Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
Data File : VX031570.D
Acq On : 22 Sep 2022 15:11
Operator : JC/MD
Sample : N4642-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-11R

Quant Time: Sep 23 01:49:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 09:45:29 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	70210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	116715	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	108668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71448	55.504	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.000%			
35) Dibromofluoromethane	5.385	113	61232	50.768	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.540%			
50) Toluene-d8	8.653	98	233967	50.315	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.640%			
62) 4-Bromofluorobenzene	11.079	95	73464	46.641	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.280%			
Target Compounds						Qvalue
40) Benzene	6.031	78	3400	0.614	ug/l	92
67) Ethyl Benzene	10.201	91	1553	0.262	ug/l #	83
73) Isopropylbenzene	10.963	105	8193	2.153	ug/l	98
78) n-propylbenzene	11.305	91	3818	0.872	ug/l	96
85) sec-Butylbenzene	11.890	105	3502	0.884	ug/l #	67

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

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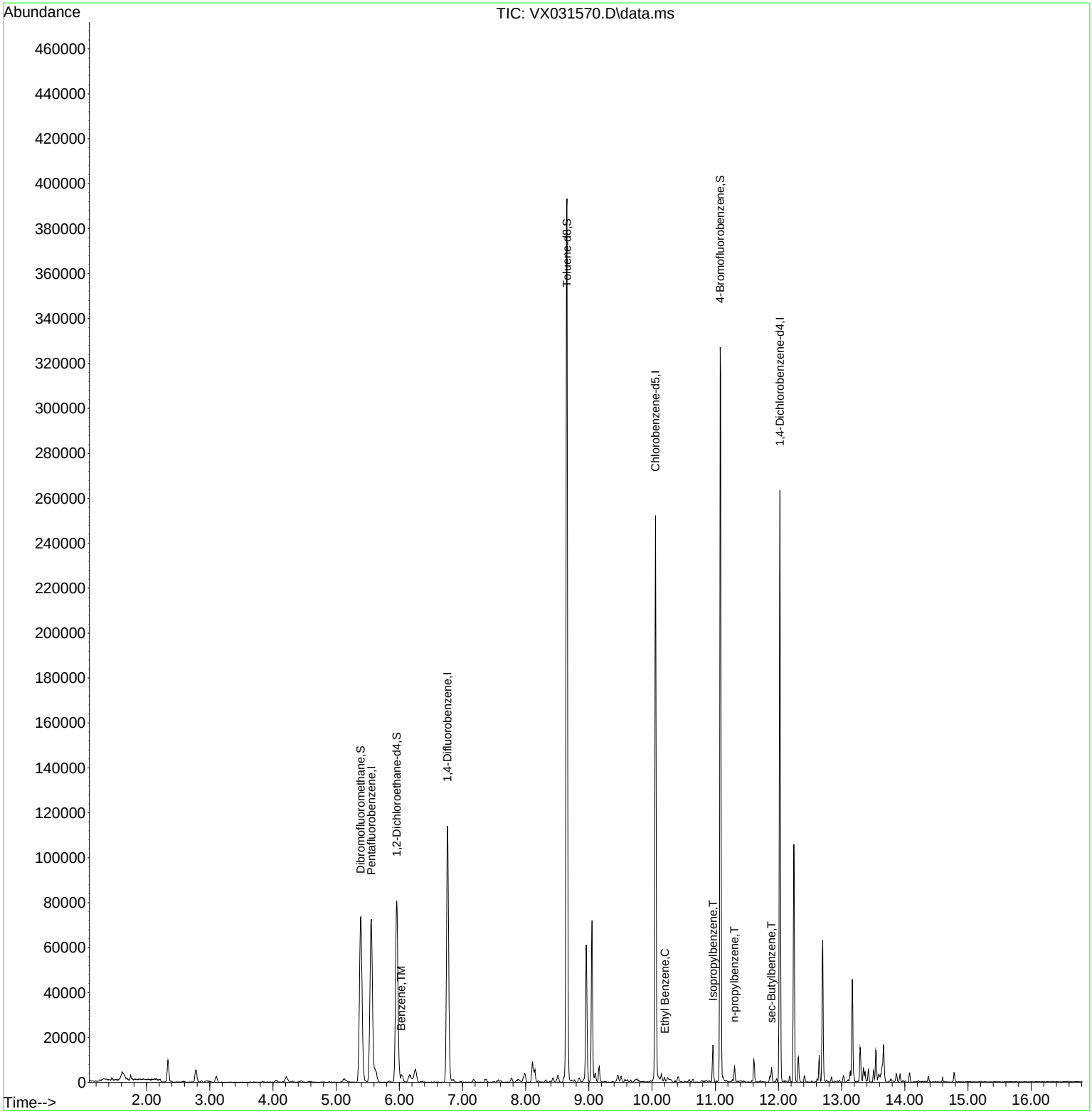
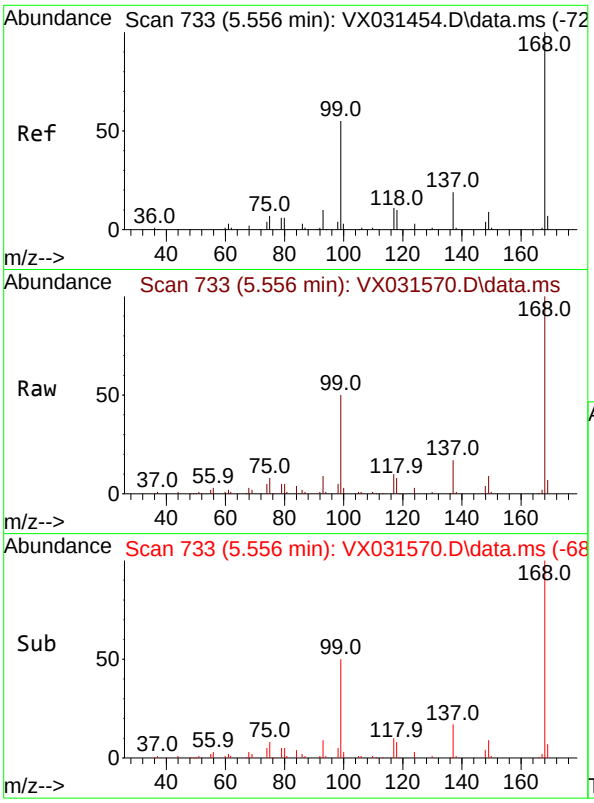


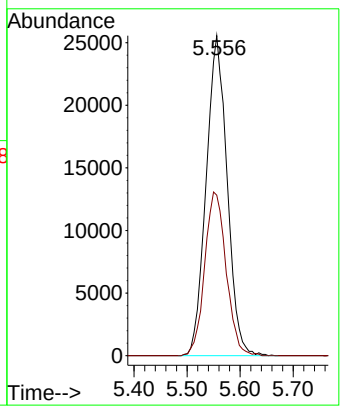


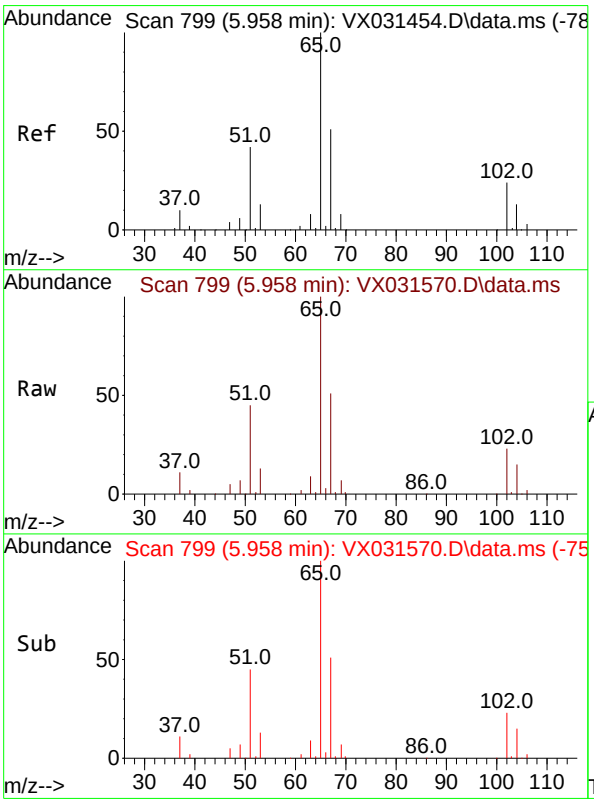
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX031570.D
Acq: 22 Sep 2022 15:11

Instrument :
MSVOA_X
ClientSampleId :
MW-11R

Tgt Ion:168 Resp: 70210

Ion	Ratio	Lower	Upper
168	100		
99	50.2	48.8	73.2

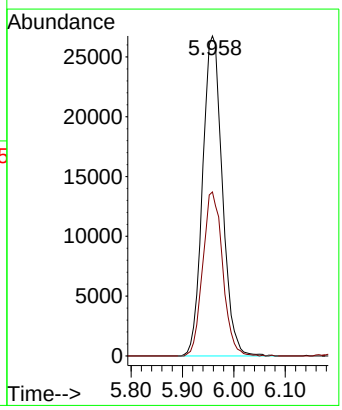


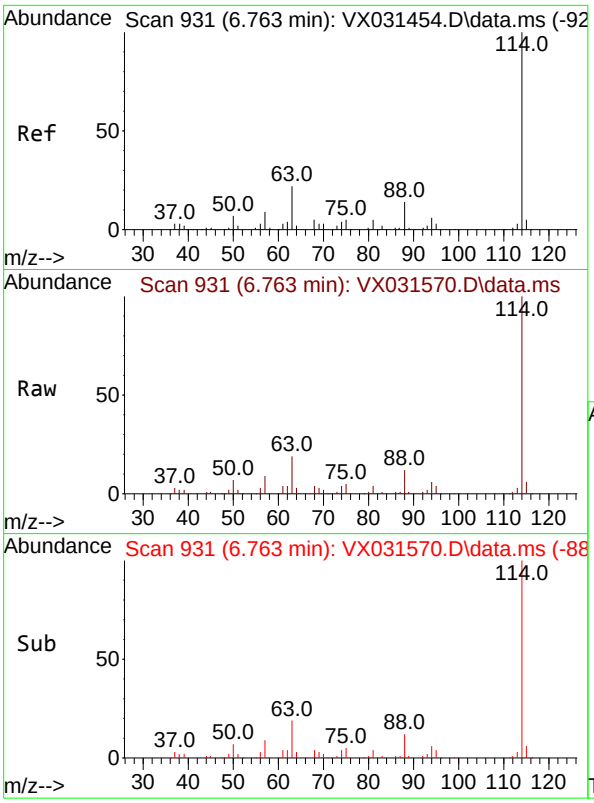


#33
1,2-Dichloroethane-d4
Concen: 55.504 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031570.D
Acq: 22 Sep 2022 15:11

Tgt Ion: 65 Resp: 71448

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	102.4



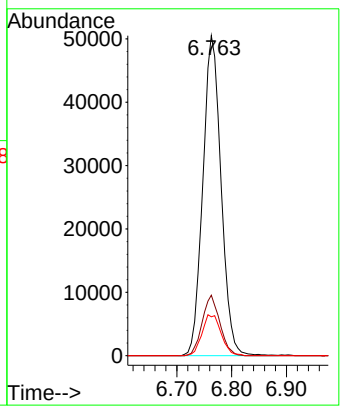


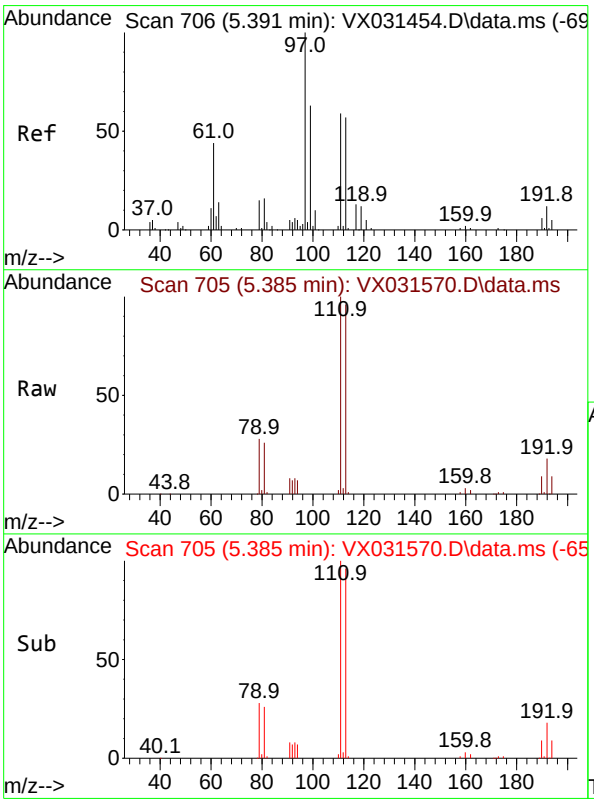
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX031570.D
Acq: 22 Sep 2022 15:11

Instrument :
MSVOA_X
ClientSampleId :
MW-11R

Tgt Ion:114 Resp: 116715

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	42.6
88	12.1	0.0	33.0

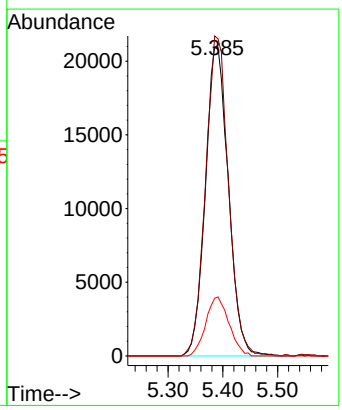


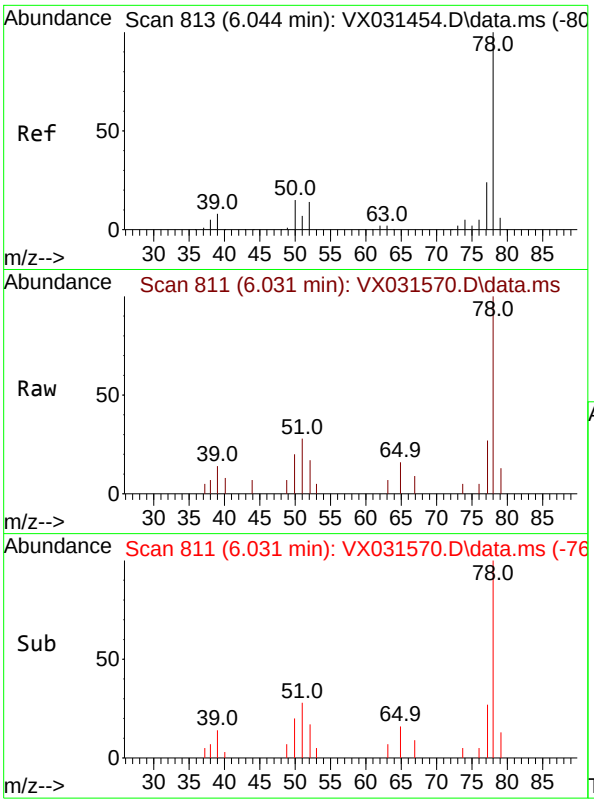


#35
Dibromofluoromethane
Concen: 50.768 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031570.D
Acq: 22 Sep 2022 15:11

Tgt Ion:113 Resp: 61232

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.4	123.6
192	19.2	14.1	21.1



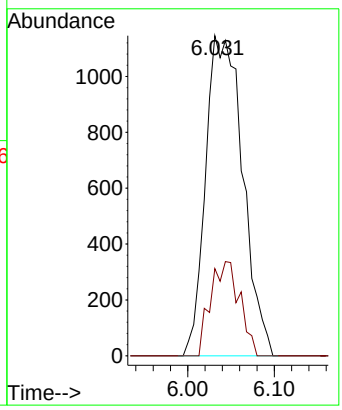


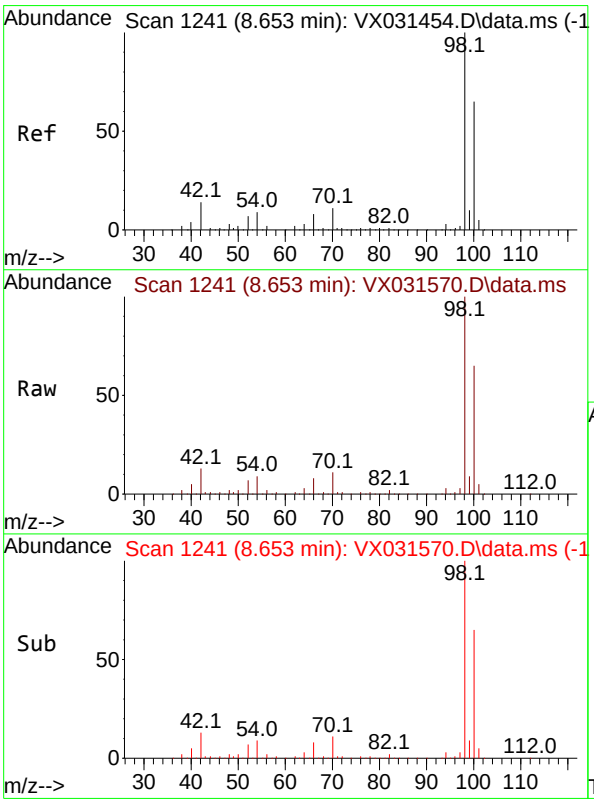
#40
Benzene
Concen: 0.614 ug/l
RT: 6.031 min Scan# 8
Delta R.T. -0.013 min
Lab File: VX031570.D
Acq: 22 Sep 2022 15:11

Instrument :
MSVOA_X
ClientSampleId :
MW-11R

Tgt Ion: 78 Resp: 3400

Ion	Ratio	Lower	Upper
78	100		
77	27.2	18.7	28.1

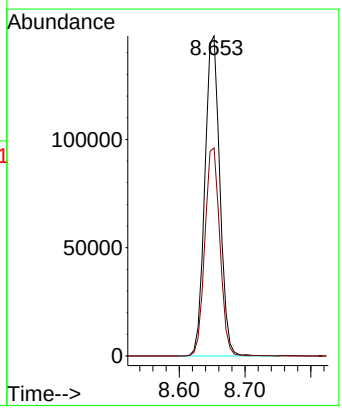


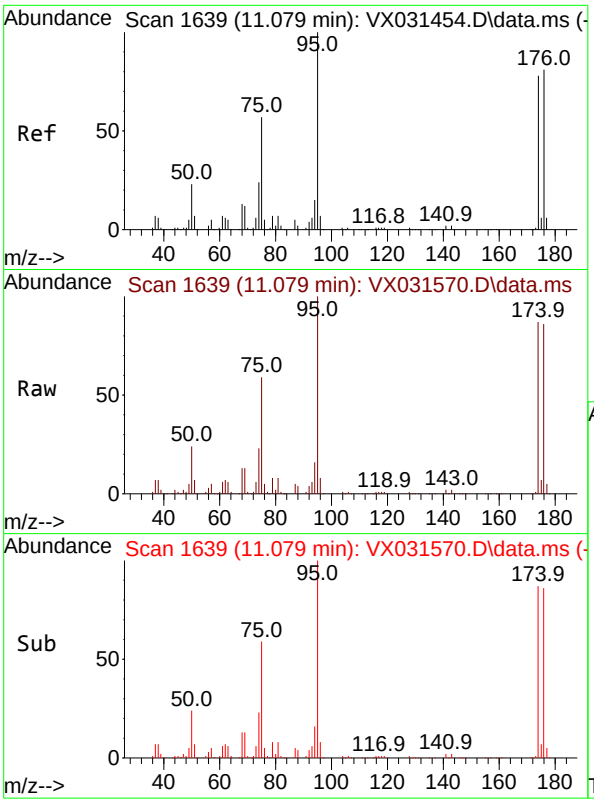


#50
Toluene-d8
Concen: 50.315 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031570.D
Acq: 22 Sep 2022 15:11

Tgt Ion: 98 Resp: 233967

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.5	78.7



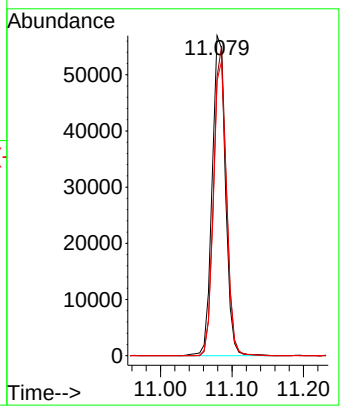


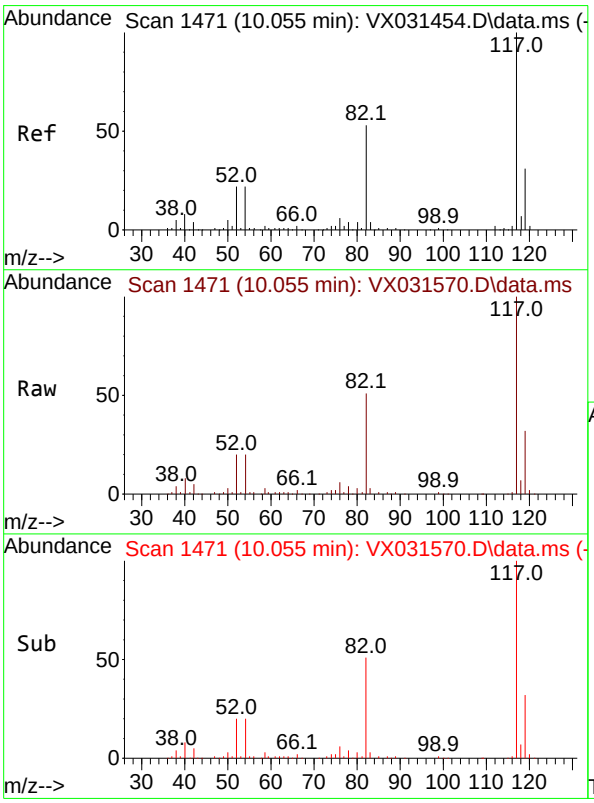
#62
4-Bromofluorobenzene
Concen: 46.641 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031570.D
Acq: 22 Sep 2022 15:11

Instrument :
MSVOA_X
ClientSampleId :
MW-11R

Tgt Ion: 95 Resp: 73464

Ion	Ratio	Lower	Upper
95	100		
174	92.7	0.0	153.2
176	89.6	0.0	144.0

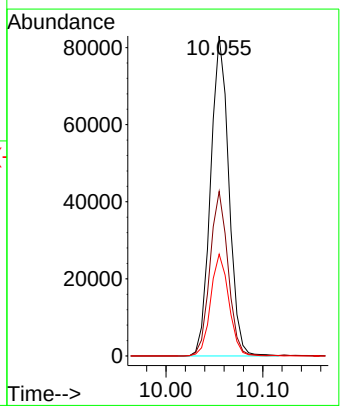


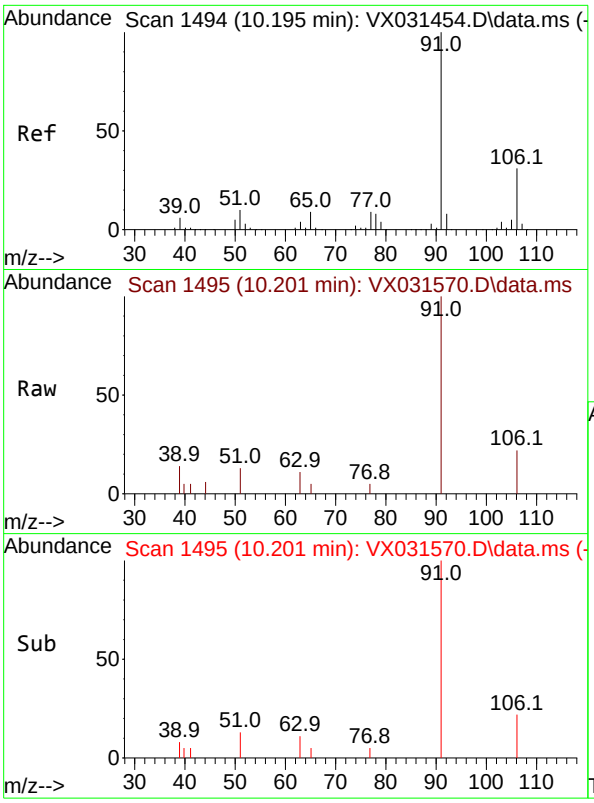


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031570.D
Acq: 22 Sep 2022 15:11

Tgt Ion:117 Resp: 108668

Ion	Ratio	Lower	Upper
117	100		
82	51.4	46.8	70.2
119	31.8	26.4	39.6



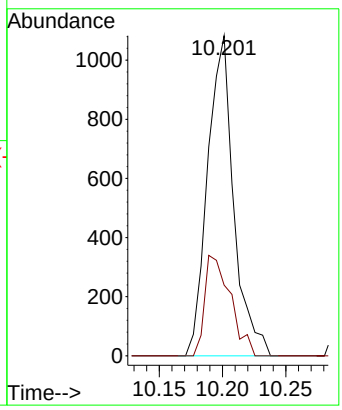


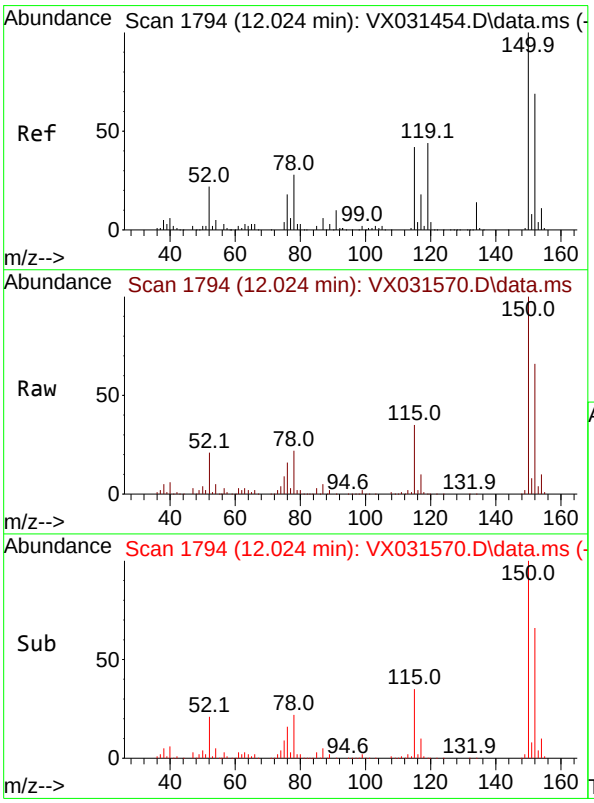
#67
Ethyl Benzene
Concen: 0.262 ug/l
RT: 10.201 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX031570.D
Acq: 22 Sep 2022 15:11

Instrument :
MSVOA_X
ClientSampleId :
MW-11R

Tgt Ion: 91 Resp: 1553

Ion	Ratio	Lower	Upper
91	100		
106	22.1	25.2	37.8#

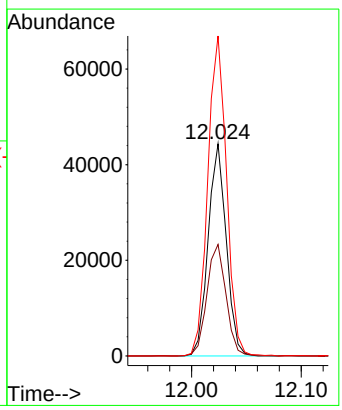


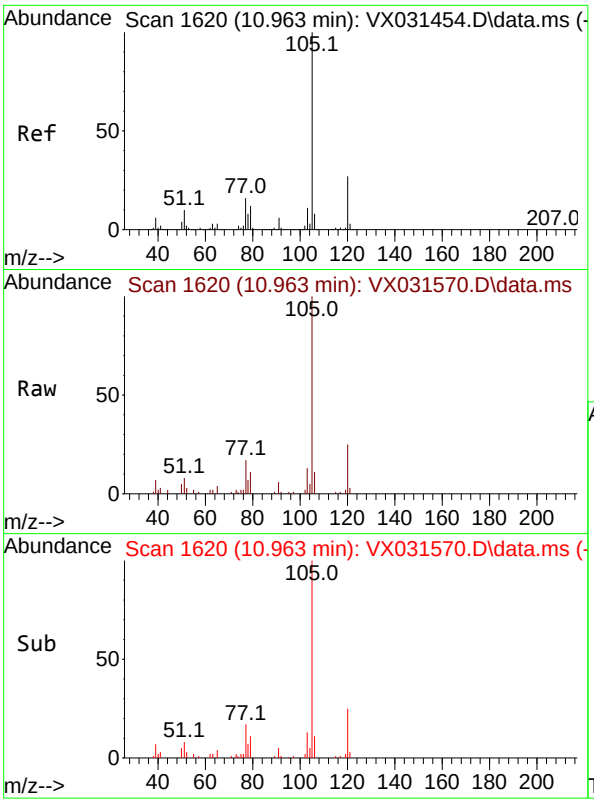


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031570.D
Acq: 22 Sep 2022 15:11

Tgt Ion:152 Resp: 50949

Ion	Ratio	Lower	Upper
152	100		
115	55.3	43.4	130.1
150	156.2	0.0	346.8



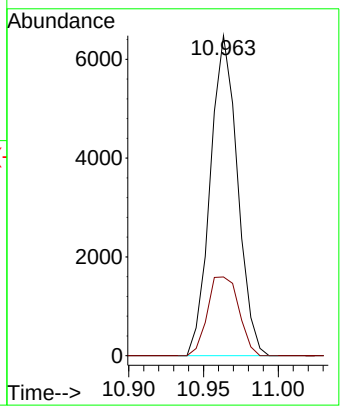


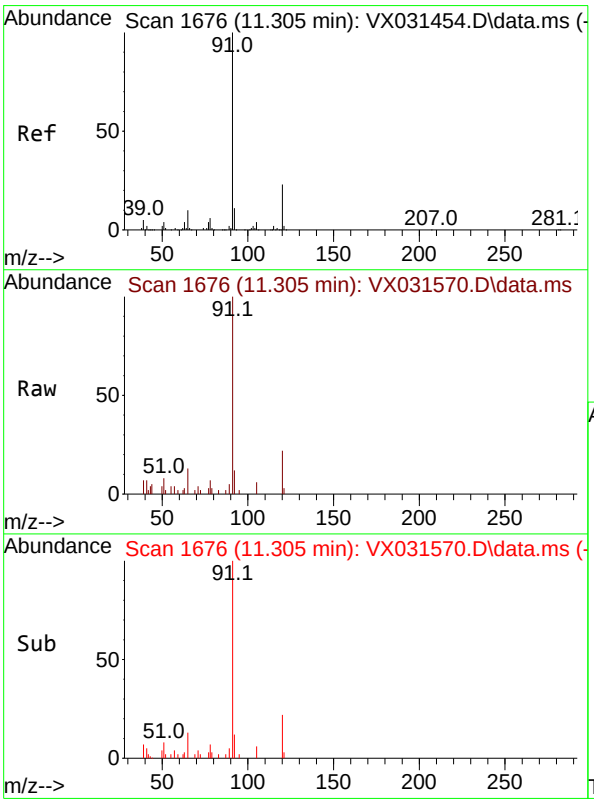
#73
Isopropylbenzene
Concen: 2.153 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031570.D
Acq: 22 Sep 2022 15:11

Instrument :
MSVOA_X
ClientSampleId :
MW-11R

Tgt Ion:105 Resp: 8193

Ion	Ratio	Lower	Upper
105	100		
120	28.4	13.7	41.0

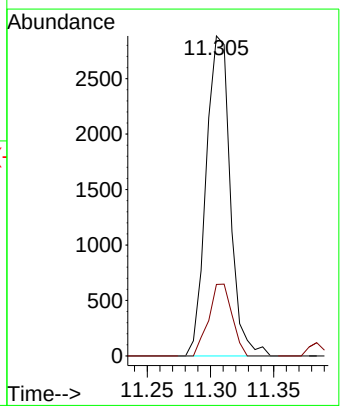


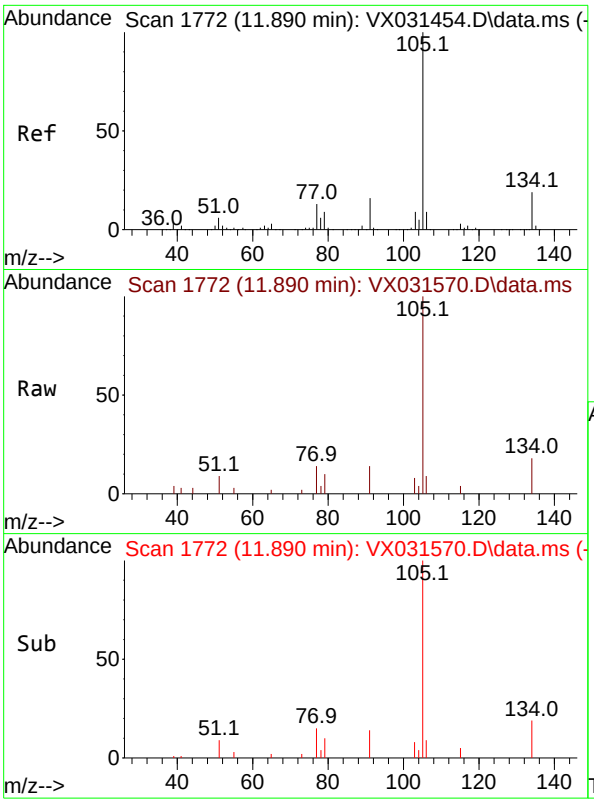


#78
n-propylbenzene
Concen: 0.872 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX031570.D
Acq: 22 Sep 2022 15:11

Tgt Ion: 91 Resp: 3818

Ion	Ratio	Lower	Upper
91	100		
120	21.7	11.8	35.4





#85
sec-Butylbenzene
Concen: 0.884 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX031570.D
Acq: 22 Sep 2022 15:11

Instrument :
MSVOA_X
ClientSampleId :
MW-11R

Tgt Ion:105 Resp: 3502

Ion	Ratio	Lower	Upper
105	100		
134	36.0	10.4	31.1#