Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL082020\
Data File : VL035485.D
Acq On : 20 Aug 2020 21:47
Operator : SY/AP
Sample : QC081820 CAN 10328
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : QC081820 CAN 10328

Quant Time: Aug 21 07:25:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Aug 17 19:28:30 2020
QLast Update : Mon Aug 17 19:28:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1014430	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4501659	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4514537	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	3188722	10.09	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.90%			
Target Compounds						Qvalue
15) Acetone	3.87	43	45096	0.386	ppbv #	30
20) Methylene Chloride	4.34	84	163628	1.737	ppbv #	64
26) Hexane	5.69	57	60434	0.471	ppbv #	31
76) 1,4-Dichlorobenzene	17.16	146	61860	0.137	ppbv	92
77) 1,2-Dichlorobenzene	17.84	146	60511	0.135	ppbv	93

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

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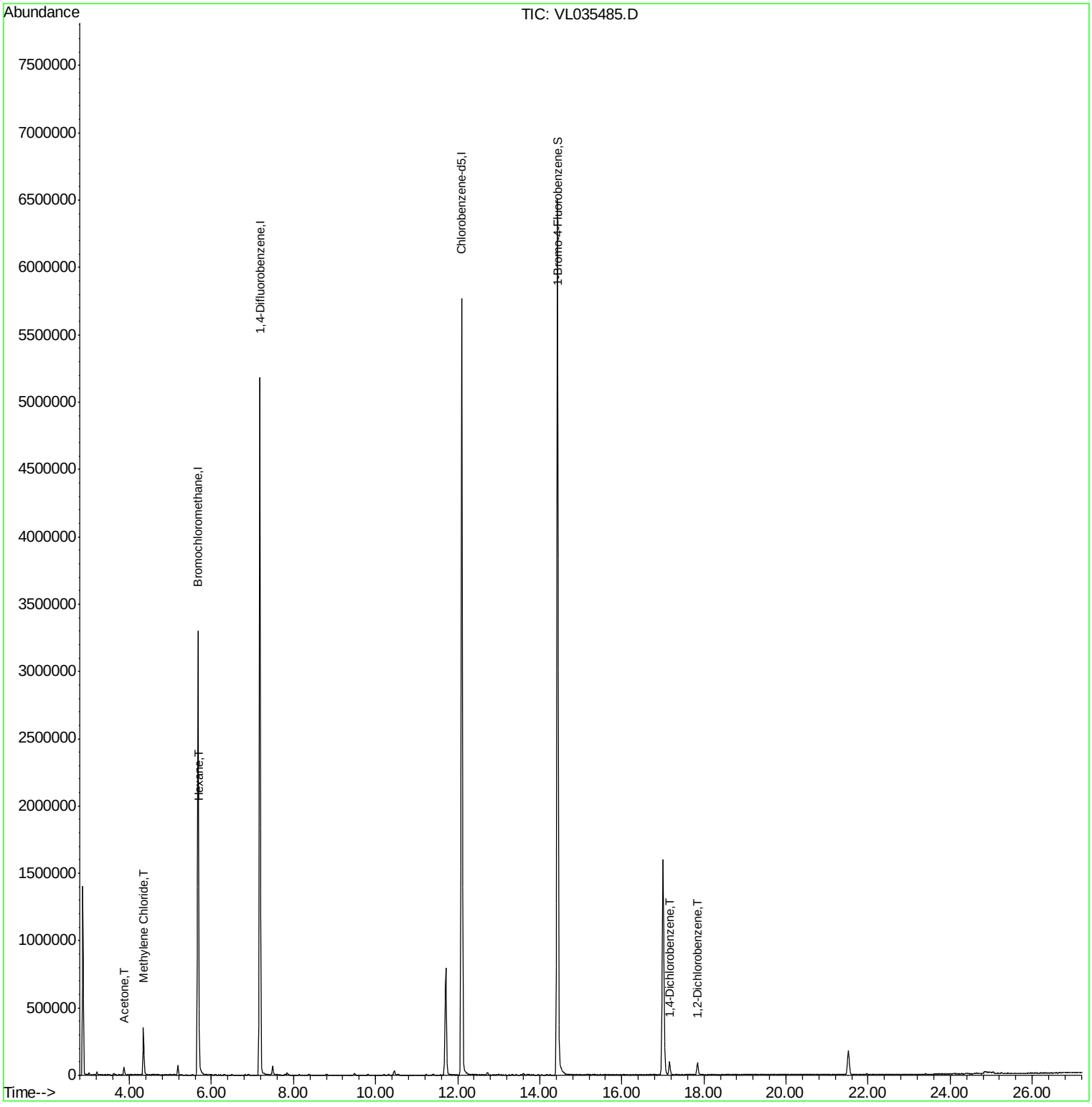
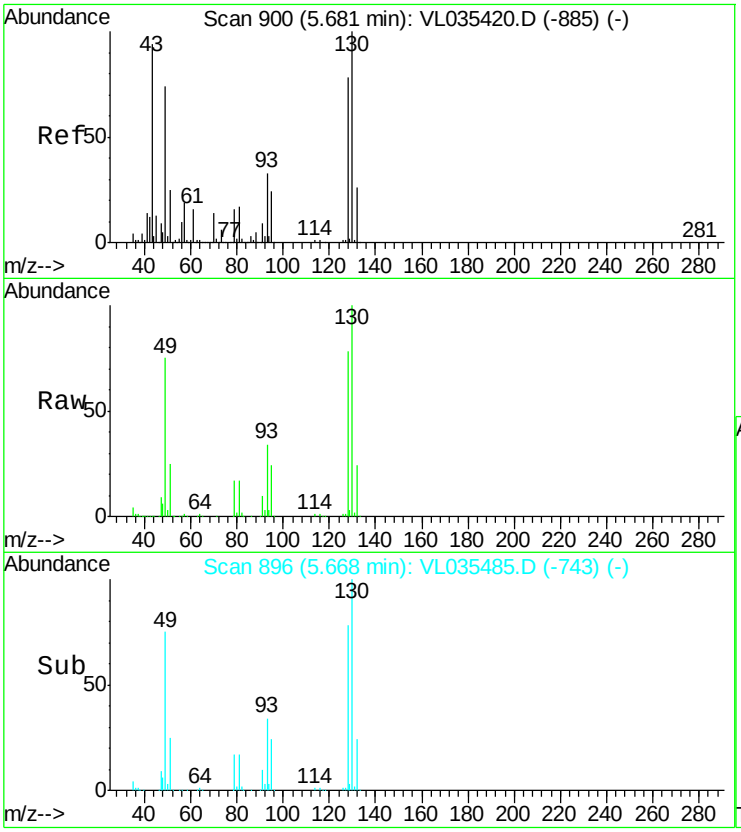


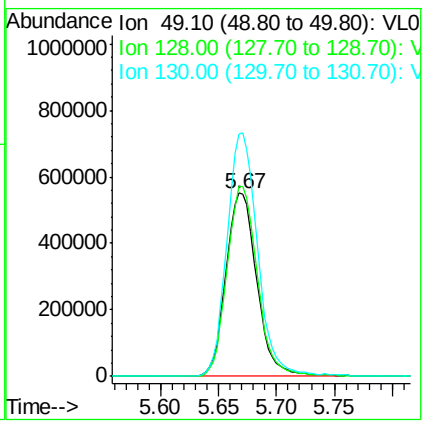


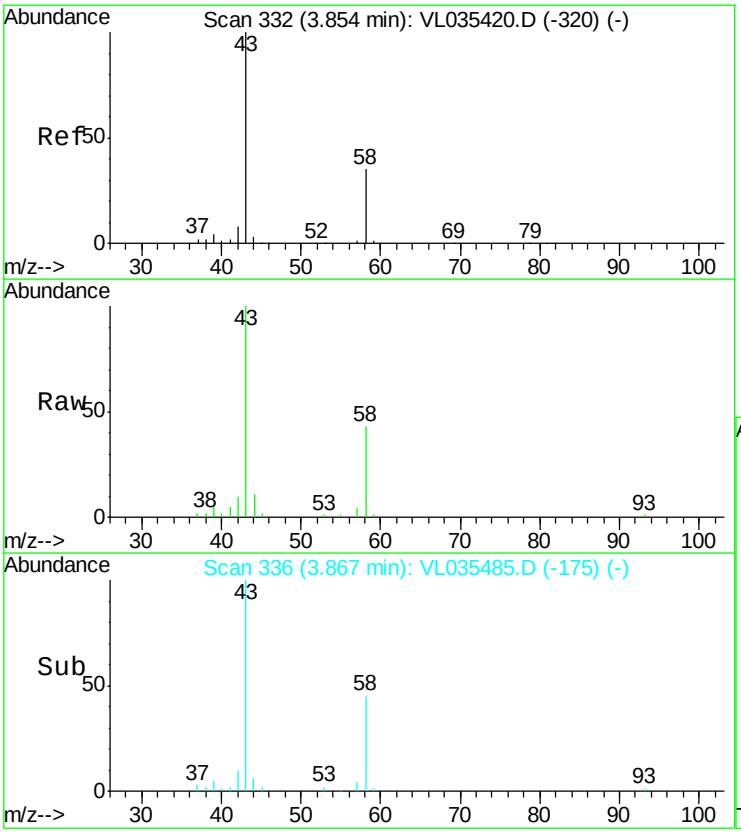
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.01 min
Lab File: VL035485.D
Acq: 20 Aug 2020 21:47

Instrument :
MSVOA_L
ClientSampleId :
QC081820 CAN 10328

Tgt Ion: 49 Resp: 1014430

Ion	Ratio	Lower	Upper
49	100		
128	103.0	20.9	62.7#
130	132.0	26.7	80.1#

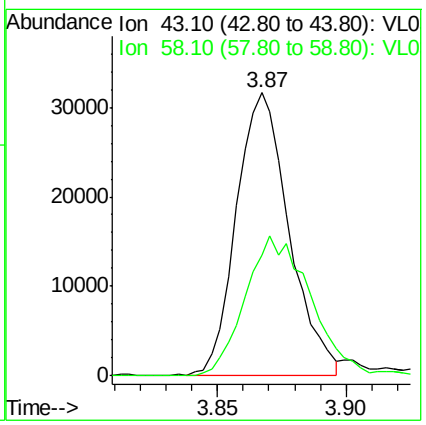


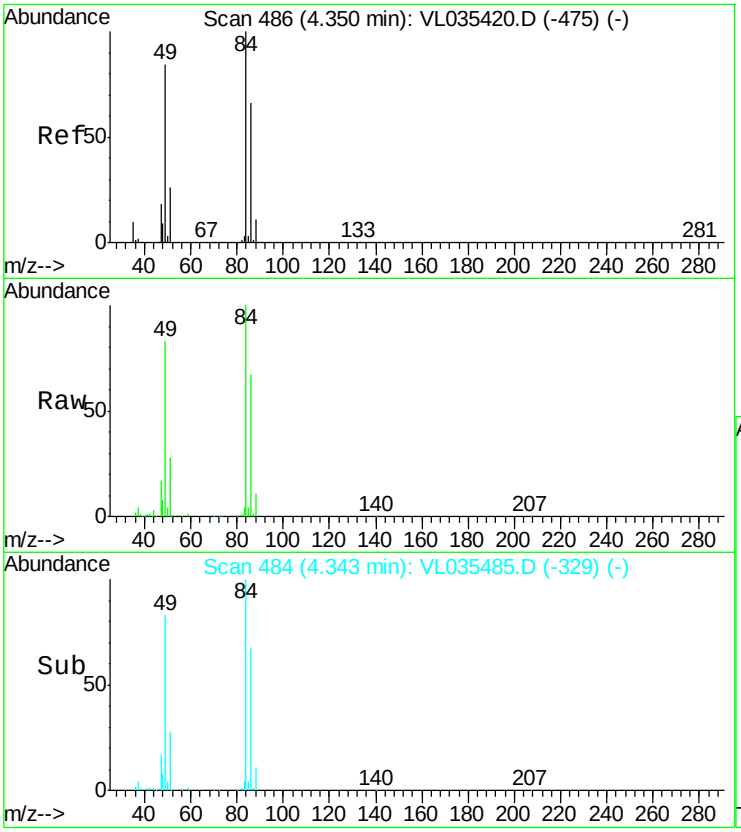


#15
Acetone
Concen: 0.386 ppbv
RT: 3.87 min Scan# 336
Delta R.T. 0.02 min
Lab File: VL035485.D
Acq: 20 Aug 2020 21:47

Tgt Ion: 43 Resp: 45096

Ion	Ratio	Lower	Upper
43	100		
58	62.3	21.0	31.6#



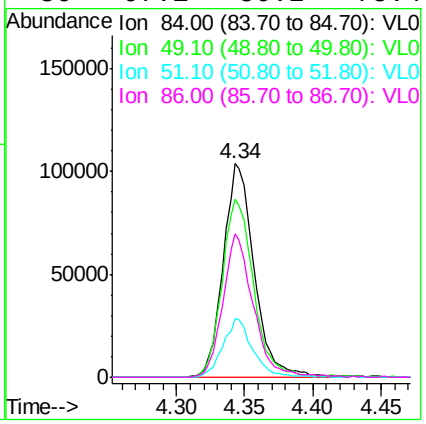


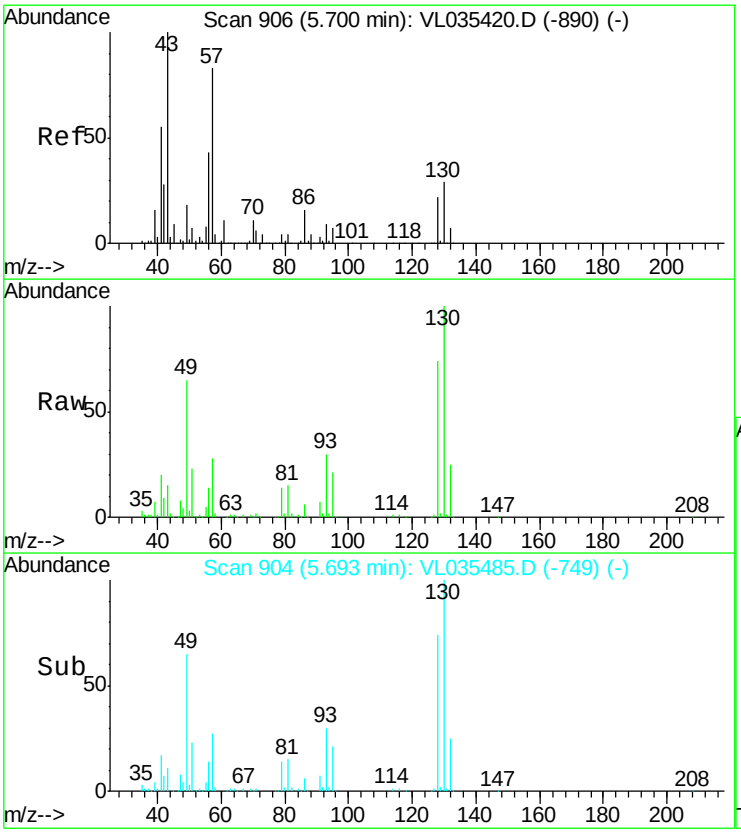
#20
Methylene Chloride
Concen: 1.737 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.00 min
Lab File: VL035485.D
Acq: 20 Aug 2020 21:47

Instrument : MSVOA_L
ClientSampleId : QC081820 CAN 10328

Tgt Ion: 84 Resp: 163628

Ion	Ratio	Lower	Upper
84	100		
49	83.2	118.6	177.8#
51	27.8	36.4	54.6#
86	67.1	50.2	75.4

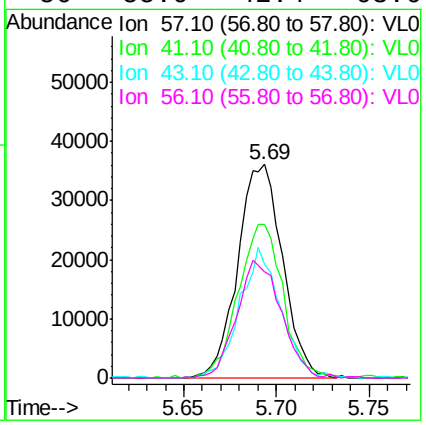


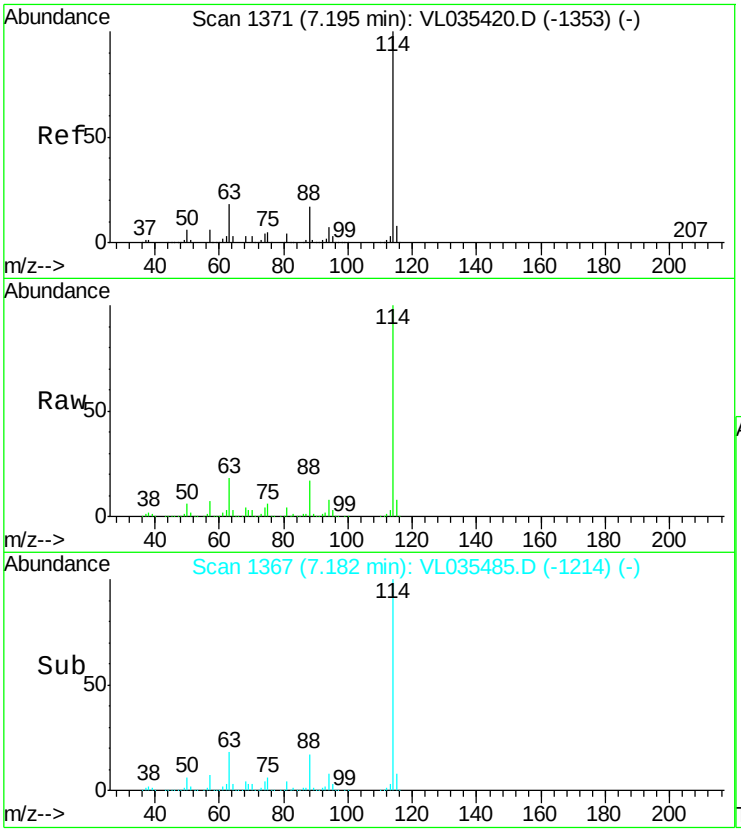


#26
Hexane
Concen: 0.471 ppbv
RT: 5.69 min Scan# 904
Delta R.T. -0.00 min
Lab File: VL035485.D
Acq: 20 Aug 2020 21:47

Tgt Ion: 57 Resp: 60434

Ion	Ratio	Lower	Upper
57	100		
41	72.8	75.5	113.3#
43	56.4	181.7	272.5#
56	55.0	42.4	63.6



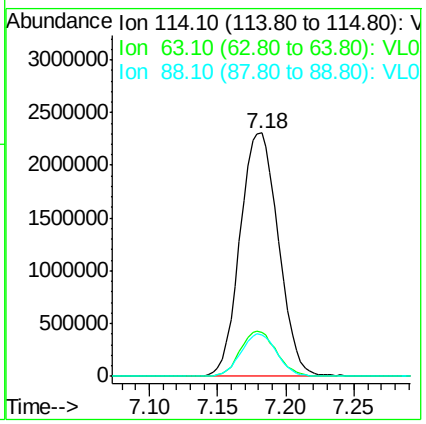


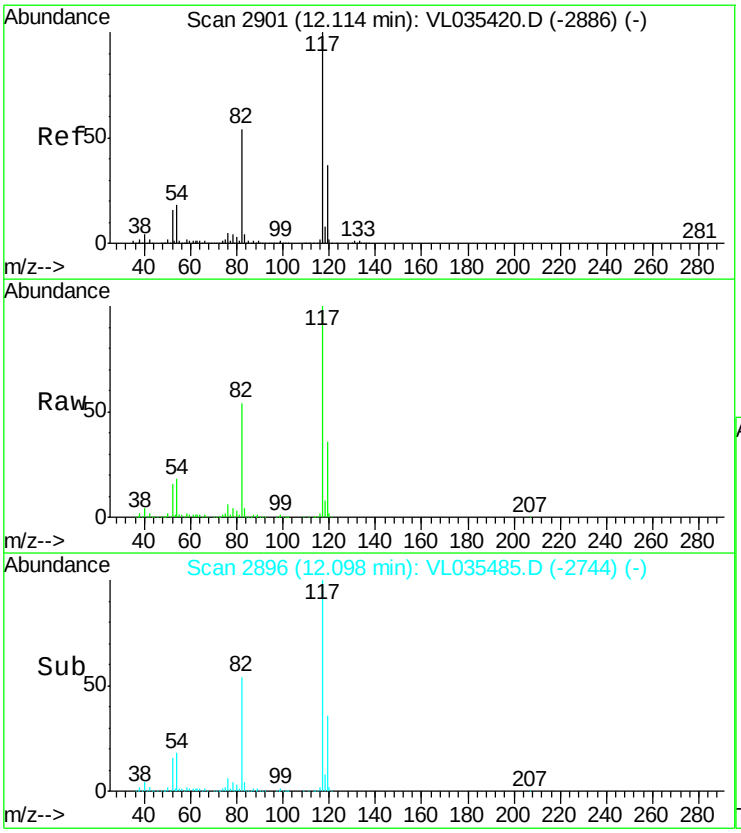
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VL035485.D
Acq: 20 Aug 2020 21:47

Instrument :
MSVOA_L
ClientSampleId :
QC081820 CAN 10328

Tgt Ion:114 Resp: 4501659

Ion	Ratio	Lower	Upper
114	100		
63	17.6	23.1	34.7#
88	16.5	15.9	23.9

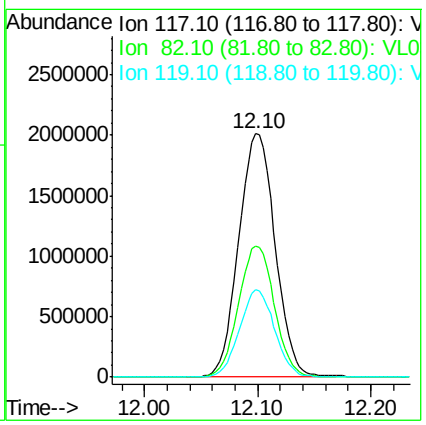


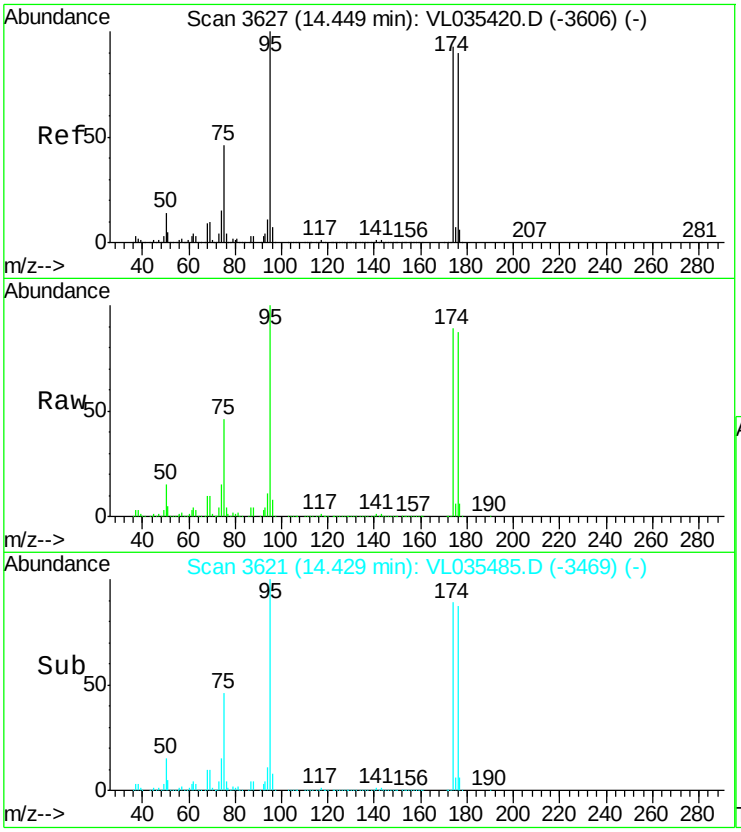


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2896
Delta R.T. -0.01 min
Lab File: VL035485.D
Acq: 20 Aug 2020 21:47

Tgt Ion:117 Resp: 4514537

Ion	Ratio	Lower	Upper
117	100		
82	53.5	57.4	86.0#
119	34.7	28.4	42.6



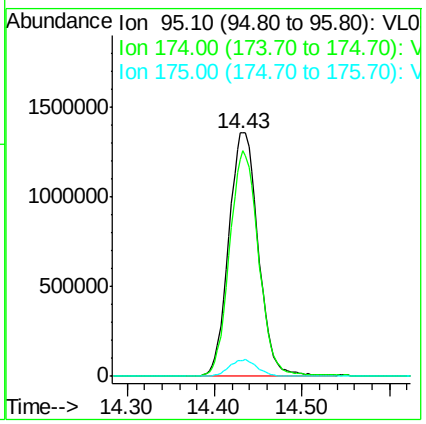


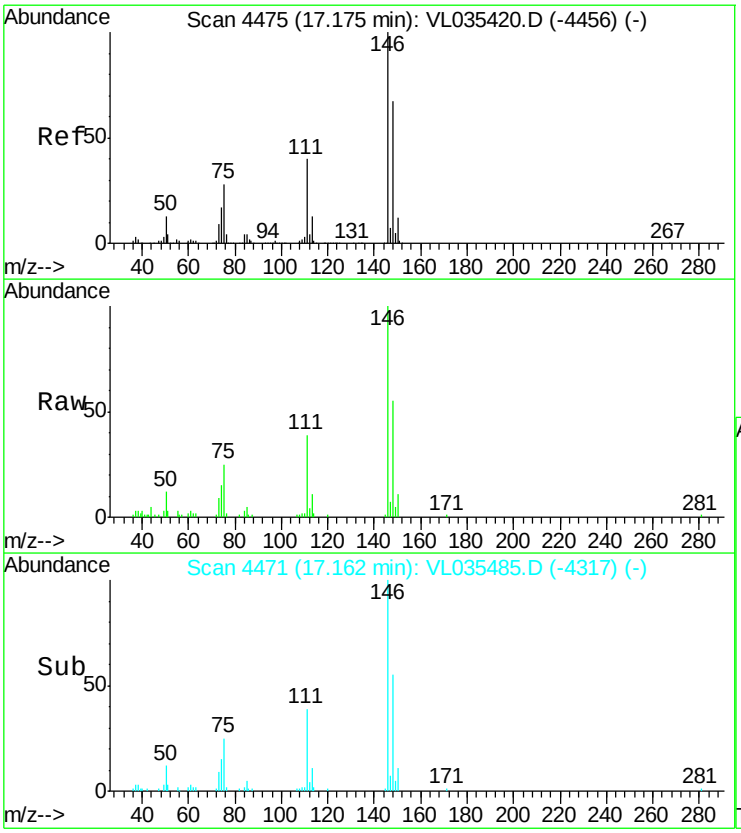
#68
1-Bromo-4-Fluorobenzene
Concen: 10.089 ppbv
RT: 14.43 min Scan# 3621
Delta R.T. -0.01 min
Lab File: VL035485.D
Acq: 20 Aug 2020 21:47

Instrument :
MSVOA_L
ClientSampleId :
QC081820 CAN 10328

Tgt Ion: 95 Resp: 3188722

Ion	Ratio	Lower	Upper
95	100		
174	91.6	44.0	66.0#
175	6.6	3.2	4.8#

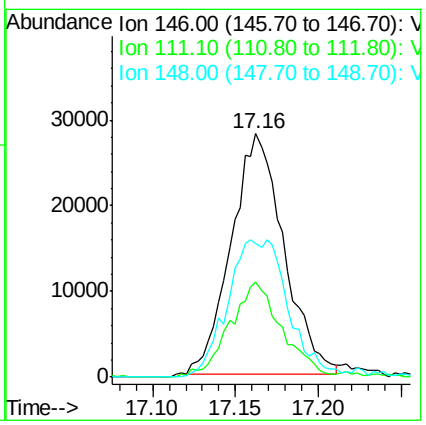


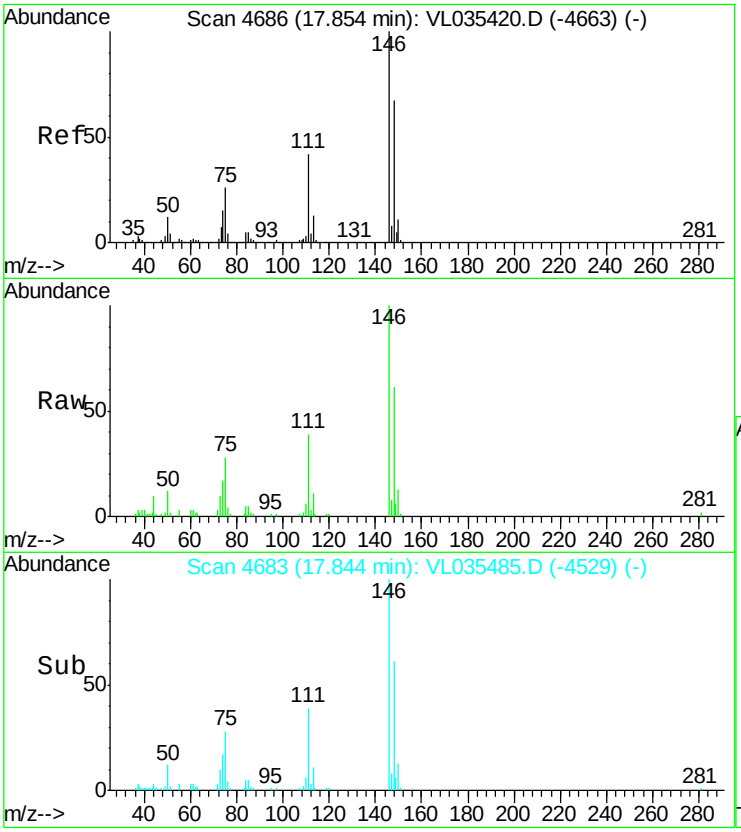


#76
1,4-Dichlorobenzene
Concen: 0.137 ppbv
RT: 17.16 min Scan# 4471
Delta R.T. -0.00 min
Lab File: VL035485.D
Acq: 20 Aug 2020 21:47

Tgt Ion:146 Resp: 61860

Ion	Ratio	Lower	Upper
146	100		
111	40.4	24.8	74.4
148	66.9	32.1	96.3





#77
1,2-Dichlorobenzene
Concen: 0.135 ppbv
RT: 17.84 min Scan# 4683
Delta R.T. -0.00 min
Lab File: VL035485.D
Acq: 20 Aug 2020 21:47

Instrument :
MSVOA_L
ClientSampleId :
QC081820 CAN 10328

Tgt Ion:146 Resp: 60511

Ion	Ratio	Lower	Upper
146	100		
111	42.5	26.3	78.9
148	64.7	32.0	96.0