Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032621\
Data File : VL036515.D
Acq On : 26 Mar 2021 15:41
Operator : SY/AP
Sample : M1760-04DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Mar 27 03:29:26 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	5.69	49	1514979	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.20	114	3476698	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.12	117	3071893	10.00	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	2430812	9.93	ppbv	0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.30%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.98	51	266053	0.940	ppbv #	60
9) Propene	3.03	41	5502	0.061	ppbv #	14
13) Ethanol	3.63	45	208544	19.407	ppbv	77
15) Acetone	3.87	43	58958	0.395	ppbv #	48
16) 1,3-Butadiene	3.33	39	4127	0.040	ppbv #	13
19) Isopropyl Alcohol	4.00	45	58520	0.713	ppbv #	78
20) Methylene Chloride	4.37	84	88139	1.262	ppbv	92
25) Ethyl Acetate	5.71	43	91861	0.259	ppbv #	95
26) Hexane	5.71	57	22108	0.134	ppbv #	1
34) 2-Butanone	5.28	43	7084	0.042	ppbv #	55
38) Trichloroethene	7.87	130	11668	0.094	ppbv #	79
39) 1,2-Dichloropropane	7.20	63	946368	7.276	ppbv #	23

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

Quantitation Report (Not Reviewed)

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Acq On : 26 Mar 2021 15:41
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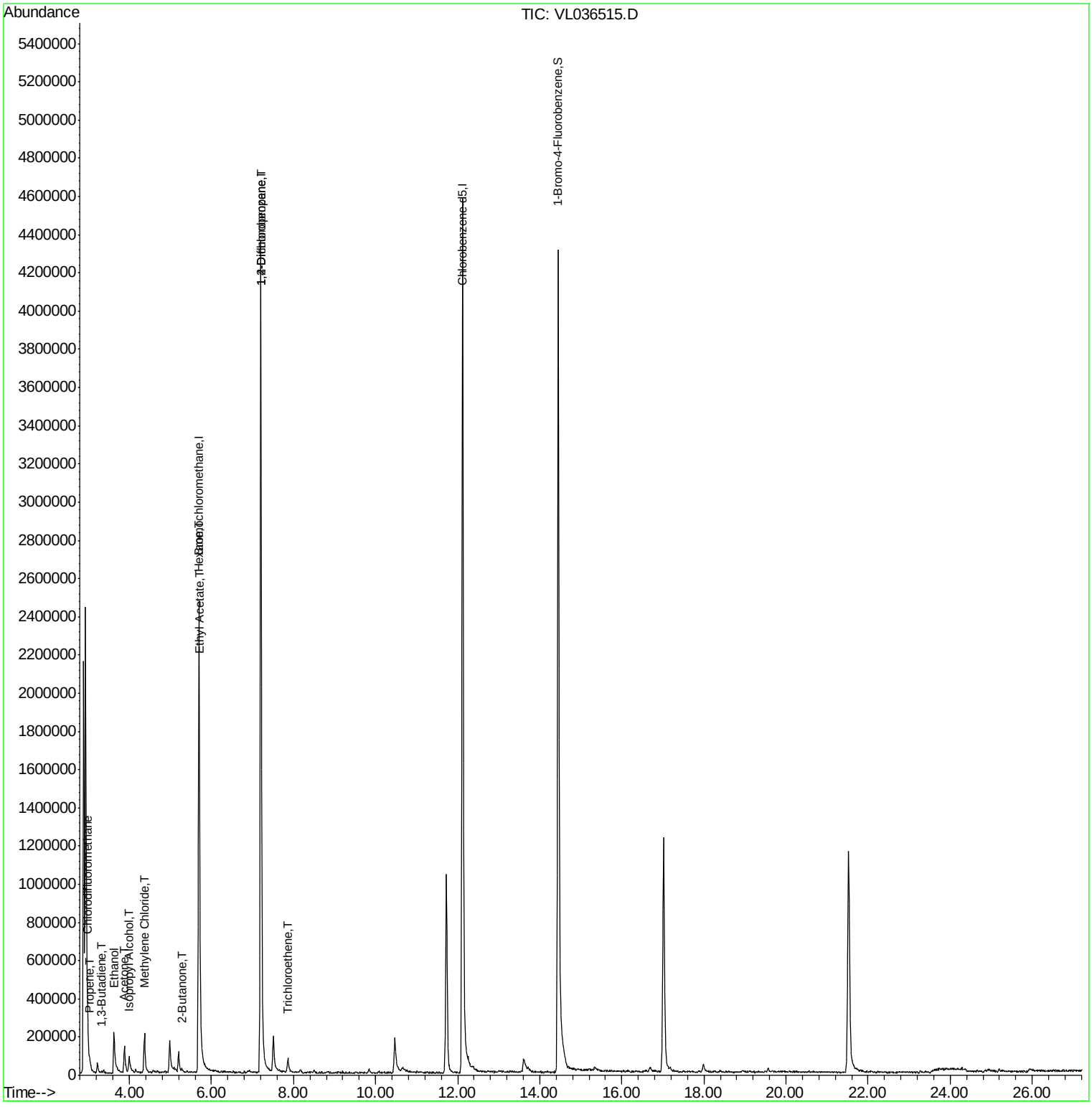
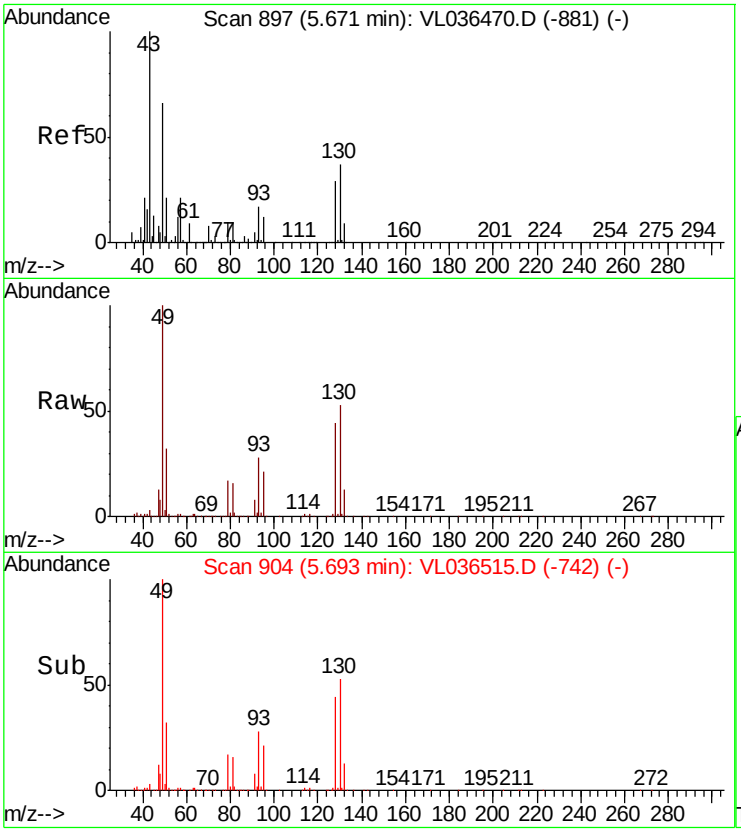


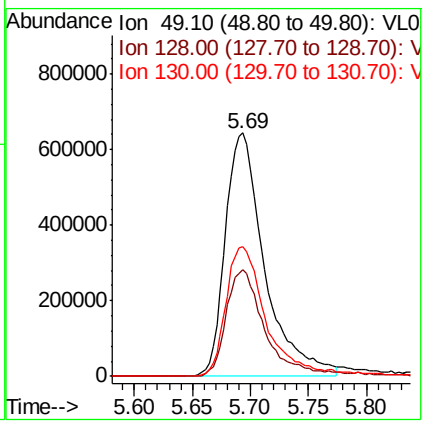


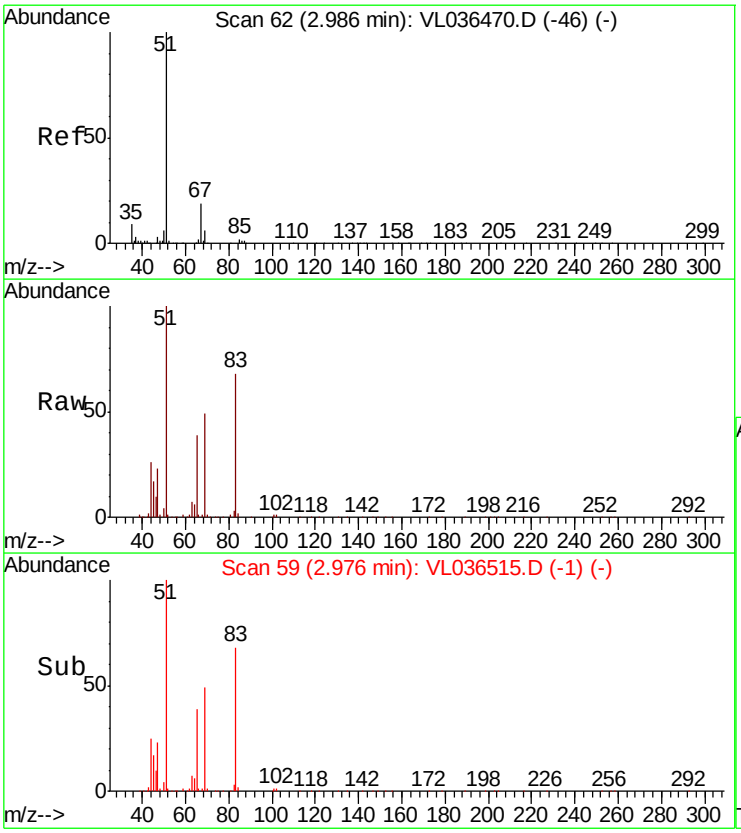
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.02 min
Lab File: VL036515.D
Acq: 26 Mar 2021 15:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1514979

Ion	Ratio	Lower	Upper
49	100		
128	44.2	23.5	70.6
130	55.9	29.1	87.4

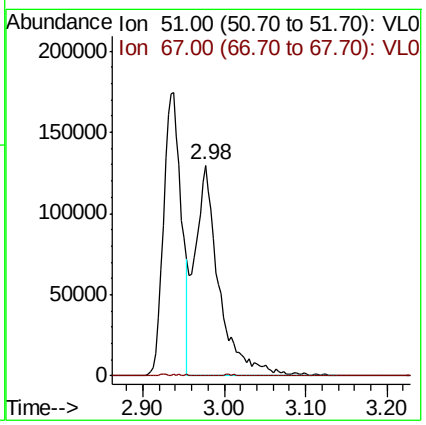


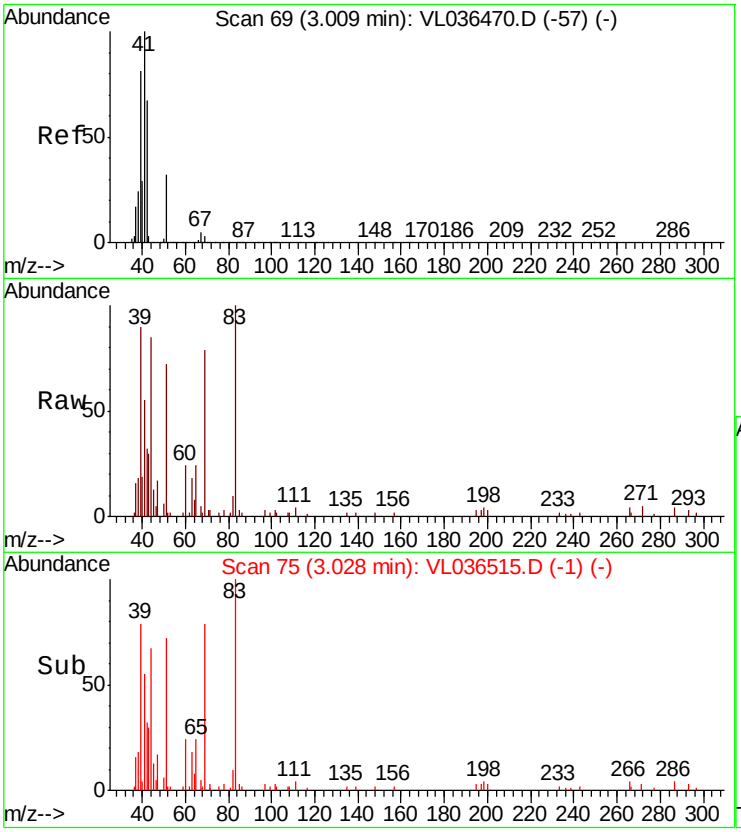


#3
Chlorodifluoromethane
Concen: 0.940 ppbv
RT: 2.98 min Scan# 59
Delta R.T. -0.01 min
Lab File: VL036515.D
Acq: 26 Mar 2021 15:41

Tgt Ion: 51 Resp: 266053

Ion	Ratio	Lower	Upper
51	100		
67	0.5	14.7	22.1#



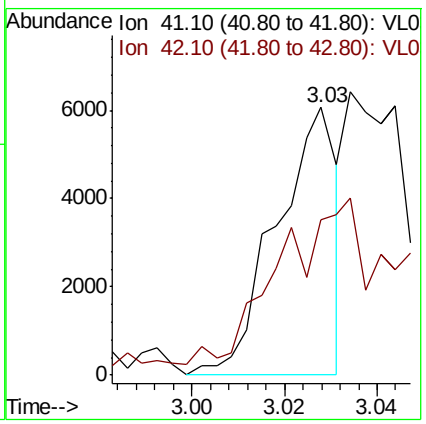


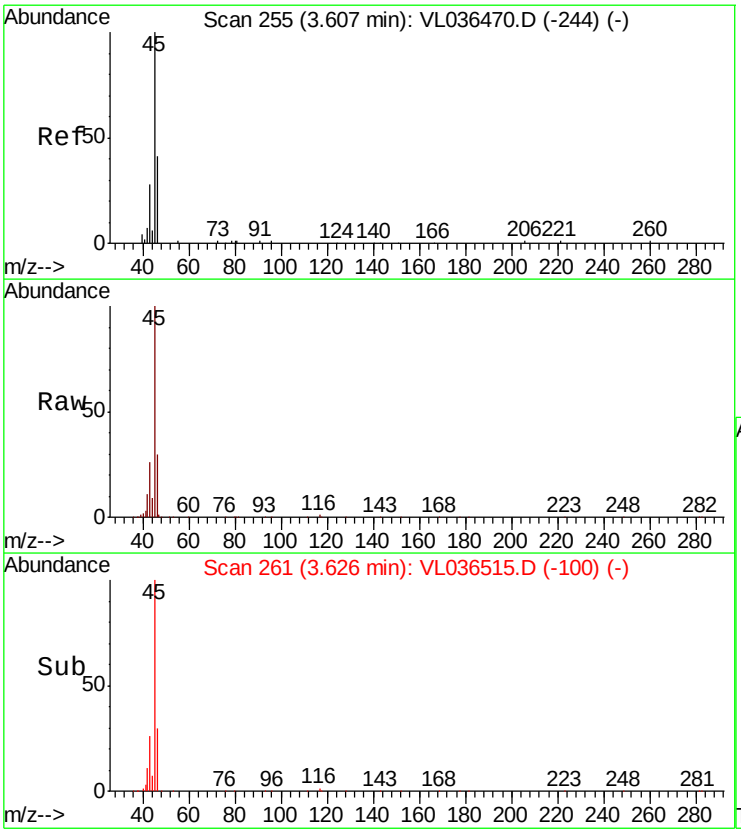
#9
Propene
Concen: 0.061 ppbv
RT: 3.03 min Scan# 75
Delta R.T. 0.02 min
Lab File: VL036515.D
Acq: 26 Mar 2021 15:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 5502

Ion	Ratio	Lower	Upper
41	100		
42	0.0	57.0	85.4#

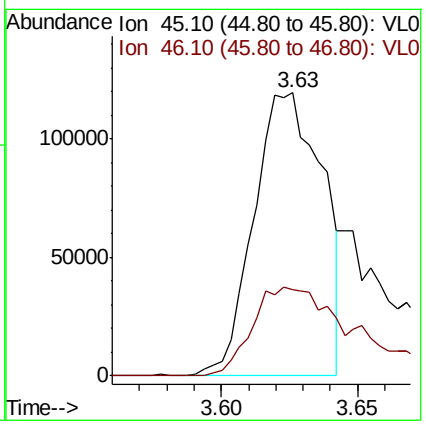


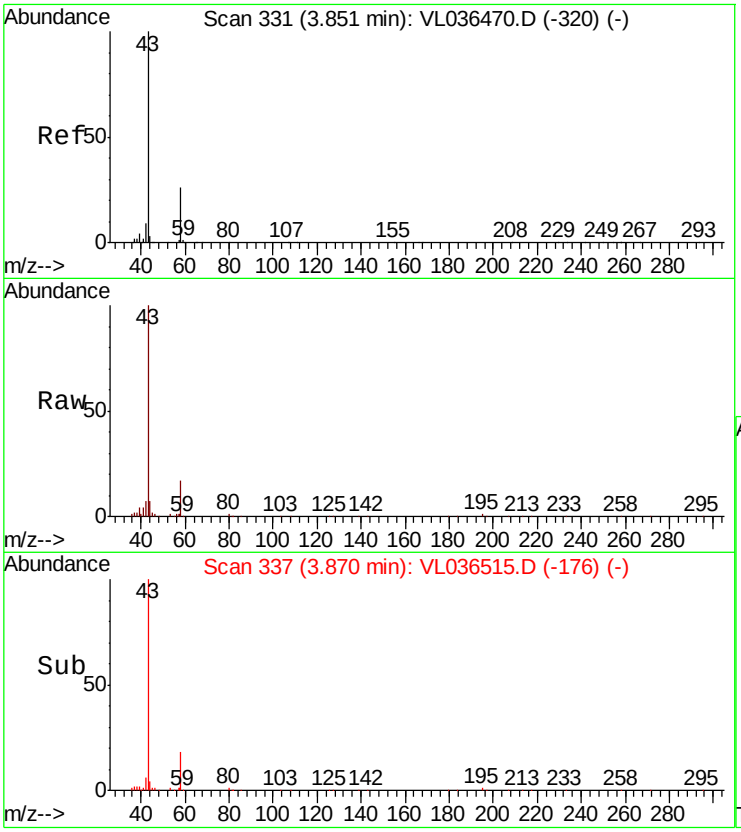


#13
Ethanol
Concen: 19.407 ppbv
RT: 3.63 min Scan# 261
Delta R.T. 0.02 min
Lab File: VL036515.D
Acq: 26 Mar 2021 15:41

Tgt Ion: 45 Resp: 208544

Ion	Ratio	Lower	Upper
45	100		
46	55.9	16.6	66.2



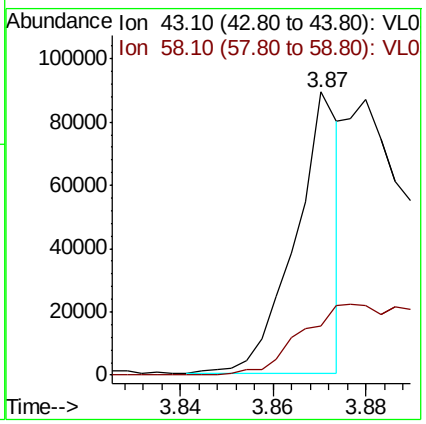


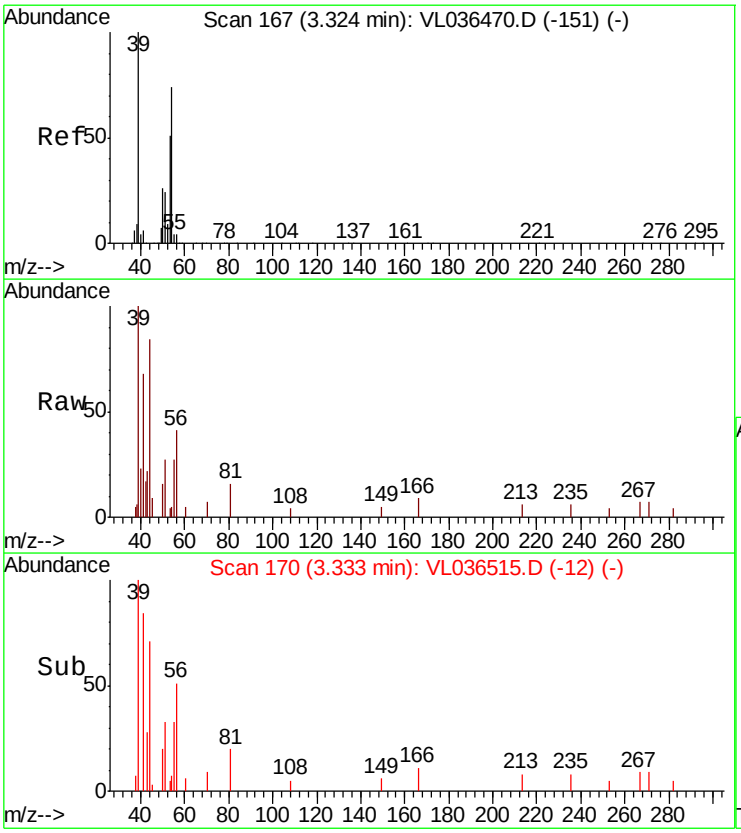
#15
Acetone
Concen: 0.395 ppbv
RT: 3.87 min Scan# 337
Delta R.T. 0.02 min
Lab File: VL036515.D
Acq: 26 Mar 2021 15:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 58958

Ion	Ratio	Lower	Upper
43	100		
58	0.0	21.2	31.8#

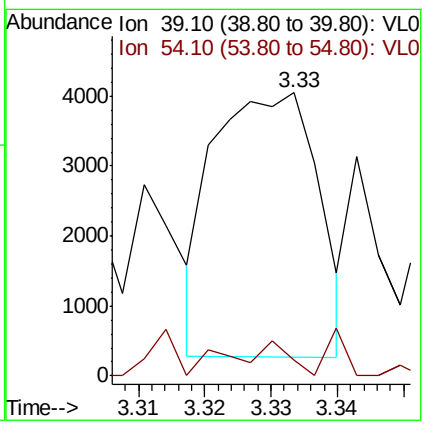


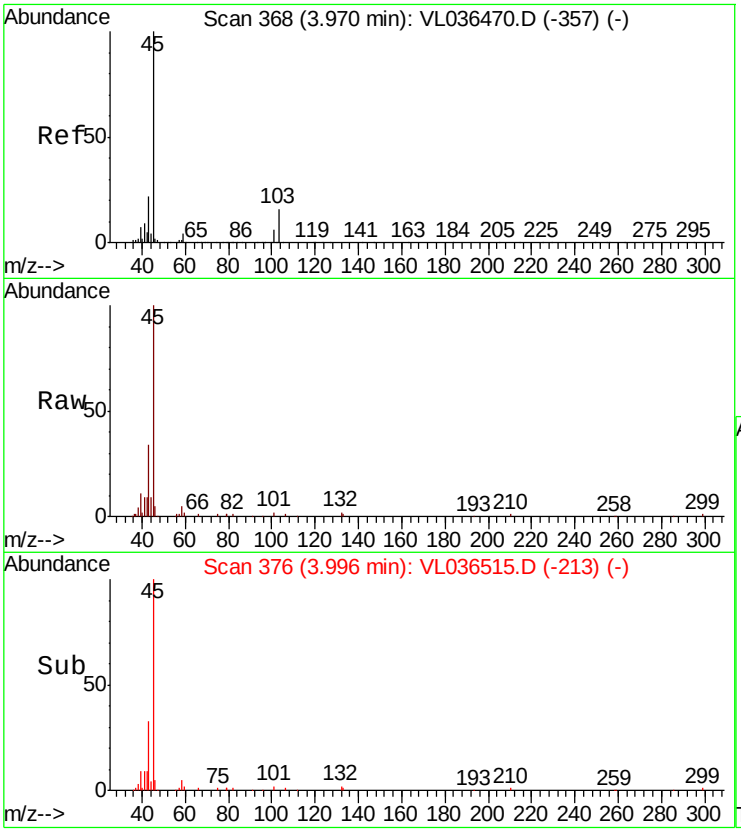


#16
1,3-Butadiene
Concen: 0.040 ppbv
RT: 3.33 min Scan# 170
Delta R.T. 0.01 min
Lab File: VL036515.D
Acq: 26 Mar 2021 15:41

Tgt Ion: 39 Resp: 4127

Ion	Ratio	Lower	Upper
39	100		
54	0.0	58.8	88.2#



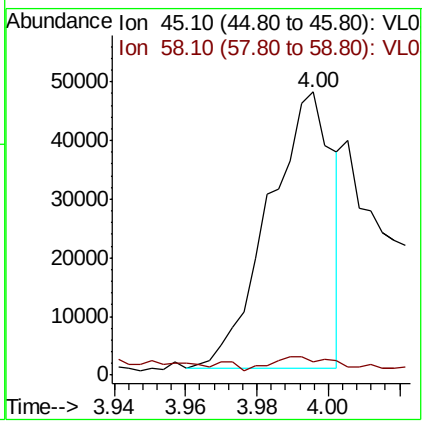


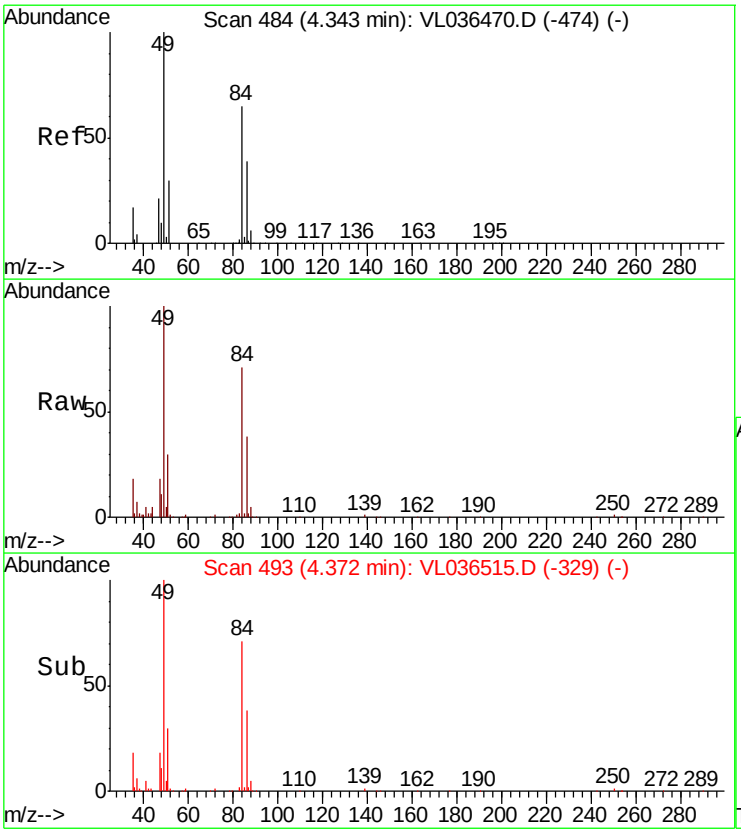
#19
Isopropyl Alcohol
Concen: 0.713 ppbv
RT: 4.00 min Scan# 376
Delta R.T. 0.03 min
Lab File: VL036515.D
Acq: 26 Mar 2021 15:41

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 58520

Ion	Ratio	Lower	Upper
45	100		
58	10.8	2.9	4.3#

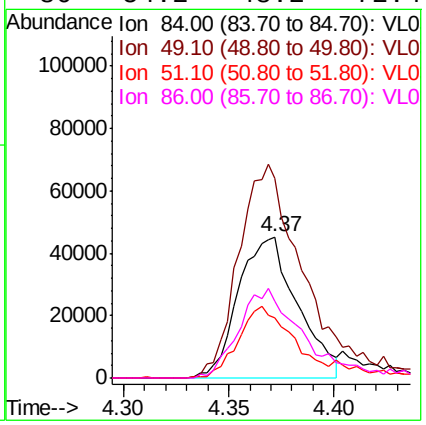


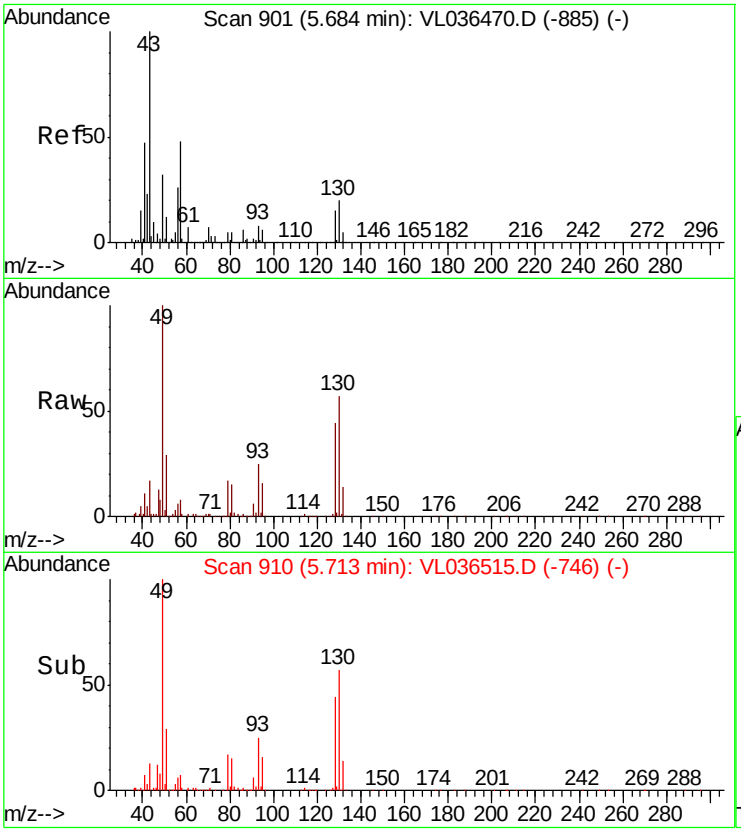


#20
Methylene Chloride
Concen: 1.262 ppbv
RT: 4.37 min Scan# 493
Delta R.T. 0.03 min
Lab File: VL036515.D
Acq: 26 Mar 2021 15:41

Tgt Ion: 84 Resp: 88139

Ion	Ratio	Lower	Upper
84	100		
49	141.7	122.9	184.3
51	42.6	36.9	55.3
86	54.2	48.2	72.4



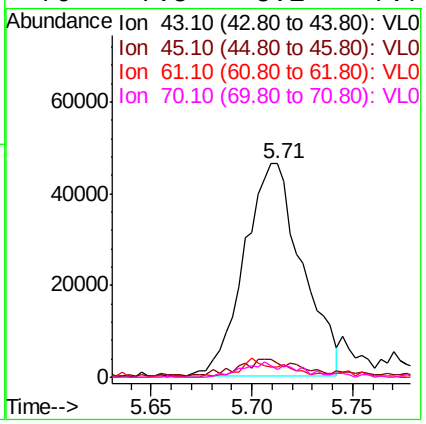


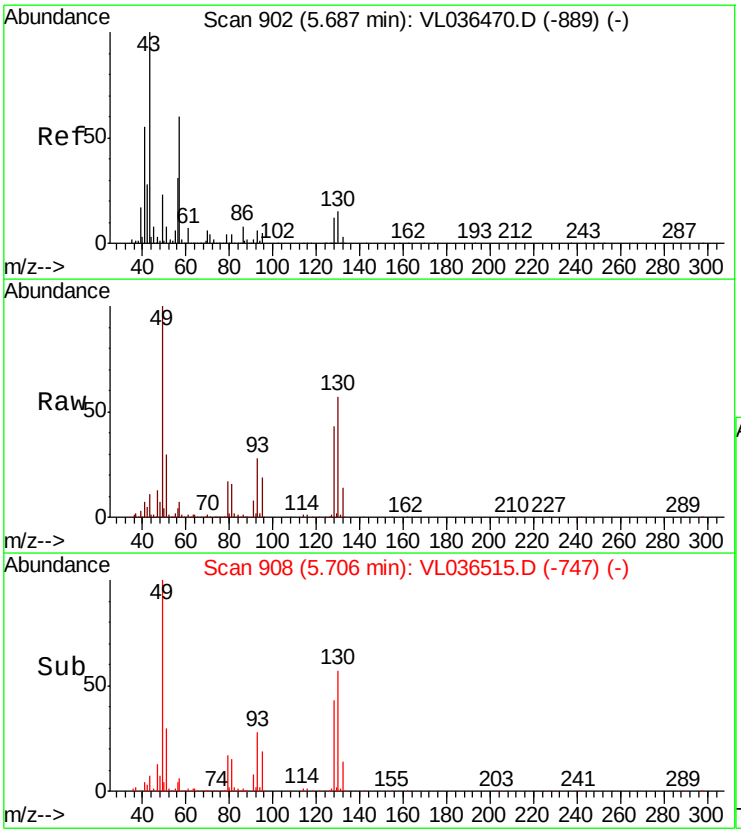
#25
Ethyl Acetate
Concen: 0.259 ppbv
RT: 5.71 min Scan# 910
Delta R.T. 0.03 min
Lab File: VL036515.D
Acq: 26 Mar 2021 15:41

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 91861

Ion	Ratio	Lower	Upper
43	100		
45	13.1	7.9	11.9#
61	8.3	7.4	11.2
70	7.5	5.1	7.7

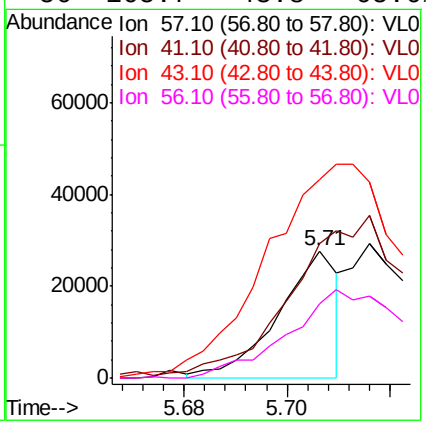


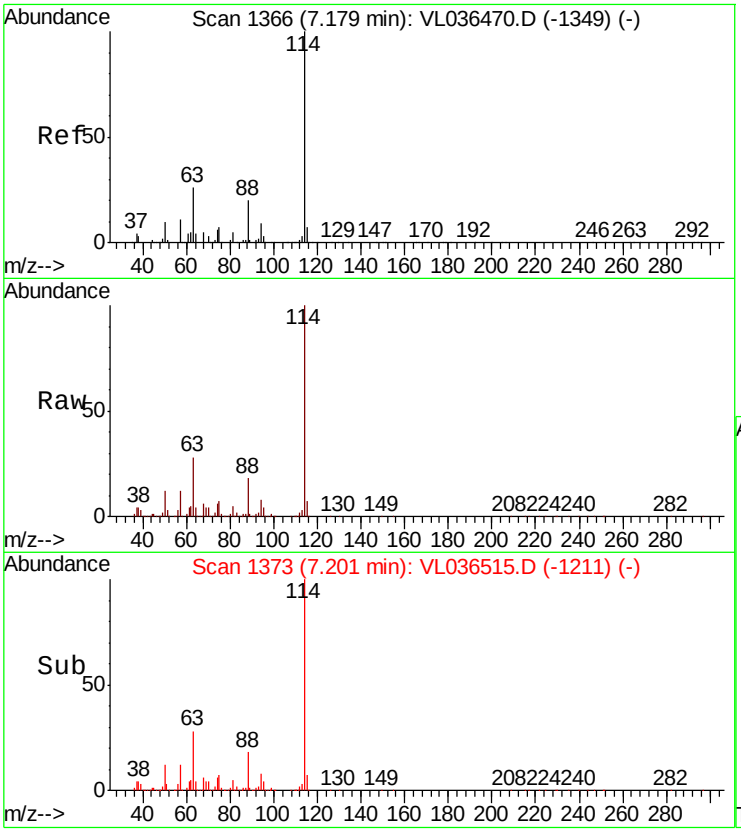


#26
Hexane
Concen: 0.134 ppbv
RT: 5.71 min Scan# 908
Delta R.T. 0.02 min
Lab File: VL036515.D
Acq: 26 Mar 2021 15:41

Tgt Ion: 57 Resp: 22108

Ion	Ratio	Lower	Upper
57	100		
41	0.0	77.2	115.8#
43	0.0	173.8	260.6#
56	165.7	43.8	65.6#



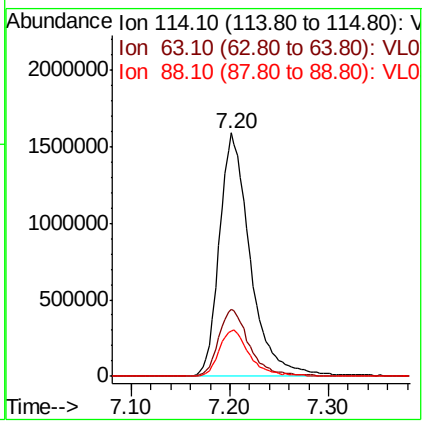


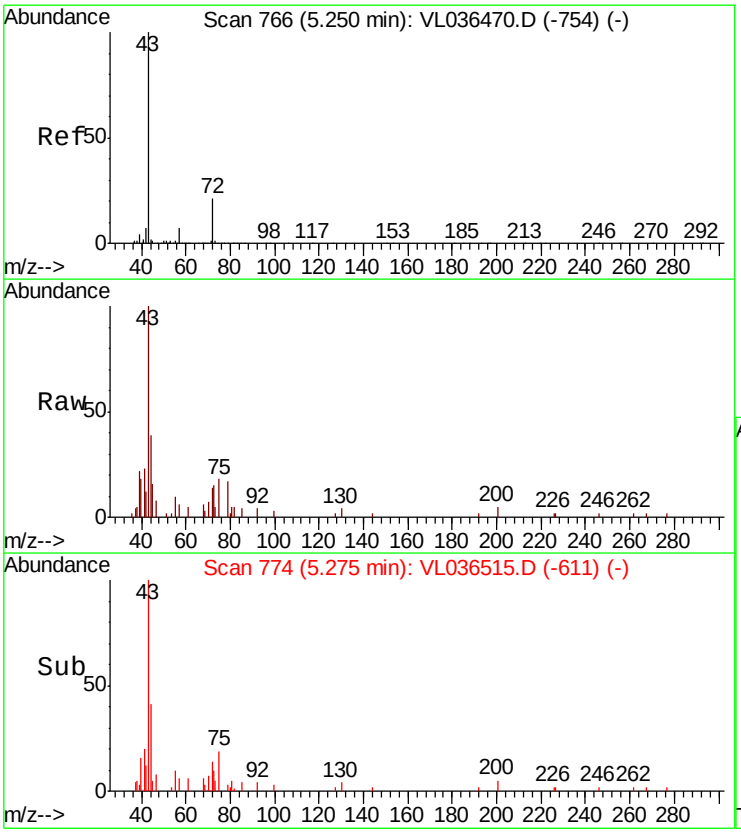
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1373
Delta R.T. 0.02 min
Lab File: VL036515.D
Acq: 26 Mar 2021 15:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 3476698

Ion	Ratio	Lower	Upper
114	100		
63	28.1	22.4	33.6
88	19.1	15.4	23.0

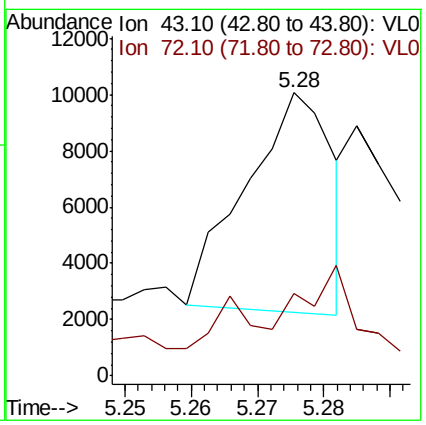


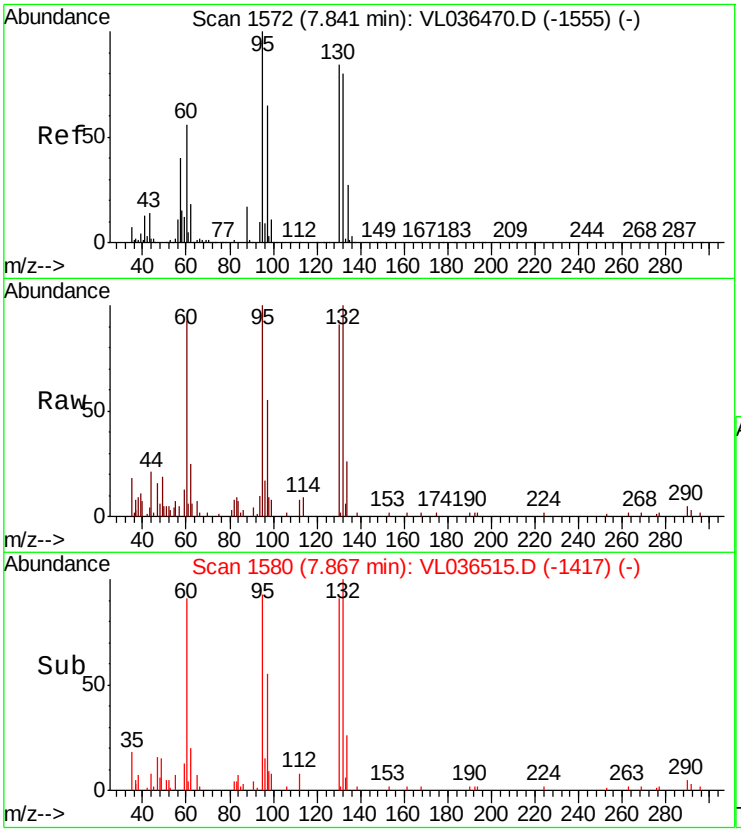


#34
2-Butanone
Concen: 0.042 ppbv
RT: 5.28 min Scan# 774
Delta R.T. 0.03 min
Lab File: VL036515.D
Acq: 26 Mar 2021 15:41

Tgt Ion: 43 Resp: 7084

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.0	25.6#



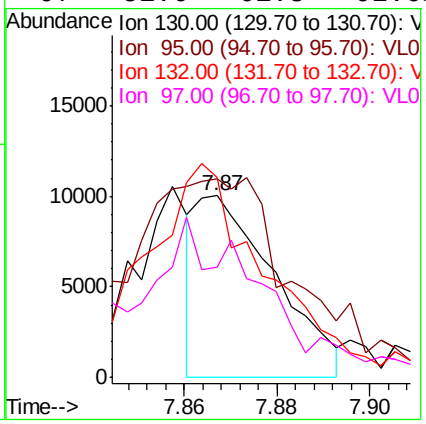


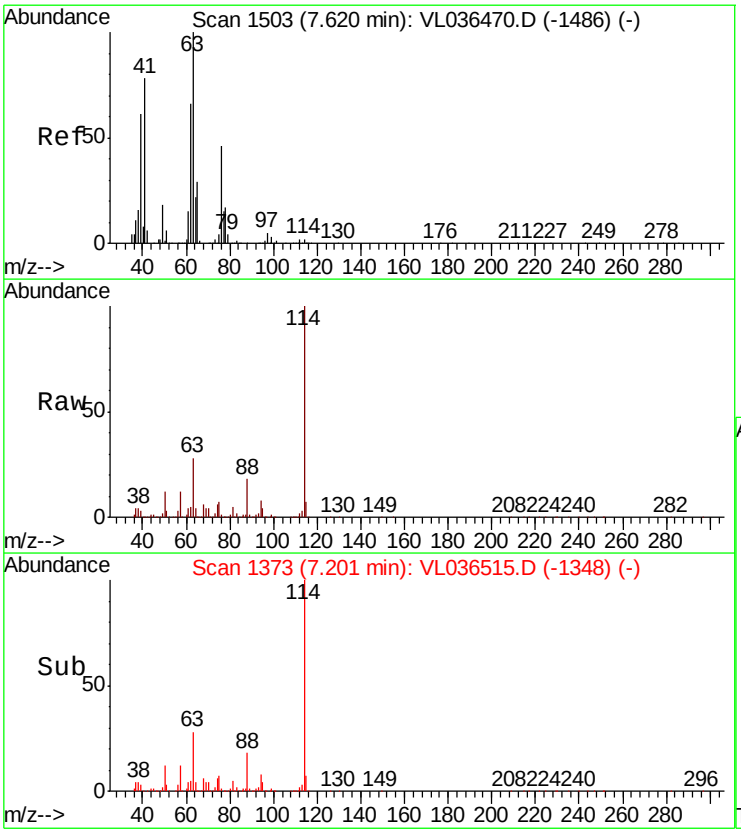
#38
Trichloroethene
Concen: 0.094 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. 0.03 min
Lab File: VL036515.D
Acq: 26 Mar 2021 15:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:130 Resp: 11668

Ion	Ratio	Lower	Upper
130	100		
95	93.4	95.7	143.5#
132	104.8	76.2	114.4
97	51.6	61.8	92.6#

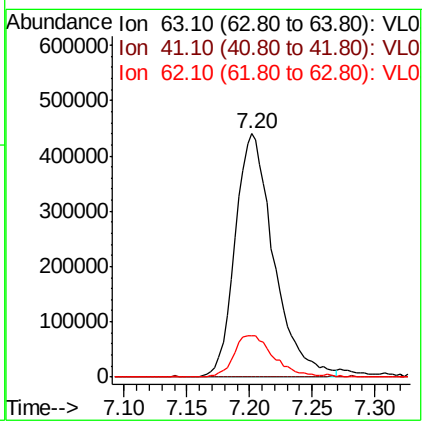


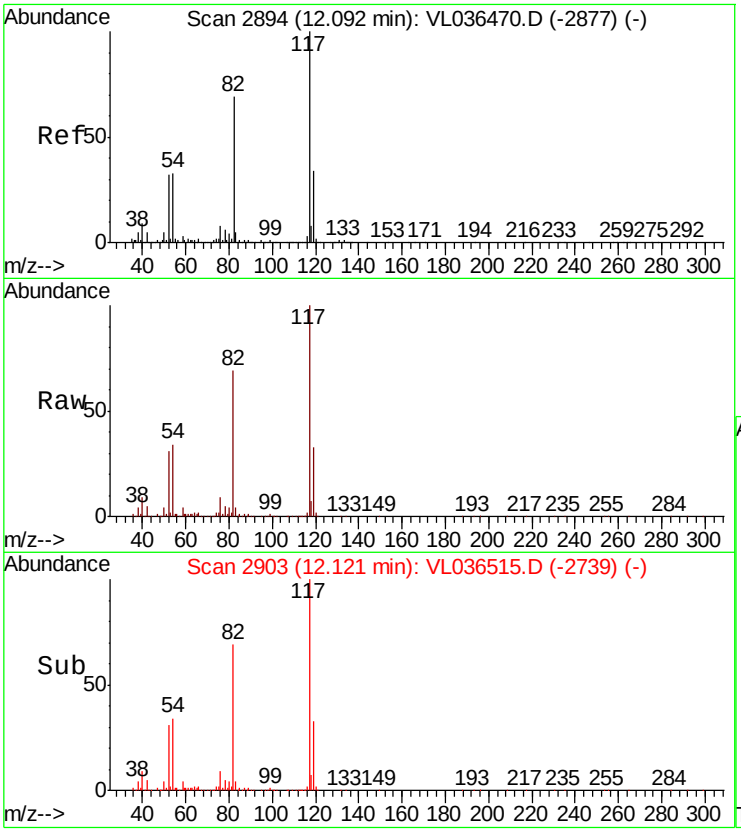


#39
1,2-Dichloropropane
Concen: 7.276 ppbv
RT: 7.20 min Scan# 1373
Delta R.T. -0.42 min
Lab File: VL036515.D
Acq: 26 Mar 2021 15:41

Tgt Ion: 63 Resp: 946368

Ion	Ratio	Lower	Upper
63	100		
41	0.0	62.4	93.6#
62	17.2	52.8	79.2#



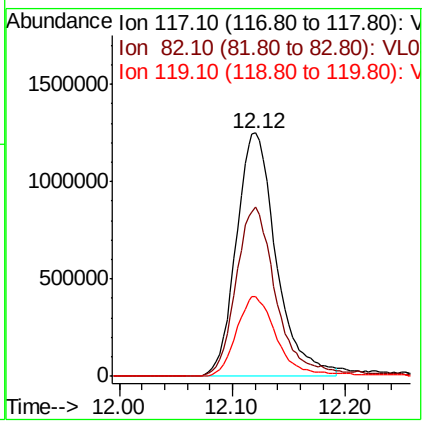


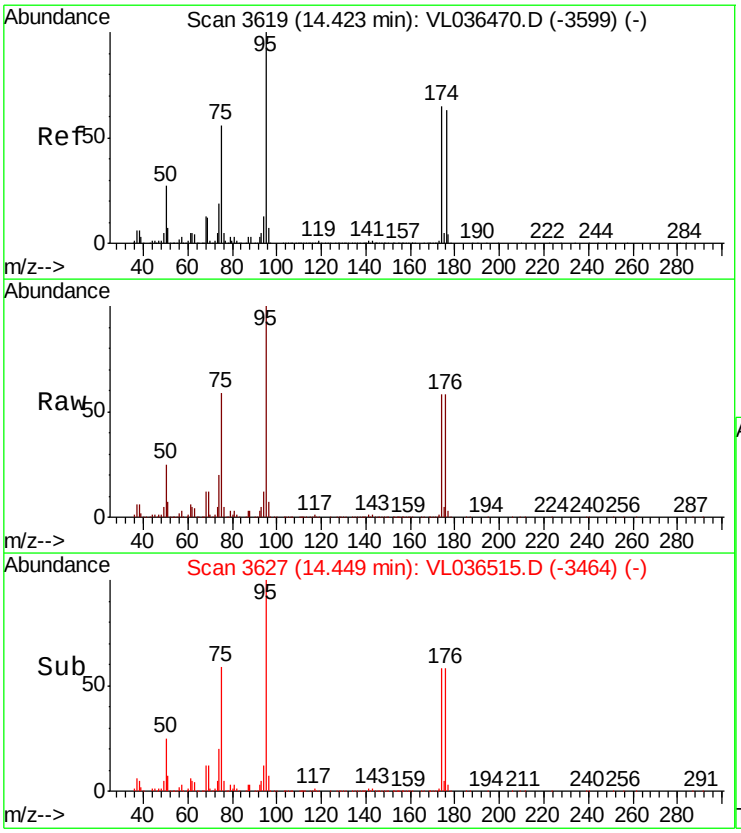
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. 0.03 min
Lab File: VL036515.D
Acq: 26 Mar 2021 15:41

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 3071893

Ion	Ratio	Lower	Upper
117	100		
82	72.2	57.4	86.0
119	34.4	47.4	71.0#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.928 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. 0.03 min
Lab File: VL036515.D
Acq: 26 Mar 2021 15:41

Tgt Ion: 95 Resp: 2430812

Ion	Ratio	Lower	Upper
95	100		
174	64.1	51.0	76.6
175	4.7	3.9	5.9