Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110322\
Data File : VL039829.D
Acq On : 3 Nov 2022 17:09
Operator : SY/AP
Sample : QC110122 CAN 10321
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC110122 CAN 10321

Quant Time: Nov 04 08:44:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Nov 03 09:27:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.189	49	1038190	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2704483	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.446	117	2456058	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.754	95	1873178	10.189	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.900%			
Target Compounds						Qvalue
13) Ethanol	3.253	45	261	0.057	ppbv	# 34
39) 1,2-Dichloropropane	6.642	63	646232	7.270	ppbv	# 27

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

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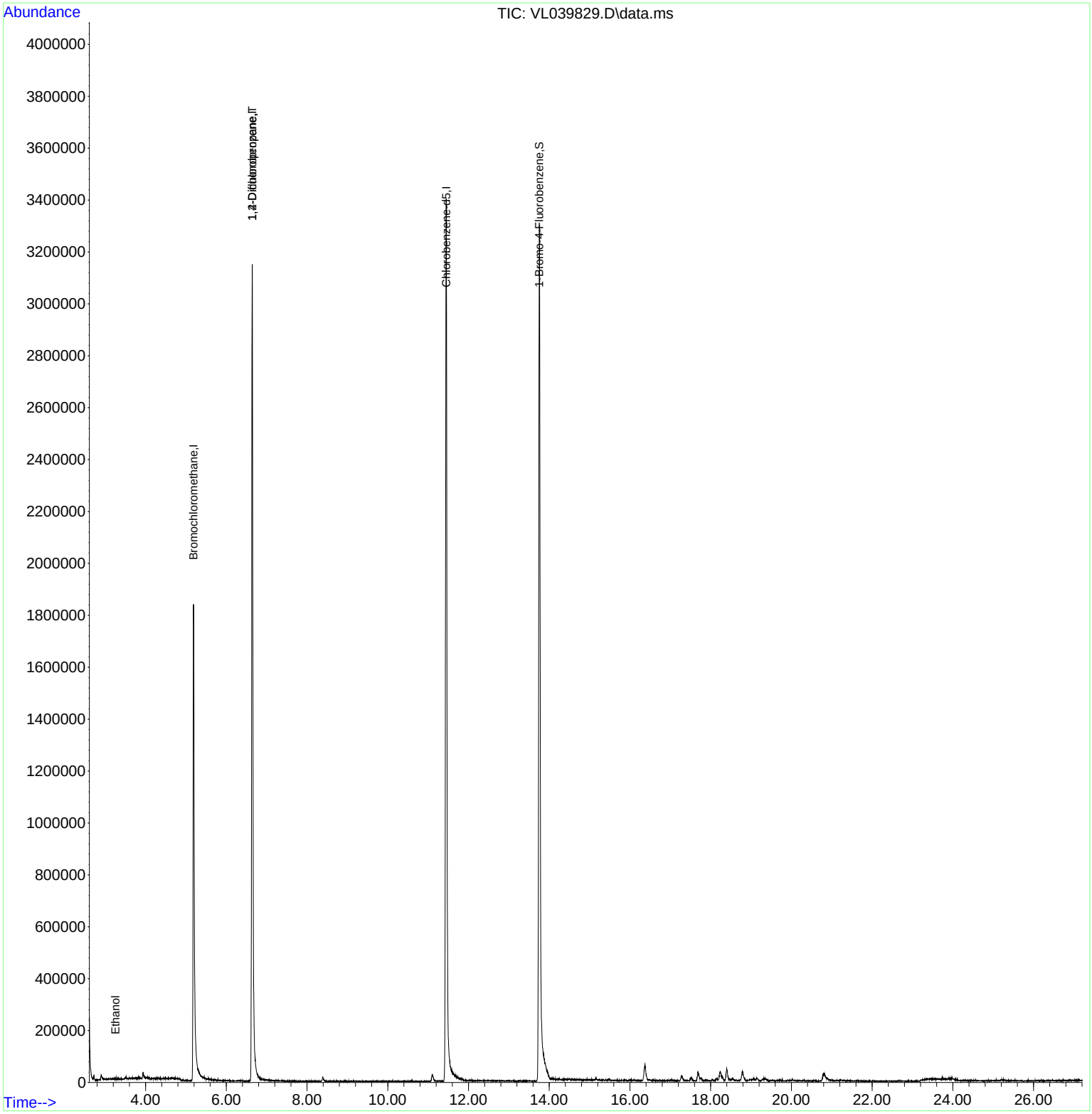
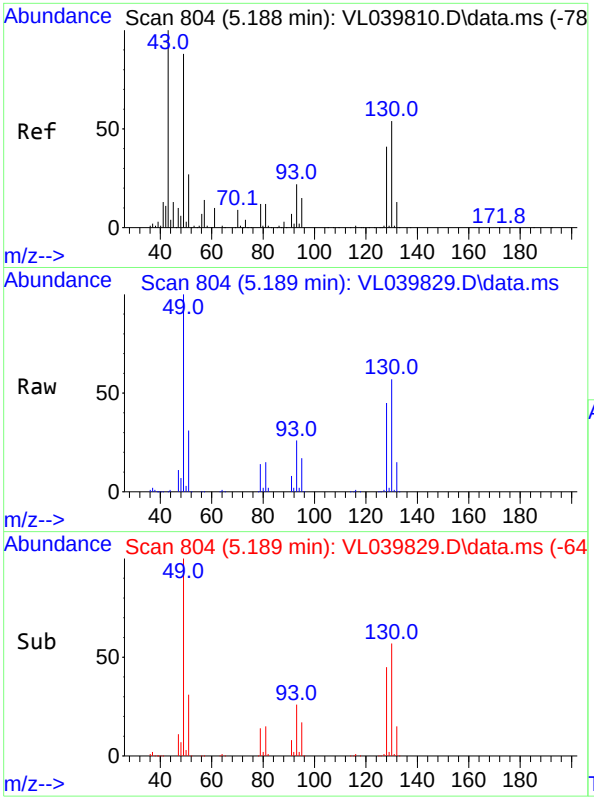


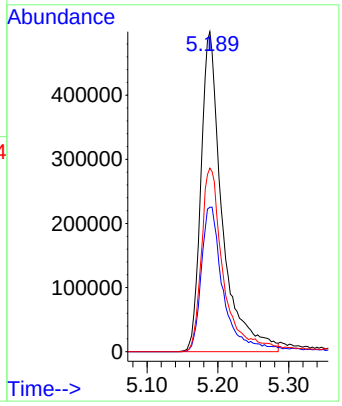


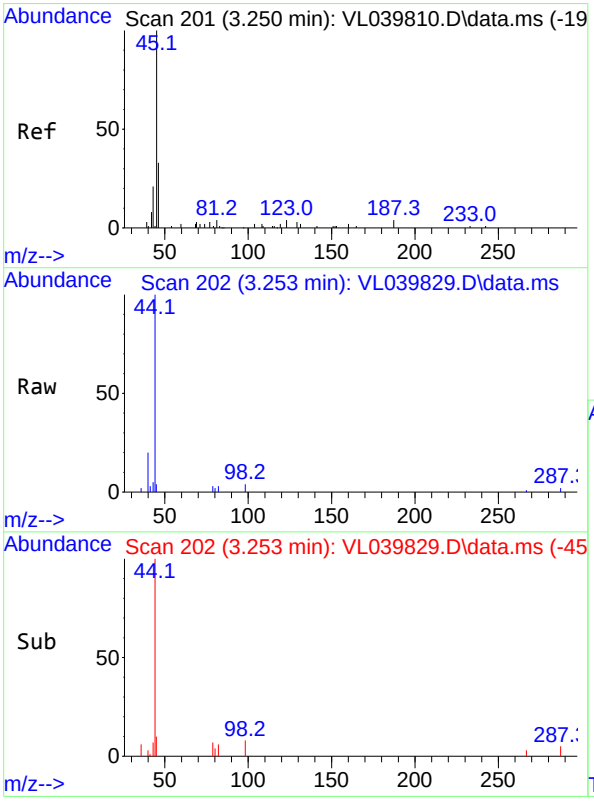
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 8
Delta R.T. 0.001 min
Lab File: VL039829.D
Acq: 3 Nov 2022 17:09

Instrument :
MSVOA_L
ClientSampleId :
QC110122 CAN 10321

Tgt Ion: 49 Resp: 1038190

Ion	Ratio	Lower	Upper
49	100		
128	48.6	24.6	73.6
130	61.6	31.1	93.2

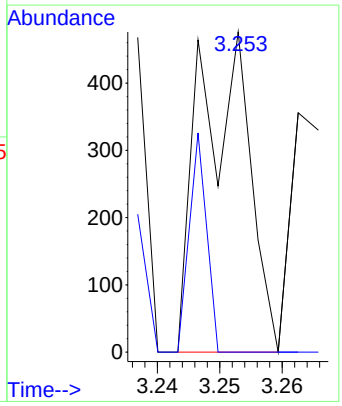


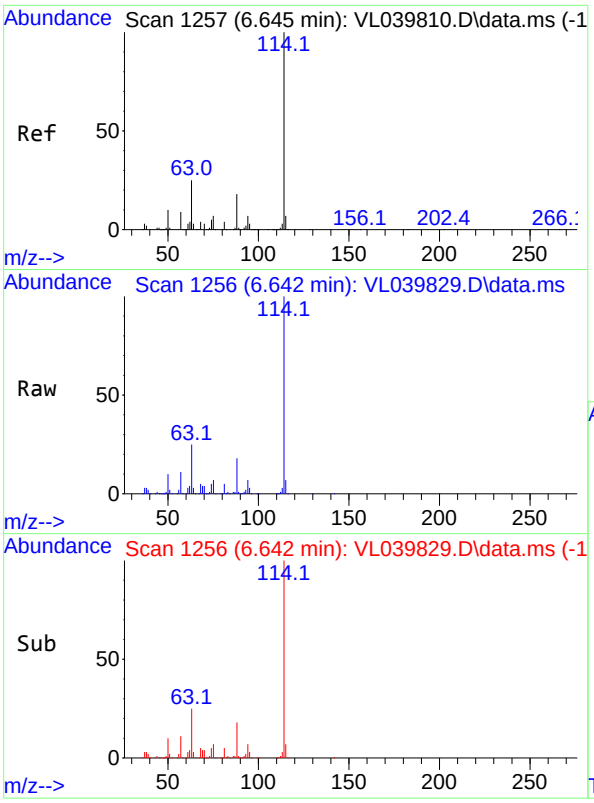


#13
Ethanol
Concen: 0.057 ppbv
RT: 3.253 min Scan# 202
Delta R.T. 0.003 min
Lab File: VL039829.D
Acq: 3 Nov 2022 17:09

Tgt Ion: 45 Resp: 261

Ion	Ratio	Lower	Upper
45	100		
46	0.0	16.5	65.9#



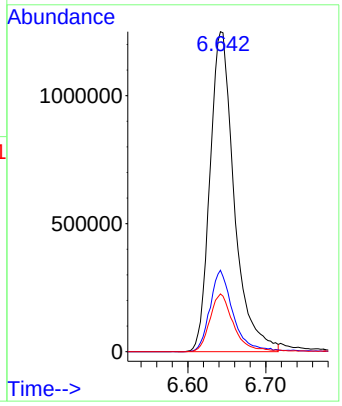


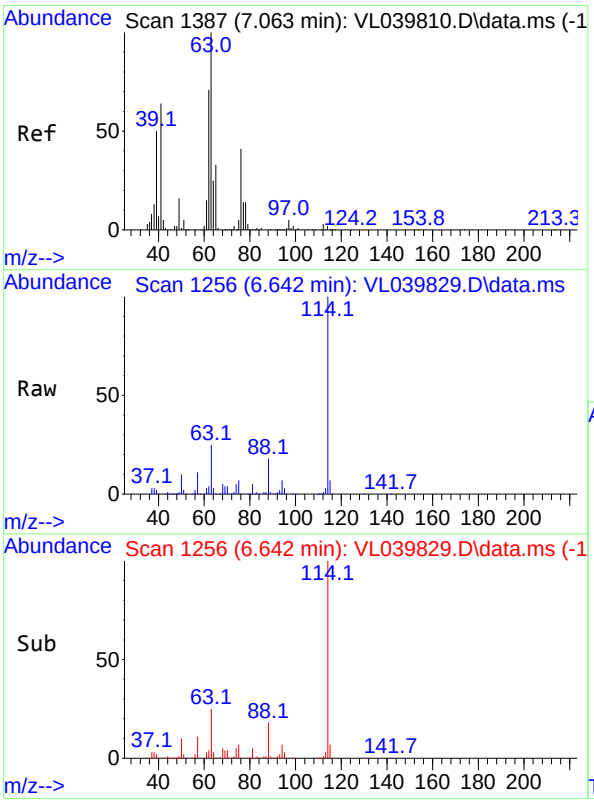
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 1
Delta R.T. -0.003 min
Lab File: VL039829.D
Acq: 3 Nov 2022 17:09

Instrument :
MSVOA_L
ClientSampleId :
QC110122 CAN 10321

Tgt Ion:114 Resp: 2704483

Ion	Ratio	Lower	Upper
114	100		
63	24.7	19.8	29.6
88	18.0	14.4	21.6

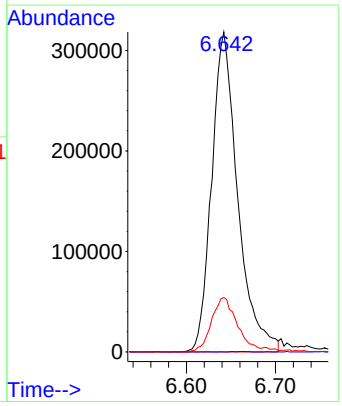


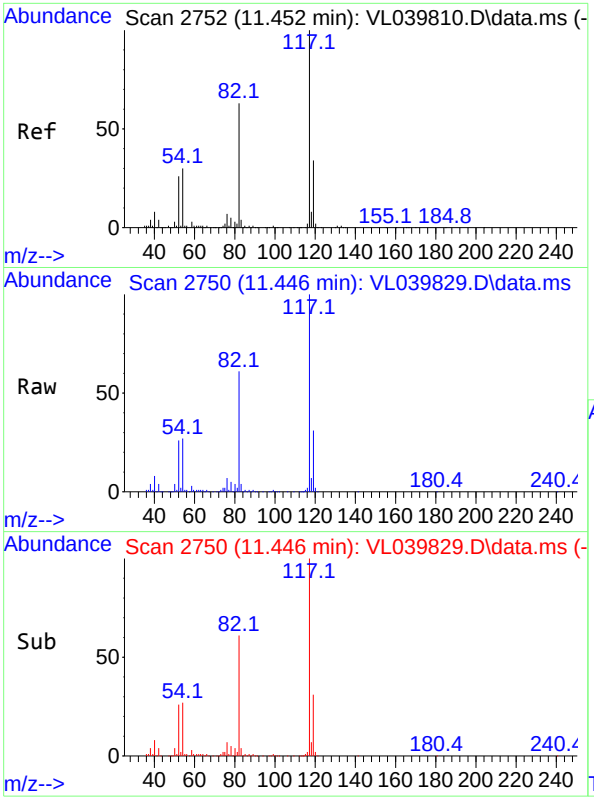


#39
1,2-Dichloropropane
Concen: 7.270 ppbv
RT: 6.642 min Scan# 1256
Delta R.T. -0.421 min
Lab File: VL039829.D
Acq: 3 Nov 2022 17:09

Tgt Ion: 63 Resp: 646232

Ion	Ratio	Lower	Upper
63	100		
41	0.0	51.0	76.4#
62	17.0	56.6	85.0#



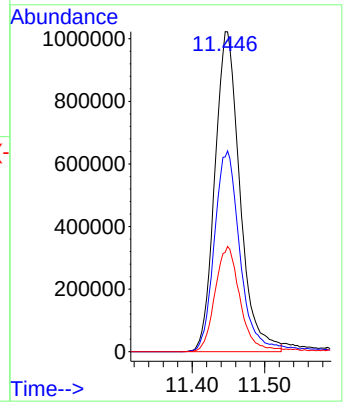


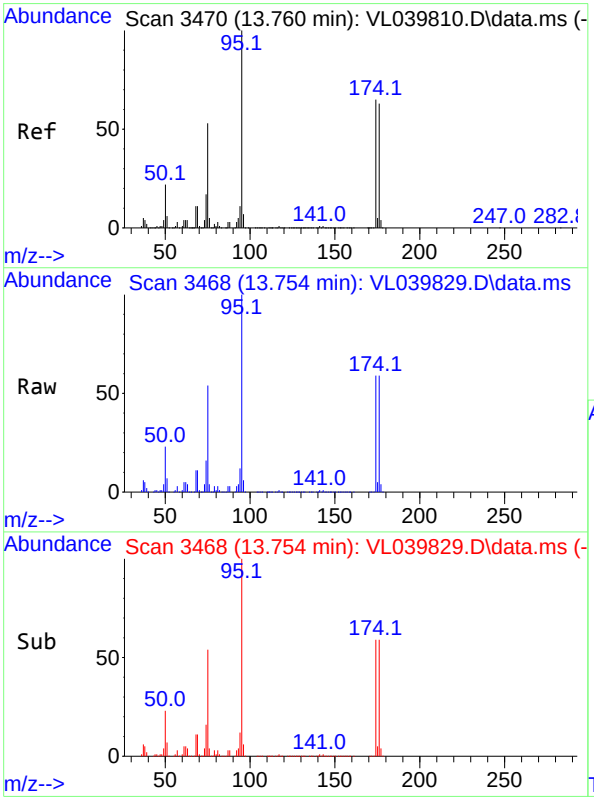
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.446 min Scan# 2
Delta R.T. -0.006 min
Lab File: VL039829.D
Acq: 3 Nov 2022 17:09

Instrument :
MSVOA_L
ClientSampleId :
QC110122 CAN 10321

Tgt Ion:117 Resp: 2456058

Ion	Ratio	Lower	Upper
117	100		
82	66.3	51.0	76.6
119	33.5	24.7	37.1





#68
1-Bromo-4-Fluorobenzene
Concen: 10.189 ppbv
RT: 13.754 min Scan# 3468
Delta R.T. -0.006 min
Lab File: VL039829.D
Acq: 3 Nov 2022 17:09

Tgt Ion: 95 Resp: 1873178

Ion	Ratio	Lower	Upper
95	100		
174	66.2	53.4	80.0
175	4.8	4.1	6.1