Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121020\
Data File : VL036157.D
Acq On : 11 Dec 2020 9:58
Operator : SY/AP
Sample : L4930-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OFFSITE-SG-1

Quant Time: Dec 11 10:54:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Dec 07 16:56:49 2020
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1269777	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.16	114	2448100	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.07	117	2178060	10.00	ppbv	-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	1854678	10.72	ppbv	-0.05
Spiked Amount 10.000	Range 65 - 135		Recovery = 107.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.03	85	24340	0.164	ppbv	92
3) Chlorodifluoromethane	2.97	51	70483	0.487	ppbv #	86
4) Chloromethane	3.12	50	13289	0.187	ppbv	100
9) Propene	3.00	41	33315	0.459	ppbv #	14
11) Trichlorofluoromethane	3.93	101	41720	0.240	ppbv	86
12) 1,1,2-Trichlorotrifluoroet	4.47	101	7061	0.060	ppbv	96
13) Ethanol	3.59	45	42938	4.292	ppbv #	29
15) Acetone	3.84	43	483894	3.171	ppbv	95
16) 1,3-Butadiene	3.32	39	4630	0.060	ppbv #	11
19) Isopropyl Alcohol	3.98	45	44197	0.474	ppbv #	100
20) Methylene Chloride	4.33	84	364419	5.827	ppbv	99
25) Ethyl Acetate	5.67	43	117709	0.386	ppbv #	83
26) Hexane	5.67	57	279436	2.037	ppbv #	41
34) 2-Butanone	5.24	43	22108	0.136	ppbv #	56
35) Carbon Tetrachloride	7.00	117	6545	0.046	ppbv #	87
36) Benzene	6.88	78	24667	0.119	ppbv	93
39) 1,2-Dichloropropane	7.21	63	18311	0.223	ppbv #	32
44) 2,2,4-Trimethylpentane	7.85	57	19476	0.052	ppbv #	1
53) Toluene	9.79	91	168888	0.725	ppbv #	19
58) Ethyl Benzene	12.69	91	13989	0.047	ppbv	92
59) m/p-Xylene	12.98	91	16108	0.064	ppbv #	34

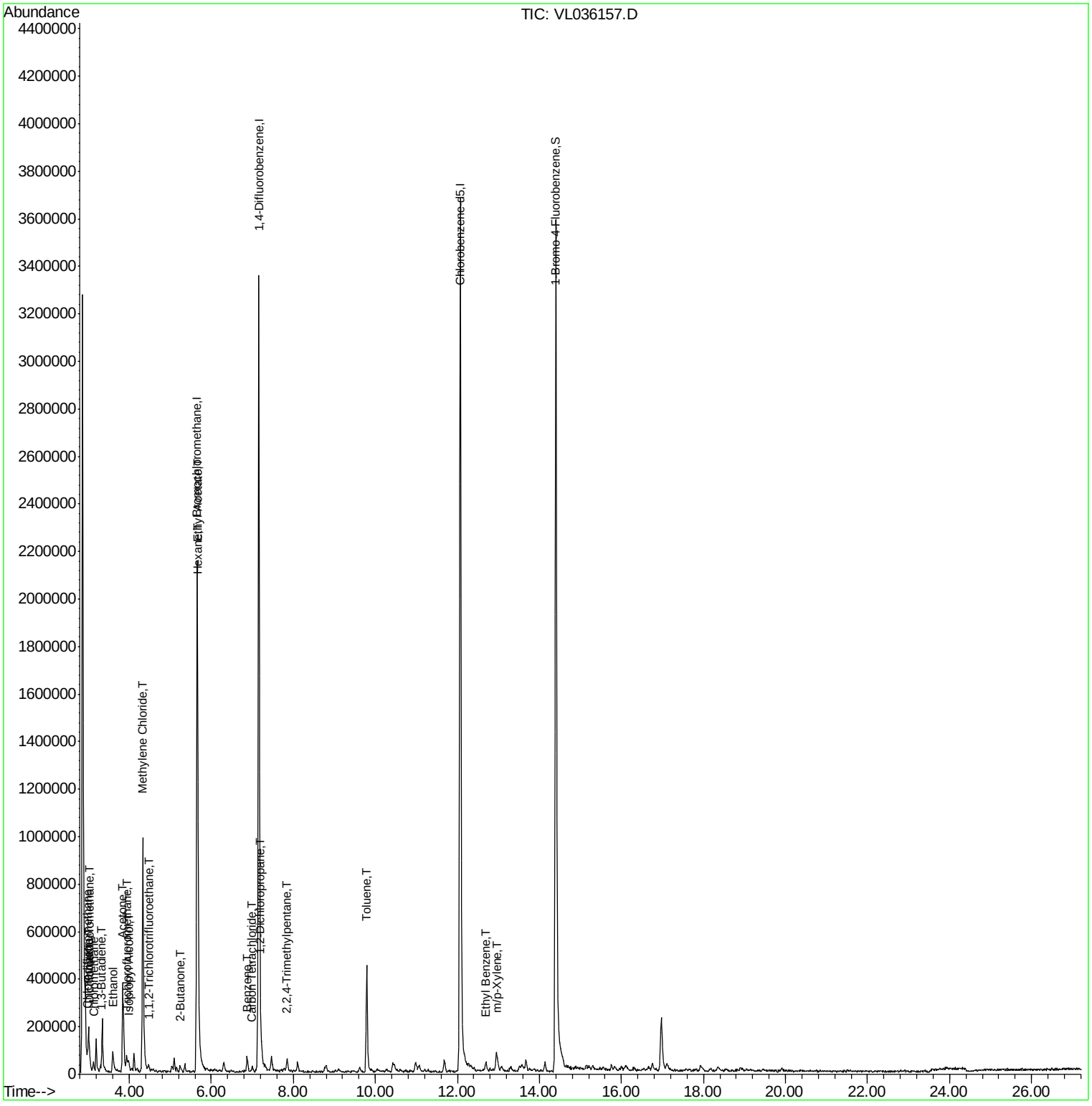
(#) = qualifier out of range (m) = manual integration (+) = signals summed

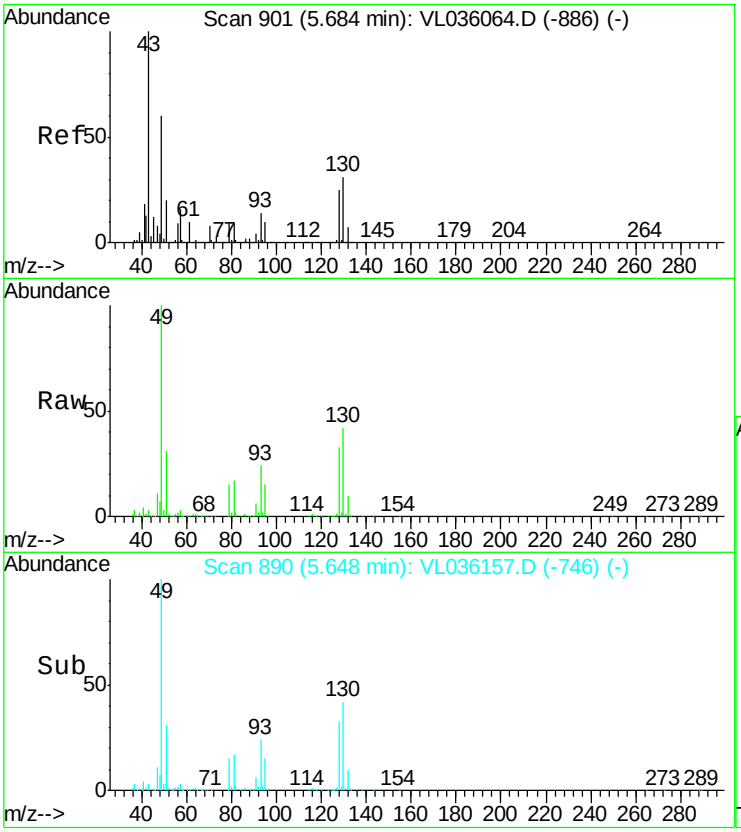
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121020\
Data File : VL036157.D
Acq On : 11 Dec 2020 9:58
Operator : SY/AP
Sample : L4930-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OFFSITE-SG-1

Quant Time: Dec 11 10:54:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Dec 07 16:56:49 2020
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration



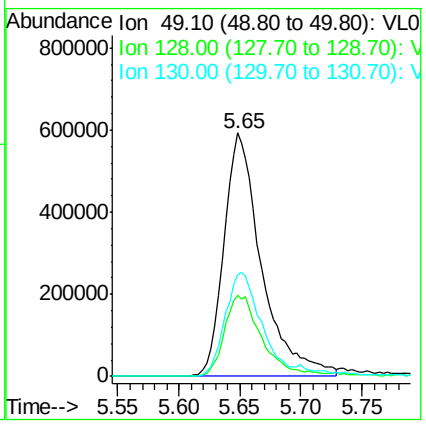


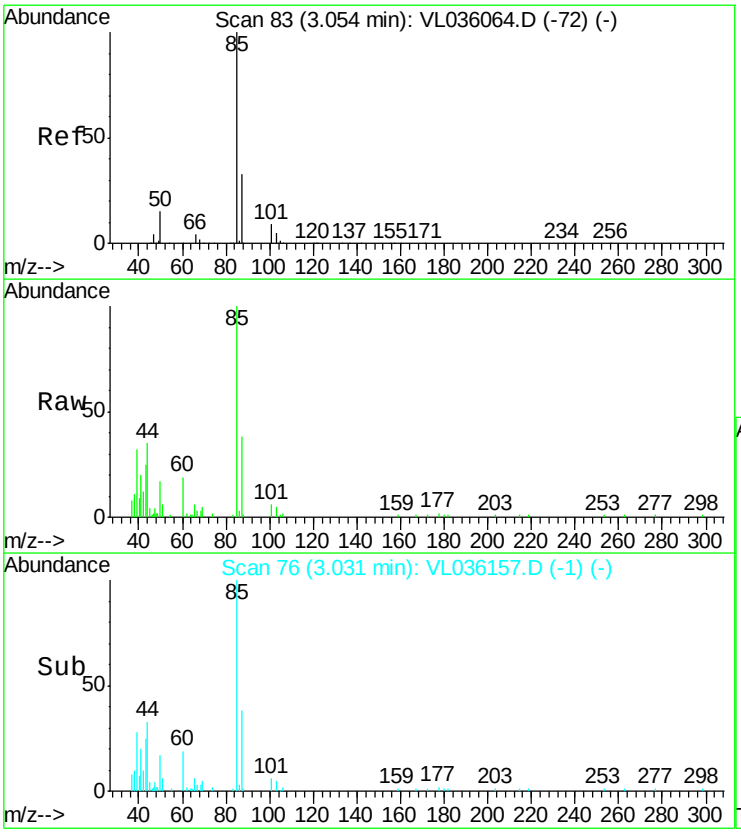
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 890
Delta R.T. -0.04 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

Instrument :
MSVOA_X
ClientSampleId :
OFFSITE-SG-1

Tgt Ion: 49 Resp: 1269777

Ion	Ratio	Lower	Upper
49	100		
128	34.5	21.1	63.1
130	45.3	27.1	81.3

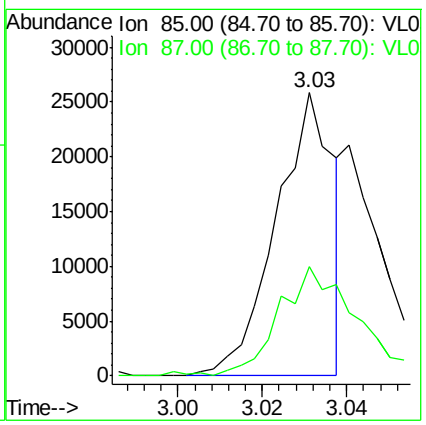


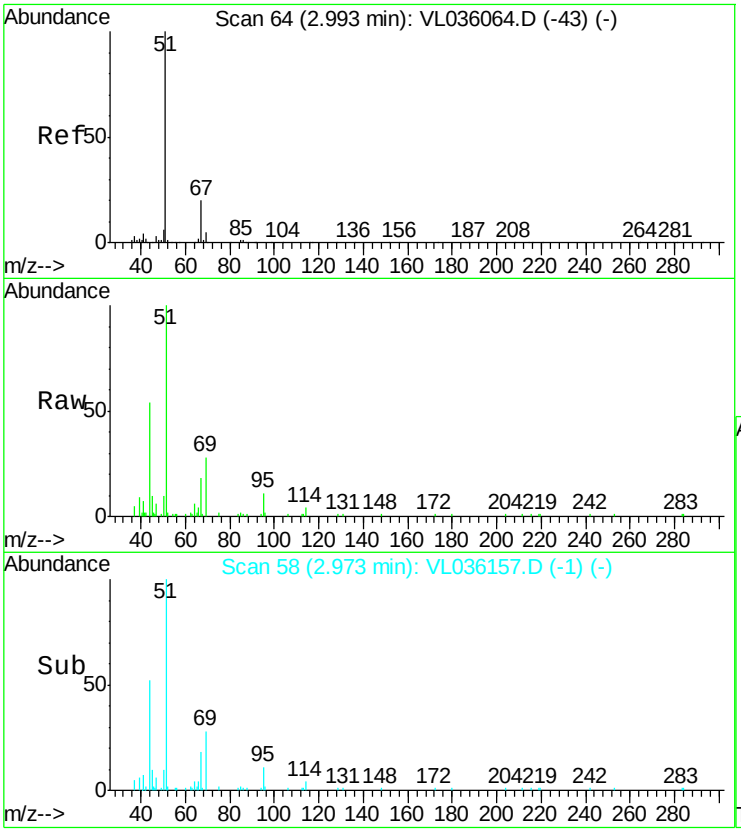


#2
Dichlorodifluoromethane
Concen: 0.164 ppbv
RT: 3.03 min Scan# 76
Delta R.T. -0.02 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

Tgt Ion: 85 Resp: 24340

Ion	Ratio	Lower	Upper
85	100		
87	37.8	26.5	39.7



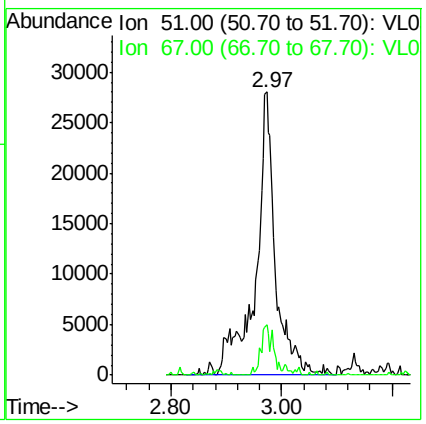


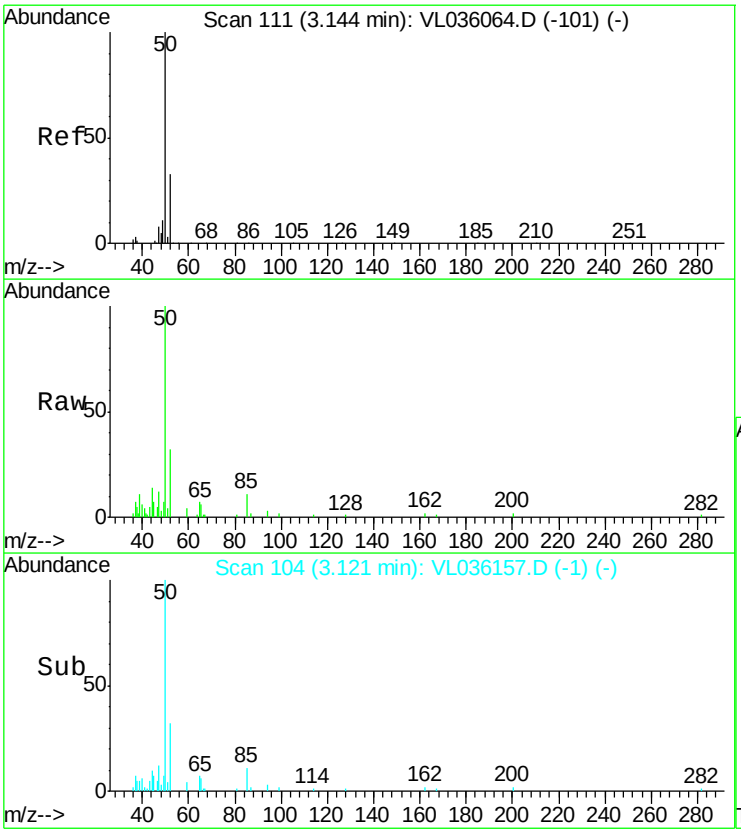
#3
Chlorodifluoromethane
Concen: 0.487 ppbv
RT: 2.97 min Scan# 58
Delta R.T. -0.02 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

Instrument :
MSVOA_X
ClientSampleId :
OFFSITE-SG-1

Tgt Ion: 51 Resp: 70483

Ion	Ratio	Lower	Upper
51	100		
67	11.8	14.3	21.5#

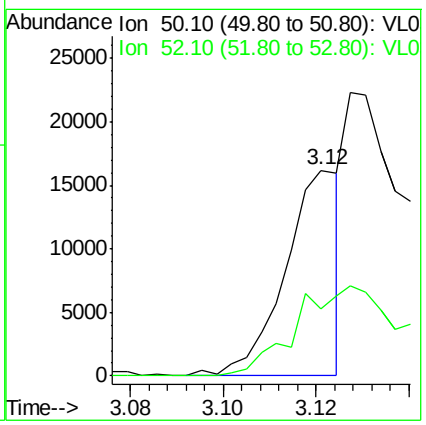


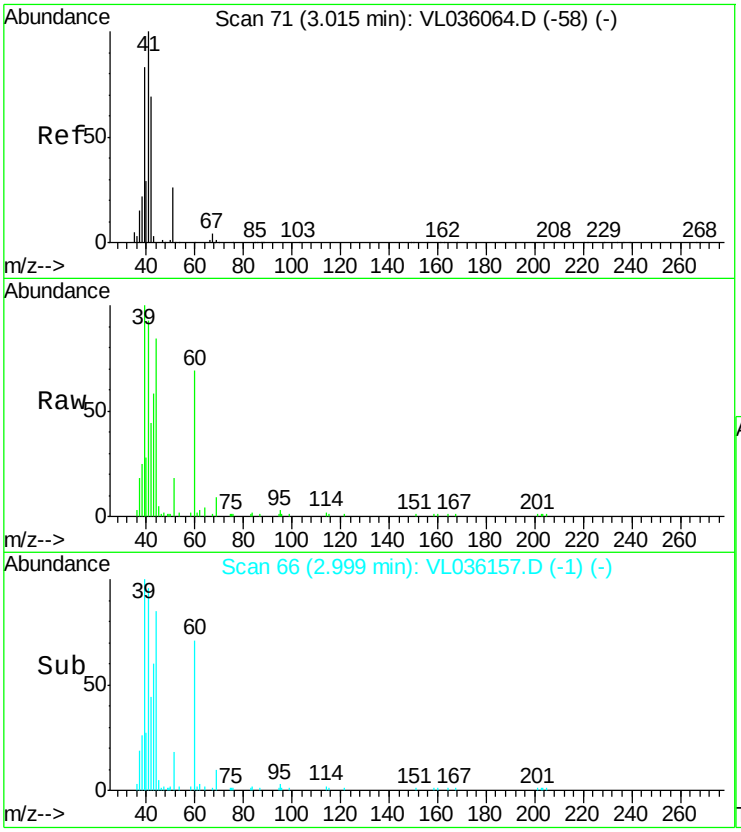


#4
Chloromethane
Concen: 0.187 ppbv
RT: 3.12 min Scan# 104
Delta R.T. -0.02 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

Tgt Ion: 50 Resp: 13289

Ion	Ratio	Lower	Upper
50	100		
52	32.4	26.1	39.1



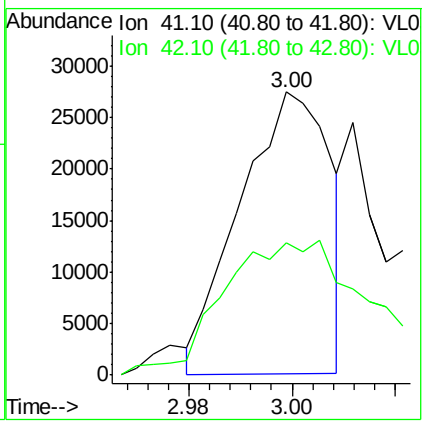


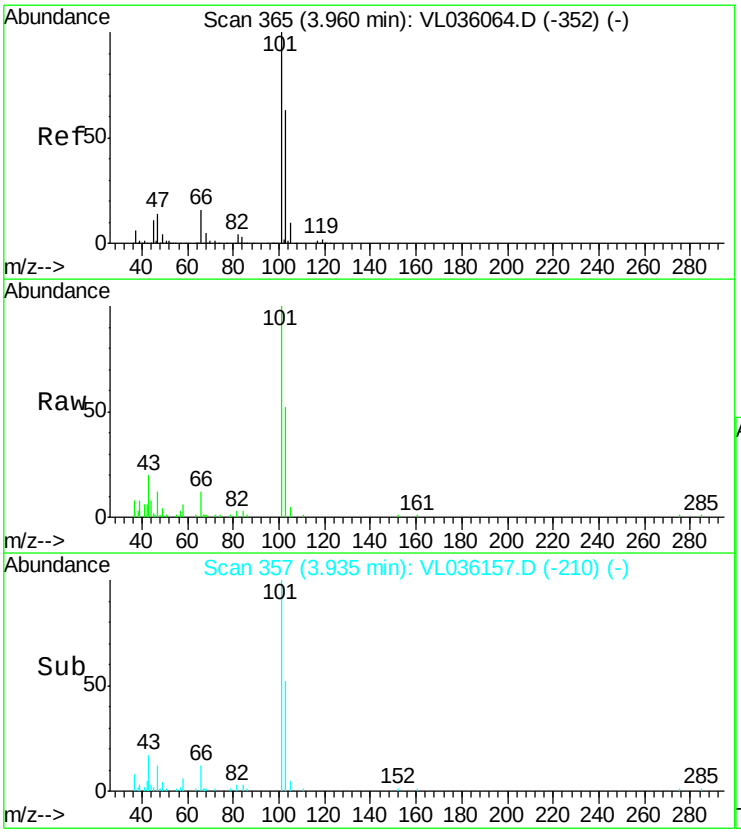
#9
Propene
Concen: 0.459 ppbv
RT: 3.00 min Scan# 66
Delta R.T. -0.02 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

Instrument :
MSVOA_X
ClientSampleId :
OFFSITE-SG-1

Tgt Ion: 41 Resp: 33315

Ion	Ratio	Lower	Upper
41	100		
42	0.0	57.0	85.6#

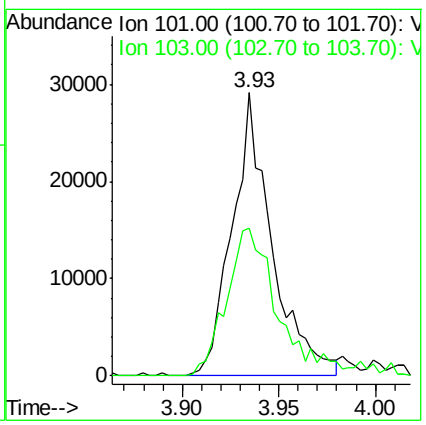


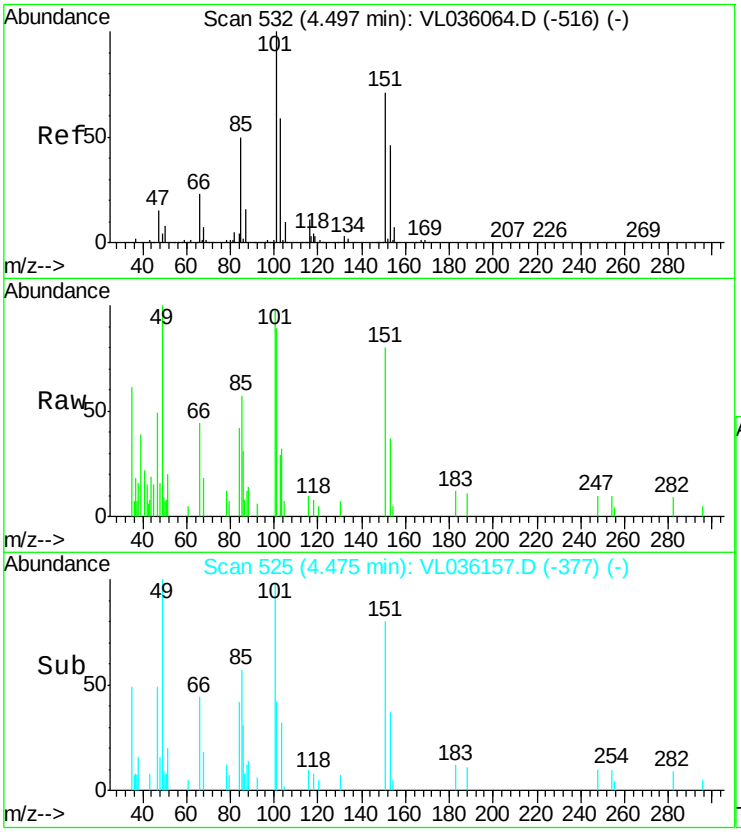


#11
Trichlorofluoromethane
Concen: 0.240 ppbv
RT: 3.93 min Scan# 357
Delta R.T. -0.03 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

Tgt Ion:101 Resp: 41720

Ion	Ratio	Lower	Upper
101	100		
103	52.1	50.3	75.5



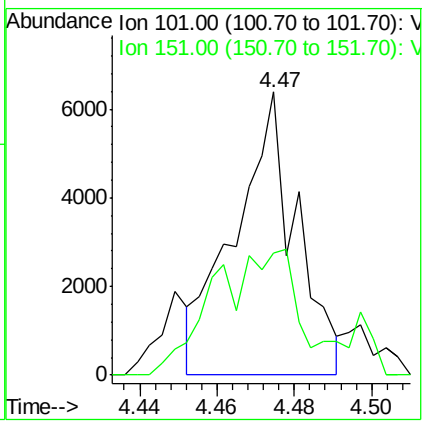


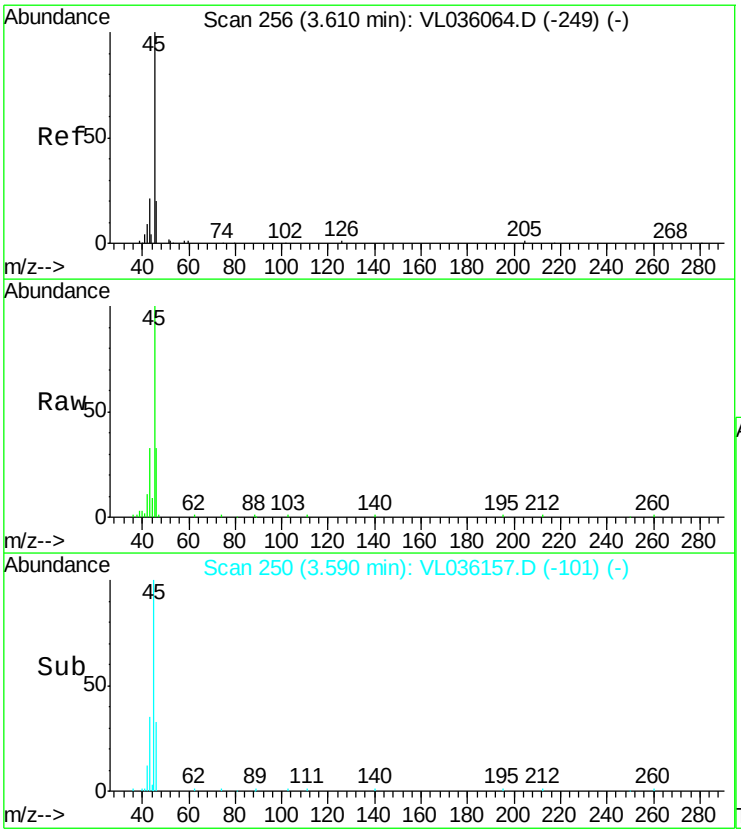
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.060 ppbv
RT: 4.47 min Scan# 525
Delta R.T. -0.02 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

Instrument :
MSVOA_X
ClientSampleId :
OFFSITE-SG-1

Tgt Ion:101 Resp: 7061

Ion	Ratio	Lower	Upper
101	100		
151	70.7	59.3	88.9

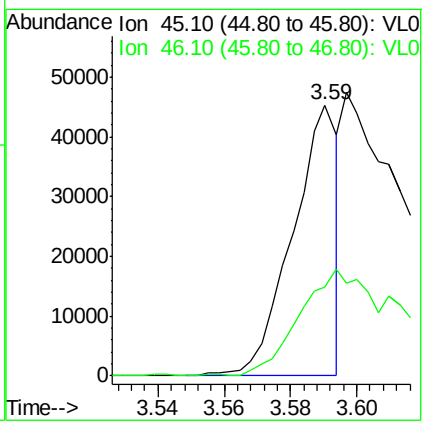


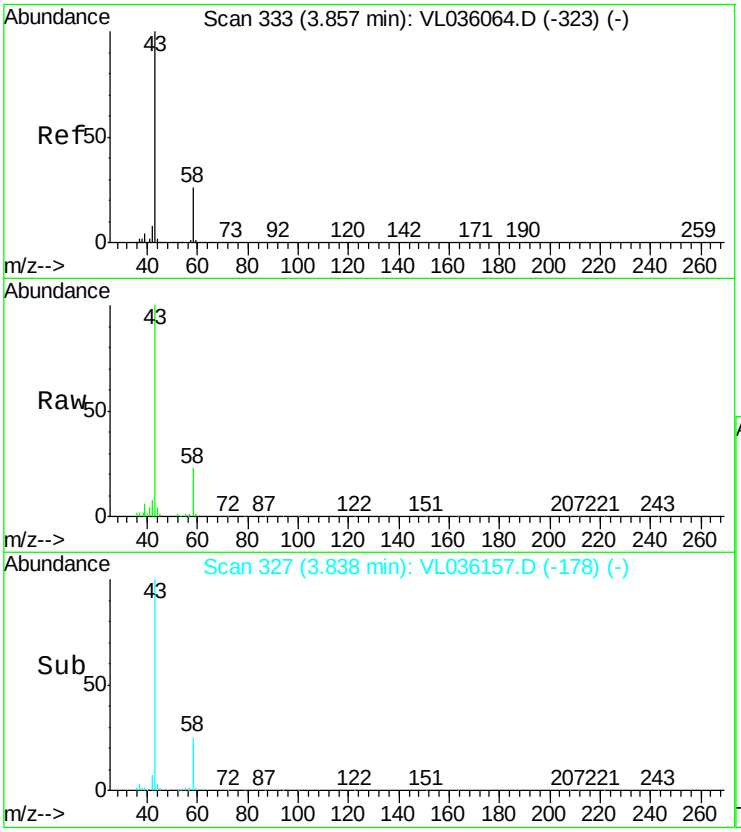


#13
Ethanol
Concen: 4.292 ppbv
RT: 3.59 min Scan# 250
Delta R.T. -0.02 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

Tgt Ion: 45 Resp: 42938

Ion	Ratio	Lower	Upper
45	100		
46	0.0	19.0	75.8#



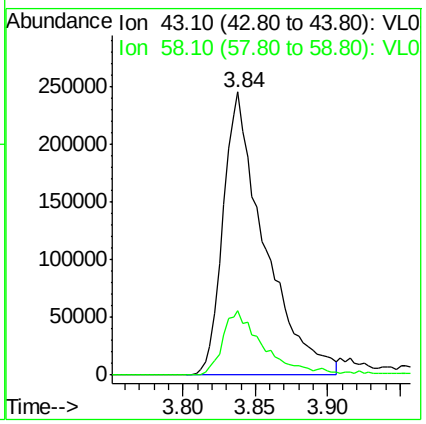


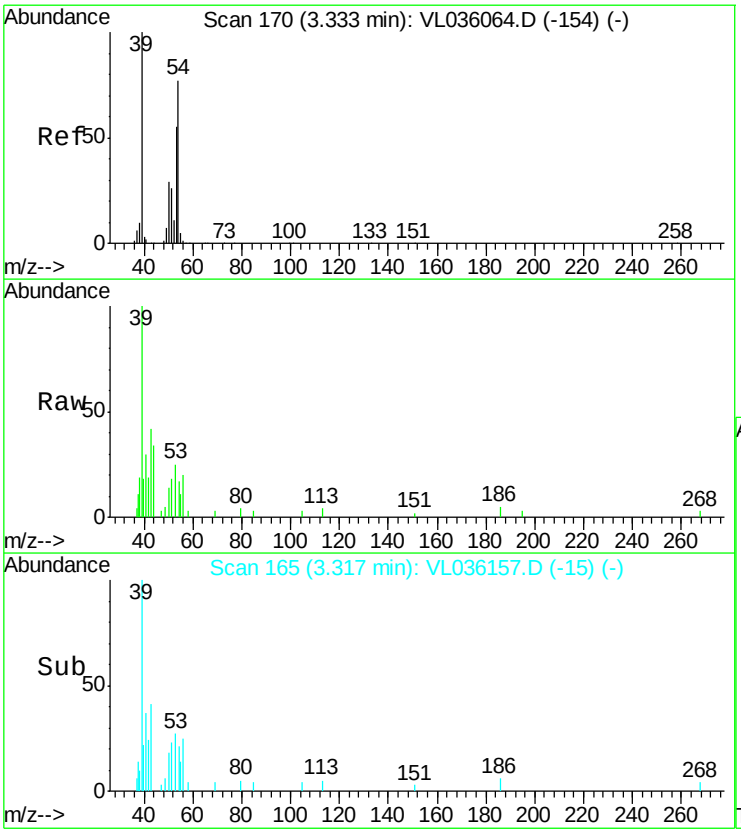
#15
Acetone
Concen: 3.171 ppbv
RT: 3.84 min Scan# 327
Delta R.T. -0.02 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

Instrument : MSVOA_X
ClientSampleId : OFFSITE-SG-1

Tgt Ion: 43 Resp: 483894

Ion	Ratio	Lower	Upper
43	100		
58	23.6	20.9	31.3

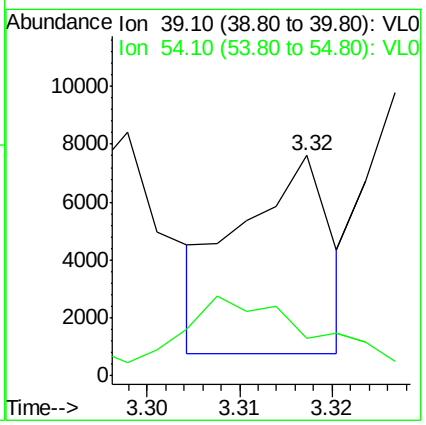


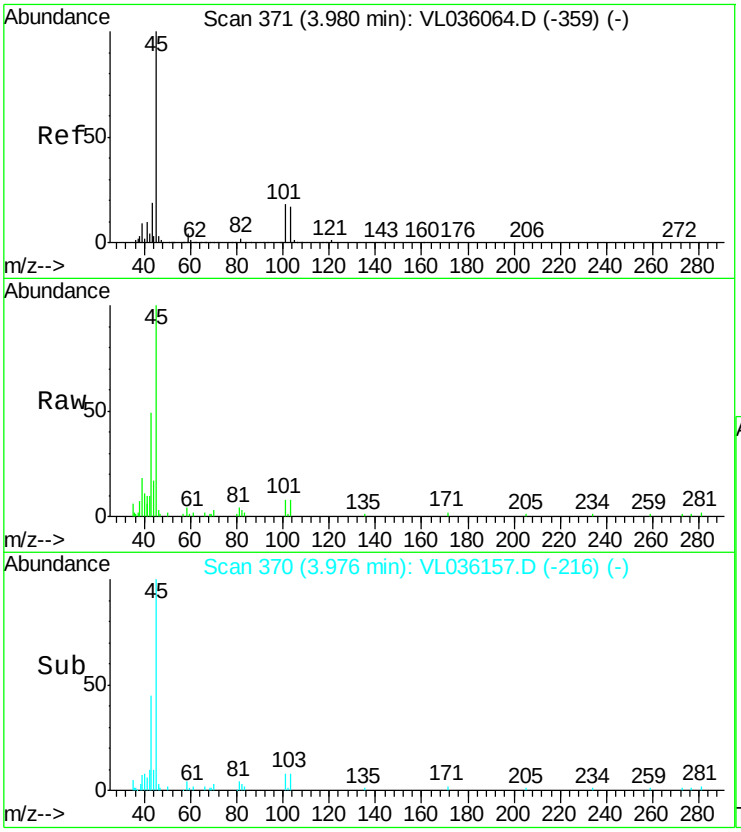


#16
1,3-Butadiene
Concen: 0.060 ppbv
RT: 3.32 min Scan# 165
Delta R.T. -0.02 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

Tgt Ion: 39 Resp: 4630

Ion	Ratio	Lower	Upper
39	100		
54	0.0	62.1	93.1#



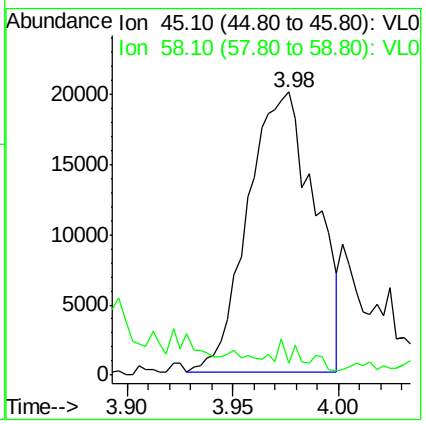


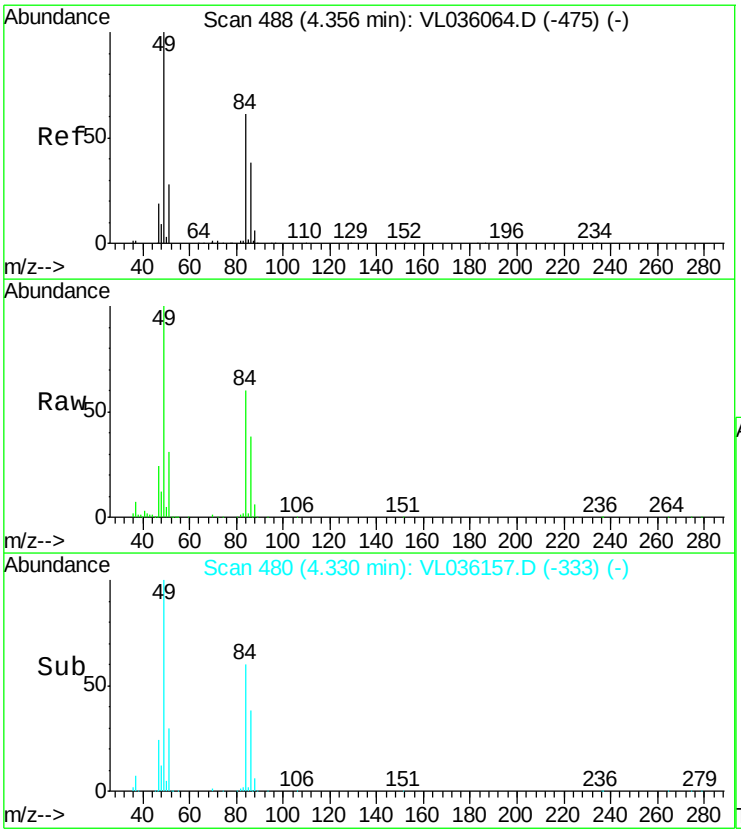
#19
Isopropyl Alcohol
Concen: 0.474 ppbv
RT: 3.98 min Scan# 370
Delta R.T. -0.00 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

Instrument :
MSVOA_X
ClientSampleId :
OFFSITE-SG-1

Tgt Ion: 45 Resp: 44197

Ion	Ratio	Lower	Upper
45	100		
58	0.0	0.0	0.0

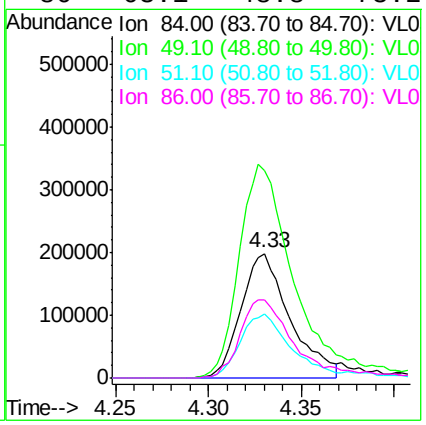


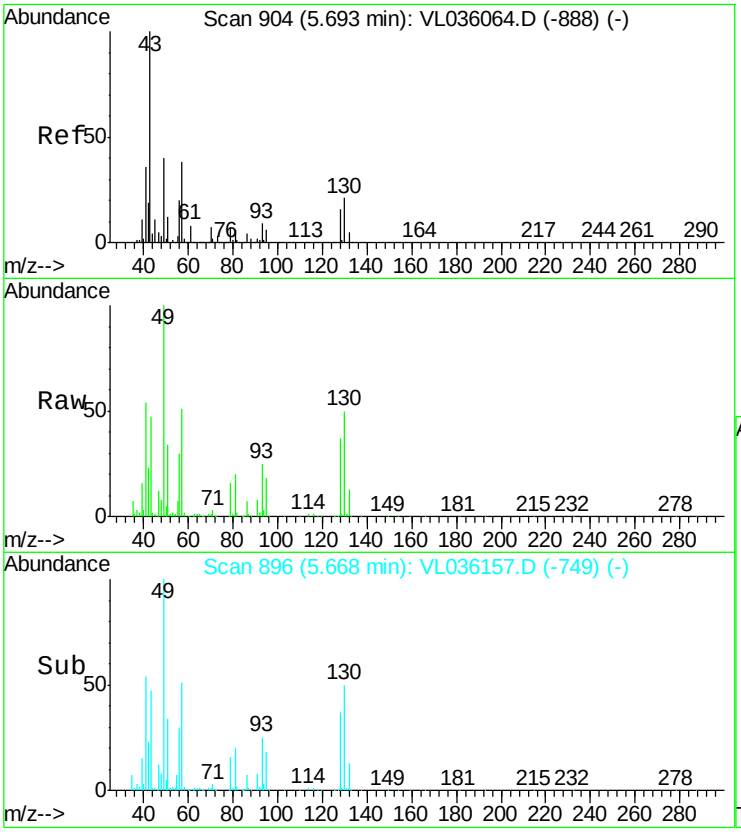


#20
Methylene Chloride
Concen: 5.827 ppbv
RT: 4.33 min Scan# 480
Delta R.T. -0.03 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

Tgt Ion: 84 Resp: 364419

Ion	Ratio	Lower	Upper
84	100		
49	166.1	133.0	199.4
51	51.0	38.9	58.3
86	63.1	48.8	73.2



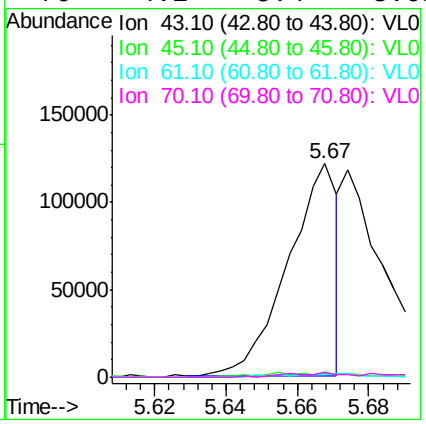


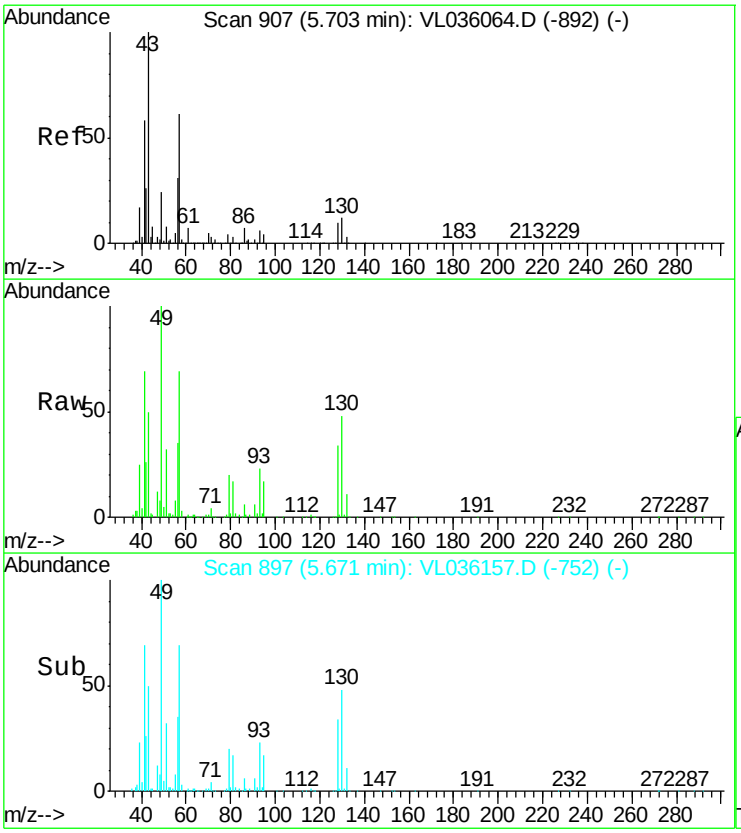
#25
Ethyl Acetate
Concen: 0.386 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.03 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

Instrument :
MSVOA_X
ClientSampleId :
OFFSITE-SG-1

Tgt Ion: 43 Resp: 117709

Ion	Ratio	Lower	Upper
43	100		
45	4.2	8.2	12.4#
61	0.2	7.4	11.2#
70	4.2	5.4	8.0#

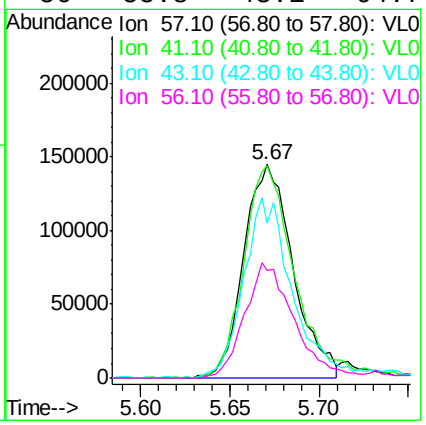


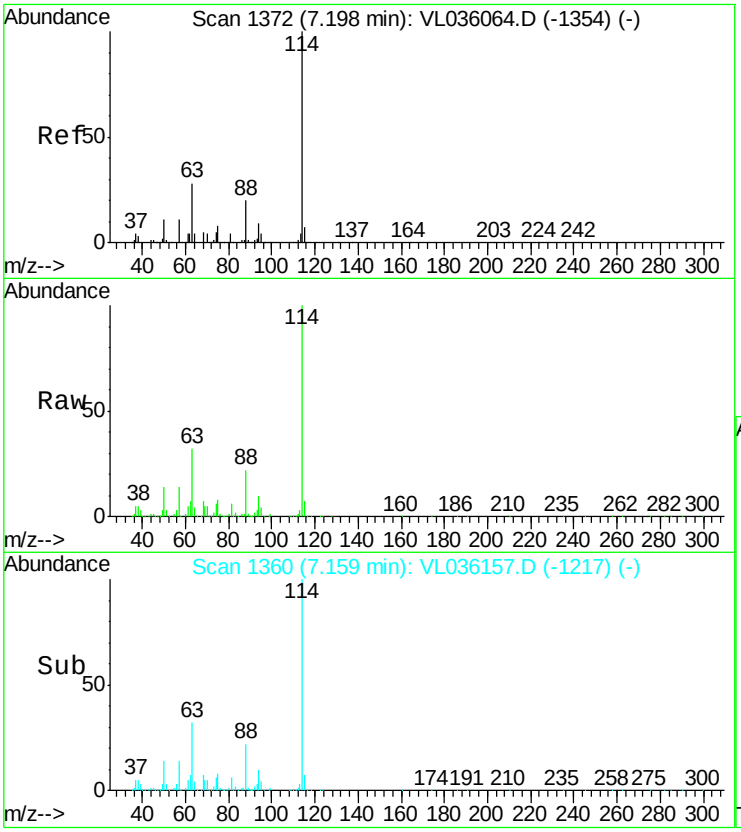


#26
Hexane
Concen: 2.037 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.03 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

Tgt Ion: 57 Resp: 279436

Ion	Ratio	Lower	Upper
57	100		
41	105.5	82.9	124.3
43	85.7	199.9	299.9#
56	55.8	43.1	64.7



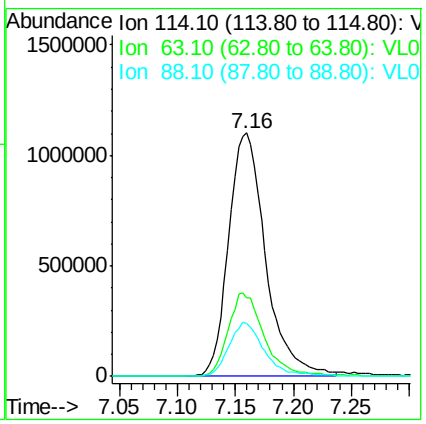


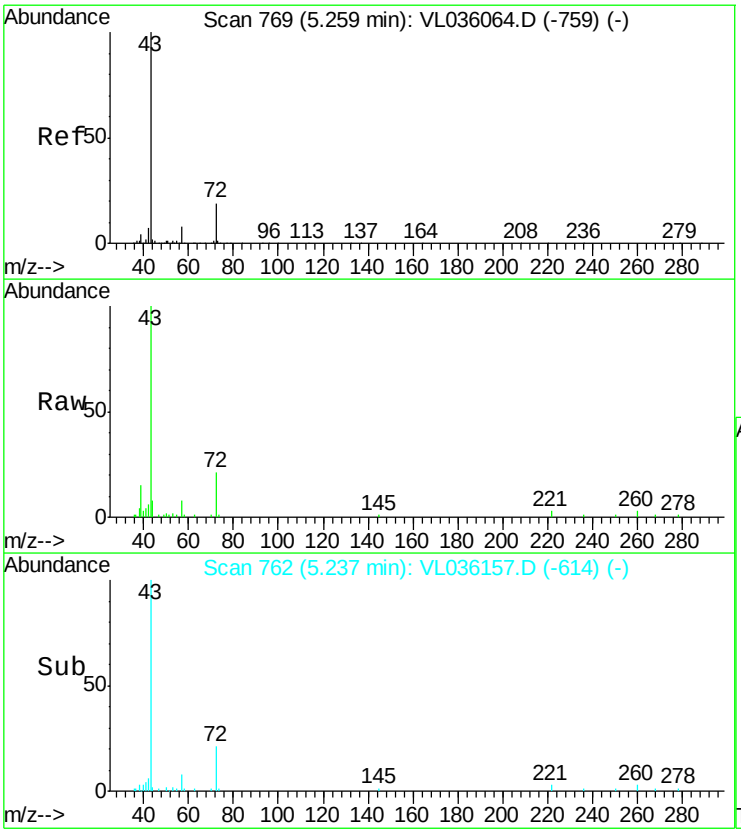
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.04 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

Instrument :
MSVOA_X
ClientSampleId :
OFFSITE-SG-1

Tgt Ion:114 Resp: 2448100

Ion	Ratio	Lower	Upper
114	100		
63	33.6	23.6	35.4
88	21.6	15.8	23.6

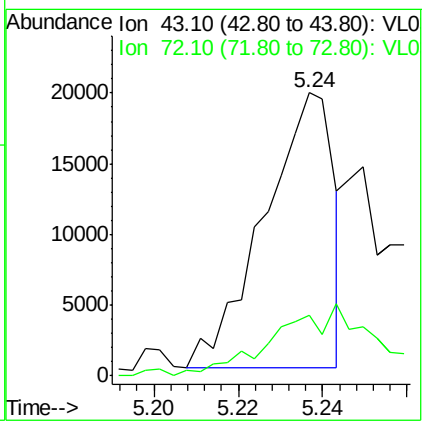


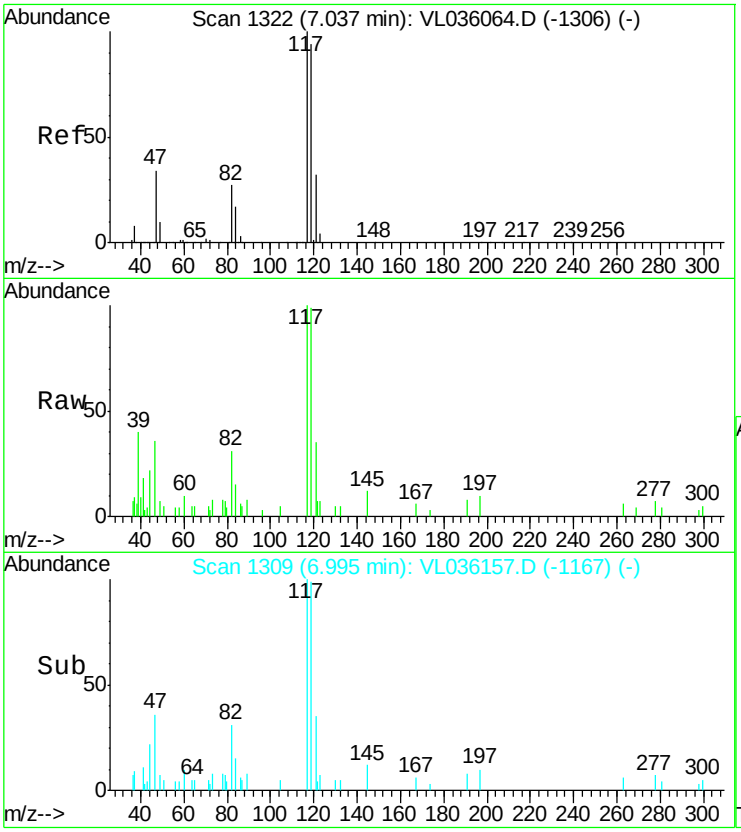


#34
2-Butanone
Concen: 0.136 ppbv
RT: 5.24 min Scan# 762
Delta R.T. -0.02 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

Tgt Ion: 43 Resp: 22108

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.5	24.7#



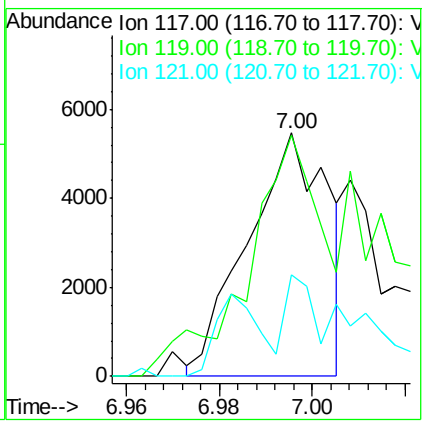


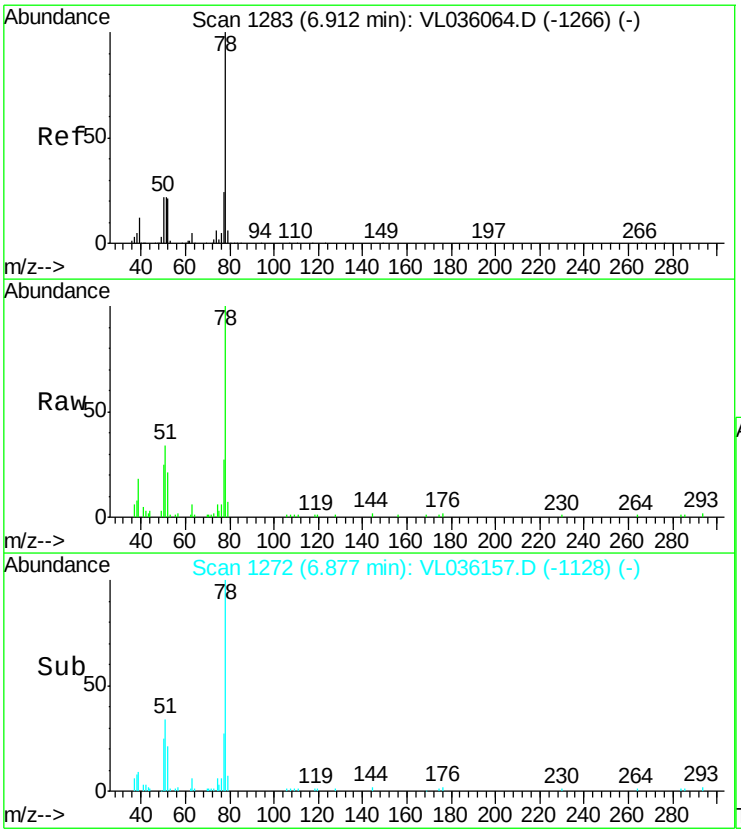
#35
Carbon Tetrachloride
Concen: 0.046 ppbv
RT: 7.00 min Scan# 1309
Delta R.T. -0.04 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

Instrument :
MSVOA_X
ClientSampleId :
OFFSITE-SG-1

Tgt Ion:117 Resp: 6545

Ion	Ratio	Lower	Upper
117	100		
119	83.7	75.1	112.7
121	43.6	25.6	38.4#

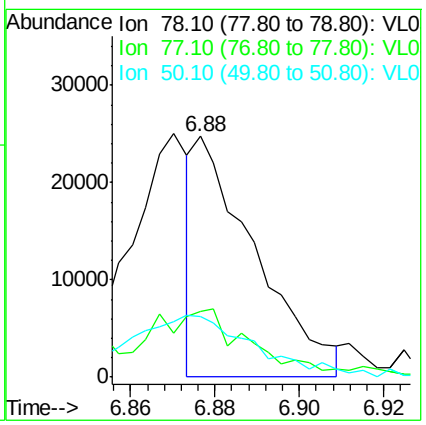


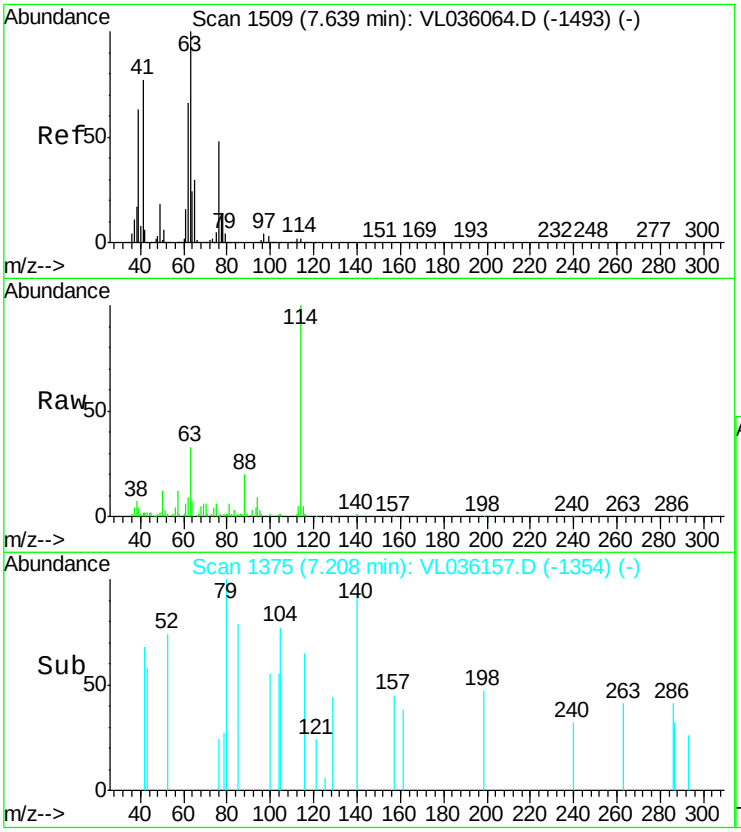


#36
Benzene
Concen: 0.119 ppbv
RT: 6.88 min Scan# 1272
Delta R.T. -0.04 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

Tgt Ion: 78 Resp: 24667

Ion	Ratio	Lower	Upper
78	100		
77	27.8	19.4	29.2
50	25.3	17.8	26.8



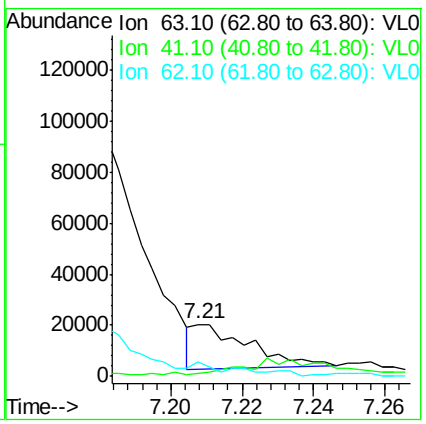


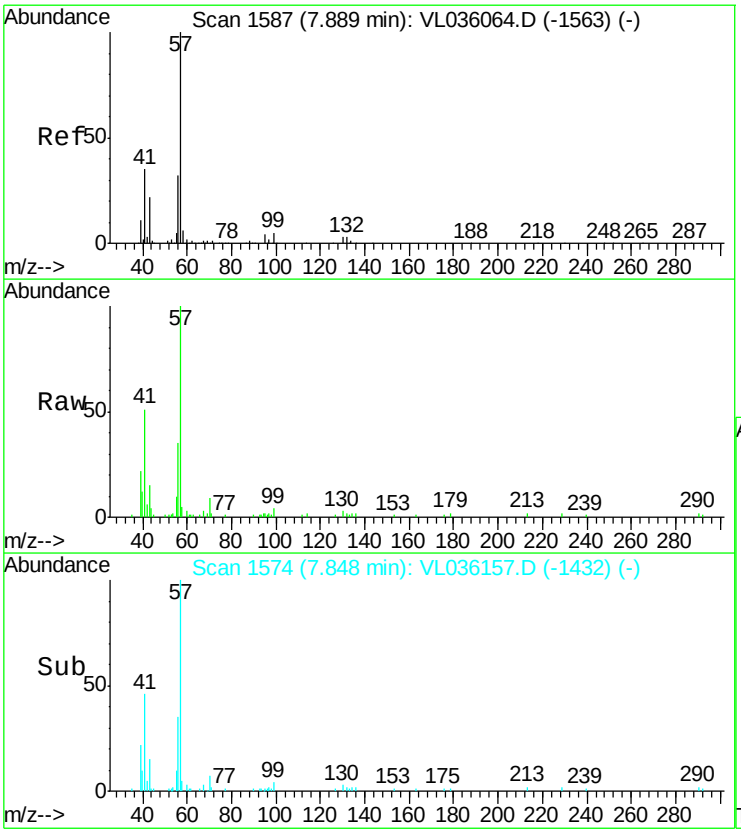
#39
1,2-Dichloropropane
Concen: 0.223 ppbv
RT: 7.21 min Scan# 1375
Delta R.T. -0.43 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

Instrument : MSVOA_X
ClientSampleId : OFFSITE-SG-1

Tgt Ion: 63 Resp: 18311

Ion	Ratio	Lower	Upper
63	100		
41	1.9	61.9	92.9#
62	28.9	52.5	78.7#

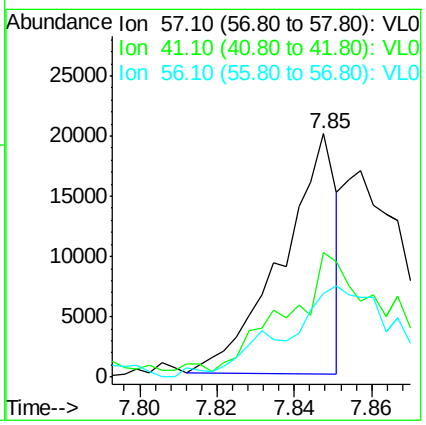


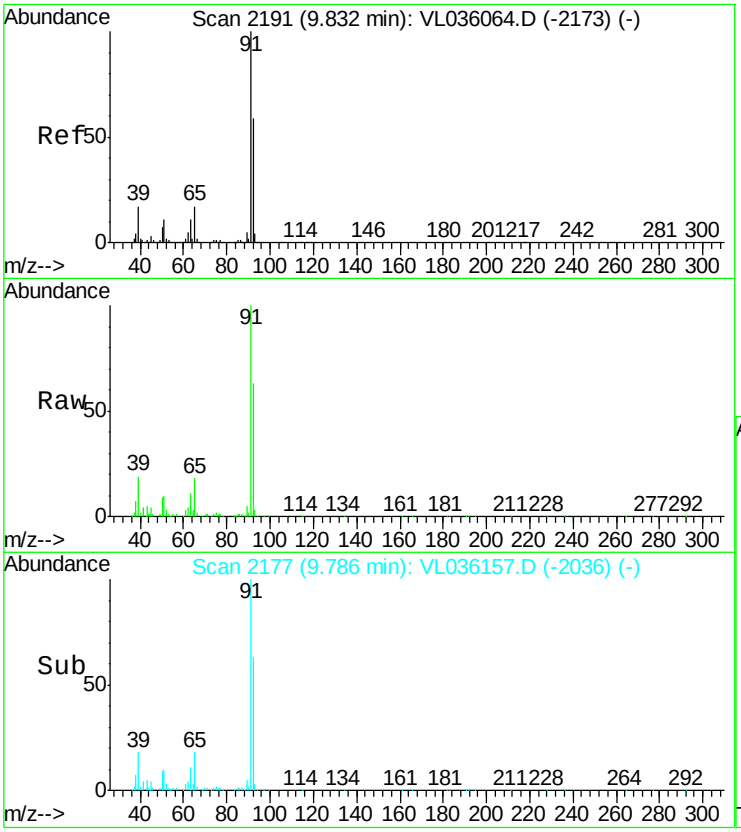


#44
2,2,4-Trimethylpentane
Concen: 0.052 ppbv
RT: 7.85 min Scan# 1574
Delta R.T. -0.04 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

Tgt Ion: 57 Resp: 19476

Ion	Ratio	Lower	Upper
57	100		
41	101.8	28.9	43.3#
56	90.7	25.3	37.9#



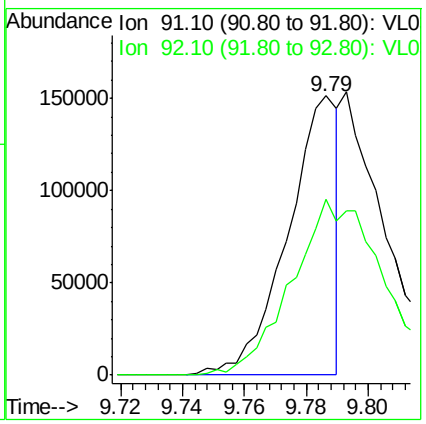


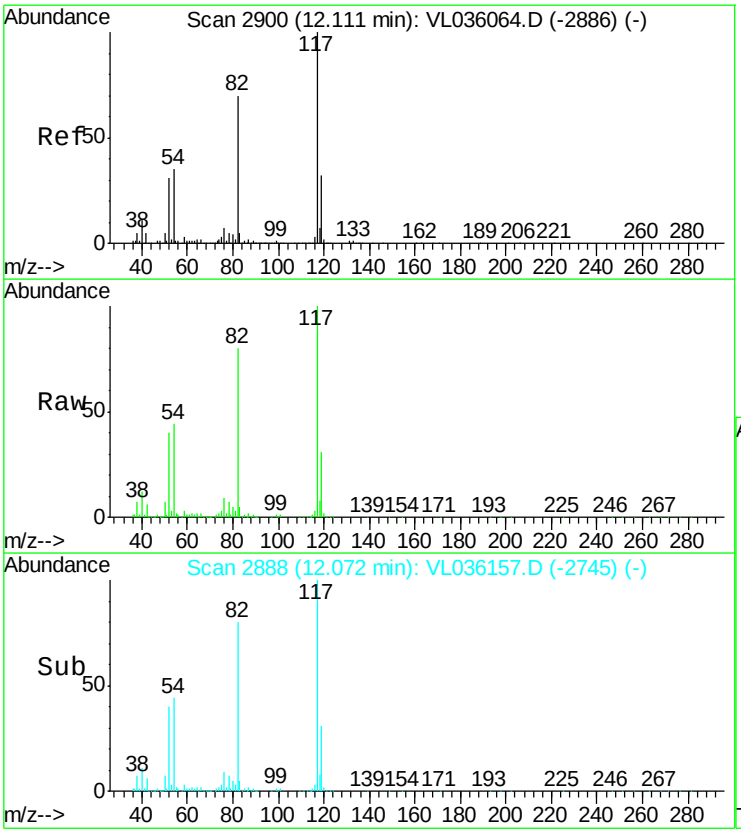
#53
Toluene
Concen: 0.725 ppbv
RT: 9.79 min Scan# 2177
Delta R.T. -0.05 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

Instrument :
MSVOA_X
ClientSampleId :
OFFSITE-SG-1

Tgt Ion: 91 Resp: 168888

Ion	Ratio	Lower	Upper
91	100		
92	121.6	48.2	72.2#

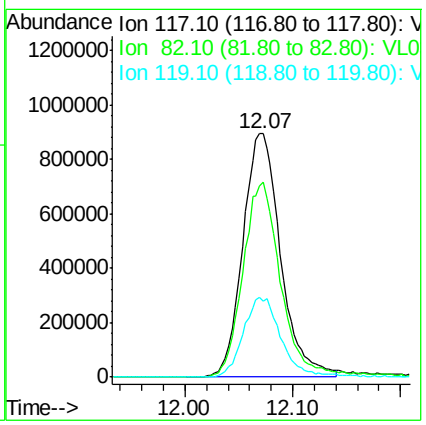


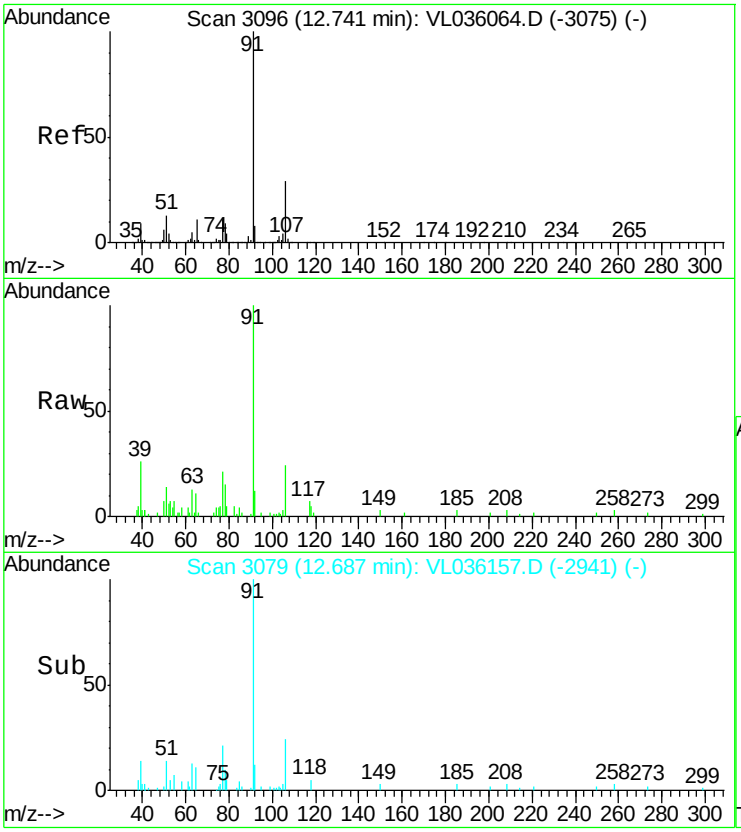


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2888
Delta R.T. -0.04 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

Tgt Ion:117 Resp: 2178060

Ion	Ratio	Lower	Upper
117	100		
82	81.0	0.0	0.0#
119	32.6	0.0	0.0#



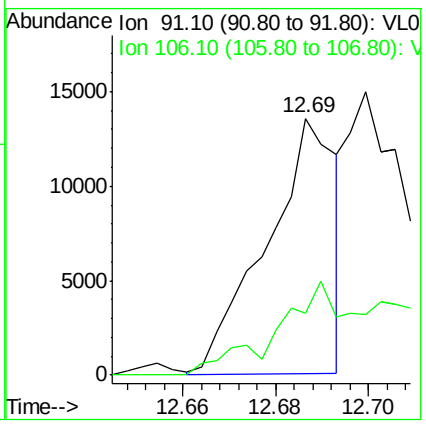


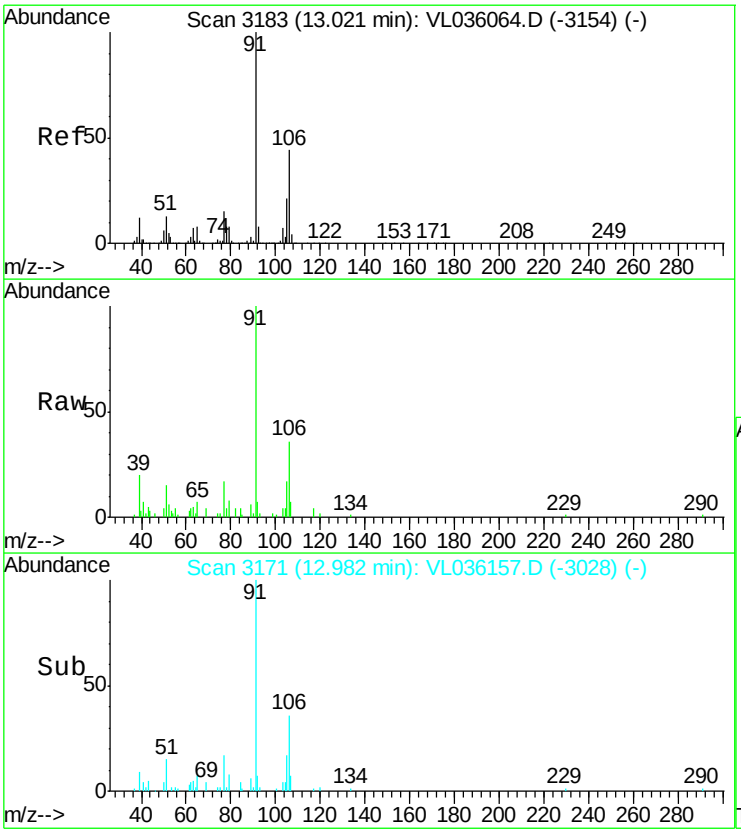
#58
Ethyl Benzene
Concen: 0.047 ppbv
RT: 12.69 min Scan# 3079
Delta R.T. -0.05 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

Instrument :
MSVOA_X
ClientSampleId :
OFFSITE-SG-1

Tgt Ion: 91 Resp: 13989

Ion	Ratio	Lower	Upper
91	100		
106	24.6	23.0	34.4

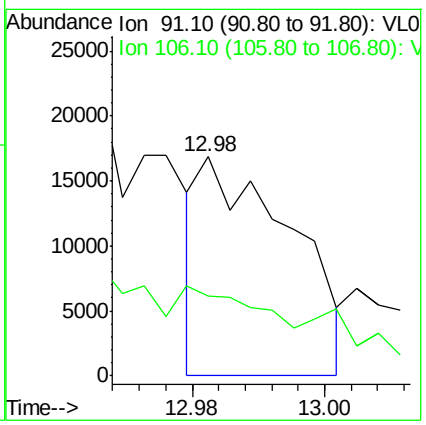


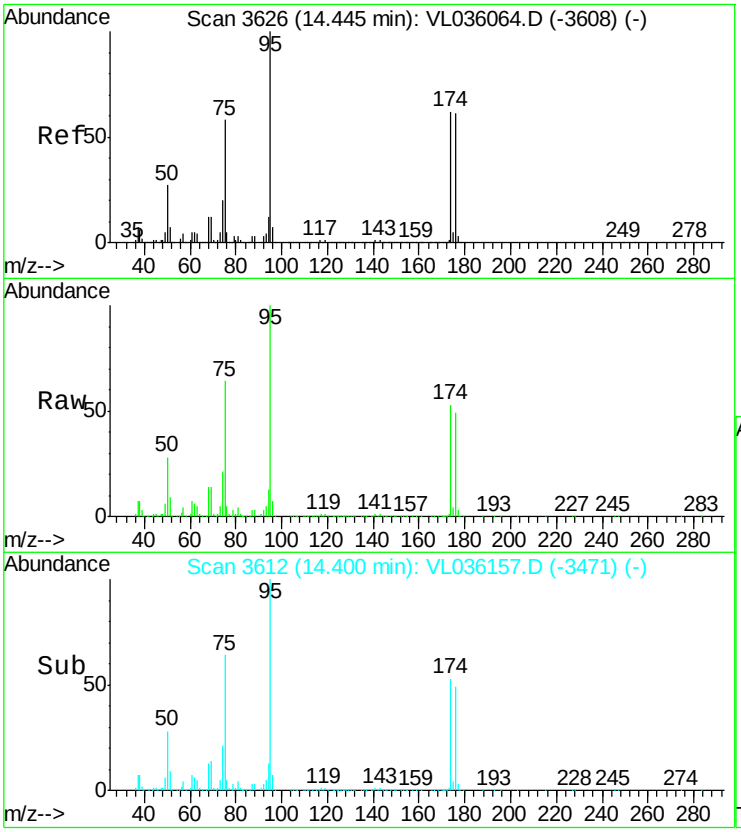


#59
m/p-Xylene
Concen: 0.064 ppbv
RT: 12.98 min Scan# 3171
Delta R.T. -0.04 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

Tgt Ion: 91 Resp: 16108

Ion	Ratio	Lower	Upper
91	100		
106	0.0	33.6	50.4#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.724 ppbv
RT: 14.40 min Scan# 3612
Delta R.T. -0.05 min
Lab File: VL036157.D
Acq: 11 Dec 2020 9:58

Instrument :
MSVOA_X
ClientSampleId :
OFFSITE-SG-1

Tgt Ion: 95 Resp: 1854678

Ion	Ratio	Lower	Upper
95	100		
174	56.0	50.7	76.1
175	3.8	4.0	6.0#