Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL033021\
Data File : VL036583.D
Acq On : 30 Mar 2021 23:45
Operator : SY/AP
Sample : M1797-08DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Mar 31 05:18:13 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Mar 25 09:42:40 2021
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1343705	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3185271	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	2755846	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2227605	10.14	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.03	85	6667	0.030	ppbv	89
4) Chloromethane	3.13	50	2738	0.031	ppbv #	81
9) Propene	3.29	41	2393	0.030	ppbv	95
13) Ethanol	3.59	45	135917	14.261	ppbv	95
15) Acetone	3.83	43	831992	6.291	ppbv	98
19) Isopropyl Alcohol	3.97	45	2871	0.039	ppbv #	89
20) Methylene Chloride	4.33	84	253335	4.091	ppbv	98
25) Ethyl Acetate	5.67	43	364262	1.159	ppbv #	79
26) Hexane	5.67	57	500699	3.432	ppbv #	47
34) 2-Butanone	5.23	43	16826	0.108	ppbv #	9
39) 1,2-Dichloropropane	7.15	63	862089	7.234	ppbv #	23
41) Tetrahydrofuran	5.73	42	3631	0.051	ppbv #	46

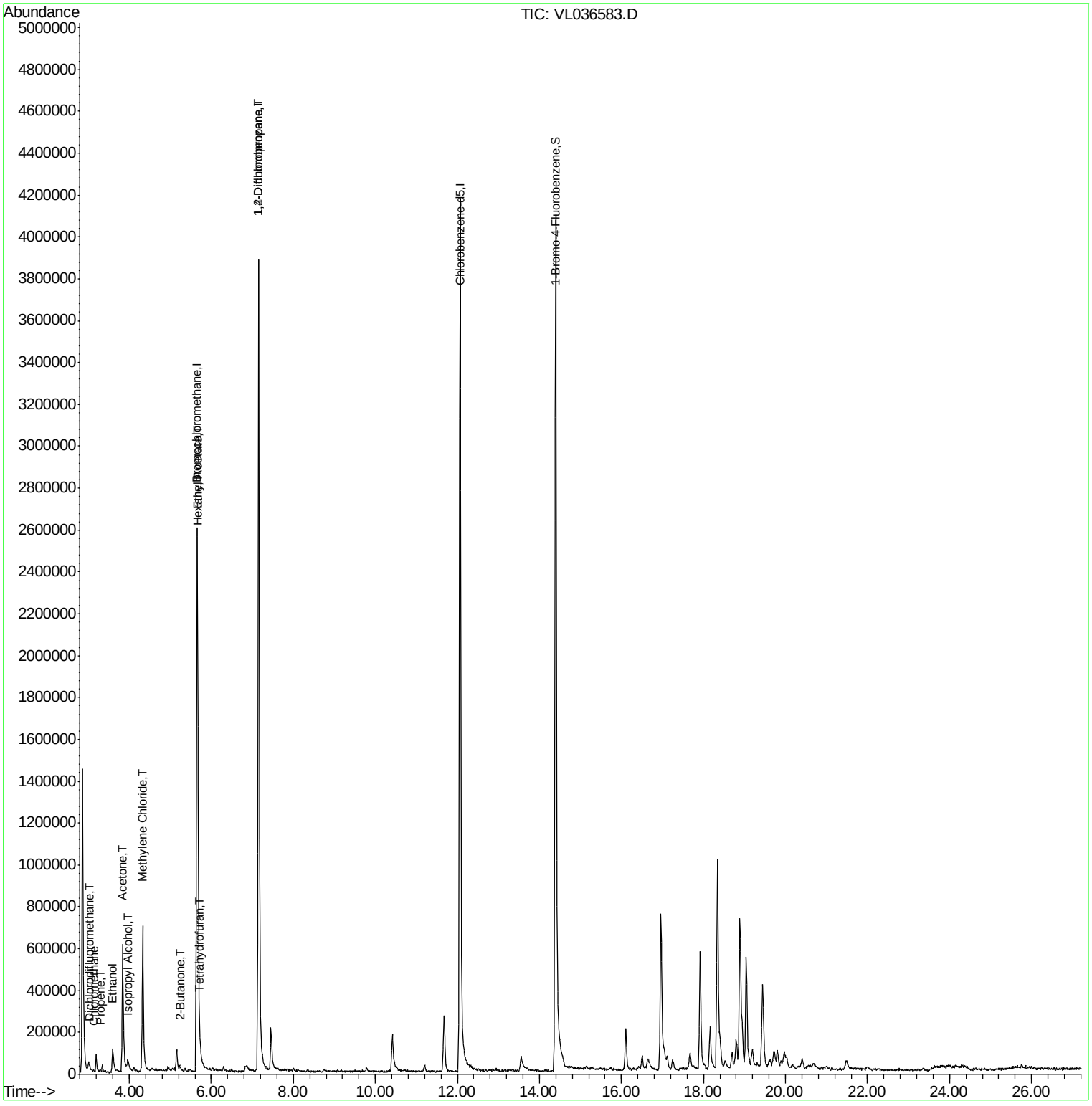
(#) = qualifier out of range (m) = manual integration (+) = signals summed

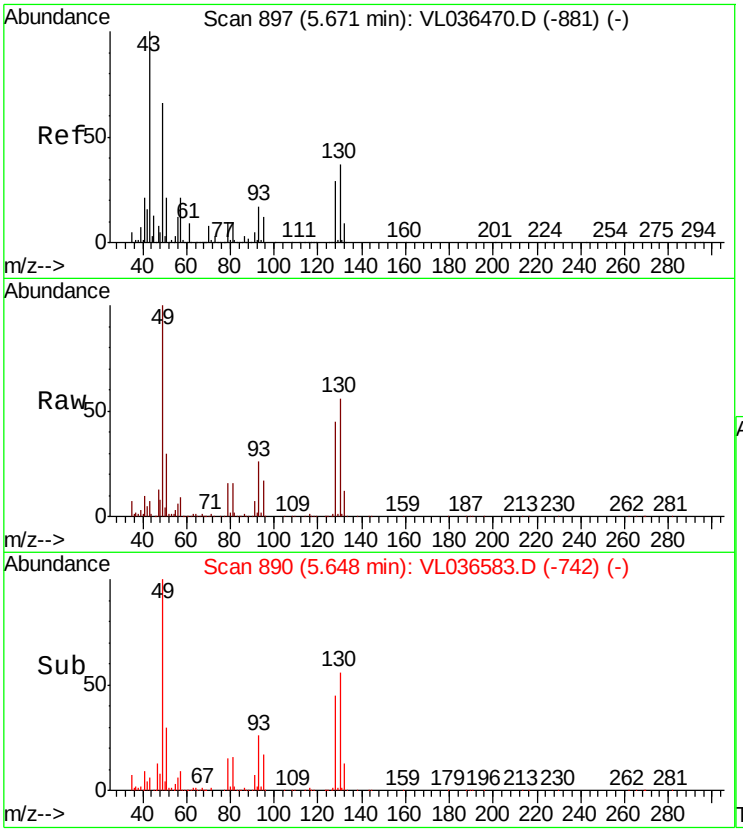
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL033021\
Data File : VL036583.D
Acq On : 30 Mar 2021 23:45
Operator : SY/AP
Sample : M1797-08DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Mar 31 05:18:13 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Mar 25 09:42:40 2021
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration



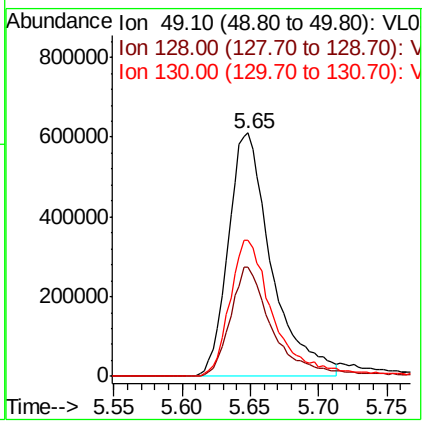


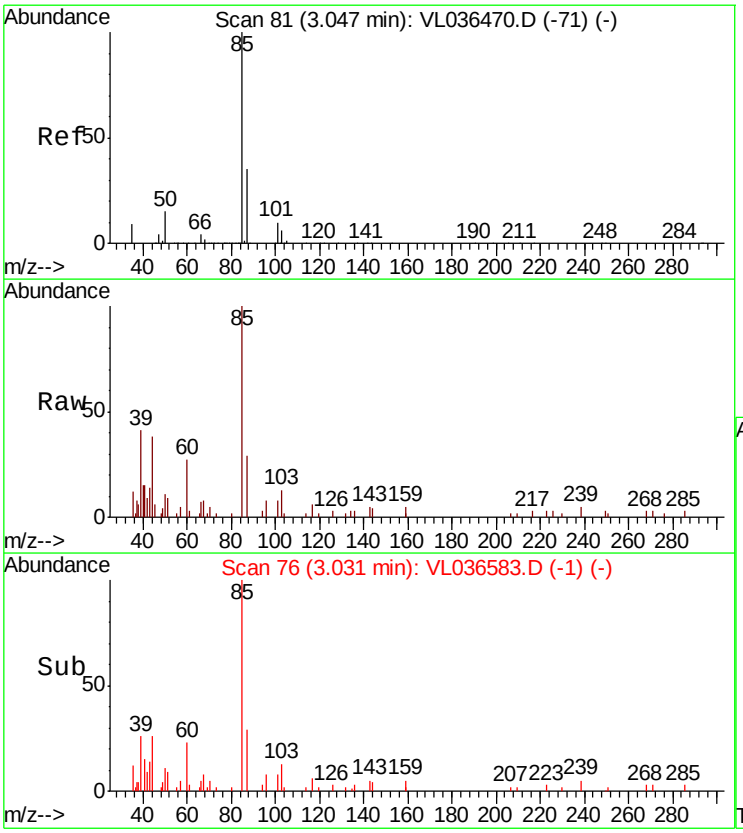
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 890
Delta R.T. -0.02 min
Lab File: VL036583.D
Acq: 30 Mar 2021 23:45

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1343705

Ion	Ratio	Lower	Upper
49	100		
128	45.0	23.5	70.6
130	58.6	29.1	87.4

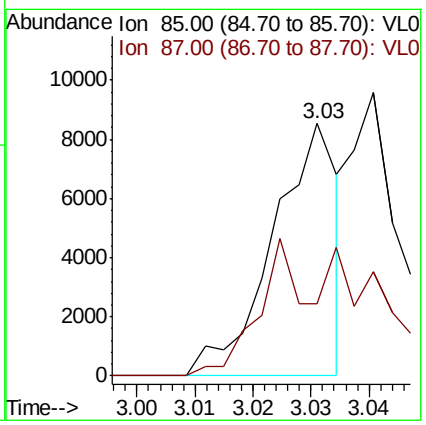


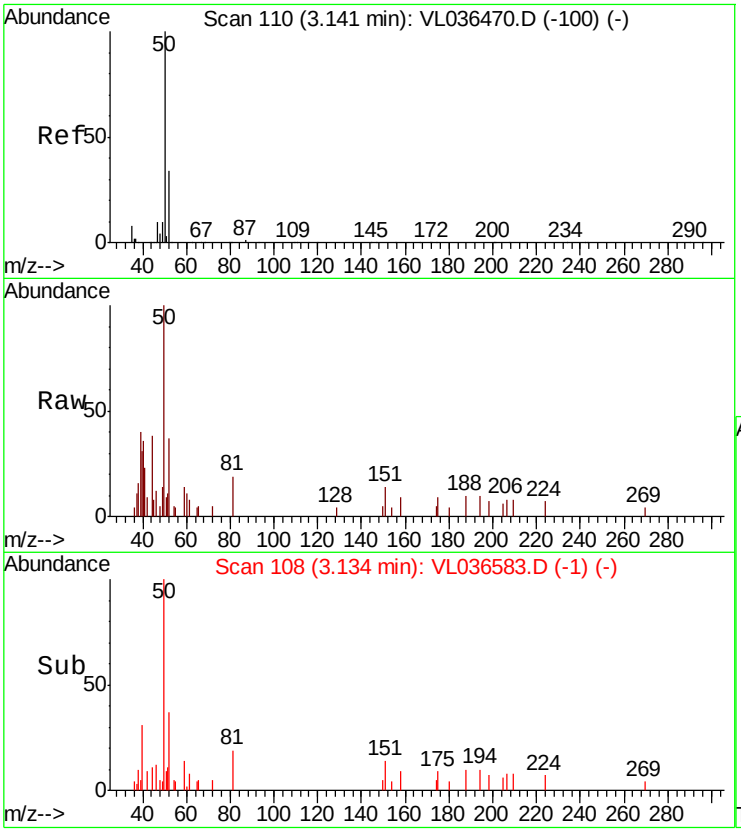


#2
Dichlorodifluoromethane
Concen: 0.030 ppbv
RT: 3.03 min Scan# 76
Delta R.T. -0.02 min
Lab File: VL036583.D
Acq: 30 Mar 2021 23:45

Tgt Ion: 85 Resp: 6667

Ion	Ratio	Lower	Upper
85	100		
87	28.5	27.8	41.8



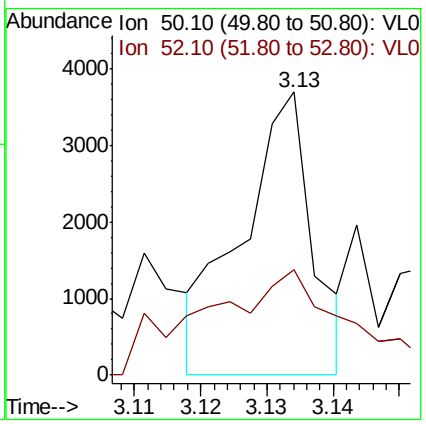


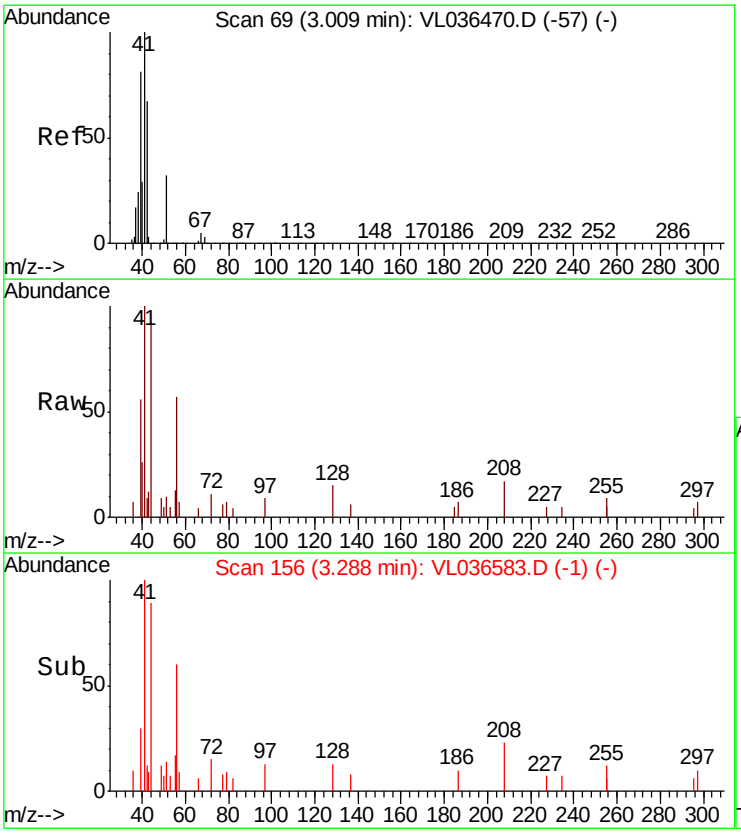
#4
Chloromethane
Concen: 0.031 ppbv
RT: 3.13 min Scan# 108
Delta R.T. -0.01 min
Lab File: VL036583.D
Acq: 30 Mar 2021 23:45

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 50 Resp: 2738

Ion	Ratio	Lower	Upper
50	100		
52	23.1	27.0	40.6#

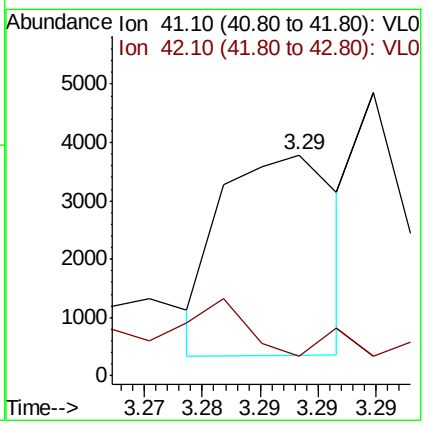


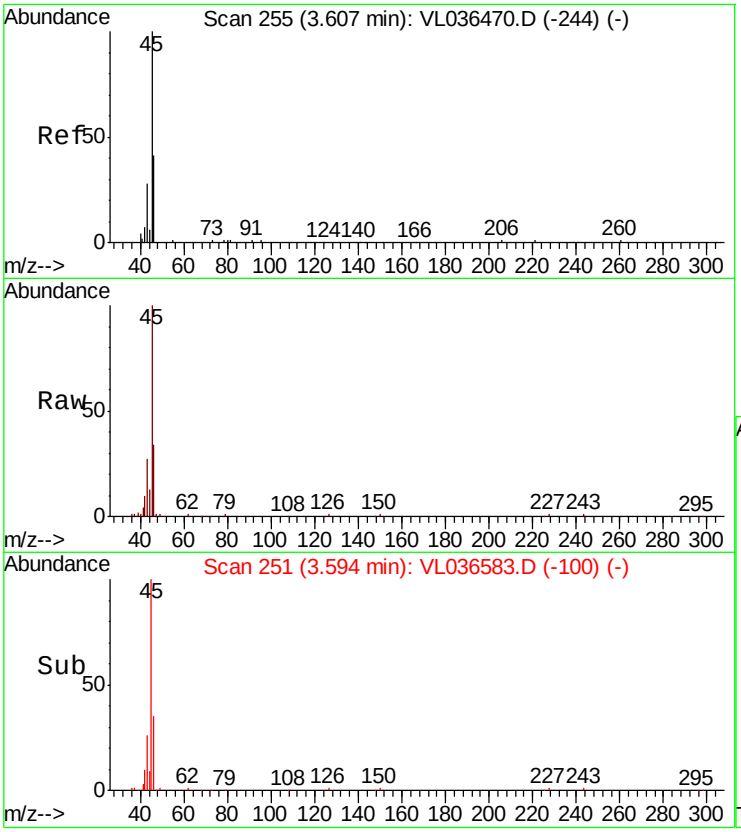


#9
Propene
Concen: 0.030 ppbv
RT: 3.29 min Scan# 156
Delta R.T. 0.28 min
Lab File: VL036583.D
Acq: 30 Mar 2021 23:45

Tgt Ion: 41 Resp: 2393

Ion	Ratio	Lower	Upper
41	100		
42	66.8	57.0	85.4



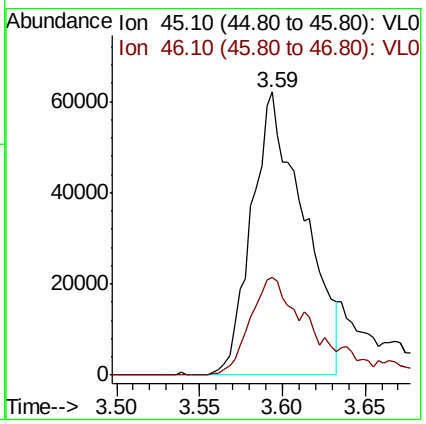


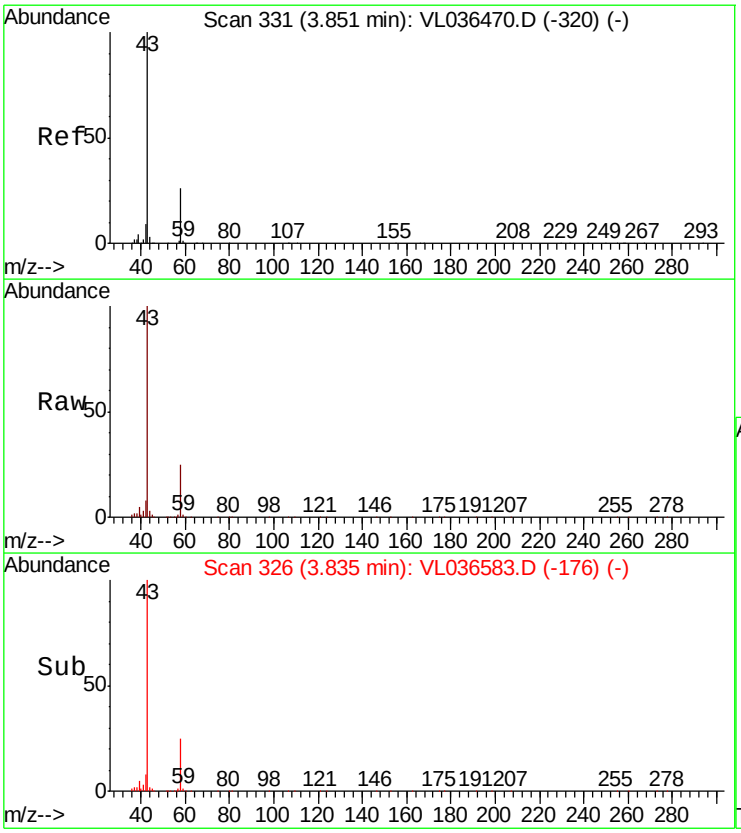
#13
Ethanol
Concen: 14.261 ppbv
RT: 3.59 min Scan# 251
Delta R.T. -0.01 min
Lab File: VL036583.D
Acq: 30 Mar 2021 23:45

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 135917

Ion	Ratio	Lower	Upper
45	100		
46	44.8	16.6	66.2

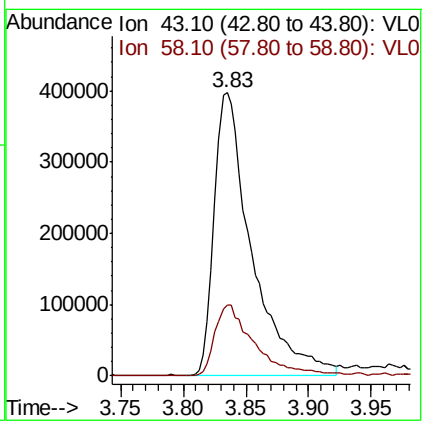


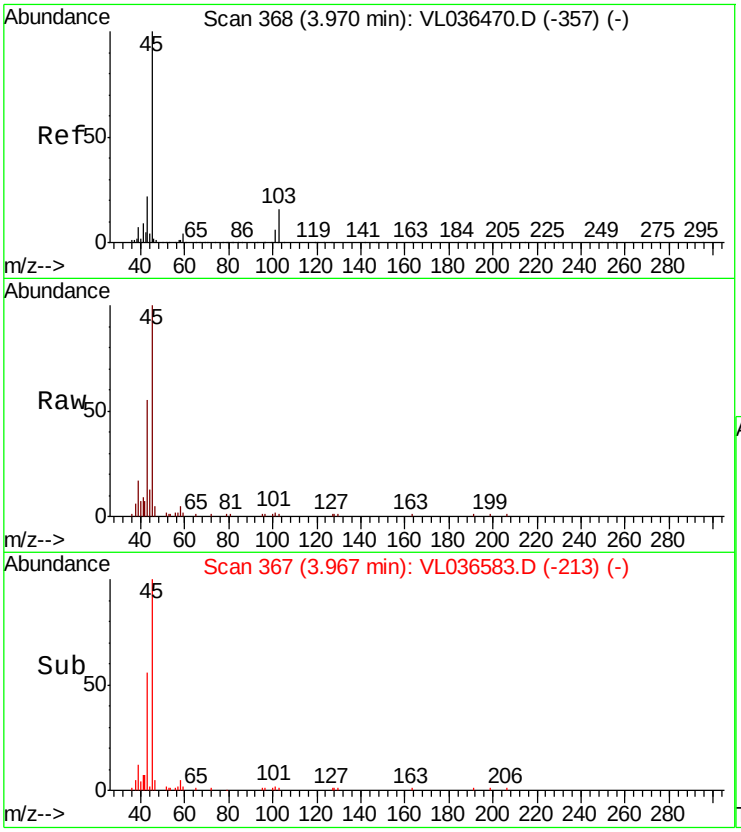


#15
Acetone
Concen: 6.291 ppbv
RT: 3.83 min Scan# 326
Delta R.T. -0.02 min
Lab File: VL036583.D
Acq: 30 Mar 2021 23:45

Tgt Ion: 43 Resp: 831992

Ion	Ratio	Lower	Upper
43	100		
58	27.6	21.2	31.8



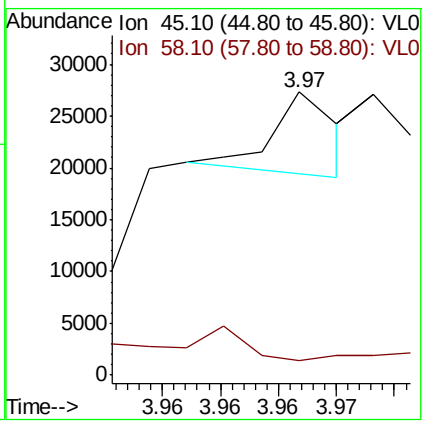


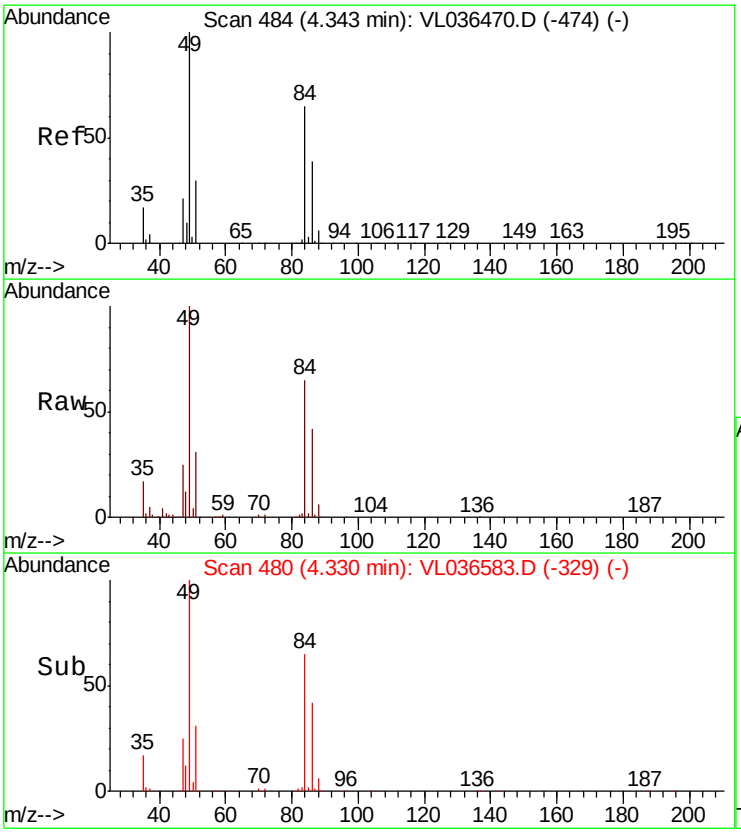
#19
Isopropyl Alcohol
Concen: 0.039 ppbv
RT: 3.97 min Scan# 367
Delta R.T. -0.00 min
Lab File: VL036583.D
Acq: 30 Mar 2021 23:45

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 2871

Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.9	4.3#

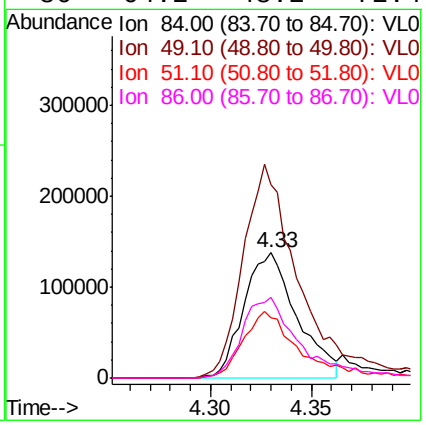


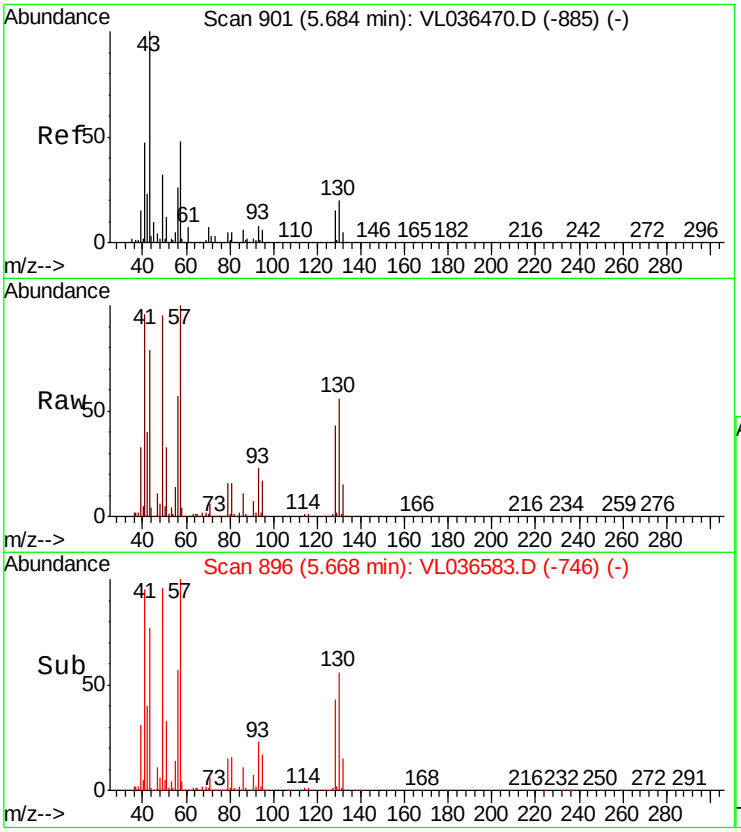


#20
Methylene Chloride
Concen: 4.091 ppbv
RT: 4.33 min Scan# 480
Delta R.T. -0.01 min
Lab File: VL036583.D
Acq: 30 Mar 2021 23:45

Tgt Ion: 84 Resp: 253335

Ion	Ratio	Lower	Upper
84	100		
49	154.7	122.9	184.3
51	48.3	36.9	55.3
86	64.2	48.2	72.4



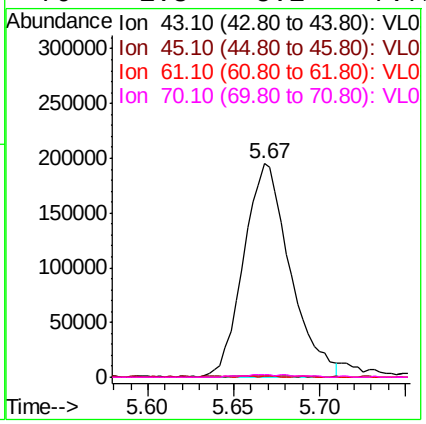


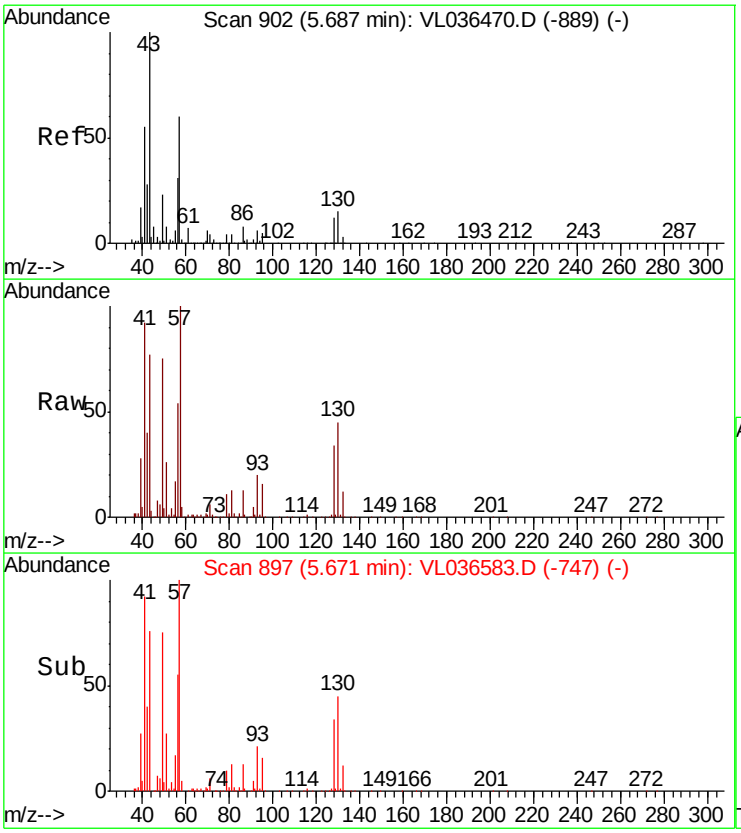
#25
Ethyl Acetate
Concen: 1.159 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.02 min
Lab File: VL036583.D
Acq: 30 Mar 2021 23:45

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 364262

Ion	Ratio	Lower	Upper
43	100		
45	1.2	7.9	11.9#
61	0.5	7.4	11.2#
70	1.8	5.1	7.7#

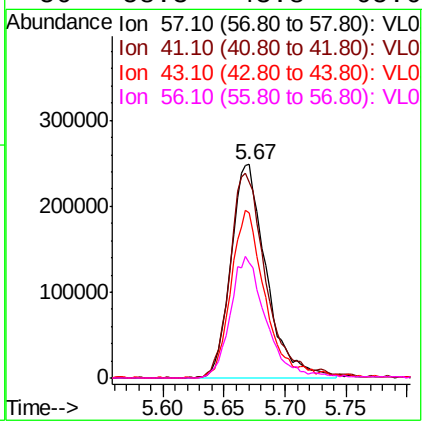


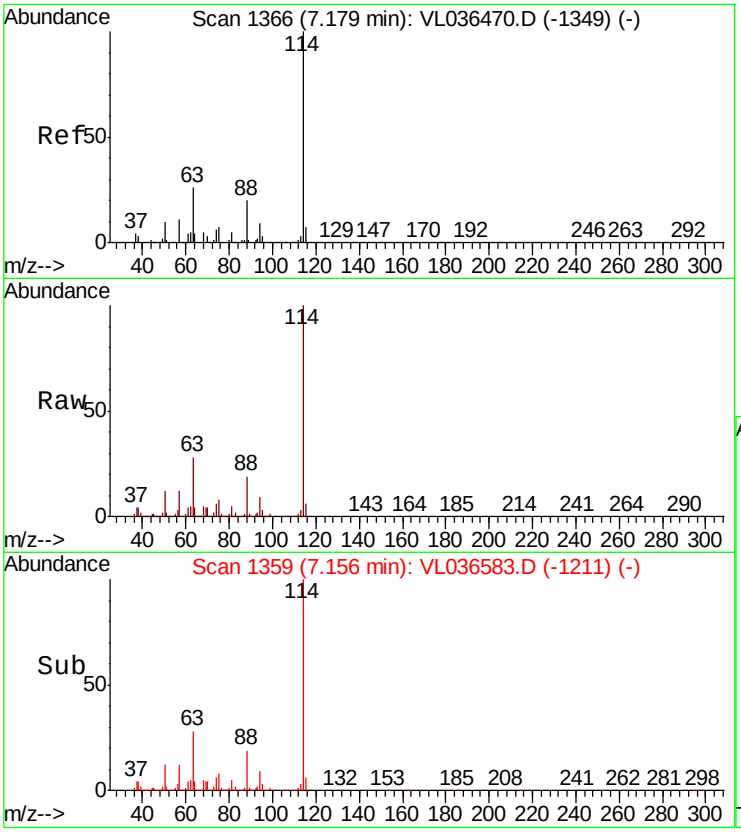


#26
Hexane
Concen: 3.432 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.02 min
Lab File: VL036583.D
Acq: 30 Mar 2021 23:45

Tgt Ion: 57 Resp: 500699

Ion	Ratio	Lower	Upper
57	100		
41	99.2	77.2	115.8
43	77.0	173.8	260.6#
56	58.3	43.8	65.6



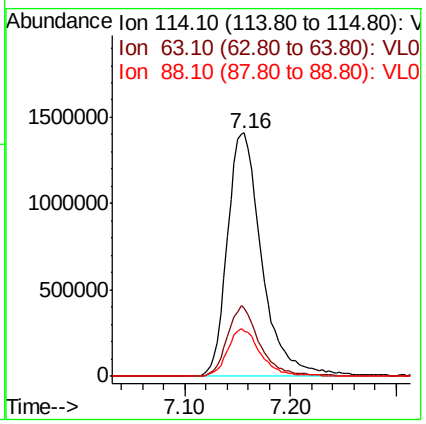


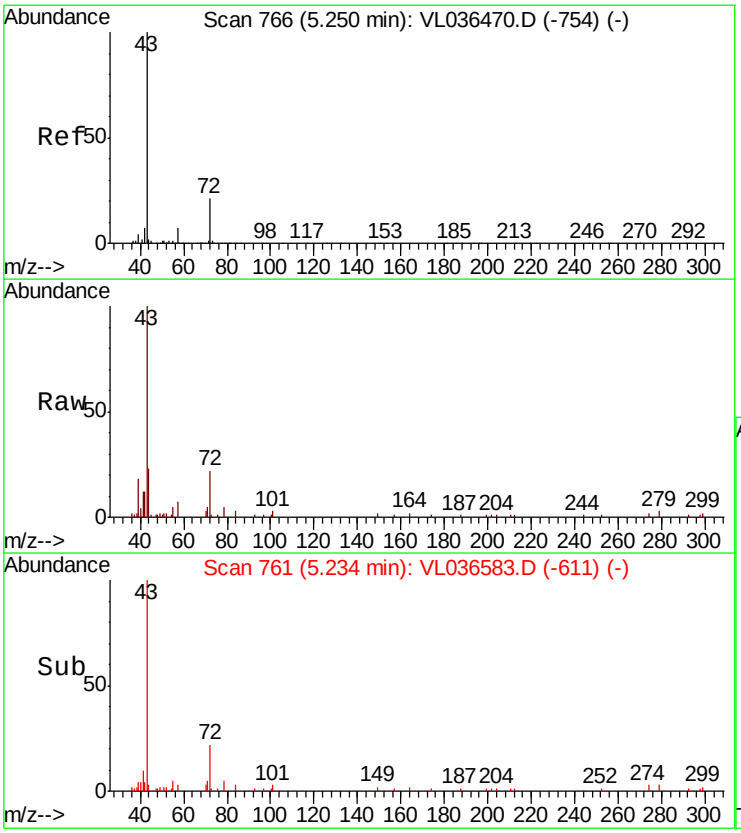
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. -0.02 min
Lab File: VL036583.D
Acq: 30 Mar 2021 23:45

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 3185271

Ion	Ratio	Lower	Upper
114	100		
63	27.7	22.4	33.6
88	19.1	15.4	23.0

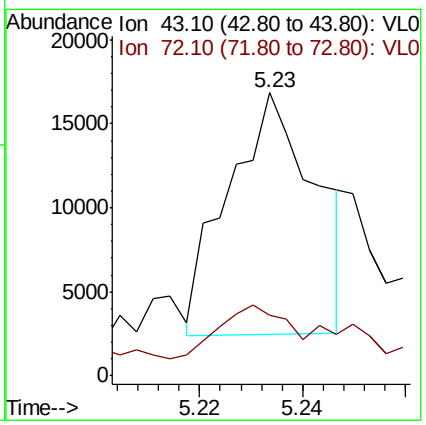


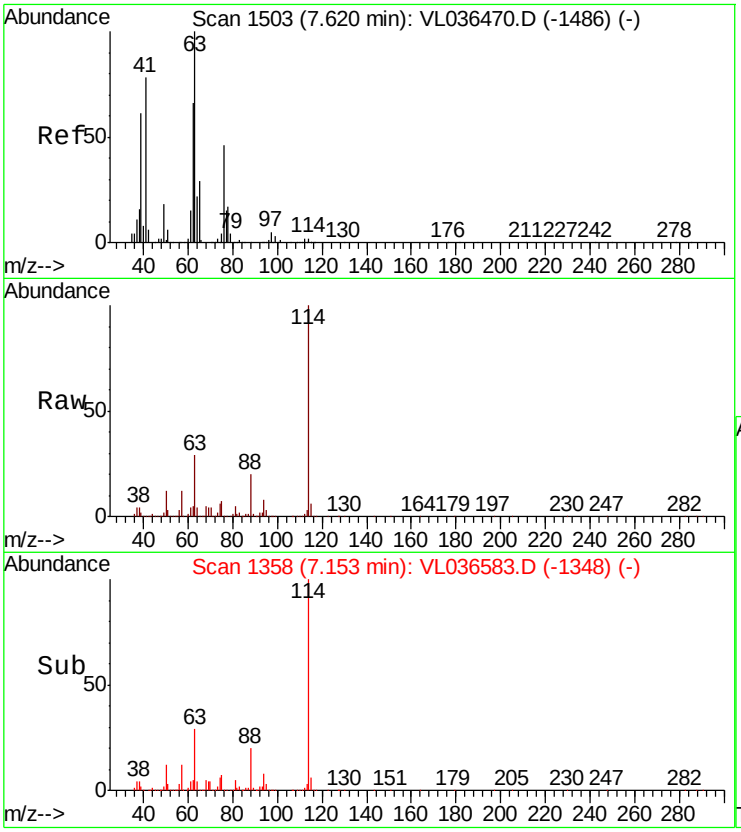


#34
2-Butanone
Concen: 0.108 ppbv
RT: 5.23 min Scan# 761
Delta R.T. -0.02 min
Lab File: VL036583.D
Acq: 30 Mar 2021 23:45

Tgt Ion: 43 Resp: 16826

Ion	Ratio	Lower	Upper
43	100		
72	64.3	17.0	25.6#



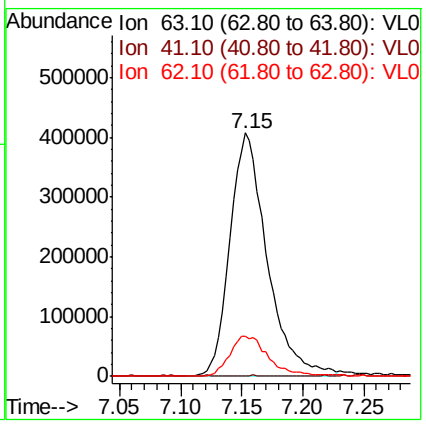


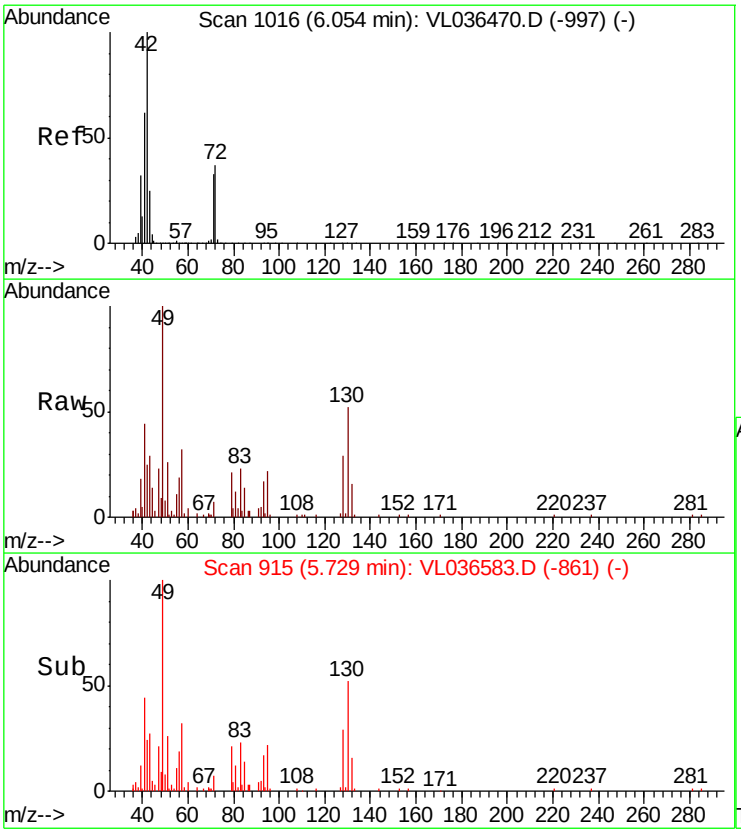
#39
1,2-Dichloropropane
Concen: 7.234 ppbv
RT: 7.15 min Scan# 1358
Delta R.T. -0.47 min
Lab File: VL036583.D
Acq: 30 Mar 2021 23:45

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 862089

Ion	Ratio	Lower	Upper
63	100		
41	0.1	62.4	93.6#
62	16.6	52.8	79.2#

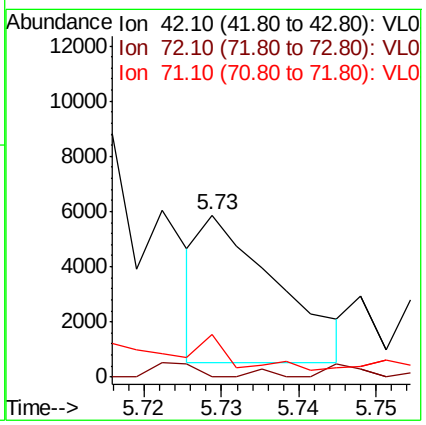


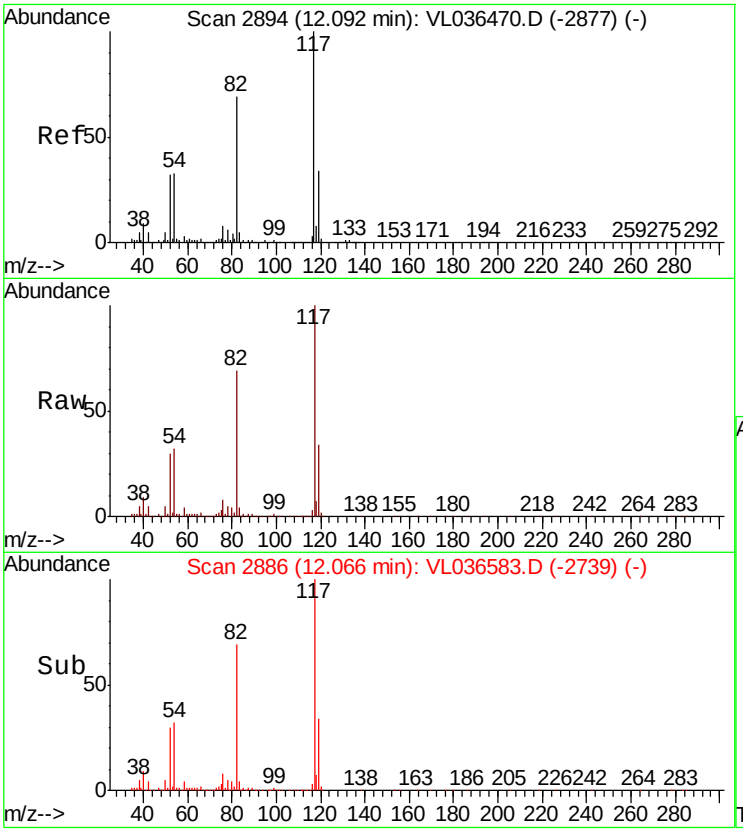


#41
Tetrahydrofuran
Concen: 0.051 ppbv
RT: 5.73 min Scan# 915
Delta R.T. -0.32 min
Lab File: VL036583.D
Acq: 30 Mar 2021 23:45

Tgt Ion: 42 Resp: 3631

Ion	Ratio	Lower	Upper
42	100		
72	6.4	27.6	41.4#
71	0.0	27.0	40.4#



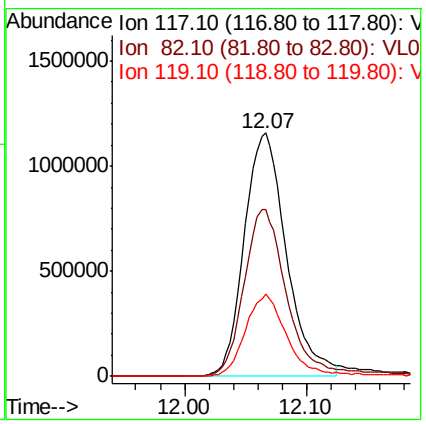


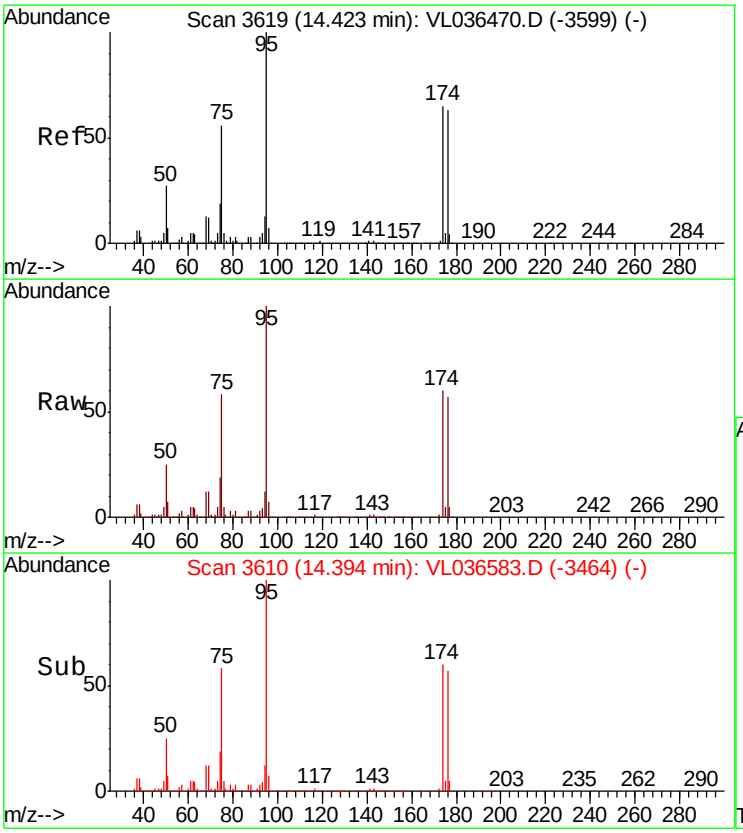
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. -0.03 min
Lab File: VL036583.D
Acq: 30 Mar 2021 23:45

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2755846

Ion	Ratio	Lower	Upper
117	100		
82	71.3	57.4	86.0
119	34.6	47.4	71.0#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.142 ppbv
RT: 14.39 min Scan# 3610
Delta R.T. -0.03 min
Lab File: VL036583.D
Acq: 30 Mar 2021 23:45

Tgt Ion: 95 Resp: 2227605

Ion	Ratio	Lower	Upper
95	100		
174	64.9	51.0	76.6
175	4.7	3.9	5.9