Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100121\
Data File : VL037744.D
Acq On : 1 Oct 2021 16:46
Operator : SY/AP
Sample : M4012-02 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : C0P22

Quant Time: Oct 02 01:34:34 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 16 13:42:46 2021
QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.65	49	1526679	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.16	114	4376295	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.07	117	3727135	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.39	95	2682640	9.96	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	10026	0.036	ppbv		90
3) Chlorodifluoromethane	2.98	51	16123	0.056	ppbv	#	88
4) Chloromethane	3.14	50	5063	0.048	ppbv		92
9) Propene	3.02	41	50166	0.494	ppbv	#	69
13) Ethanol	3.60	45	8718039	877.443	ppbv		91
15) Acetone	3.83	43	3394986	21.403	ppbv		94
19) Isopropyl Alcohol	3.96	45	1914926	22.188	ppbv	#	96
20) Methylene Chloride	4.34	84	115091	1.520	ppbv		98
23) Vinyl Acetate	5.05	43	21420	0.098	ppbv	#	1
25) Ethyl Acetate	5.67	43	65096	0.169	ppbv	#	92
26) Hexane	5.67	57	35790	0.196	ppbv	#	86
29) Chloroform	5.74	83	21623	0.081	ppbv		96
34) 2-Butanone	5.23	43	28608	0.161	ppbv	#	82
37) 1,2-Dichloroethane	6.29	62	10777	0.060	ppbv	#	67
39) 1,2-Dichloropropane	7.16	63	1028766	7.360	ppbv	#	28
53) Toluene	9.78	91	54672	0.135	ppbv	#	10
58) Ethyl Benzene	12.69	91	20197	0.041	ppbv		97
60) o-Xylene	13.67	91	24393	0.059	ppbv		88

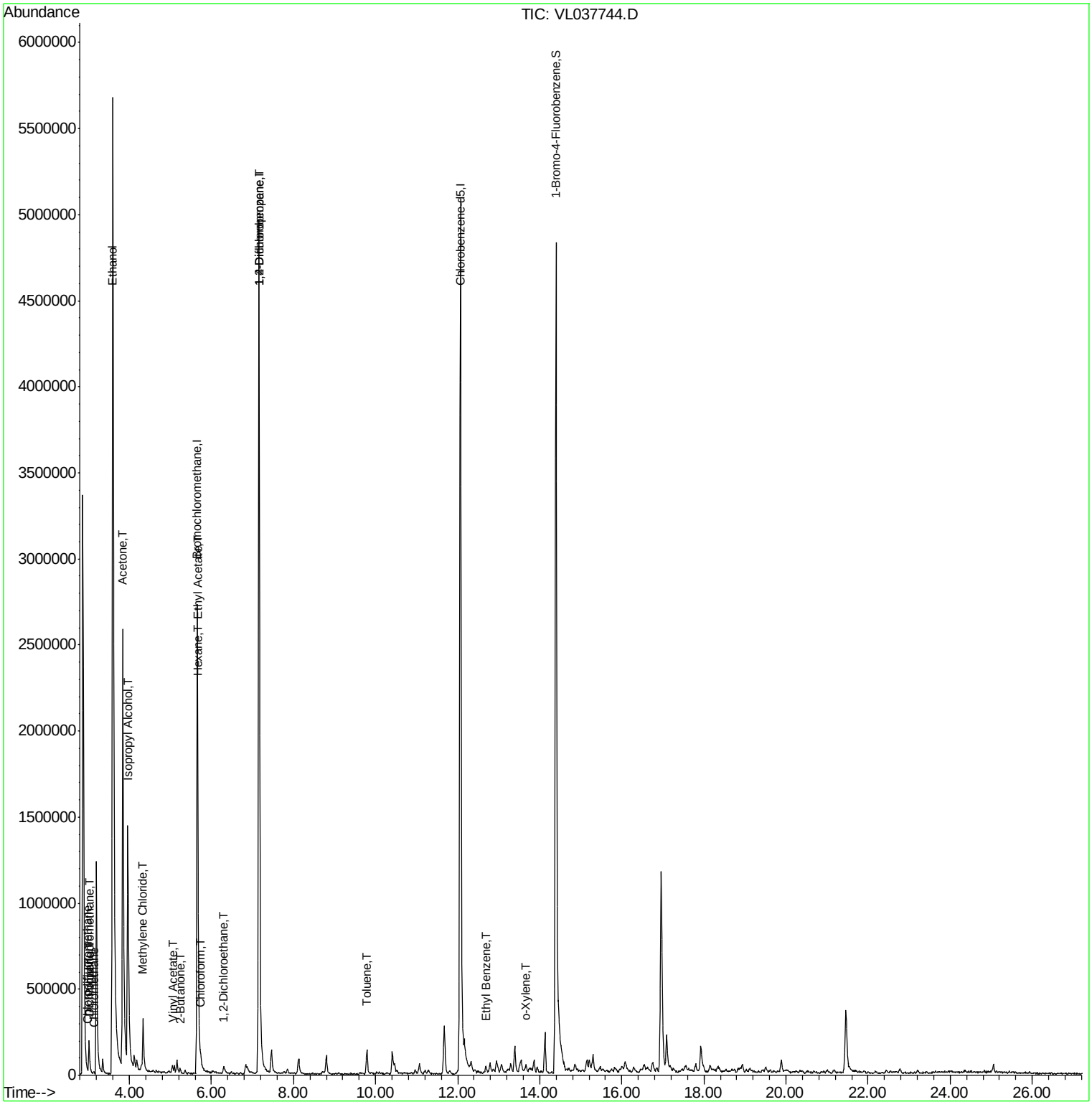
(#) = qualifier out of range (m) = manual integration (+) = signals summed

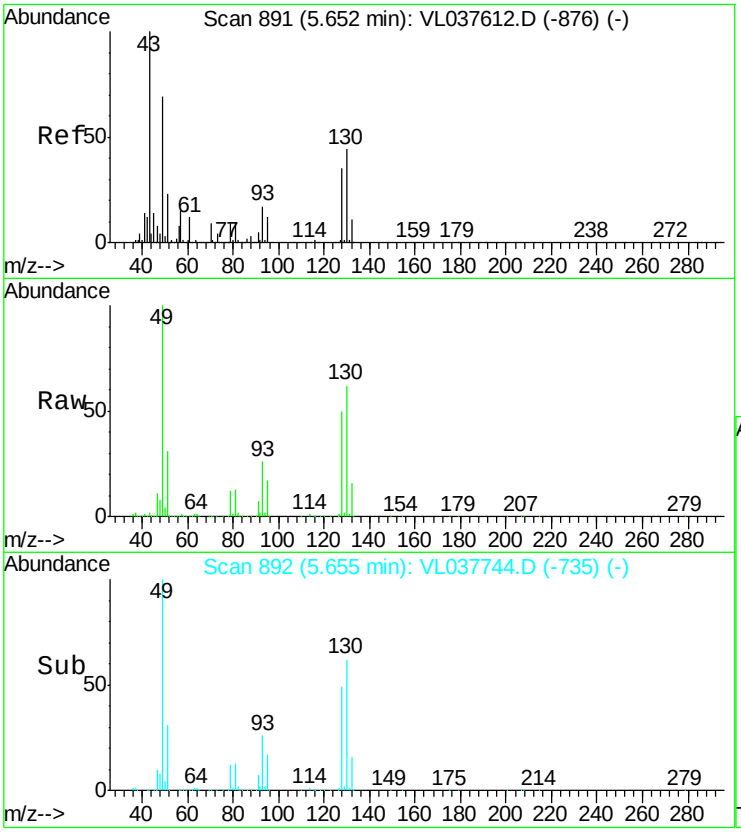
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100121\
Data File : VL037744.D
Acq On : 1 Oct 2021 16:46
Operator : SY/AP
Sample : M4012-02 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
C0P22

Quant Time: Oct 02 01:34:34 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 16 13:42:46 2021
QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration



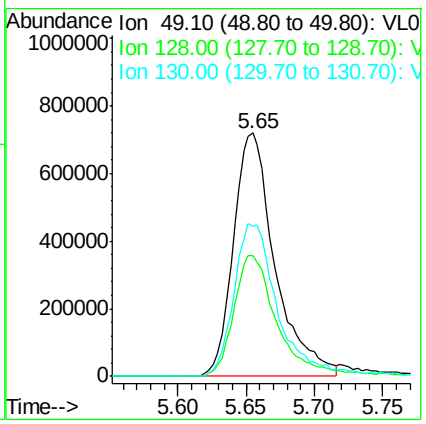


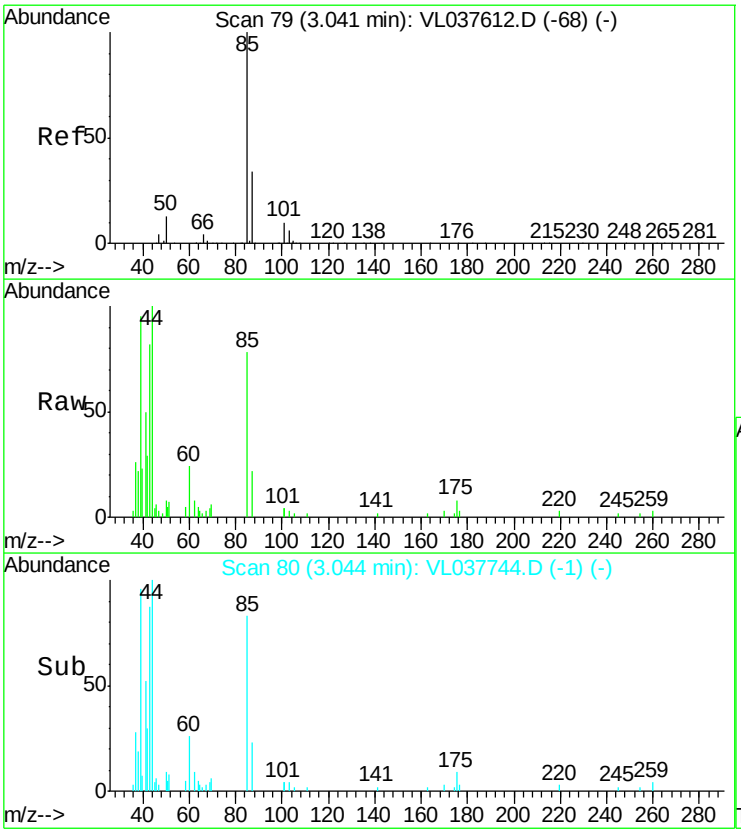
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 892
Delta R.T. 0.00 min
Lab File: VL037744.D
Acq: 1 Oct 2021 16:46

Instrument :
MSVOA_L
ClientSampleId :
C0P22

Tgt Ion: 49 Resp: 1526679

Ion	Ratio	Lower	Upper
49	100		
128	52.7	27.9	83.6
130	67.9	33.9	101.7

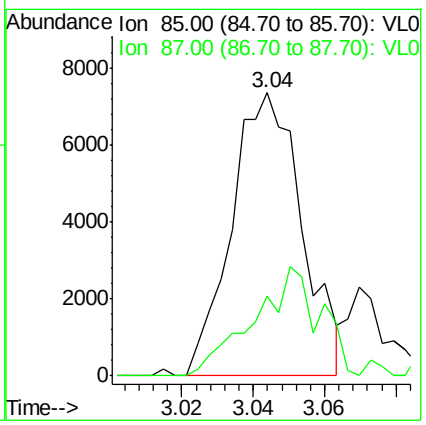


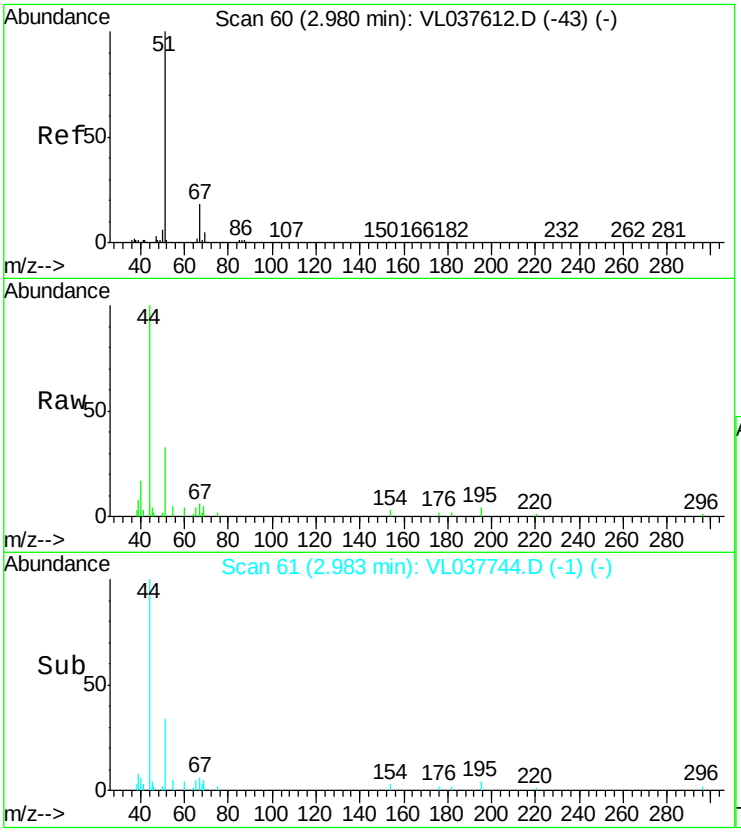


#2
Dichlorodifluoromethane
Concen: 0.036 ppbv
RT: 3.04 min Scan# 80
Delta R.T. 0.00 min
Lab File: VL037744.D
Acq: 1 Oct 2021 16:46

Tgt Ion: 85 Resp: 10026

Ion	Ratio	Lower	Upper
85	100		
87	28.0	26.8	40.2



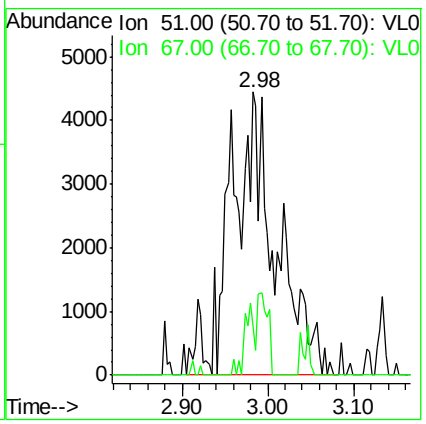


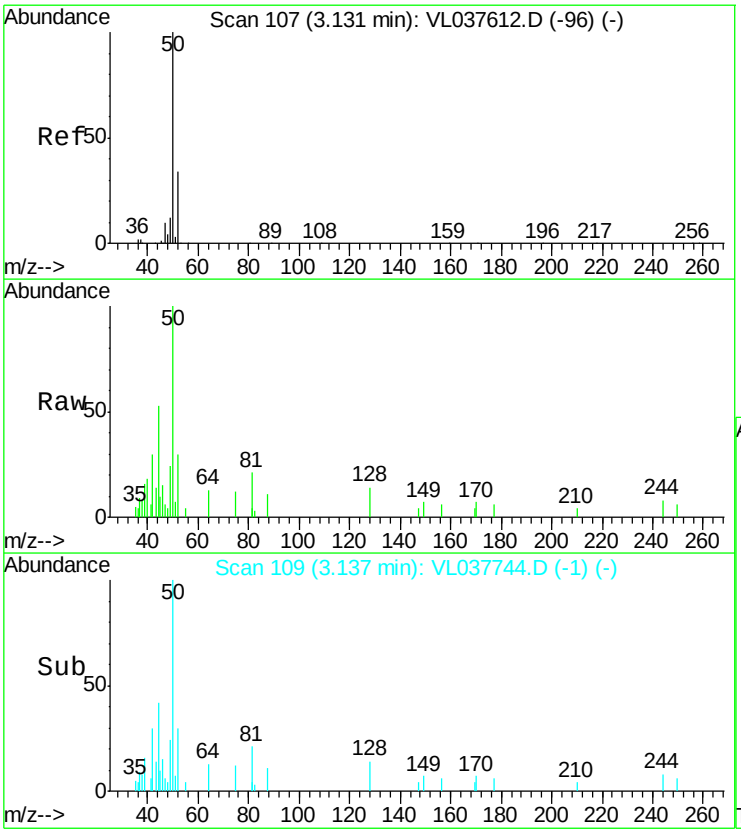
#3
Chlorodifluoromethane
Concen: 0.056 ppbv
RT: 2.98 min Scan# 61
Delta R.T. 0.00 min
Lab File: VL037744.D
Acq: 1 Oct 2021 16:46

Instrument : MSVOA_L
ClientSampleId : C0P22

Tgt Ion: 51 Resp: 16123

Ion	Ratio	Lower	Upper
51	100		
67	12.0	14.0	21.0#

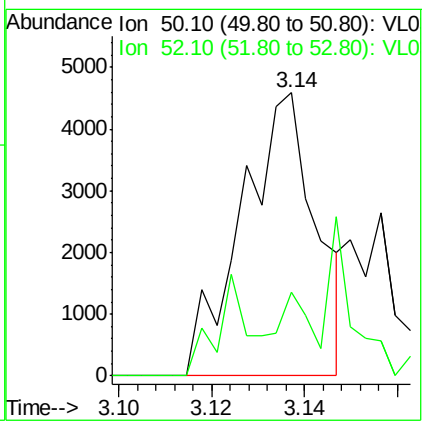


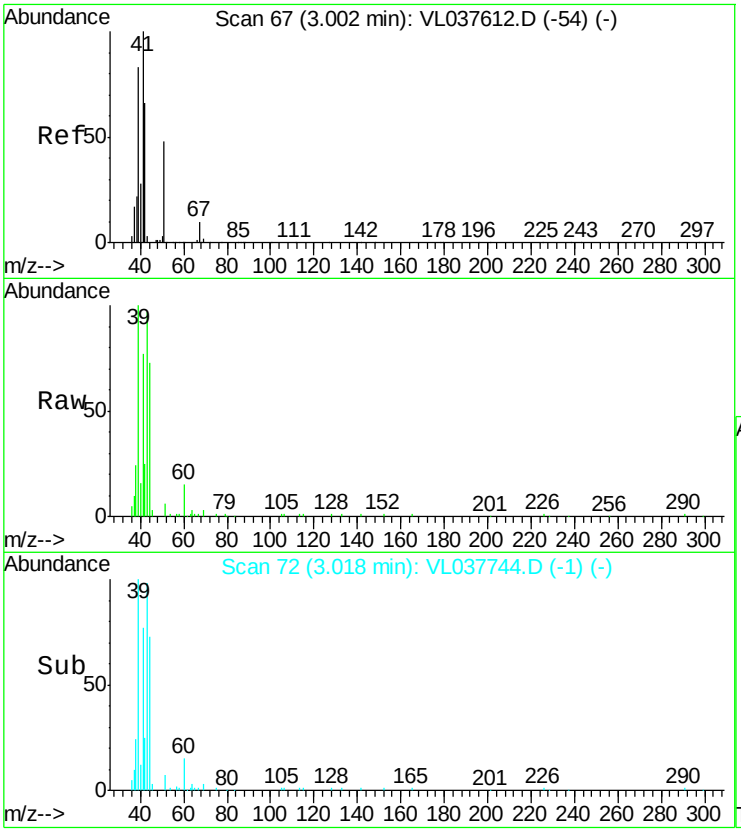


#4
Chloromethane
Concen: 0.048 ppbv
RT: 3.14 min Scan# 109
Delta R.T. 0.01 min
Lab File: VL037744.D
Acq: 1 Oct 2021 16:46

Tgt Ion: 50 Resp: 5063

Ion	Ratio	Lower	Upper
50	100		
52	29.5	27.1	40.7



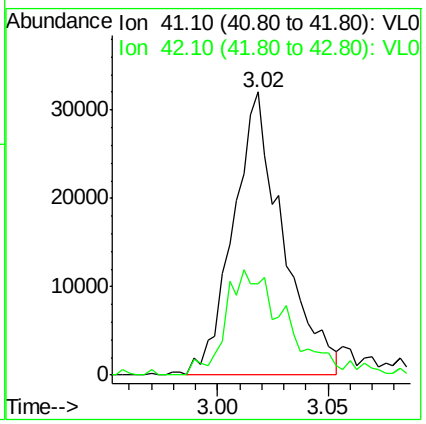


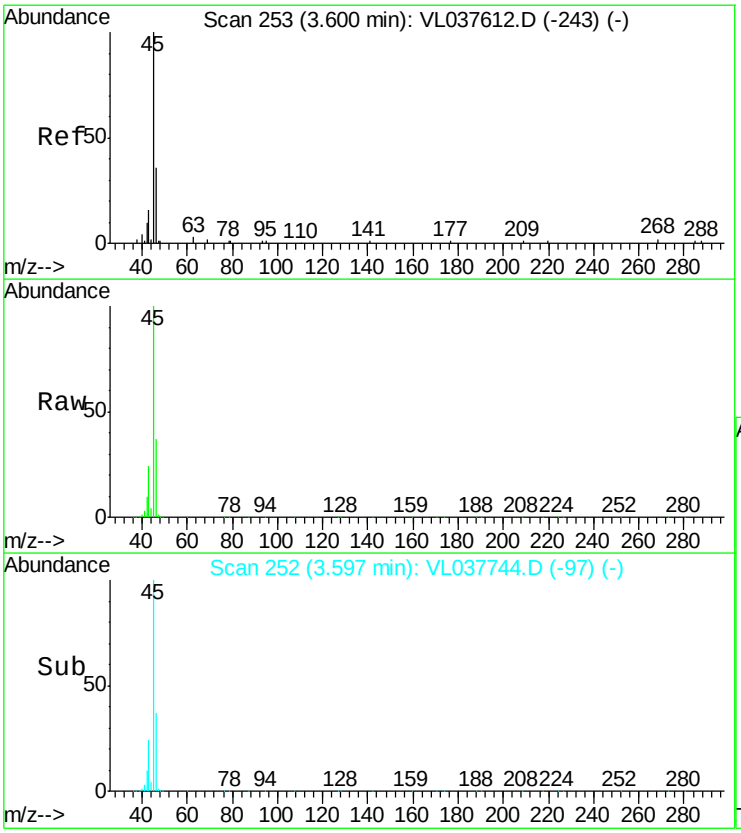
#9
Propene
Concen: 0.494 ppbv
RT: 3.02 min Scan# 72
Delta R.T. 0.02 min
Lab File: VL037744.D
Acq: 1 Oct 2021 16:46

Instrument : MSVOA_L
ClientSampleId : C0P22

Tgt Ion: 41 Resp: 50166

Ion	Ratio	Lower	Upper
41	100		
42	46.1	57.2	85.8#

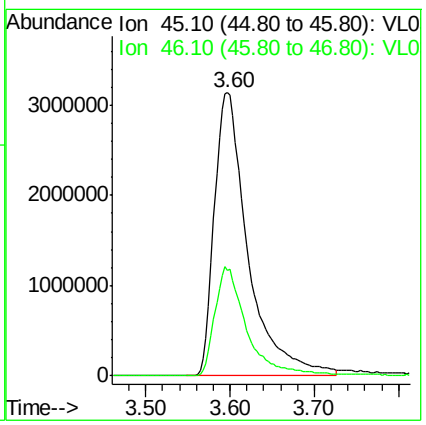


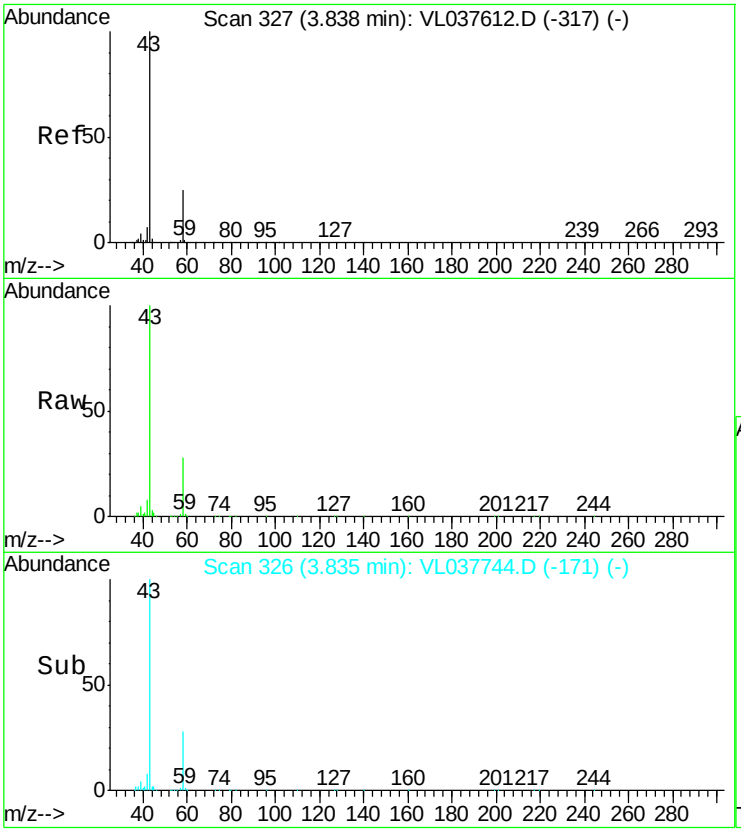


#13
Ethanol
Concen: 877.443 ppbv
RT: 3.60 min Scan# 252
Delta R.T. -0.00 min
Lab File: VL037744.D
Acq: 1 Oct 2021 16:46

Tgt Ion: 45 Resp: 8718039

Ion	Ratio	Lower	Upper
45	100		
46	37.2	17.2	68.8



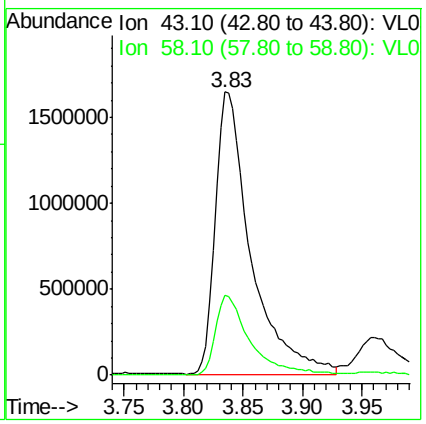


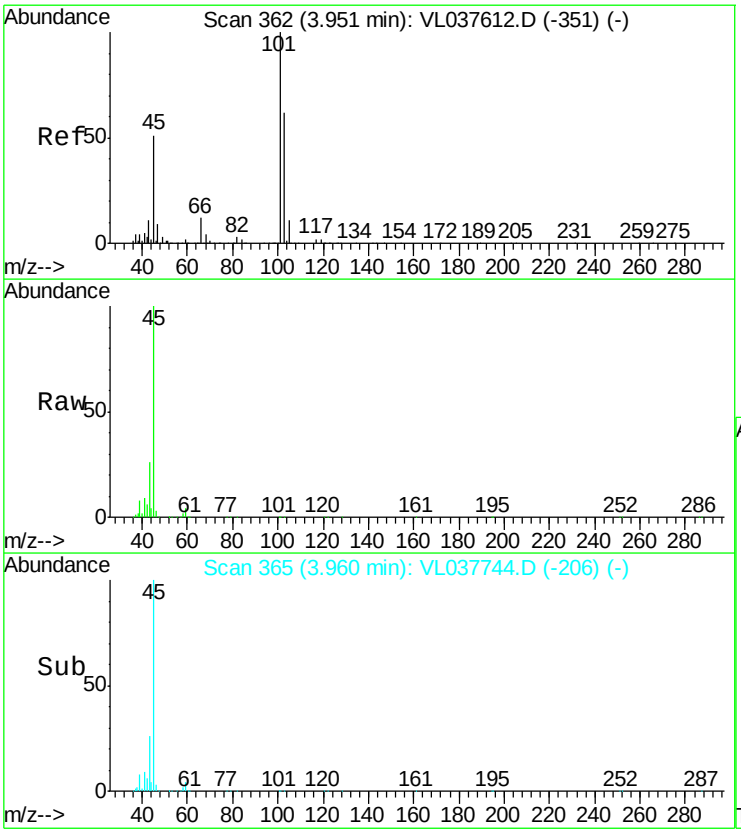
#15
Acetone
Concen: 21.403 ppbv
RT: 3.83 min Scan# 326
Delta R.T. -0.00 min
Lab File: VL037744.D
Acq: 1 Oct 2021 16:46

Instrument :
MSVOA_L
ClientSampleId :
C0P22

Tgt Ion: 43 Resp: 3394986

Ion	Ratio	Lower	Upper
43	100		
58	27.6	24.9	37.3

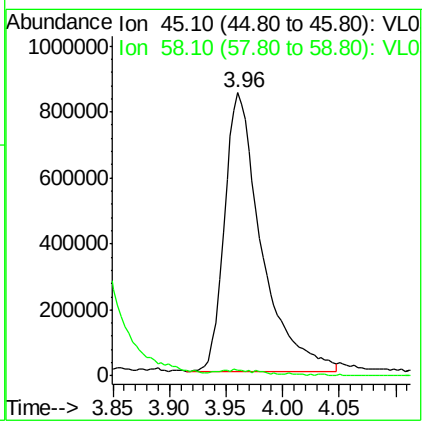


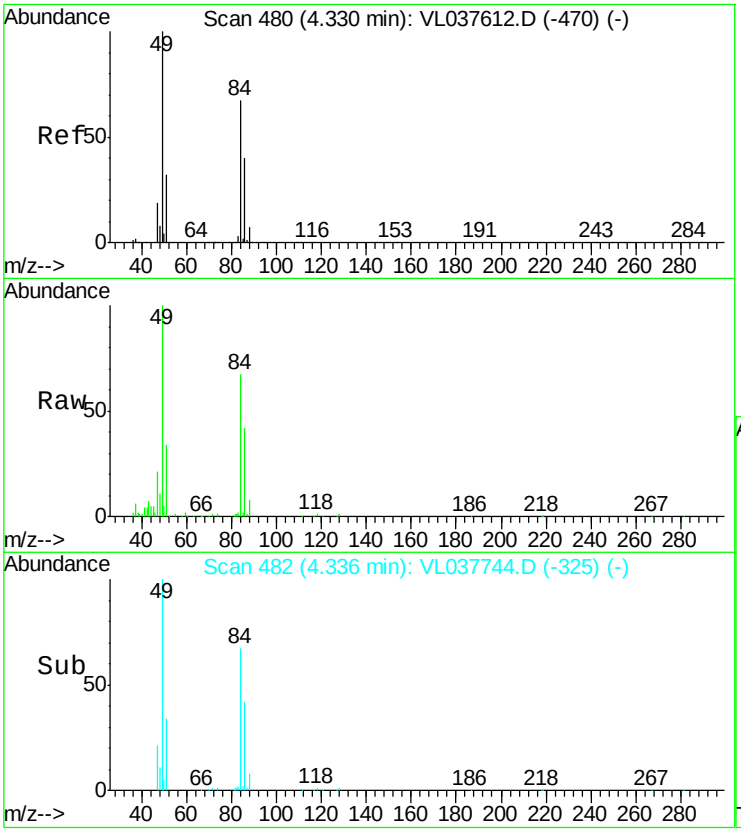


#19
Isopropyl Alcohol
Concen: 22.188 ppbv
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VL037744.D
Acq: 1 Oct 2021 16:46

Tgt Ion: 45 Resp: 1914926

Ion	Ratio	Lower	Upper
45	100		
58	2.3	2.9	4.3#



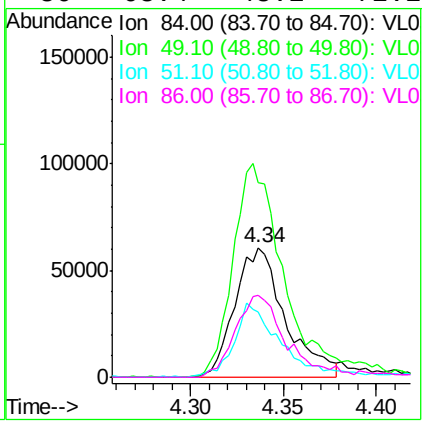


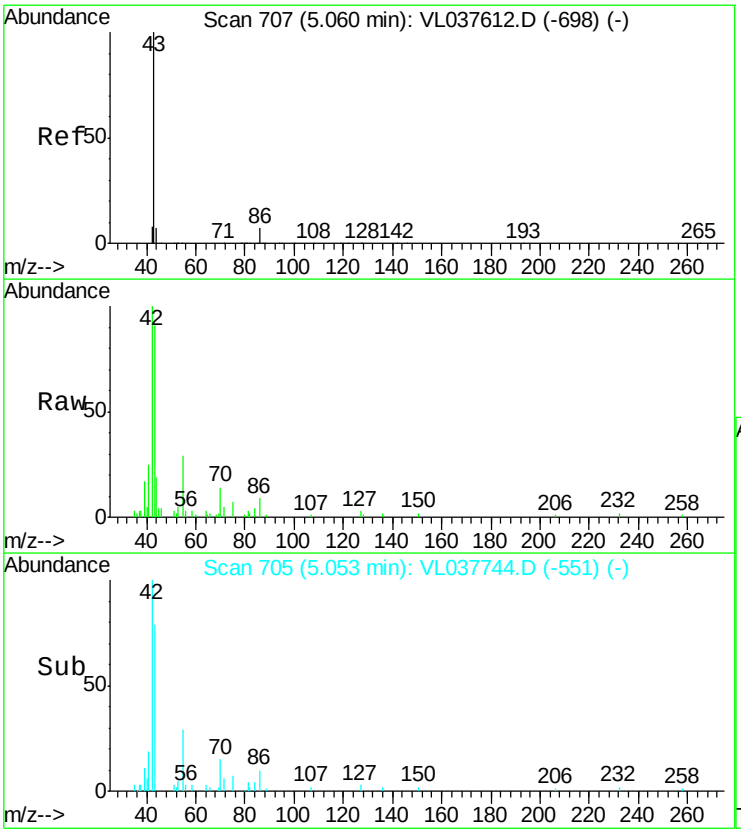
#20
Methylene Chloride
Concen: 1.520 ppbv
RT: 4.34 min Scan# 482
Delta R.T. 0.01 min
Lab File: VL037744.D
Acq: 1 Oct 2021 16:46

Instrument : MSVOA_L
ClientSampleId : C0P22

Tgt Ion: 84 Resp: 115091

Ion	Ratio	Lower	Upper
84	100		
49	149.4	120.0	180.0
51	50.4	38.0	57.0
86	63.4	48.2	72.2

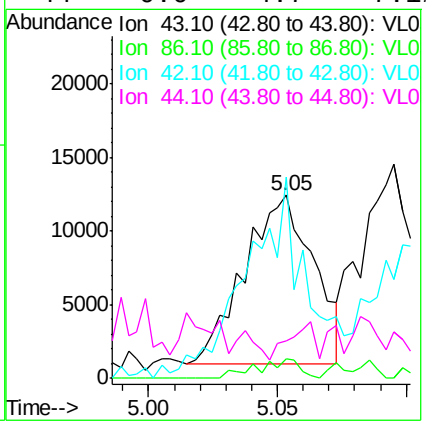


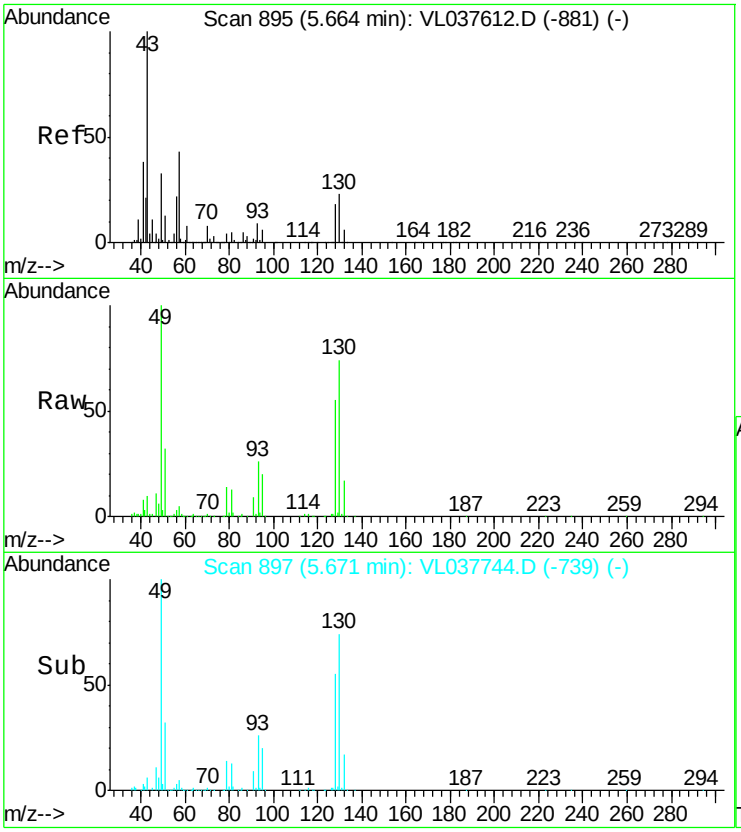


#23
Vinyl Acetate
Concen: 0.098 ppbv
RT: 5.05 min Scan# 705
Delta R.T. -0.01 min
Lab File: VL037744.D
Acq: 1 Oct 2021 16:46

Tgt Ion: 43 Resp: 21420

Ion	Ratio	Lower	Upper
43	100		
86	11.1	5.0	7.6#
42	105.4	7.5	11.3#
44	0.0	4.7	7.1#



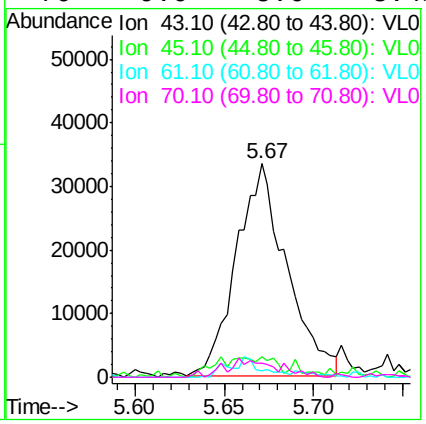


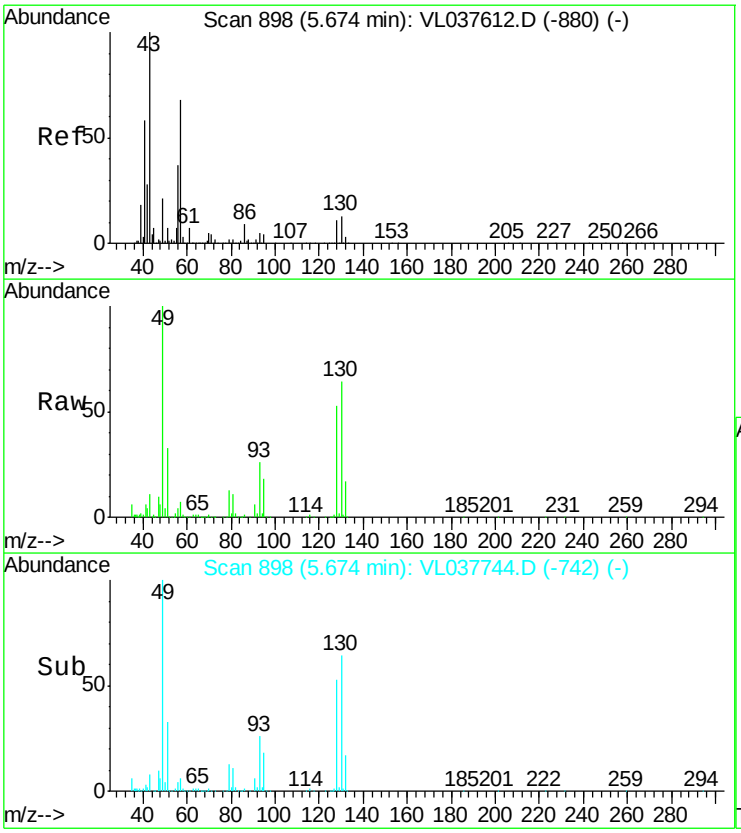
#25
Ethyl Acetate
Concen: 0.169 ppbv
RT: 5.67 min Scan# 897
Delta R.T. 0.01 min
Lab File: VL037744.D
Acq: 1 Oct 2021 16:46

Instrument : MSVOA_L
ClientSampleId : C0P22

Tgt Ion: 43 Resp: 65096

Ion	Ratio	Lower	Upper
43	100		
45	14.1	8.0	12.0#
61	7.5	7.5	11.3#
70	9.0	5.6	8.4#

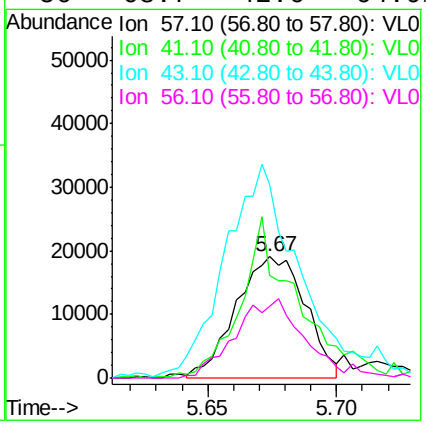


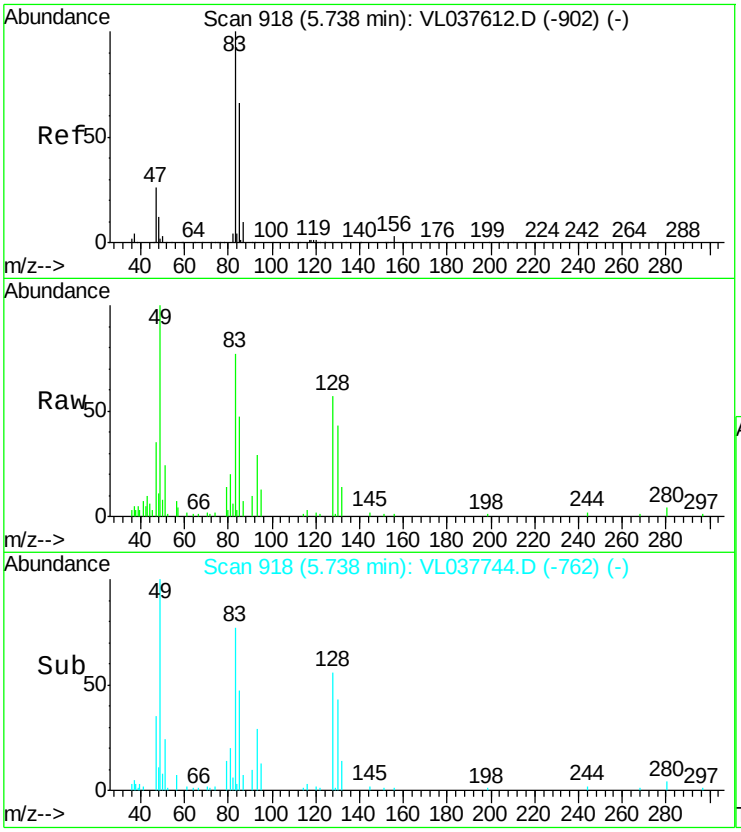


#26
Hexane
Concen: 0.196 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.00 min
Lab File: VL037744.D
Acq: 1 Oct 2021 16:46

Tgt Ion: 57 Resp: 35790

Ion	Ratio	Lower	Upper
57	100		
41	110.6	70.9	106.3#
43	200.1	170.4	255.6
56	68.7	42.6	64.0#



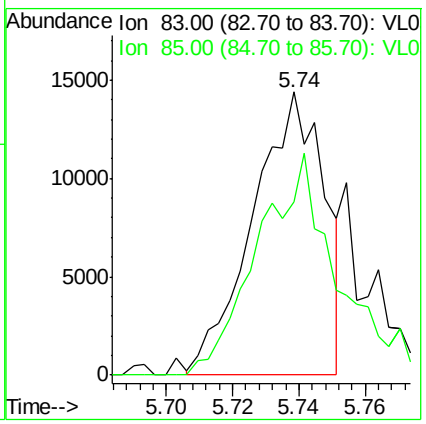


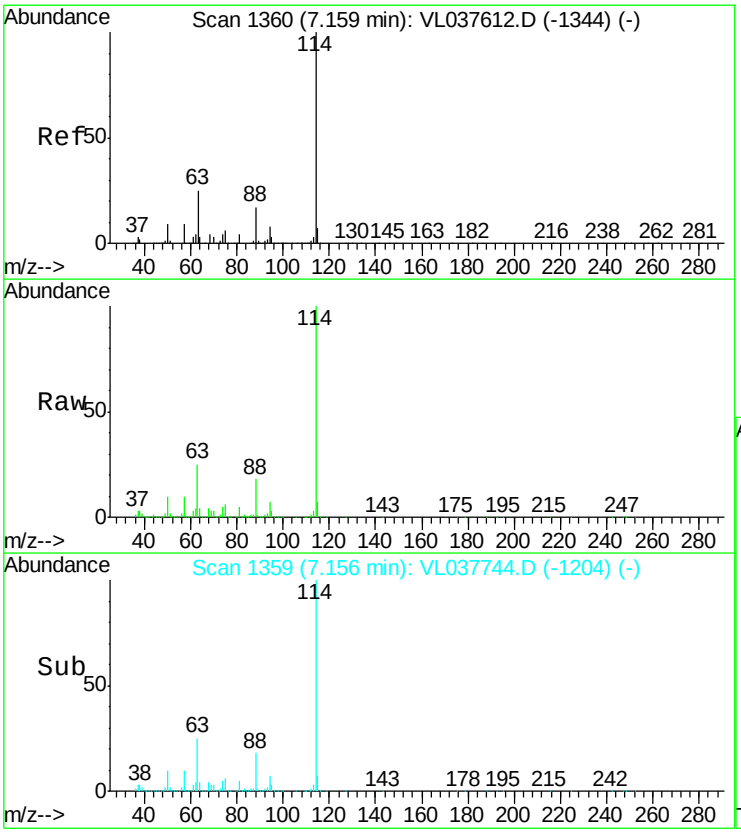
#29
Chloroform
Concen: 0.081 ppbv
RT: 5.74 min Scan# 918
Delta R.T. -0.00 min
Lab File: VL037744.D
Acq: 1 Oct 2021 16:46

Instrument :
MSVOA_L
ClientSampleId :
C0P22

Tgt Ion: 83 Resp: 21623

Ion	Ratio	Lower	Upper
83	100		
85	62.4	52.6	79.0

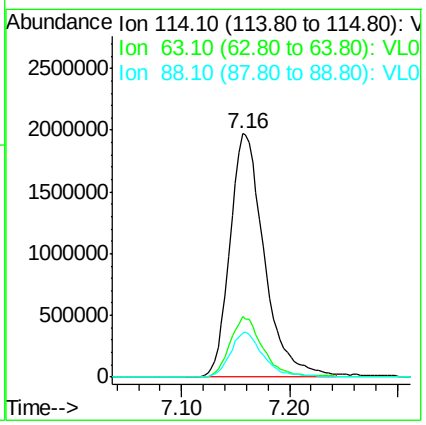


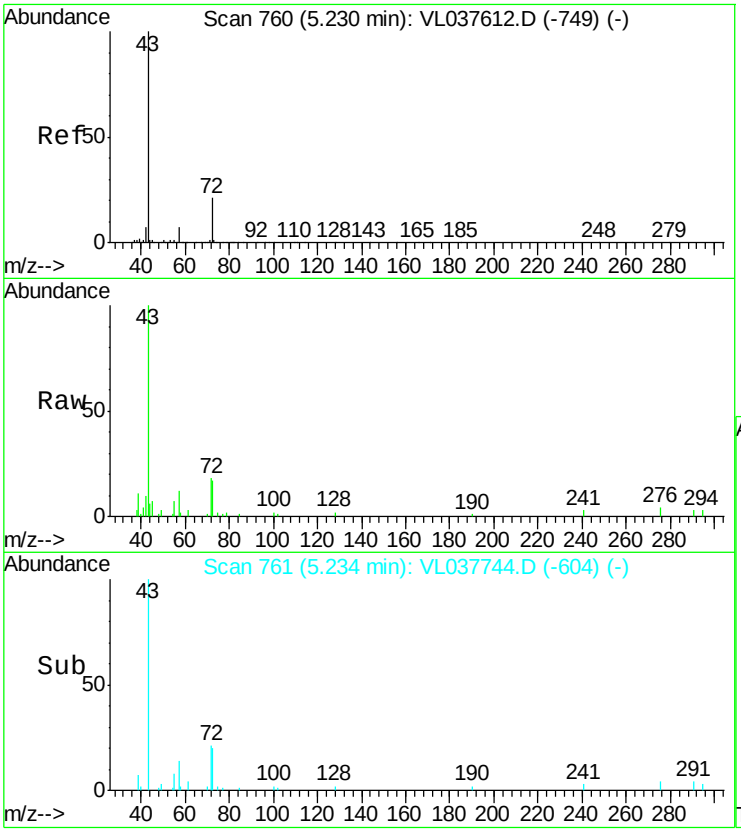


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VL037744.D
Acq: 1 Oct 2021 16:46

Tgt Ion:114 Resp: 4376295

Ion	Ratio	Lower	Upper
114	100		
63	24.1	19.6	29.4
88	18.1	14.2	21.4



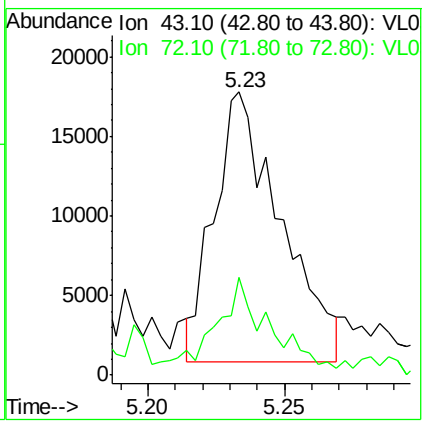


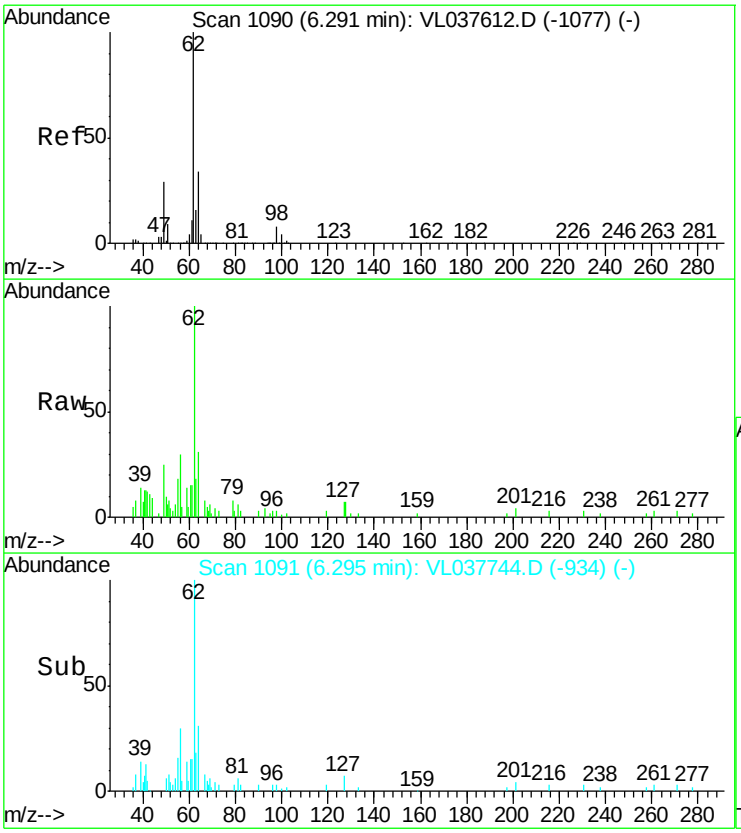
#34
2-Butanone
Concen: 0.161 ppbv
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VL037744.D
Acq: 1 Oct 2021 16:46

Instrument : MSVOA_L
ClientSampleId : C0P22

Tgt Ion: 43 Resp: 28608

Ion	Ratio	Lower	Upper
43	100		
72	31.9	18.4	27.6#

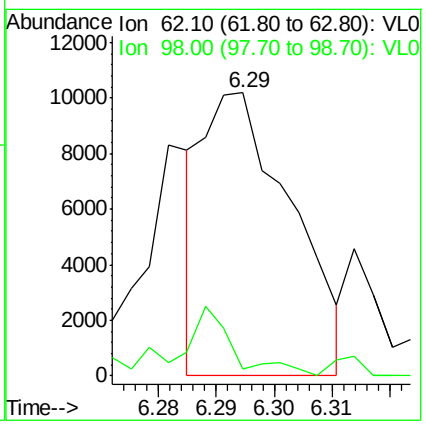


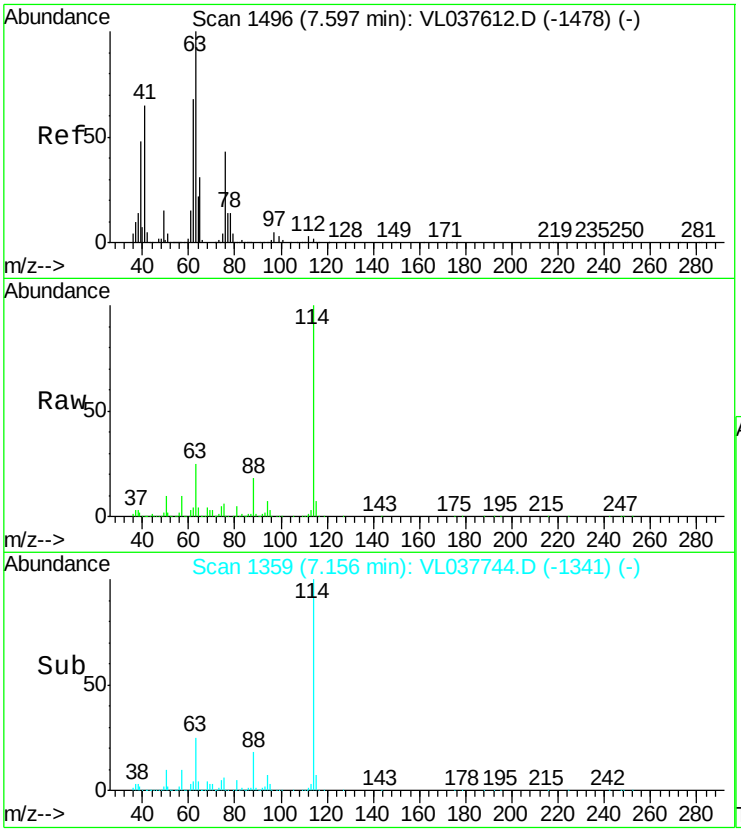


#37
1,2-Dichloroethane
Concen: 0.060 ppbv
RT: 6.29 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VL037744.D
Acq: 1 Oct 2021 16:46

Tgt Ion: 62 Resp: 10777

Ion	Ratio	Lower	Upper
62	100		
98	19.0	6.1	9.1#



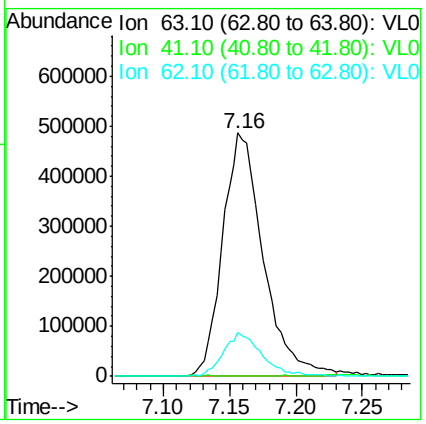


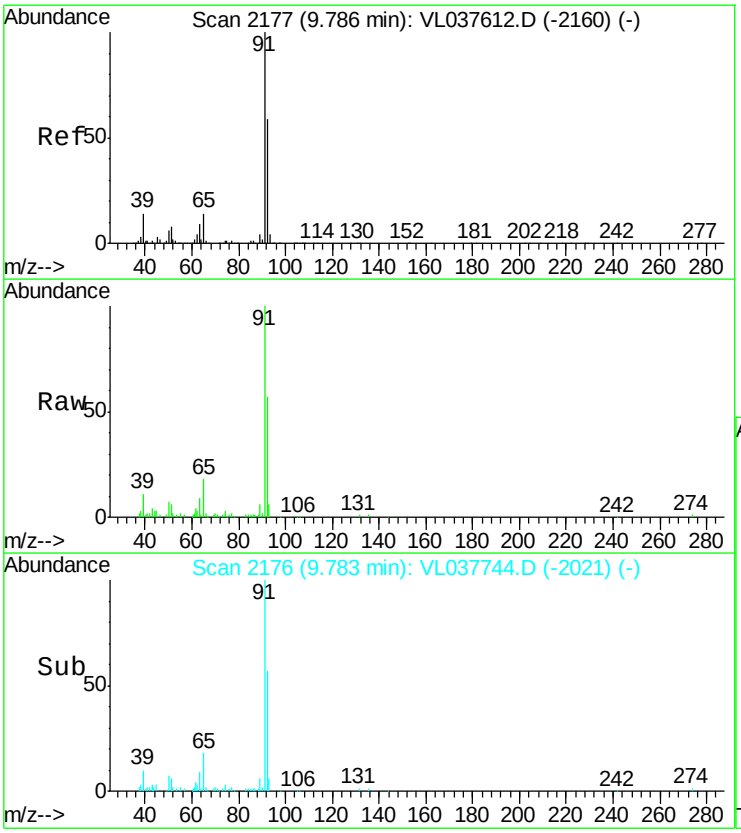
#39
1,2-Dichloropropane
Concen: 7.360 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. -0.44 min
Lab File: VL037744.D
Acq: 1 Oct 2021 16:46

Instrument : MSVOA_L
ClientSampleId : C0P22

Tgt Ion: 63 Resp: 1028766

Ion	Ratio	Lower	Upper
63	100		
41	0.0	51.6	77.4#
62	17.9	54.6	81.8#

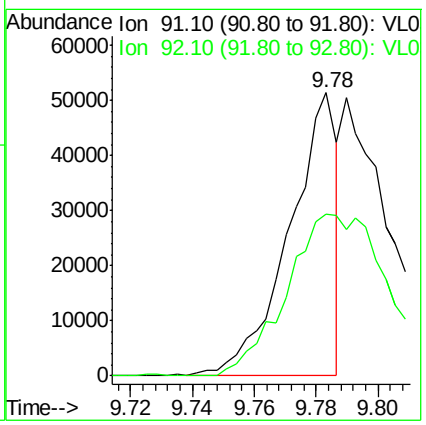


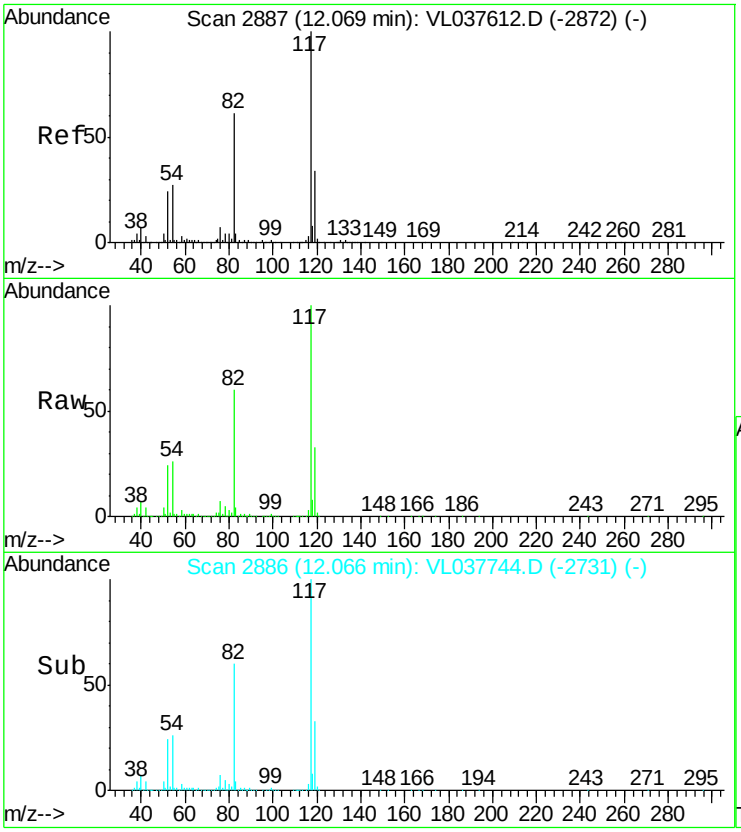


#53
Toluene
Concen: 0.135 ppbv
RT: 9.78 min Scan# 2176
Delta R.T. -0.00 min
Lab File: VL037744.D
Acq: 1 Oct 2021 16:46

Tgt Ion: 91 Resp: 54672

Ion	Ratio	Lower	Upper
91	100		
92	129.8	48.9	73.3#



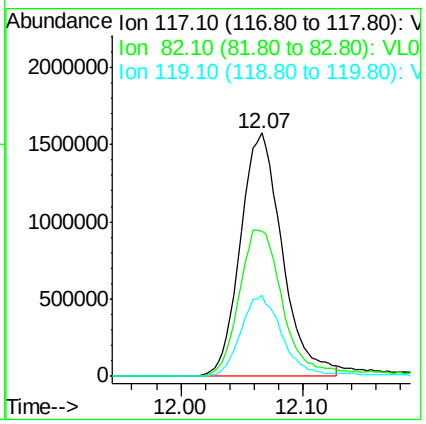


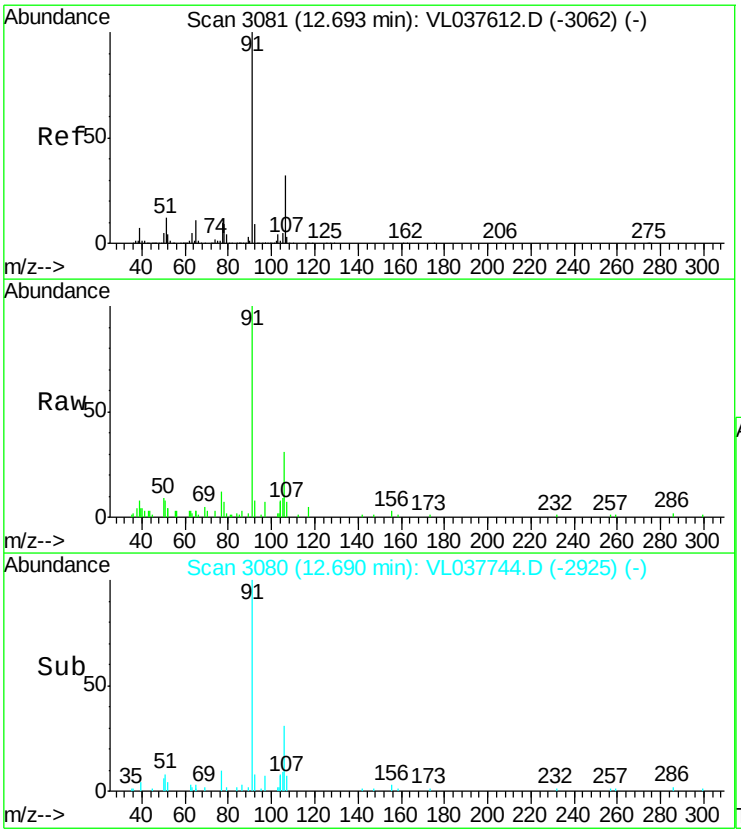
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. -0.00 min
Lab File: VL037744.D
Acq: 1 Oct 2021 16:46

Instrument : MSVOA_L
ClientSampleId : C0P22

Tgt Ion:117 Resp: 3727135

Ion	Ratio	Lower	Upper
117	100		
82	66.2	50.6	75.8
119	34.0	26.2	39.2

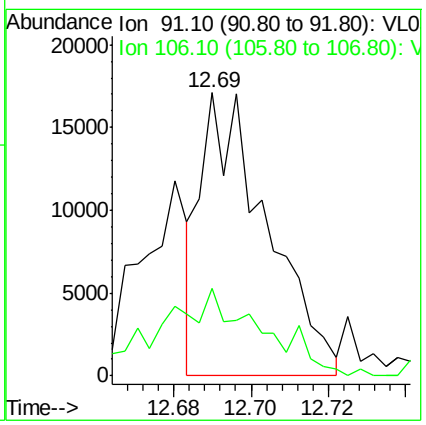


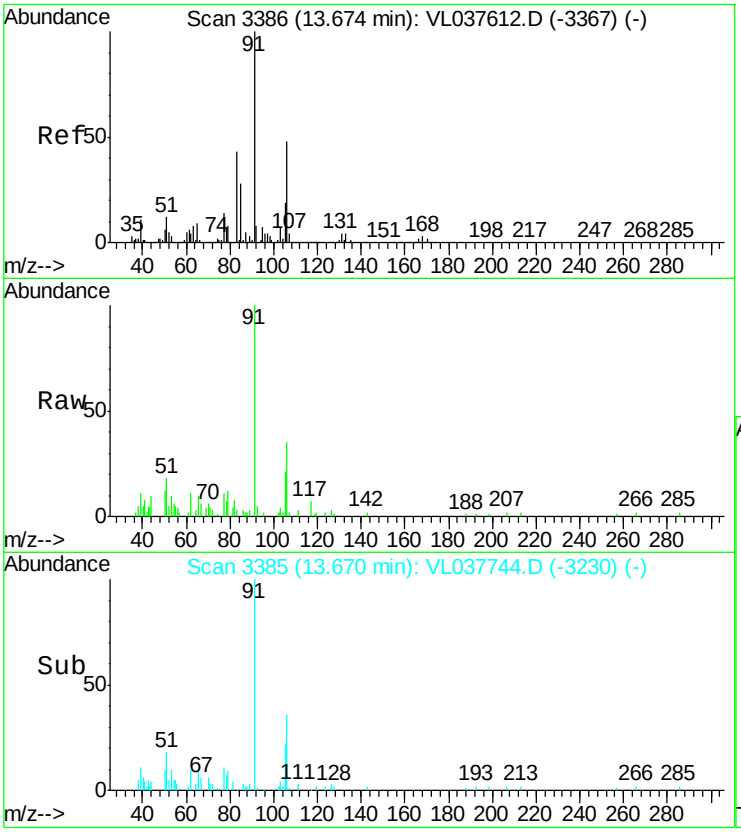


#58
Ethyl Benzene
Concen: 0.041 ppbv
RT: 12.69 min Scan# 3080
Delta R.T. -0.00 min
Lab File: VL037744.D
Acq: 1 Oct 2021 16:46

Tgt Ion: 91 Resp: 20197

Ion	Ratio	Lower	Upper
91	100		
106	30.1	25.3	37.9



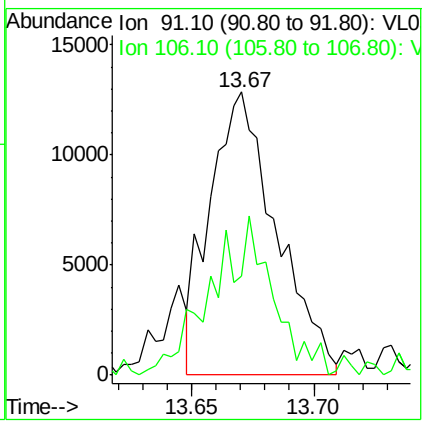


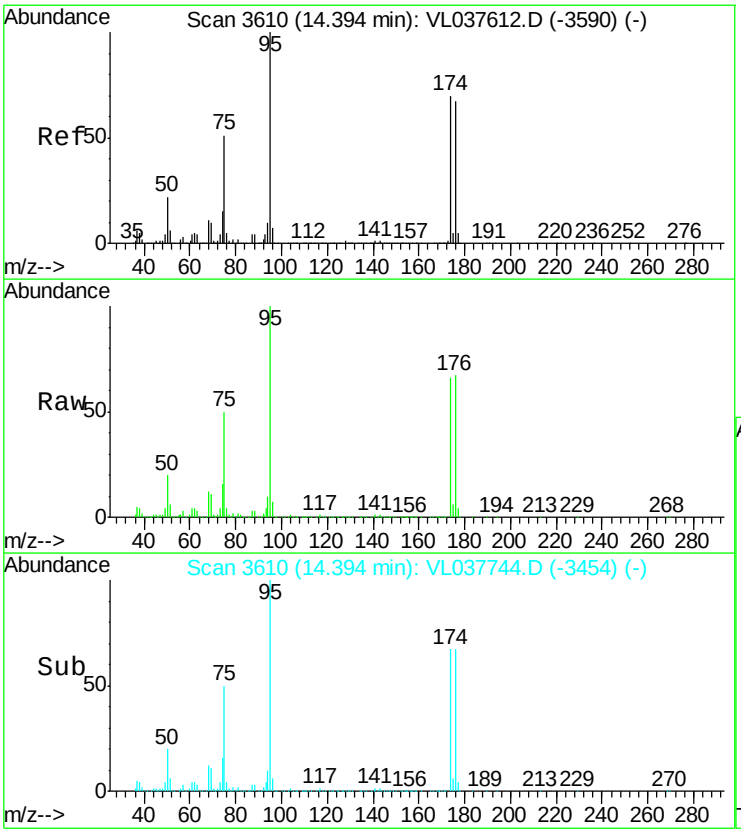
#60
o-Xylene
Concen: 0.059 ppbv
RT: 13.67 min Scan# 3385
Delta R.T. -0.00 min
Lab File: VL037744.D
Acq: 1 Oct 2021 16:46

Instrument : MSVOA_L
ClientSampleId : C0P22

Tgt Ion: 91 Resp: 24393

Ion	Ratio	Lower	Upper
91	100		
106	54.1	23.0	69.0





#68
1-Bromo-4-Fluorobenzene
Concen: 9.959 ppbv
RT: 14.39 min Scan# 3610
Delta R.T. -0.00 min
Lab File: VL037744.D
Acq: 1 Oct 2021 16:46

Tgt Ion: 95 Resp: 2682640

Ion	Ratio	Lower	Upper
95	100		
174	74.3	56.3	84.5
175	5.7	4.4	6.6