Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101220\
Data File : VL035765.D
Acq On : 12 Oct 2020 17:17
Operator : SY/AP
Sample : L4347-03DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 3DL

Quant Time: Oct 13 00:05:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 23 07:38:05 2020
QLast Update : Wed Sep 23 07:38:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1146782	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.17	114	4247934	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.09	117	4217546	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	3074362	9.73	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.04	85	12446	0.066	ppbv	91
3) Chlorodifluoromethane	2.98	51	12419	0.101	ppbv #	74
4) Chloromethane	3.13	50	8654	0.131	ppbv	92
9) Propene	3.02	41	9022	0.201	ppbv	84
13) Ethanol	3.60	45	63674	5.764	ppbv	98
15) Acetone	3.85	43	162805	1.319	ppbv	96
19) Isopropyl Alcohol	3.98	45	30644	0.457	ppbv #	88
20) Methylene Chloride	4.34	84	107858	1.190	ppbv	97
23) Vinyl Acetate	5.06	43	9625	0.064	ppbv #	77
25) Ethyl Acetate	5.68	43	19622	0.088	ppbv #	95
26) Hexane	5.68	57	48227	0.396	ppbv #	55
34) 2-Butanone	5.26	43	10064	0.072	ppbv	96
39) 1,2-Dichloropropane	7.17	63	844612	8.419	ppbv #	31
53) Toluene	9.81	91	97286	0.298	ppbv	95

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

Quantitation Report (Not Reviewed)

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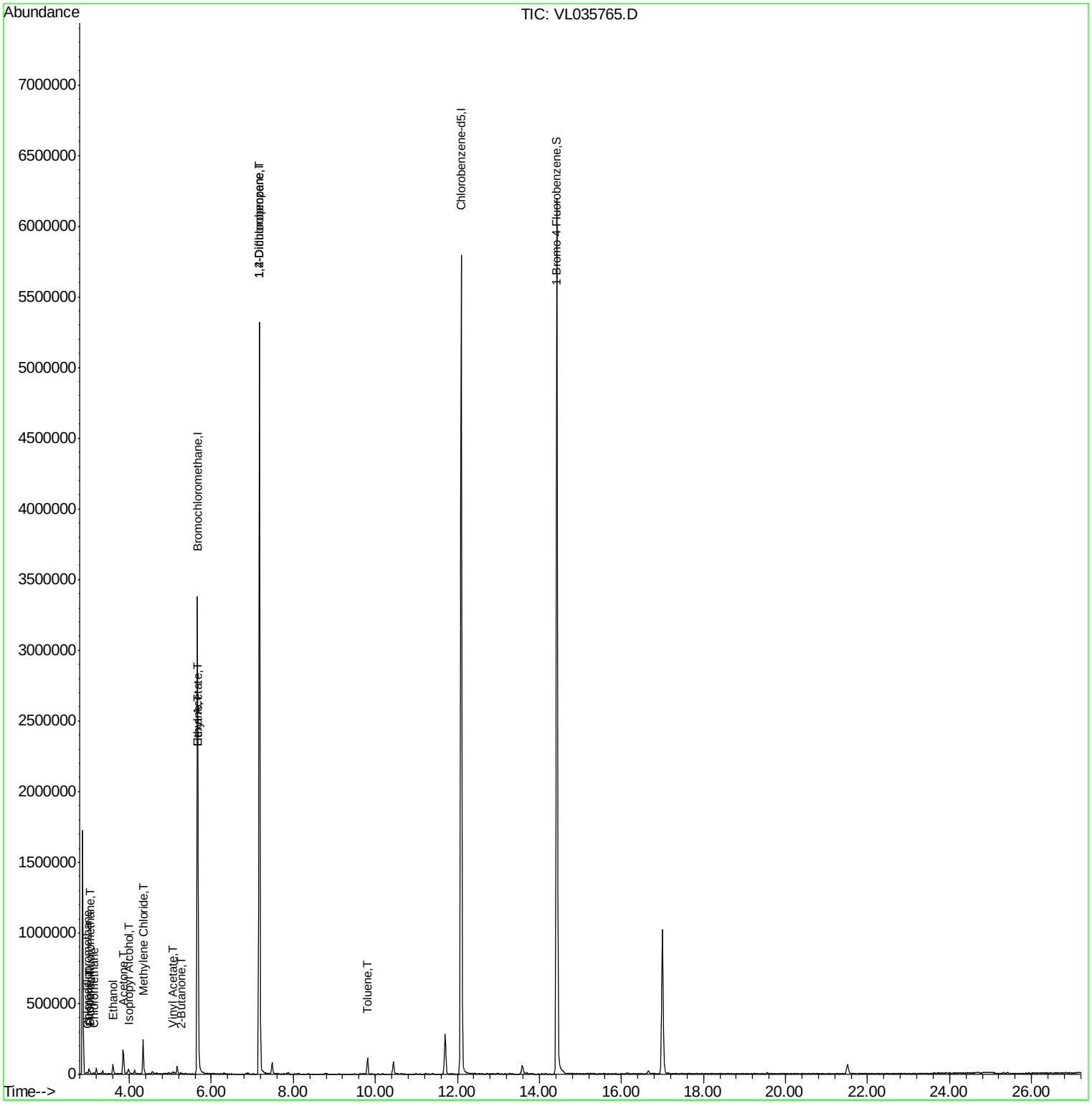
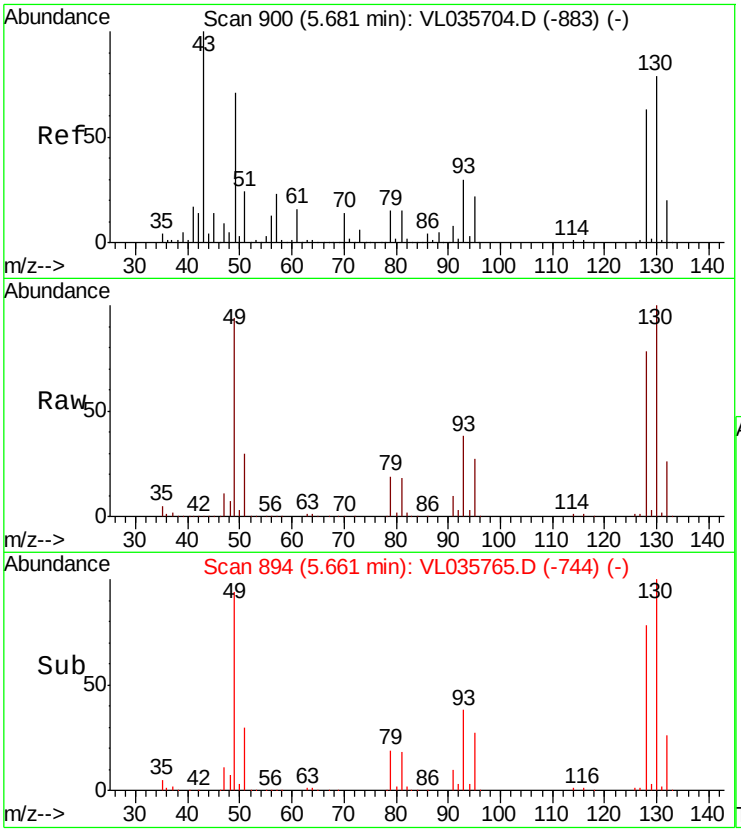


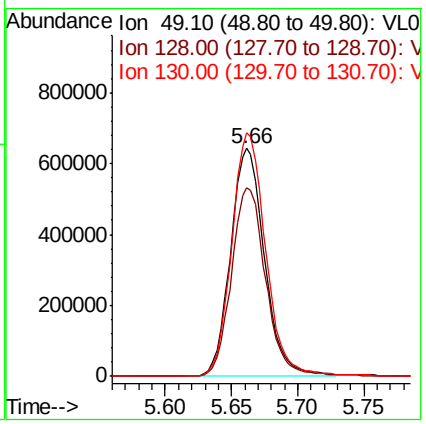


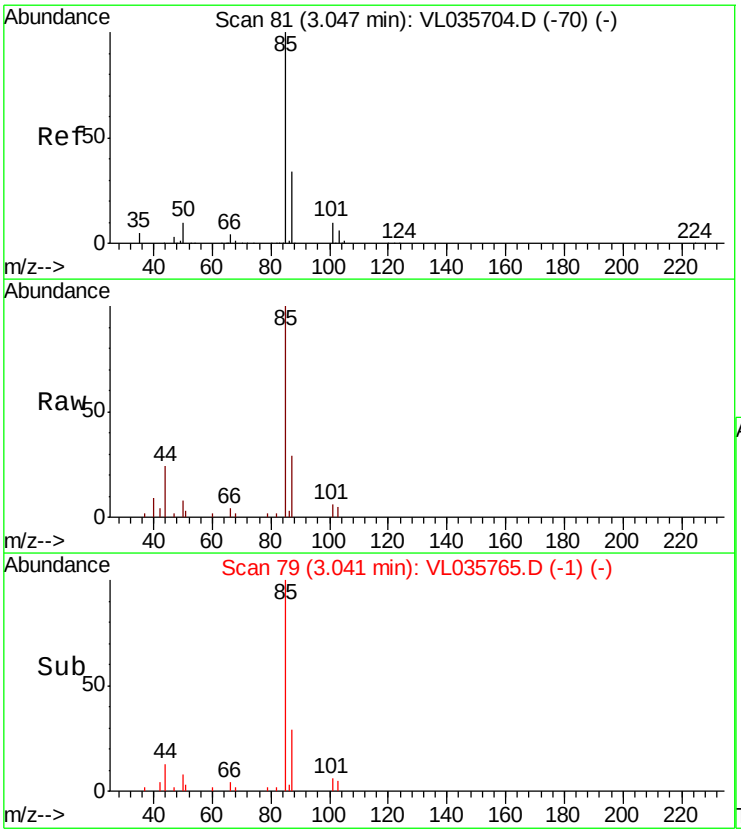
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.02 min
Lab File: VL035765.D
Acq: 12 Oct 2020 17:17

Instrument :
MSVOA_L
ClientSampleId :
3DL

Tgt Ion: 49 Resp: 1146782

Ion	Ratio	Lower	Upper
49	100		
128	83.8	43.1	129.4
130	107.4	54.9	164.7

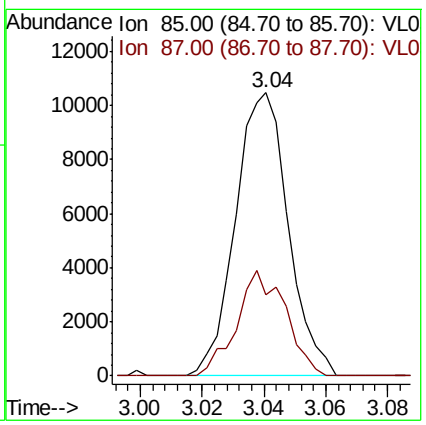


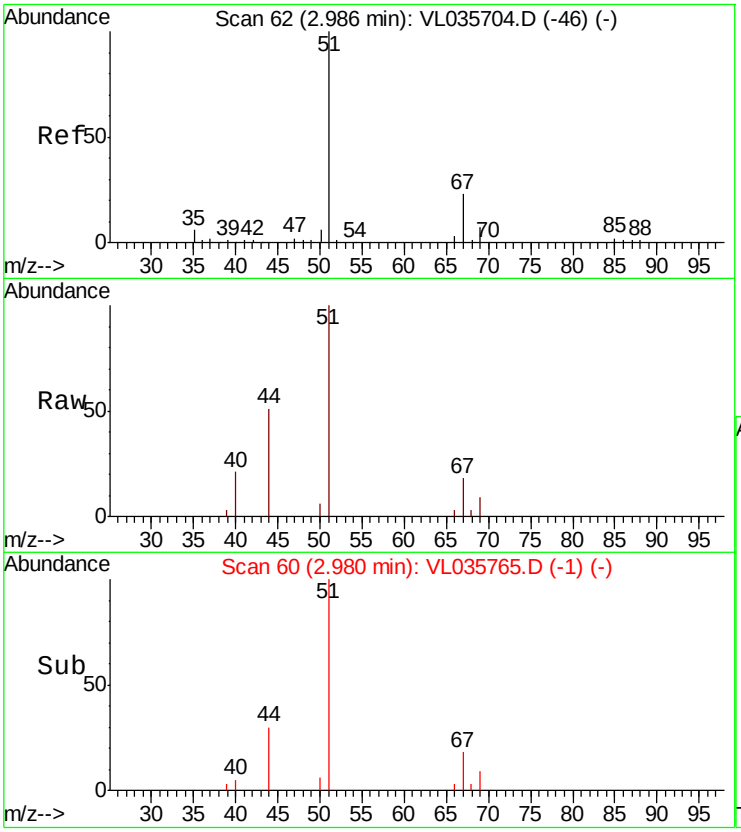


#2
Dichlorodifluoromethane
Concen: 0.066 ppbv
RT: 3.04 min Scan# 79
Delta R.T. -0.01 min
Lab File: VL035765.D
Acq: 12 Oct 2020 17:17

Tgt Ion: 85 Resp: 12446

Ion	Ratio	Lower	Upper
85	100		
87	28.7	27.3	40.9



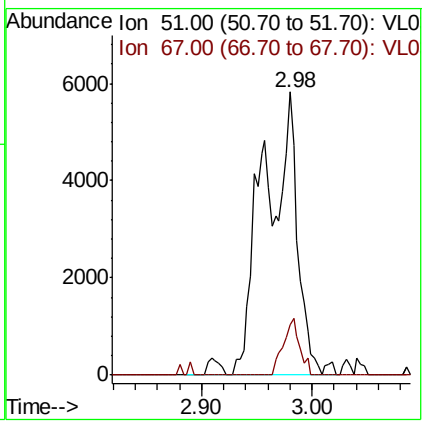


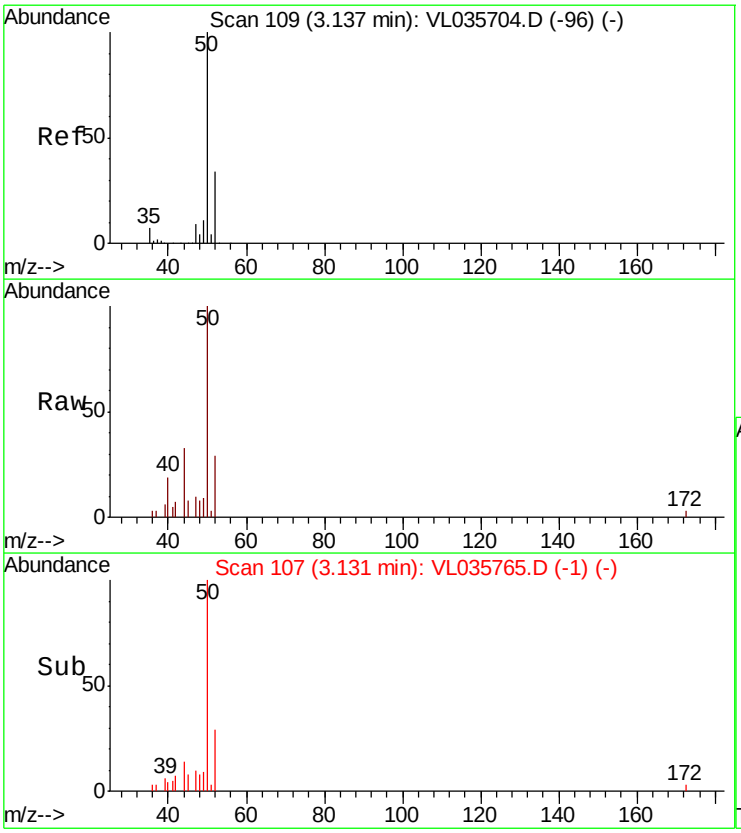
#3
Chlorodifluoromethane
Concen: 0.101 ppbv
RT: 2.98 min Scan# 60
Delta R.T. -0.01 min
Lab File: VL035765.D
Acq: 12 Oct 2020 17:17

Instrument :
MSVOA_L
ClientSampleId :
3DL

Tgt Ion: 51 Resp: 12419

Ion	Ratio	Lower	Upper
51	100		
67	9.8	17.8	26.8#

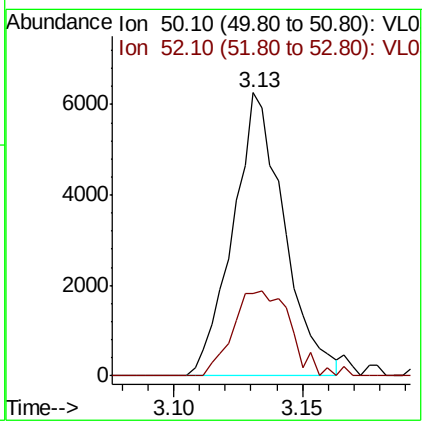


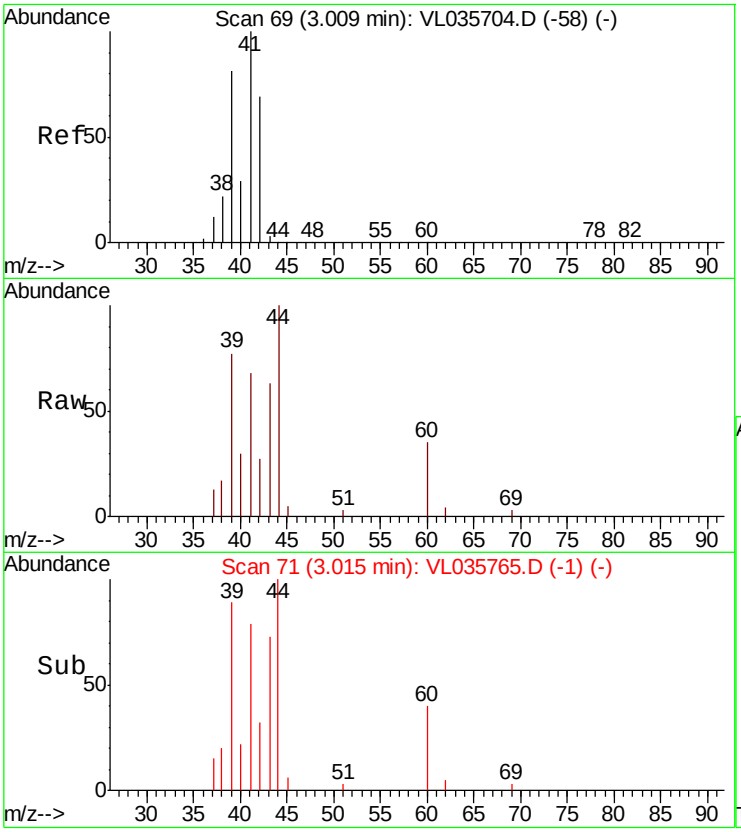


#4
Chloromethane
Concen: 0.131 ppbv
RT: 3.13 min Scan# 107
Delta R.T. -0.01 min
Lab File: VL035765.D
Acq: 12 Oct 2020 17:17

Tgt Ion: 50 Resp: 8654

Ion	Ratio	Lower	Upper
50	100		
52	29.2	26.8	40.2



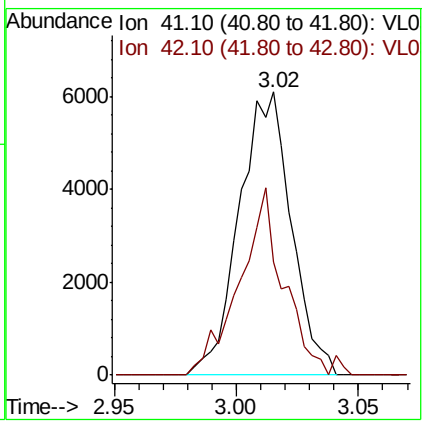


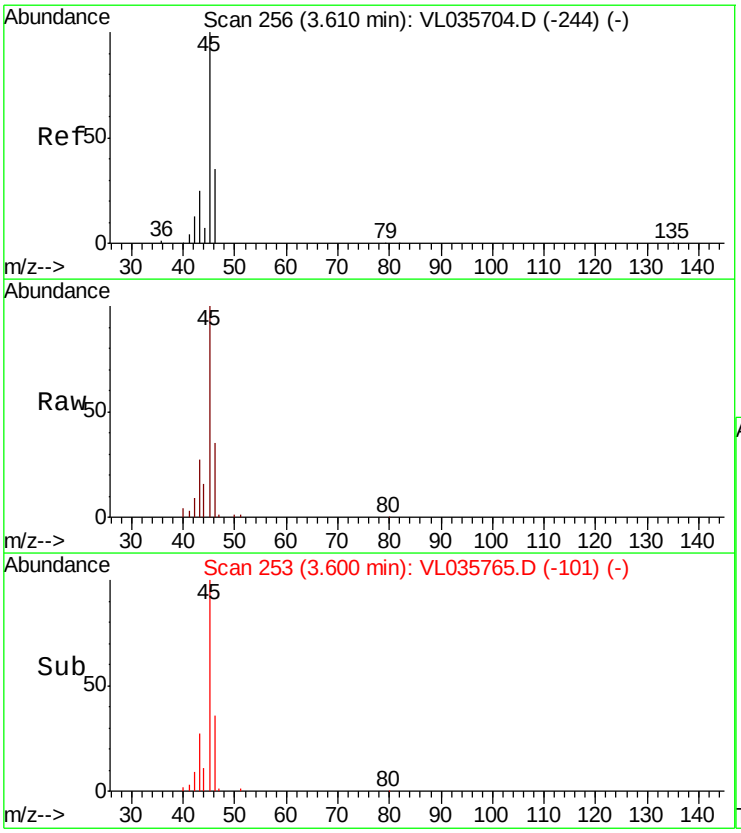
#9
Propene
Concen: 0.201 ppbv
RT: 3.02 min Scan# 71
Delta R.T. 0.01 min
Lab File: VL035765.D
Acq: 12 Oct 2020 17:17

Instrument :
MSVOA_L
ClientSampleId :
3DL

Tgt Ion: 41 Resp: 9022

Ion	Ratio	Lower	Upper
41	100		
42	56.8	56.2	84.4

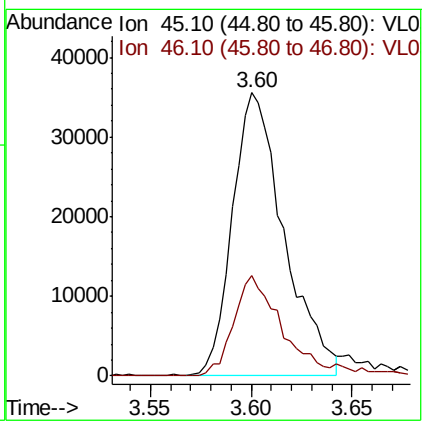


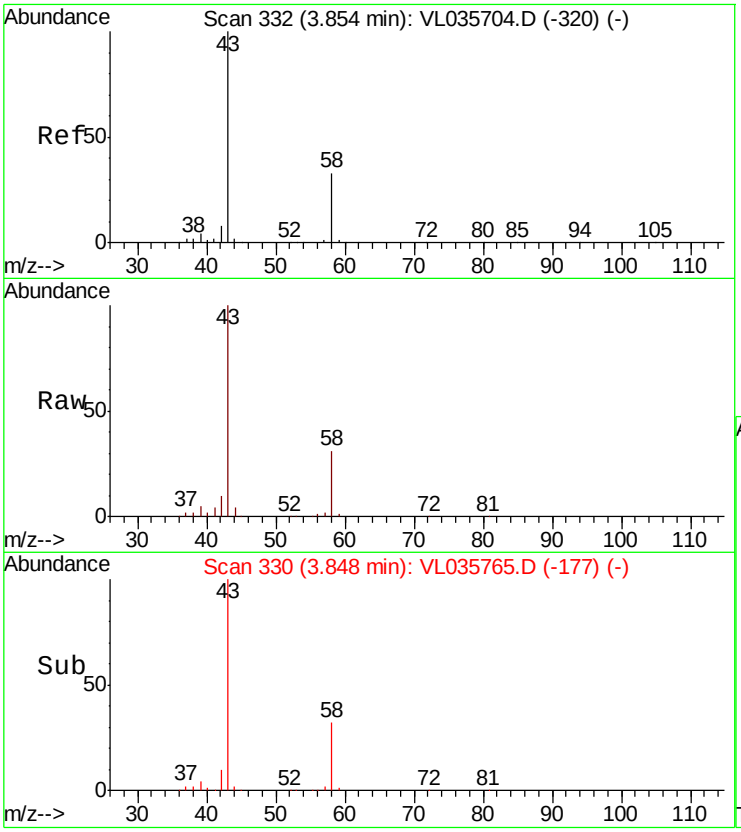


#13
Ethanol
Concen: 5.764 ppbv
RT: 3.60 min Scan# 253
Delta R.T. -0.01 min
Lab File: VL035765.D
Acq: 12 Oct 2020 17:17

Tgt Ion: 45 Resp: 63674

Ion	Ratio	Lower	Upper
45	100		
46	35.4	14.7	58.7



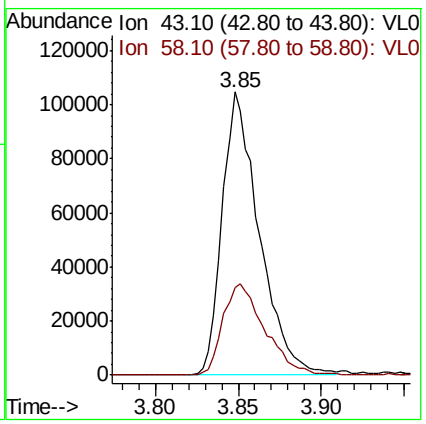


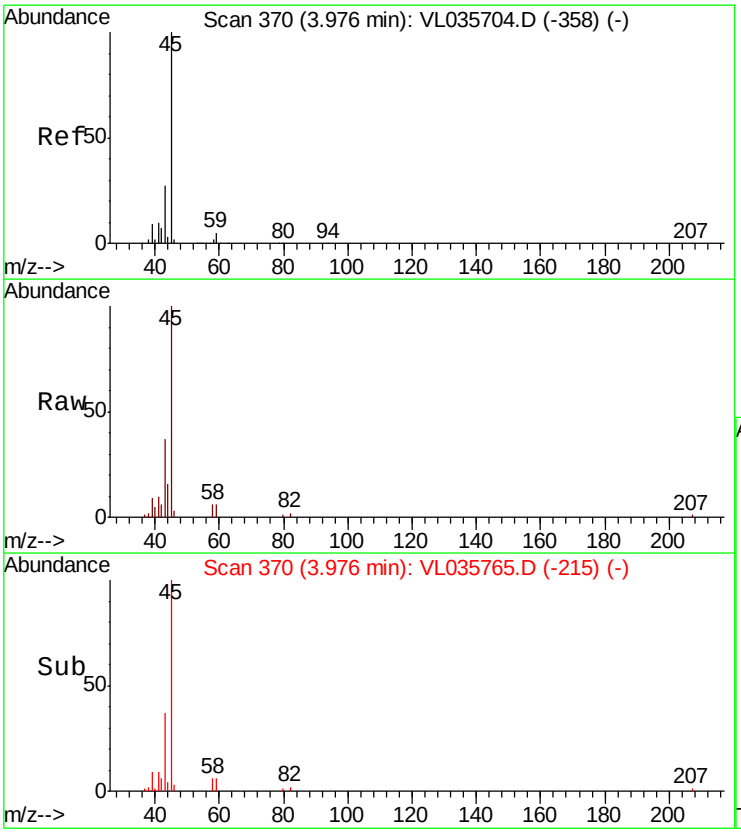
#15
Acetone
Concen: 1.319 ppbv
RT: 3.85 min Scan# 330
Delta R.T. -0.01 min
Lab File: VL035765.D
Acq: 12 Oct 2020 17:17

Instrument :
MSVOA_L
ClientSampleId :
3DL

Tgt Ion: 43 Resp: 162805

Ion	Ratio	Lower	Upper
43	100		
58	36.5	27.3	40.9

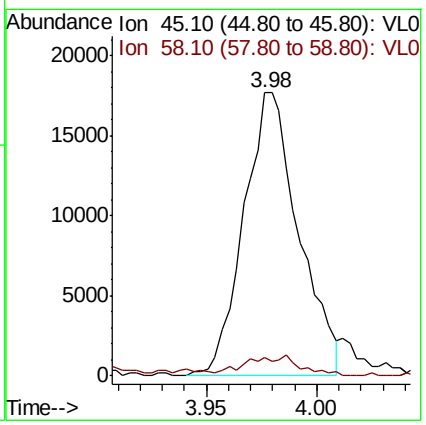


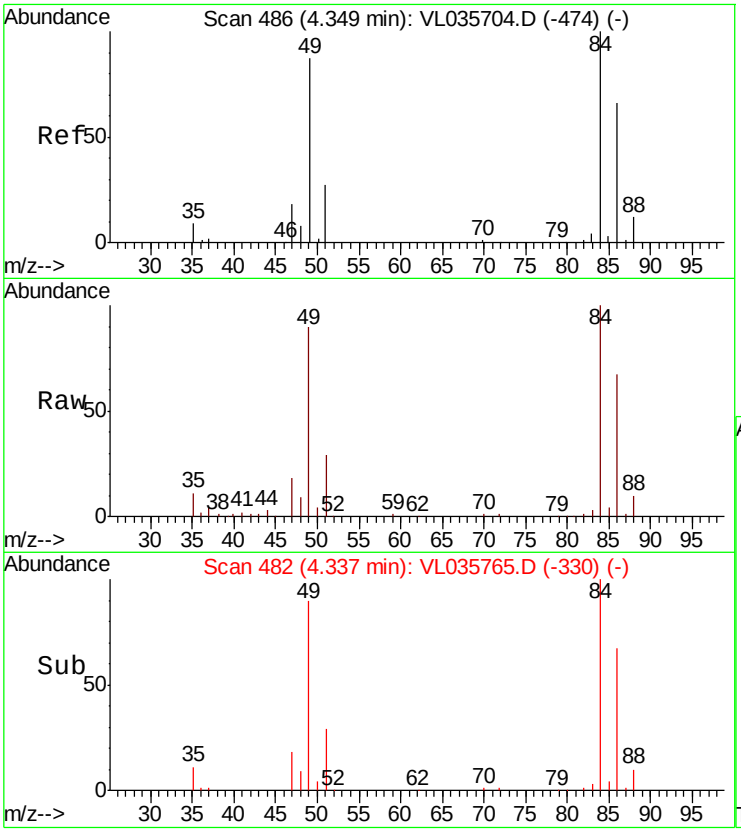


#19
Isopropyl Alcohol
Concen: 0.457 ppbv
RT: 3.98 min Scan# 370
Delta R.T. -0.00 min
Lab File: VL035765.D
Acq: 12 Oct 2020 17:17

Tgt Ion: 45 Resp: 30644

Ion	Ratio	Lower	Upper
45	100		
58	7.6	2.8	4.2#



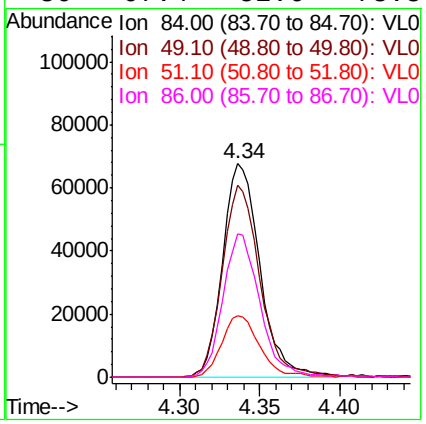


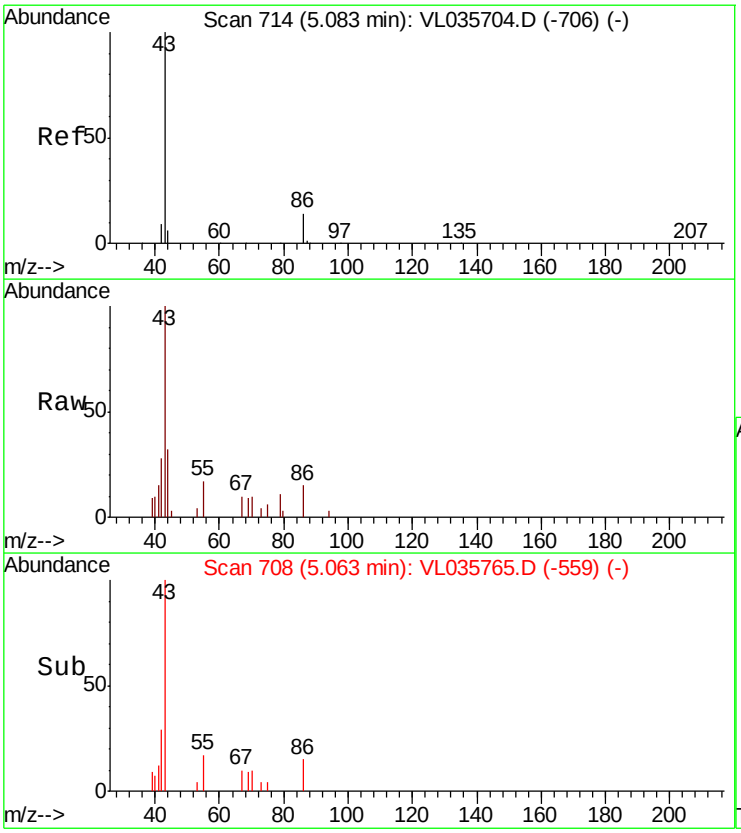
#20
Methylene Chloride
Concen: 1.190 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.01 min
Lab File: VL035765.D
Acq: 12 Oct 2020 17:17

Instrument : MSVOA_L
ClientSampleId : 3DL

Tgt Ion: 84 Resp: 107858

Ion	Ratio	Lower	Upper
84	100		
49	89.8	69.8	104.6
51	28.7	21.8	32.8
86	67.4	52.6	78.8

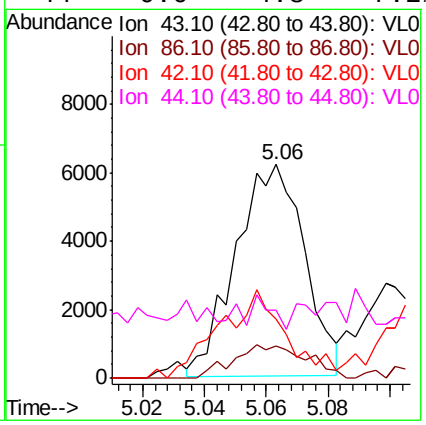


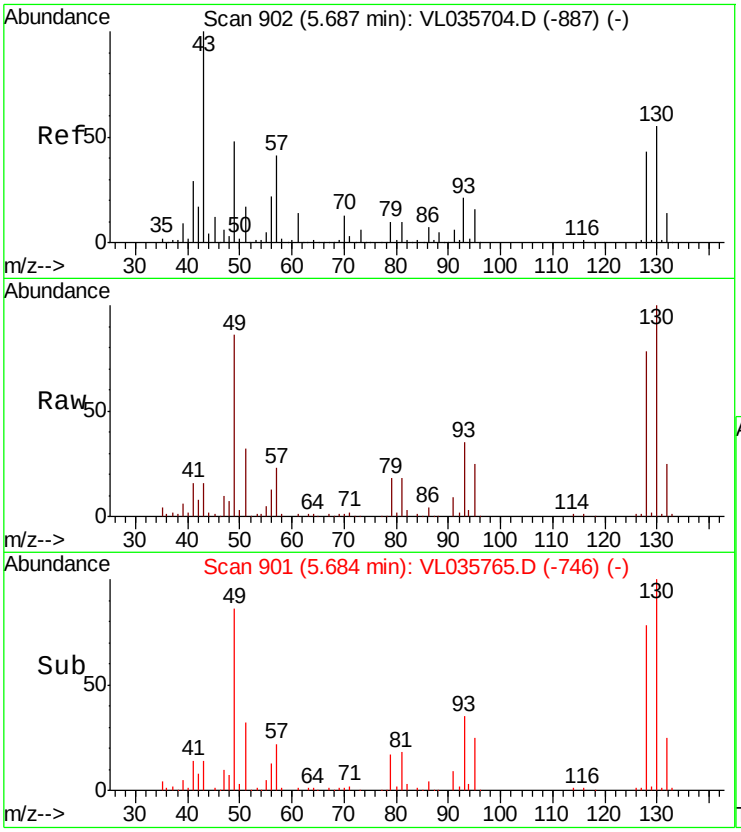


#23
Vinyl Acetate
Concen: 0.064 ppbv
RT: 5.06 min Scan# 708
Delta R.T. -0.02 min
Lab File: VL035765.D
Acq: 12 Oct 2020 17:17

Tgt Ion: 43 Resp: 9625

Ion	Ratio	Lower	Upper
43	100		
86	15.6	9.7	14.5#
42	25.4	7.9	11.9#
44	0.0	4.8	7.2#



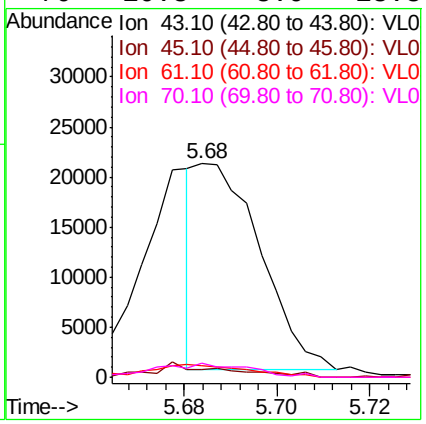


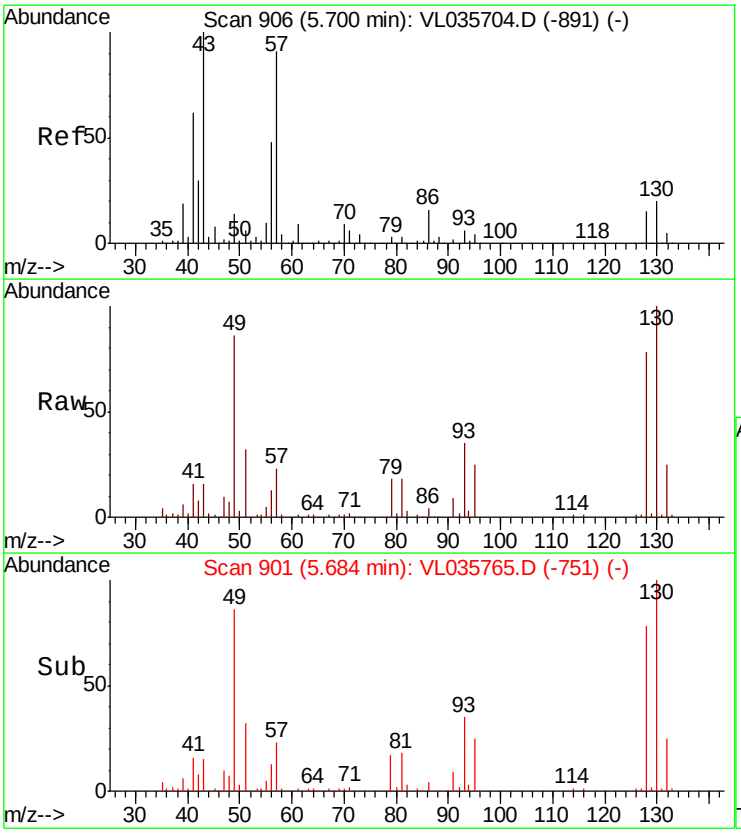
#25
Ethyl Acetate
Concen: 0.088 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.00 min
Lab File: VL035765.D
Acq: 12 Oct 2020 17:17

Instrument :
MSVOA_L
ClientSampleId :
3DL

Tgt Ion: 43 Resp: 19622

Ion	Ratio	Lower	Upper
43	100		
45	9.1	8.6	12.8
61	9.8	10.4	15.6#
70	10.3	8.9	13.3

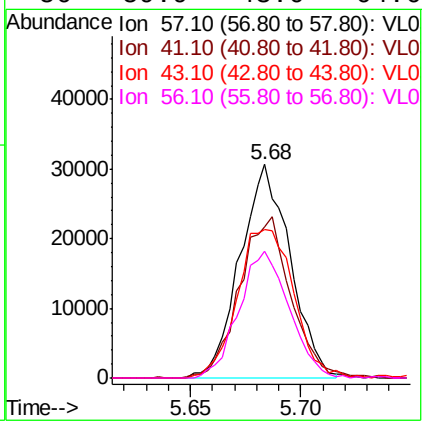


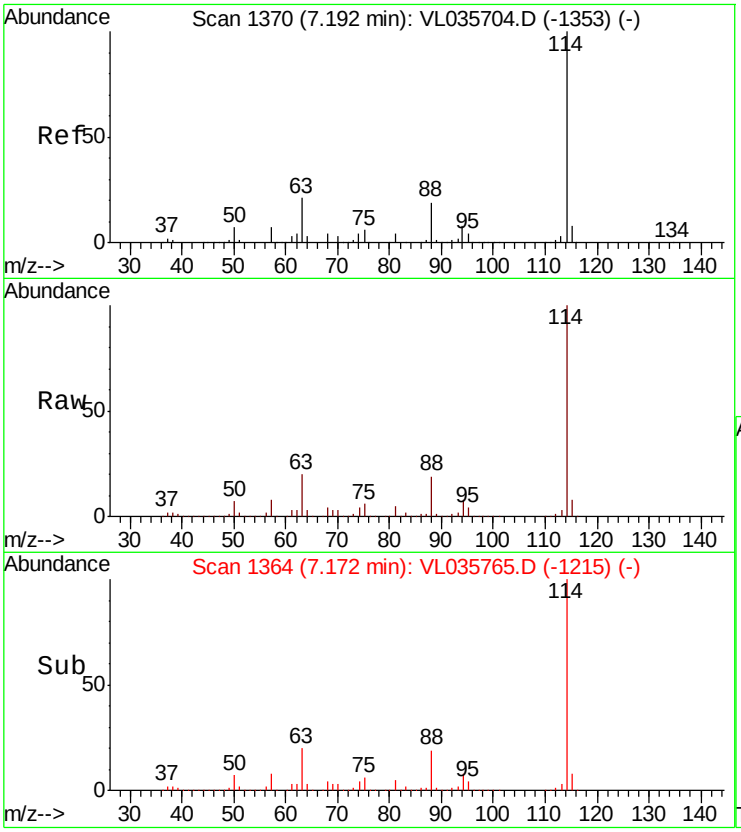


#26
Hexane
Concen: 0.396 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.02 min
Lab File: VL035765.D
Acq: 12 Oct 2020 17:17

Tgt Ion: 57 Resp: 48227

Ion	Ratio	Lower	Upper
57	100		
41	77.6	57.9	86.9
43	78.6	143.8	215.6#
56	59.9	43.0	64.6



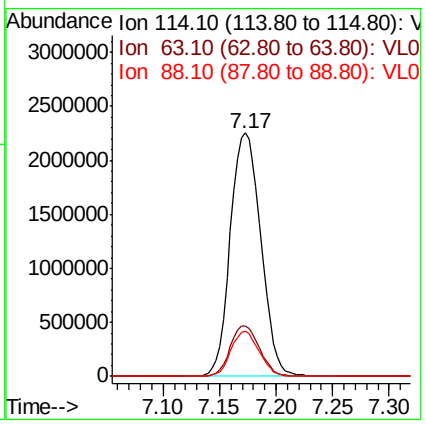


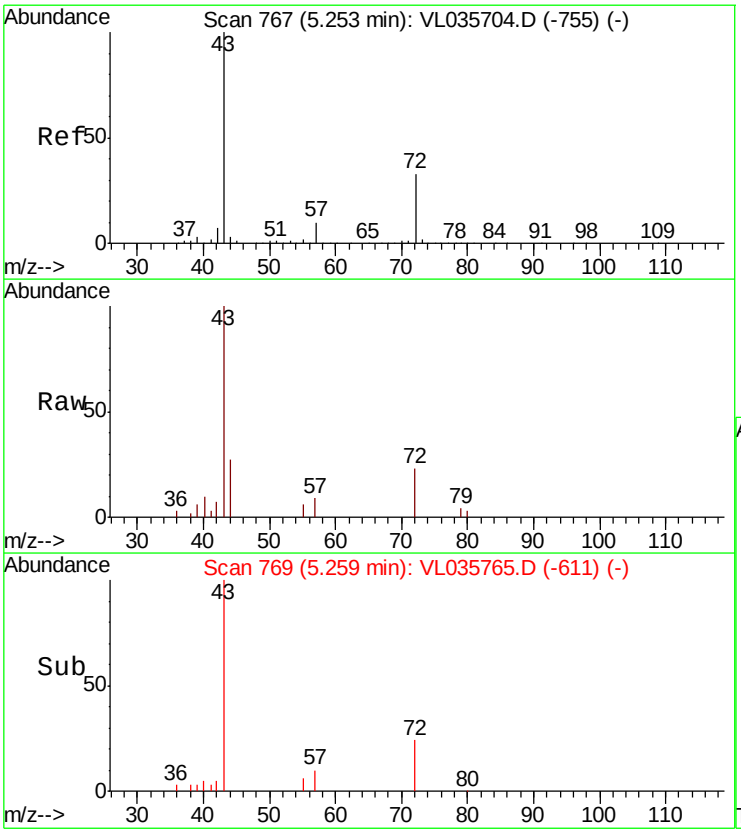
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.02 min
Lab File: VL035765.D
Acq: 12 Oct 2020 17:17

Instrument :
MSVOA_L
ClientSampleId :
3DL

Tgt Ion:114 Resp: 4247934

Ion	Ratio	Lower	Upper
114	100		
63	19.9	16.1	24.1
88	17.3	14.1	21.1

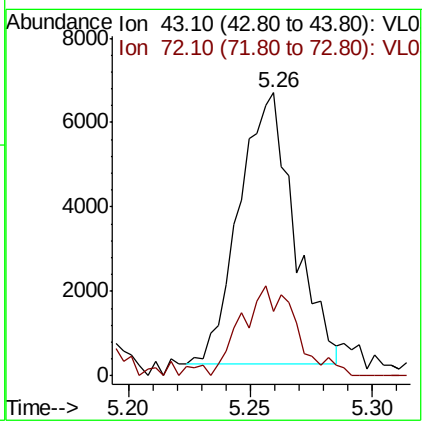


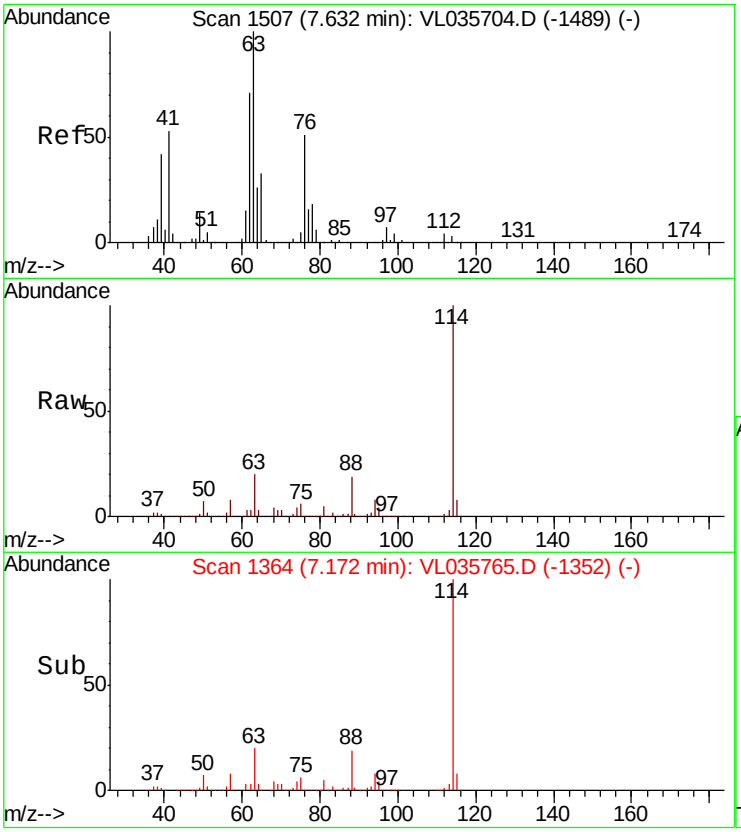


#34
2-Butanone
Concen: 0.072 ppbv
RT: 5.26 min Scan# 769
Delta R.T. 0.01 min
Lab File: VL035765.D
Acq: 12 Oct 2020 17:17

Tgt Ion: 43 Resp: 10064

Ion	Ratio	Lower	Upper
43	100		
72	34.8	26.1	39.1



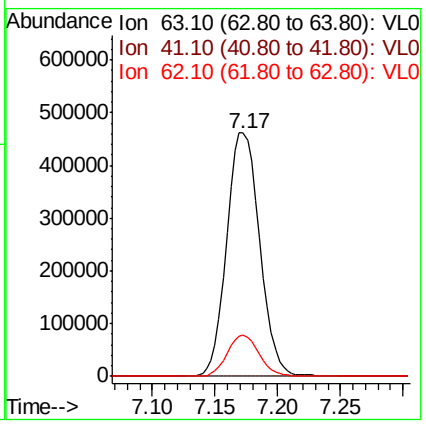


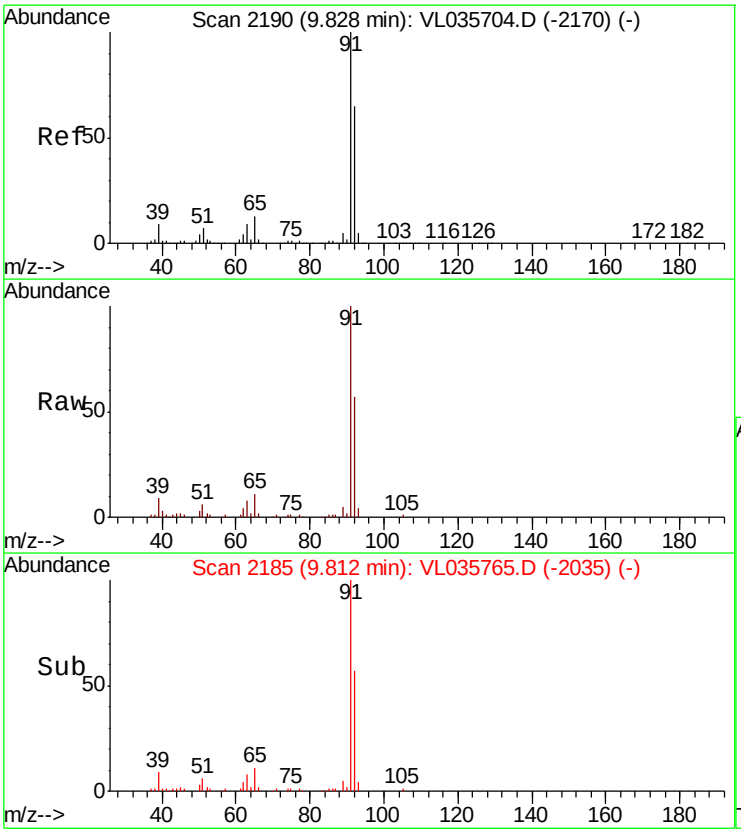
#39
1,2-Dichloropropane
Concen: 8.419 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.46 min
Lab File: VL035765.D
Acq: 12 Oct 2020 17:17

Instrument :
MSVOA_L
ClientSampleId :
3DL

Tgt Ion: 63 Resp: 844612

Ion	Ratio	Lower	Upper
63	100		
41	0.0	42.6	63.8#
62	16.9	56.5	84.7#

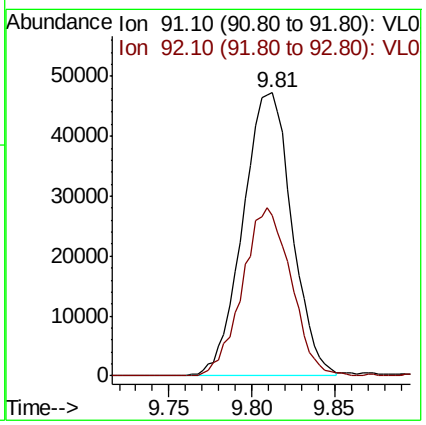


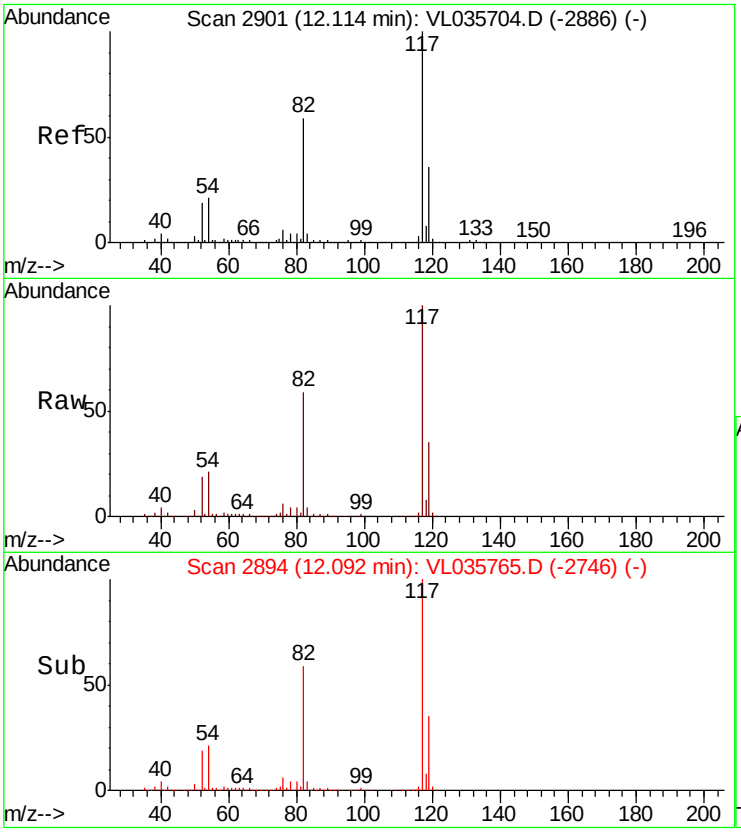


#53
Toluene
Concen: 0.298 ppbv
RT: 9.81 min Scan# 2185
Delta R.T. -0.02 min
Lab File: VL035765.D
Acq: 12 Oct 2020 17:17

Tgt Ion: 91 Resp: 97286

Ion	Ratio	Lower	Upper
91	100		
92	58.8	50.0	75.0



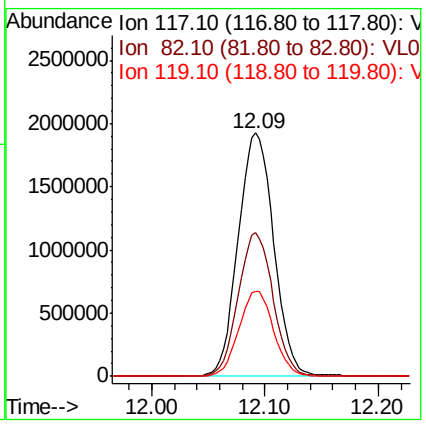


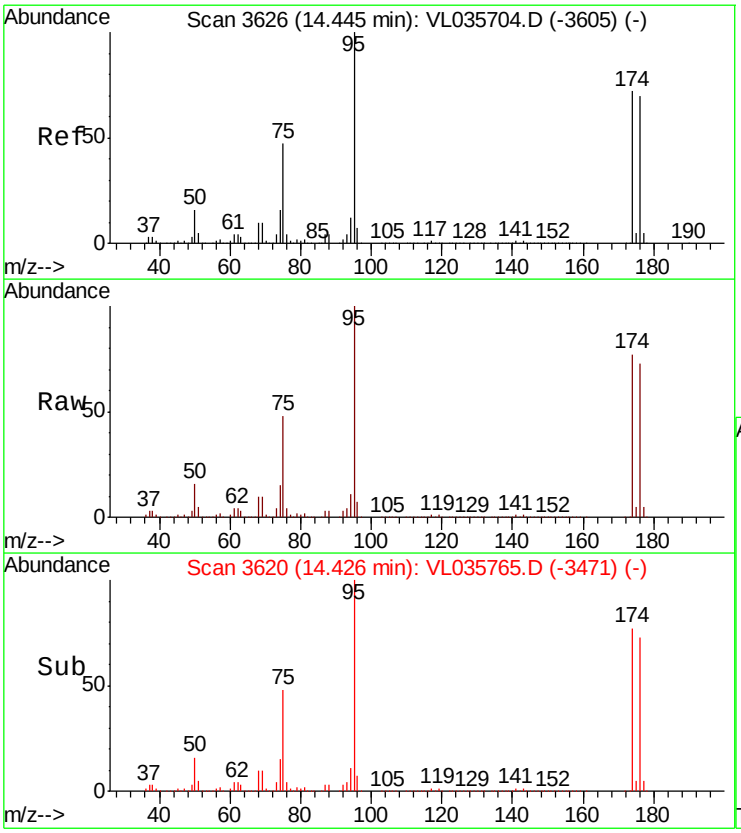
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2894
Delta R.T. -0.02 min
Lab File: VL035765.D
Acq: 12 Oct 2020 17:17

Instrument : MSVOA_L
ClientSampleId : 3DL

Tgt Ion:117 Resp: 4217546

Ion	Ratio	Lower	Upper
117	100		
82	58.1	46.1	69.1
119	34.4	28.0	42.0





#68
1-Bromo-4-Fluorobenzene
Concen: 9.728 ppbv
RT: 14.43 min Scan# 3620
Delta R.T. -0.02 min
Lab File: VL035765.D
Acq: 12 Oct 2020 17:17

Tgt Ion: 95 Resp: 3074362

Ion	Ratio	Lower	Upper
95	100		
174	77.6	59.6	89.4
175	5.6	4.2	6.4