Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL072920\
Data File : VL035246.D
Acq On : 29 Jul 2020 14:52
Operator : SY/AP
Sample : L3474-01DL2 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Jul 30 02:49:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL072920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 29 07:14:29 2020
QLast Update : Wed Jul 29 07:14:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1270118	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3068843	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2884092	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.46	95	2311075	10.03	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.30%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.92	51	214404	1.525	ppbv #	56
13) Ethanol	3.57	45	259657	13.018	ppbv	99
15) Acetone	3.82	43	1149638	6.786	ppbv	99
17) tert-Butyl alcohol	3.94	59	129853	0.794	ppbv	99
19) Isopropyl Alcohol	3.93	45	3571604	31.965	ppbv #	98
20) Methylene Chloride	4.32	84	216462	2.807	ppbv	92
21) Allyl Chloride	4.32	41	7119	0.074	ppbv #	33
25) Ethyl Acetate	5.68	43	156251	0.591	ppbv #	77
26) Hexane	5.67	57	219674	1.841	ppbv #	42
29) Chloroform	5.74	83	176528	0.882	ppbv	93
30) Cyclohexane	7.17	84	9806	0.115	ppbv #	1
39) 1,2-Dichloropropane	7.18	63	836140	9.826	ppbv #	23
53) Toluene	9.82	91	7239	0.032	ppbv #	20

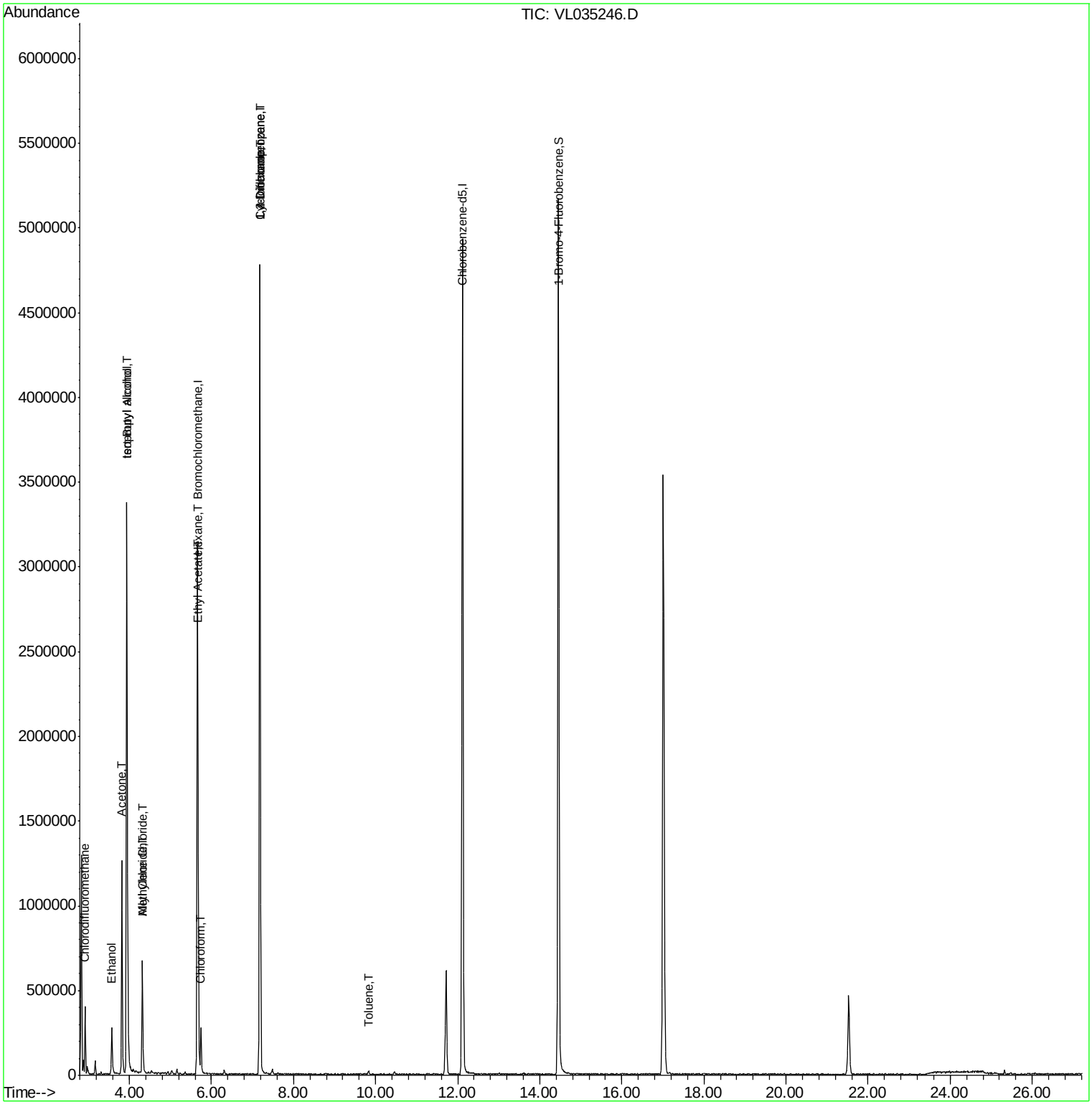
(#) = qualifier out of range (m) = manual integration (+) = signals summed

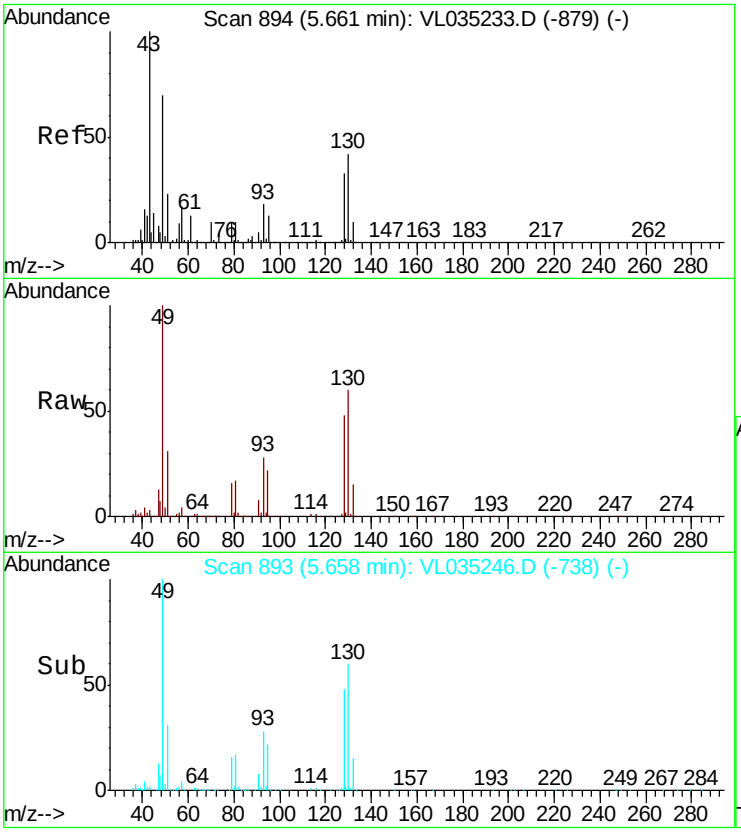
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL072920\
Data File : VL035246.D
Acq On : 29 Jul 2020 14:52
Operator : SY/AP
Sample : L3474-01DL2 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Jul 30 02:49:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL072920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 29 07:14:29 2020
QLast Update : Wed Jul 29 07:14:29 2020
Response via : Initial Calibration



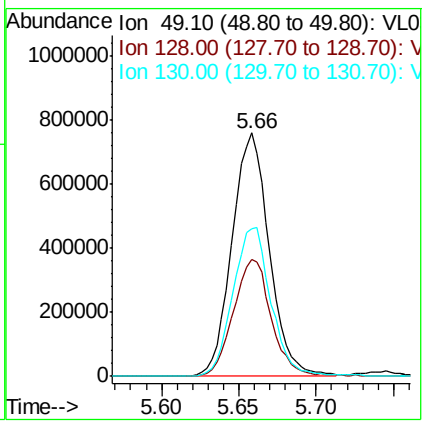


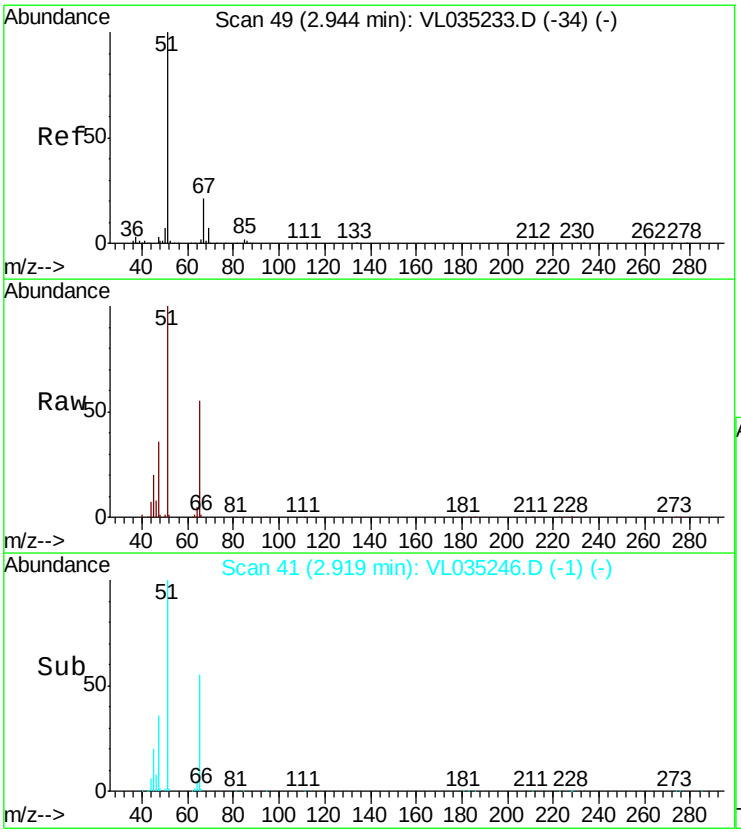
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.00 min
Lab File: VL035246.D
Acq: 29 Jul 2020 14:52

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1270118

Ion	Ratio	Lower	Upper
49	100		
128	49.1	24.0	72.0
130	62.8	30.7	92.1

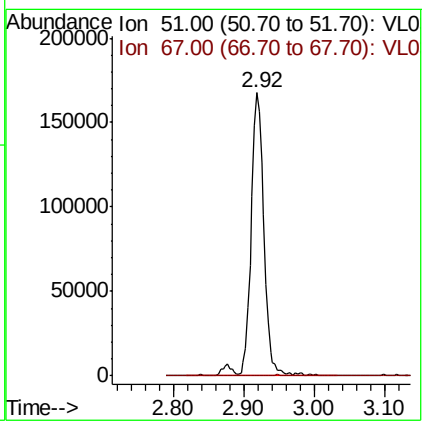


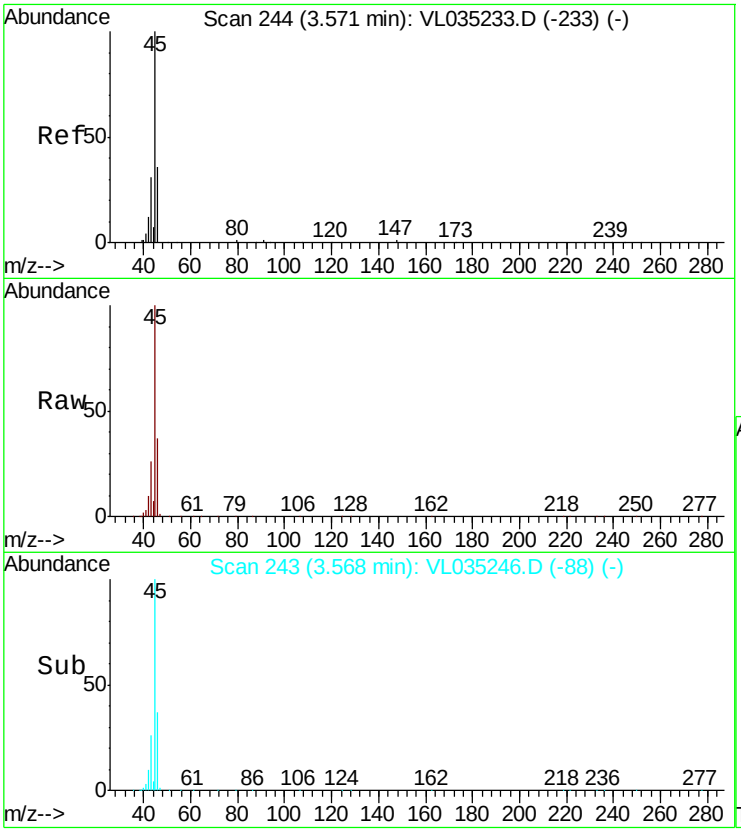


#3
Chlorodifluoromethane
Concen: 1.525 ppbv
RT: 2.92 min Scan# 41
Delta R.T. -0.03 min
Lab File: VL035246.D
Acq: 29 Jul 2020 14:52

Tgt Ion: 51 Resp: 214404

Ion	Ratio	Lower	Upper
51	100		
67	0.4	16.6	25.0#



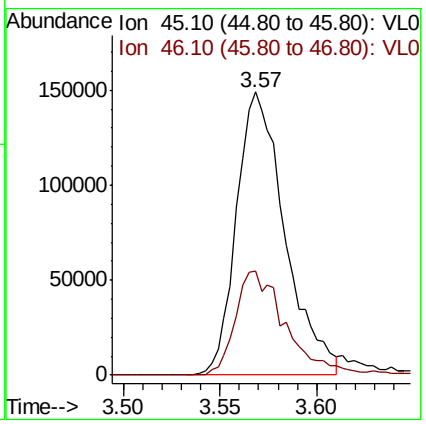


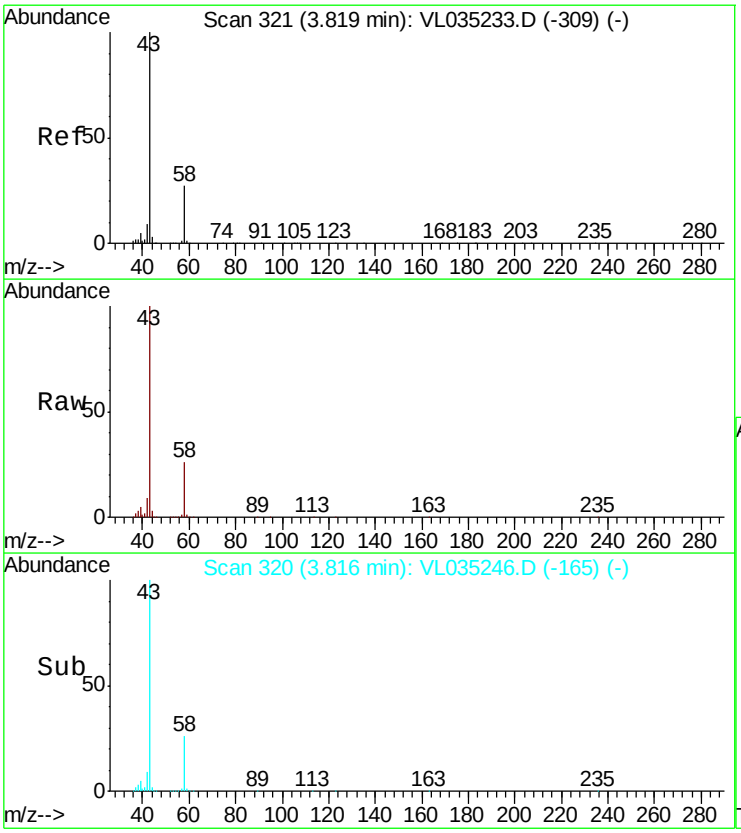
#13
Ethanol
Concen: 13.018 ppbv
RT: 3.57 min Scan# 243
Delta R.T. -0.00 min
Lab File: VL035246.D
Acq: 29 Jul 2020 14:52

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 259657

Ion	Ratio	Lower	Upper
45	100		
46	39.1	15.8	63.4

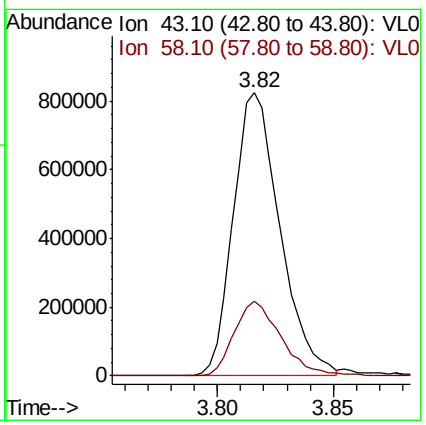


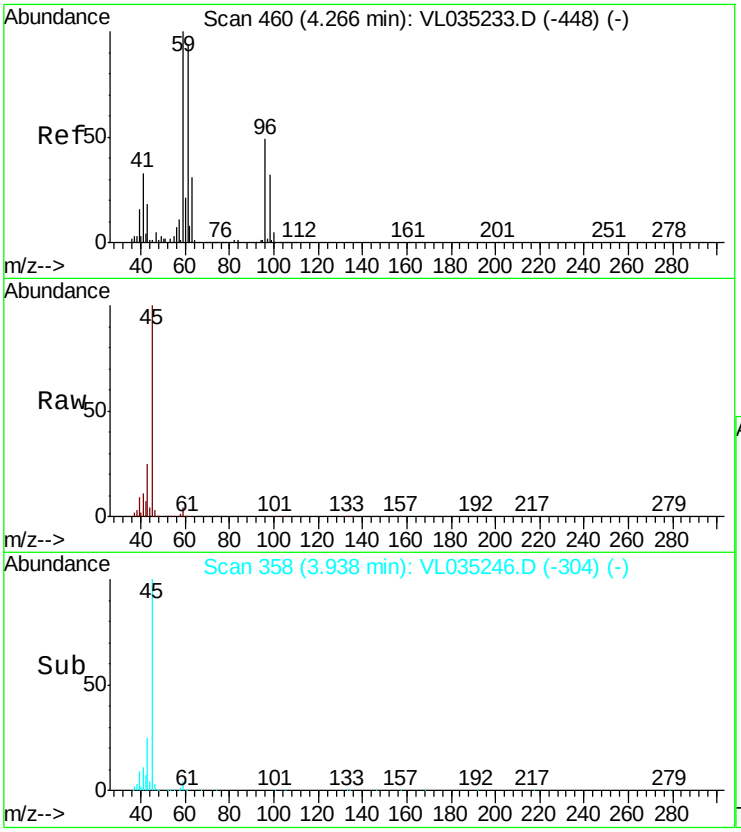


#15
Acetone
Concen: 6.786 ppbv
RT: 3.82 min Scan# 320
Delta R.T. -0.00 min
Lab File: VL035246.D
Acq: 29 Jul 2020 14:52

Tgt Ion: 43 Resp: 1149638

Ion	Ratio	Lower	Upper
43	100		
58	26.7	21.8	32.6



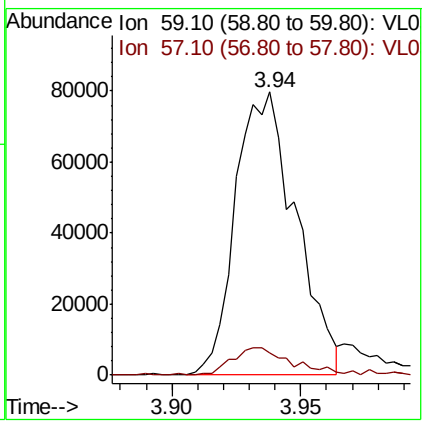


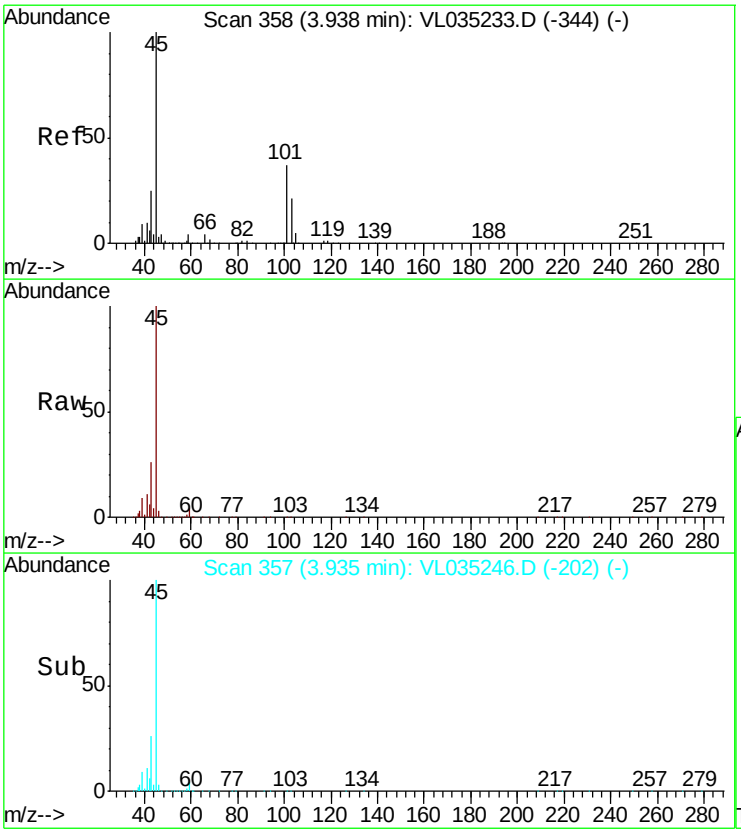
#17
tert-Butyl alcohol
Concen: 0.794 ppbv
RT: 3.94 min Scan# 358
Delta R.T. -0.33 min
Lab File: VL035246.D
Acq: 29 Jul 2020 14:52

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 59 Resp: 129853

Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.6	12.8

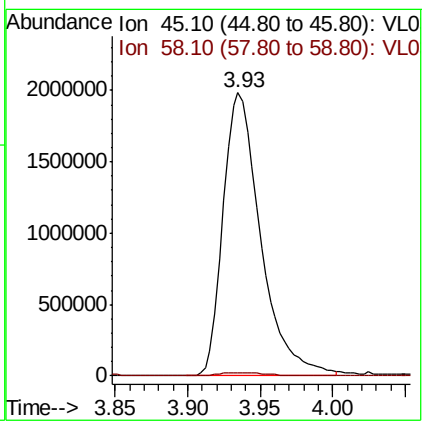


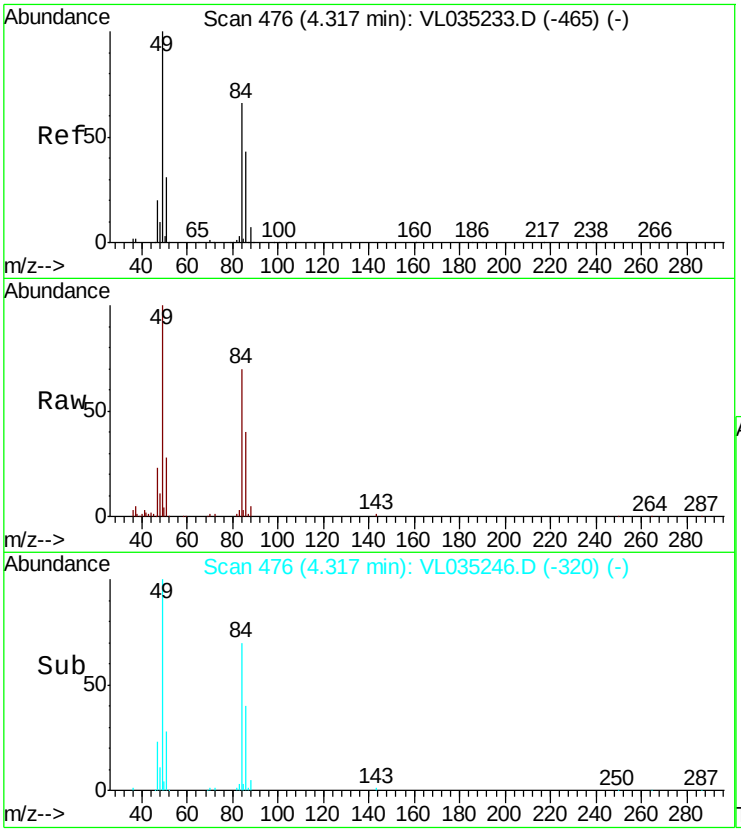


#19
Isopropyl Alcohol
Concen: 31.965 ppbv
RT: 3.93 min Scan# 357
Delta R.T. -0.00 min
Lab File: VL035246.D
Acq: 29 Jul 2020 14:52

Tgt Ion: 45 Resp: 3571604

Ion	Ratio	Lower	Upper
45	100		
58	1.6	1.9	2.9#



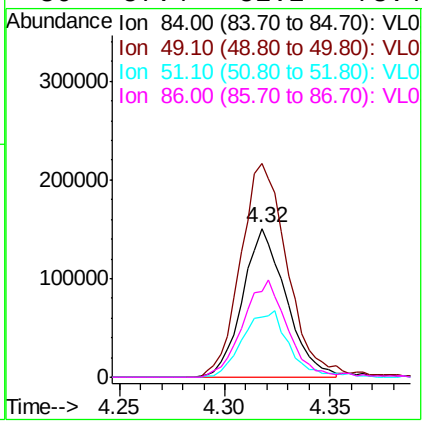


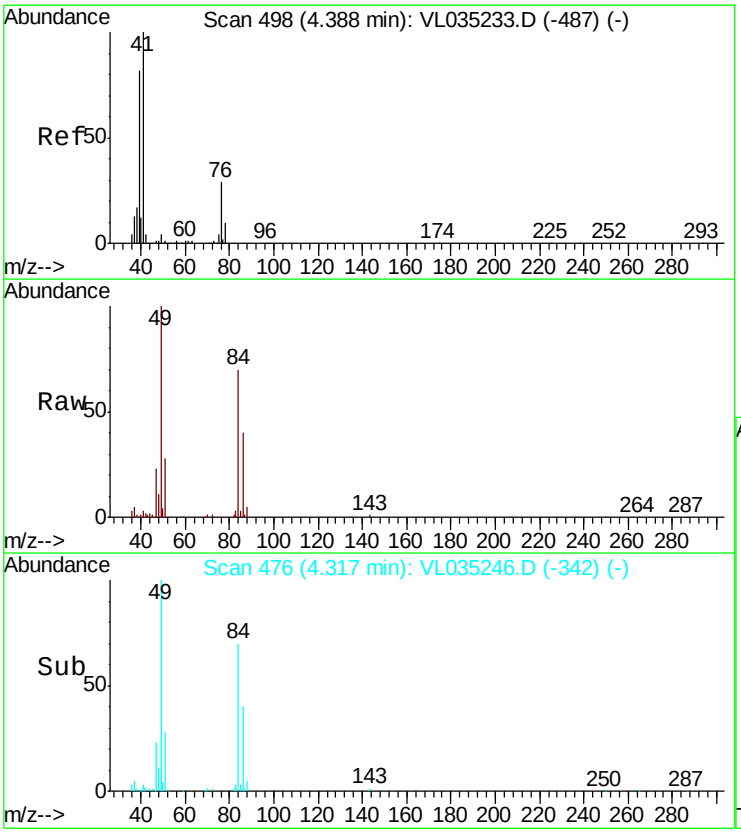
#20
Methylene Chloride
Concen: 2.807 ppbv
RT: 4.32 min Scan# 476
Delta R.T. 0.00 min
Lab File: VL035246.D
Acq: 29 Jul 2020 14:52

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 216462

Ion	Ratio	Lower	Upper
84	100		
49	143.7	121.0	181.4
51	40.6	37.7	56.5
86	57.4	52.2	78.4

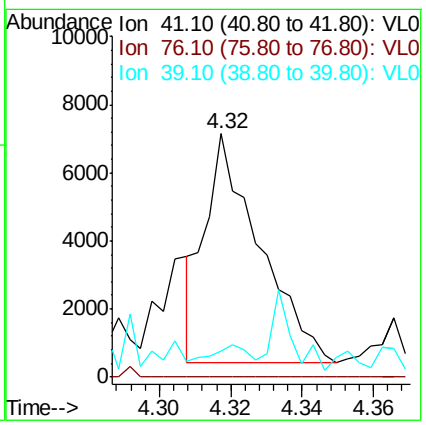


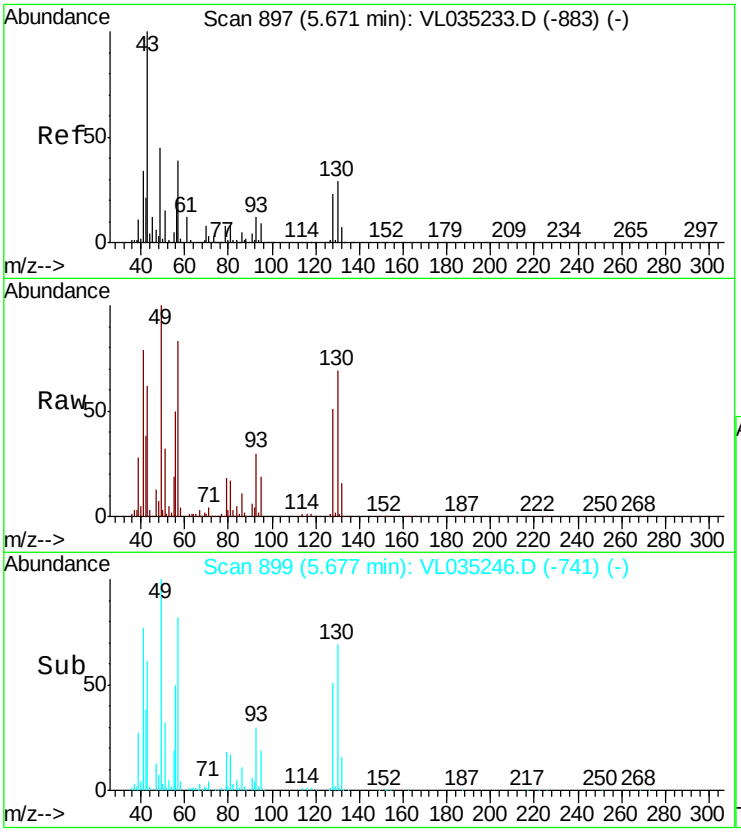


#21
Allyl Chloride
Concen: 0.074 ppbv
RT: 4.32 min Scan# 476
Delta R.T. -0.07 min
Lab File: VL035246.D
Acq: 29 Jul 2020 14:52

Tgt Ion: 41 Resp: 7119

Ion	Ratio	Lower	Upper
41	100		
76	33.8	24.4	36.6
39	0.0	63.8	95.8#



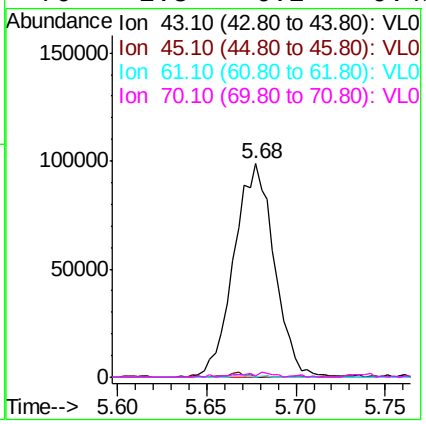


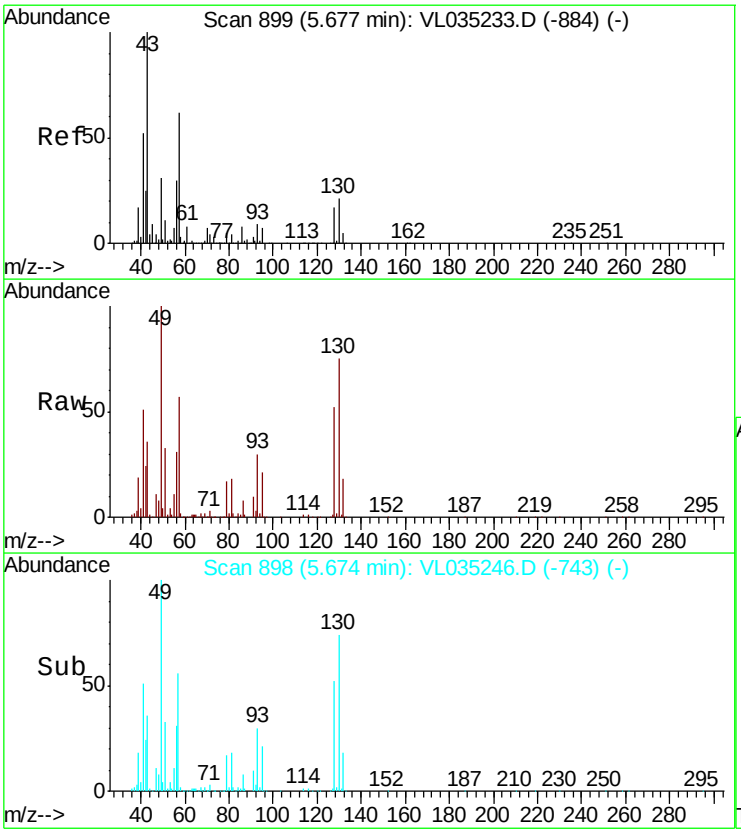
#25
Ethyl Acetate
Concen: 0.591 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.01 min
Lab File: VL035246.D
Acq: 29 Jul 2020 14:52

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 156251

Ion	Ratio	Lower	Upper
43	100		
45	1.4	8.5	12.7#
61	0.5	8.1	12.1#
70	2.3	6.2	9.4#

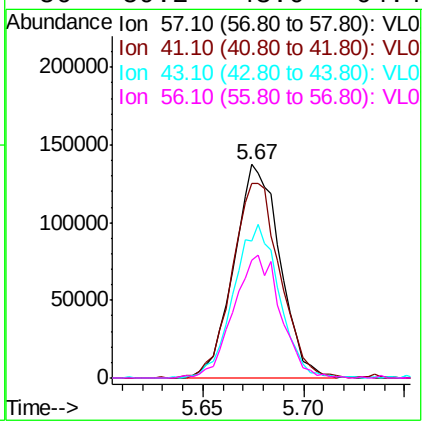


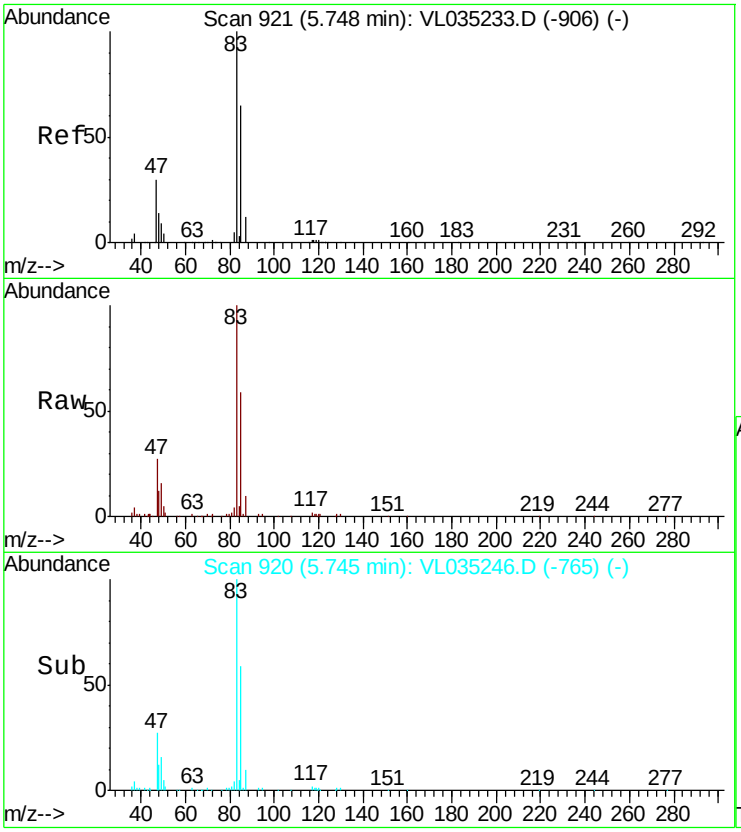


#26
Hexane
Concen: 1.841 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.00 min
Lab File: VL035246.D
Acq: 29 Jul 2020 14:52

Tgt Ion: 57 Resp: 219674

Ion	Ratio	Lower	Upper
57	100		
41	95.6	73.9	110.9
43	71.9	177.6	266.4#
56	59.2	43.0	64.4



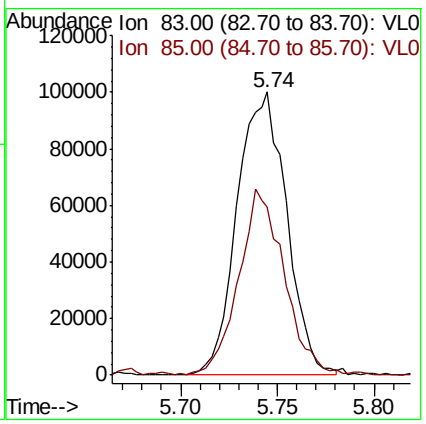


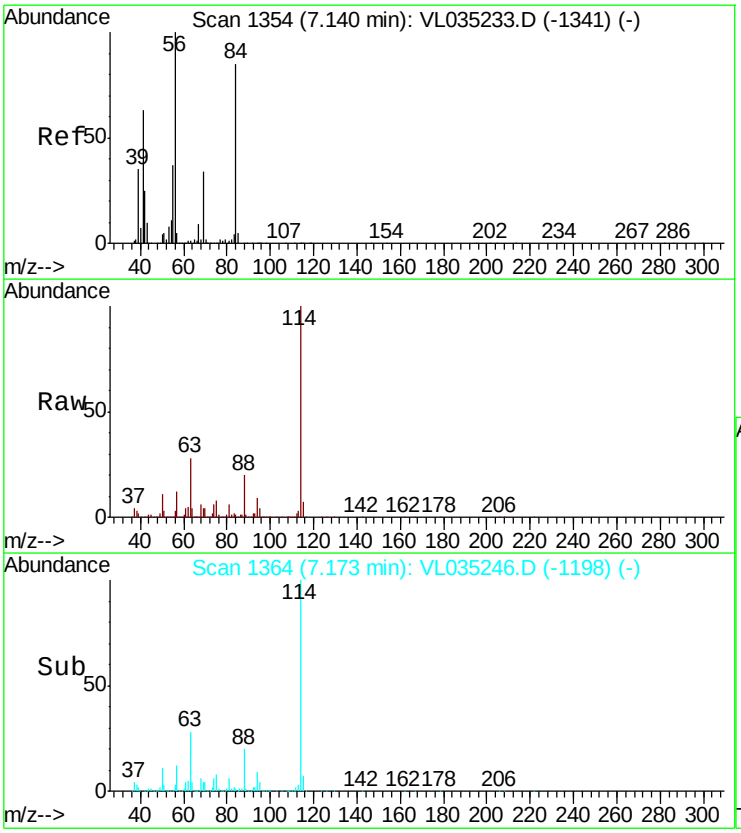
#29
Chloroform
Concen: 0.882 ppbv
RT: 5.74 min Scan# 920
Delta R.T. -0.00 min
Lab File: VL035246.D
Acq: 29 Jul 2020 14:52

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 176528

Ion	Ratio	Lower	Upper
83	100		
85	59.2	51.7	77.5

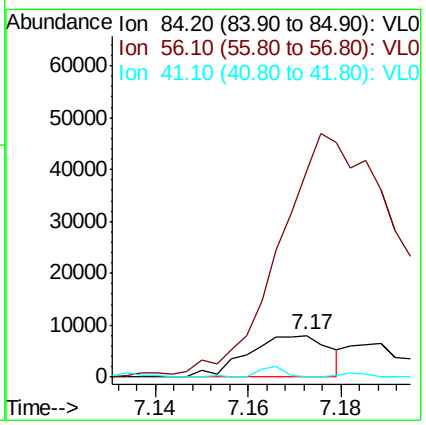


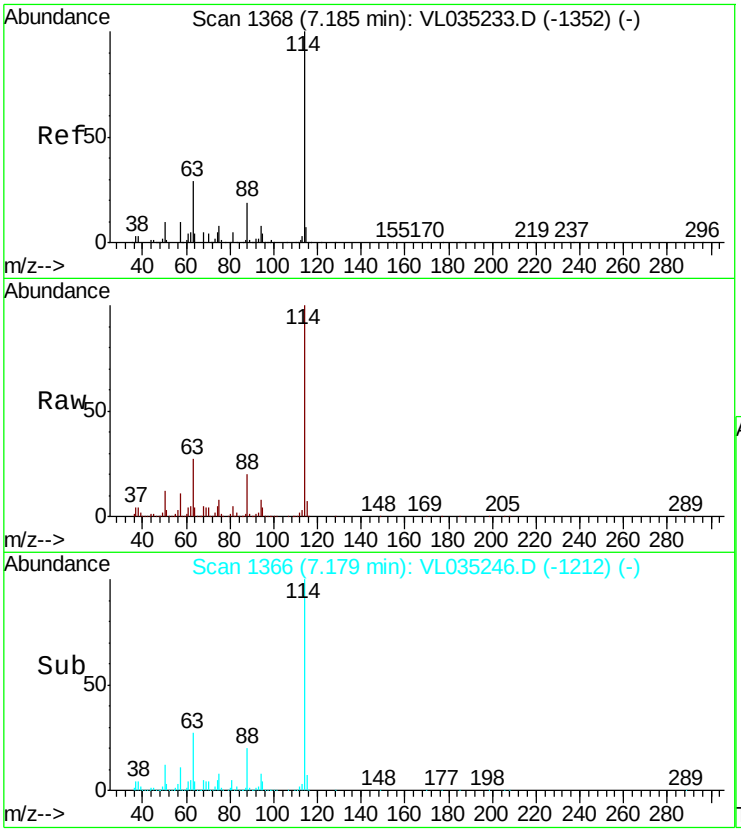


#30
Cyclohexane
Concen: 0.115 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. 0.03 min
Lab File: VL035246.D
Acq: 29 Jul 2020 14:52

Tgt Ion: 84 Resp: 9806

Ion	Ratio	Lower	Upper
84	100		
56	857.6	104.2	156.2#
41	15.5	63.7	95.5#



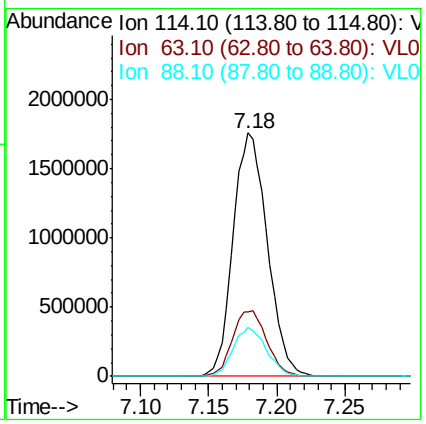


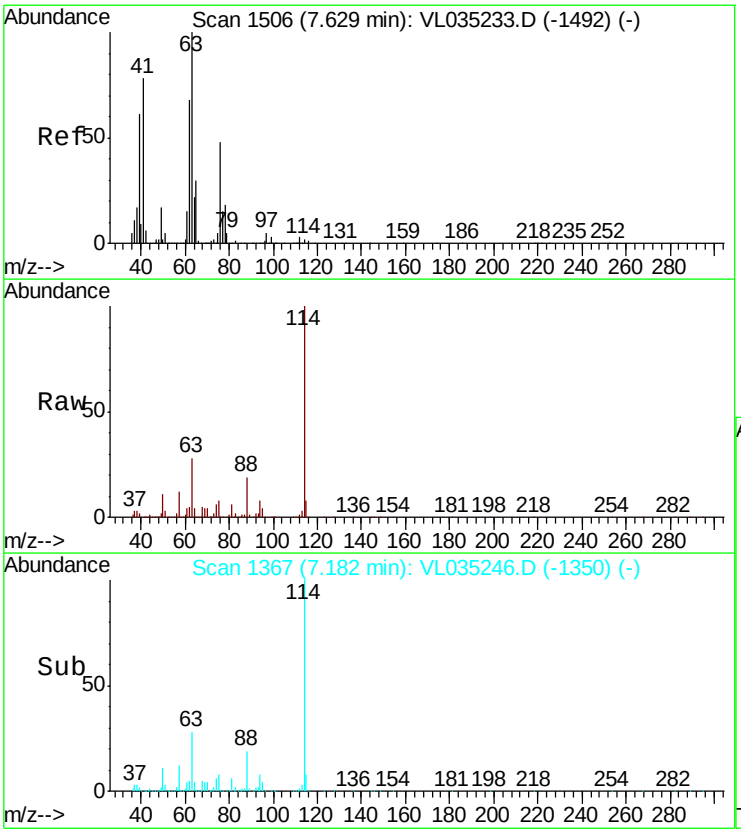
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.01 min
Lab File: VL035246.D
Acq: 29 Jul 2020 14:52

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 3068843

Ion	Ratio	Lower	Upper
114	100		
63	27.3	22.2	33.2
88	19.4	15.4	23.0

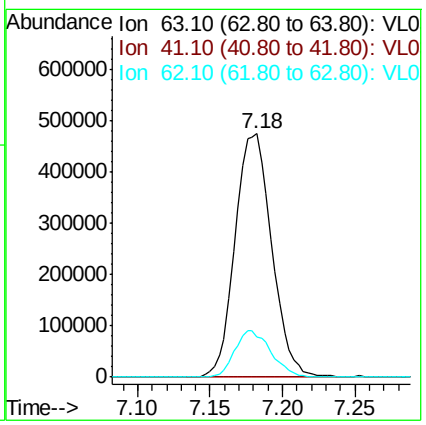


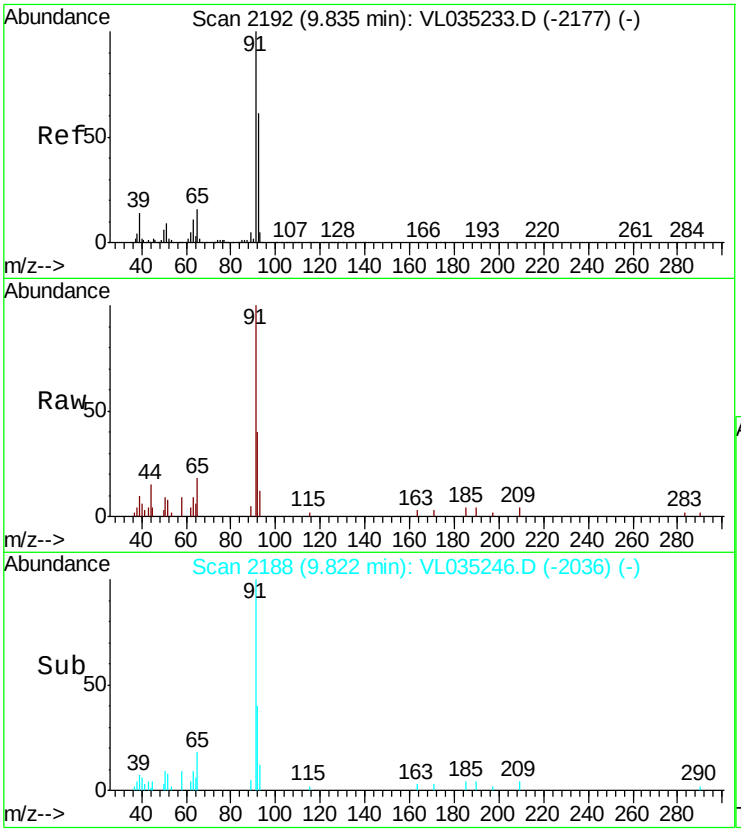


#39
1,2-Dichloropropane
Concen: 9.826 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. -0.45 min
Lab File: VL035246.D
Acq: 29 Jul 2020 14:52

Tgt Ion: 63 Resp: 836140

Ion	Ratio	Lower	Upper
63	100		
41	0.1	62.2	93.4#
62	16.4	54.2	81.2#



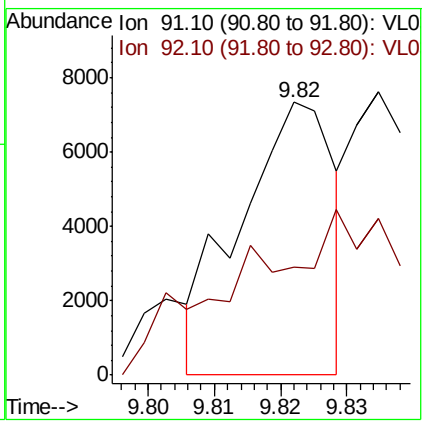


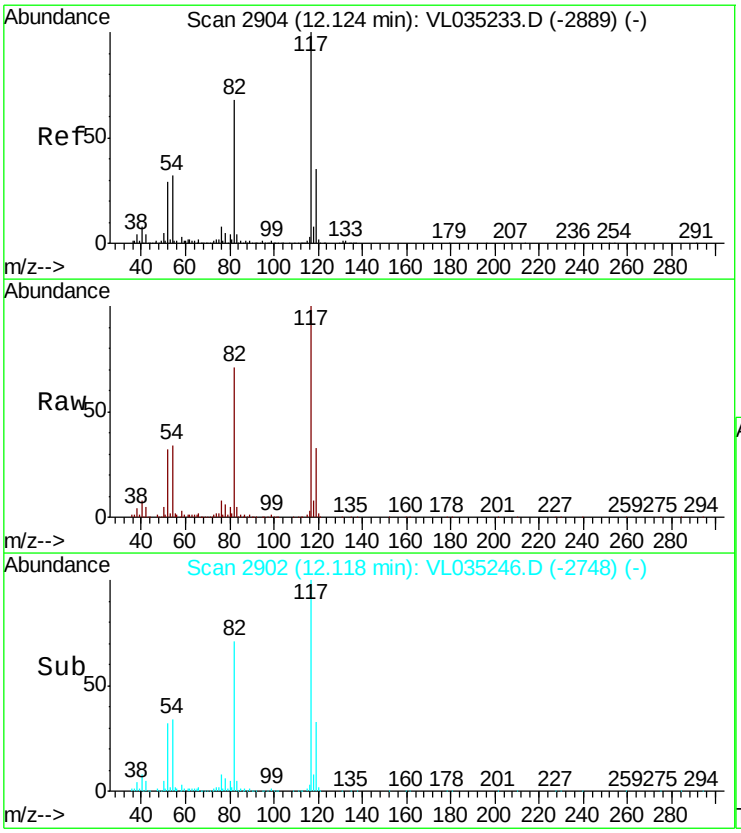
#53
Toluene
Concen: 0.032 ppbv
RT: 9.82 min Scan# 2188
Delta R.T. -0.01 min
Lab File: VL035246.D
Acq: 29 Jul 2020 14:52

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 7239

Ion	Ratio	Lower	Upper
91	100		
92	0.0	48.5	72.7#

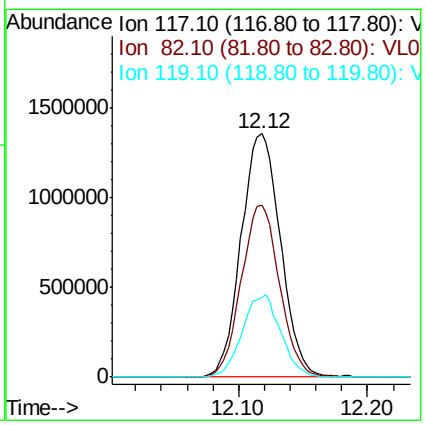


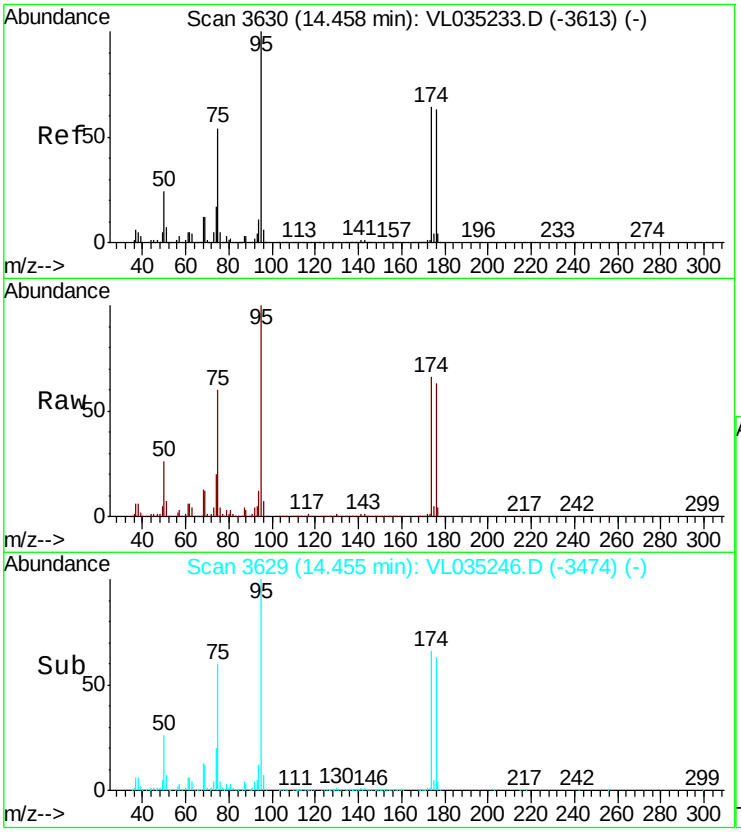


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. -0.01 min
Lab File: VL035246.D
Acq: 29 Jul 2020 14:52

Tgt Ion:117 Resp: 2884092

Ion	Ratio	Lower	Upper
117	100		
82	69.0	52.4	78.6
119	33.2	24.6	36.8





#68
1-Bromo-4-Fluorobenzene
Concen: 10.028 ppbv
RT: 14.46 min Scan# 3629
Delta R.T. -0.00 min
Lab File: VL035246.D
Acq: 29 Jul 2020 14:52

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2311075

Ion	Ratio	Lower	Upper
95	100		
174	66.0	52.7	79.1
175	4.8	3.9	5.9