Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070620\
Data File : VL035159.D
Acq On : 6 Jul 2020 23:37
Operator : SY/AP
Sample : L3190-01 1200X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : PERM-01DL2

Quant Time: Jul 07 05:06:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL061920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LSat Jun 20 02:10:36 2020
QLast Update : Sat Jun 20 02:10:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	920010	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2205238	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2092420	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	1763122	10.14	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.40%			
Target Compounds						Qvalue
5) Vinyl Chloride	2.97	62	159240	2.939	ppbv #	45
13) Ethanol	3.58	45	1382	0.091	ppbv #	40
15) Acetone	3.83	43	24961	0.224	ppbv #	52
20) Methylene Chloride	4.31	84	8434	0.187	ppbv #	68
27) Carbon Disulfide	4.52	76	9407530	100.442	ppbv #	86
30) Cyclohexane	7.15	84	5628	0.087	ppbv #	1
36) Benzene	6.88	78	9277	0.054	ppbv #	86
39) 1,2-Dichloropropane	7.16	63	604395	9.050	ppbv #	25

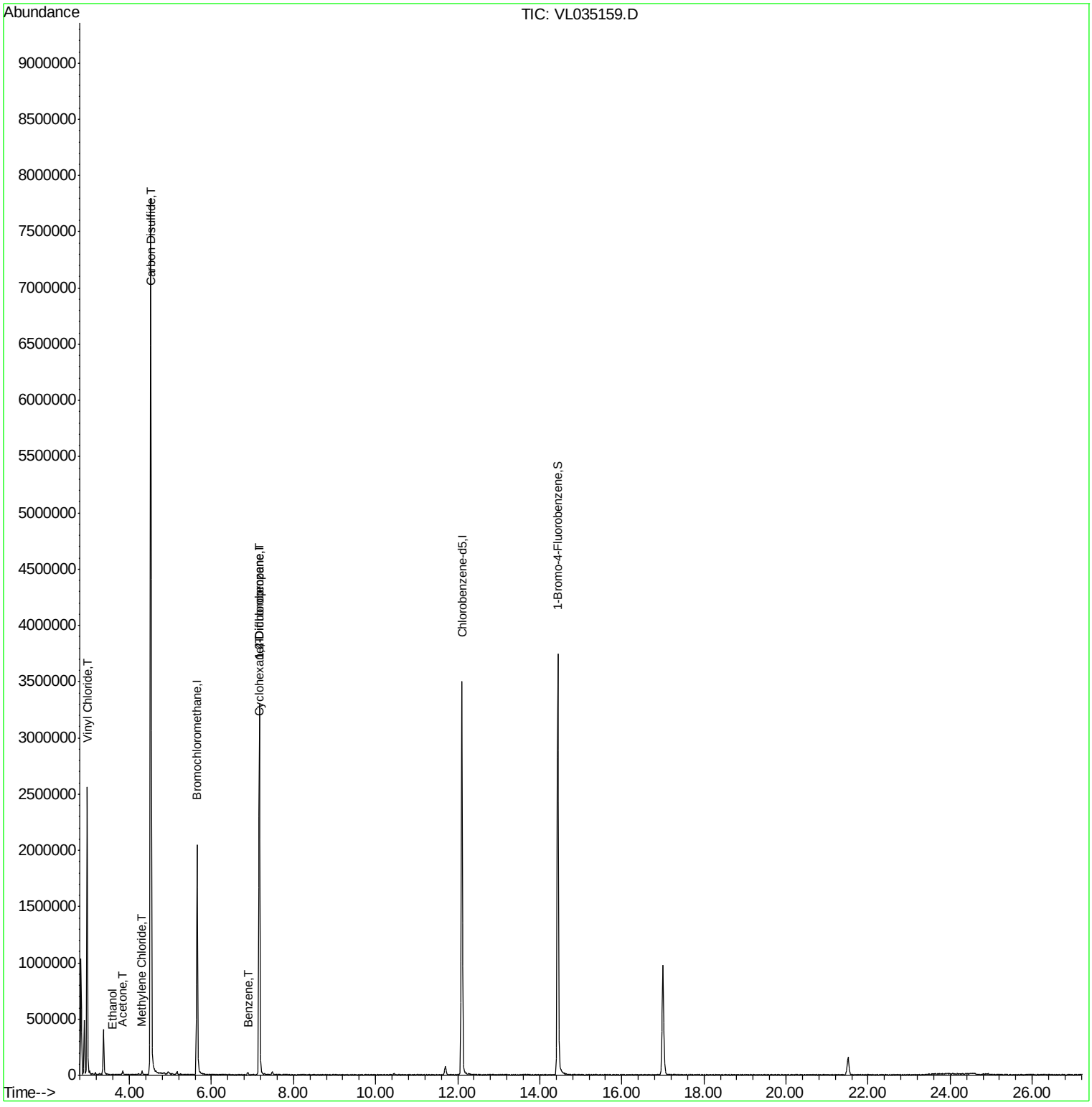
(#) = qualifier out of range (m) = manual integration (+) = signals summed

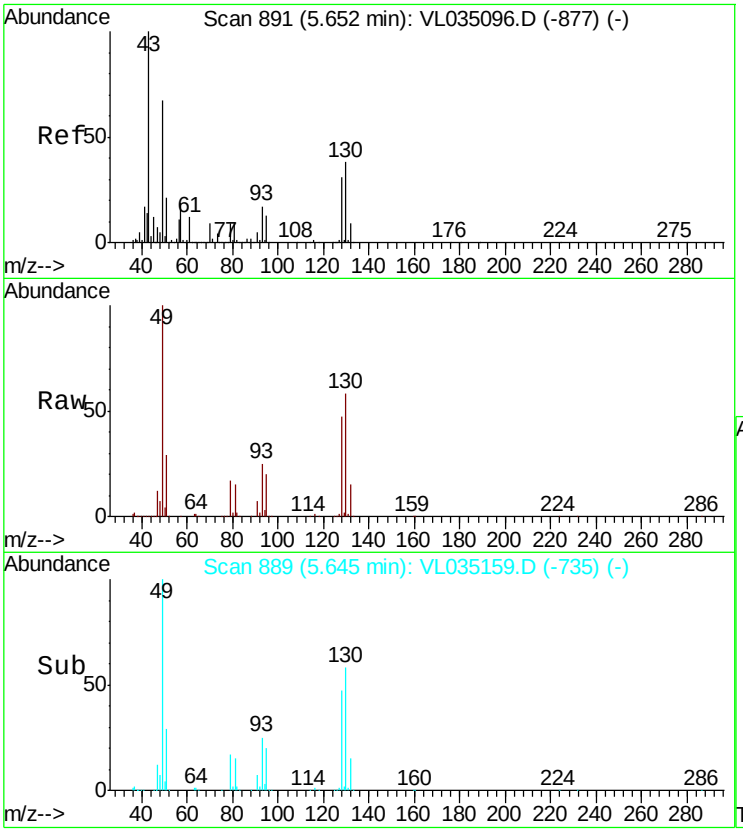
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070620\
Data File : VL035159.D
Acq On : 6 Jul 2020 23:37
Operator : SY/AP
Sample : L3190-01 1200X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : PERM-01DL2

Quant Time: Jul 07 05:06:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL061920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LSat Jun 20 02:10:36 2020
QLast Update : Sat Jun 20 02:10:36 2020
Response via : Initial Calibration



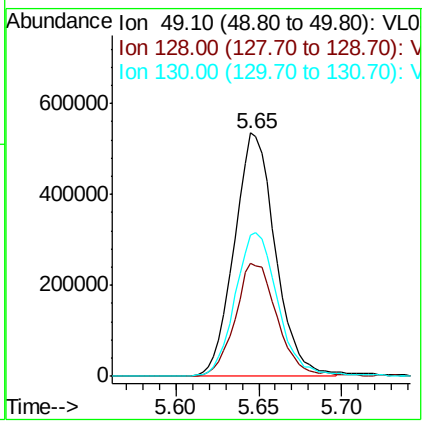


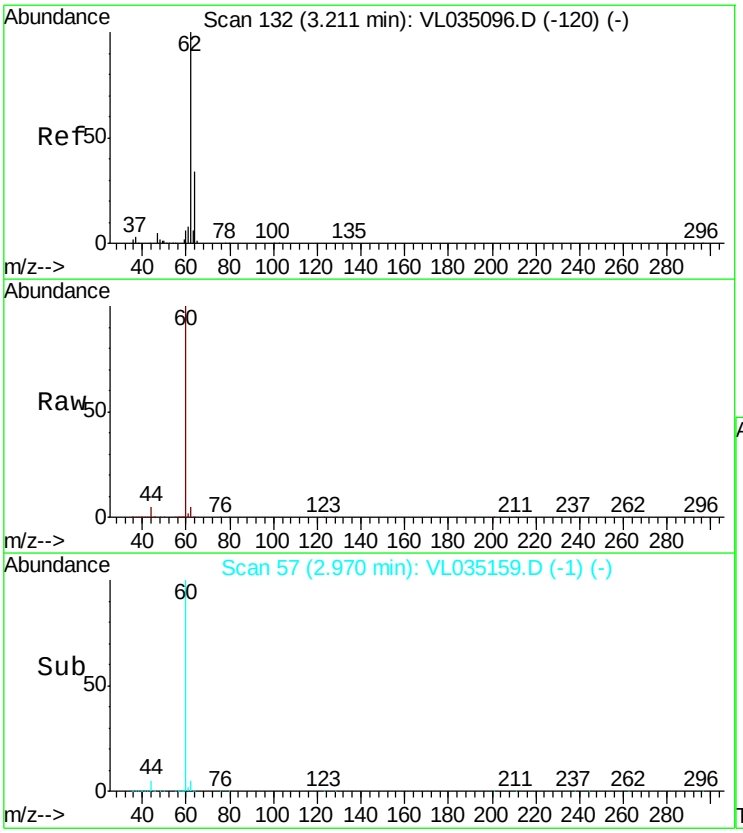
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 889
Delta R.T. -0.01 min
Lab File: VL035159.D
Acq: 6 Jul 2020 23:37

Instrument :
MSVOA_L
ClientSampleId :
PERM-01DL2

Tgt Ion: 49 Resp: 920010

Ion	Ratio	Lower	Upper
49	100		
128	47.9	22.9	68.5
130	61.6	29.0	87.0

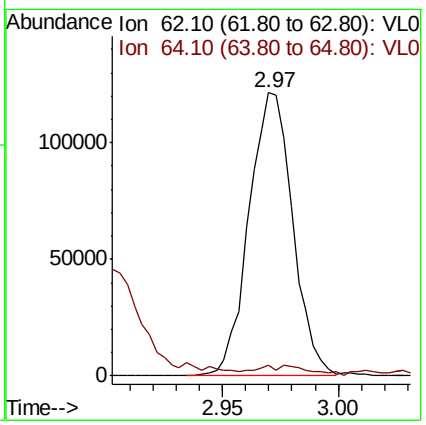


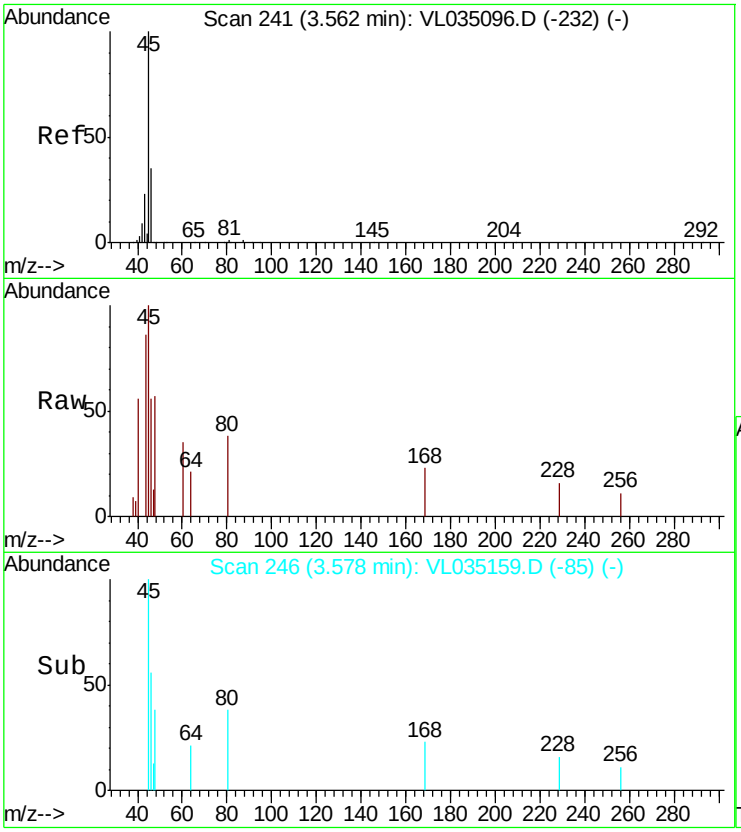


#5
Vinyl Chloride
Concen: 2.939 ppbv
RT: 2.97 min Scan# 57
Delta R.T. -0.24 min
Lab File: VL035159.D
Acq: 6 Jul 2020 23:37

Tgt Ion: 62 Resp: 159240

Ion	Ratio	Lower	Upper
62	100		
64	2.1	27.0	40.4#



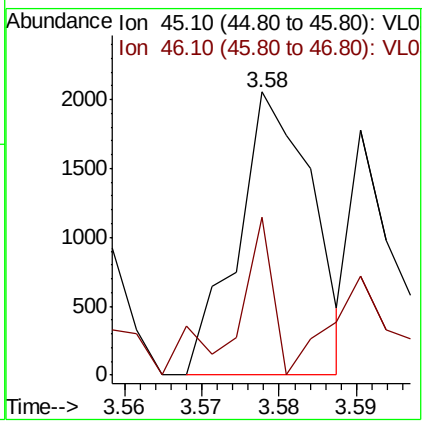


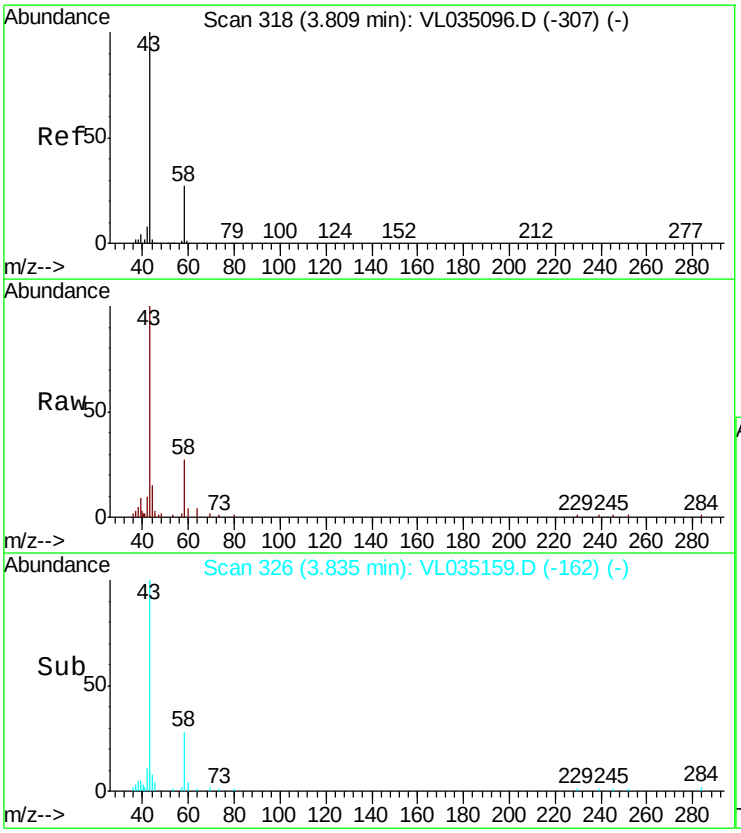
#13
Ethanol
Concen: 0.091 ppbv
RT: 3.58 min Scan# 246
Delta R.T. 0.02 min
Lab File: VL035159.D
Acq: 6 Jul 2020 23:37

Instrument :
MSVOA_L
ClientSampleId :
PERM-01DL2

Tgt Ion: 45 Resp: 1382

Ion	Ratio	Lower	Upper
45	100		
46	70.7	14.2	57.0#

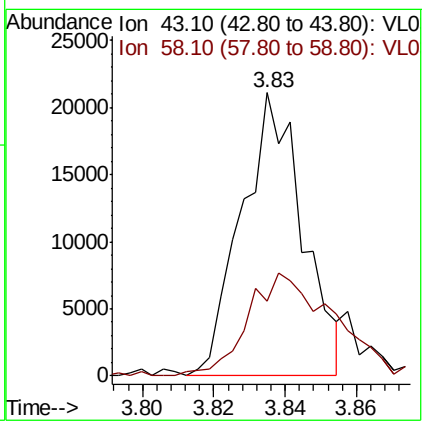


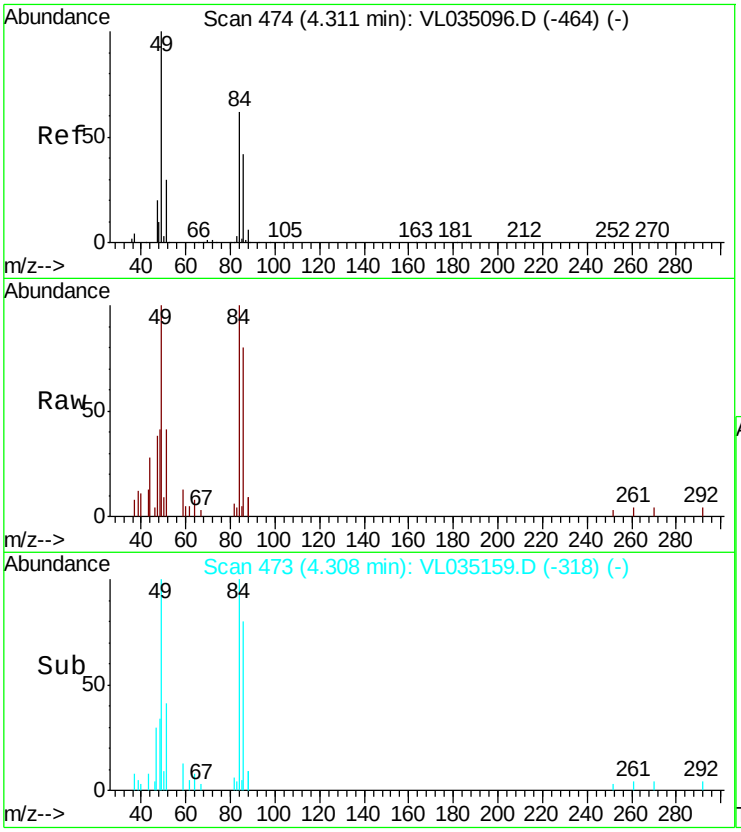


#15
Acetone
Concen: 0.224 ppbv
RT: 3.83 min Scan# 326
Delta R.T. 0.03 min
Lab File: VL035159.D
Acq: 6 Jul 2020 23:37

Tgt Ion: 43 Resp: 24961

Ion	Ratio	Lower	Upper
43	100		
58	52.3	21.8	32.6#



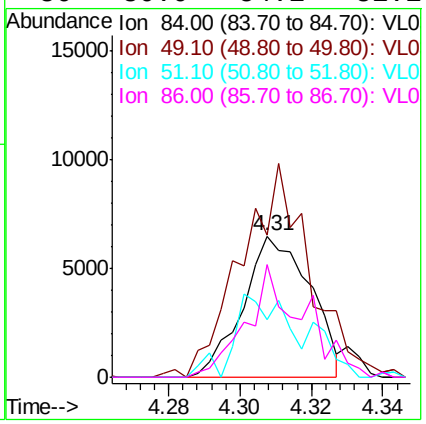


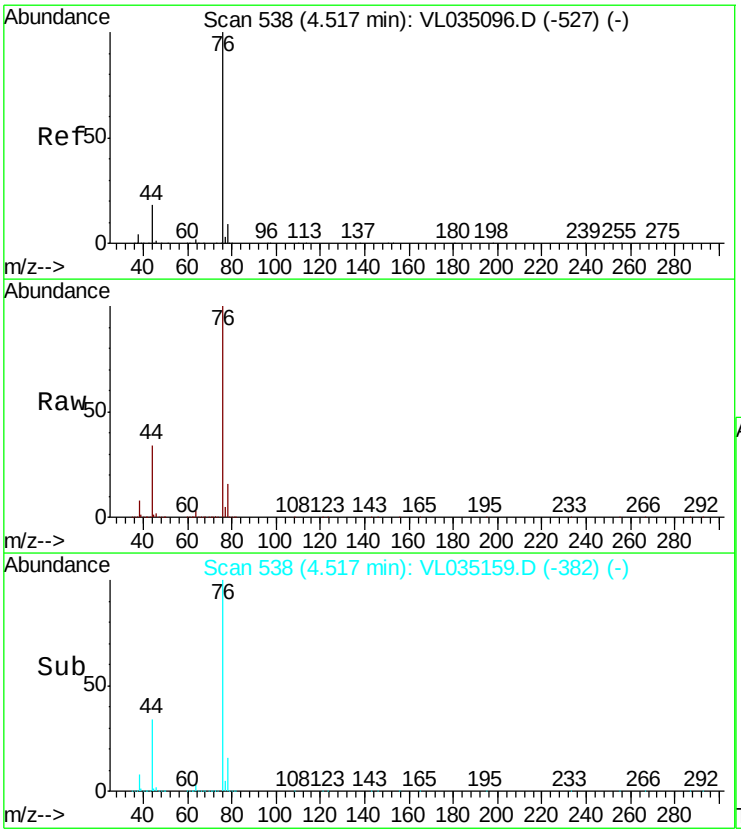
#20
Methylene Chloride
Concen: 0.187 ppbv
RT: 4.31 min Scan# 473
Delta R.T. -0.00 min
Lab File: VL035159.D
Acq: 6 Jul 2020 23:37

Instrument : MSVOA_L
ClientSampleId : PERM-01DL2

Tgt Ion: 84 Resp: 8434

Ion	Ratio	Lower	Upper
84	100		
49	100.3	128.8	193.2#
51	41.2	38.7	58.1
86	80.0	54.1	81.1

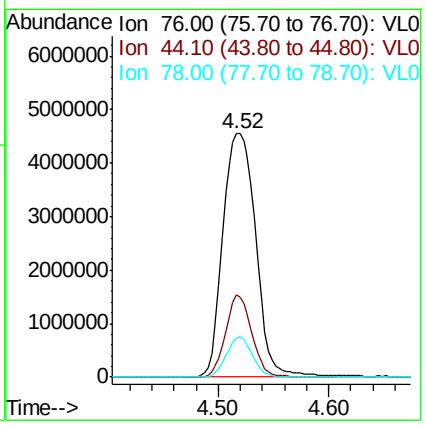


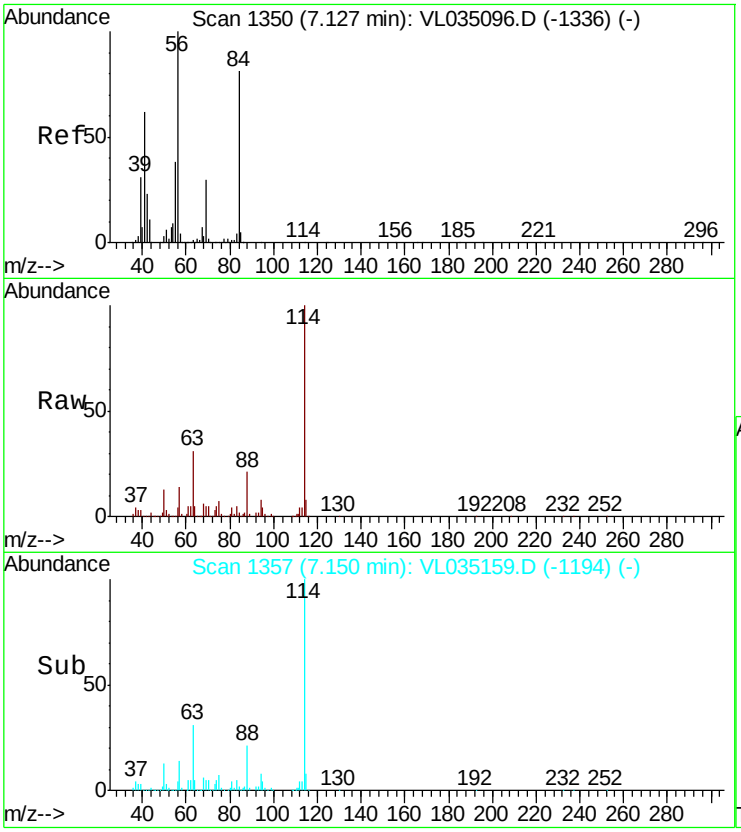


#27
Carbon Disulfide
Concen: 100.442 ppbv
RT: 4.52 min Scan# 538
Delta R.T. 0.00 min
Lab File: VL035159.D
Acq: 6 Jul 2020 23:37

Tgt Ion: 76 Resp: 9407530

Ion	Ratio	Lower	Upper
76	100		
44	27.2	15.8	23.8#
78	13.3	7.6	11.4#



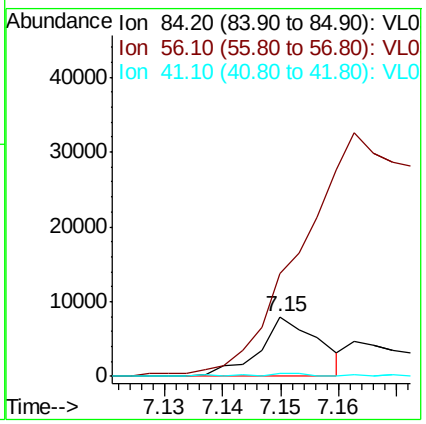


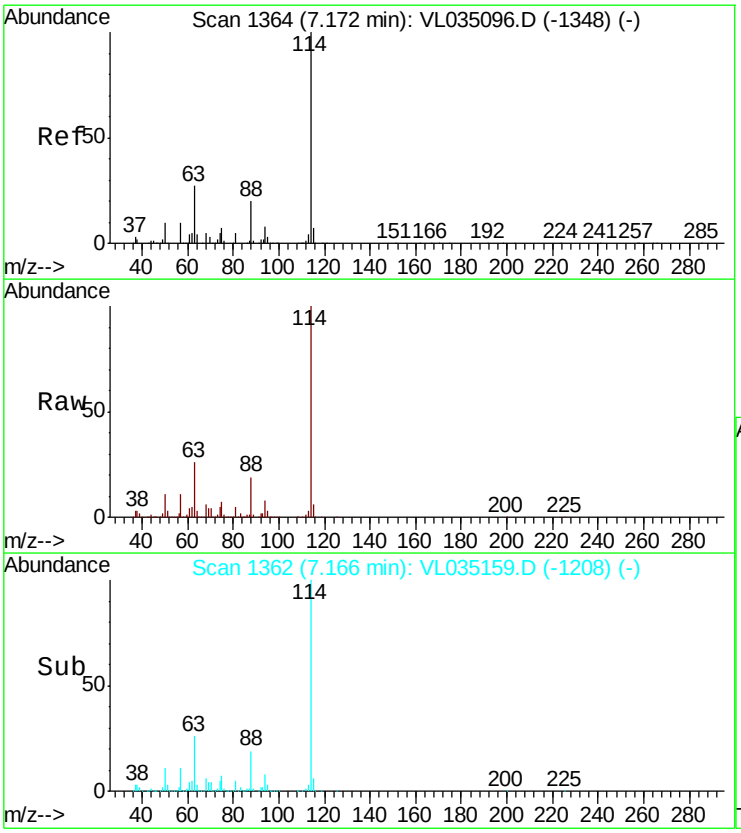
#30
Cyclohexane
Concen: 0.087 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. 0.02 min
Lab File: VL035159.D
Acq: 6 Jul 2020 23:37

Instrument : MSVOA_L
ClientSampleId : PERM-01DL2

Tgt Ion: 84 Resp: 5628

Ion	Ratio	Lower	Upper
84	100		
56	0.0	108.0	162.0#
41	0.0	65.6	98.4#

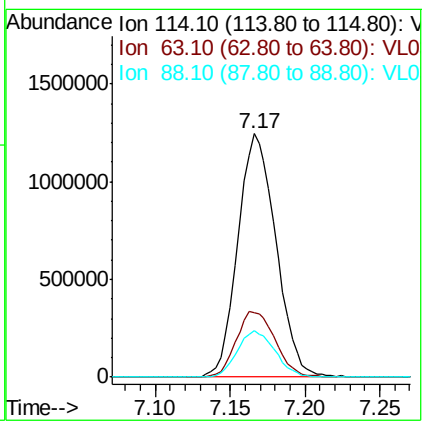


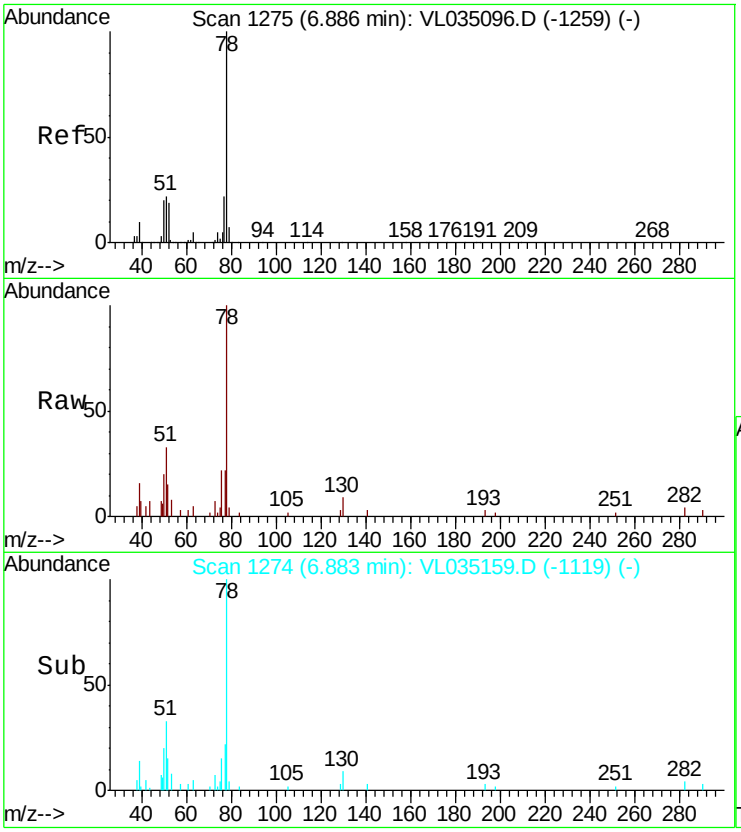


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VL035159.D
Acq: 6 Jul 2020 23:37

Tgt Ion:114 Resp: 2205238

Ion	Ratio	Lower	Upper
114	100		
63	27.6	21.9	32.9
88	18.9	15.6	23.4



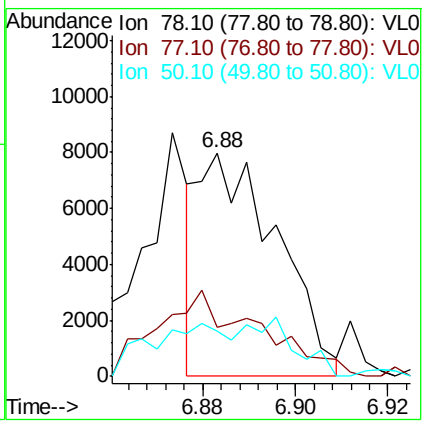


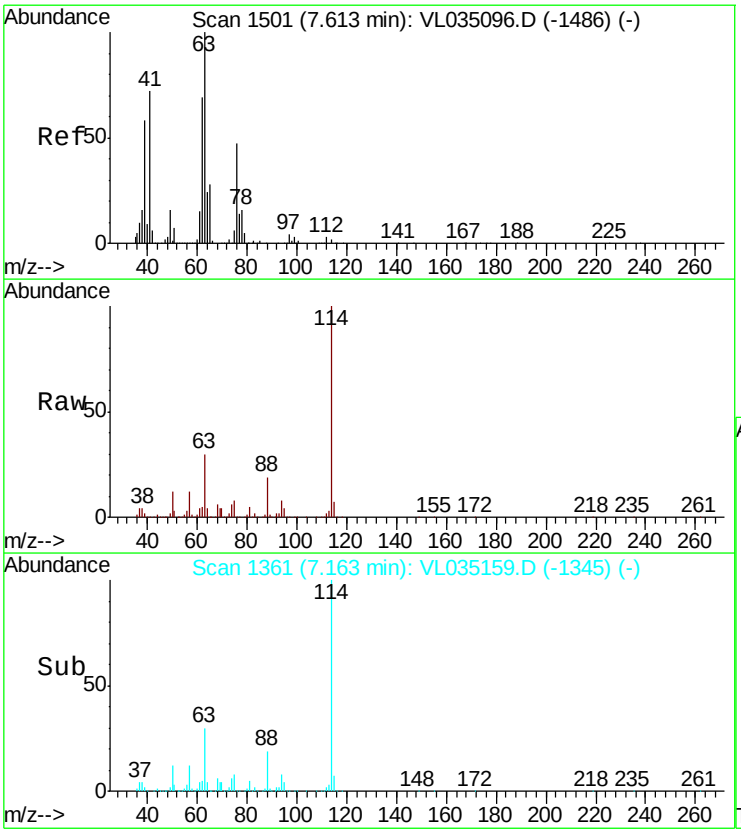
#36
Benzene
Concen: 0.054 ppbv
RT: 6.88 min Scan# 1274
Delta R.T. -0.00 min
Lab File: VL035159.D
Acq: 6 Jul 2020 23:37

Instrument :
MSVOA_L
ClientSampleId :
PERM-01DL2

Tgt Ion: 78 Resp: 9277

Ion	Ratio	Lower	Upper
78	100		
77	11.0	17.8	26.6#
50	22.0	16.2	24.2

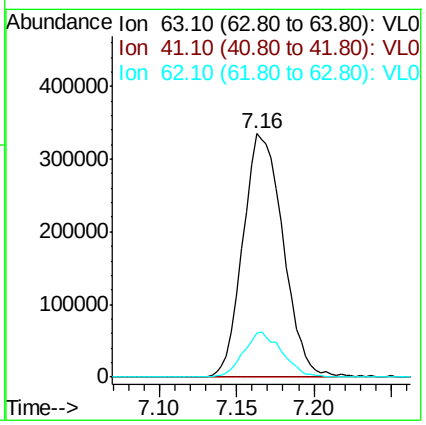


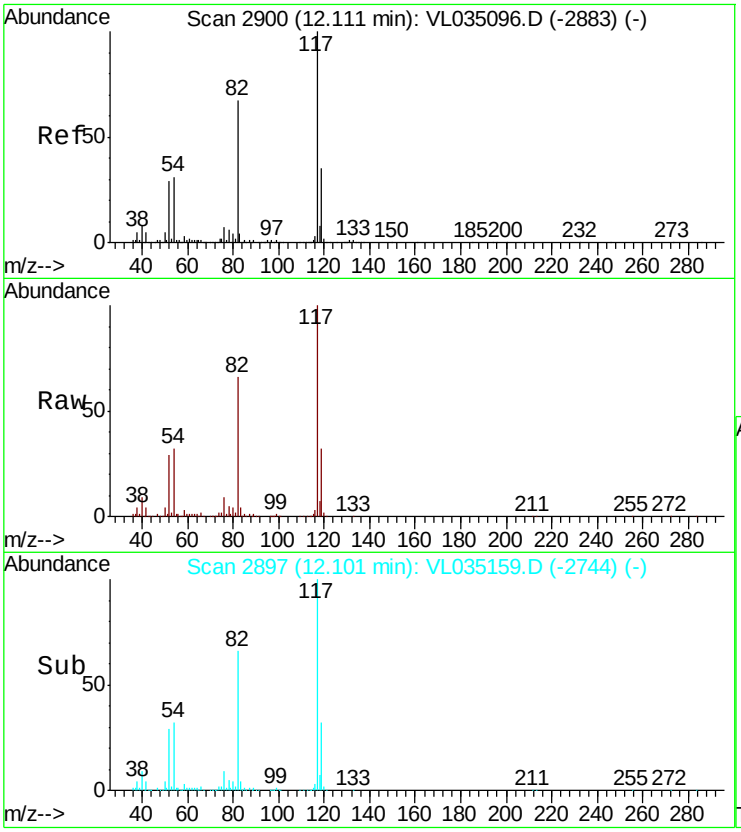


#39
1,2-Dichloropropane
Concen: 9.050 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.45 min
Lab File: VL035159.D
Acq: 6 Jul 2020 23:37

Tgt Ion: 63 Resp: 604395

Ion	Ratio	Lower	Upper
63	100		
41	0.1	58.0	87.0#
62	17.8	55.4	83.0#



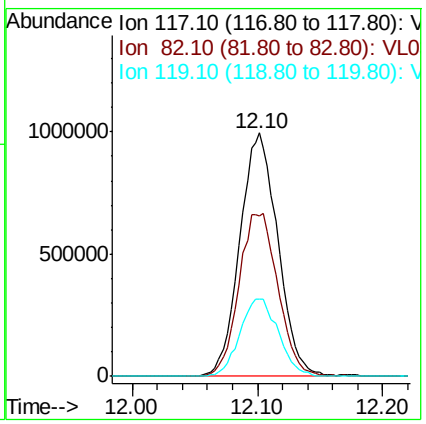


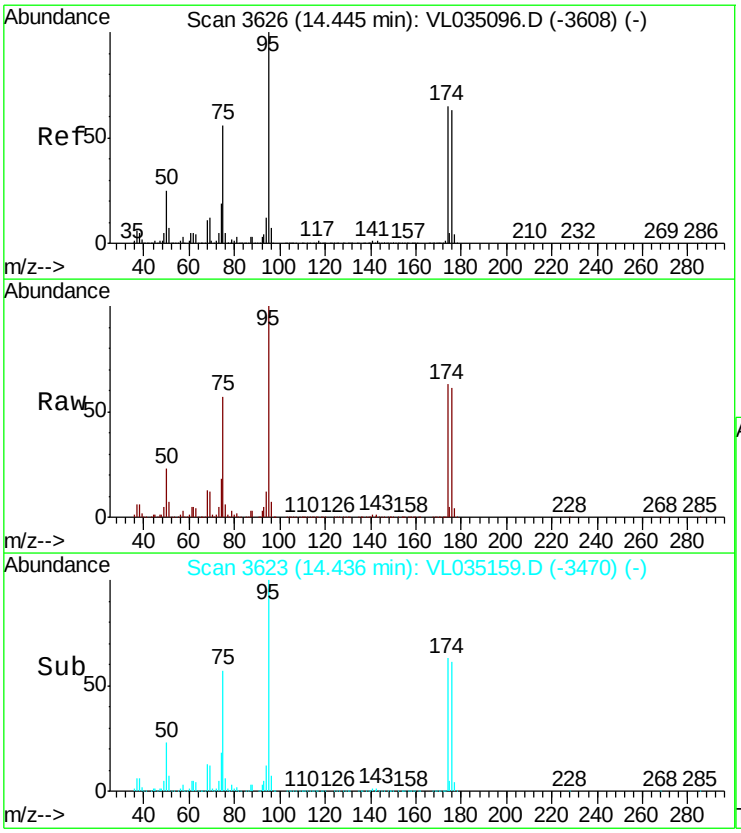
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. -0.01 min
Lab File: VL035159.D
Acq: 6 Jul 2020 23:37

Instrument :
MSVOA_L
ClientSampleId :
PERM-01DL2

Tgt Ion:117 Resp: 2092420

Ion	Ratio	Lower	Upper
117	100		
82	69.5	50.4	75.6
119	32.5	25.4	38.0





#68
1-Bromo-4-Fluorobenzene
Concen: 10.144 ppbv
RT: 14.44 min Scan# 3623
Delta R.T. -0.01 min
Lab File: VL035159.D
Acq: 6 Jul 2020 23:37

Tgt Ion: 95 Resp: 1763122

Ion	Ratio	Lower	Upper
95	100		
174	65.5	52.2	78.2
175	4.8	4.0	6.0