Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL041918\
Data File : VL031888.D
Acq On : 19 Apr 2018 21:35
Operator : SY/AP
Sample : J2133-15 0.1 PPBV
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT2-2018

Quant Time: Apr 20 08:01:30 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL041218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Apr 13 16:50:02 2018
QLast Update : Fri Apr 13 16:50:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.89	49	1084151	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.42	114	2511367	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.39	117	2485498	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.72	95	2056692	10.29	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.16	85	32912	0.15	ppbv		100
3) Chlorodifluoromethane	3.10	51	18415	0.15	ppbv		92
4) Chloromethane	3.26	50	9800	0.15	ppbv	#	73
5) Vinyl Chloride	3.38	62	5881	0.08	ppbv	#	88
6) Bromomethane	3.61	94	4487	0.09	ppbv		97
7) Chloroethane	3.69	64	2134	0.07	ppbv	#	68
8) Dichlorotetrafluoroethane	3.31	85	25975	0.14	ppbv		98
9) Propene	3.13	41	4929	0.11	ppbv		92
10) Heptane	8.39	43	4318	0.03	ppbv	#	1
11) Trichlorofluoromethane	4.11	101	31550	0.14	ppbv		90
12) 1,1,2-Trichlorotrifluoroet	4.67	101	19281	0.14	ppbv		99
13) Ethanol	3.77	45	541	0.04	ppbv	#	38
14) Bromoethene	3.89	108	3493	0.07	ppbv	#	3
15) Acetone	4.04	43	33181	0.20	ppbv		93
16) 1,3-Butadiene	3.46	39	5653	0.09	ppbv	#	55
18) 1,1-Dichloroethene	4.46	96	3846	0.06	ppbv		96
20) Methylene Chloride	4.52	84	6724	0.11	ppbv	#	86
21) Allyl Chloride	4.59	41	4068	0.04	ppbv	#	1
22) trans-1,2-Dichloroethene	5.08	96	3559	0.06	ppbv		86
23) Vinyl Acetate	5.29	43	11679	0.07	ppbv	#	80
24) 1,1-Dichloroethane	5.21	63	19108	0.11	ppbv	#	81
25) Ethyl Acetate	5.90	43	20935	0.08	ppbv	#	85
26) Hexane	5.90	57	7344	0.06	ppbv	#	1
27) Carbon Disulfide	4.74	76	17564	0.11	ppbv	#	17
28) Methyl tert-Butyl Ether	5.26	73	12789	0.09	ppbv	#	91
29) Chloroform	5.97	83	26731	0.13	ppbv		84
31) cis-1,2-Dichloroethene	5.77	61	6425	0.06	ppbv	#	77
32) 1,1,1-Trichloroethane	6.75	97	23105	0.12	ppbv	#	88
35) Carbon Tetrachloride	7.27	117	7156	0.03	ppbv	#	22
36) Benzene	7.14	78	17199	0.08	ppbv		96
37) 1,2-Dichloroethane	6.54	62	14317	0.09	ppbv	#	92
38) Trichloroethene	8.09	130	3032	0.03	ppbv	#	71
39) 1,2-Dichloropropane	7.42	63	675721	8.05	ppbv	#	21
42) Bromodichloromethane	8.05	83	12559	0.06	ppbv		86
44) 2,2,4-Trimethylpentane	8.13	57	11953	0.03	ppbv	#	4
47) 1,1,2-Trichloroethane	9.75	97	6742	0.07	ppbv	#	79
48) Dibromochloromethane	10.60	129	15981	0.10	ppbv		98
49) Bromoform	13.34	173	4417	0.04	ppbv	#	11
56) 1,1,1,2-Tetrachloroethane	12.42	131	8255	0.07	ppbv	#	1
57) Chlorobenzene	12.44	112	16968	0.08	ppbv	#	57
59) m/p-Xylene	13.30	91	10782	0.04	ppbv	#	57

Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL041918\
Data File : VL031888.D
Acq On : 19 Apr 2018 21:35
Operator : SY/AP
Sample : J2133-15 0.1 PPBV
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT2-2018

Quant Time: Apr 20 08:01:30 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL041218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Apr 13 16:50:02 2018
QLast Update : Fri Apr 13 16:50:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) Styrene	13.83	104	2130	0.04	ppbv #	20
62) Isopropylbenzene	14.98	105	11793	0.03	ppbv #	19
63) 1,1,2,2-Tetrachloroethane	13.98	83	13564	0.06	ppbv #	12
66) Benzyl Chloride	17.30	91	2050	0.07	ppbv #	70
71) 2-Chlorotoluene	15.76	91	9477	0.03	ppbv #	55
72) 4-Ethyltoluene	16.14	105	10281	0.03	ppbv #	64
73) 1,3,5-Trimethylbenzene	16.30	105	9365	0.03	ppbv #	80
75) 1,3-Dichlorobenzene	17.30	146	9102	0.05	ppbv #	1
77) 1,2-Dichlorobenzene	18.14	146	8650	0.05	ppbv #	15
78) Hexachloro-1,3-Butadiene	23.67	225	4477	0.06	ppbv #	1

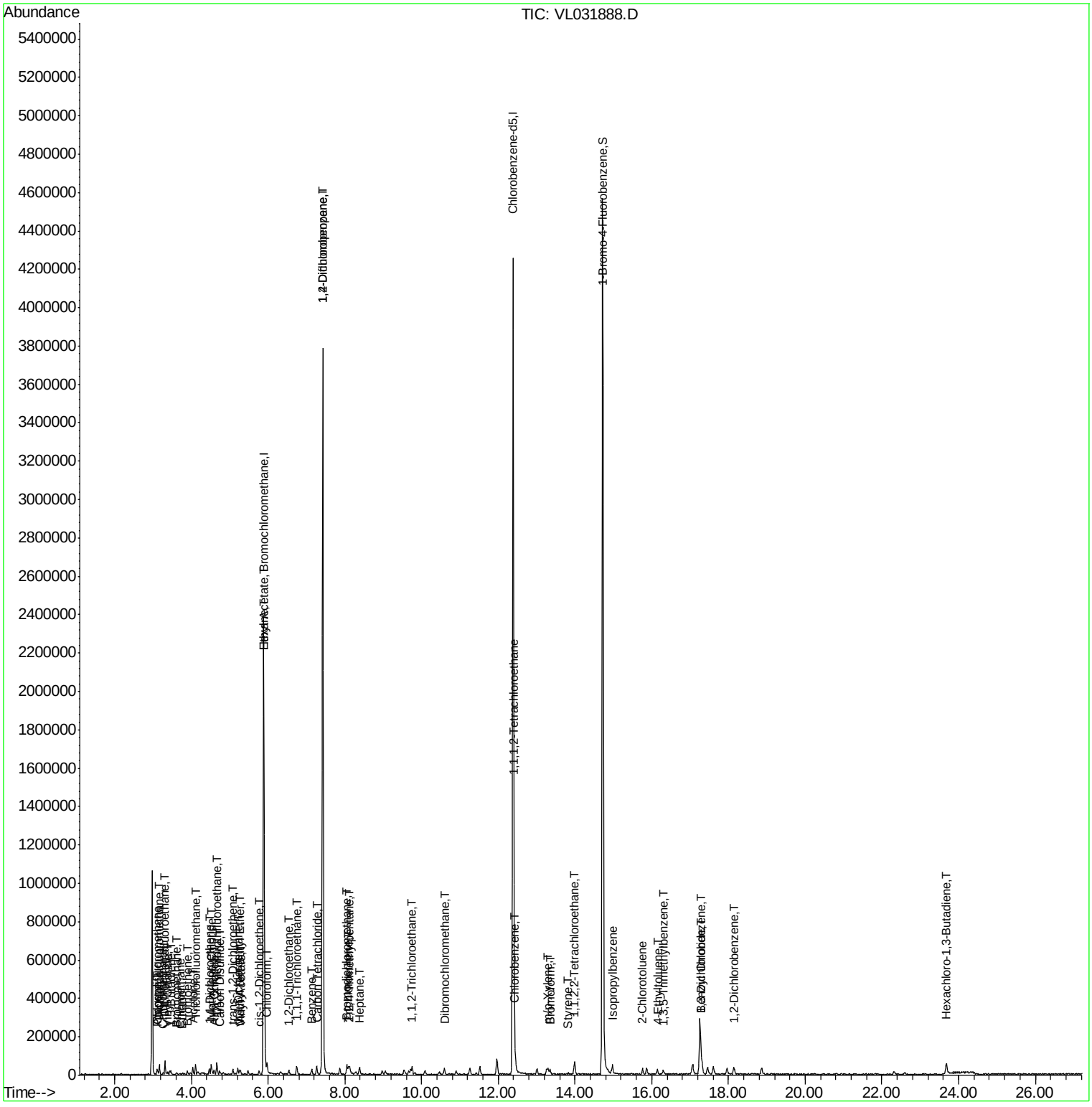
(#) = qualifier out of range (m) = manual integration (+) = signals summed

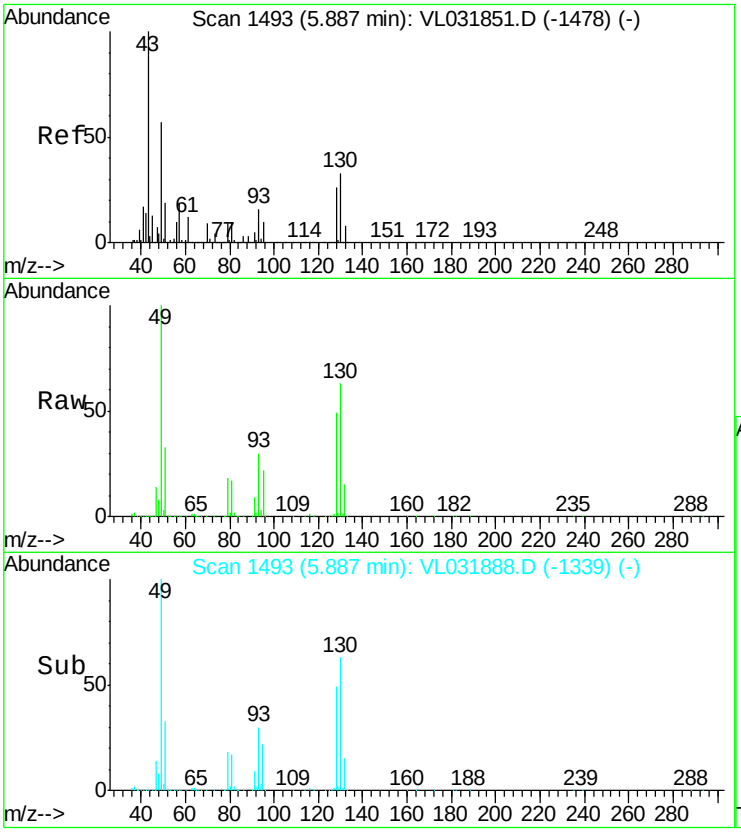
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL041918\
Data File : VL031888.D
Acq On : 19 Apr 2018 21:35
Operator : SY/AP
Sample : J2133-15 0.1 PPBV
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2018

Quant Time: Apr 20 08:01:30 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL041218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Apr 13 16:50:02 2018
QLast Update : Fri Apr 13 16:50:02 2018
Response via : Initial Calibration



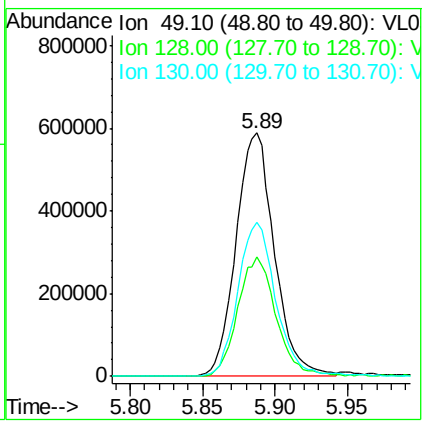


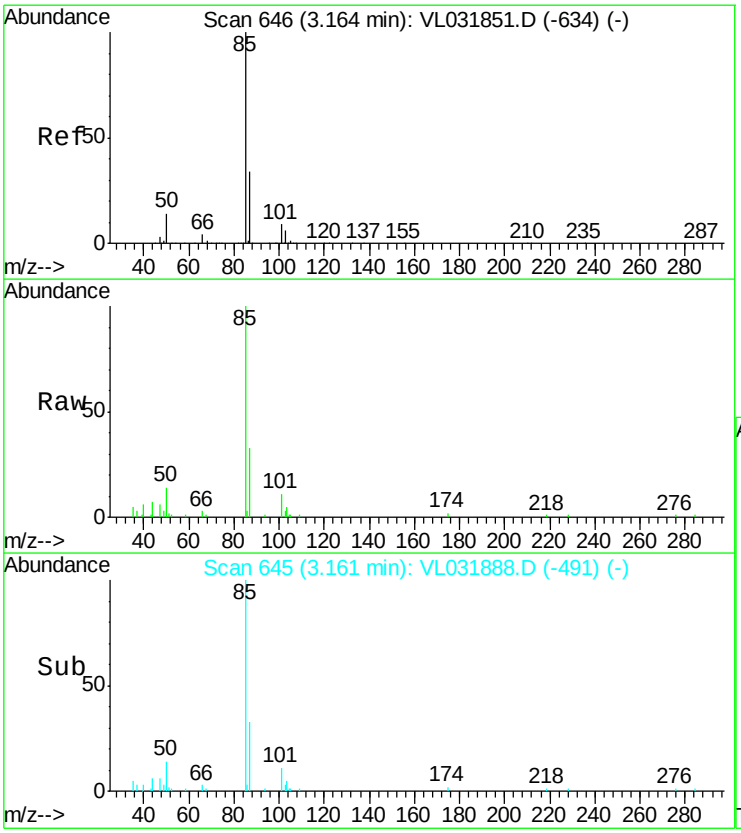
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.89 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2018

Tgt Ion: 49 Resp: 1084151

Ion	Ratio	Lower	Upper
49	100		
128	49.6	23.9	71.7
130	63.7	30.9	92.7

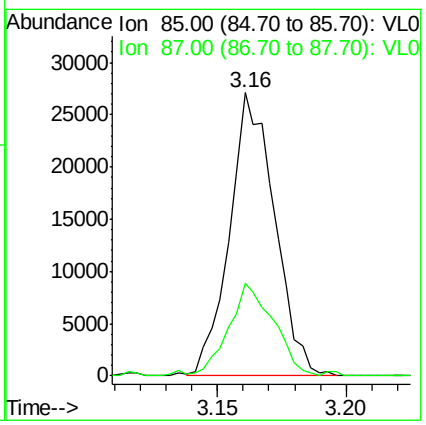


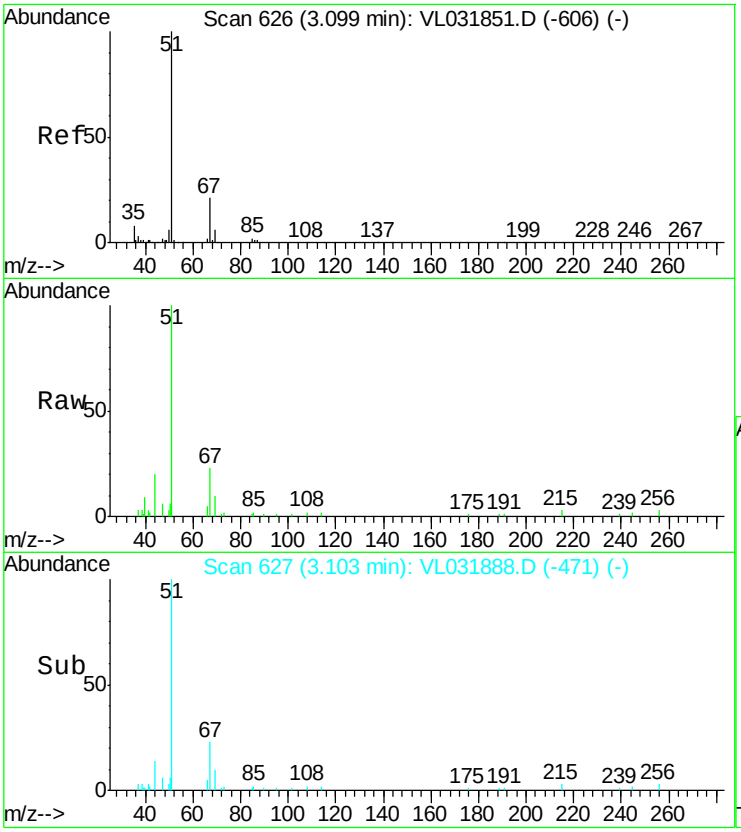


#2
Dichlorodifluoromethane
Concen: 0.15 ppbv
RT: 3.16 min Scan# 645
Delta R.T. -0.00 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Tgt Ion: 85 Resp: 32912

Ion	Ratio	Lower	Upper
85	100		
87	32.2	25.9	38.9



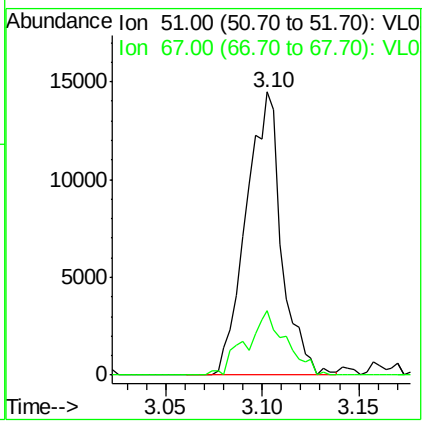


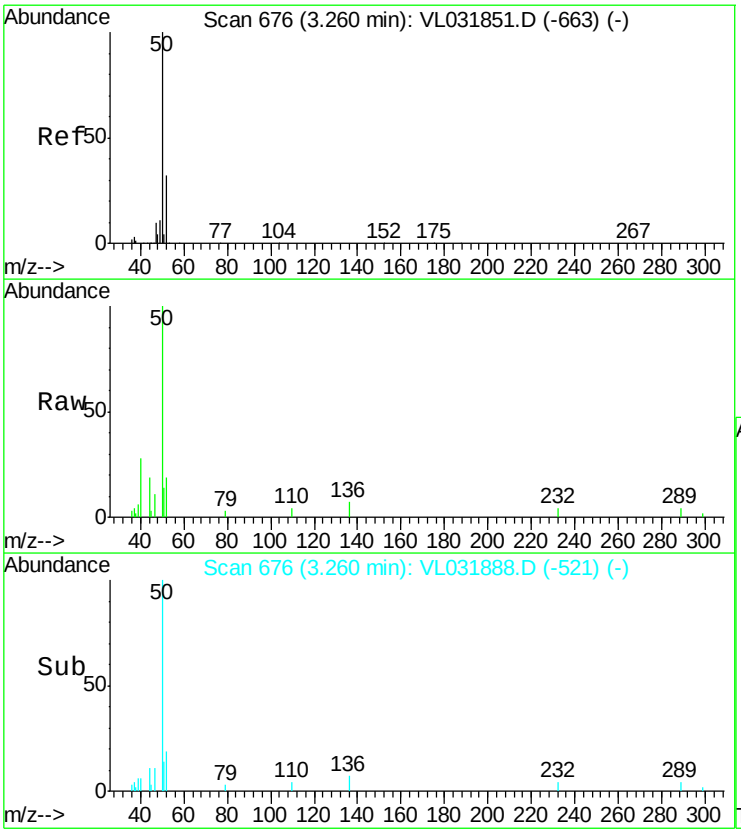
#3
Chlorodifluoromethane
Concen: 0.15 ppbv
RT: 3.10 min Scan# 627
Delta R.T. 0.00 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2018

Tgt Ion: 51 Resp: 18415

Ion	Ratio	Lower	Upper
51	100		
67	25.6	17.5	26.3

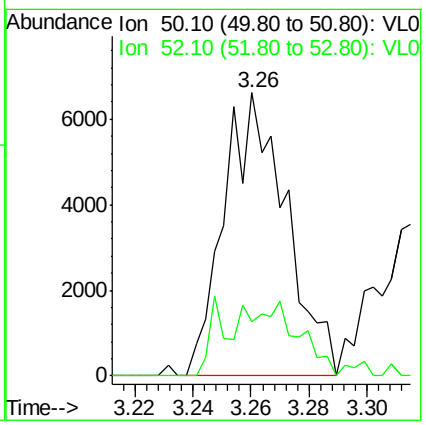


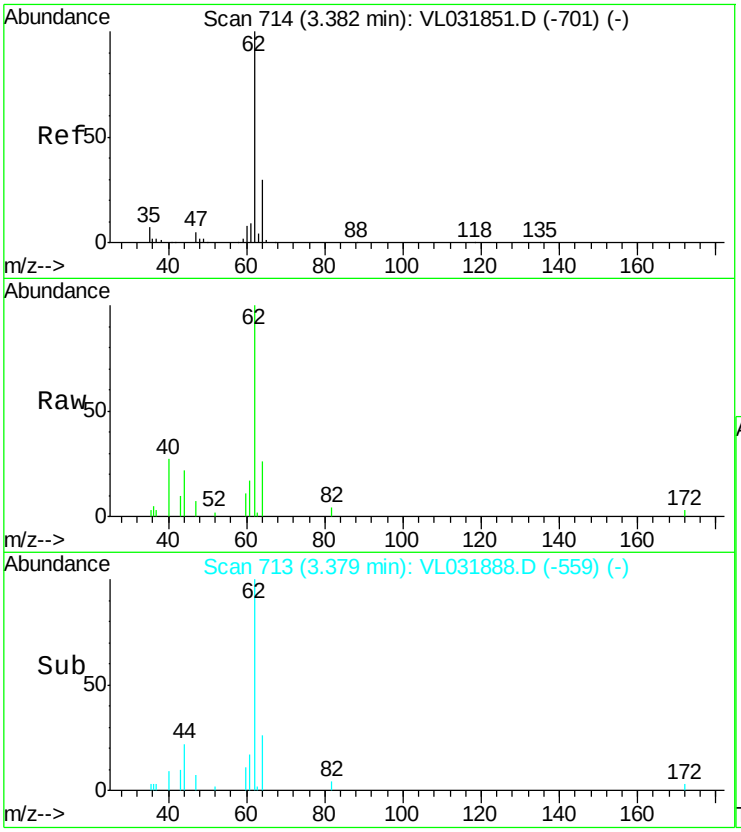


#4
Chloromethane
Concen: 0.15 ppbv
RT: 3.26 min Scan# 676
Delta R.T. -0.00 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Tgt Ion: 50 Resp: 9800

Ion	Ratio	Lower	Upper
50	100		
52	19.2	28.1	42.1#



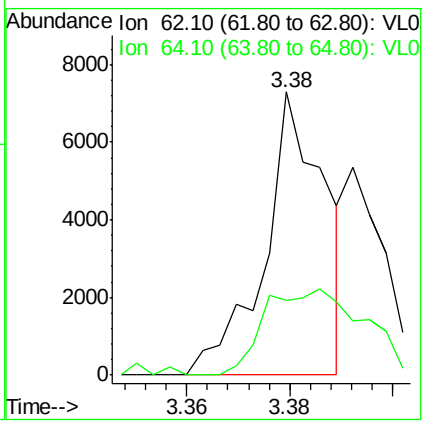


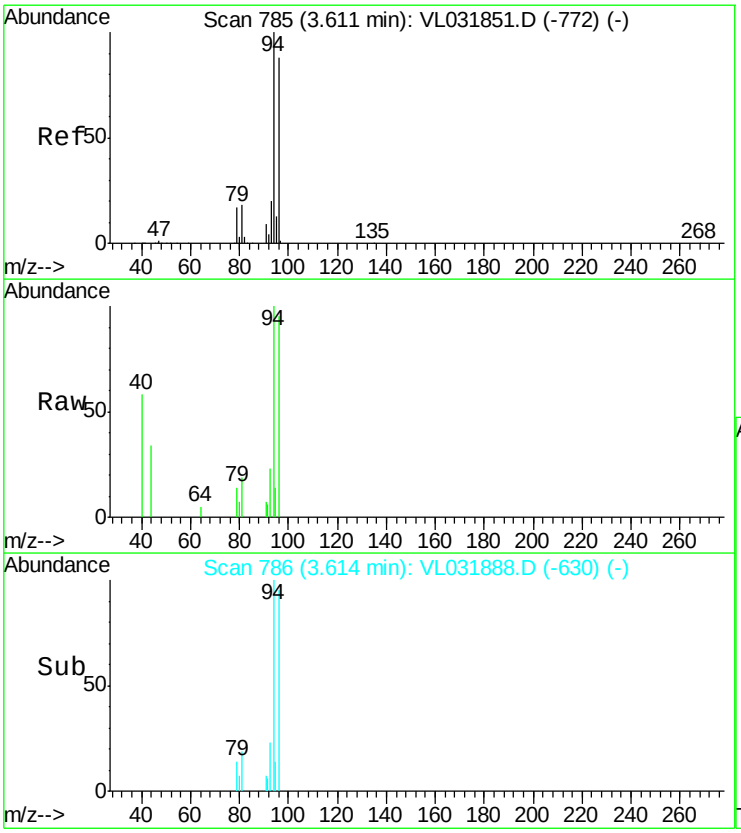
#5
Vinyl Chloride
Concen: 0.08 ppbv
RT: 3.38 min Scan# 713
Delta R.T. -0.00 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2018

Tgt Ion: 62 Resp: 5881

Ion	Ratio	Lower	Upper
62	100		
64	25.7	25.9	38.9#

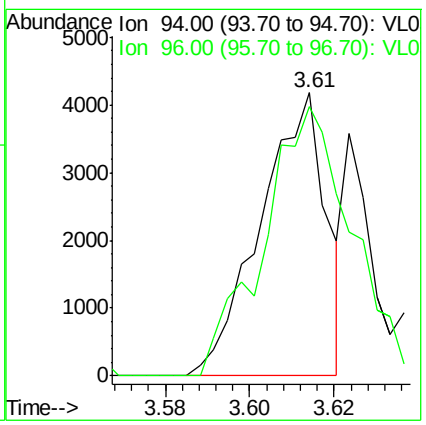


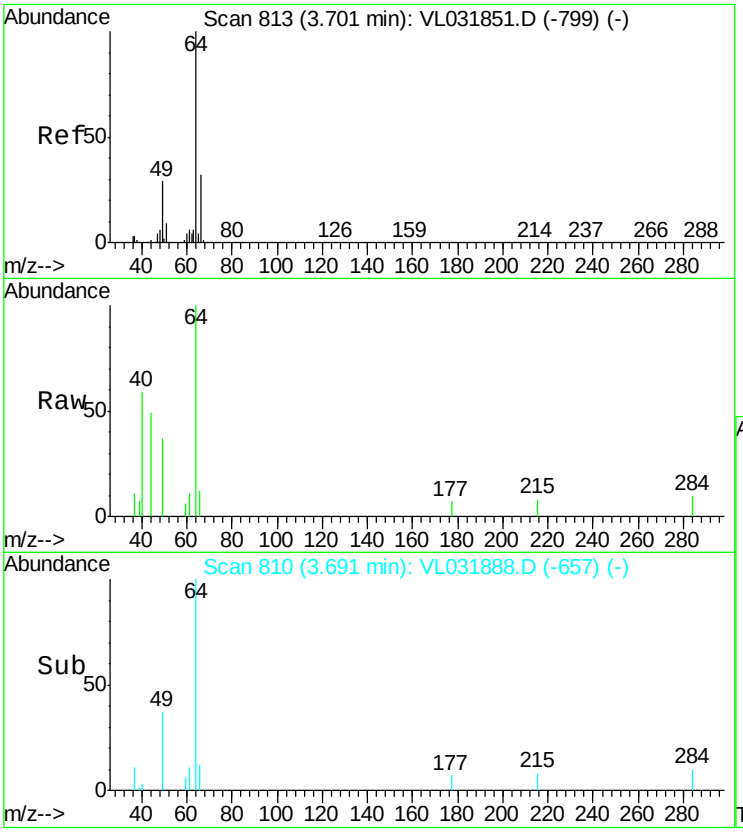


#6
Bromomethane
Concen: 0.09 ppbv
RT: 3.61 min Scan# 786
Delta R.T. 0.00 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Tgt Ion: 94 Resp: 4487

Ion	Ratio	Lower	Upper
94	100		
96	95.1	73.8	110.6



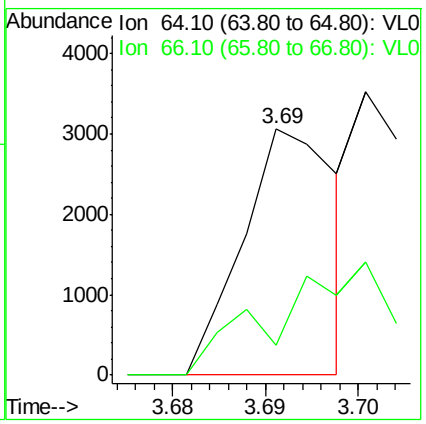


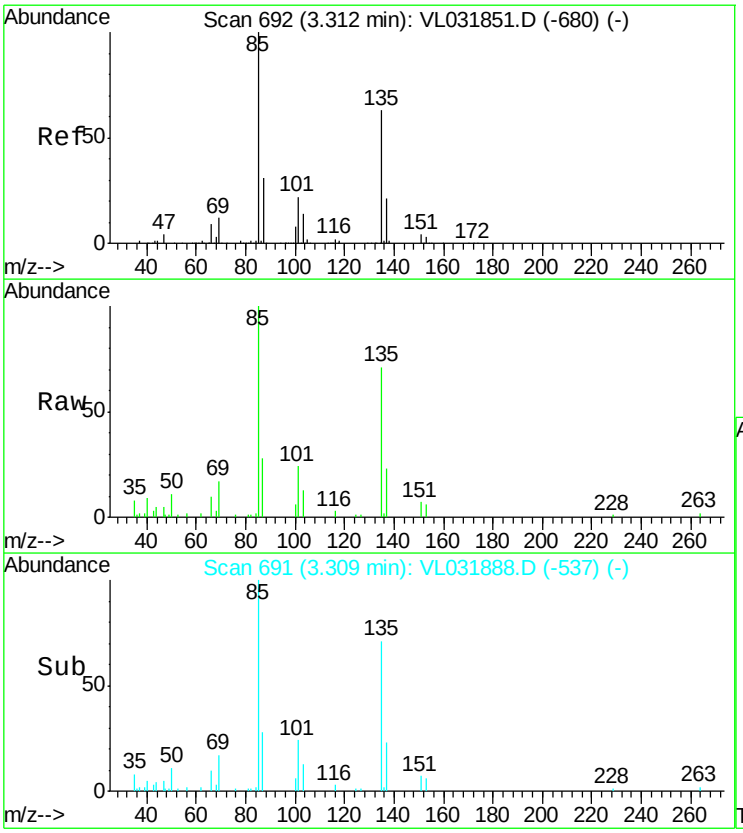
#7
Chloroethane
Concen: 0.07 ppbv
RT: 3.69 min Scan# 810
Delta R.T. -0.01 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2018

Tgt Ion: 64 Resp: 2134

Ion	Ratio	Lower	Upper
64	100		
66	12.3	23.4	35.0#

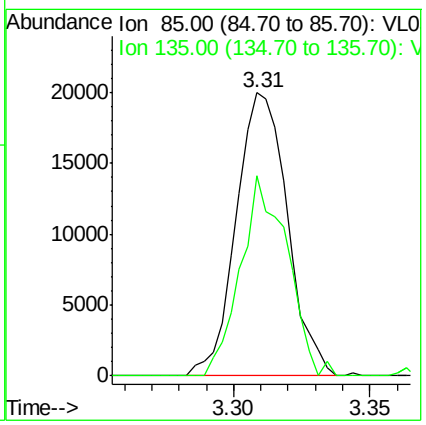


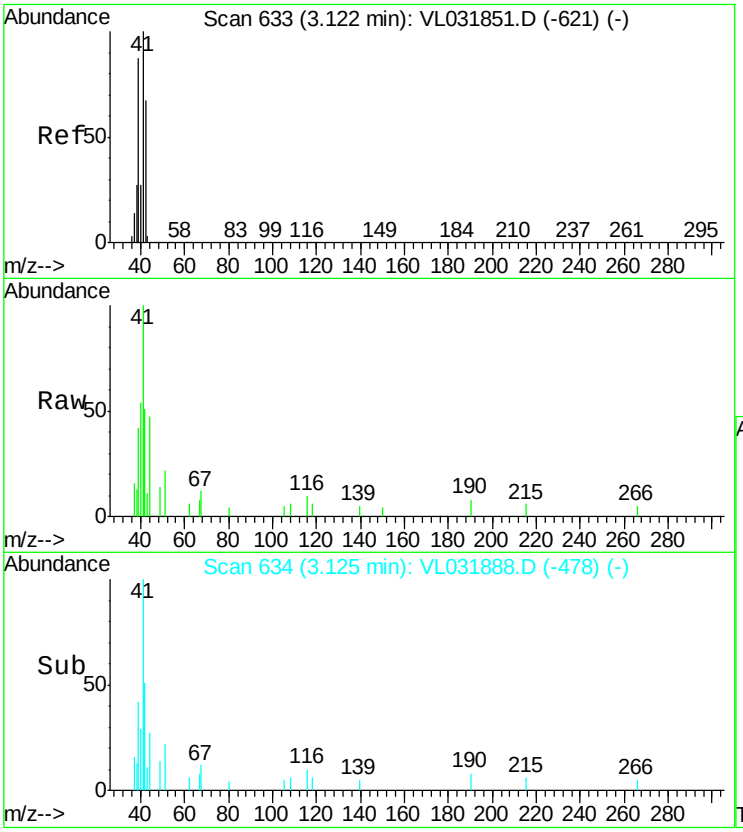


#8
Dichlorotetrafluoroethane
Concen: 0.14 ppbv
RT: 3.31 min Scan# 691
Delta R.T. -0.00 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Tgt Ion: 85 Resp: 25975

Ion	Ratio	Lower	Upper
85	100		
135	64.4	52.7	79.1



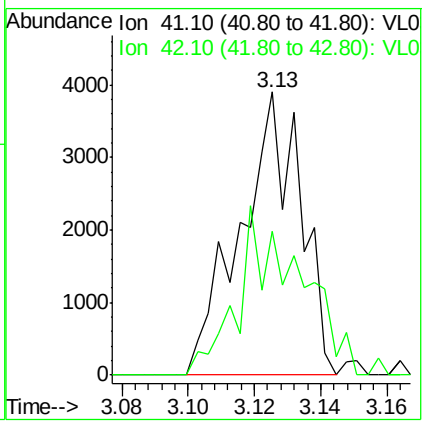


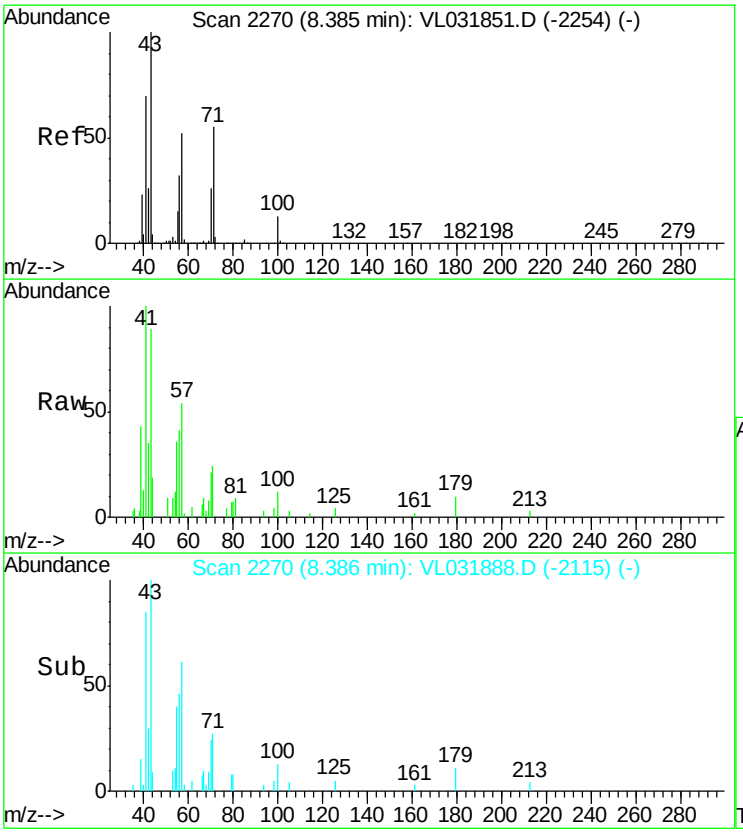
#9
Propene
Concen: 0.11 ppbv
RT: 3.13 min Scan# 634
Delta R.T. 0.00 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2018

Tgt Ion: 41 Resp: 4929

Ion	Ratio	Lower	Upper
41	100		
42	62.0	55.0	82.4

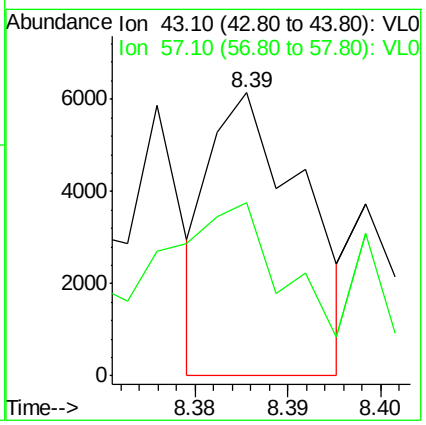


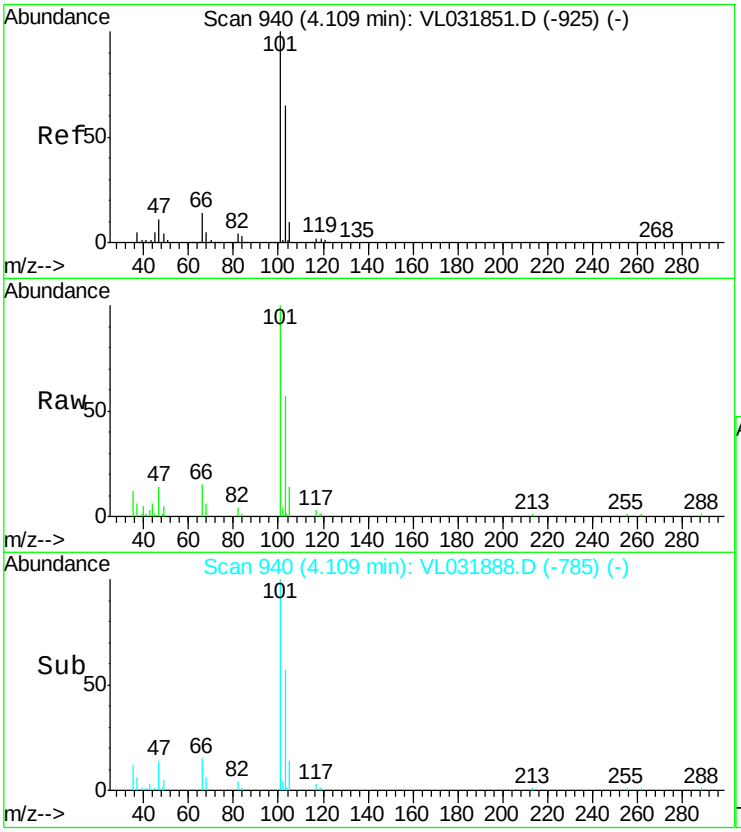


#10
Heptane
Concen: 0.03 ppbv
RT: 8.39 min Scan# 2270
Delta R.T. -0.00 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Tgt Ion: 43 Resp: 4318

Ion	Ratio	Lower	Upper
43	100		
57	149.5	41.5	62.3#



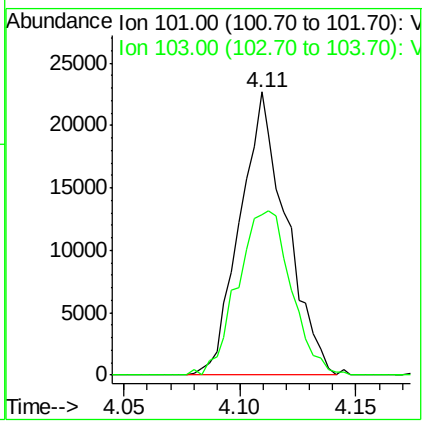


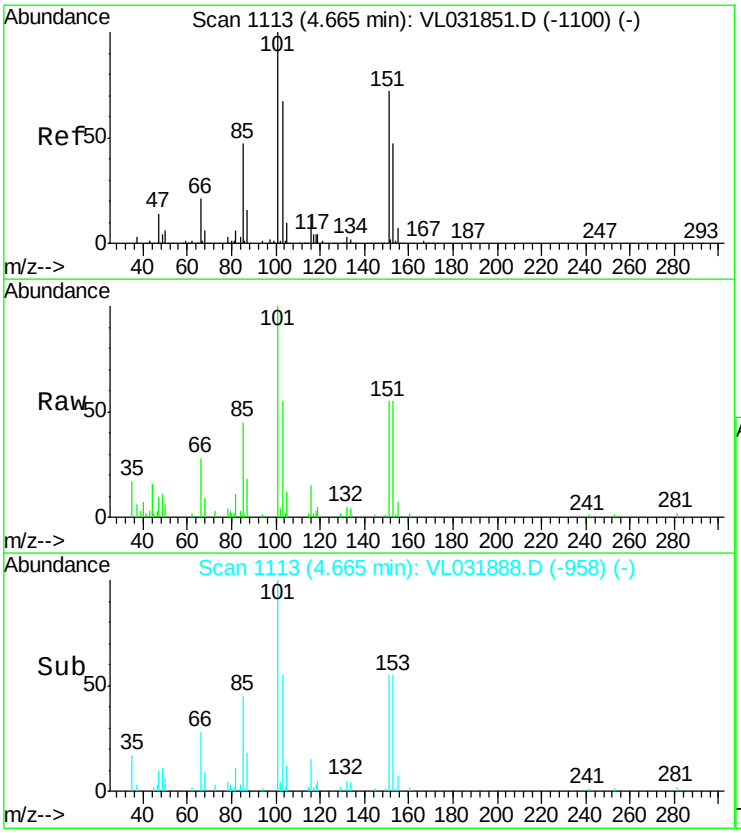
#11
Trichlorofluoromethane
Concen: 0.14 ppbv
RT: 4.11 min Scan# 940
Delta R.T. -0.00 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2018

Tgt Ion:101 Resp: 31550

Ion	Ratio	Lower	Upper
101	100		
103	56.9	51.8	77.8

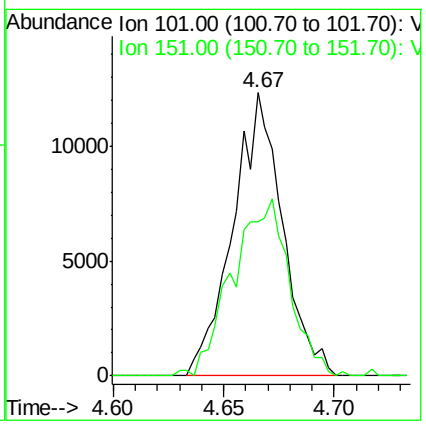


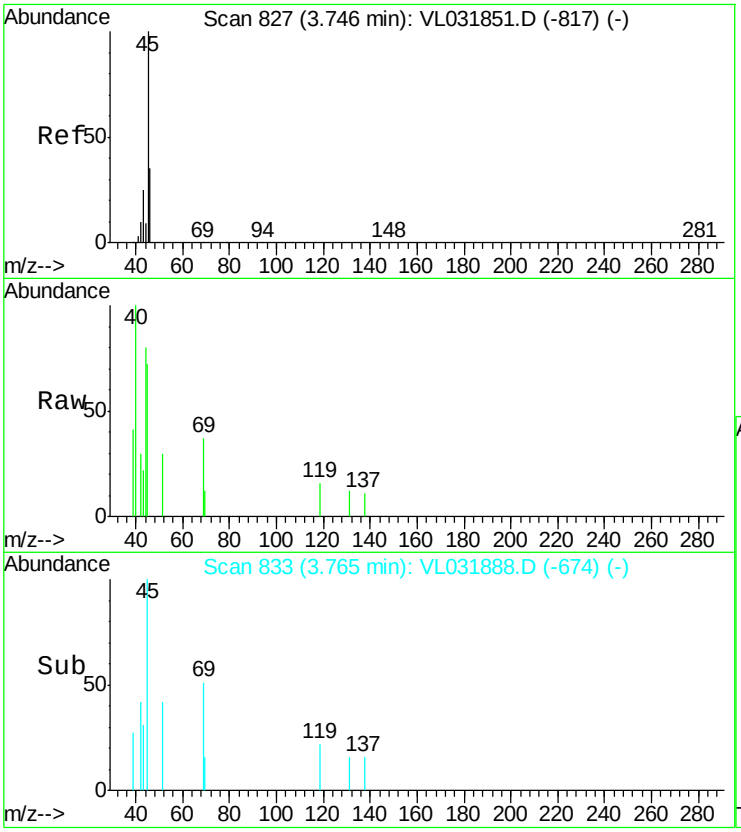


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.14 ppbv
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Tgt Ion:101 Resp: 19281

Ion	Ratio	Lower	Upper
101	100		
151	72.0	57.0	85.6



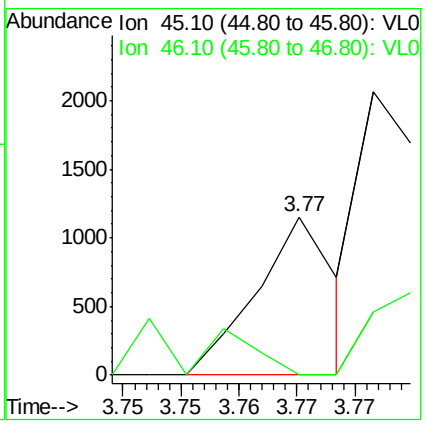


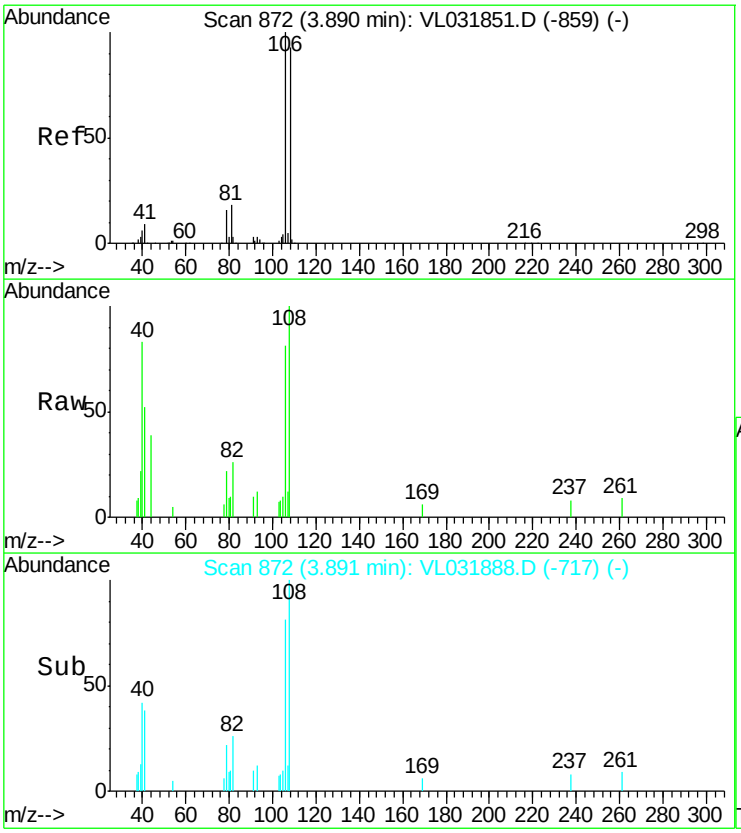
#13
Ethanol
Concen: 0.04 ppbv
RT: 3.77 min Scan# 833
Delta R.T. 0.01 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT2-2018

Tgt Ion: 45 Resp: 541

Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.6	58.6#

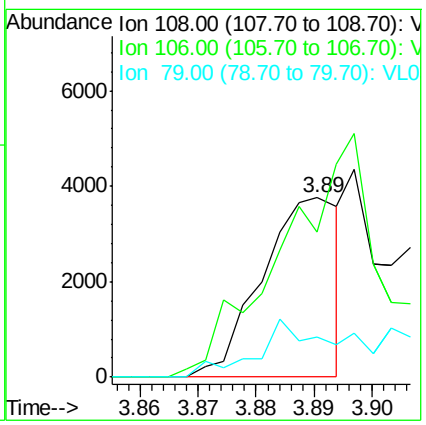


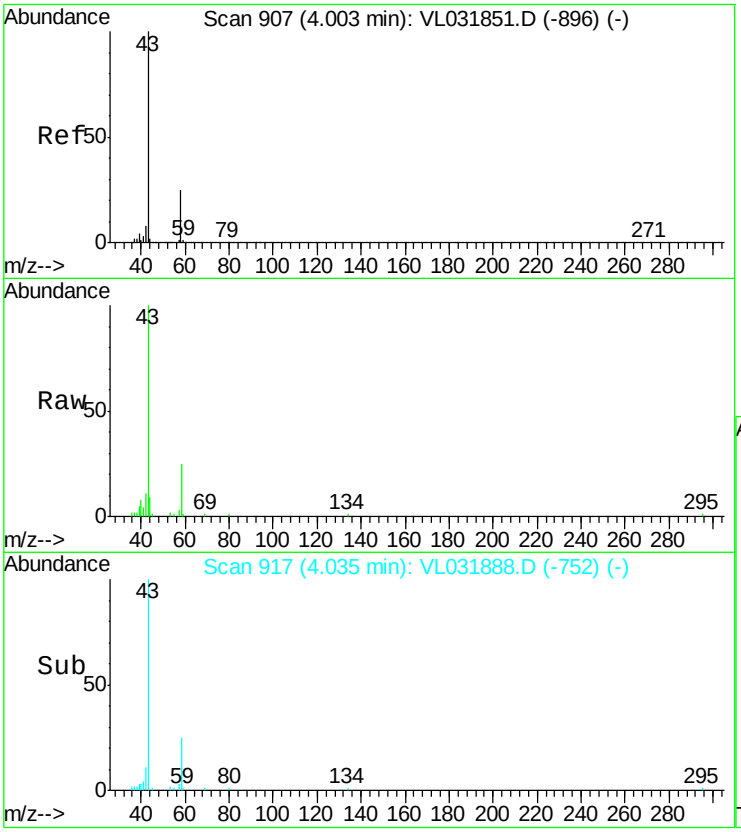


#14
Bromoethene
Concen: 0.07 ppbv
RT: 3.89 min Scan# 872
Delta R.T. -0.00 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Tgt Ion:108 Resp: 3493

Ion	Ratio	Lower	Upper
108	100		
106	0.0	86.6	130.0#
79	48.2	15.5	23.3#



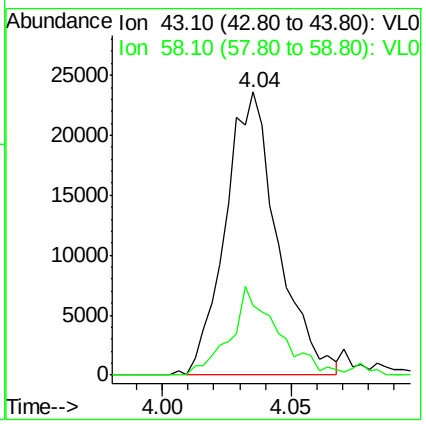


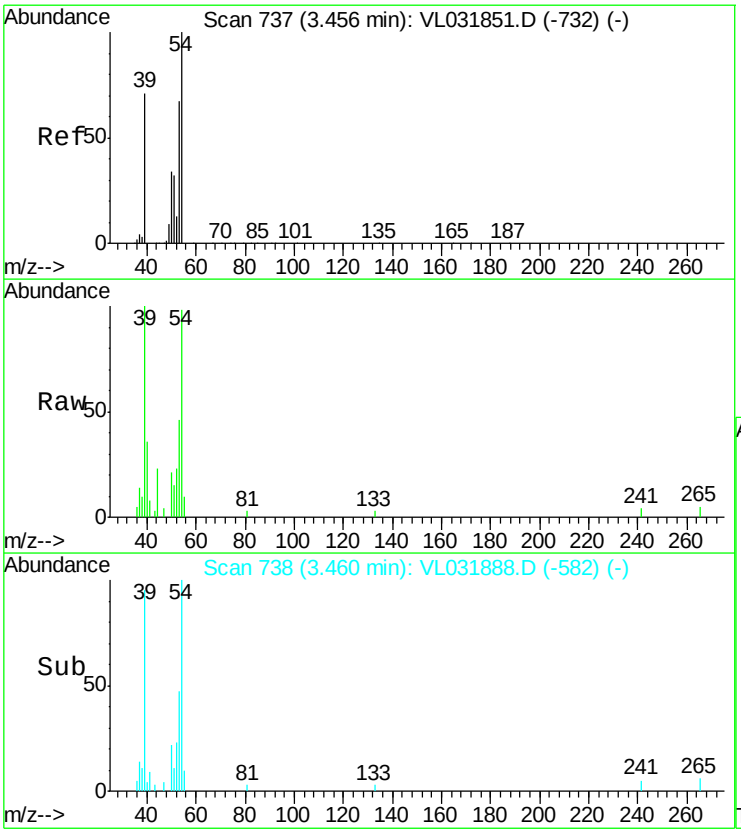
#15
Acetone
Concen: 0.20 ppbv
RT: 4.04 min Scan# 917
Delta R.T. 0.03 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2018

Tgt Ion: 43 Resp: 33181

Ion	Ratio	Lower	Upper
43	100		
58	29.7	20.9	31.3

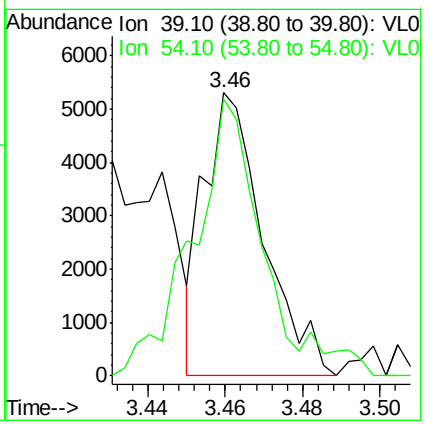


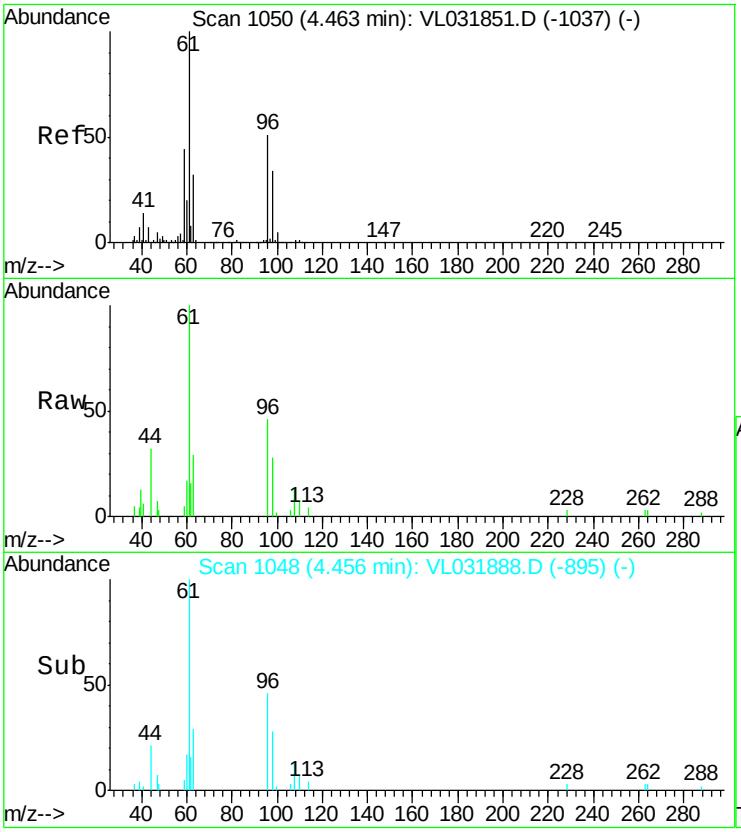


#16
1,3-Butadiene
Concen: 0.09 ppbv
RT: 3.46 min Scan# 738
Delta R.T. 0.00 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Tgt Ion: 39 Resp: 5653

Ion	Ratio	Lower	Upper
39	100		
54	118.3	63.3	94.9#



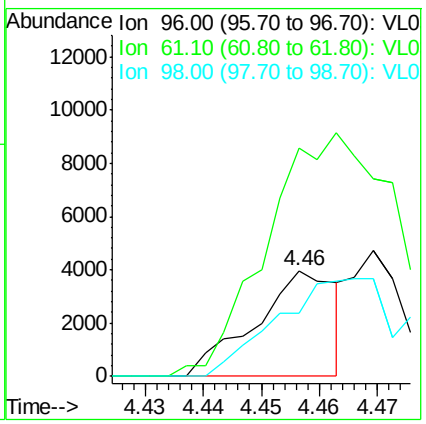


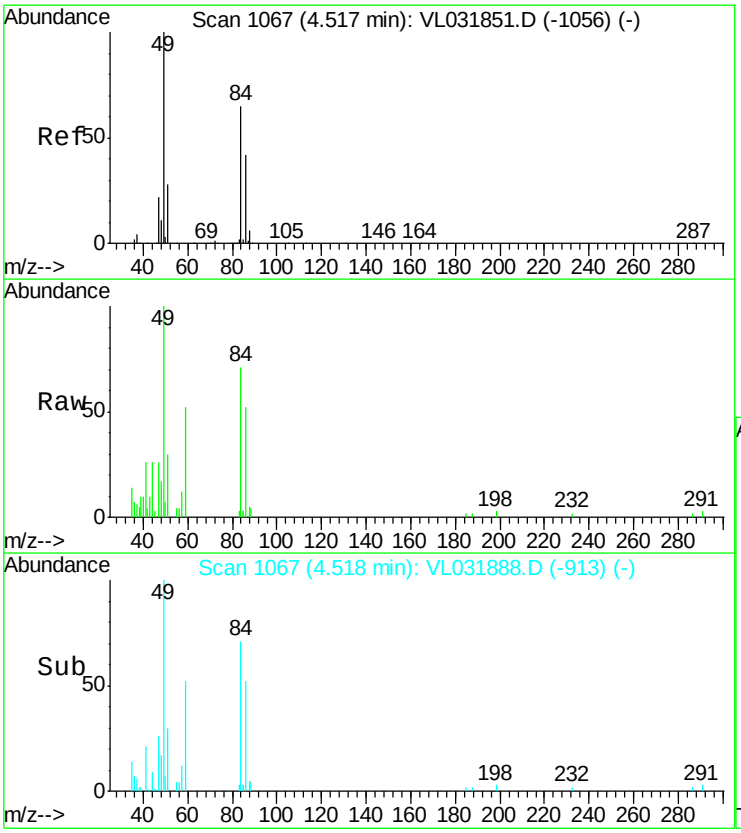
#18
1,1-Dichloroethene
Concen: 0.06 ppbv
RT: 4.46 min Scan# 1048
Delta R.T. -0.01 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2018

Tgt Ion: 96 Resp: 3846

Ion	Ratio	Lower	Upper
96	100		
61	205.9	161.0	241.6
98	59.9	52.7	79.1

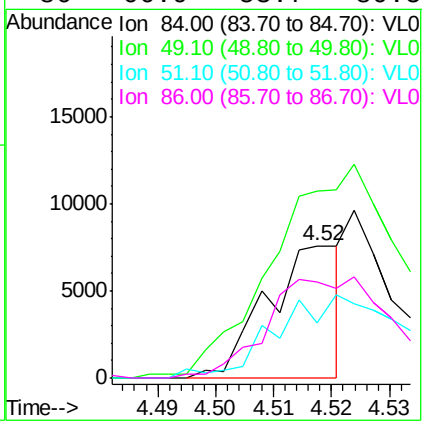


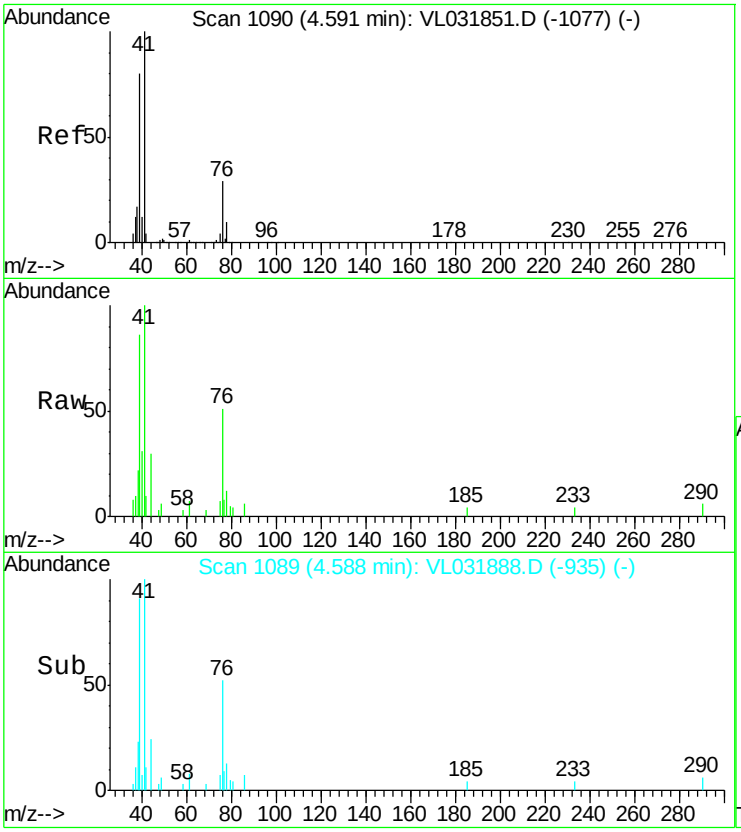


#20
Methylene Chloride
Concen: 0.11 ppbv
RT: 4.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Tgt Ion: 84 Resp: 6724

Ion	Ratio	Lower	Upper
84	100		
49	132.4	125.6	188.4
51	33.8	36.4	54.6#
86	66.9	53.7	80.5



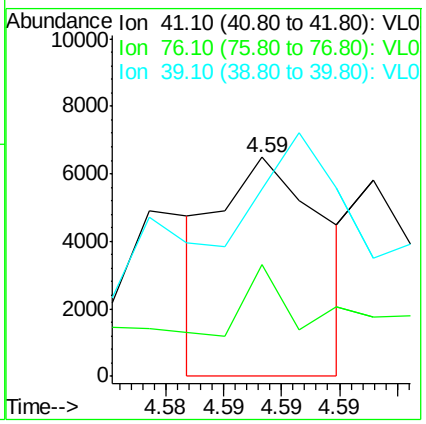


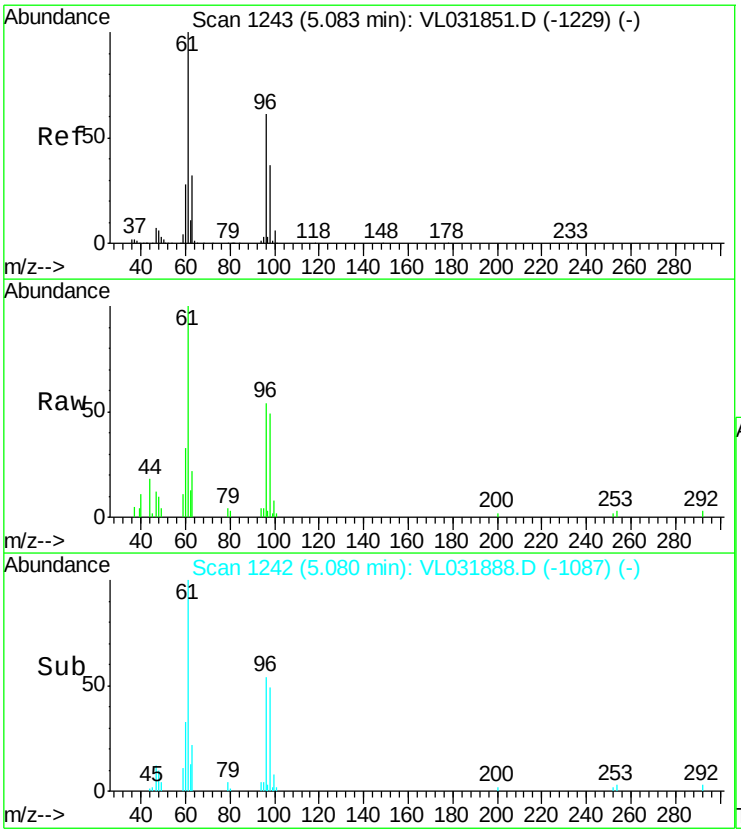
#21
Allyl Chloride
Concen: 0.04 ppbv
RT: 4.59 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2018

Tgt Ion: 41 Resp: 4068

Ion	Ratio	Lower	Upper
41	100		
76	91.7	23.4	35.2#
39	272.2	67.6	101.4#

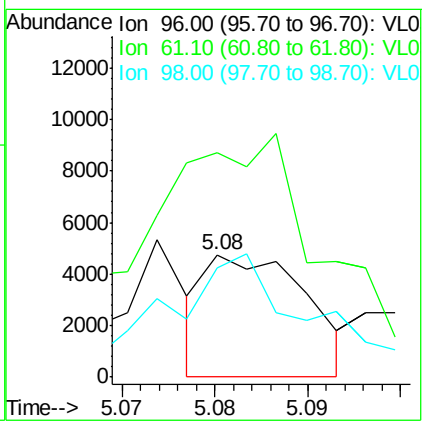


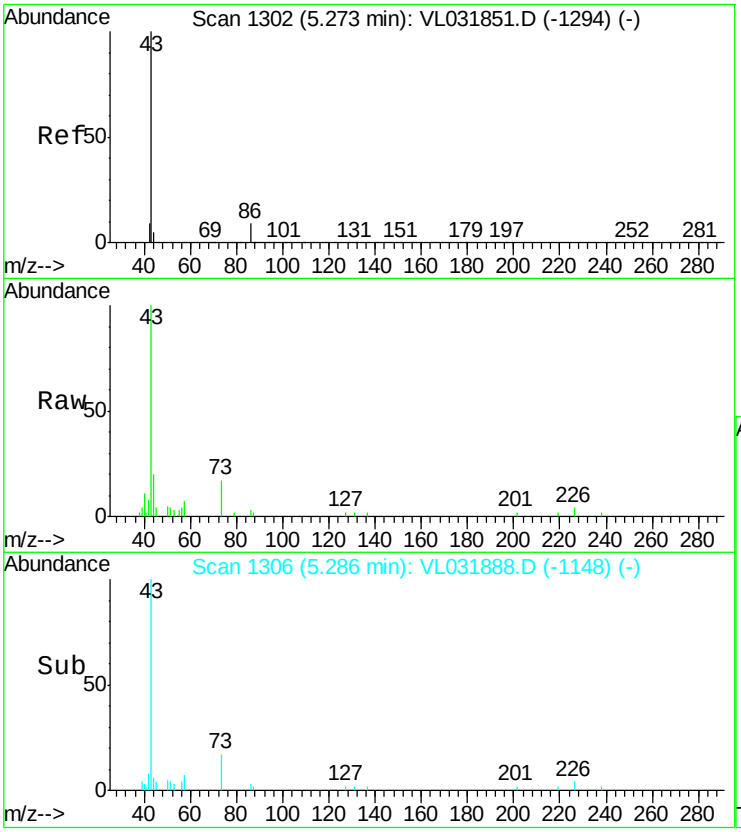


#22
trans-1,2-Dichloroethene
Concen: 0.06 ppbv
RT: 5.08 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Tgt Ion: 96 Resp: 3559

Ion	Ratio	Lower	Upper
96	100		
61	143.7	131.1	196.7
98	68.1	47.6	71.4



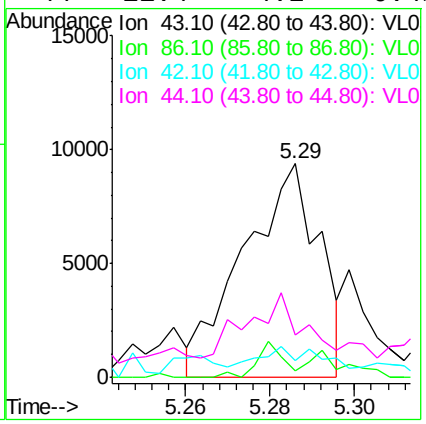


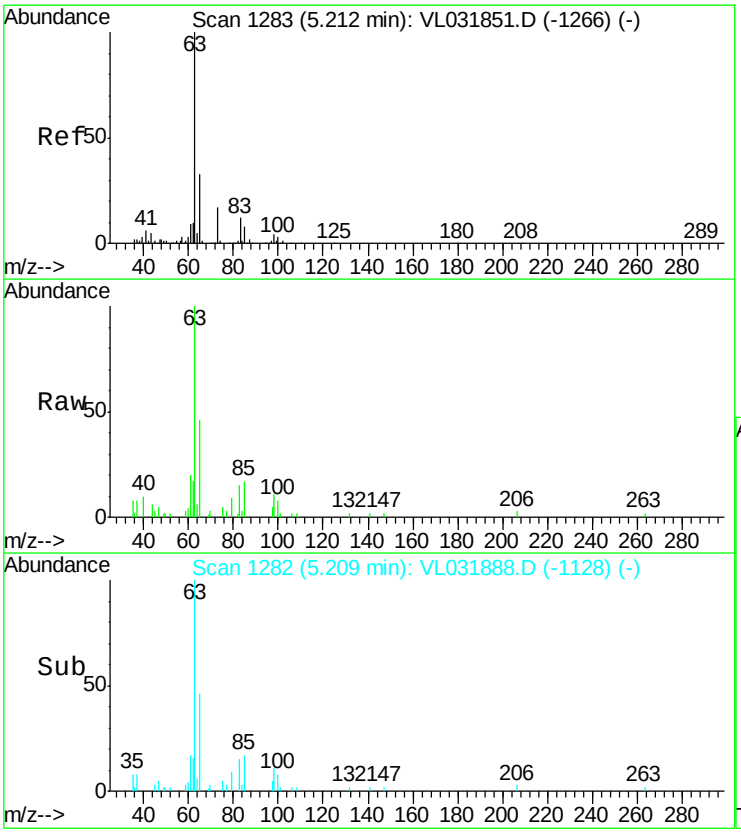
#23
Vinyl Acetate
Concen: 0.07 ppbv
RT: 5.29 min Scan# 1306
Delta R.T. 0.01 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2018

Tgt Ion: 43 Resp: 11679

Ion	Ratio	Lower	Upper
43	100		
86	3.7	5.8	8.8#
42	0.0	8.5	12.7#
44	11.4	4.2	6.4#

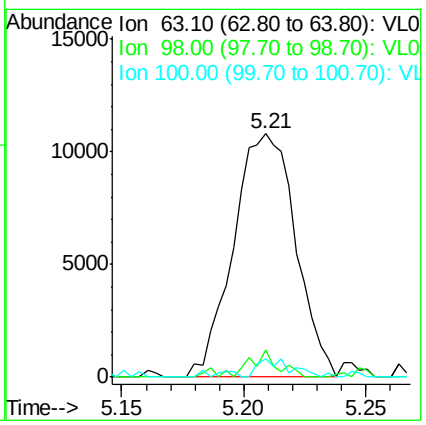


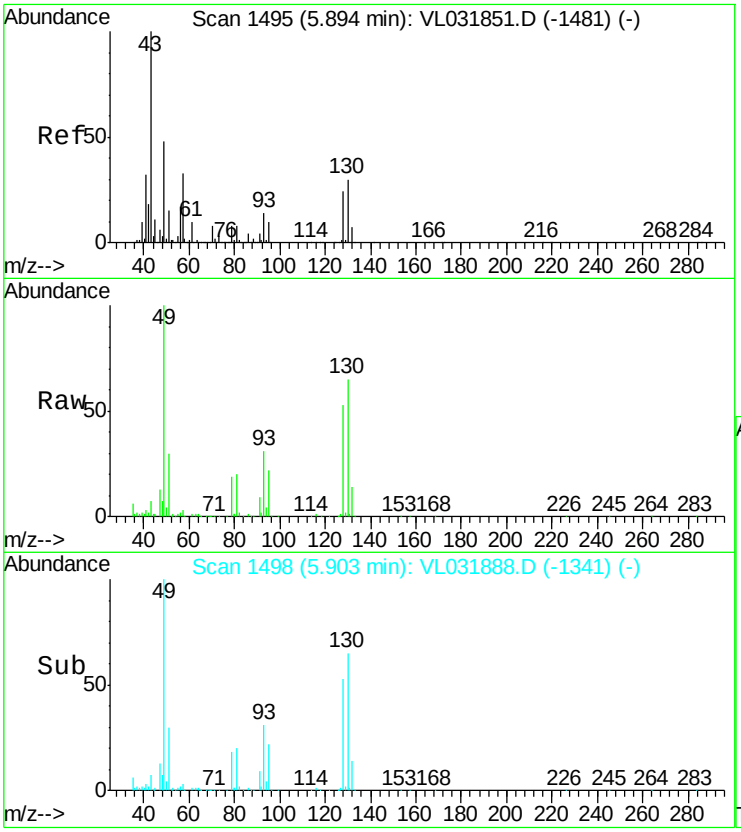


#24
1,1-Dichloroethane
Concen: 0.11 ppbv
RT: 5.21 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Tgt Ion: 63 Resp: 19108

Ion	Ratio	Lower	Upper
63	100		
98	11.1	2.4	7.2#
100	9.5	1.5	4.4#



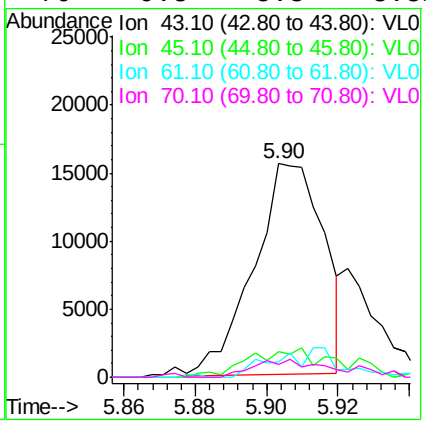


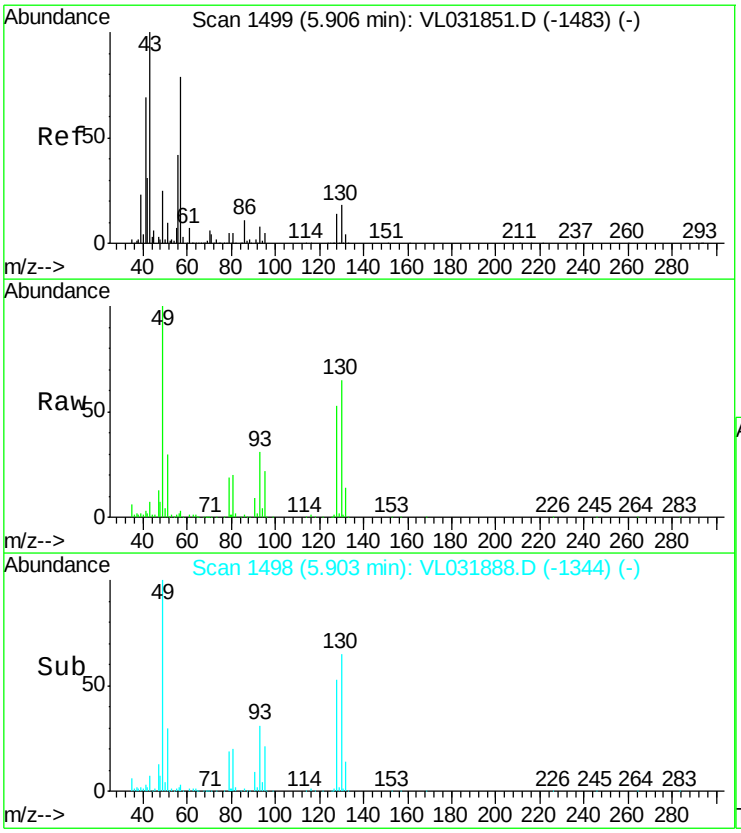
#25
Ethyl Acetate
Concen: 0.08 ppbv
RT: 5.90 min Scan# 1498
Delta R.T. 0.01 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT2-2018

Tgt Ion: 43 Resp: 20935

Ion	Ratio	Lower	Upper
43	100		
45	17.7	7.8	11.8#
61	13.9	7.2	10.8#
70	9.8	5.8	8.8#

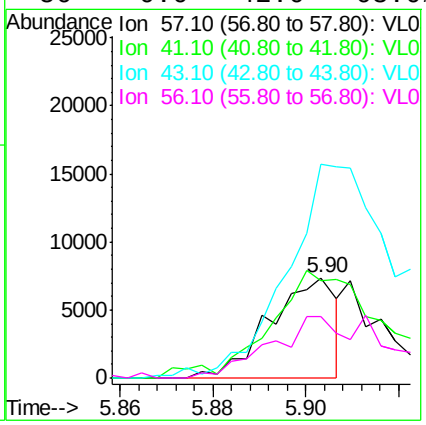


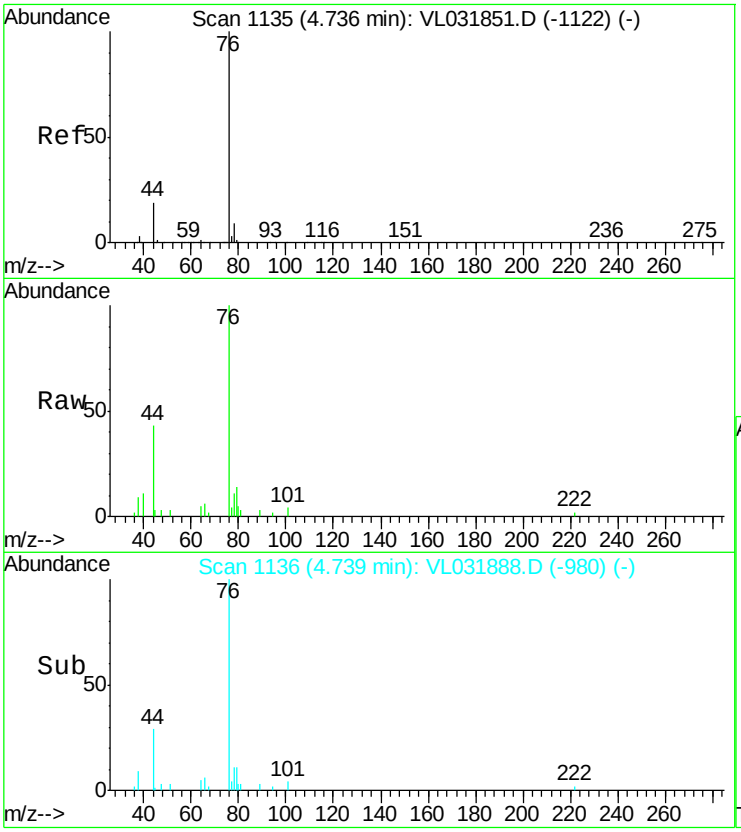


#26
Hexane
Concen: 0.06 ppbv
RT: 5.90 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Tgt Ion: 57 Resp: 7344

Ion	Ratio	Lower	Upper
57	100		
41	178.3	72.0	108.0#
43	386.4	169.8	254.8#
56	0.0	42.0	63.0#



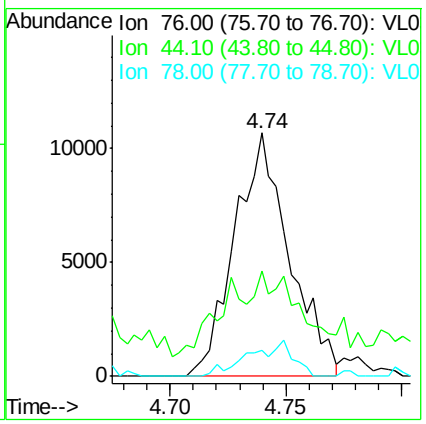


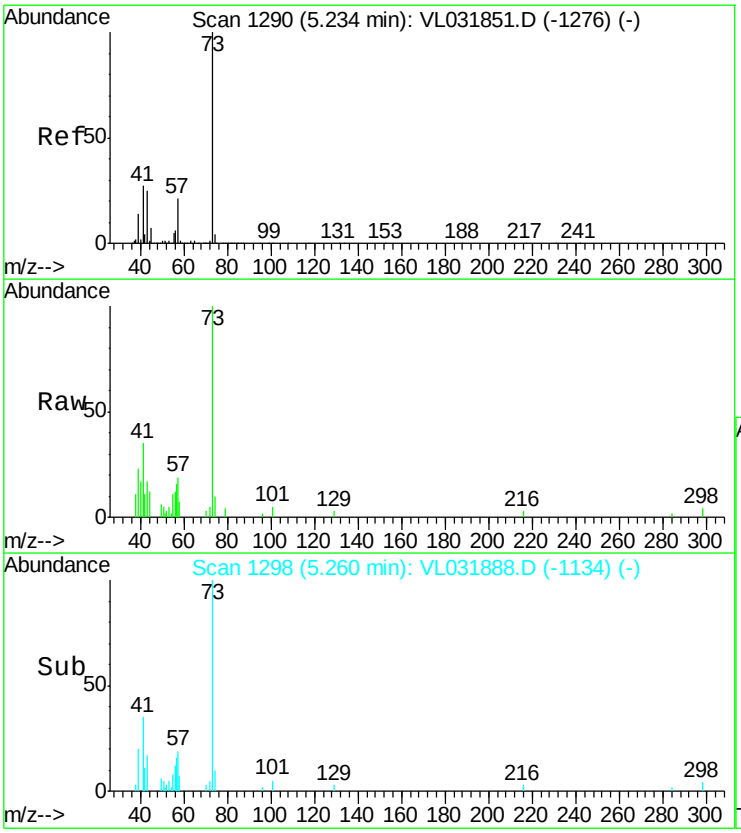
#27
Carbon Disulfide
Concen: 0.11 ppbv
RT: 4.74 min Scan# 1136
Delta R.T. 0.00 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2018

Tgt Ion: 76 Resp: 17564

Ion	Ratio	Lower	Upper
76	100		
44	74.3	15.6	23.4#
78	12.3	7.6	11.4#

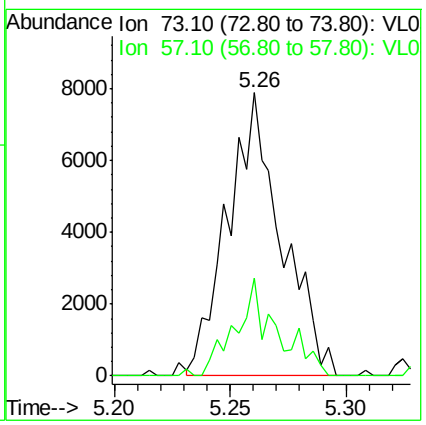


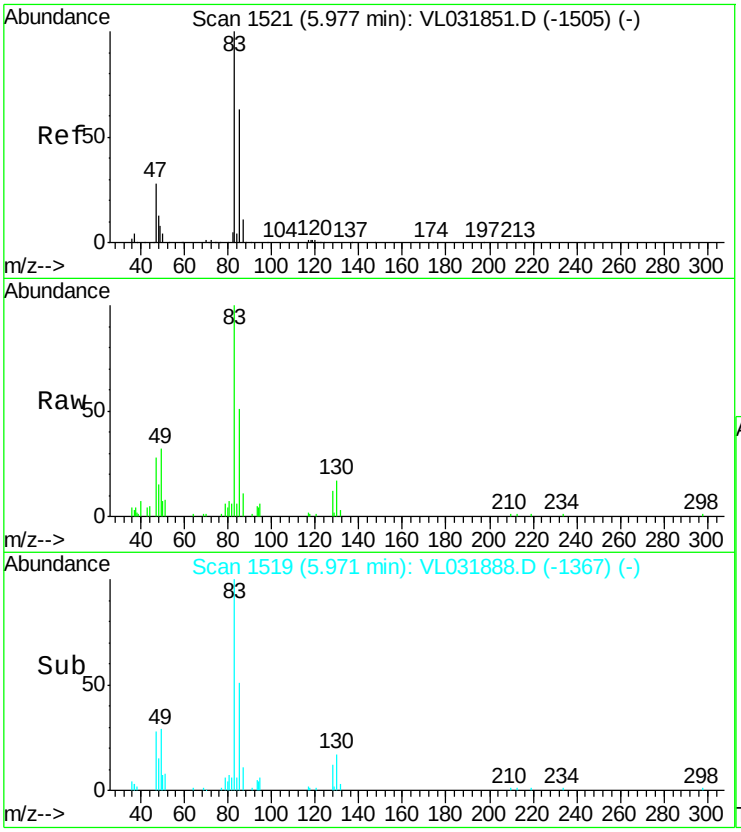


#28
Methyl tert-Butyl Ether
Concen: 0.09 ppbv
RT: 5.26 min Scan# 1298
Delta R.T. 0.03 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Tgt Ion: 73 Resp: 12789

Ion	Ratio	Lower	Upper
73	100		
57	26.5	17.6	26.4#



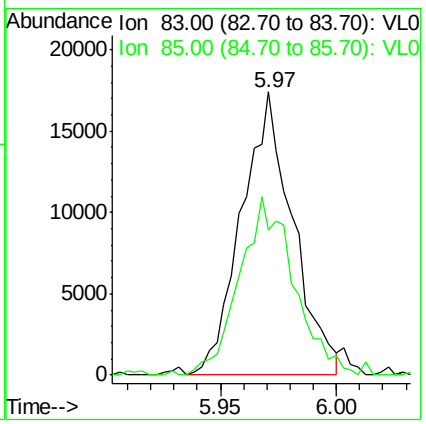


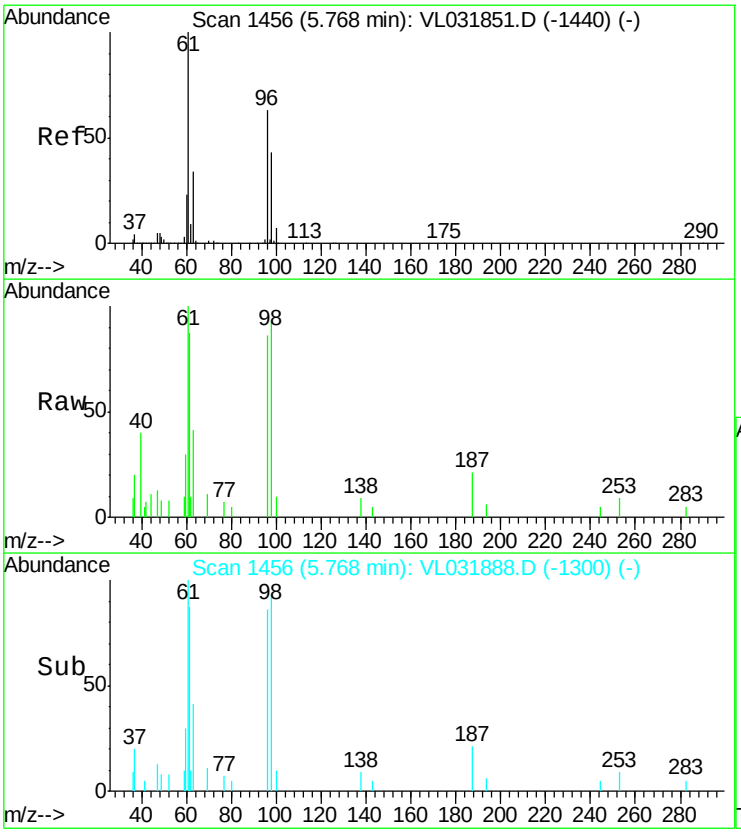
#29
Chloroform
Concen: 0.13 ppbv
RT: 5.97 min Scan# 1519
Delta R.T. -0.01 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2018

Tgt Ion: 83 Resp: 26731

Ion	Ratio	Lower	Upper
83	100		
85	51.4	51.4	77.0

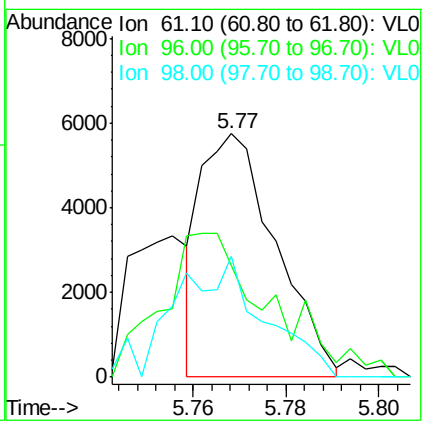


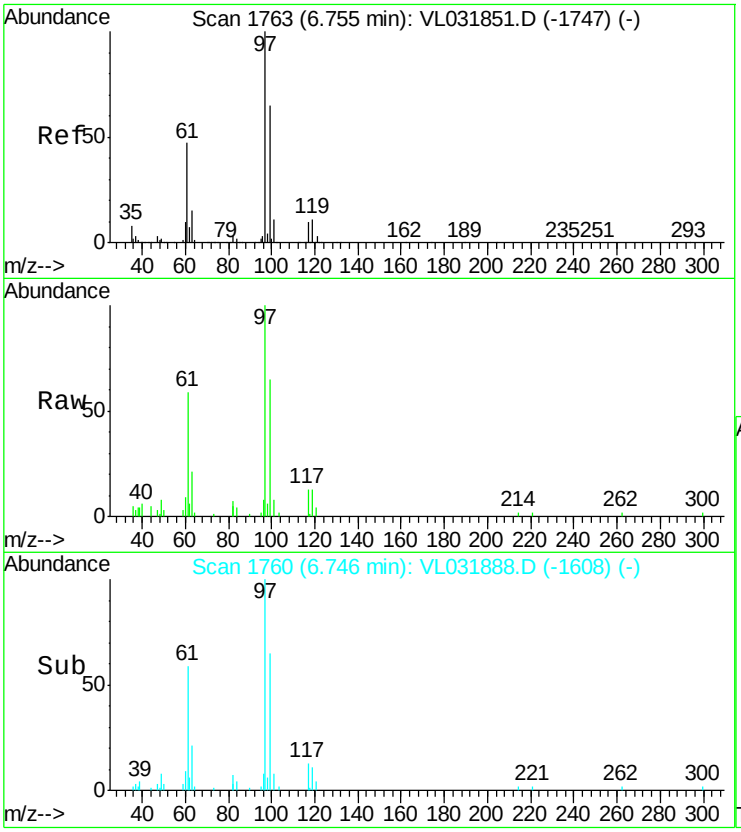


#31
cis-1,2-Dichloroethene
Concen: 0.06 ppbv
RT: 5.77 min Scan# 1456
Delta R.T. 0.00 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Tgt Ion: 61 Resp: 6425

Ion	Ratio	Lower	Upper
61	100		
96	41.8	47.6	71.4#
98	51.5	30.3	45.5#



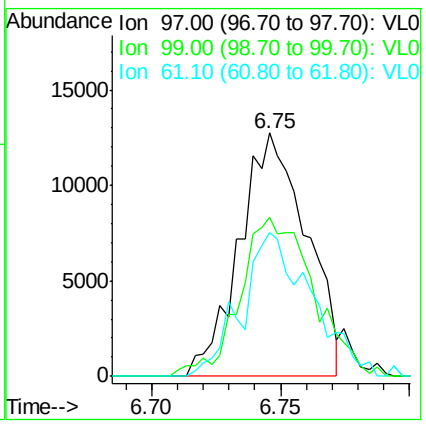


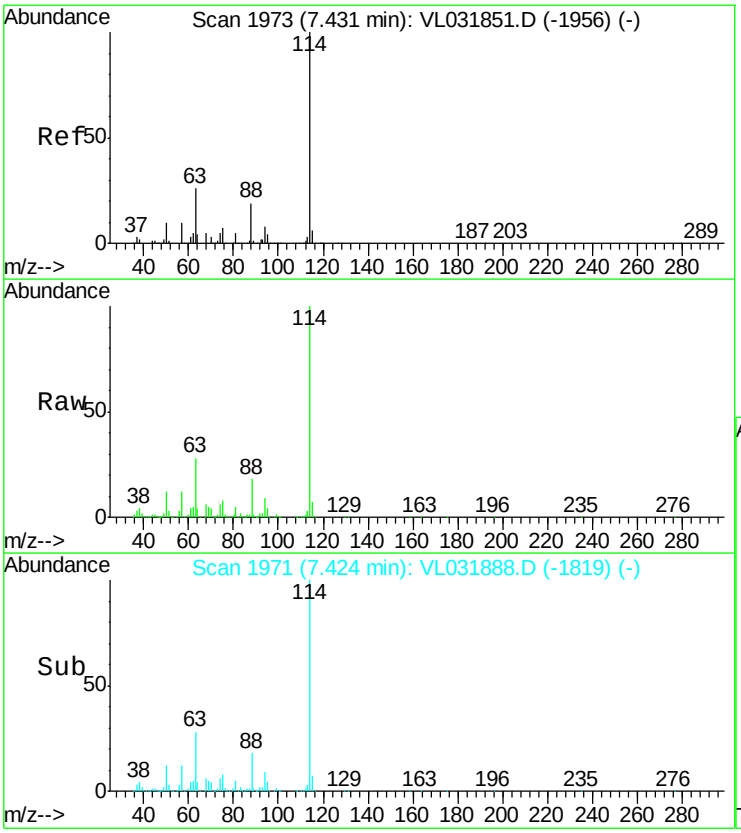
#32
1,1,1-Trichloroethane
Concen: 0.12 ppbv
RT: 6.75 min Scan# 1760
Delta R.T. -0.01 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2018

Tgt Ion: 97 Resp: 23105

Ion	Ratio	Lower	Upper
97	100		
99	71.7	51.5	77.3
61	61.4	40.0	60.0#

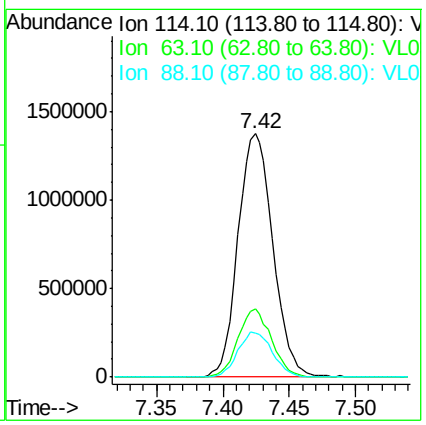


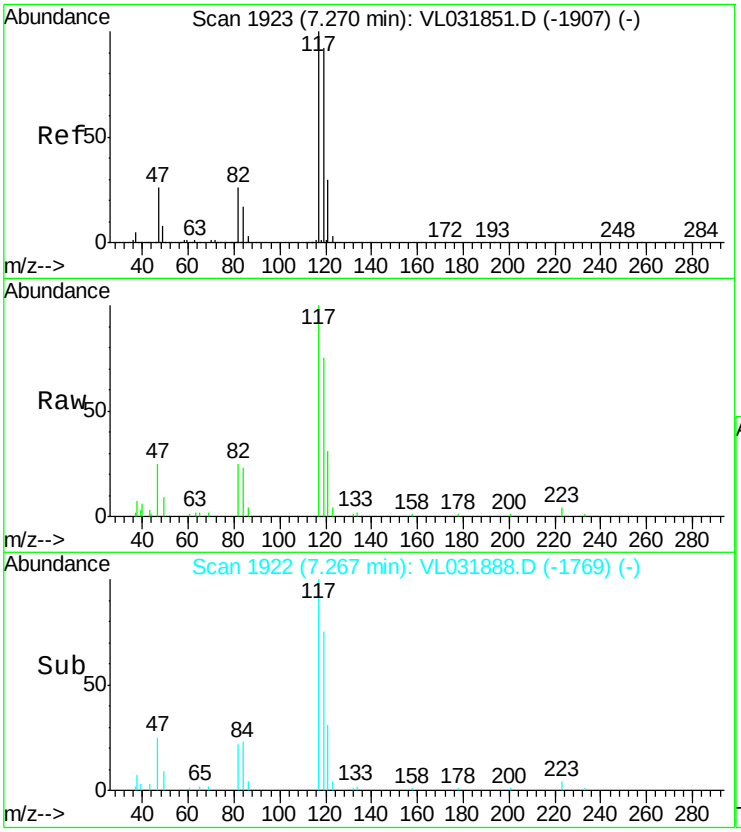


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.42 min Scan# 1971
Delta R.T. -0.01 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Tgt Ion:114 Resp: 2511367

Ion	Ratio	Lower	Upper
114	100		
63	27.2	21.8	32.6
88	18.4	14.6	22.0



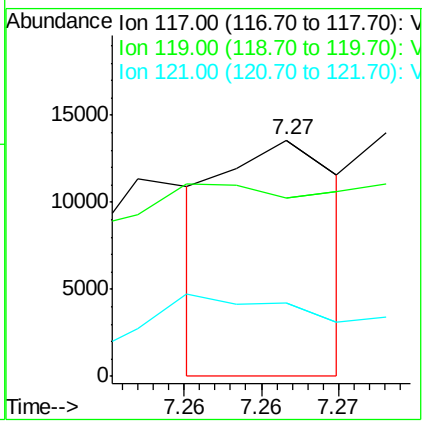


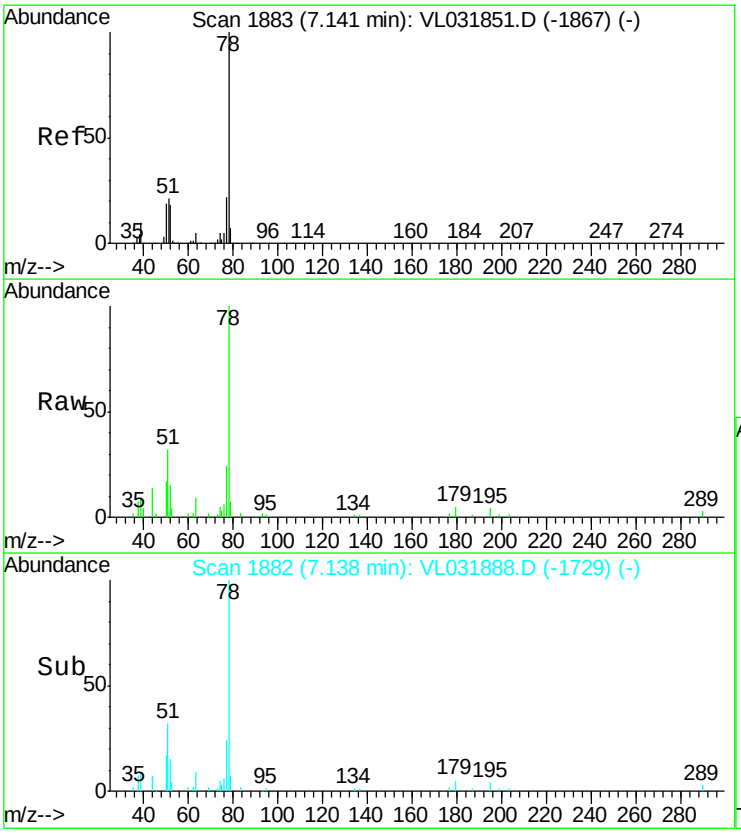
#35
Carbon Tetrachloride
Concen: 0.03 ppbv
RT: 7.27 min Scan# 1922
Delta R.T. -0.01 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2018

Tgt Ion:117 Resp: 7156

Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.9	115.3#
121	39.3	24.5	36.7#

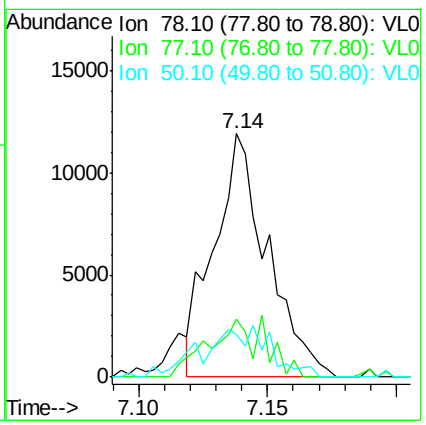


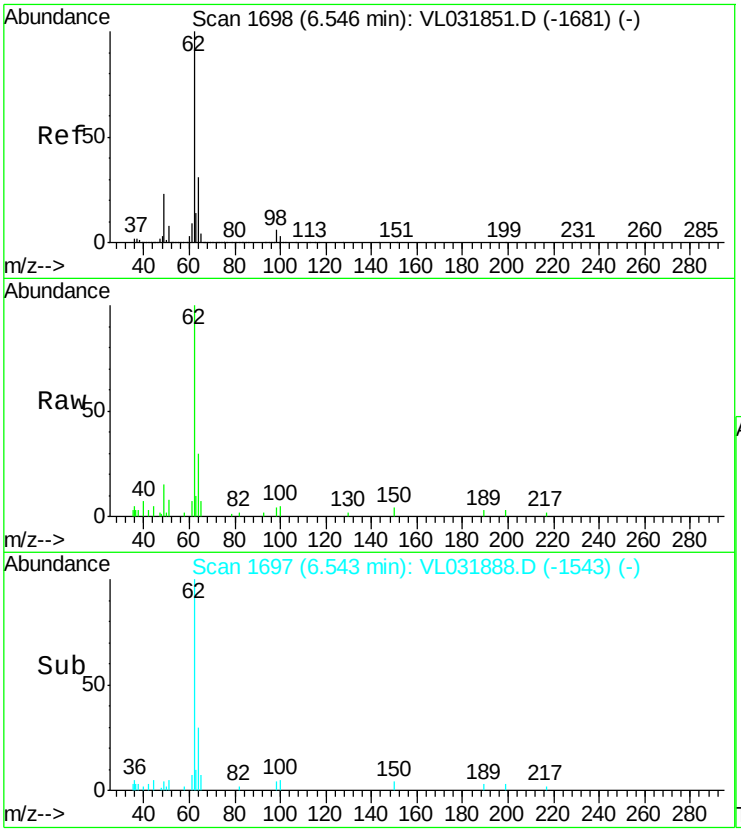


#36
Benzene
Concen: 0.08 ppbv
RT: 7.14 min Scan# 1882
Delta R.T. -0.01 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Tgt Ion: 78 Resp: 17199

Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.2	28.8
50	17.4	16.7	25.1



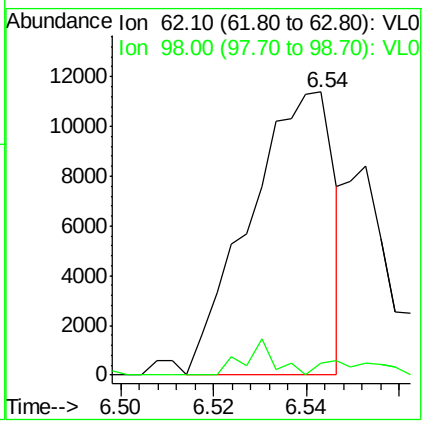


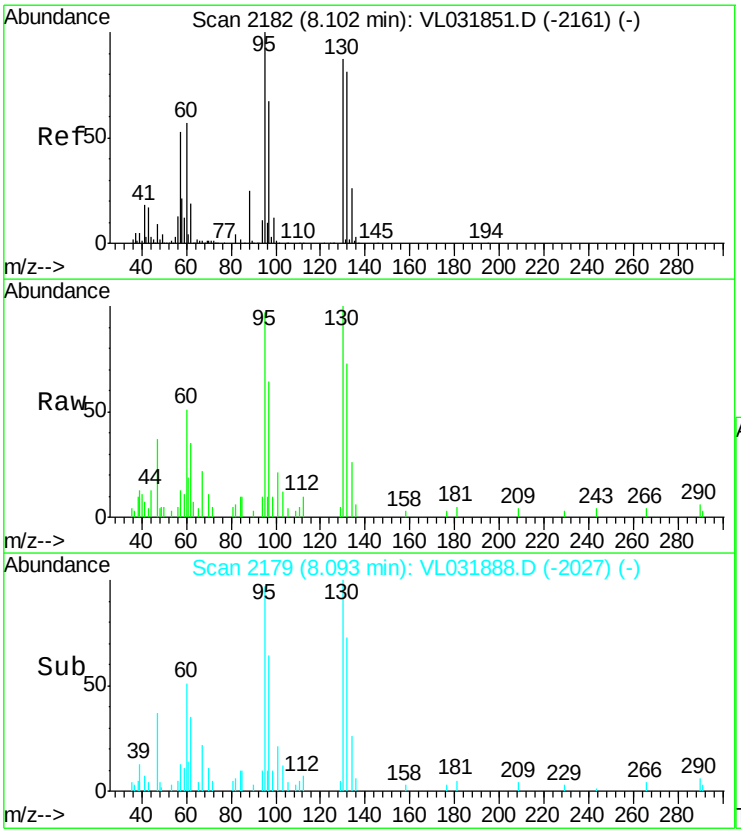
#37
1,2-Dichloroethane
Concen: 0.09 ppbv
RT: 6.54 min Scan# 1697
Delta R.T. -0.00 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2018

Tgt Ion: 62 Resp: 14317

Ion	Ratio	Lower	Upper
62	100		
98	7.8	4.0	6.0#

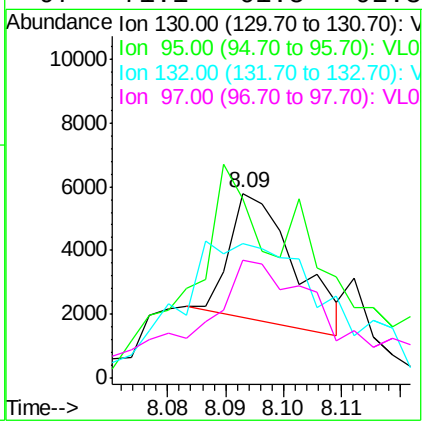


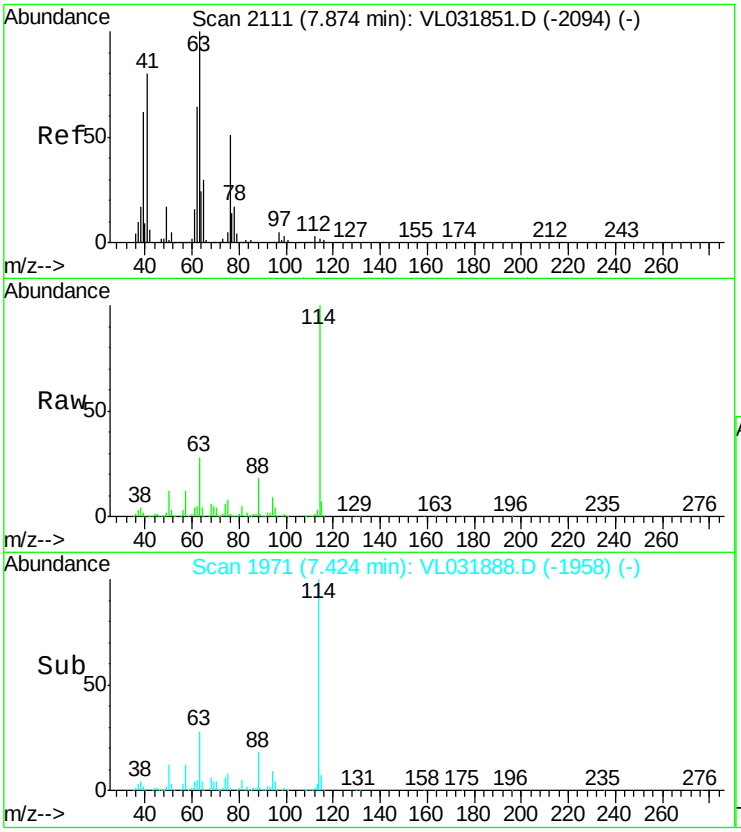


#38
Trichloroethene
Concen: 0.03 ppbv
RT: 8.09 min Scan# 2179
Delta R.T. -0.01 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Tgt Ion:130 Resp: 3032

Ion	Ratio	Lower	Upper
130	100		
95	79.9	96.6	144.8#
132	62.6	79.1	118.7#
97	71.1	61.5	92.3



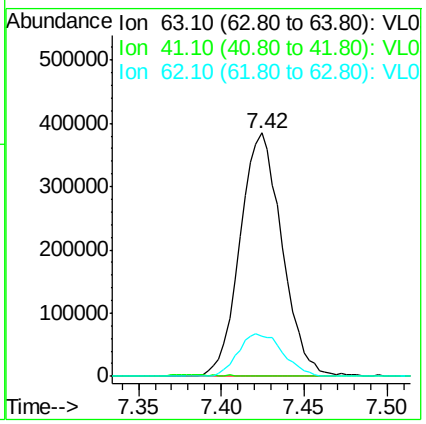


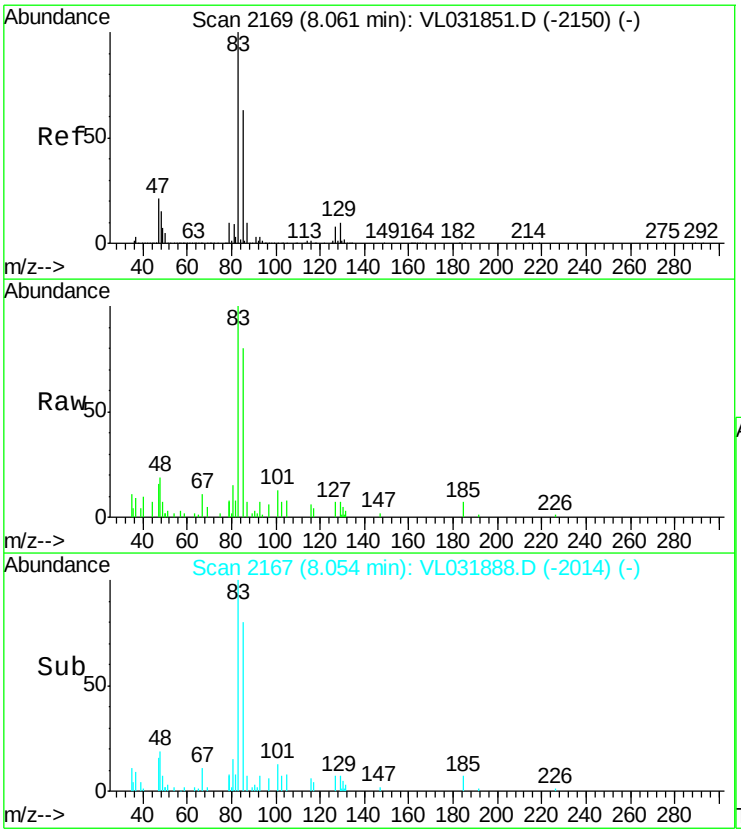
#39
1,2-Dichloropropane
Concen: 8.05 ppbv
RT: 7.42 min Scan# 1971
Delta R.T. -0.46 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2018

Tgt Ion: 63 Resp: 675721

Ion	Ratio	Lower	Upper
63	100		
41	0.2	65.8	98.6#
62	16.6	55.0	82.6#

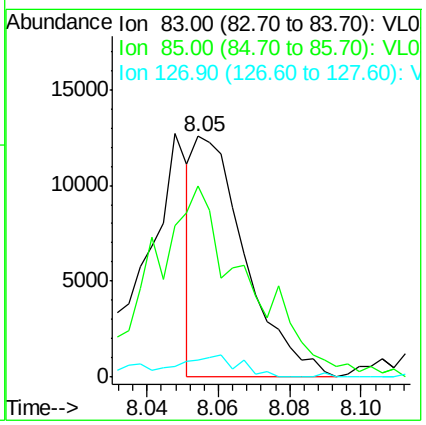


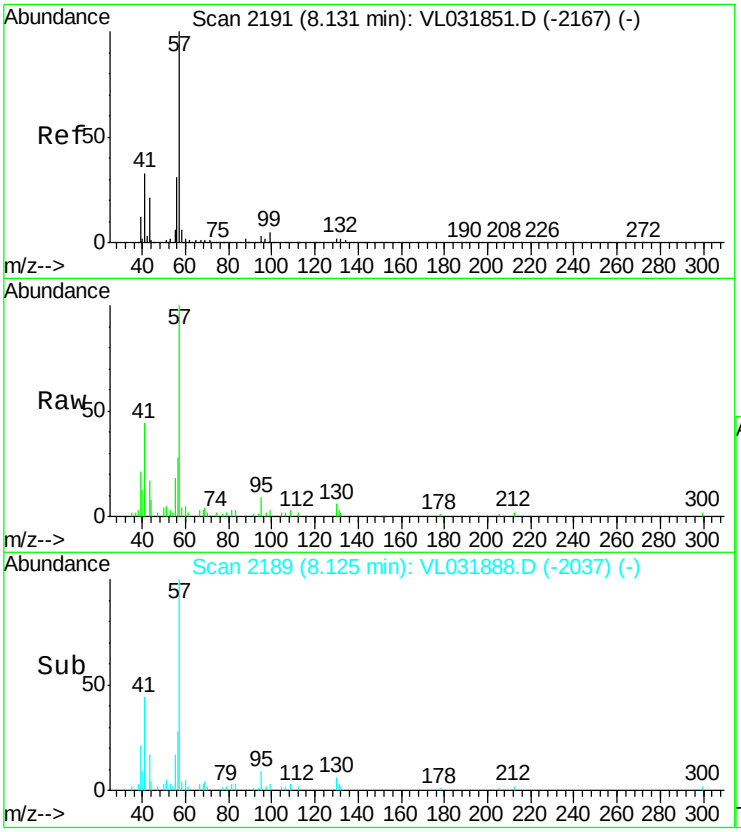


#42
Bromodichloromethane
Concen: 0.06 ppbv
RT: 8.05 min Scan# 2167
Delta R.T. -0.01 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Tgt Ion: 83 Resp: 12559

Ion	Ratio	Lower	Upper
83	100		
85	75.0	50.5	75.7
127	7.3	6.0	9.0



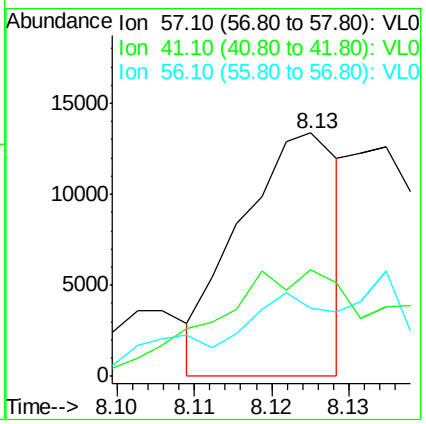


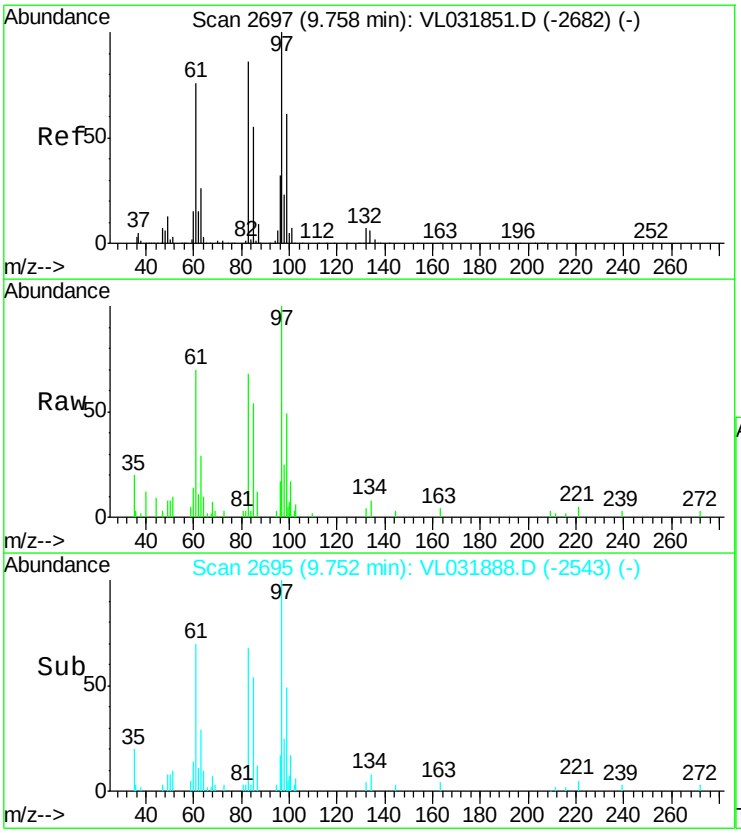
#44
2,2,4-Trimethylpentane
Concen: 0.03 ppbv
RT: 8.13 min Scan# 2189
Delta R.T. -0.01 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2018

Tgt Ion: 57 Resp: 11953

Ion	Ratio	Lower	Upper
57	100		
41	109.4	27.0	40.6#
56	0.0	24.1	36.1#

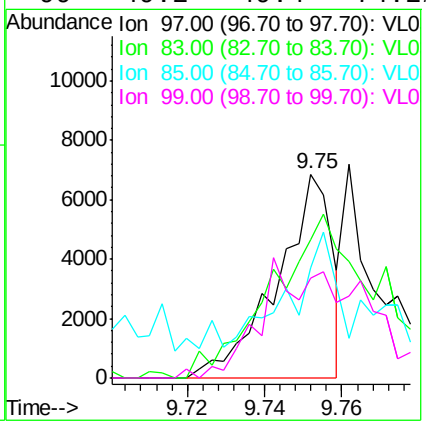


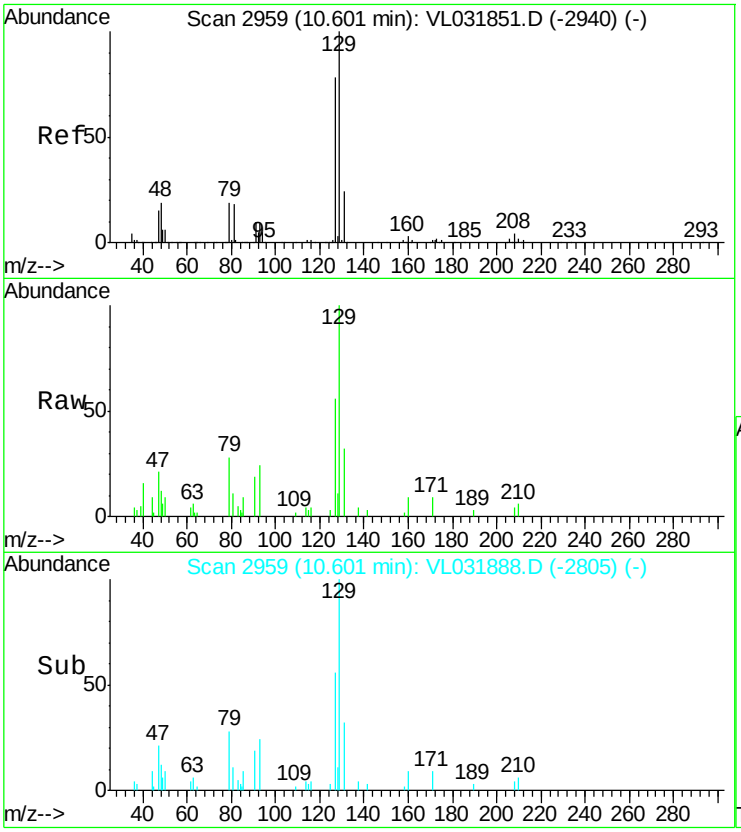


#47
1,1,2-Trichloroethane
Concen: 0.07 ppbv
RT: 9.75 min Scan# 2695
Delta R.T. -0.01 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Tgt Ion: 97 Resp: 6742

Ion	Ratio	Lower	Upper
97	100		
83	68.0	69.1	103.7#
85	34.5	43.7	65.5#
99	49.2	49.4	74.2#



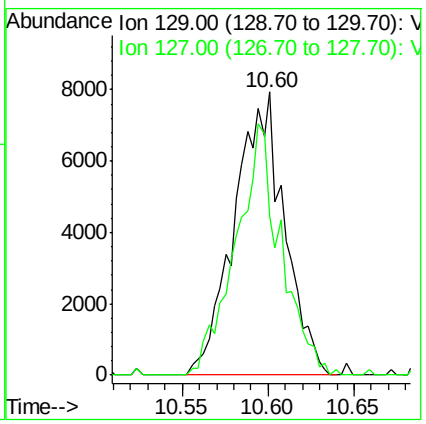


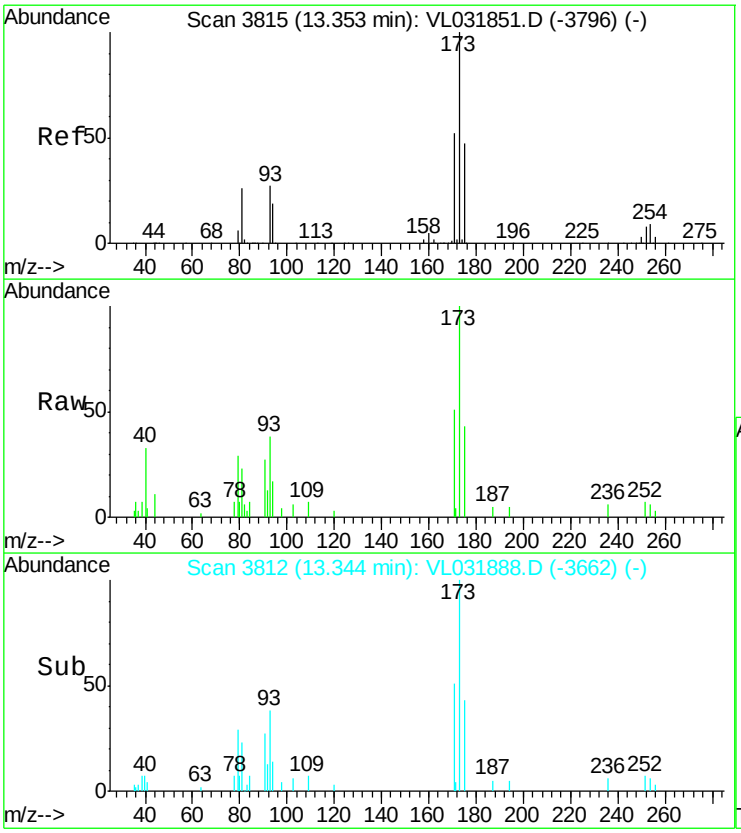
#48
Dibromochloromethane
Concen: 0.10 ppbv
RT: 10.60 min Scan# 2959
Delta R.T. -0.00 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2018

Tgt Ion:129 Resp: 15981

Ion	Ratio	Lower	Upper
129	100		
127	80.2	39.1	117.5

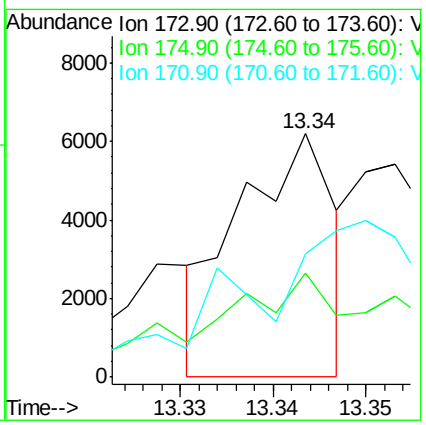


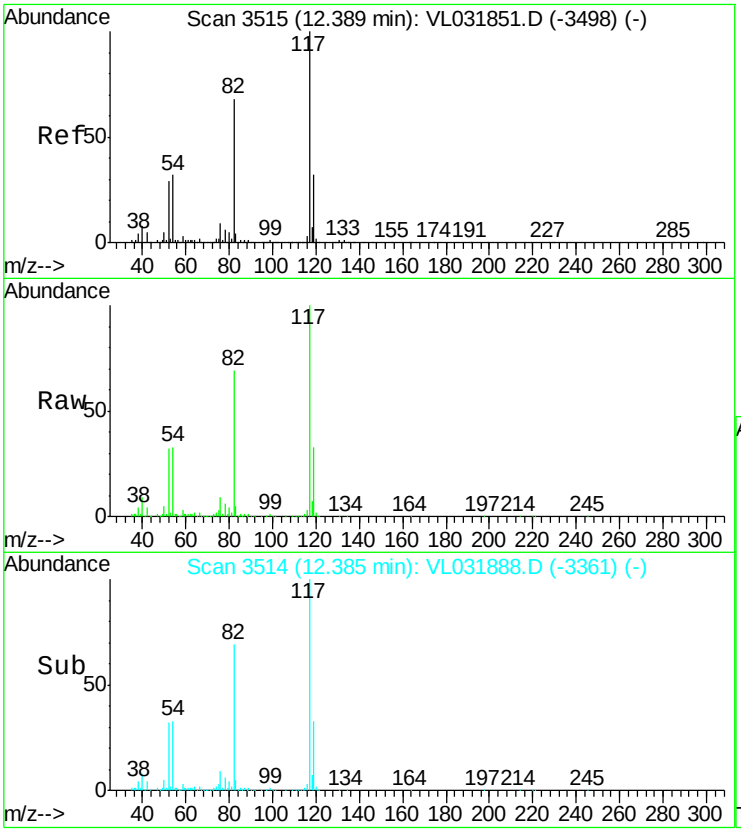


#49
Bromoform
Concen: 0.04 ppbv
RT: 13.34 min Scan# 3812
Delta R.T. -0.02 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Tgt Ion:173 Resp: 4417

Ion	Ratio	Lower	Upper
173	100		
175	119.9	39.0	58.6#
171	0.0	41.4	62.0#



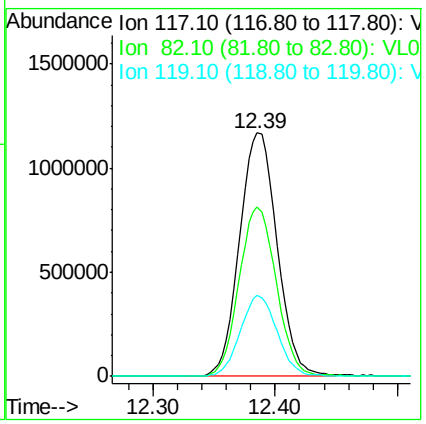


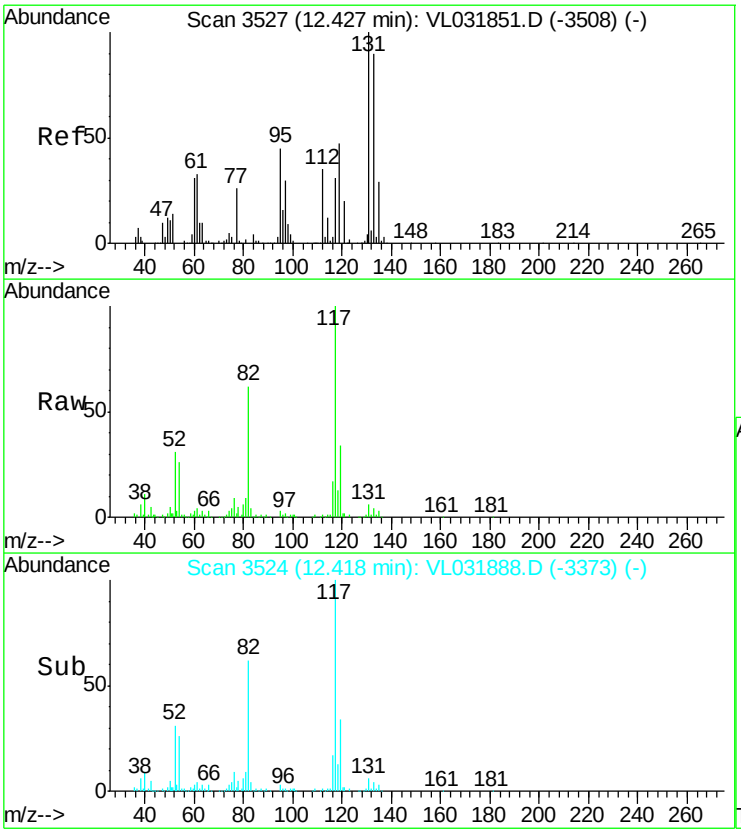
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.39 min Scan# 3514
Delta R.T. -0.01 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2018

Tgt Ion:117 Resp: 2485498

Ion	Ratio	Lower	Upper
117	100		
82	69.4	54.6	81.8
119	32.8	26.0	39.0

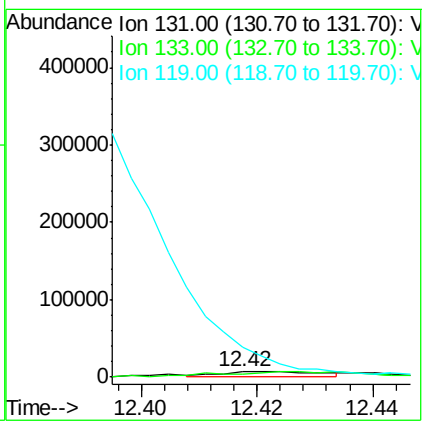


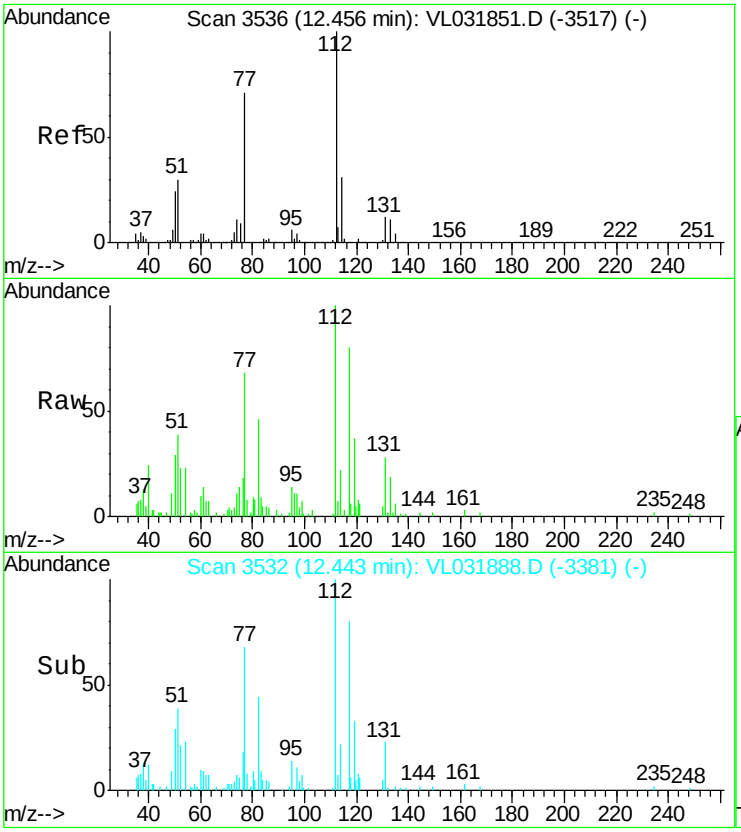


#56
1,1,1,2-Tetrachloroethane
Concen: 0.07 ppbv
RT: 12.42 min Scan# 3524
Delta R.T. -0.01 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Tgt Ion:131 Resp: 8255

Ion	Ratio	Lower	Upper
131	100		
133	0.0	76.1	114.1#
119	0.0	106.3	159.5#



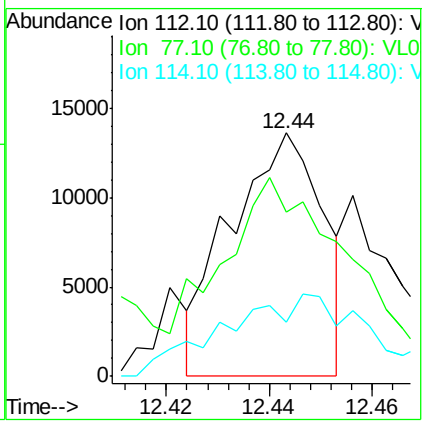


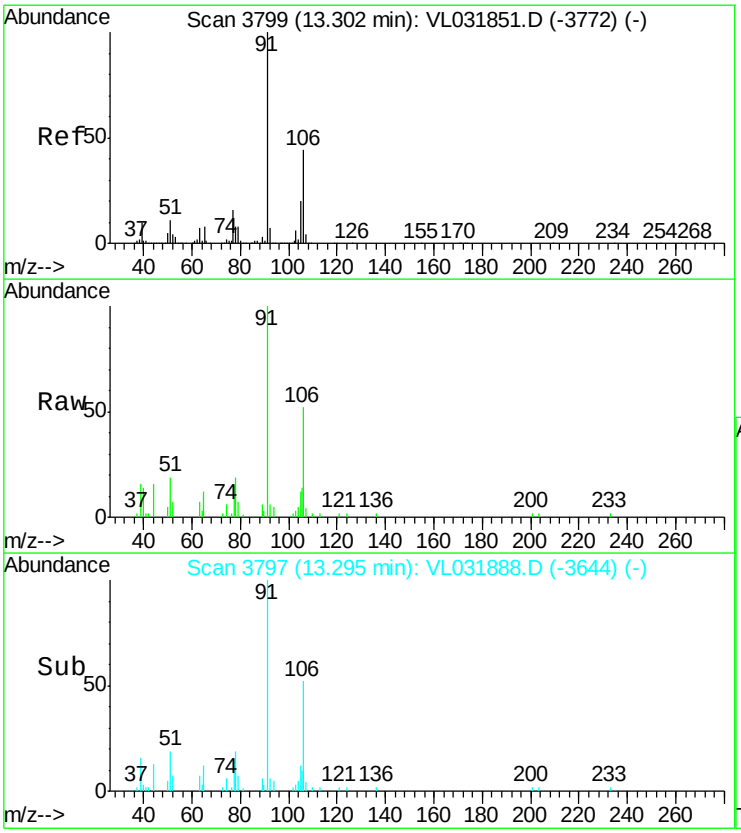
#57
Chlorobenzene
Concen: 0.08 ppbv
RT: 12.44 min Scan# 3532
Delta R.T. -0.01 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2018

Tgt Ion:112 Resp: 16968

Ion	Ratio	Lower	Upper
112	100		
77	34.1	57.0	85.6#
114	10.4	28.5	34.9#

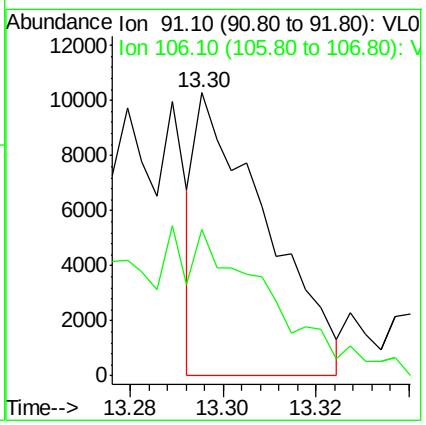


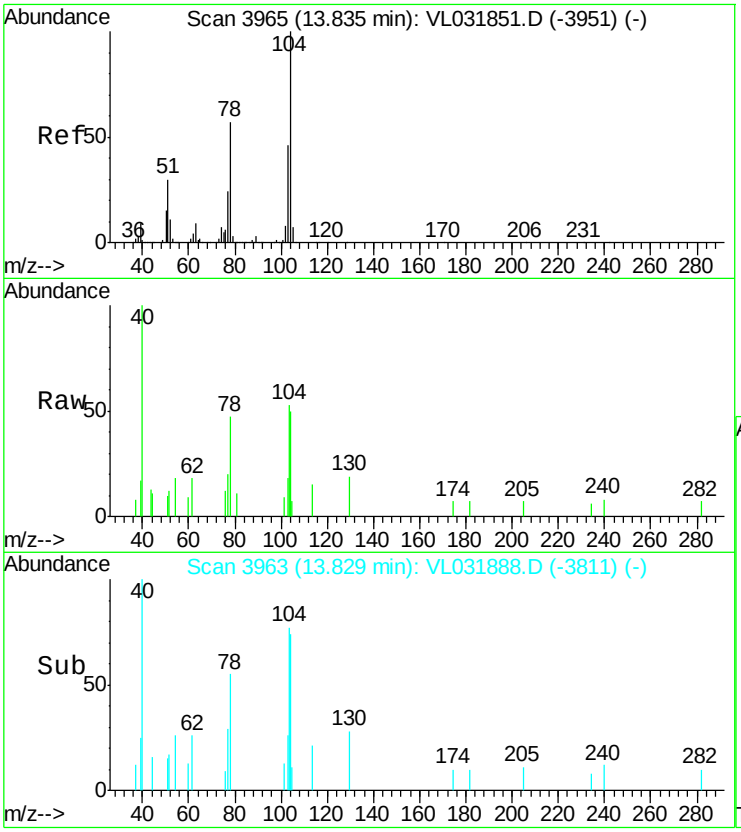


#59
m/p-Xylene
Concen: 0.04 ppbv
RT: 13.30 min Scan# 3797
Delta R.T. -0.01 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Tgt Ion: 91 Resp: 10782

Ion	Ratio	Lower	Upper
91	100		
106	72.3	35.5	53.3#



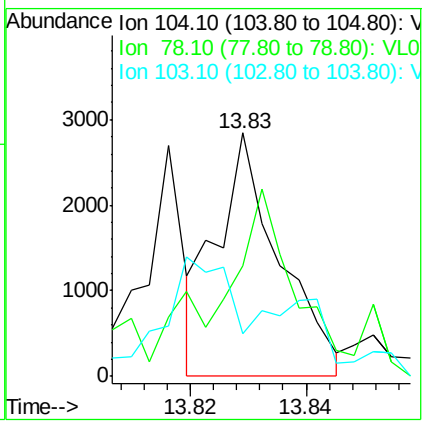


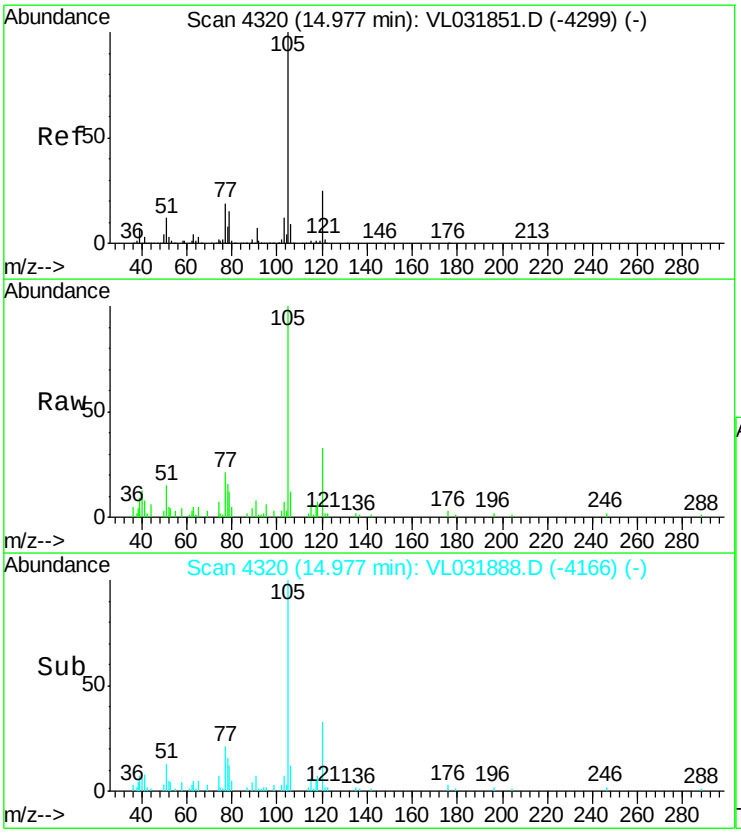
#61
Styrene
Concen: 0.04 ppbv
RT: 13.83 min Scan# 3963
Delta R.T. -0.01 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT2-2018

Tgt Ion:104 Resp: 2130

Ion	Ratio	Lower	Upper
104	100		
78	120.0	44.4	66.6#
103	0.0	37.9	56.9#

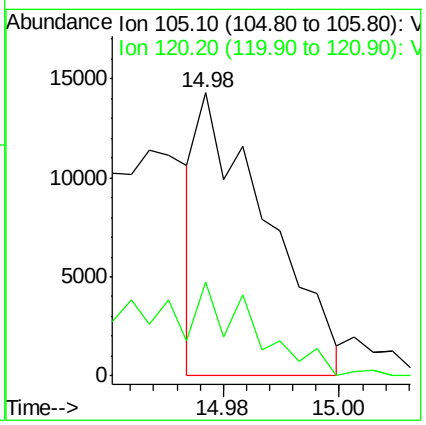


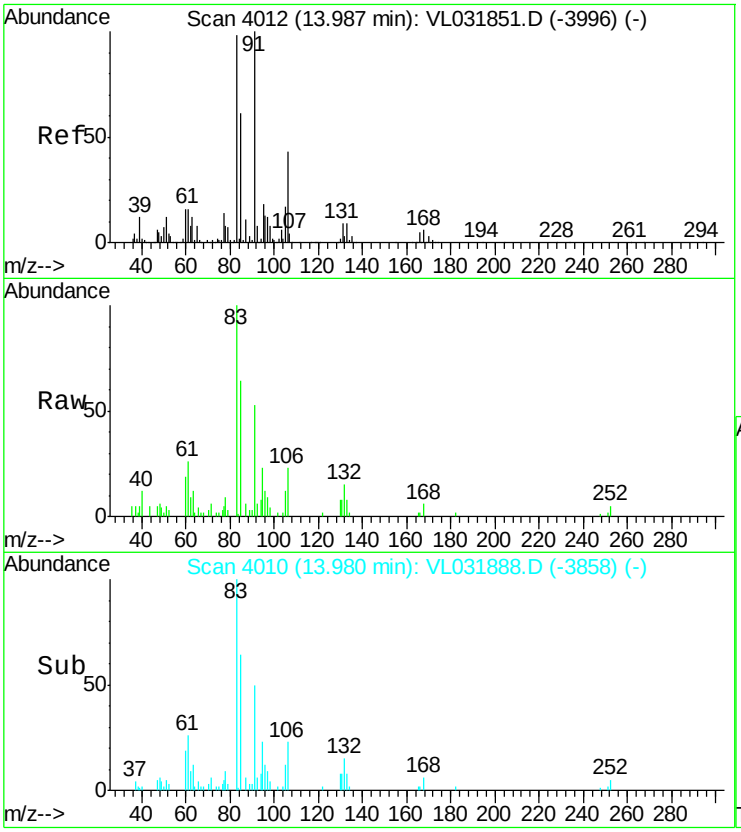


#62
Isopropylbenzene
Concen: 0.03 ppbv
RT: 14.98 min Scan# 4320
Delta R.T. -0.00 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Tgt Ion:105 Resp: 11793

Ion	Ratio	Lower	Upper
105	100		
120	64.6	19.4	29.2#



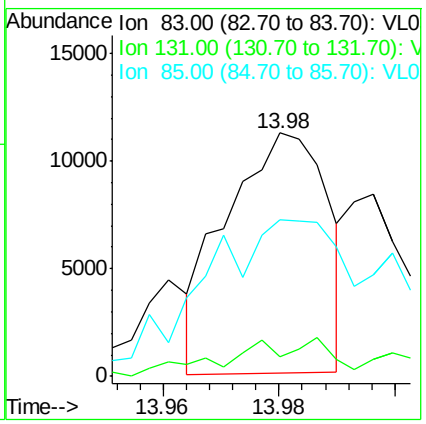


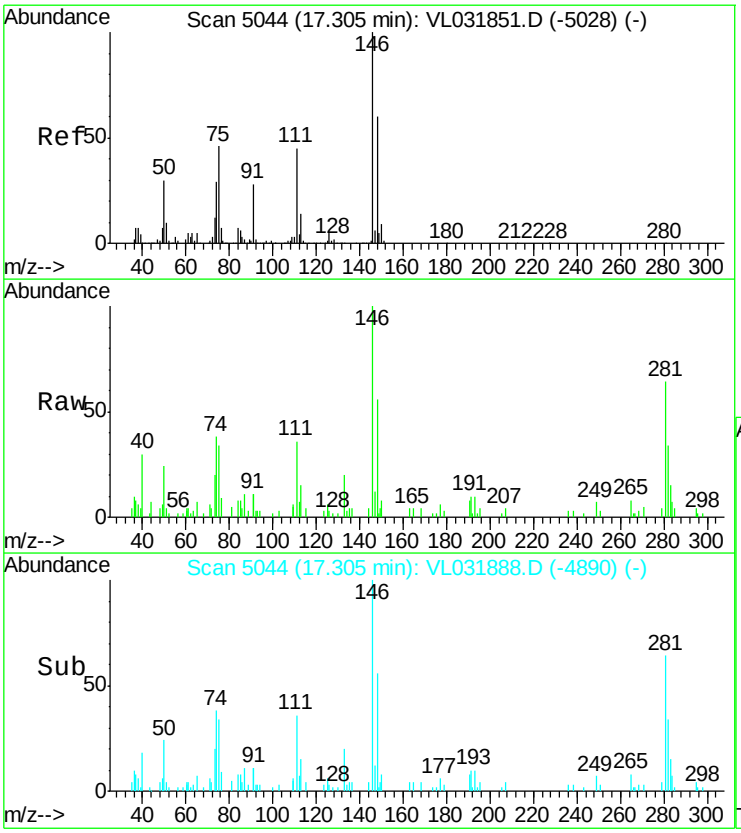
#63
1,1,2,2-Tetrachloroethane
Concen: 0.06 ppbv
RT: 13.98 min Scan# 4010
Delta R.T. -0.01 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2018

Tgt Ion: 83 Resp: 13564

Ion	Ratio	Lower	Upper
83	100		
131	23.5	4.9	14.6#
85	139.5	32.2	96.6#

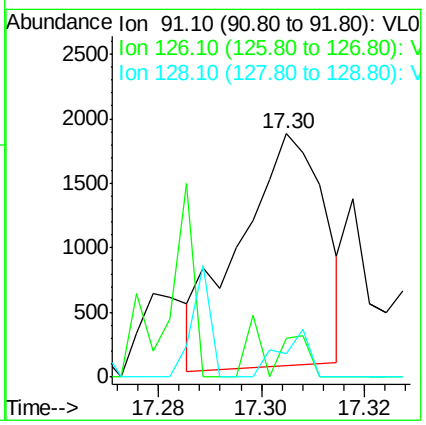


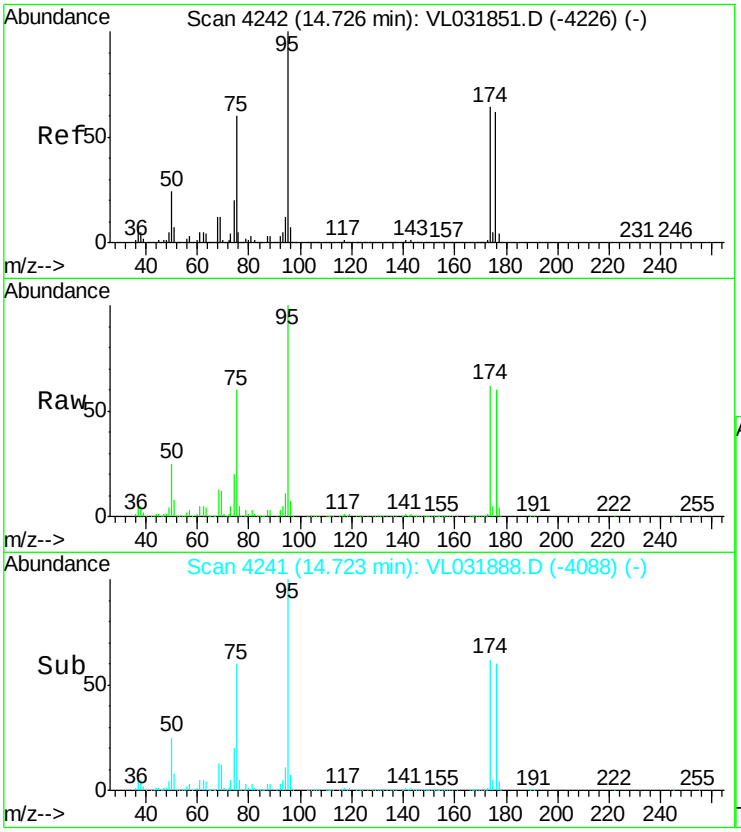


#66
Benzyl Chloride
Concen: 0.07 ppbv
RT: 17.30 min Scan# 5044
Delta R.T. -0.00 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Tgt Ion: 91 Resp: 2050

Ion	Ratio	Lower	Upper
91	100		
126	0.0	12.6	19.0#
128	7.3	4.0	6.0#



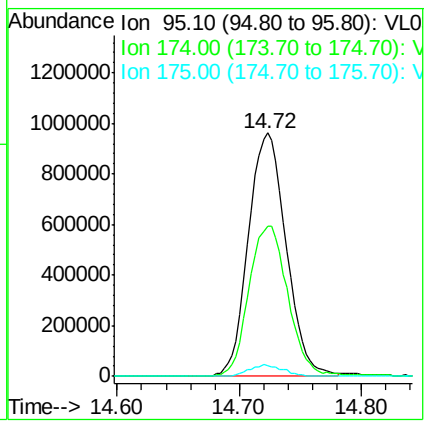


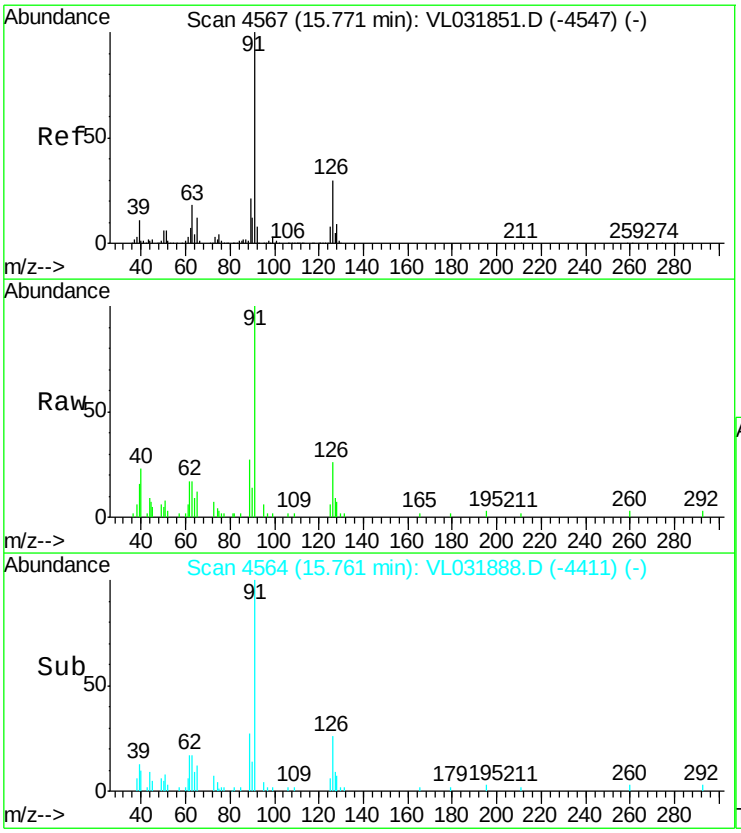
#68
1-Bromo-4-Fluorobenzene
Concen: 10.29 ppbv
RT: 14.72 min Scan# 4241
Delta R.T. -0.01 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2018

Tgt Ion: 95 Resp: 2056692

Ion	Ratio	Lower	Upper
95	100		
174	64.4	52.3	78.5
175	4.5	3.9	5.9

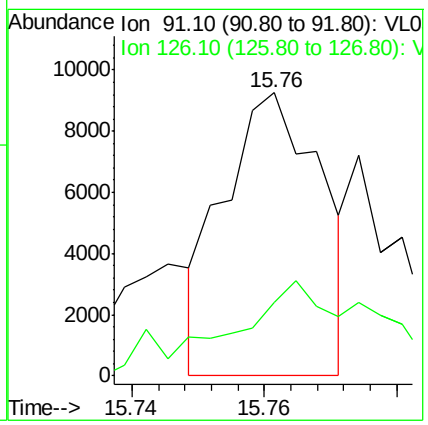


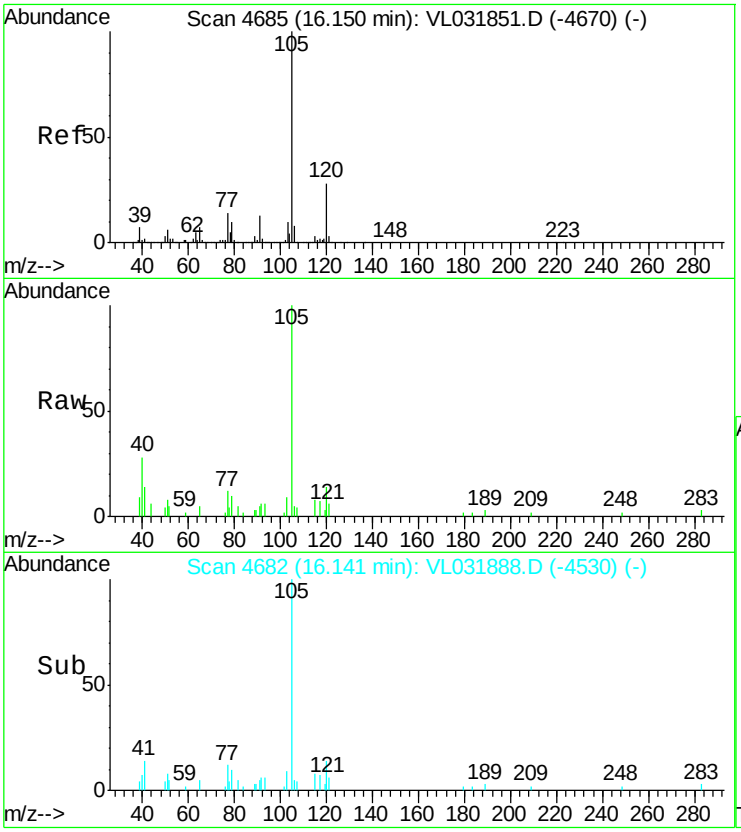


#71
2-Chlorotoluene
Concen: 0.03 ppbv
RT: 15.76 min Scan# 4564
Delta R.T. -0.01 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Tgt Ion: 91 Resp: 9477

Ion	Ratio	Lower	Upper
91	100		
126	53.1	11.6	46.2#



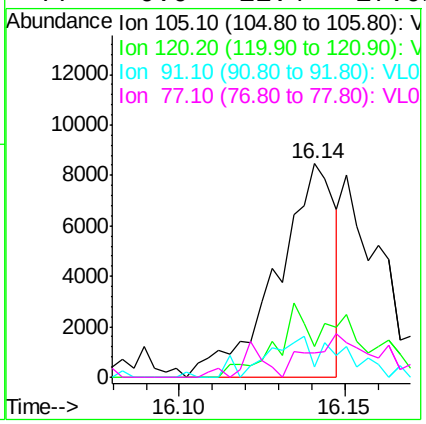


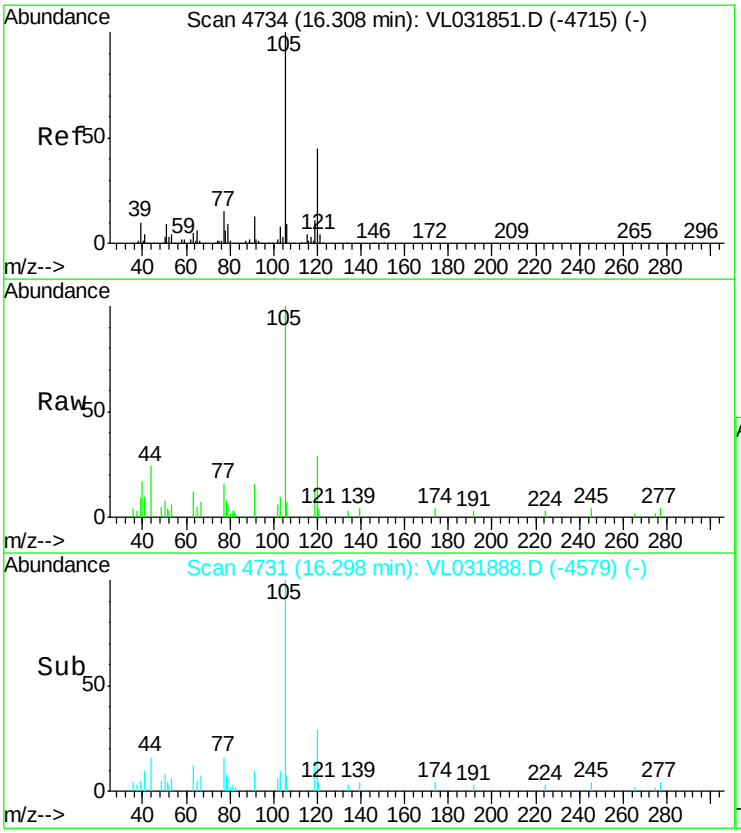
#72
4-Ethyltoluene
Concen: 0.03 ppbv
RT: 16.14 min Scan# 4682
Delta R.T. -0.01 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2018

Tgt Ion:105 Resp: 10281

Ion	Ratio	Lower	Upper
105	100		
120	49.4	22.7	34.1#
91	24.4	10.6	16.0#
77	0.0	11.4	17.0#

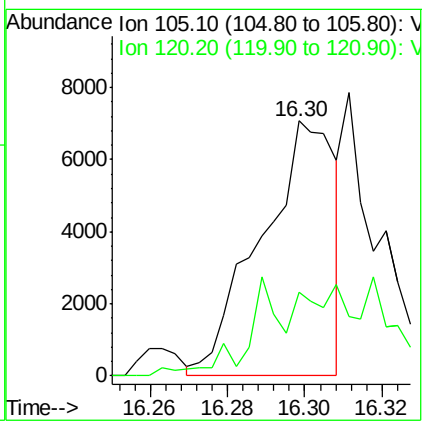


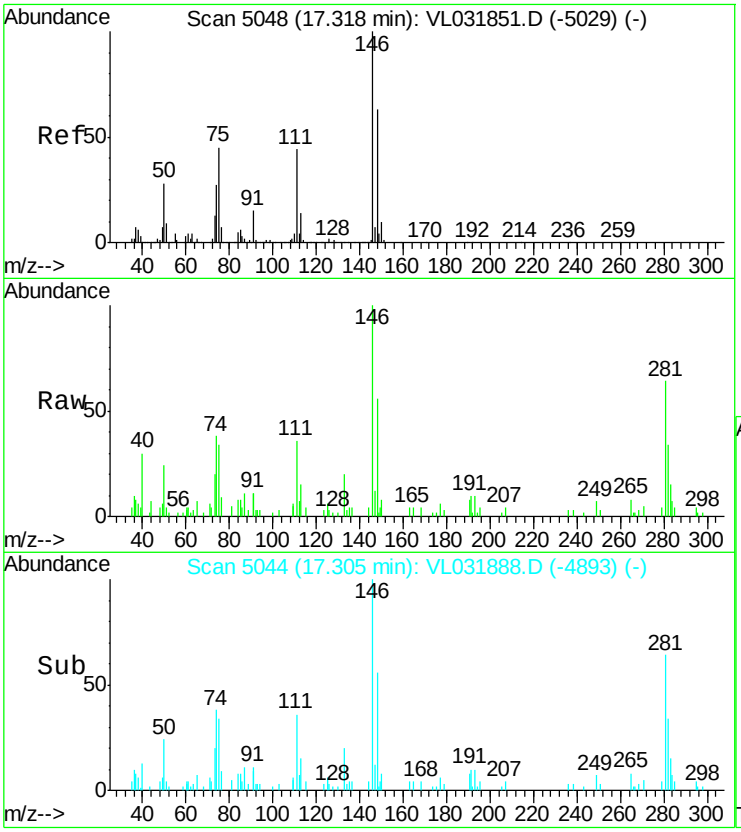


#73
1,3,5-Trimethylbenzene
Concen: 0.03 ppbv
RT: 16.30 min Scan# 4731
Delta R.T. -0.01 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Tgt Ion:105 Resp: 9365

Ion	Ratio	Lower	Upper
105	100		
120	31.1	35.3	52.9#



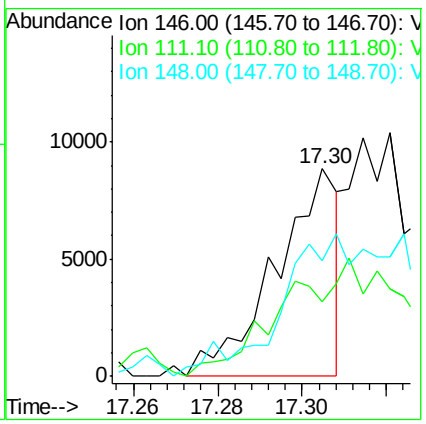


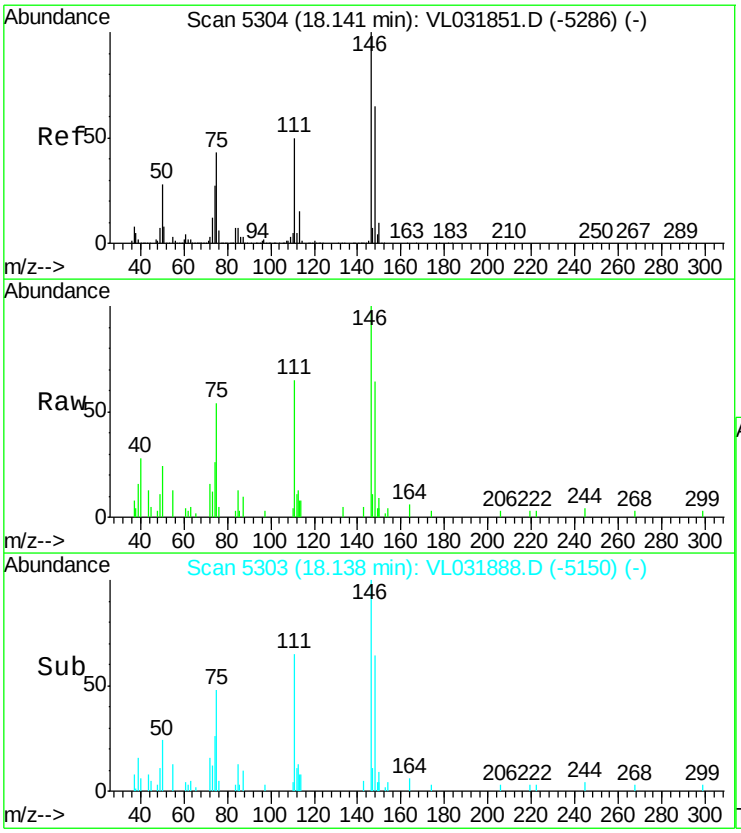
#75
1,3-Dichlorobenzene
Concen: 0.05 ppbv
RT: 17.30 min Scan# 5044
Delta R.T. -0.01 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2018

Tgt Ion:146 Resp: 9102

Ion	Ratio	Lower	Upper
146	100		
111	134.7	23.8	71.4#
148	0.0	32.0	96.2#

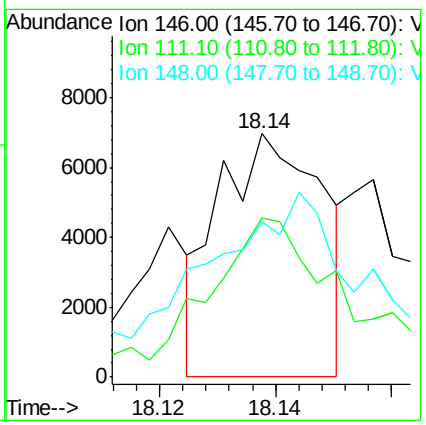


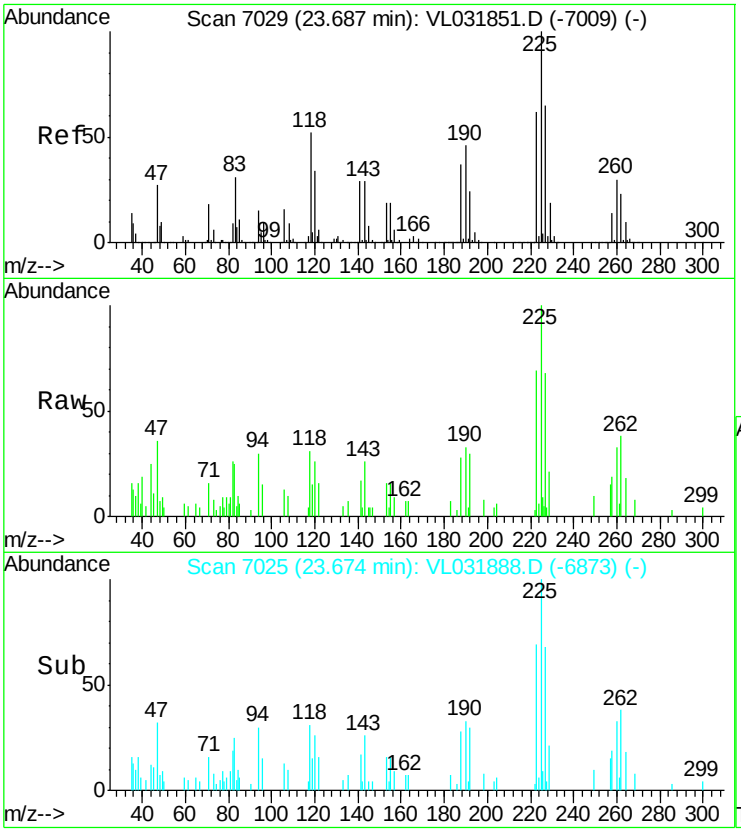


#77
1,2-Dichlorobenzene
Concen: 0.05 ppbv
RT: 18.14 min Scan# 5303
Delta R.T. -0.01 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Tgt Ion:146 Resp: 8650

Ion	Ratio	Lower	Upper
146	100		
111	94.7	24.3	72.8#
148	139.4	31.8	95.3#





#78
Hexachloro-1,3-Butadiene
Concen: 0.06 ppbv
RT: 23.67 min Scan# 7025
Delta R.T. -0.01 min
Lab File: VL031888.D
Acq: 19 Apr 2018 21:35

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2018

Tgt Ion:225 Resp: 4477

Ion	Ratio	Lower	Upper
225	100		
223	174.4	50.6	76.0#
227	0.0	52.2	78.4#