Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062220\

Quantitation Report (Not Reviewed)

Data File : VL035111.D
Acq On : 22 Jun 2020 14:56
Operator : SY/AP
Sample : L3075-01DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : CARBON-01DL2

Quant Time: Jun 22 15:25:27 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	5.66	49	1294946	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2964376	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2854737	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.46	95	2458043	10.37	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.70%			
Target Compounds						Qvalue
13) Ethanol	3.58	45	15118	0.706	ppbv #	13
15) Acetone	3.83	43	105716	0.675	ppbv #	87
20) Methylene Chloride	4.32	84	51076	0.806	ppbv	93
25) Ethyl Acetate	5.68	43	29967	0.106	ppbv #	83
26) Hexane	5.67	57	39859	0.313	ppbv #	42
27) Carbon Disulfide	4.53	76	1639503	12.436	ppbv	98
39) 1,2-Dichloropropane	7.18	63	810505	9.028	ppbv #	24

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062220\

Quantitation Report (Not Reviewed)

Data File : VL035111.D
Acq On : 22 Jun 2020 14:56
Operator : SY/AP
Sample : L3075-01DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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Quant Time: Jun 22 15:25:27 2020
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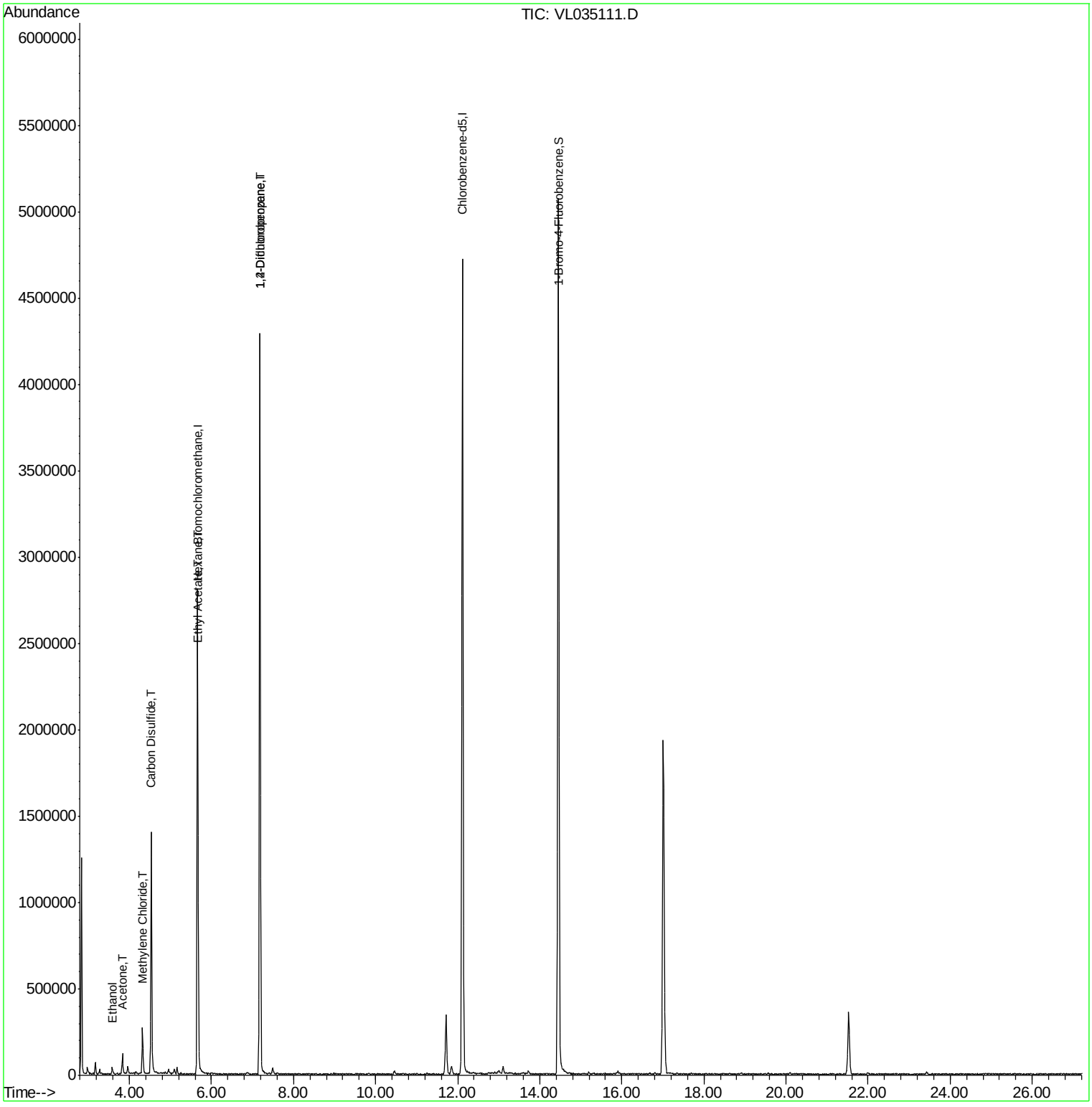
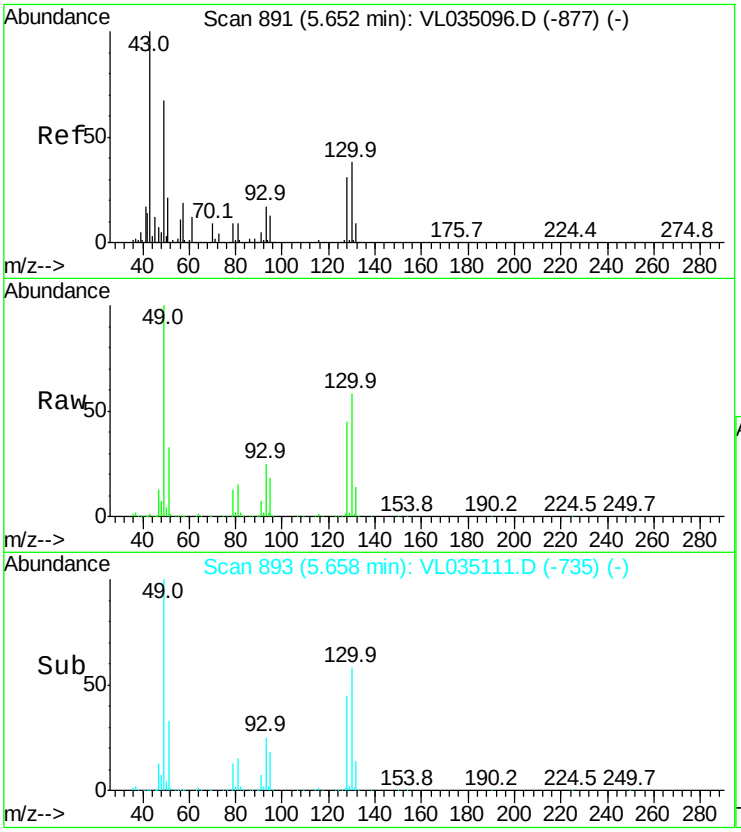


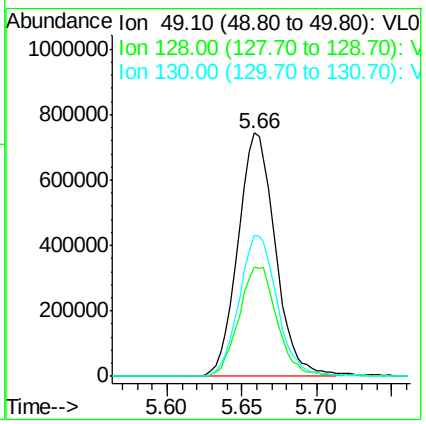


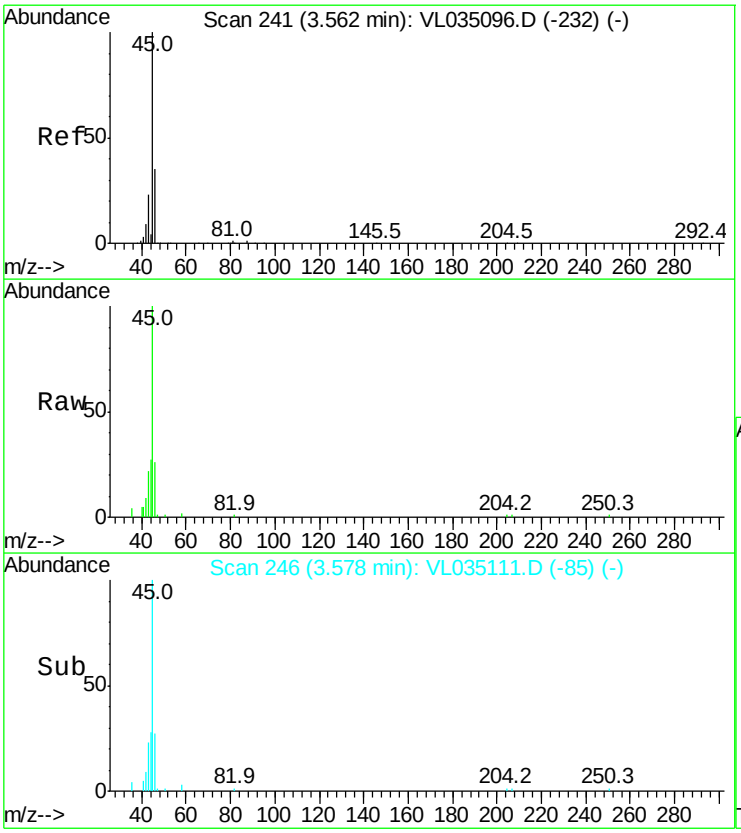
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 893
Delta R.T. 0.01 min
Lab File: VL035111.D
Acq: 22 Jun 2020 14:56

Instrument :
MSVOA_L
ClientSampleId :
CARBON-01DL2

Tgt Ion: 49 Resp: 1294946

Ion	Ratio	Lower	Upper
49	100		
128	46.8	22.9	68.5
130	59.1	29.0	87.0

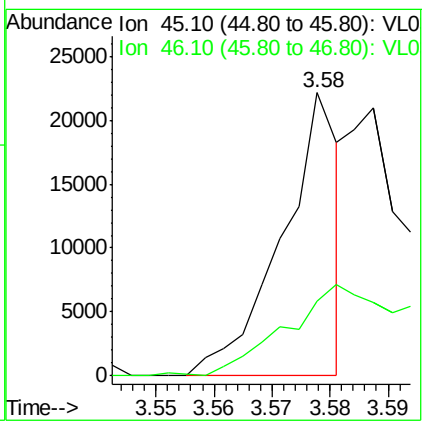


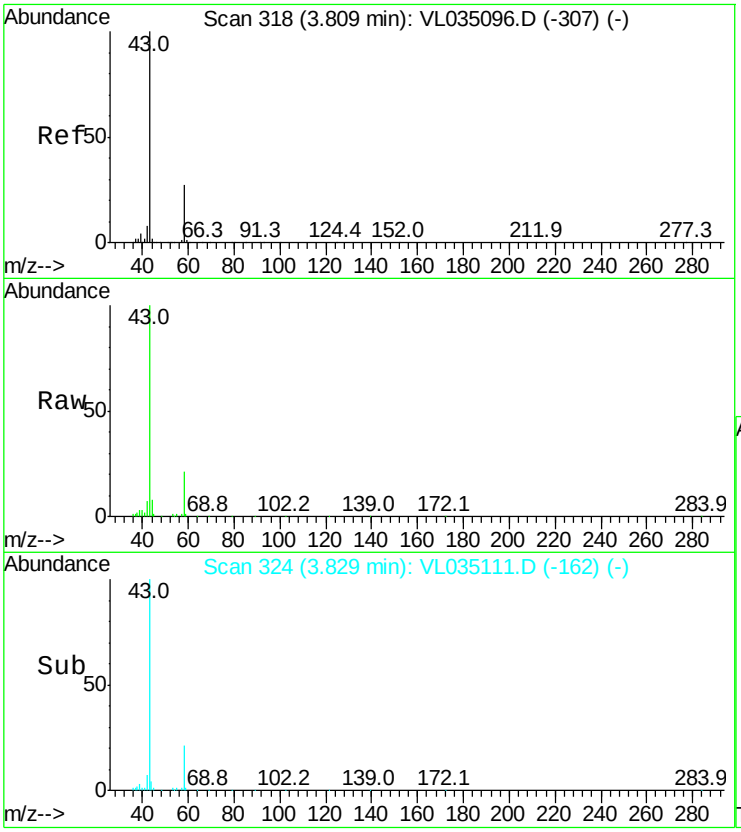


#13
Ethanol
Concen: 0.706 ppbv
RT: 3.58 min Scan# 246
Delta R.T. 0.02 min
Lab File: VL035111.D
Acq: 22 Jun 2020 14:56

Tgt Ion: 45 Resp: 15118

Ion	Ratio	Lower	Upper
45	100		
46	86.6	14.2	57.0#



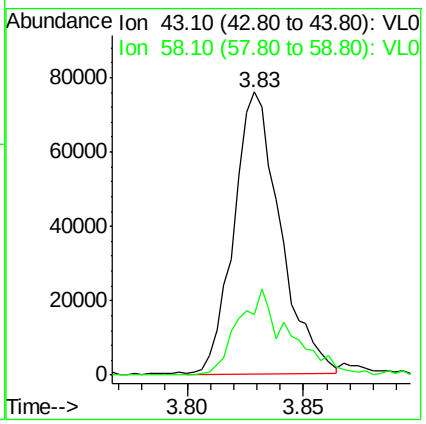


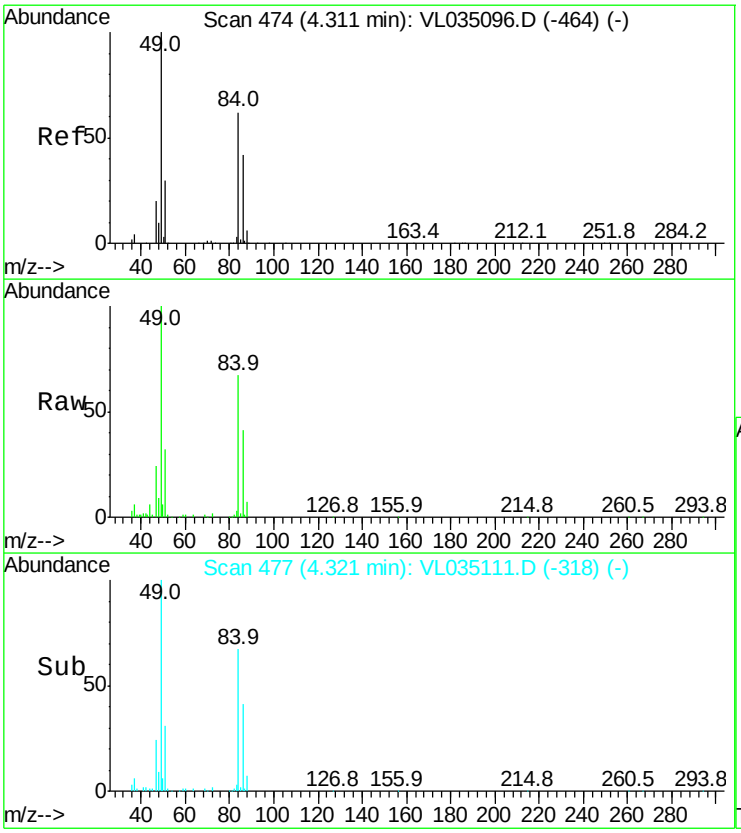
#15
Acetone
Concen: 0.675 ppbv
RT: 3.83 min Scan# 324
Delta R.T. 0.02 min
Lab File: VL035111.D
Acq: 22 Jun 2020 14:56

Instrument : MSVOA_L
ClientSampleId : CARBON-01DL2

Tgt Ion: 43 Resp: 105716

Ion	Ratio	Lower	Upper
43	100		
58	34.2	21.8	32.6#

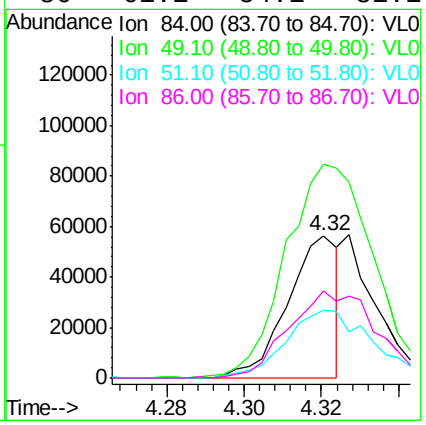


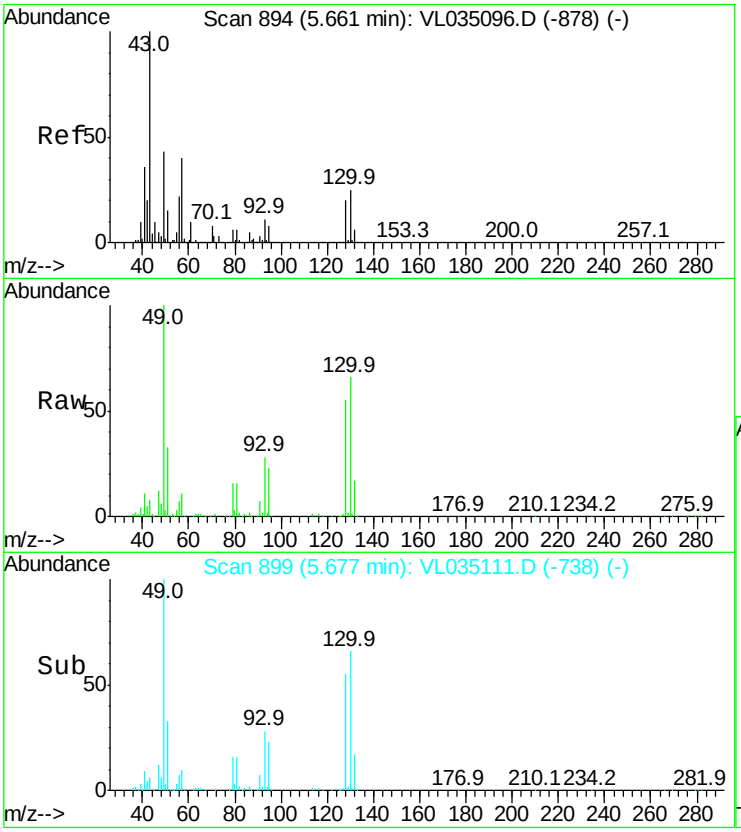


#20
Methylene Chloride
Concen: 0.806 ppbv
RT: 4.32 min Scan# 477
Delta R.T. 0.01 min
Lab File: VL035111.D
Acq: 22 Jun 2020 14:56

Tgt Ion: 84 Resp: 51076

Ion	Ratio	Lower	Upper
84	100		
49	150.3	128.8	193.2
51	47.9	38.7	58.1
86	61.1	54.1	81.1



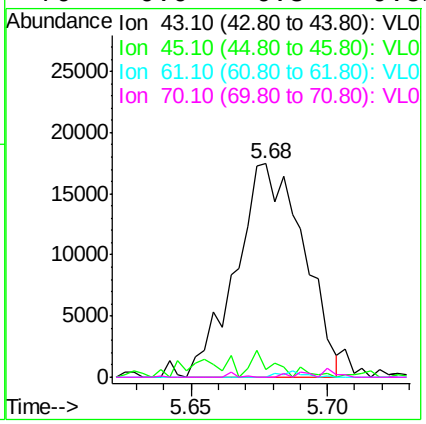


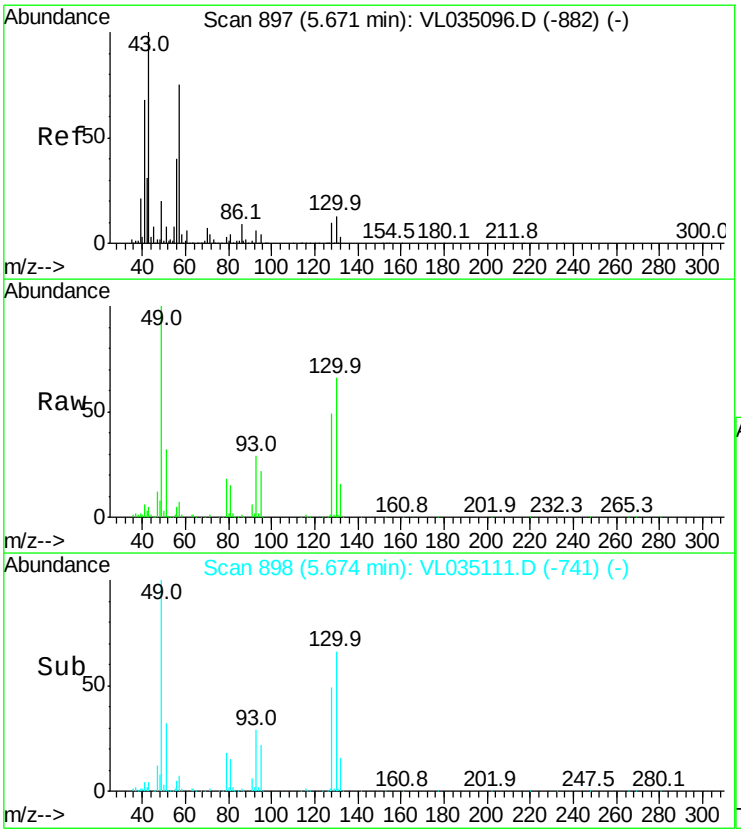
#25
Ethyl Acetate
Concen: 0.106 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.02 min
Lab File: VL035111.D
Acq: 22 Jun 2020 14:56

Instrument : MSVOA_L
ClientSampleId : CARBON-01DL2

Tgt Ion: 43 Resp: 29967

Ion	Ratio	Lower	Upper
43	100		
45	9.7	8.4	12.6
61	0.0	8.0	12.0#
70	0.0	6.3	9.5#

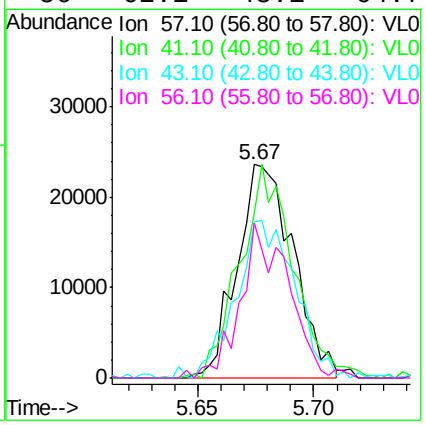


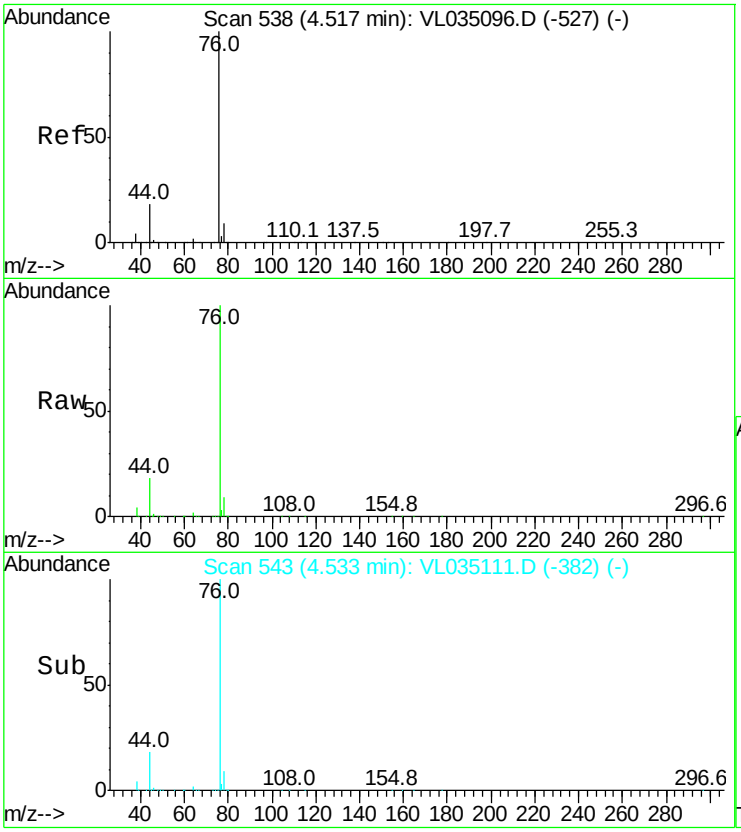


#26
Hexane
Concen: 0.313 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.00 min
Lab File: VL035111.D
Acq: 22 Jun 2020 14:56

Tgt Ion: 57 Resp: 39859

Ion	Ratio	Lower	Upper
57	100		
41	96.5	72.9	109.3
43	78.2	181.3	271.9#
56	62.1	43.1	64.7



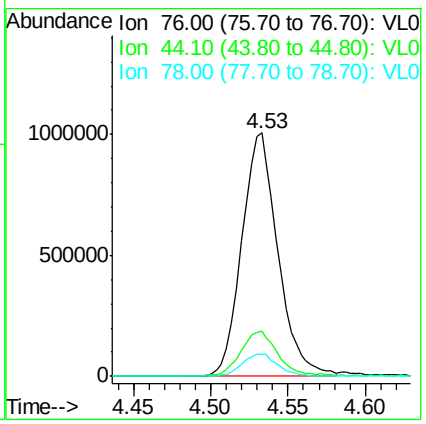


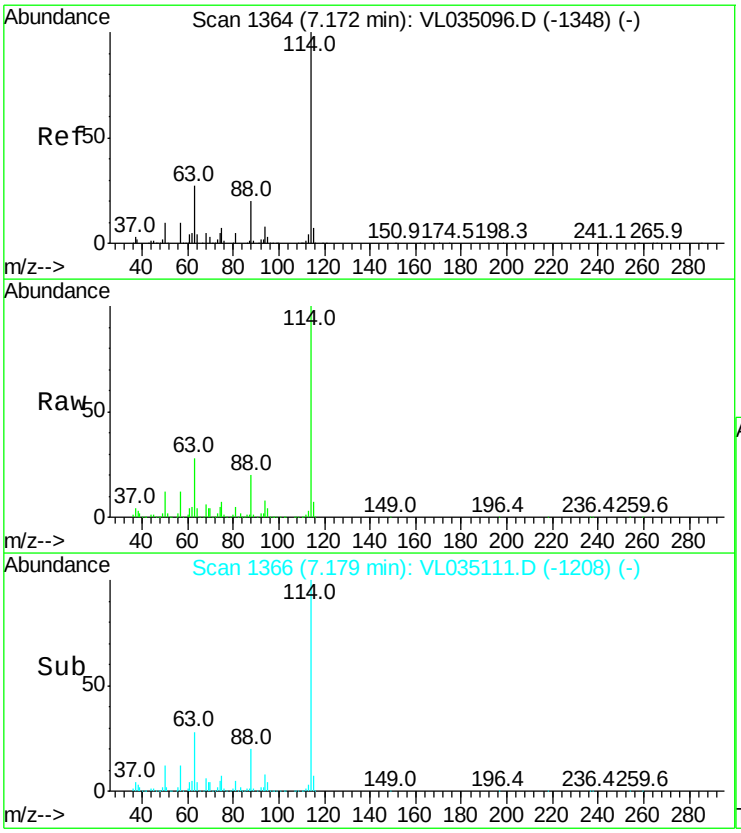
#27
Carbon Disulfide
Concen: 12.436 ppbv
RT: 4.53 min Scan# 543
Delta R.T. 0.02 min
Lab File: VL035111.D
Acq: 22 Jun 2020 14:56

Instrument : MSVOA_L
ClientSampleId : CARBON-01DL2

Tgt Ion: 76 Resp: 1639503

Ion	Ratio	Lower	Upper
76	100		
44	18.7	15.8	23.8
78	9.6	7.6	11.4

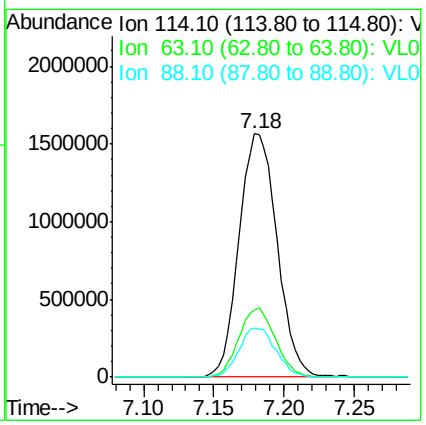


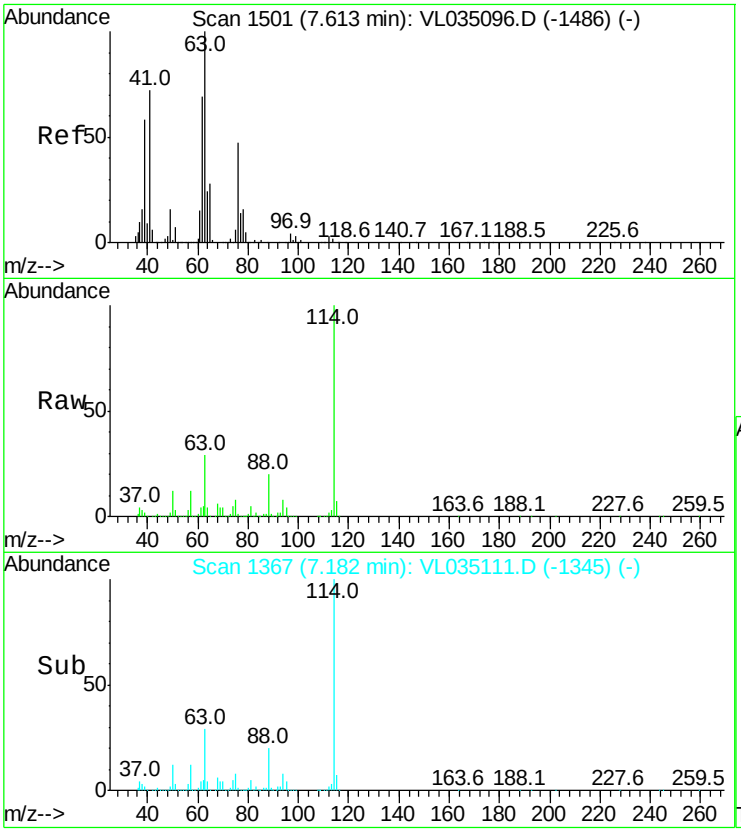


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. 0.01 min
Lab File: VL035111.D
Acq: 22 Jun 2020 14:56

Tgt Ion:114 Resp: 2964376

Ion	Ratio	Lower	Upper
114	100		
63	27.5	21.9	32.9
88	19.7	15.6	23.4



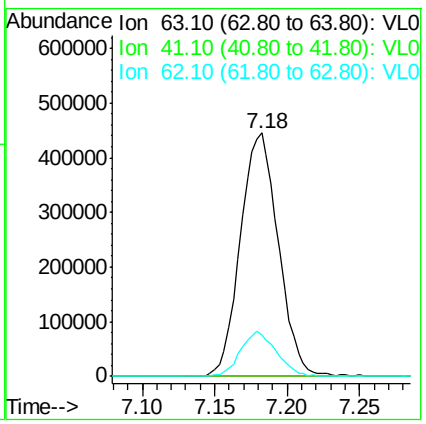


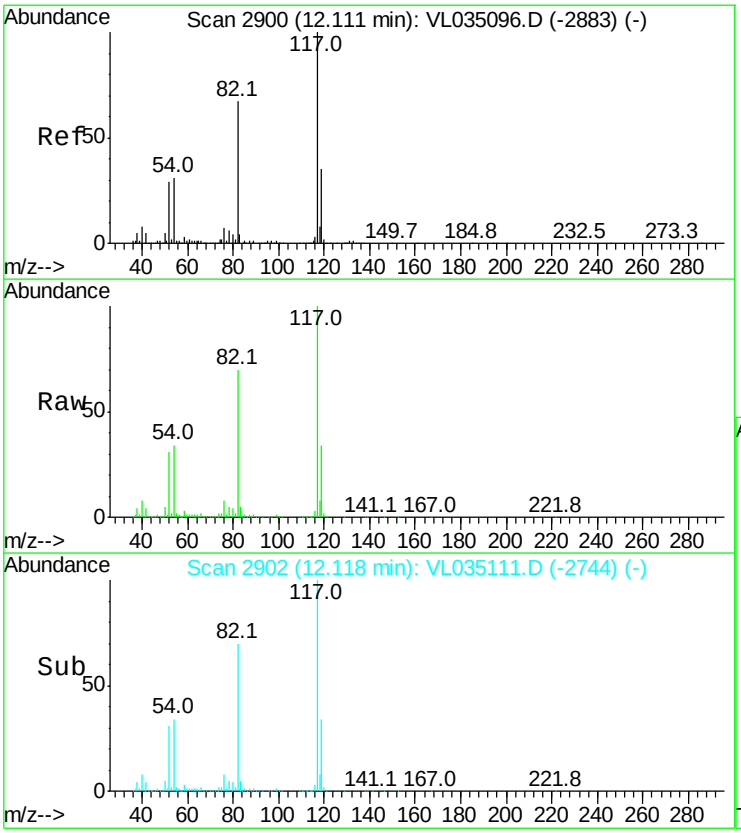
#39
1,2-Dichloropropane
Concen: 9.028 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. -0.43 min
Lab File: VL035111.D
Acq: 22 Jun 2020 14:56

Instrument :
MSVOA_L
ClientSampleId :
CARBON-01DL2

Tgt Ion: 63 Resp: 810505

Ion	Ratio	Lower	Upper
63	100		
41	0.0	58.0	87.0#
62	16.9	55.4	83.0#

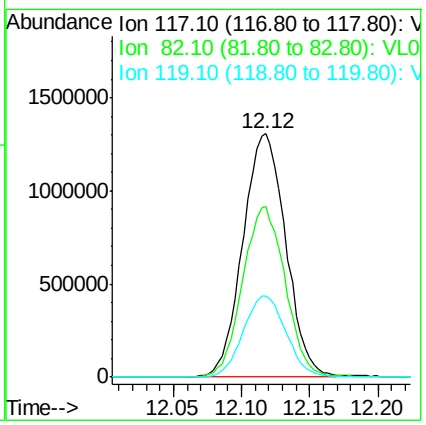


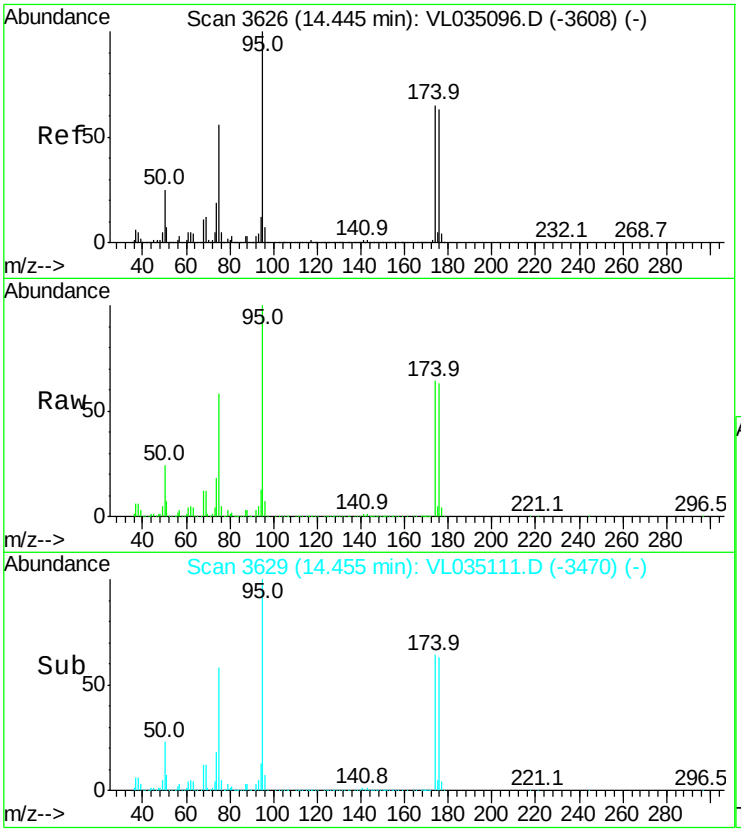


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. 0.01 min
Lab File: VL035111.D
Acq: 22 Jun 2020 14:56

Tgt Ion:117 Resp: 2854737

Ion	Ratio	Lower	Upper
117	100		
82	69.9	50.4	75.6
119	33.4	25.4	38.0





#68
1-Bromo-4-Fluorobenzene
Concen: 10.365 ppbv
RT: 14.46 min Scan# 3629
Delta R.T. 0.01 min
Lab File: VL035111.D
Acq: 22 Jun 2020 14:56

Instrument :
MSVOA_L
ClientSampleId :
CARBON-01DL2

Tgt Ion: 95 Resp: 2458043

Ion	Ratio	Lower	Upper
95	100		
174	64.3	52.2	78.2
175	4.9	4.0	6.0