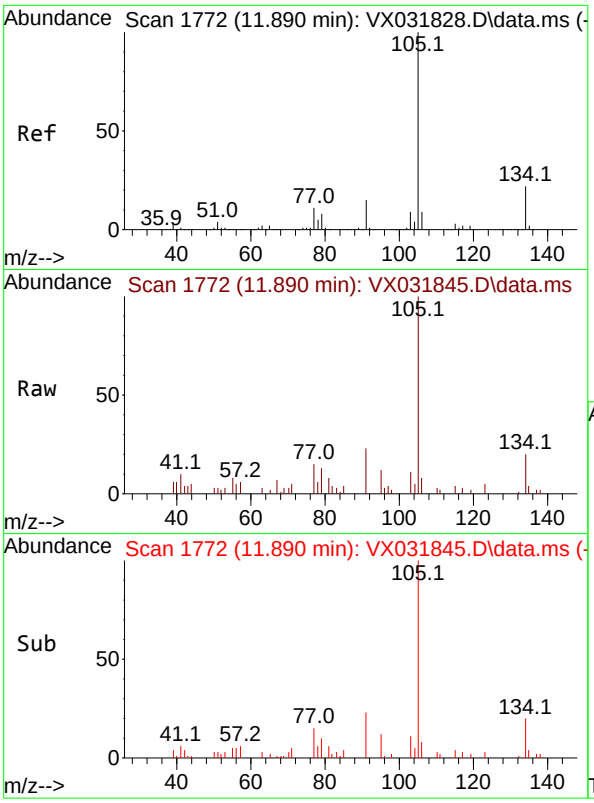


#83
tert-Butylbenzene
Concen: 0.439 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX031845.D
Acq: 03 Oct 2022 19:48

Tgt Ion:119 Resp: 1892

Ion	Ratio	Lower	Upper
119	100		
91	69.5	29.2	87.6
134	27.9	11.6	34.8





#85
sec-Butylbenzene
Concen: 0.858 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX031845.D
Acq: 03 Oct 2022 19:48

Instrument :
MSVOA_X
ClientSampleId :
MW-2R

Tgt Ion:105 Resp: 4449

Ion	Ratio	Lower	Upper
105	100		
134	26.5	10.4	31.1