Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040121\
Data File : VL036632.D
Acq On : 1 Apr 2021 14:51
Operator : SY/AP
Sample : M1841-04DL2 40X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Apr 02 01:22:28 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	5.68	49	1457964	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3251625	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2919837	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	2342803	10.07	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.70%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.97	51	59169	0.217	ppbv #	60
9) Propene	3.36	41	3689	0.042	ppbv	94
13) Ethanol	3.63	45	94085	9.098	ppbv	98
15) Acetone	3.87	43	780519	5.439	ppbv	96
16) 1,3-Butadiene	3.33	39	2668	0.027	ppbv #	13
19) Isopropyl Alcohol	4.00	45	173660	2.200	ppbv #	74
20) Methylene Chloride	4.36	84	48420	0.721	ppbv	96
25) Ethyl Acetate	5.70	43	30009	0.088	ppbv #	80
26) Hexane	5.70	57	49695	0.314	ppbv #	42
34) 2-Butanone	5.27	43	30096	0.190	ppbv #	40
39) 1,2-Dichloropropane	7.19	63	907186	7.457	ppbv #	23
60) o-Xylene	13.71	91	10279	0.029	ppbv #	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040121\
Data File : VL036632.D
Acq On : 1 Apr 2021 14:51
Operator : SY/AP
Sample : M1841-04DL2 40X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
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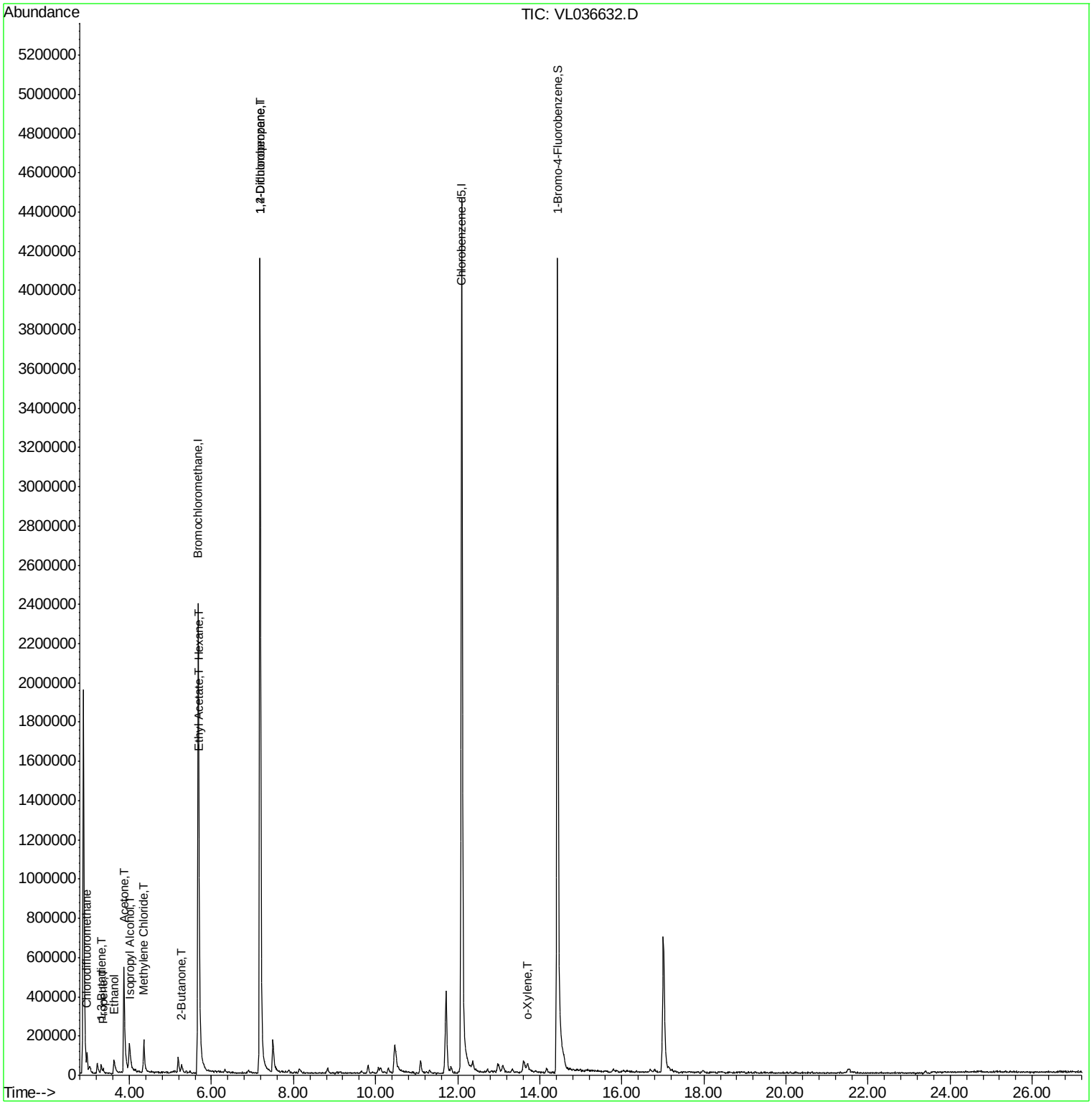
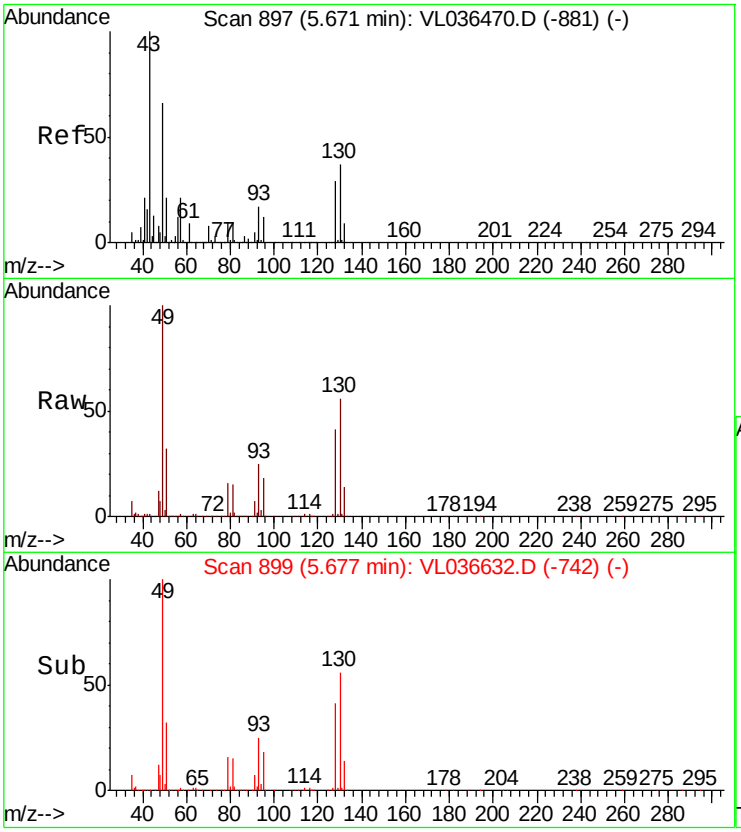


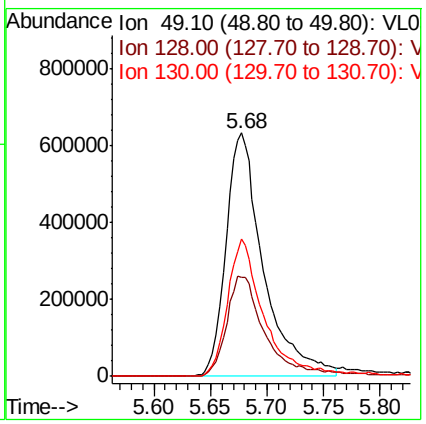


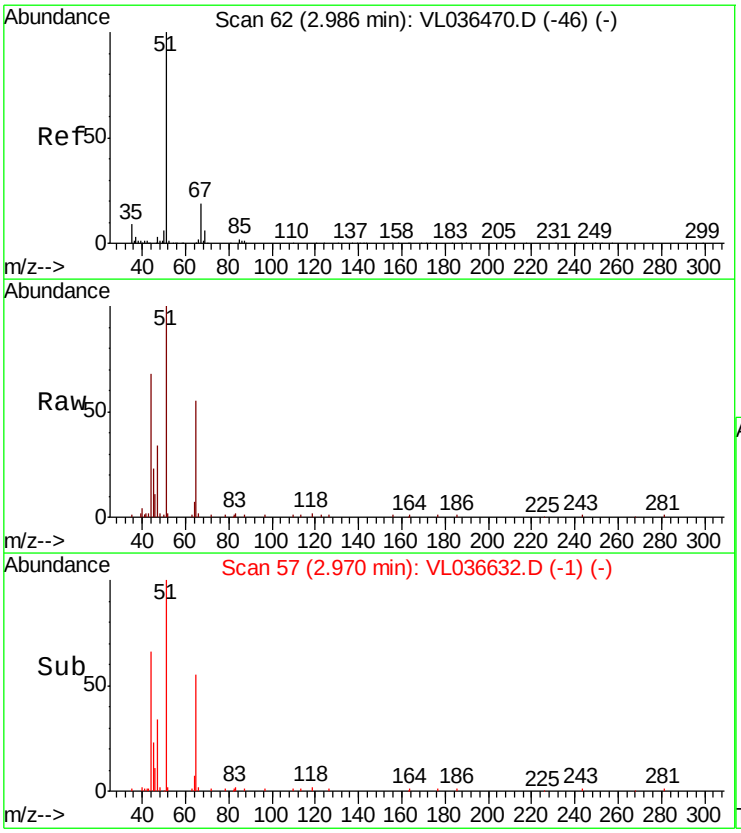
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.01 min
Lab File: VL036632.D
Acq: 1 Apr 2021 14:51

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1457964

Ion	Ratio	Lower	Upper
49	100		
128	44.2	23.5	70.6
130	57.6	29.1	87.4

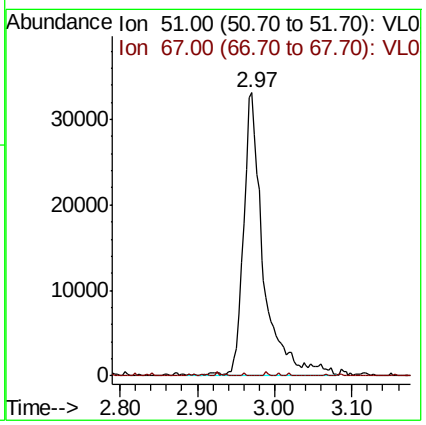


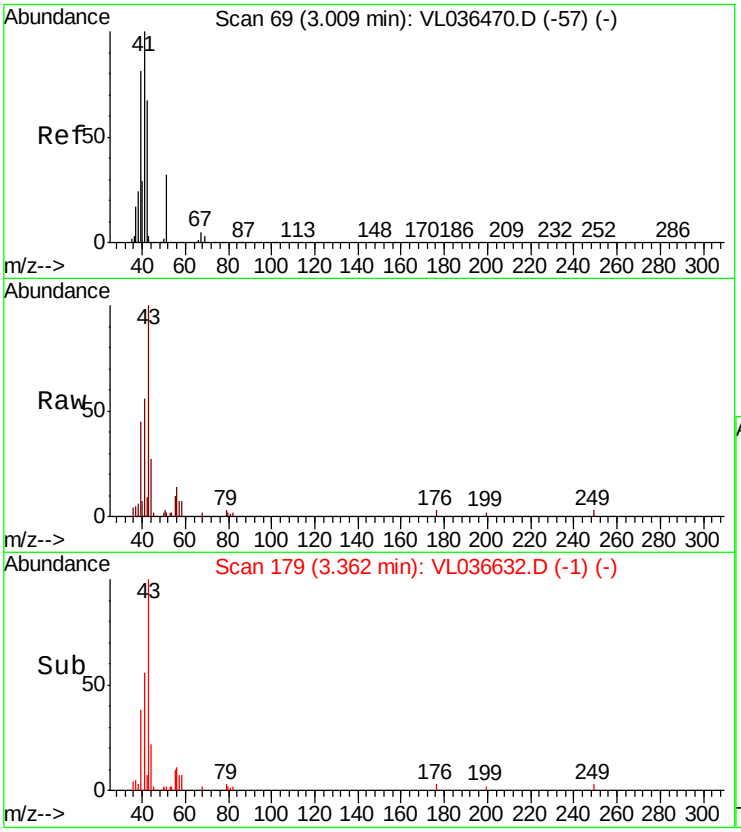


#3
Chlorodifluoromethane
Concen: 0.217 ppbv
RT: 2.97 min Scan# 57
Delta R.T. -0.02 min
Lab File: VL036632.D
Acq: 1 Apr 2021 14:51

Tgt Ion: 51 Resp: 59169

Ion	Ratio	Lower	Upper
51	100		
67	0.4	14.7	22.1#



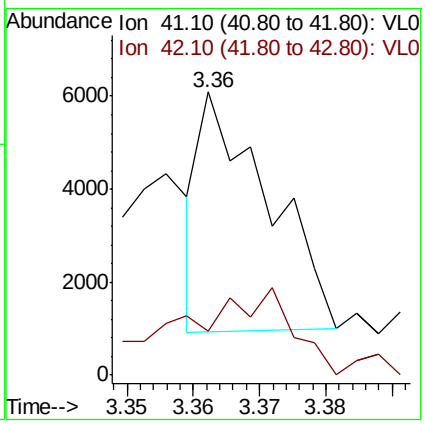


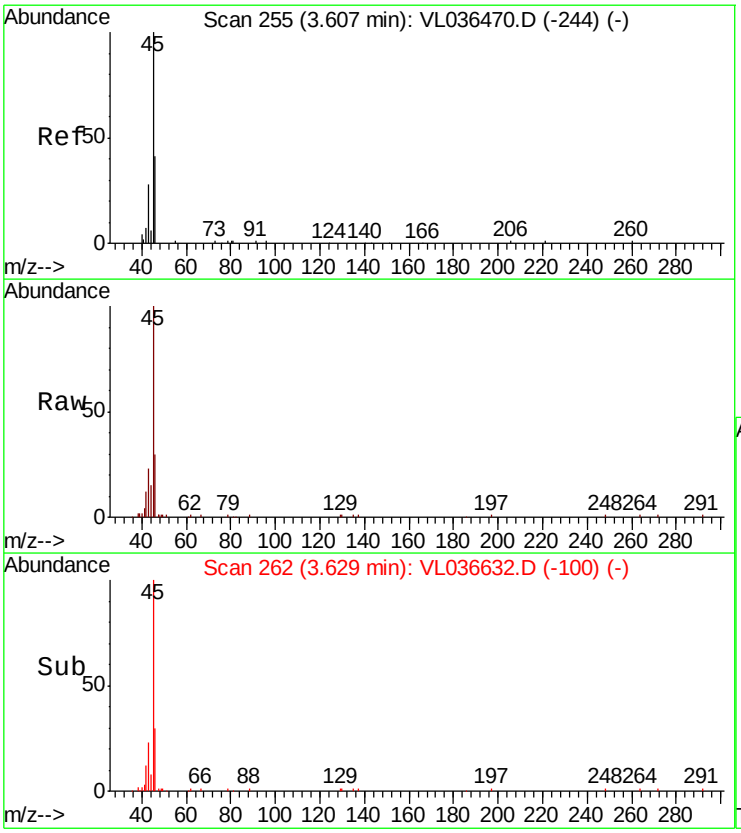
#9
Propene
Concen: 0.042 ppbv
RT: 3.36 min Scan# 179
Delta R.T. 0.35 min
Lab File: VL036632.D
Acq: 1 Apr 2021 14:51

Tgt Ion: 41 Resp: 3689

Ion	Ratio	Lower	Upper
41	100		
42	66.6	57.0	85.4

Instrument :
MSVOA_L
ClientSampleId :

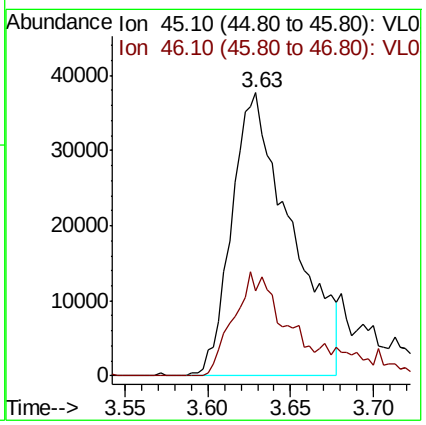


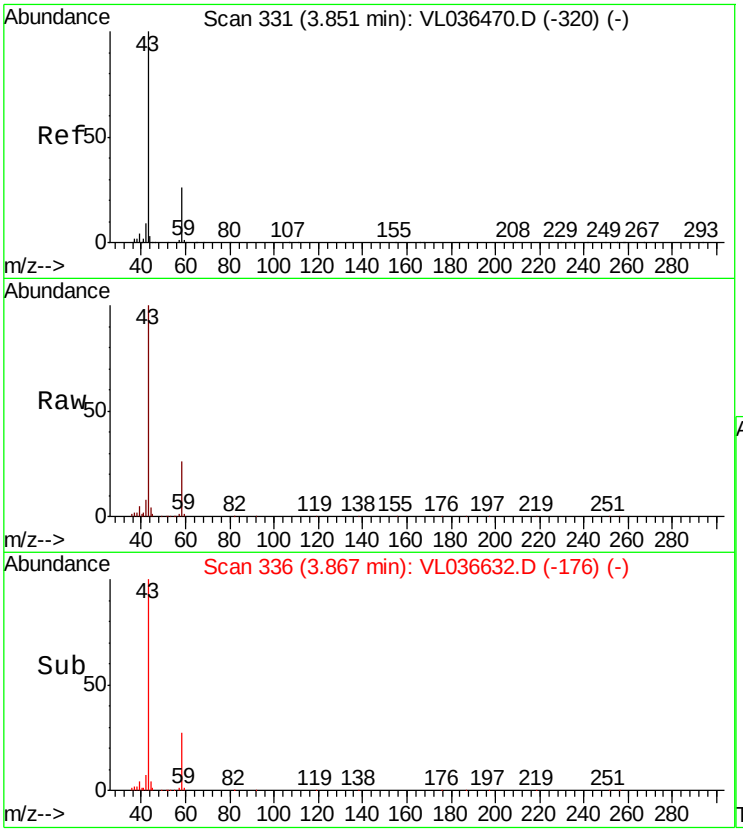


#13
Ethanol
Concen: 9.098 ppbv
RT: 3.63 min Scan# 262
Delta R.T. 0.02 min
Lab File: VL036632.D
Acq: 1 Apr 2021 14:51

Tgt Ion: 45 Resp: 94085

Ion	Ratio	Lower	Upper
45	100		
46	40.3	16.6	66.2



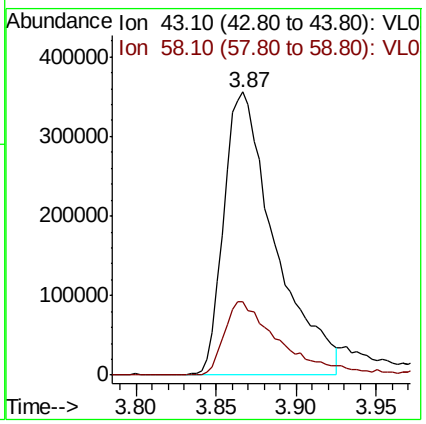


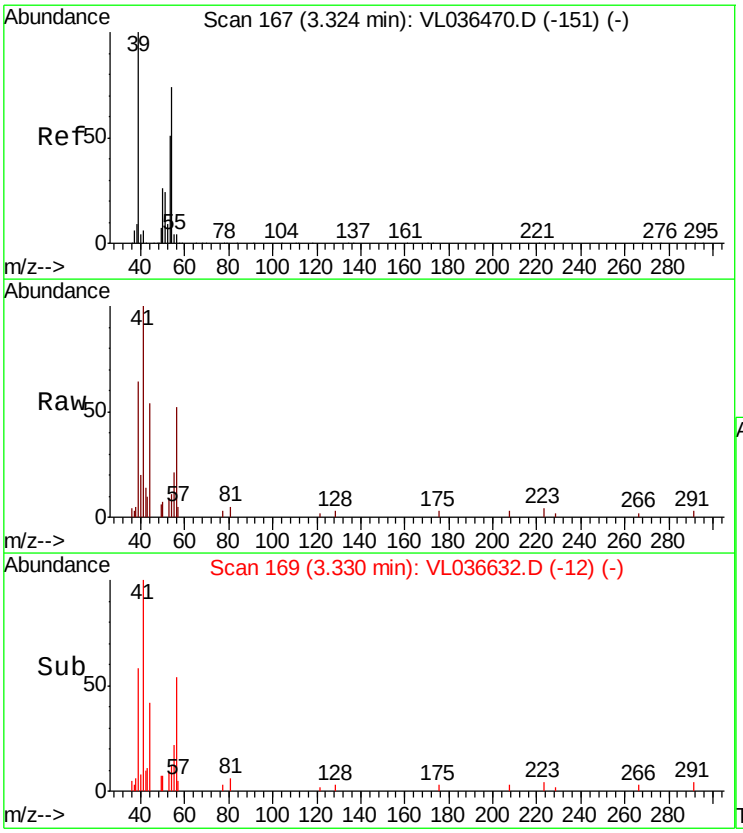
#15
Acetone
Concen: 5.439 ppbv
RT: 3.87 min Scan# 336
Delta R.T. 0.02 min
Lab File: VL036632.D
Acq: 1 Apr 2021 14:51

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 780519

Ion	Ratio	Lower	Upper
43	100		
58	28.6	21.2	31.8

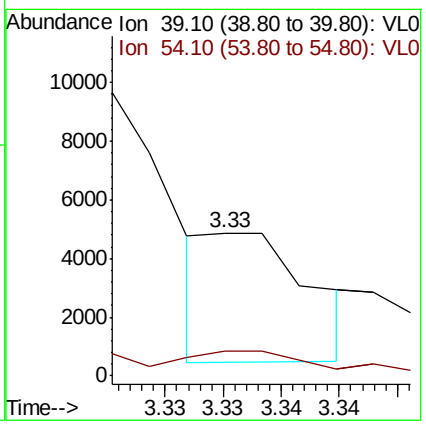


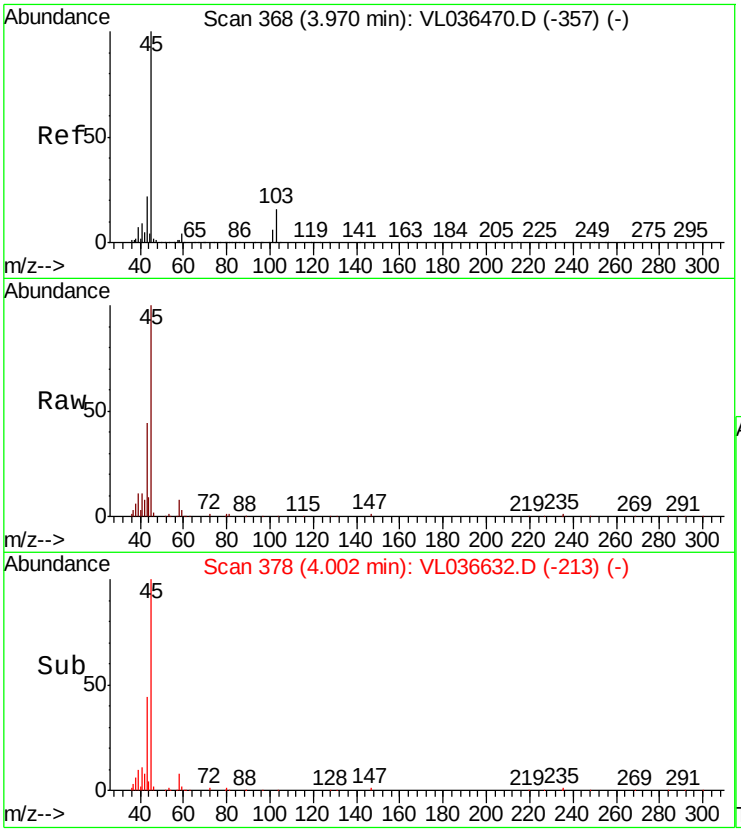


#16
1,3-Butadiene
Concen: 0.027 ppbv
RT: 3.33 min Scan# 169
Delta R.T. 0.01 min
Lab File: VL036632.D
Acq: 1 Apr 2021 14:51

Tgt Ion: 39 Resp: 2668

Ion	Ratio	Lower	Upper
39	100		
54	0.0	58.8	88.2#



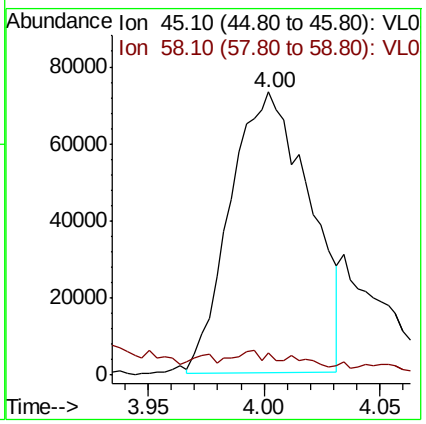


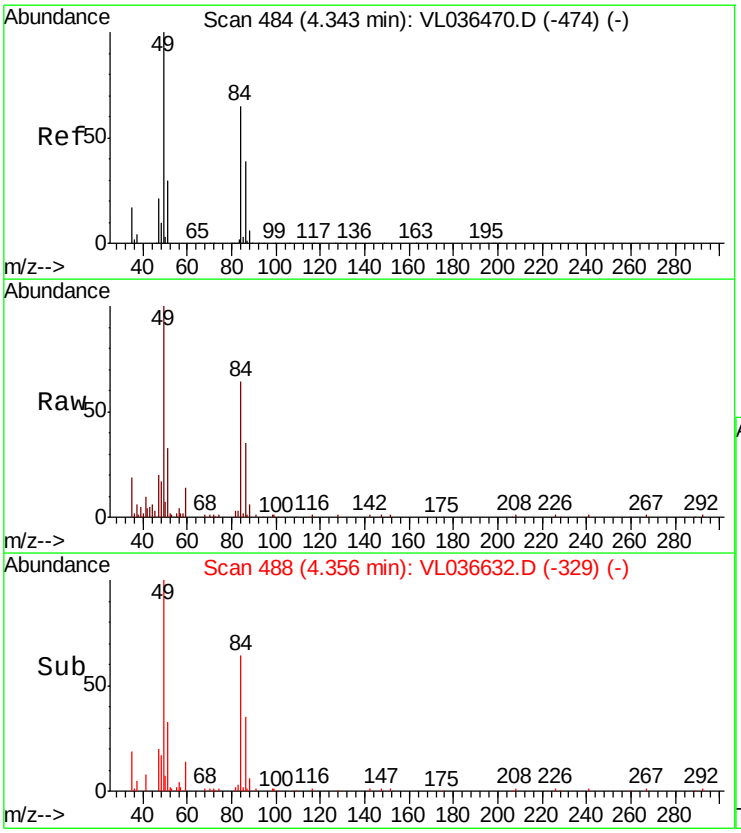
#19
Isopropyl Alcohol
Concen: 2.200 ppbv
RT: 4.00 min Scan# 378
Delta R.T. 0.03 min
Lab File: VL036632.D
Acq: 1 Apr 2021 14:51

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 173660

Ion	Ratio	Lower	Upper
45	100		
58	12.1	2.9	4.3#

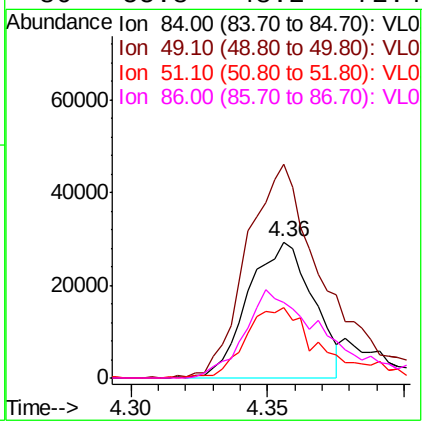


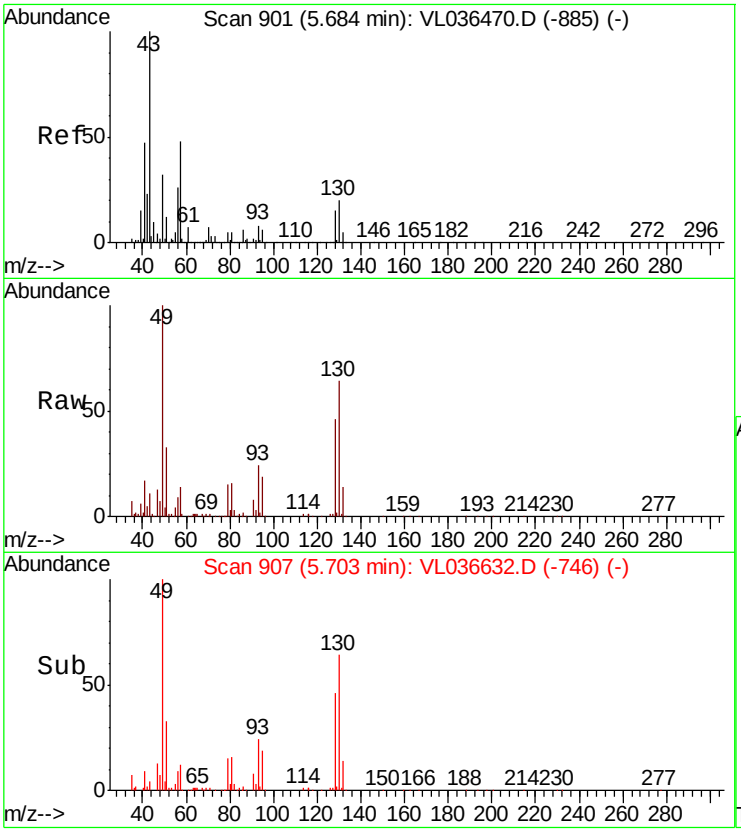


#20
Methylene Chloride
Concen: 0.721 ppbv
RT: 4.36 min Scan# 488
Delta R.T. 0.01 min
Lab File: VL036632.D
Acq: 1 Apr 2021 14:51

Tgt Ion: 84 Resp: 48420

Ion	Ratio	Lower	Upper
84	100		
49	156.5	122.9	184.3
51	50.9	36.9	55.3
86	55.8	48.2	72.4



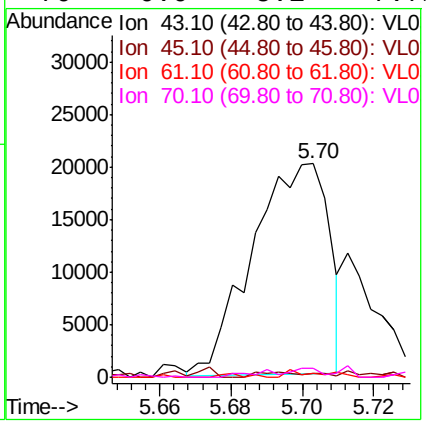


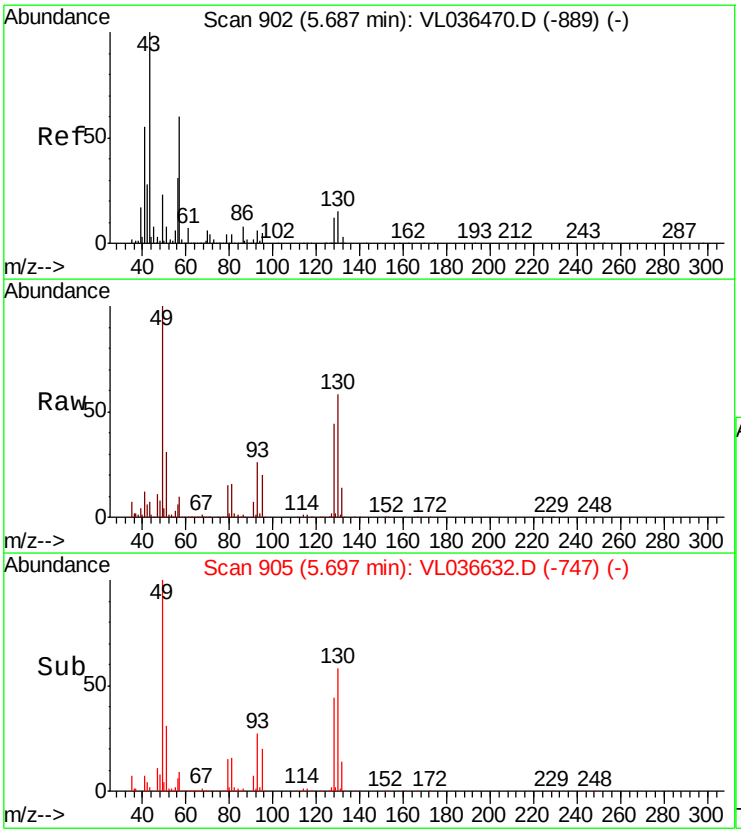
#25
Ethyl Acetate
Concen: 0.088 ppbv
RT: 5.70 min Scan# 907
Delta R.T. 0.02 min
Lab File: VL036632.D
Acq: 1 Apr 2021 14:51

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 30009

Ion	Ratio	Lower	Upper
43	100		
45	1.9	7.9	11.9#
61	2.5	7.4	11.2#
70	0.0	5.1	7.7#

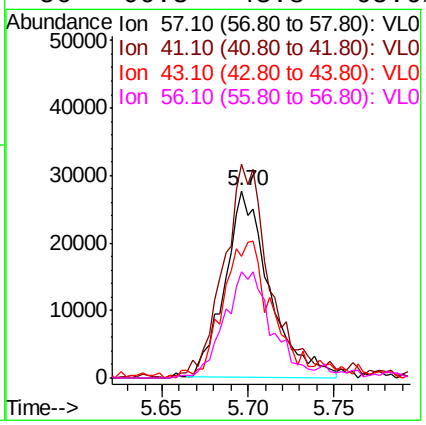


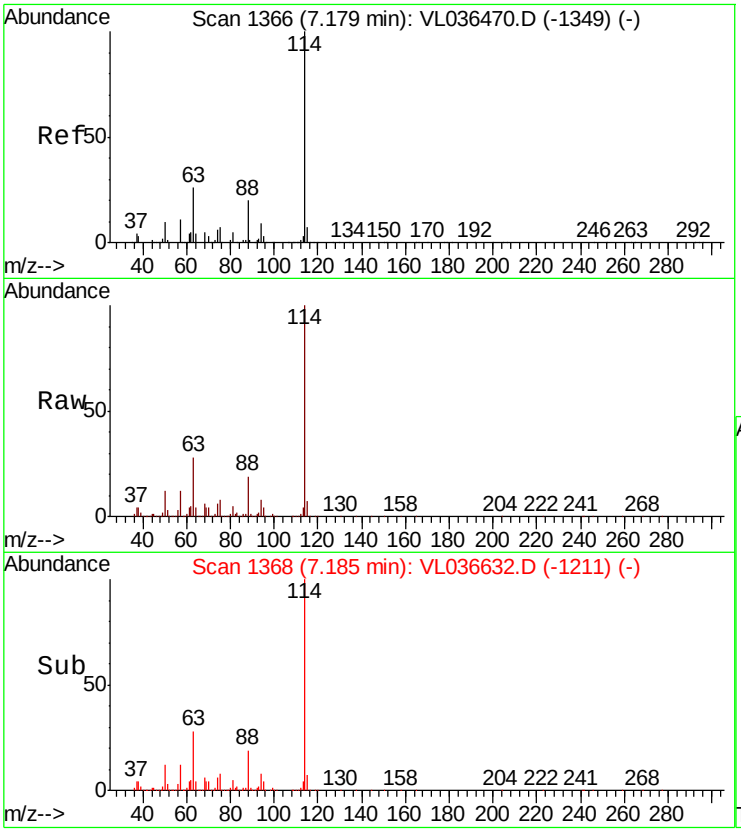


#26
Hexane
Concen: 0.314 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.01 min
Lab File: VL036632.D
Acq: 1 Apr 2021 14:51

Tgt Ion: 57 Resp: 49695

Ion	Ratio	Lower	Upper
57	100		
41	127.3	77.2	115.8#
43	89.5	173.8	260.6#
56	66.3	43.8	65.6#



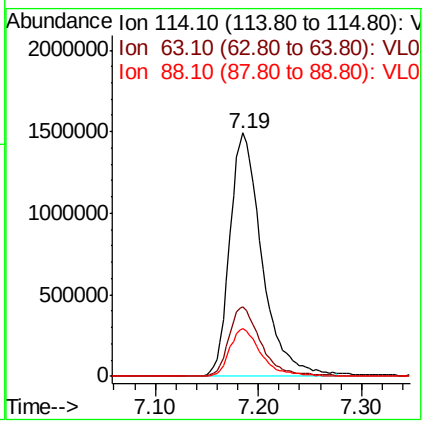


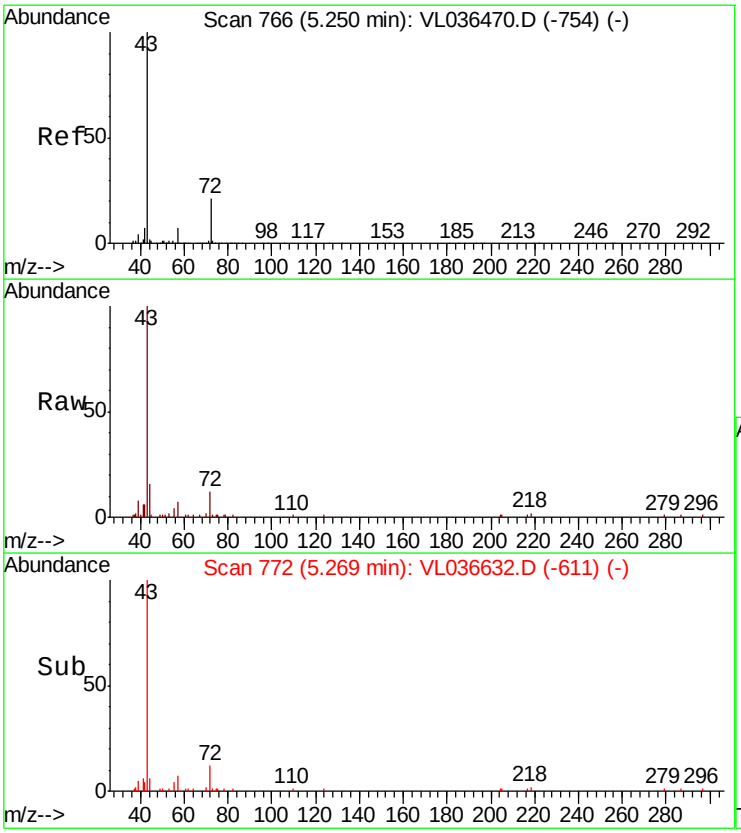
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VL036632.D
Acq: 1 Apr 2021 14:51

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 3251625

Ion	Ratio	Lower	Upper
114	100		
63	28.9	22.4	33.6
88	19.3	15.4	23.0

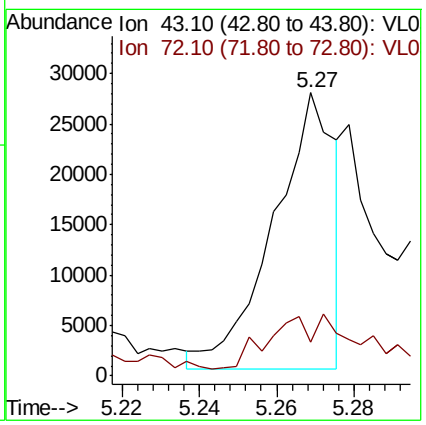


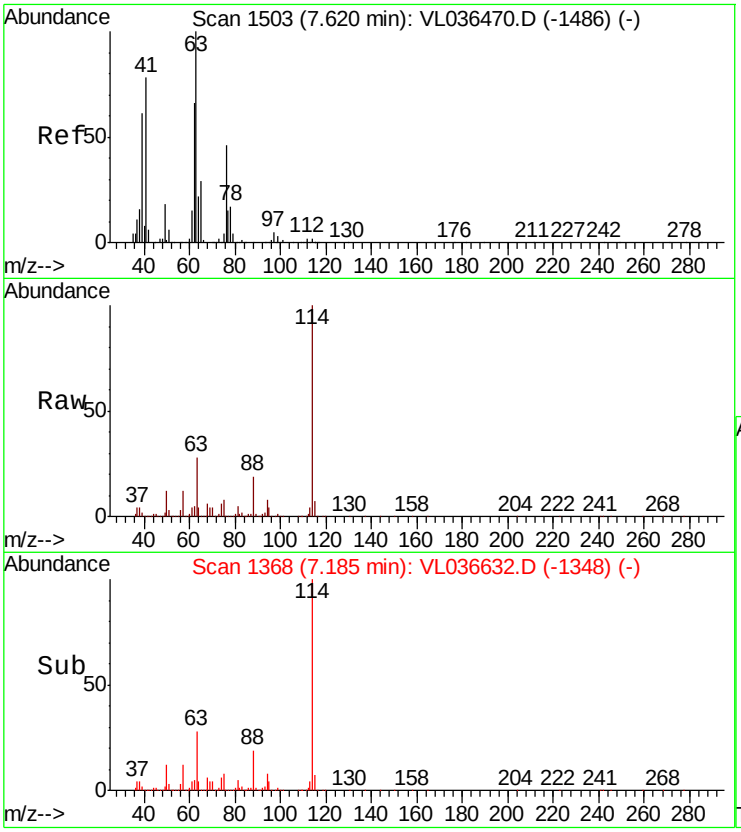


#34
2-Butanone
Concen: 0.190 ppbv
RT: 5.27 min Scan# 772
Delta R.T. 0.02 min
Lab File: VL036632.D
Acq: 1 Apr 2021 14:51

Tgt Ion: 43 Resp: 30096

Ion	Ratio	Lower	Upper
43	100		
72	49.5	17.0	25.6#



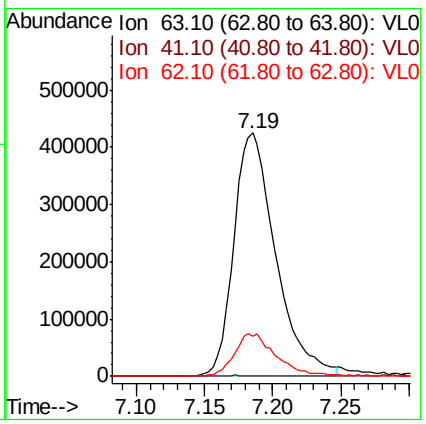


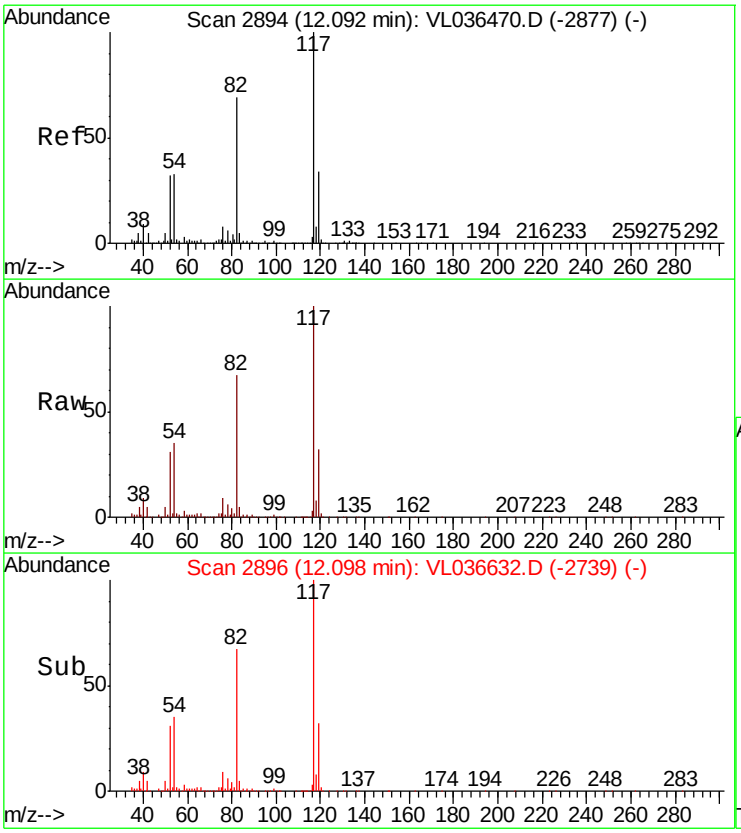
#39
1,2-Dichloropropane
Concen: 7.457 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. -0.43 min
Lab File: VL036632.D
Acq: 1 Apr 2021 14:51

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 907186

Ion	Ratio	Lower	Upper
63	100		
41	0.2	62.4	93.6#
62	16.7	52.8	79.2#

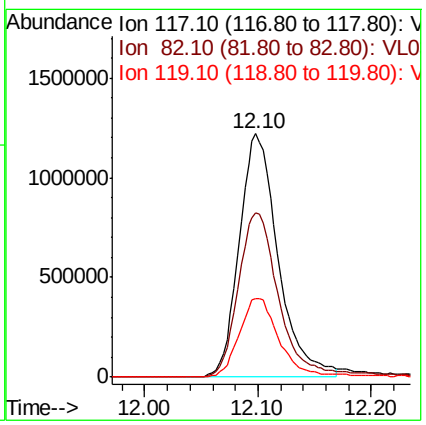


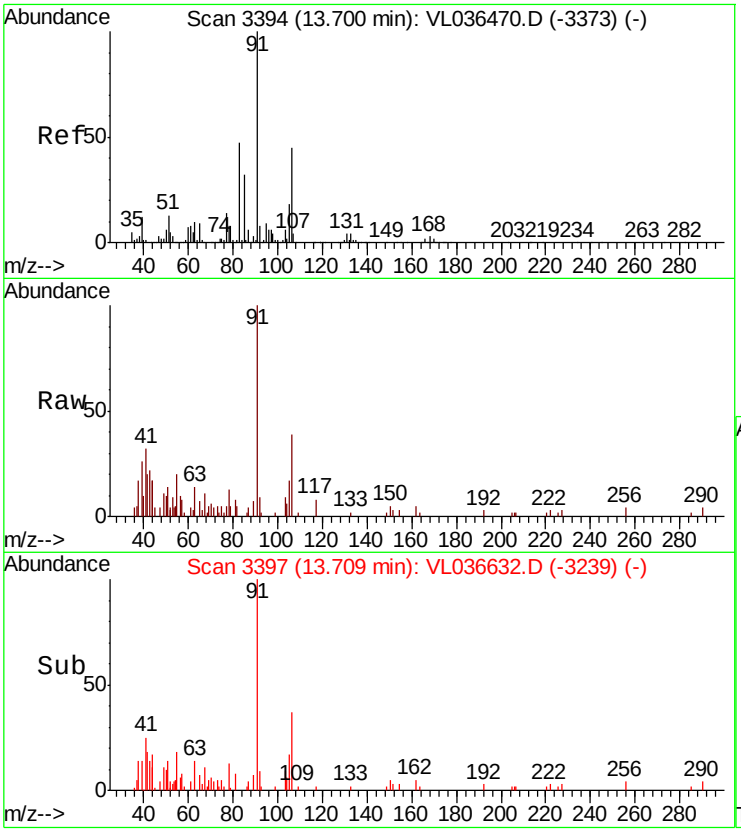


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2896
Delta R.T. 0.01 min
Lab File: VL036632.D
Acq: 1 Apr 2021 14:51

Tgt Ion:117 Resp: 2919837

Ion	Ratio	Lower	Upper
117	100		
82	72.8	57.4	86.0
119	34.2	47.4	71.0#



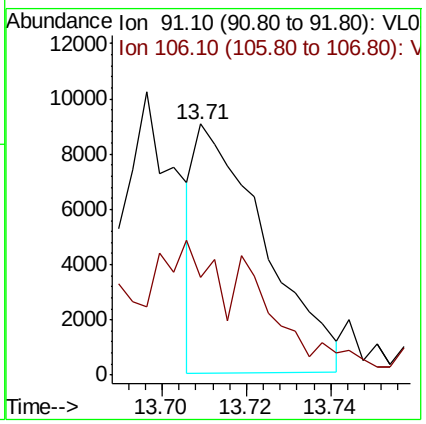


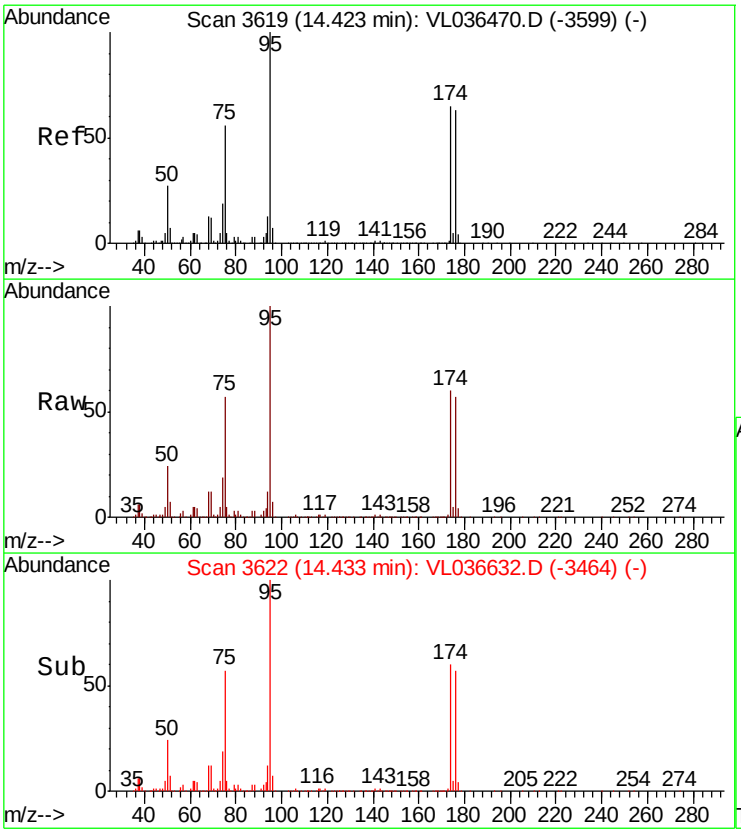
#60
o-Xylene
Concen: 0.029 ppbv
RT: 13.71 min Scan# 3397
Delta R.T. 0.01 min
Lab File: VL036632.D
Acq: 1 Apr 2021 14:51

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 10279

Ion	Ratio	Lower	Upper
91	100		
106	111.0	22.3	66.9#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.067 ppbv
RT: 14.43 min Scan# 3622
Delta R.T. 0.01 min
Lab File: VL036632.D
Acq: 1 Apr 2021 14:51

Tgt Ion: 95 Resp: 2342803

Ion	Ratio	Lower	Upper
95	100		
174	62.7	51.0	76.6
175	4.5	3.9	5.9