Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL033121\
Data File : VL036608.D
Acq On : 31 Mar 2021 19:08
Operator : SY/AP
Sample : M1808-01DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Apr 01 04:28:56 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	1704509	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3799341	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3350793	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	2631897	9.86	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.04	85	7218	0.026	ppbv #	86
3) Chlorodifluoromethane	2.99	51	8829	0.028	ppbv #	87
4) Chloromethane	3.14	50	2436	0.022	ppbv	93
9) Propene	3.02	41	14054	0.138	ppbv	98
13) Ethanol	3.63	45	70546	5.835	ppbv #	53
15) Acetone	3.86	43	146246	0.872	ppbv #	76
20) Methylene Chloride	4.35	84	380167	4.840	ppbv	99
25) Ethyl Acetate	5.69	43	271332	0.680	ppbv #	78
26) Hexane	5.69	57	359356	1.942	ppbv #	46
39) 1,2-Dichloropropane	7.18	63	1042005	7.331	ppbv #	24
41) Tetrahydrofuran	5.75	42	1831	0.021	ppbv #	51
53) Toluene	9.82	91	8456	0.023	ppbv #	39

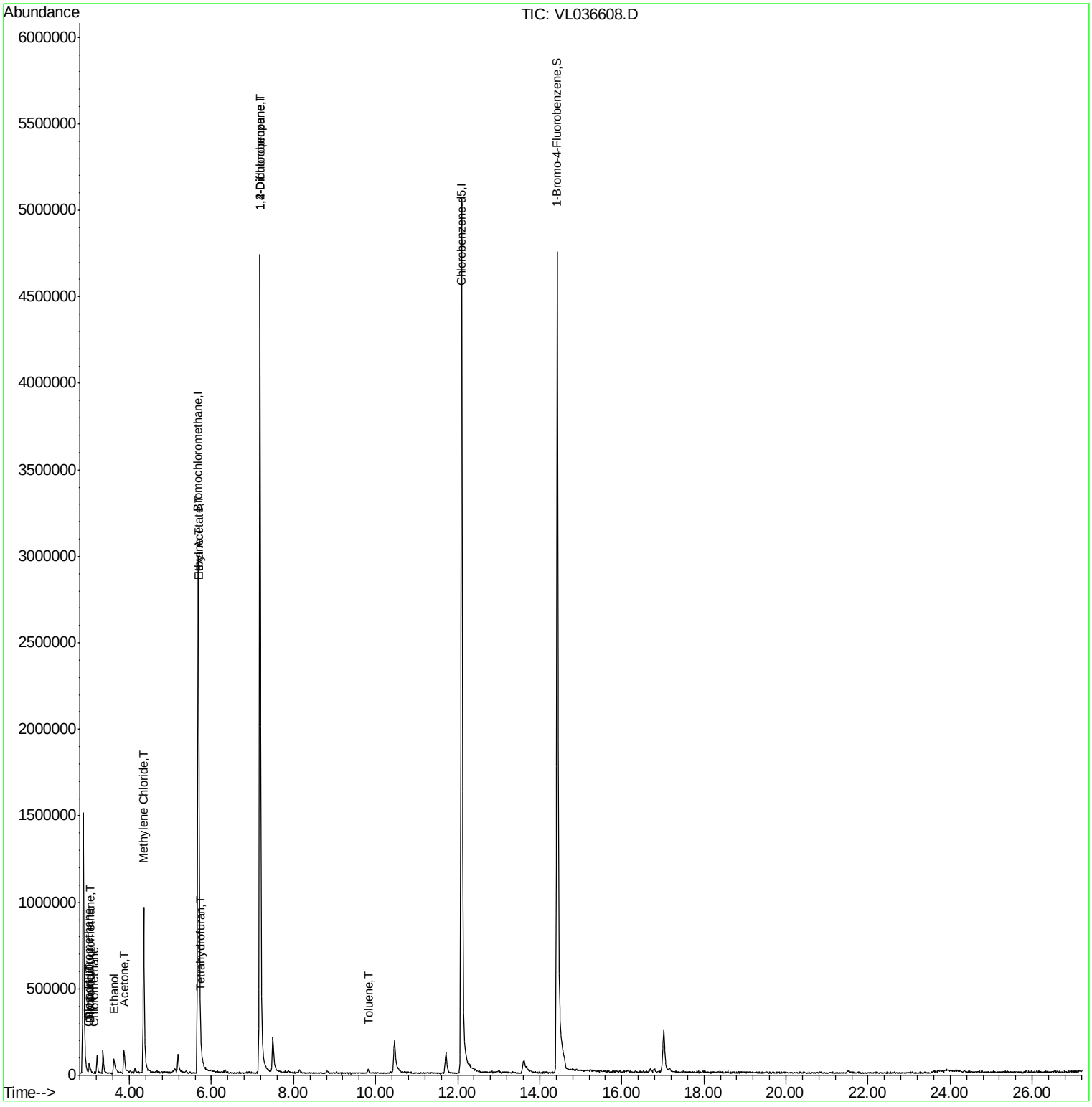
(#) = qualifier out of range (m) = manual integration (+) = signals summed

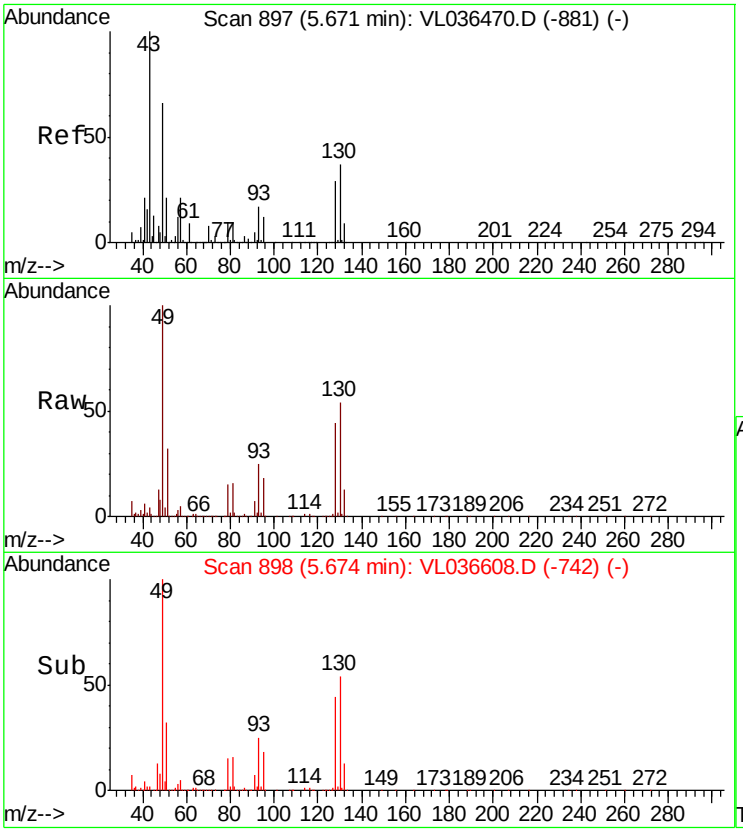
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL033121\
Data File : VL036608.D
Acq On : 31 Mar 2021 19:08
Operator : SY/AP
Sample : M1808-01DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Apr 01 04:28:56 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



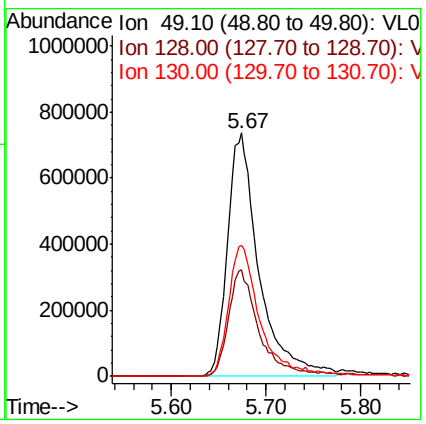


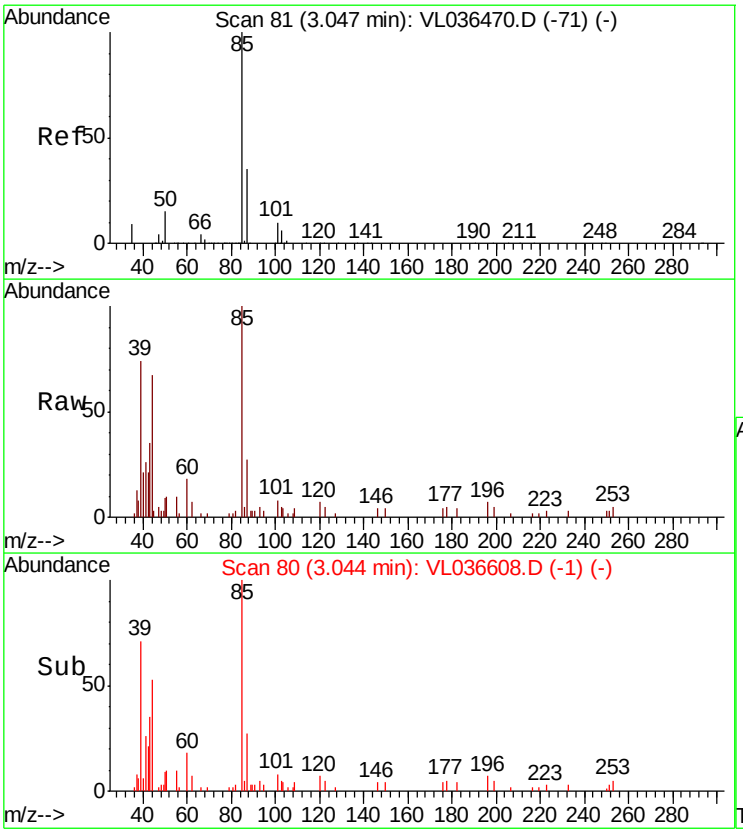
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.00 min
Lab File: VL036608.D
Acq: 31 Mar 2021 19:08

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1704509

Ion	Ratio	Lower	Upper
49	100		
128	44.3	23.5	70.6
130	54.6	29.1	87.4

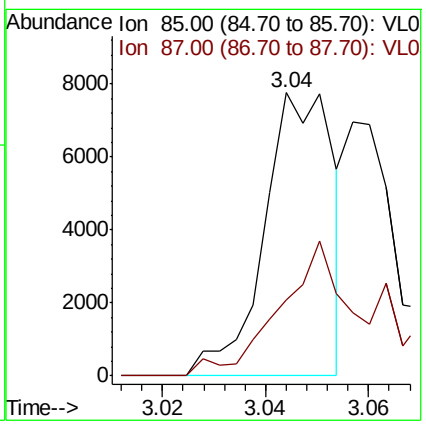


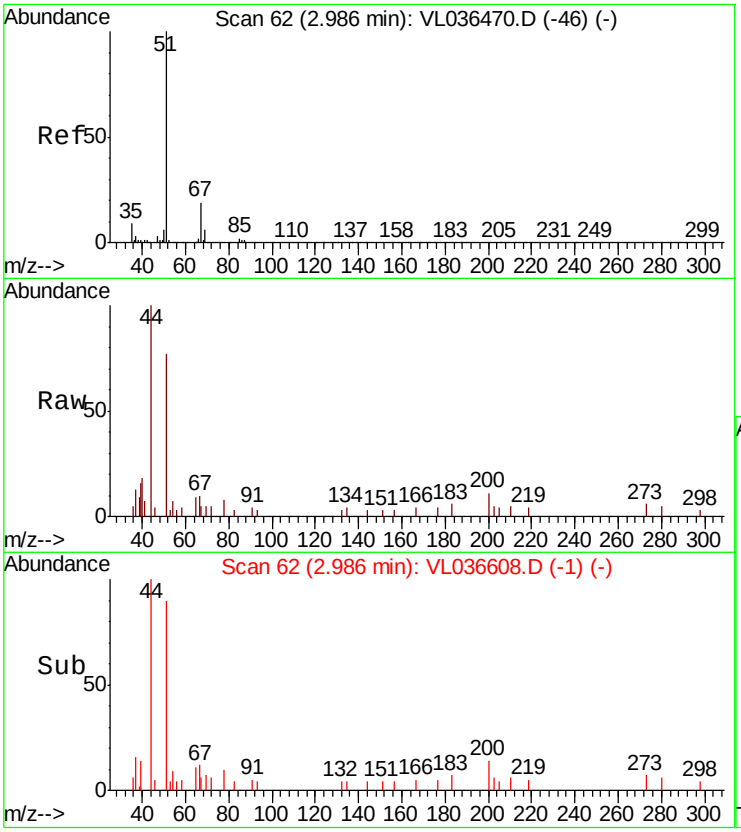


#2
Dichlorodifluoromethane
Concen: 0.026 ppbv
RT: 3.04 min Scan# 80
Delta R.T. -0.00 min
Lab File: VL036608.D
Acq: 31 Mar 2021 19:08

Tgt Ion: 85 Resp: 7218

Ion	Ratio	Lower	Upper
85	100		
87	27.0	27.8	41.8#



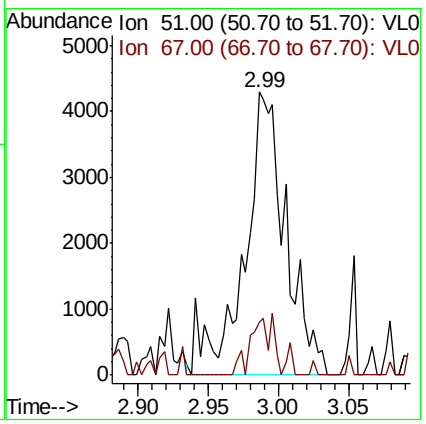


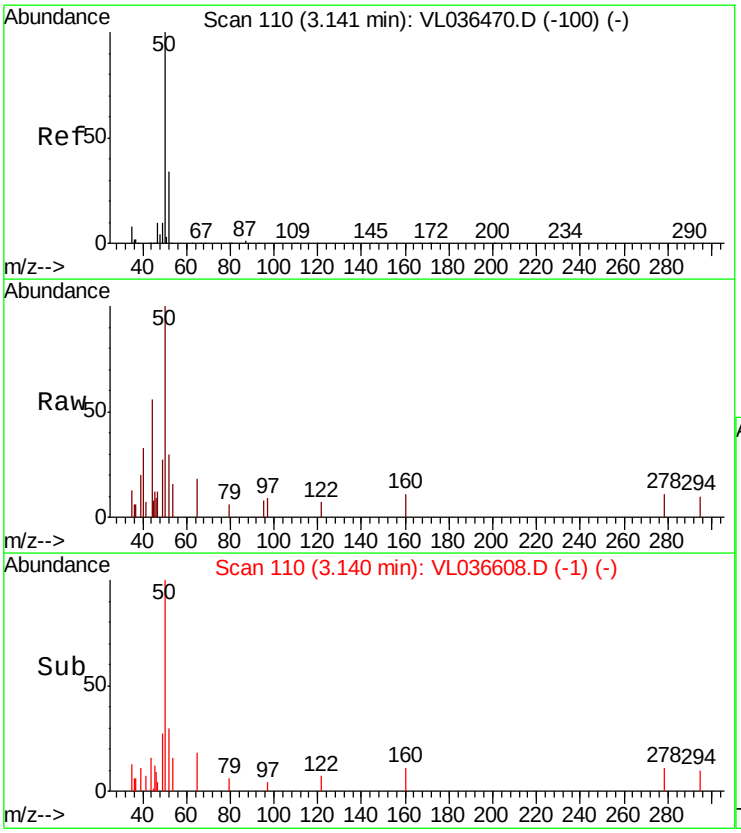
#3
Chlorodifluoromethane
Concen: 0.028 ppbv
RT: 2.99 min Scan# 62
Delta R.T. -0.00 min
Lab File: VL036608.D
Acq: 31 Mar 2021 19:08

Tgt Ion: 51 Resp: 8829

Ion	Ratio	Lower	Upper
51	100		
67	12.8	14.7	22.1#

Instrument :
MSVOA_L
ClientSampleId :

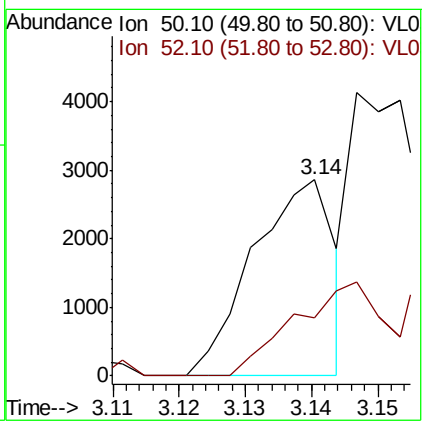


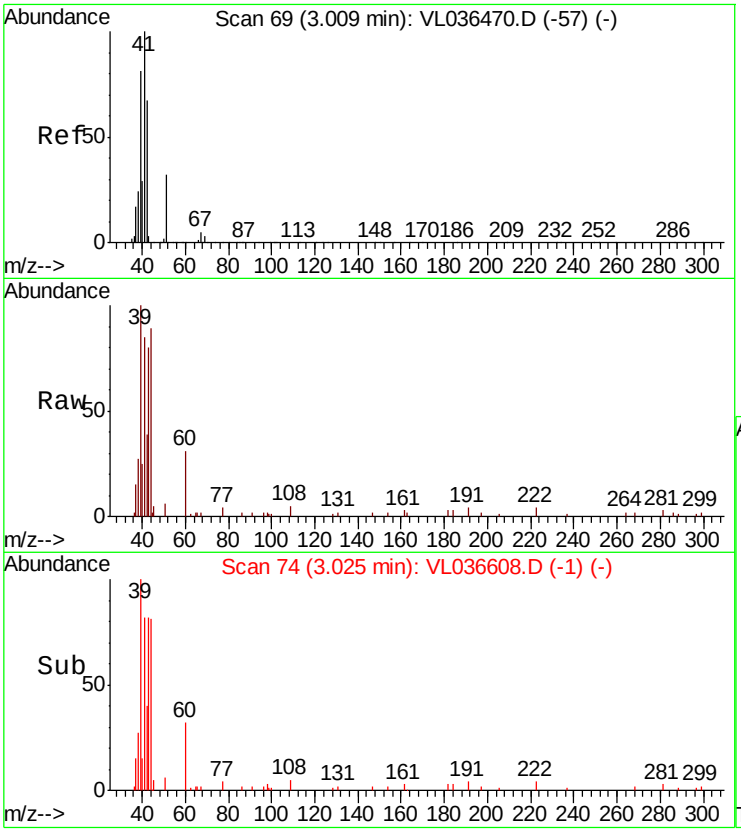


#4
Chloromethane
Concen: 0.022 ppbv
RT: 3.14 min Scan# 110
Delta R.T. -0.00 min
Lab File: VL036608.D
Acq: 31 Mar 2021 19:08

Tgt Ion: 50 Resp: 2436

Ion	Ratio	Lower	Upper
50	100		
52	29.9	27.0	40.6



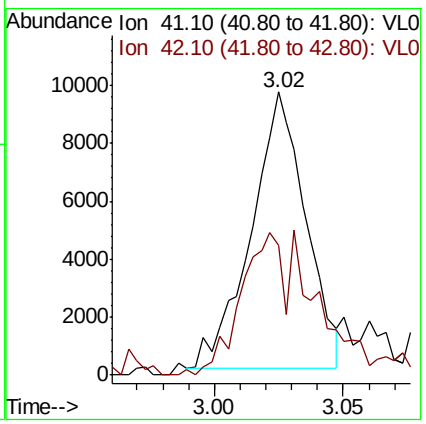


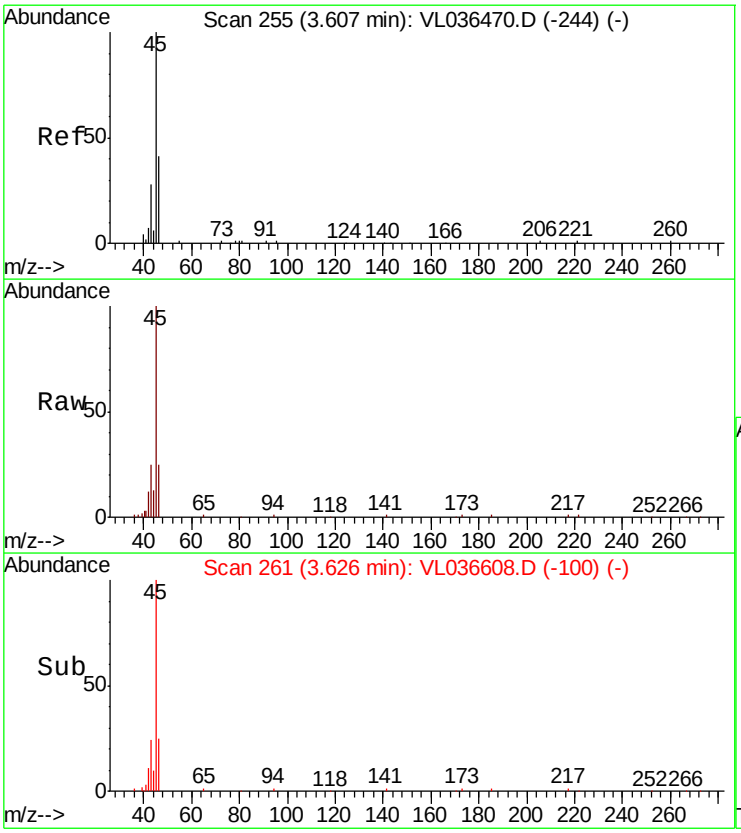
#9
Propene
Concen: 0.138 ppbv
RT: 3.02 min Scan# 74
Delta R.T. 0.02 min
Lab File: VL036608.D
Acq: 31 Mar 2021 19:08

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 14054

Ion	Ratio	Lower	Upper
41	100		
42	69.6	57.0	85.4

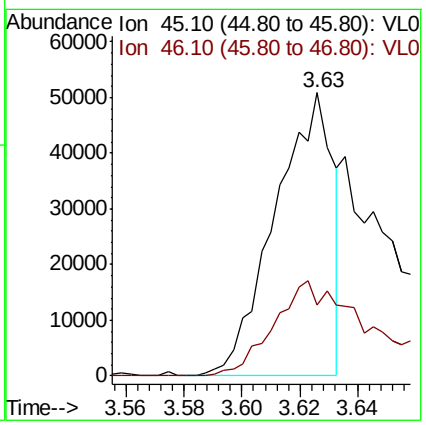


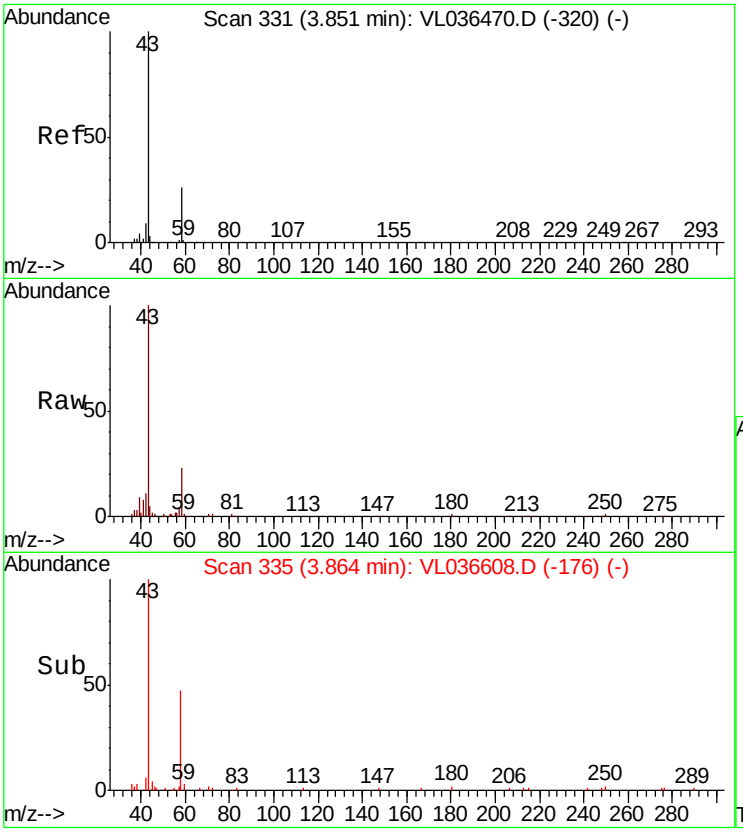


#13
Ethanol
Concen: 5.835 ppbv
RT: 3.63 min Scan# 261
Delta R.T. 0.02 min
Lab File: VL036608.D
Acq: 31 Mar 2021 19:08

Tgt Ion: 45 Resp: 70546

Ion	Ratio	Lower	Upper
45	100		
46	71.0	16.6	66.2#



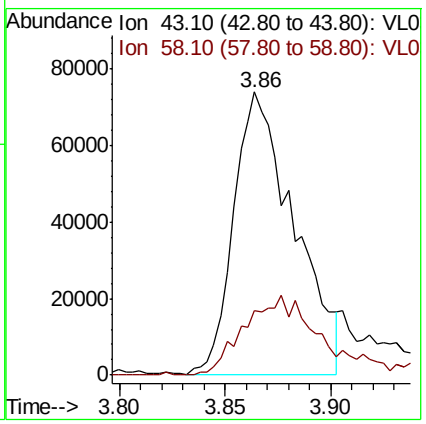


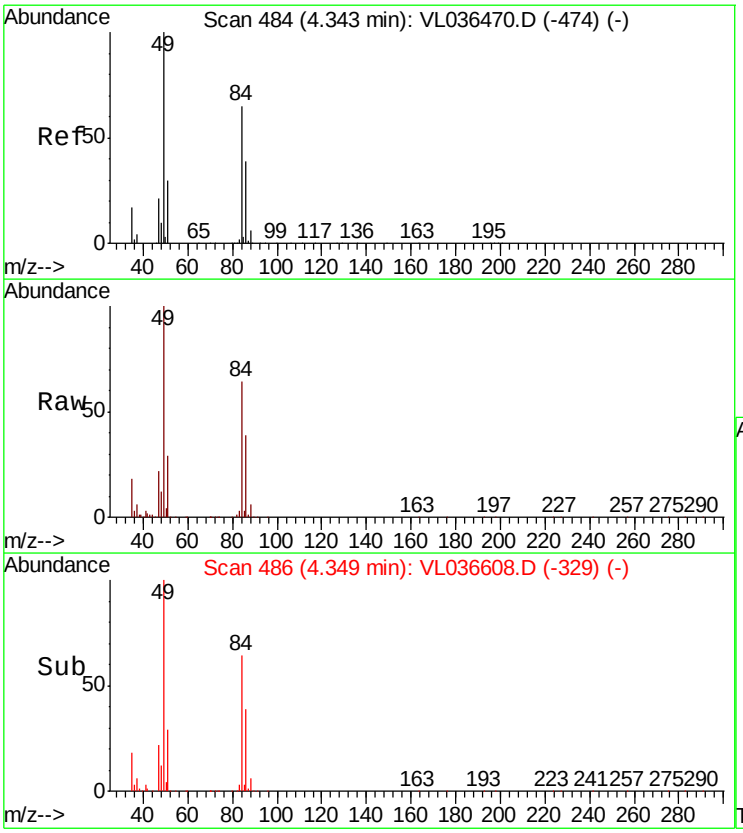
#15
Acetone
Concen: 0.872 ppbv
RT: 3.86 min Scan# 335
Delta R.T. 0.01 min
Lab File: VL036608.D
Acq: 31 Mar 2021 19:08

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 146246

Ion	Ratio	Lower	Upper
43	100		
58	38.6	21.2	31.8#

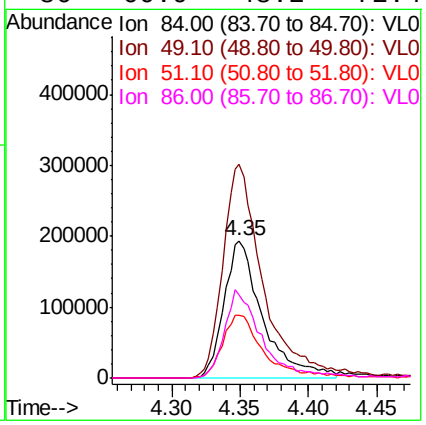


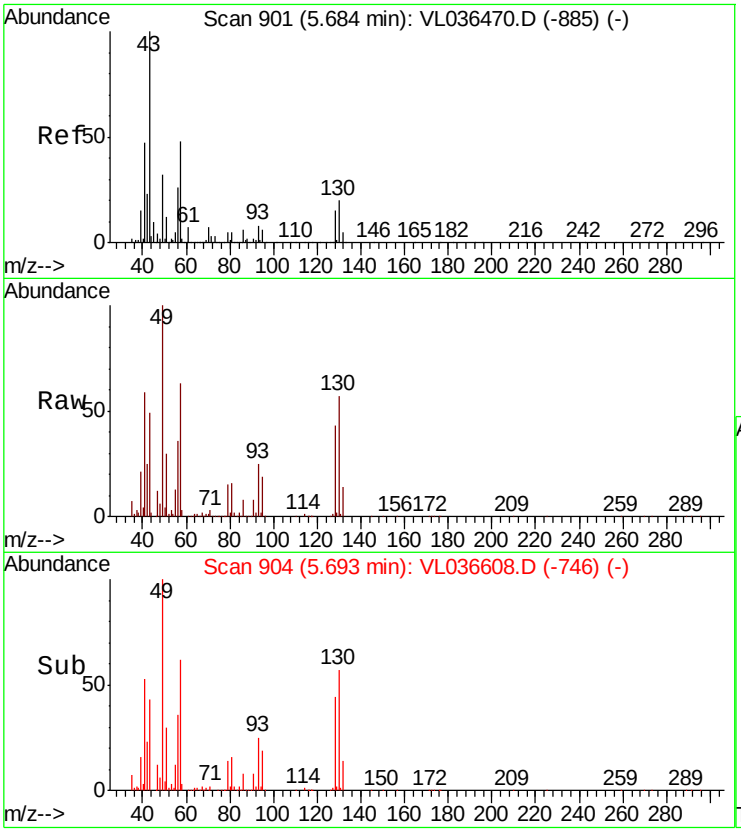


#20
Methylene Chloride
Concen: 4.840 ppbv
RT: 4.35 min Scan# 486
Delta R.T. 0.01 min
Lab File: VL036608.D
Acq: 31 Mar 2021 19:08

Tgt Ion: 84 Resp: 380167

Ion	Ratio	Lower	Upper
84	100		
49	155.6	122.9	184.3
51	45.7	36.9	55.3
86	60.9	48.2	72.4



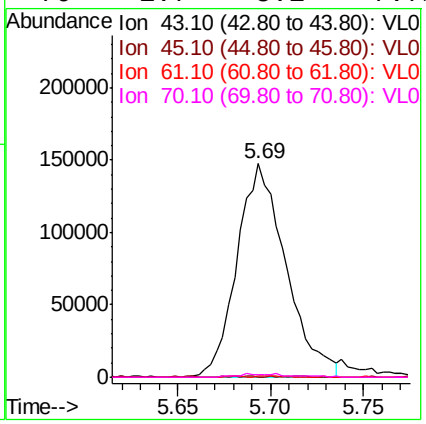


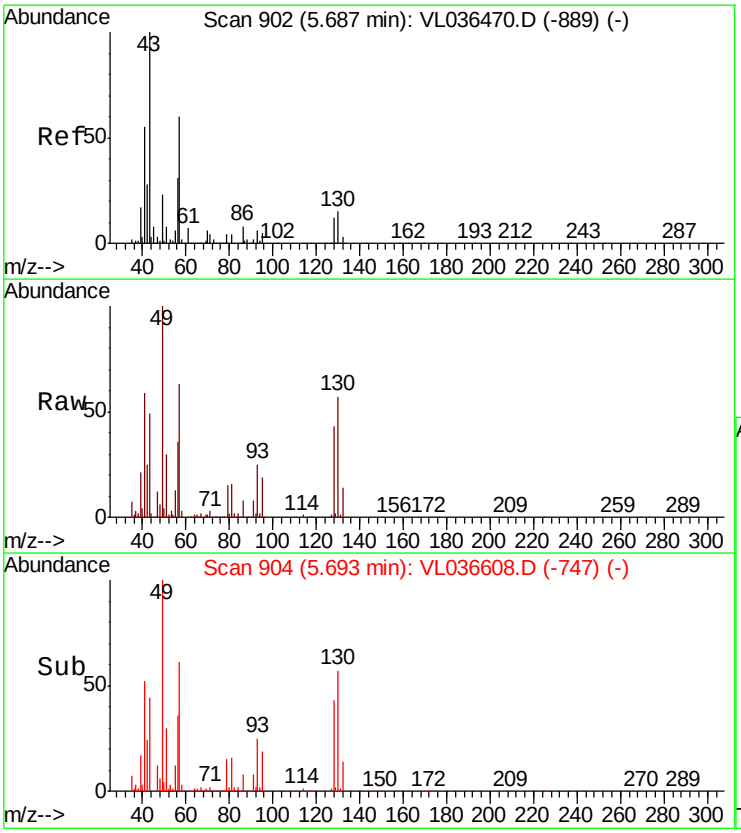
#25
Ethyl Acetate
Concen: 0.680 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.01 min
Lab File: VL036608.D
Acq: 31 Mar 2021 19:08

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 271332

Ion	Ratio	Lower	Upper
43	100		
45	0.6	7.9	11.9#
61	0.3	7.4	11.2#
70	1.7	5.1	7.7#

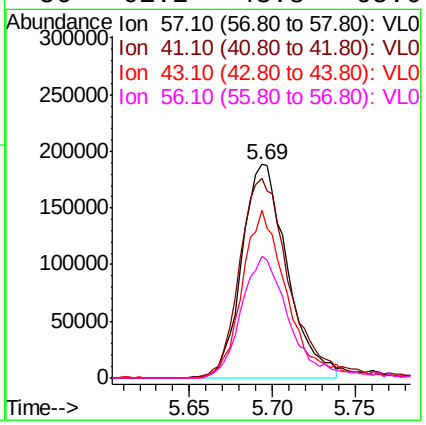


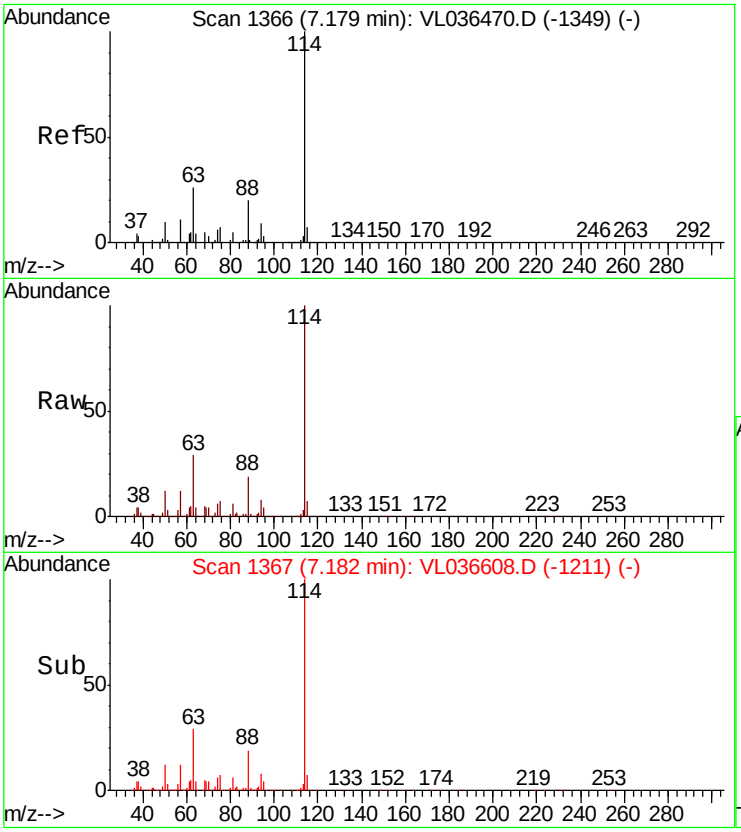


#26
Hexane
Concen: 1.942 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.01 min
Lab File: VL036608.D
Acq: 31 Mar 2021 19:08

Tgt Ion: 57 Resp: 359356

Ion	Ratio	Lower	Upper
57	100		
41	105.2	77.2	115.8
43	79.8	173.8	260.6#
56	61.2	43.8	65.6



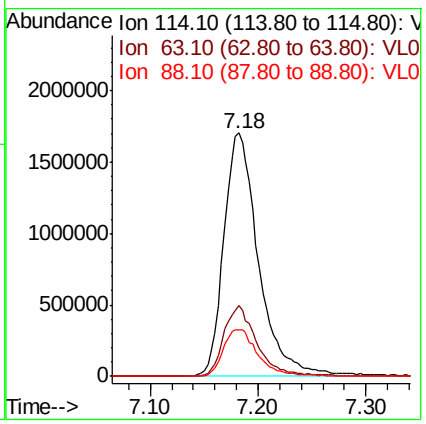


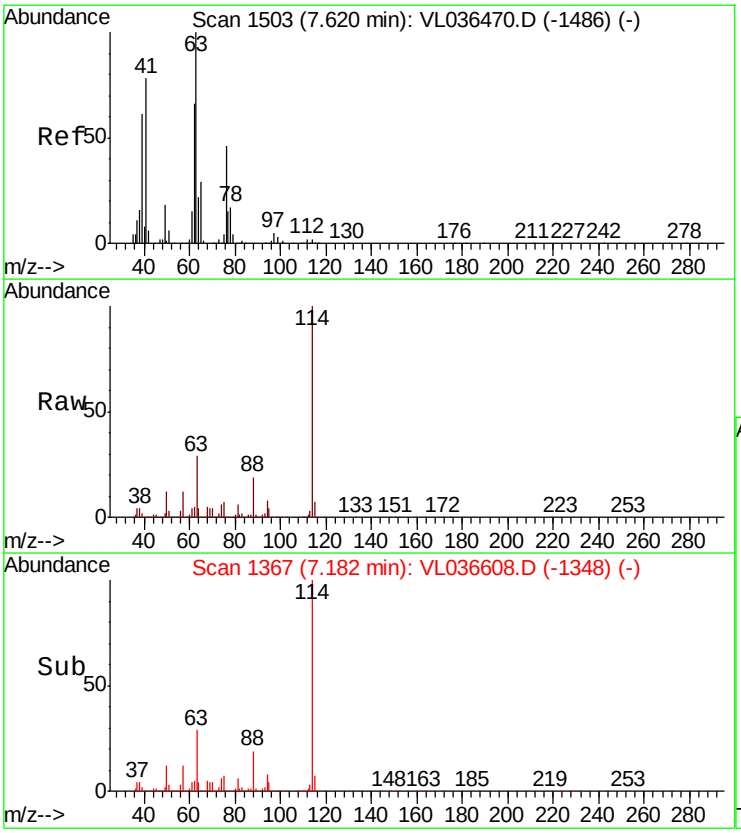
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VL036608.D
Acq: 31 Mar 2021 19:08

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 3799341

Ion	Ratio	Lower	Upper
114	100		
63	28.3	22.4	33.6
88	19.8	15.4	23.0

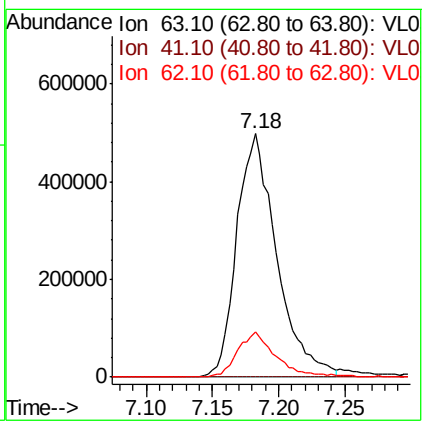


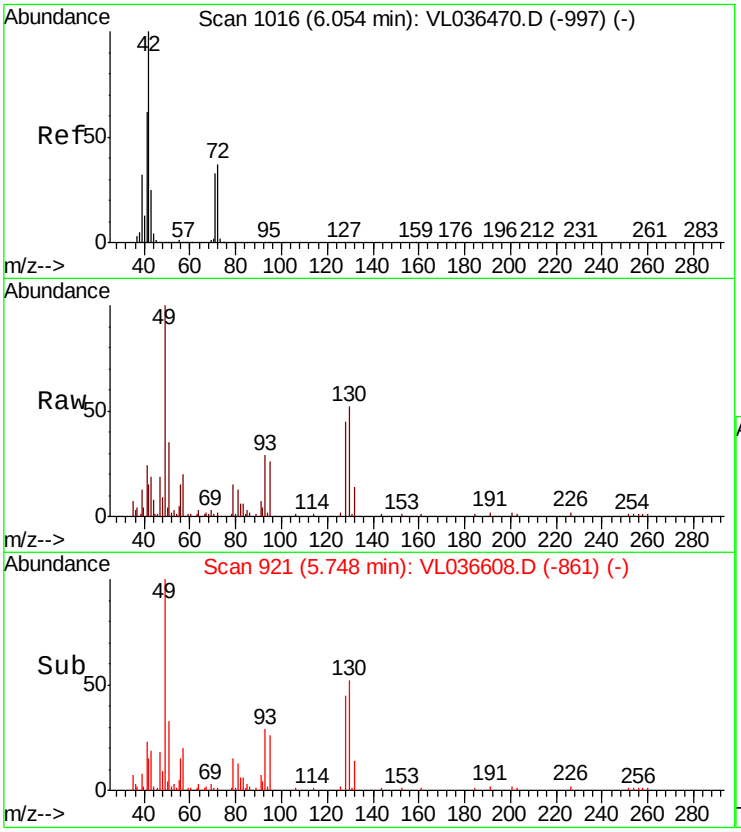


#39
1,2-Dichloropropane
Concen: 7.331 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. -0.44 min
Lab File: VL036608.D
Acq: 31 Mar 2021 19:08

Tgt Ion: 63 Resp: 1042005

Ion	Ratio	Lower	Upper
63	100		
41	0.0	62.4	93.6#
62	18.4	52.8	79.2#



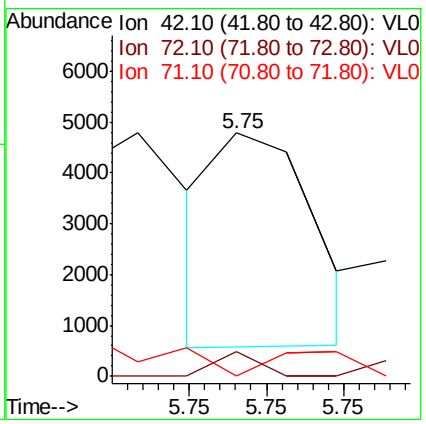


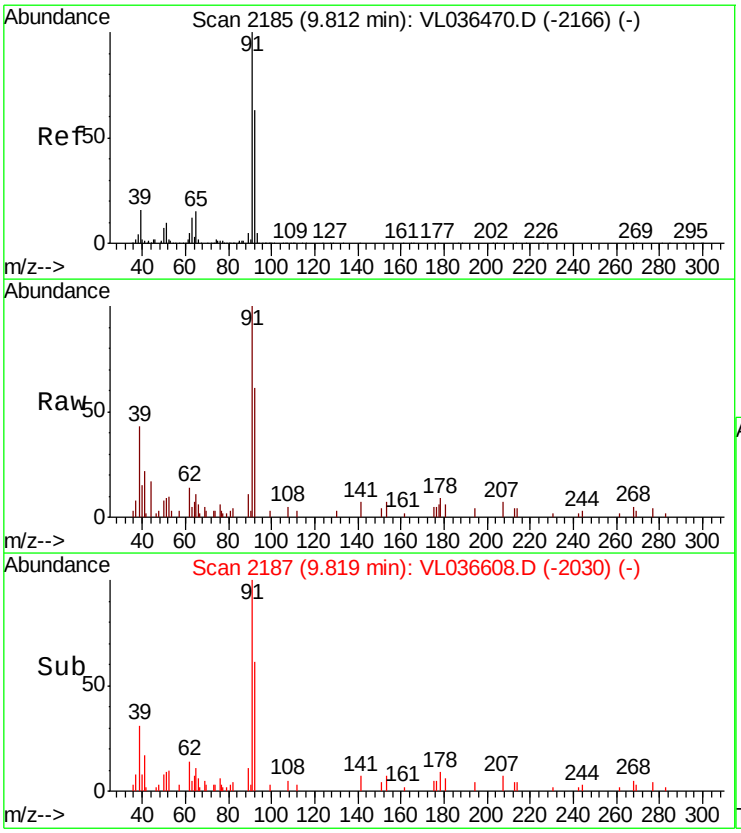
#41
Tetrahydrofuran
Concen: 0.021 ppbv
RT: 5.75 min Scan# 921
Delta R.T. -0.31 min
Lab File: VL036608.D
Acq: 31 Mar 2021 19:08

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 42 Resp: 1831

Ion	Ratio	Lower	Upper
42	100		
72	12.5	27.6	41.4#
71	0.0	27.0	40.4#

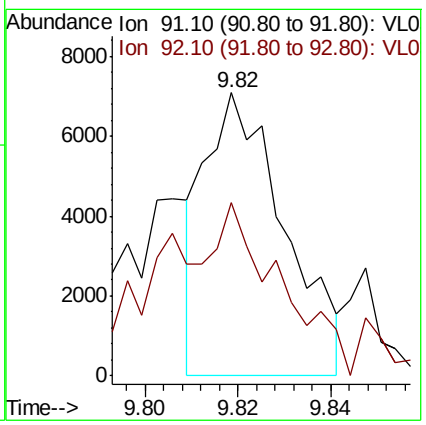


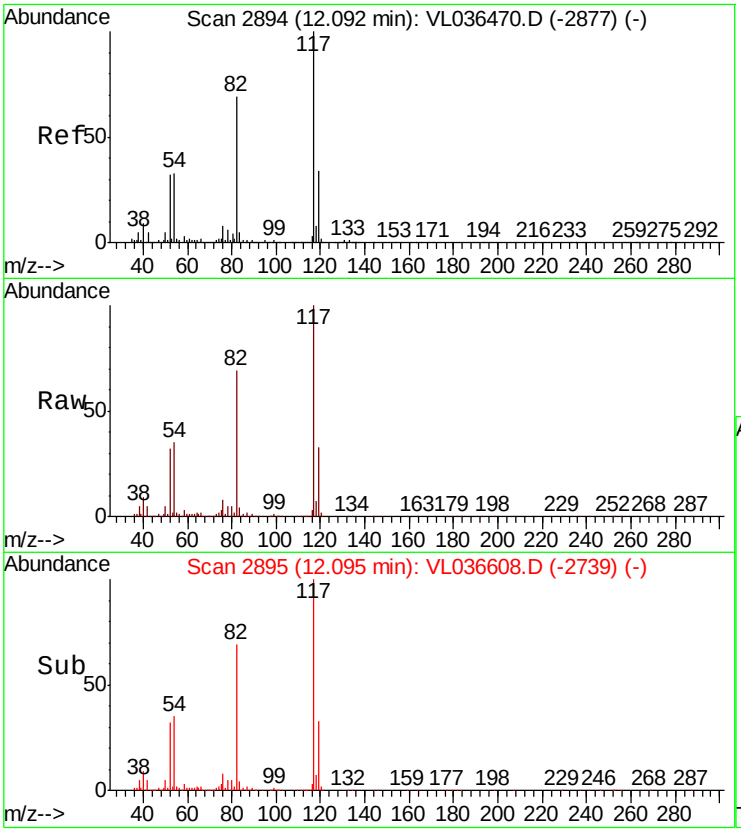


#53
Toluene
Concen: 0.023 ppbv
RT: 9.82 min Scan# 2187
Delta R.T. 0.01 min
Lab File: VL036608.D
Acq: 31 Mar 2021 19:08

Tgt Ion: 91 Resp: 8456

Ion	Ratio	Lower	Upper
91	100		
92	107.2	48.8	73.2#



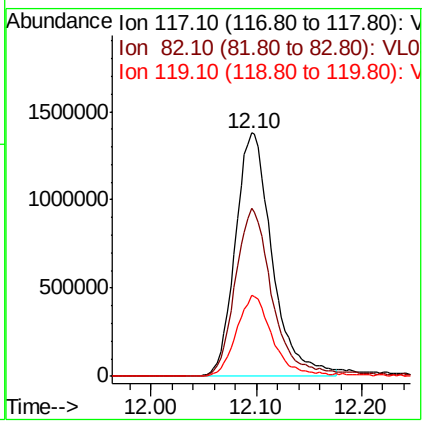


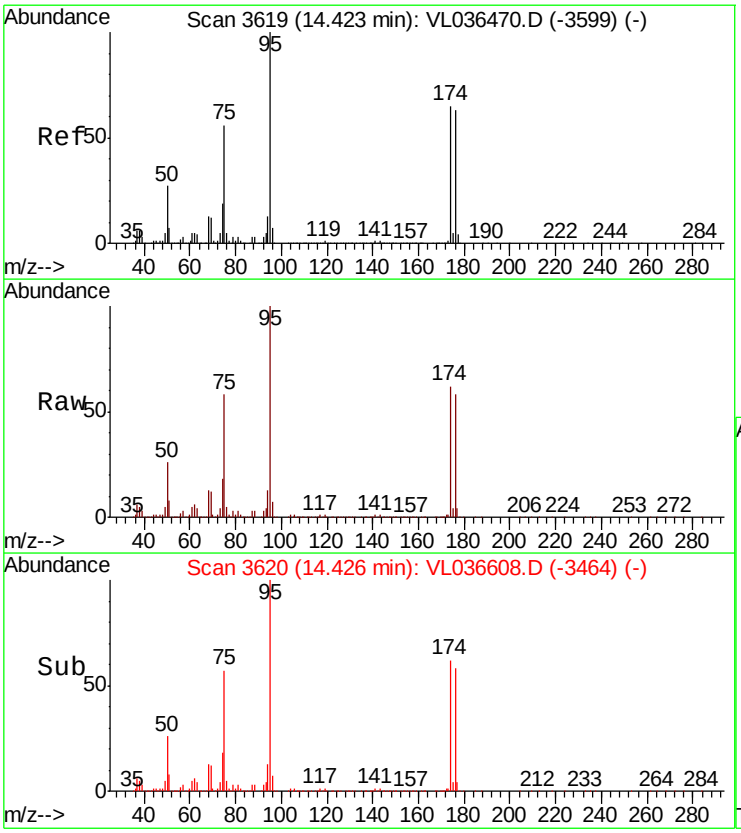
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2895
Delta R.T. 0.00 min
Lab File: VL036608.D
Acq: 31 Mar 2021 19:08

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 3350793

Ion	Ratio	Lower	Upper
117	100		
82	70.8	57.4	86.0
119	33.4	47.4	71.0#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.855 ppbv
RT: 14.43 min Scan# 3620
Delta R.T. 0.00 min
Lab File: VL036608.D
Acq: 31 Mar 2021 19:08

Tgt Ion: 95 Resp: 2631897

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