Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040521\
Data File : VL036686.D
Acq On : 5 Apr 2021 23:50
Operator : SY/AP
Sample : M1945-02DUP 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Apr 06 02:01:45 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	5.67	49	1270521	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3236582	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2997081	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2354619	9.86	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.05	85	10138	0.049	ppbv	98
3) Chlorodifluoromethane	2.96	51	26843	0.113	ppbv #	73
9) Propene	3.35	41	6011	0.079	ppbv	96
10) Heptane	8.12	43	9438	0.049	ppbv #	1
13) Ethanol	3.59	45	382	0.042	ppbv #	34
15) Acetone	3.85	43	150462	1.203	ppbv #	1
20) Methylene Chloride	4.35	84	24360	0.416	ppbv	94
25) Ethyl Acetate	5.69	43	211836	0.713	ppbv #	78
26) Hexane	5.69	57	289397	2.098	ppbv #	46
29) Chloroform	5.75	83	19909	0.090	ppbv	89
39) 1,2-Dichloropropane	7.17	63	834055	6.888	ppbv #	24
51) 2-Hexanone	10.11	43	31382	0.272	ppbv #	32
53) Toluene	9.81	91	66990	0.211	ppbv	95
59) m/p-Xylene	13.00	91	11487	0.030	ppbv #	32
63) 1,1,2,2-Tetrachloroethane	13.67	83	13343	0.048	ppbv #	24
74) 1,2,4-Trimethylbenzene	16.77	105	22593	0.056	ppbv #	73

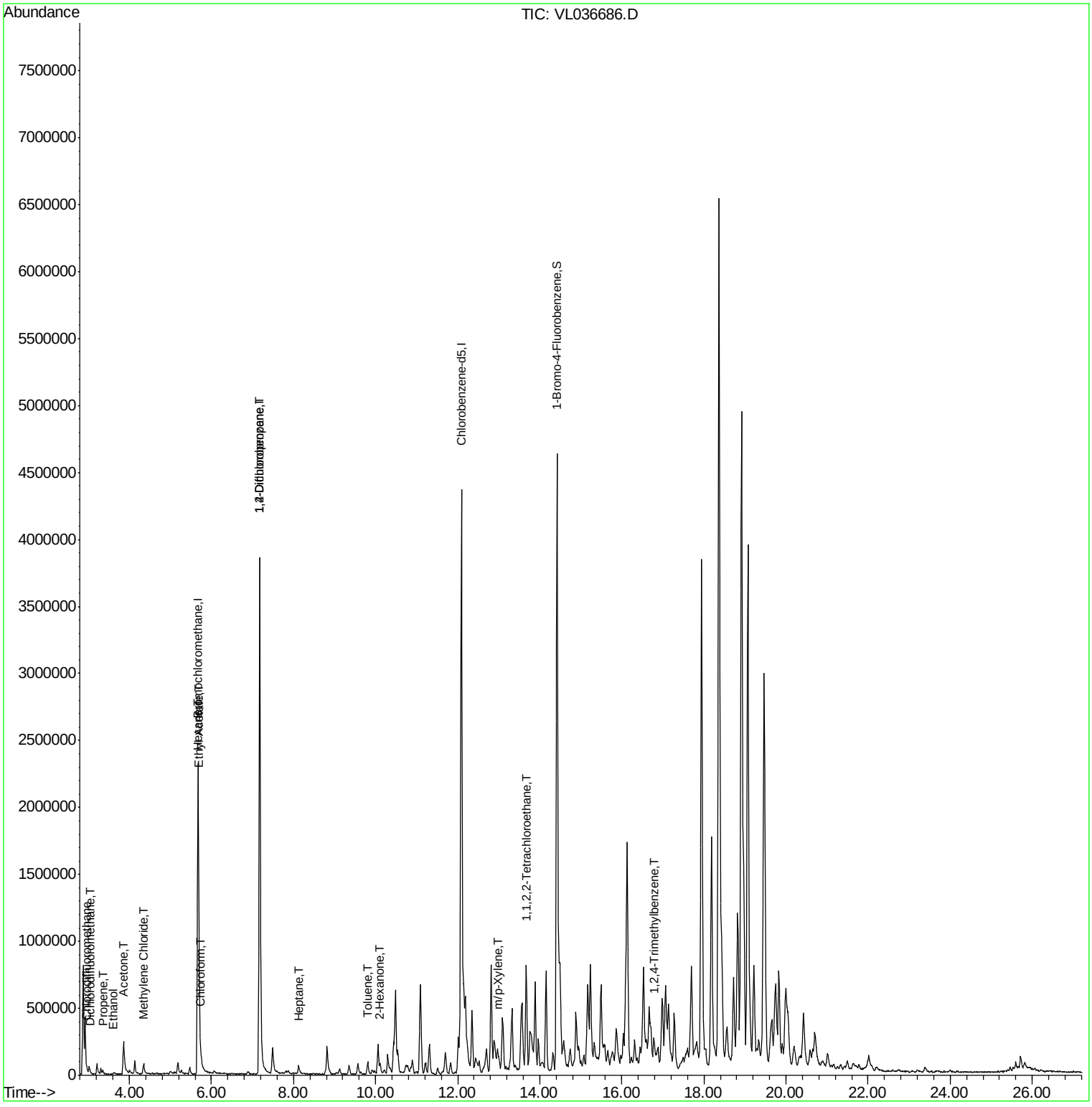
(#) = qualifier out of range (m) = manual integration (+) = signals summed

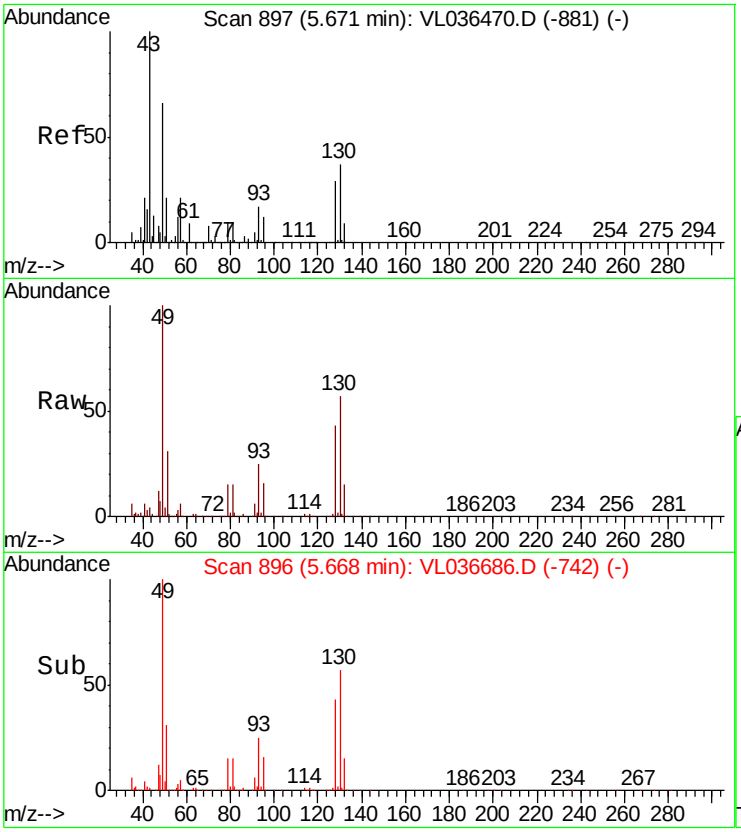
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040521\
Data File : VL036686.D
Acq On : 5 Apr 2021 23:50
Operator : SY/AP
Sample : M1945-02DUP 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Apr 06 02:01:45 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



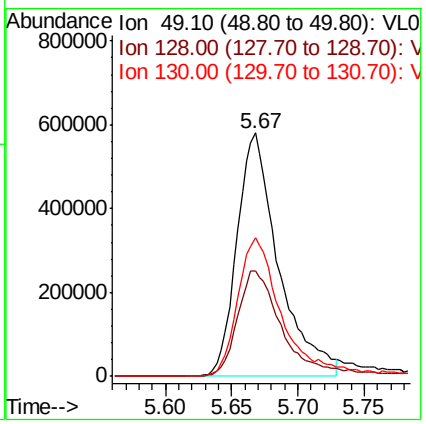


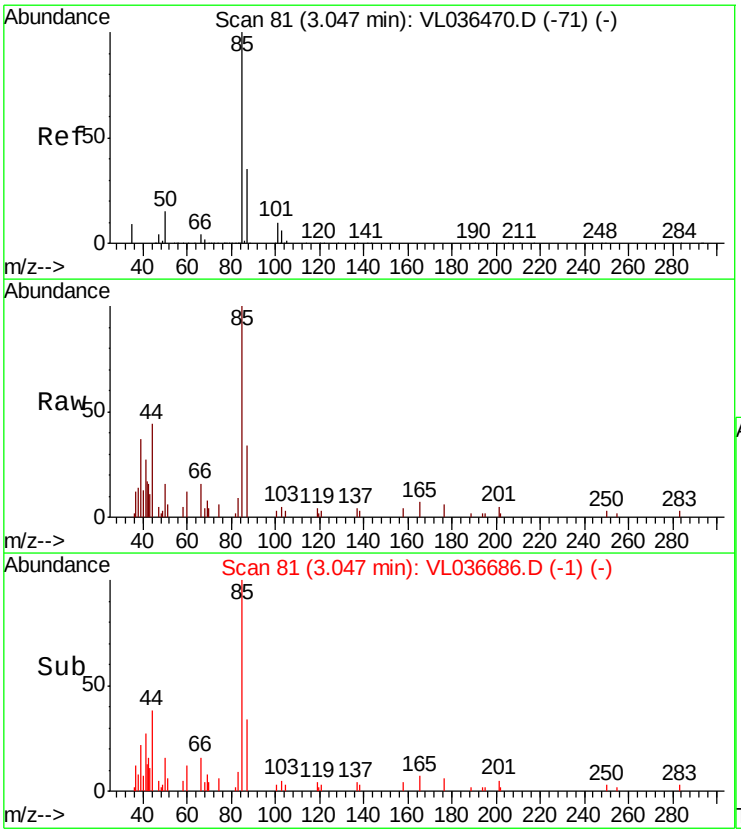
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.00 min
Lab File: VL036686.D
Acq: 5 Apr 2021 23:50

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1270521

Ion	Ratio	Lower	Upper
49	100		
128	48.3	23.5	70.6
130	61.6	29.1	87.4

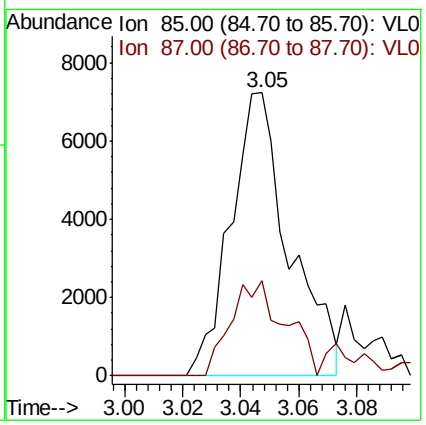


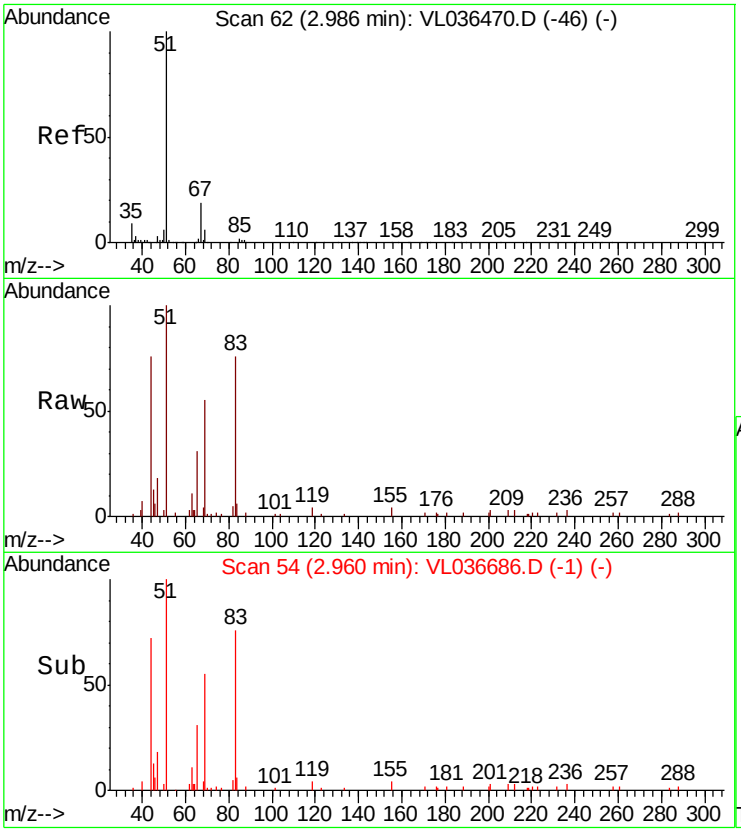


#2
Dichlorodifluoromethane
Concen: 0.049 ppbv
RT: 3.05 min Scan# 81
Delta R.T. -0.00 min
Lab File: VL036686.D
Acq: 5 Apr 2021 23:50

Tgt Ion: 85 Resp: 10138

Ion	Ratio	Lower	Upper
85	100		
87	33.5	27.8	41.8



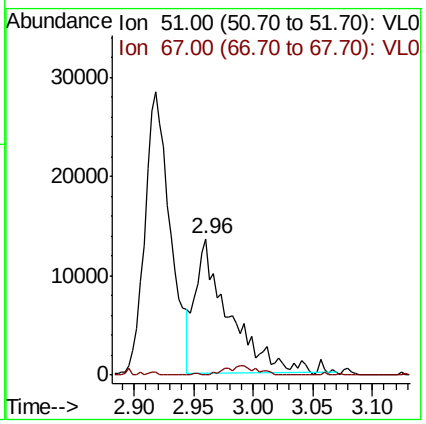


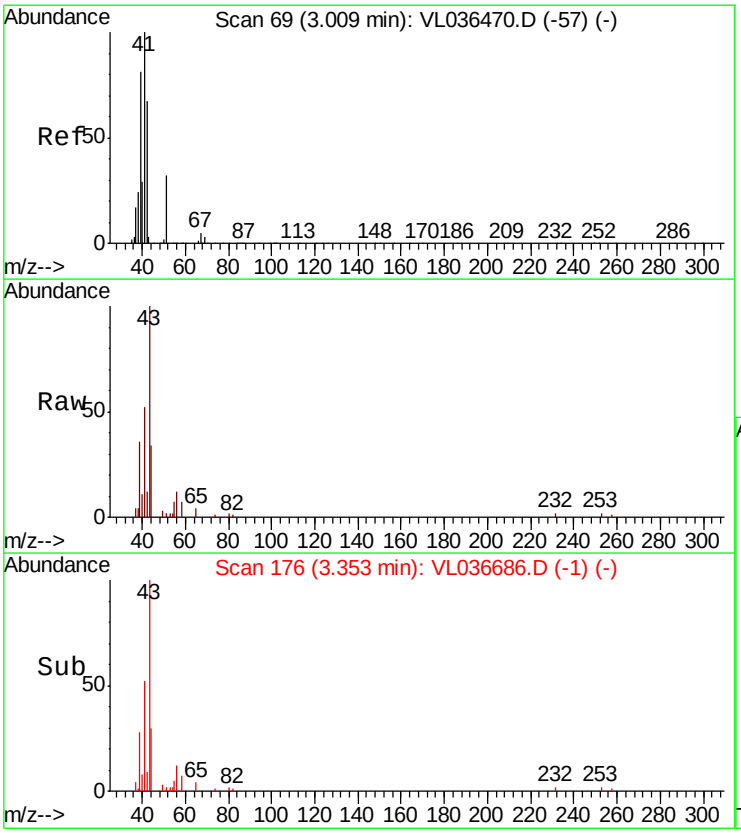
#3
Chlorodifluoromethane
Concen: 0.113 ppbv
RT: 2.96 min Scan# 54
Delta R.T. -0.03 min
Lab File: VL036686.D
Acq: 5 Apr 2021 23:50

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 26843

Ion	Ratio	Lower	Upper
51	100		
67	6.4	14.7	22.1#

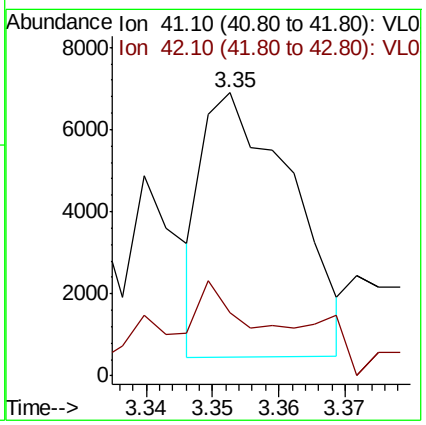


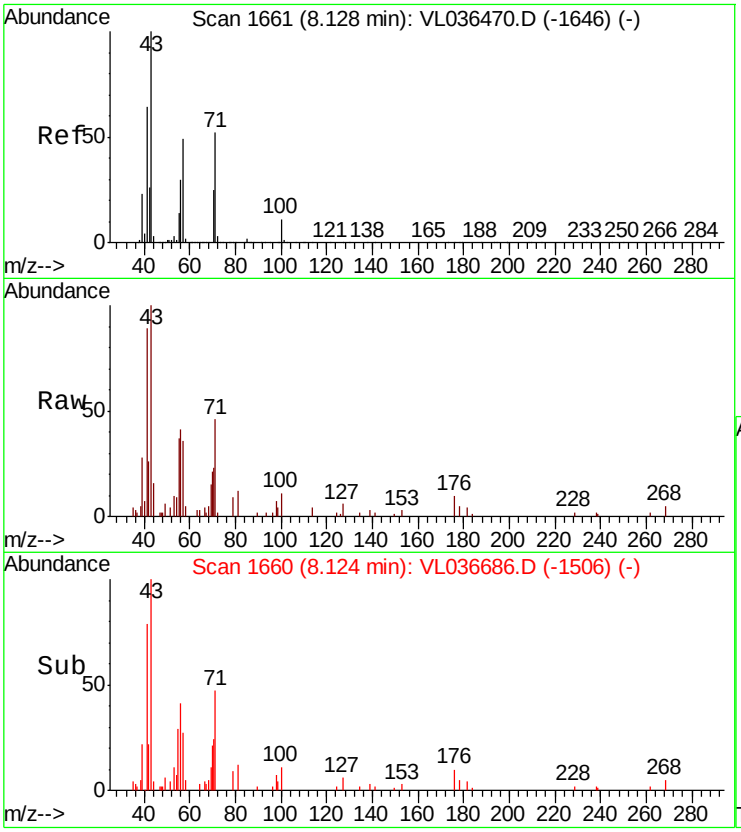


#9
Propene
Concen: 0.079 ppbv
RT: 3.35 min Scan# 176
Delta R.T. 0.34 min
Lab File: VL036686.D
Acq: 5 Apr 2021 23:50

Tgt Ion: 41 Resp: 6011

Ion	Ratio	Lower	Upper
41	100		
42	67.8	57.0	85.4



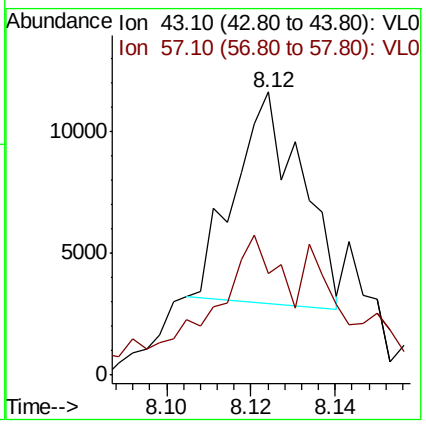


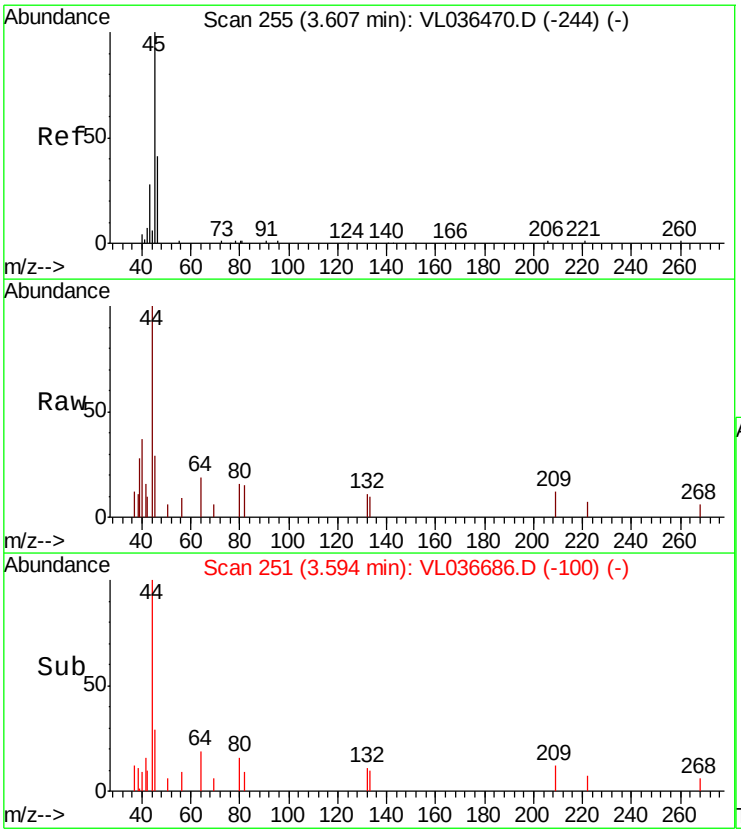
#10
Heptane
Concen: 0.049 ppbv
RT: 8.12 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VL036686.D
Acq: 5 Apr 2021 23:50

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 9438

Ion	Ratio	Lower	Upper
43	100		
57	139.0	39.0	58.6#

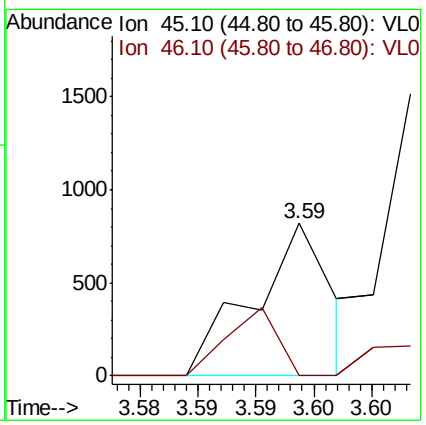


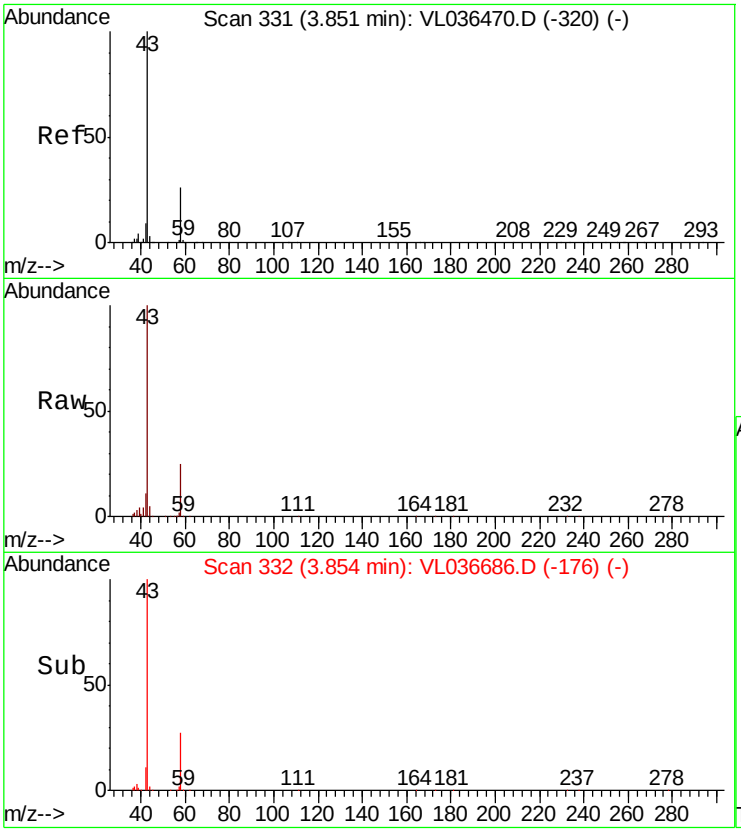


#13
Ethanol
Concen: 0.042 ppbv
RT: 3.59 min Scan# 251
Delta R.T. -0.01 min
Lab File: VL036686.D
Acq: 5 Apr 2021 23:50

Tgt Ion: 45 Resp: 382

Ion	Ratio	Lower	Upper
45	100		
46	0.0	16.6	66.2#



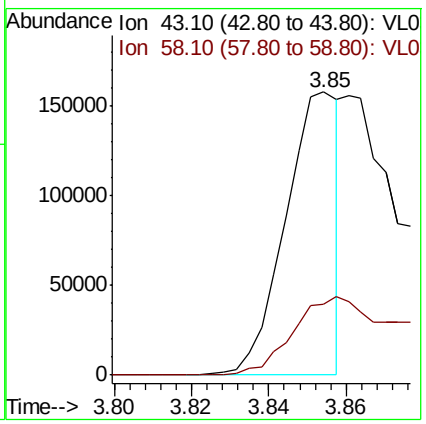


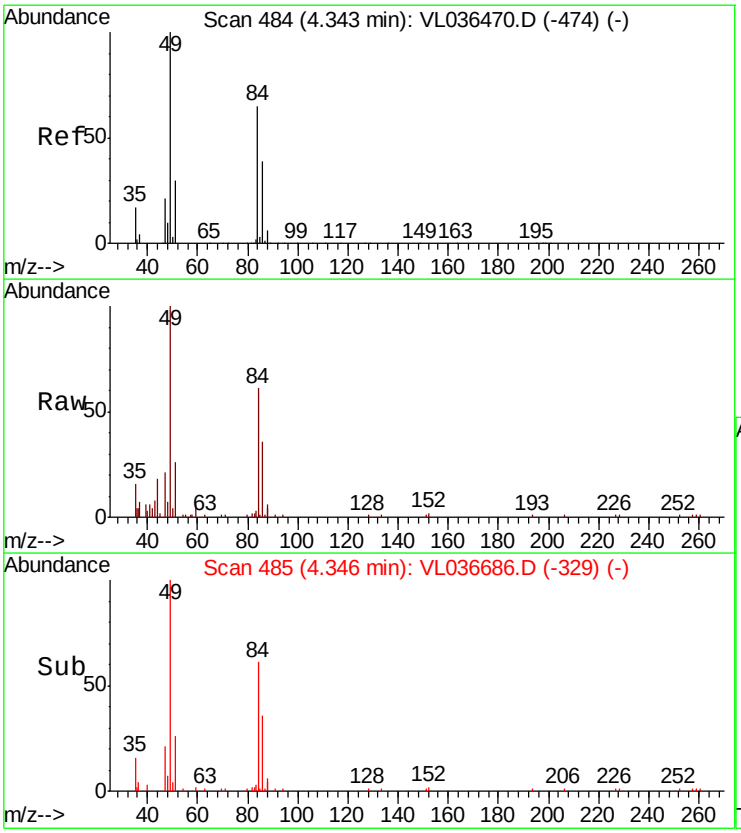
#15
Acetone
Concen: 1.203 ppbv
RT: 3.85 min Scan# 332
Delta R.T. 0.00 min
Lab File: VL036686.D
Acq: 5 Apr 2021 23:50

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 150462

Ion	Ratio	Lower	Upper
43	100		
58	79.8	21.2	31.8#

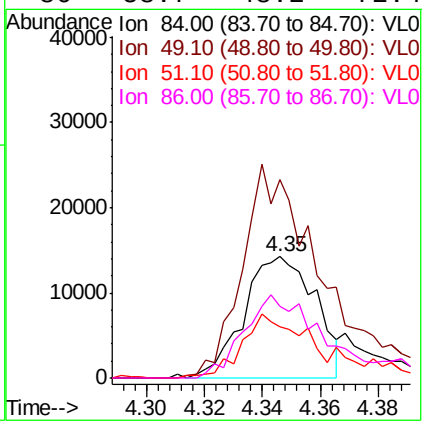


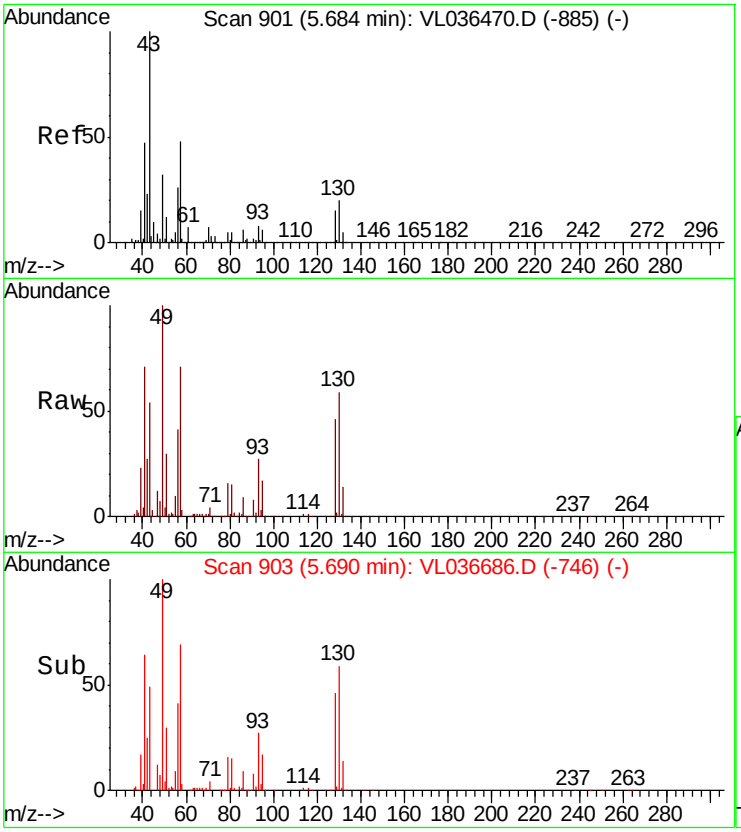


#20
Methylene Chloride
Concen: 0.416 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.00 min
Lab File: VL036686.D
Acq: 5 Apr 2021 23:50

Tgt Ion: 84 Resp: 24360

Ion	Ratio	Lower	Upper
84	100		
49	162.0	122.9	184.3
51	40.4	36.9	55.3
86	58.7	48.2	72.4



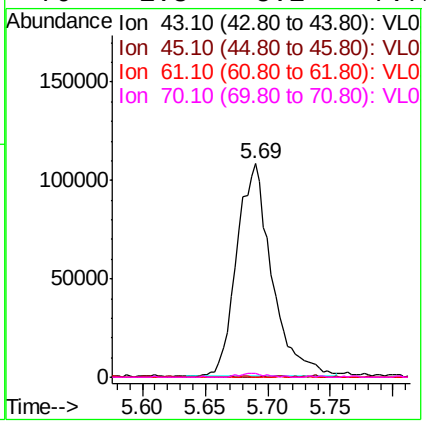


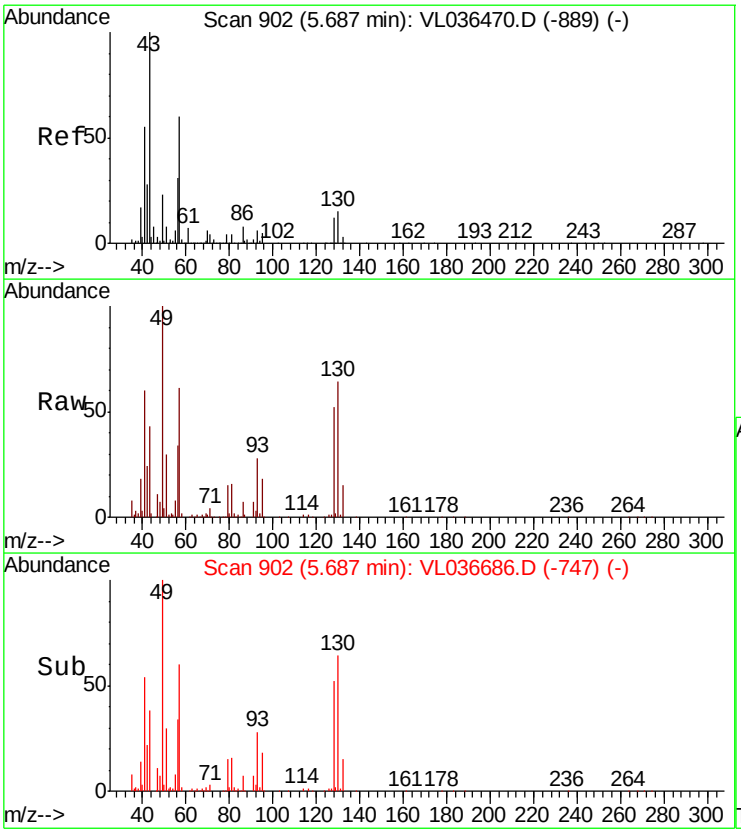
#25
Ethyl Acetate
Concen: 0.713 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.01 min
Lab File: VL036686.D
Acq: 5 Apr 2021 23:50

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 211836

Ion	Ratio	Lower	Upper
43	100		
45	0.2	7.9	11.9#
61	0.3	7.4	11.2#
70	1.8	5.1	7.7#

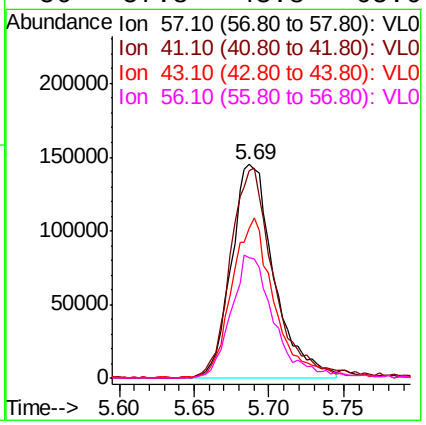


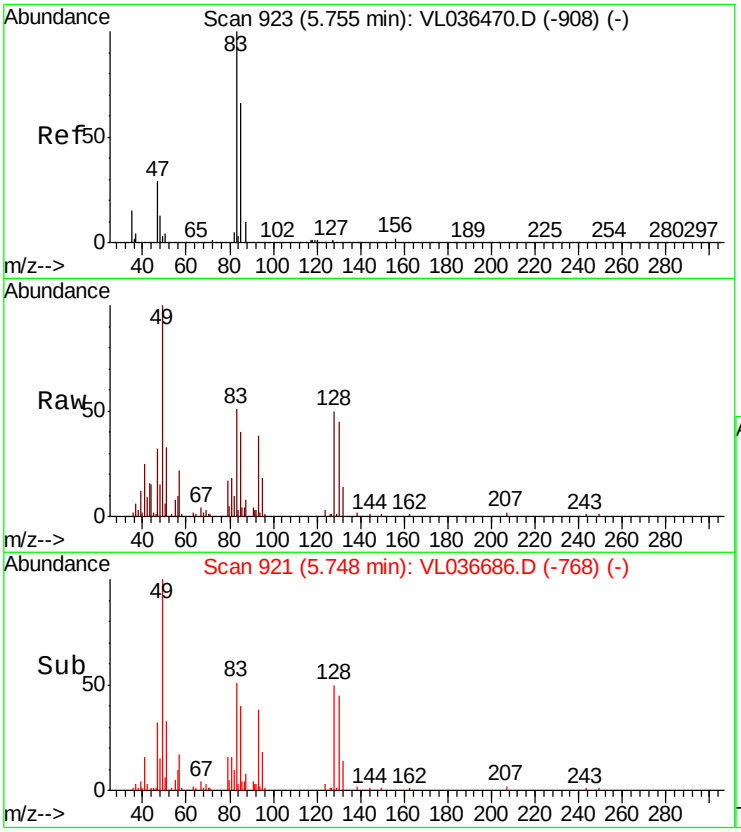


#26
Hexane
Concen: 2.098 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.00 min
Lab File: VL036686.D
Acq: 5 Apr 2021 23:50

Tgt Ion: 57 Resp: 289397

Ion	Ratio	Lower	Upper
57	100		
41	100.9	77.2	115.8
43	75.3	173.8	260.6#
56	57.8	43.8	65.6



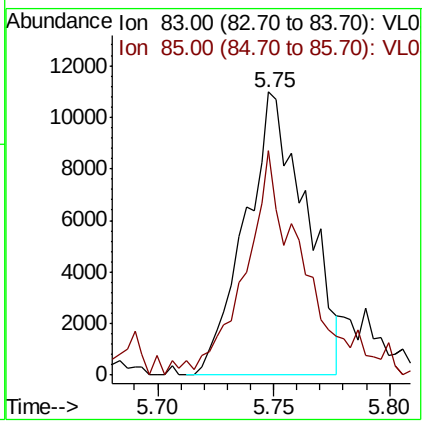


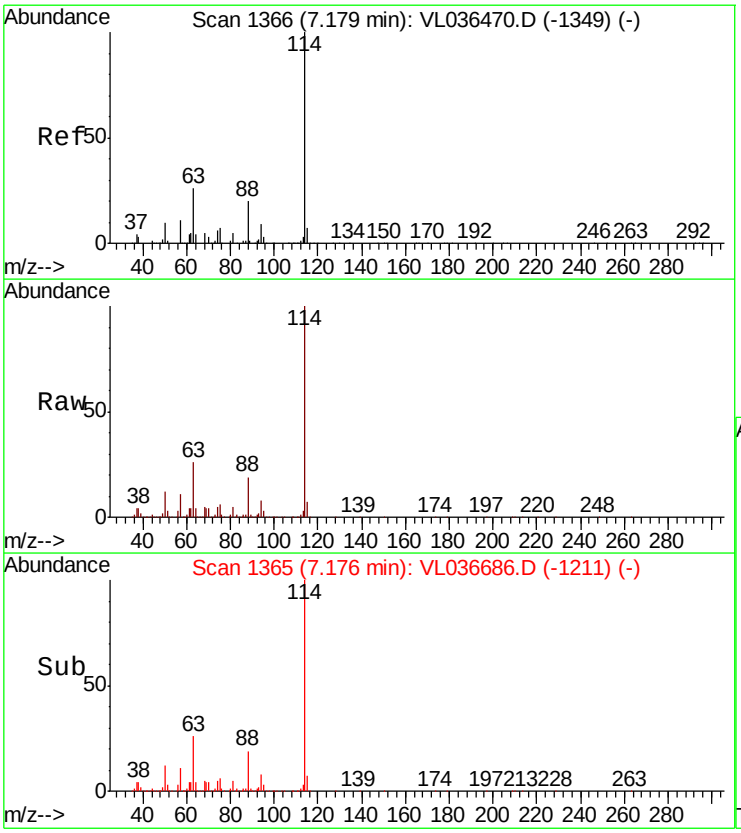
#29
Chloroform
Concen: 0.090 ppbv
RT: 5.75 min Scan# 921
Delta R.T. -0.01 min
Lab File: VL036686.D
Acq: 5 Apr 2021 23:50

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 19909

Ion	Ratio	Lower	Upper
83	100		
85	74.1	52.6	78.8

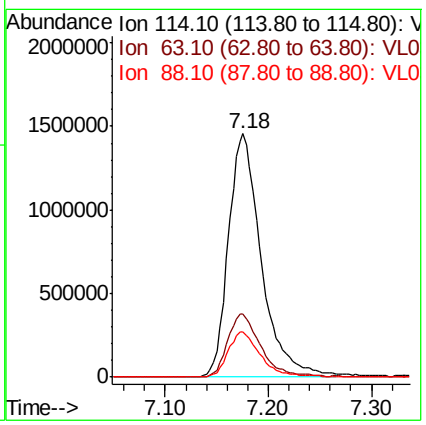


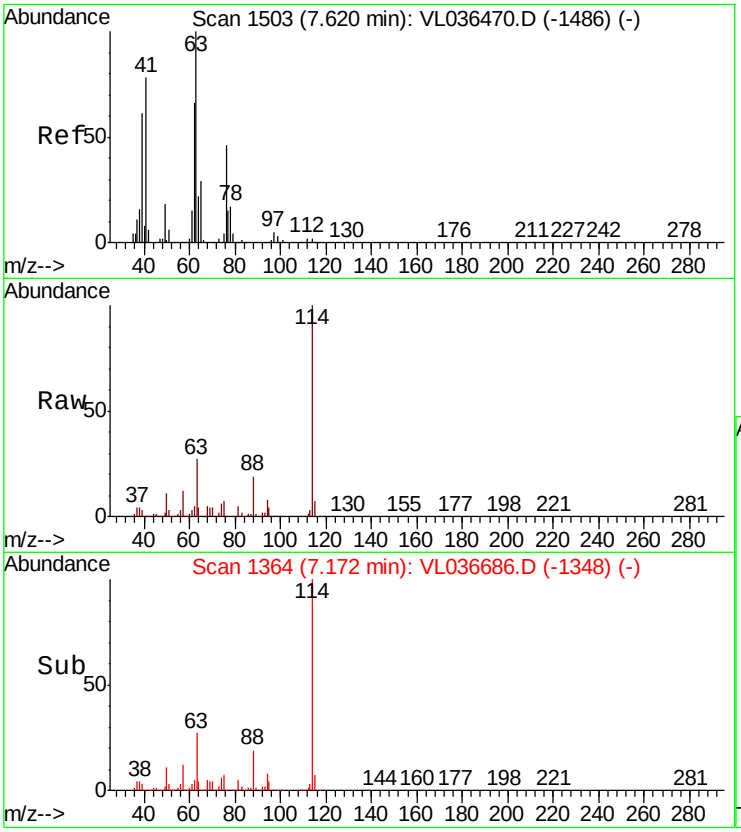


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VL036686.D
Acq: 5 Apr 2021 23:50

Tgt Ion:114 Resp: 3236582

Ion	Ratio	Lower	Upper
114	100		
63	26.8	22.4	33.6
88	18.5	15.4	23.0



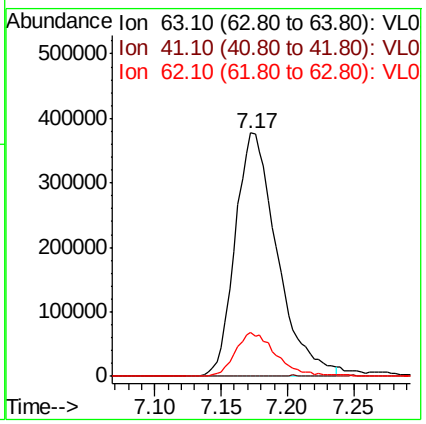


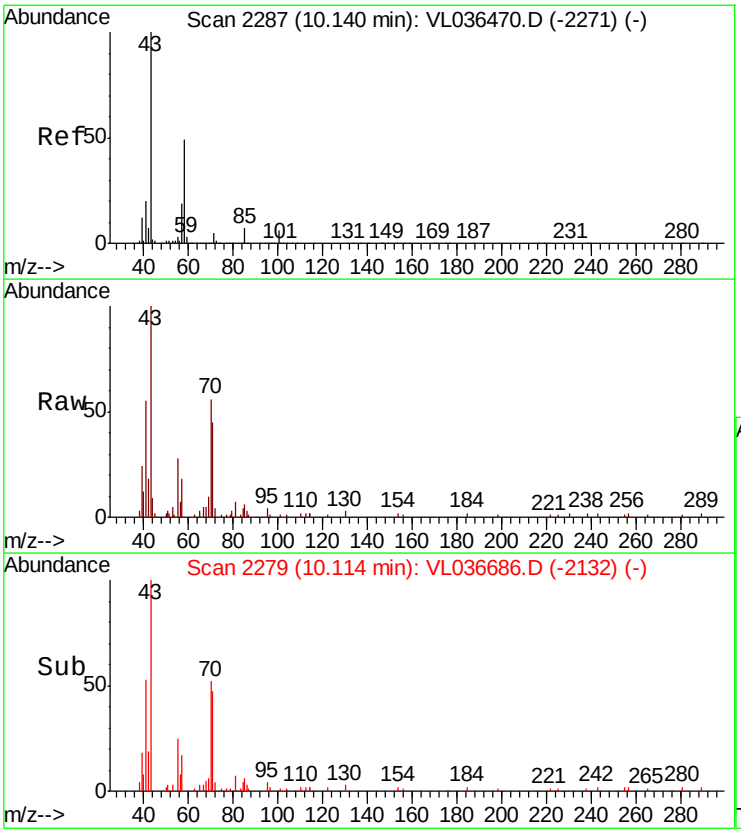
#39
1,2-Dichloropropane
Concen: 6.888 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.45 min
Lab File: VL036686.D
Acq: 5 Apr 2021 23:50

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 834055

Ion	Ratio	Lower	Upper
63	100		
41	0.0	62.4	93.6#
62	18.2	52.8	79.2#

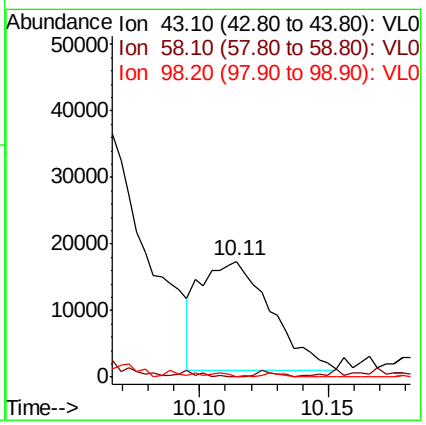


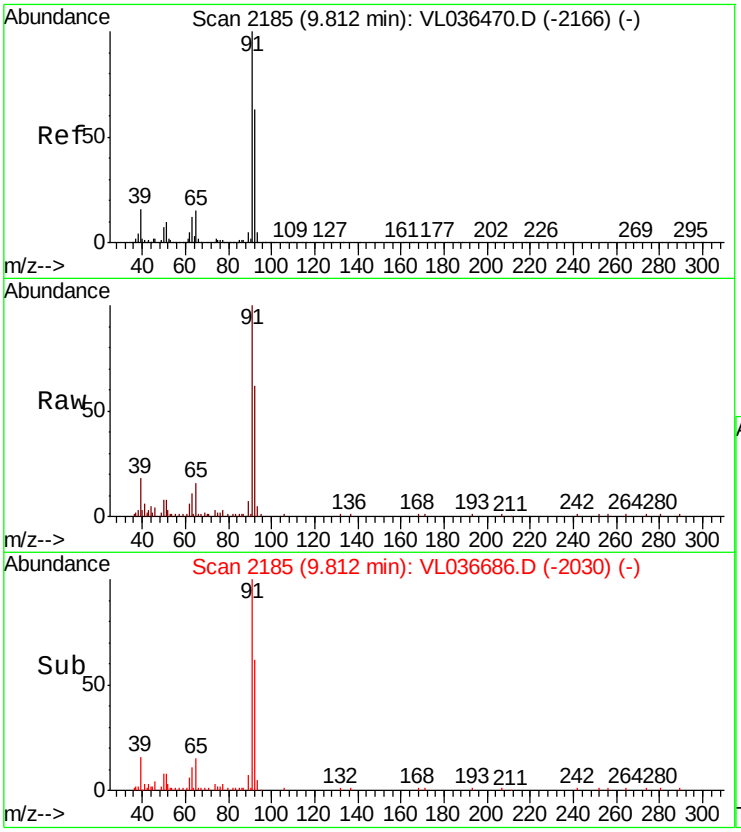


#51
2-Hexanone
Concen: 0.272 ppbv
RT: 10.11 min Scan# 2279
Delta R.T. -0.03 min
Lab File: VL036686.D
Acq: 5 Apr 2021 23:50

Tgt Ion: 43 Resp: 31382

Ion	Ratio	Lower	Upper
43	100		
58	1.6	37.7	56.5#
98	0.0	0.2	0.2#



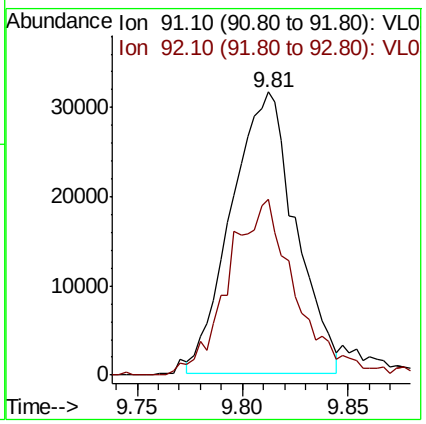


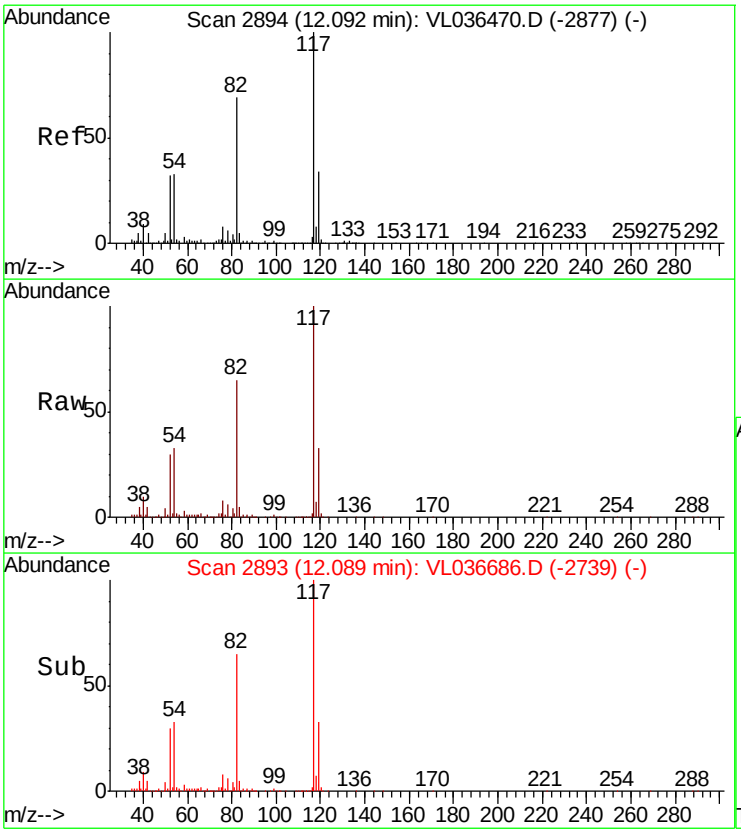
#53
Toluene
Concen: 0.211 ppbv
RT: 9.81 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VL036686.D
Acq: 5 Apr 2021 23:50

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 66990

Ion	Ratio	Lower	Upper
91	100		
92	64.7	48.8	73.2

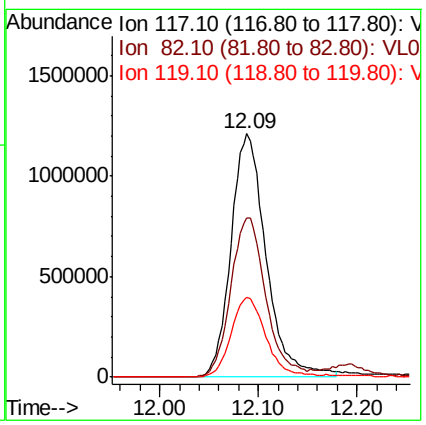


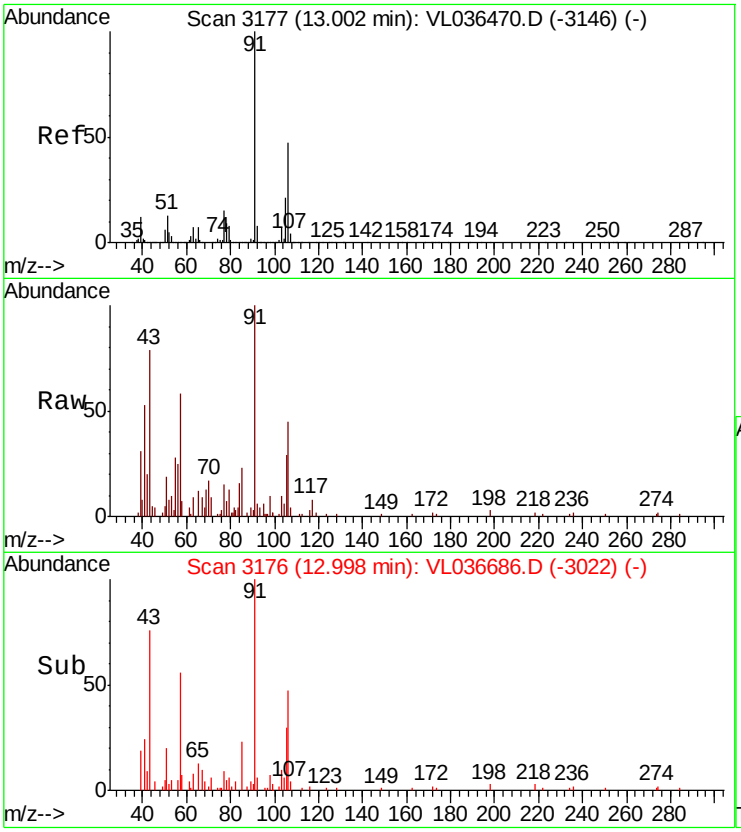


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.00 min
Lab File: VL036686.D
Acq: 5 Apr 2021 23:50

Tgt Ion:117 Resp: 2997081

Ion	Ratio	Lower	Upper
117	100		
82	65.9	57.4	86.0
119	33.8	47.4	71.0#



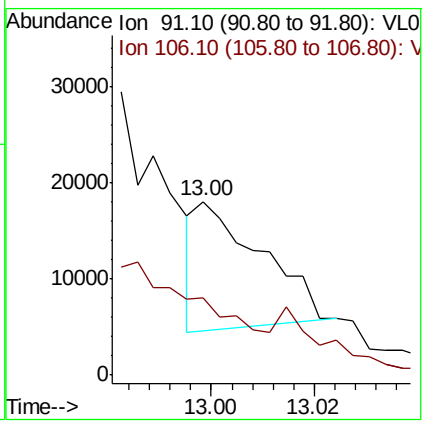


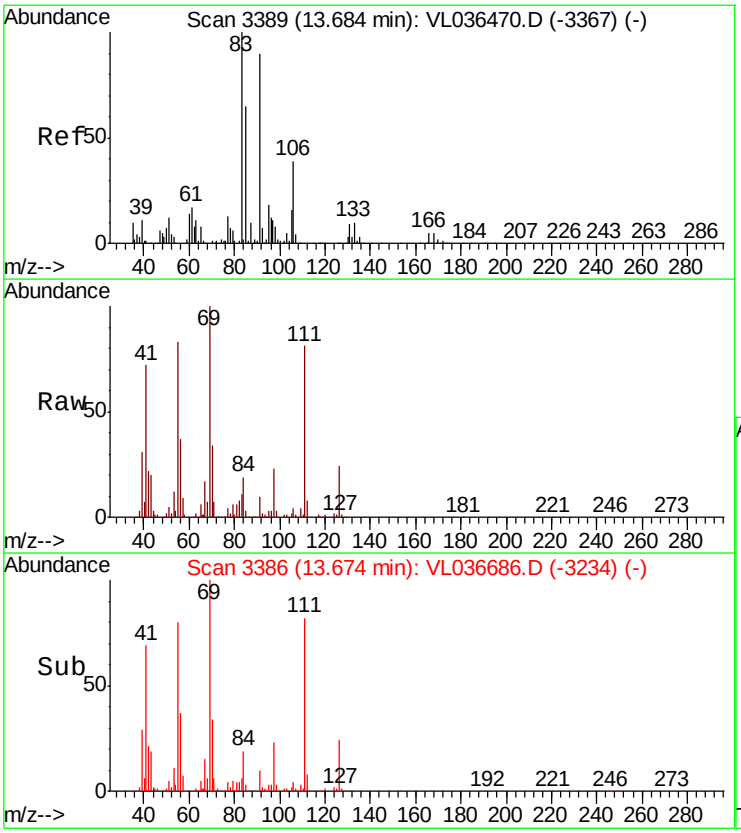
#59
m/p-Xylene
Concen: 0.030 ppbv
RT: 13.00 min Scan# 3176
Delta R.T. -0.00 min
Lab File: VL036686.D
Acq: 5 Apr 2021 23:50

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 11487

Ion	Ratio	Lower	Upper
91	100		
106	0.0	35.3	52.9#

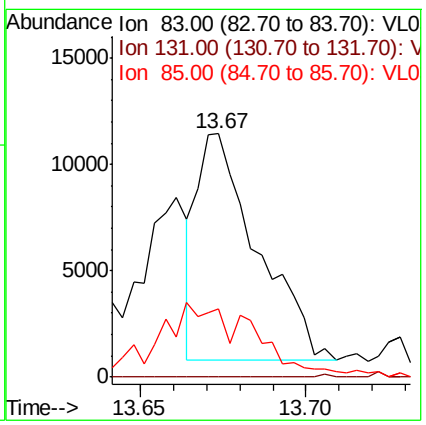


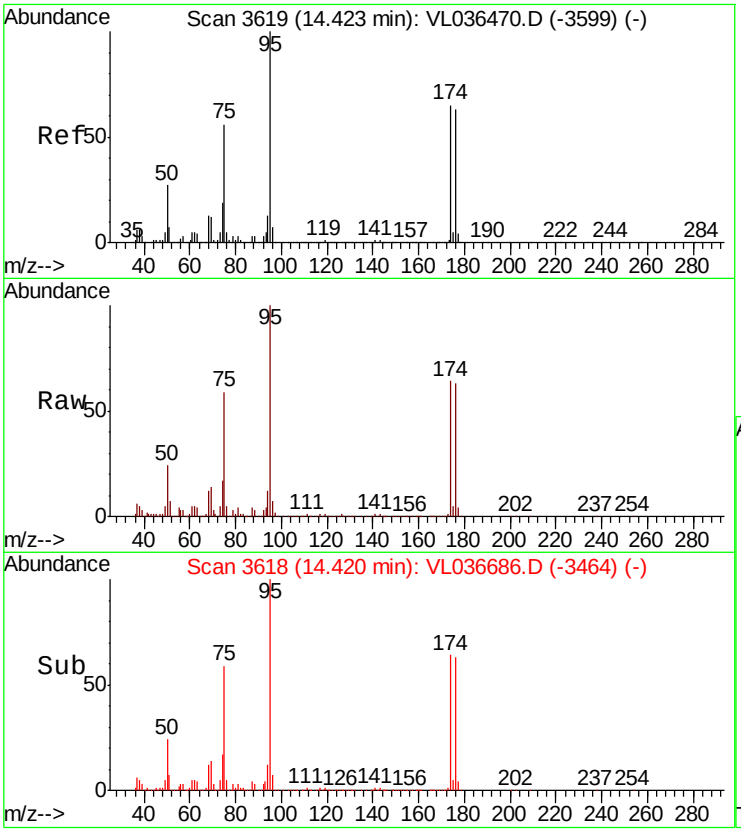


#63
1,1,2,2-Tetrachloroethane
Concen: 0.048 ppbv
RT: 13.67 min Scan# 3386
Delta R.T. -0.01 min
Lab File: VL036686.D
Acq: 5 Apr 2021 23:50

Tgt Ion: 83 Resp: 13343

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.7	14.0#
85	0.0	33.1	99.3#



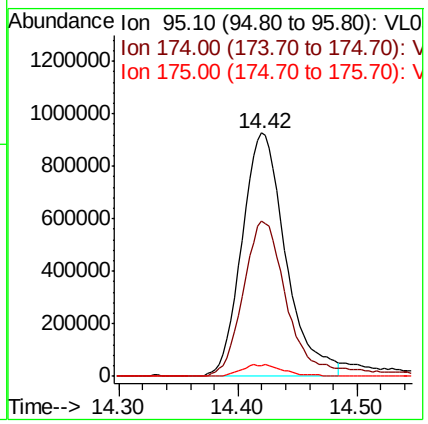


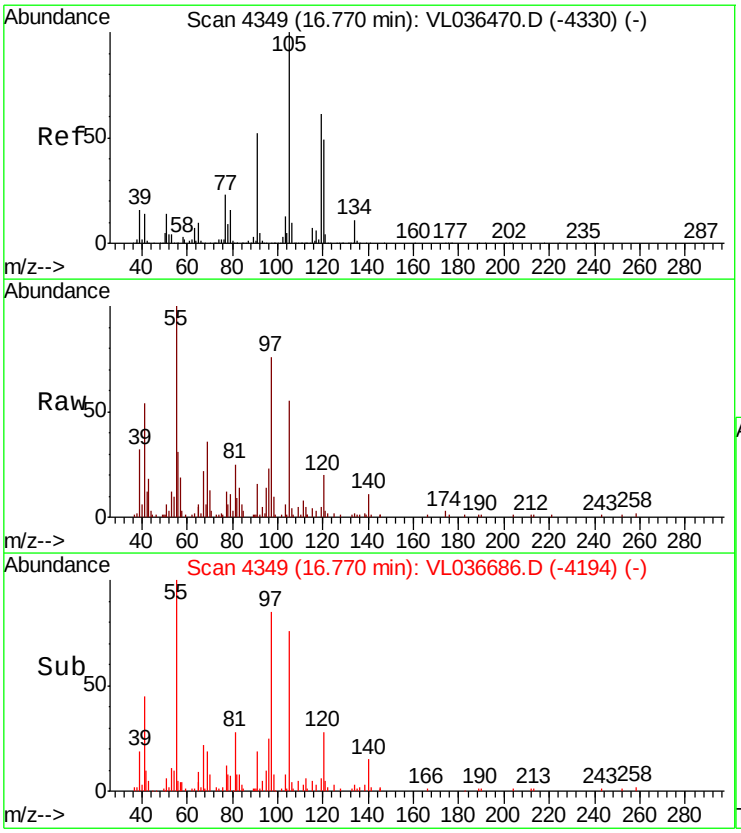
#68
1-Bromo-4-Fluorobenzene
Concen: 9.857 ppbv
RT: 14.42 min Scan# 3618
Delta R.T. -0.00 min
Lab File: VL036686.D
Acq: 5 Apr 2021 23:50

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2354619

Ion	Ratio	Lower	Upper
95	100		
174	67.8	51.0	76.6
175	5.0	3.9	5.9





#74
1,2,4-Trimethylbenzene
Concen: 0.056 ppbv
RT: 16.77 min Scan# 4349
Delta R.T. -0.00 min
Lab File: VL036686.D
Acq: 5 Apr 2021 23:50

Tgt Ion:105 Resp: 22593

Ion	Ratio	Lower	Upper
105	100		
120	33.2	39.2	58.8#
91	26.9	42.6	64.0#
77	17.7	18.6	28.0#