Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032519\
Data File : VL033445.D
Acq On : 25 Mar 2019 20:50
Operator : SY/AP
Sample : K1560-14 0.06 PPB
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : LOQ-AIR-02-QT1-2019

Quant Time: Mar 26 05:20:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 25 16:04:49 2019
QLast Update : Mon Mar 25 16:04:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.76	49	750719	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.29	114	1748225	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.24	117	1697434	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.58	95	1351963	10.16	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.22	85	8613	0.079	ppbv		96
3) Chlorodifluoromethane	3.02	51	6045	0.070	ppbv	#	89
4) Chloromethane	3.17	50	1857	0.041	ppbv		93
5) Vinyl Chloride	3.29	62	1978	0.044	ppbv	#	44
6) Bromomethane	3.51	94	1876	0.065	ppbv	#	53
7) Chloroethane	3.60	64	833	0.050	ppbv	#	41
8) Dichlorotetrafluoroethane	3.22	85	8613	0.074	ppbv		94
9) Propene	3.04	41	2482	0.068	ppbv	#	82
11) Trichlorofluoromethane	4.00	101	5343	0.040	ppbv		100
12) 1,1,2-Trichlorotrifluoroet	4.55	101	6672	0.074	ppbv		94
13) Ethanol	3.66	45	450	0.053	ppbv	#	18
15) Acetone	3.93	43	7887	0.087	ppbv	#	80
16) 1,3-Butadiene	3.36	39	1927	0.054	ppbv	#	76
18) 1,1-Dichloroethene	4.35	96	2348	0.060	ppbv	#	87
20) Methylene Chloride	4.41	84	4780	0.125	ppbv	#	52
21) Allyl Chloride	4.47	41	3999	0.070	ppbv	#	93
22) trans-1,2-Dichloroethene	4.96	96	2230	0.055	ppbv		84
24) 1,1-Dichloroethane	5.08	63	4836	0.050	ppbv	#	93
25) Ethyl Acetate	5.79	43	9101	0.054	ppbv	#	87
26) Hexane	5.78	57	3192	0.043	ppbv	#	45
27) Carbon Disulfide	4.62	76	3143	0.035	ppbv	#	17
29) Chloroform	5.83	83	2832	0.022	ppbv		98
31) cis-1,2-Dichloroethene	5.63	61	2229	0.030	ppbv	#	86
32) 1,1,1-Trichloroethane	6.62	97	3883	0.032	ppbv	#	34
34) 2-Butanone	5.35	43	5777	0.055	ppbv	#	86
35) Carbon Tetrachloride	7.13	117	3460	0.030	ppbv	#	82
37) 1,2-Dichloroethane	6.41	62	2551	0.026	ppbv	#	84
38) Trichloroethene	7.96	130	1617	0.029	ppbv		94
39) 1,2-Dichloropropane	7.29	63	466303	8.115	ppbv	#	23
42) Bromodichloromethane	7.91	83	6672	0.050	ppbv	#	94
44) 2,2,4-Trimethylpentane	7.98	57	6781	0.026	ppbv	#	39
46) cis-1,3-Dichloropropene	8.84	75	2090	0.024	ppbv		95
47) 1,1,2-Trichloroethane	9.61	97	1815	0.028	ppbv	#	67
62) Isopropylbenzene	14.83	105	5994	0.022	ppbv	#	50
63) 1,1,2,2-Tetrachloroethane	13.84	83	5554	0.039	ppbv		66
64) n-propylbenzene	15.73	120	1599	0.023	ppbv	#	1
75) 1,3-Dichlorobenzene	17.16	146	5460	0.039	ppbv	#	36
76) 1,4-Dichlorobenzene	17.32	146	5981	0.044	ppbv		94
78) Hexachloro-1,3-Butadiene	23.54	225	3689	0.042	ppbv	#	44

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032519\
Data File : VL033445.D
Acq On : 25 Mar 2019 20:50
Operator : SY/AP
Sample : K1560-14 0.06 PPB
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2019

Quant Time: Mar 26 05:20:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 25 16:04:49 2019
QLast Update : Mon Mar 25 16:04:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

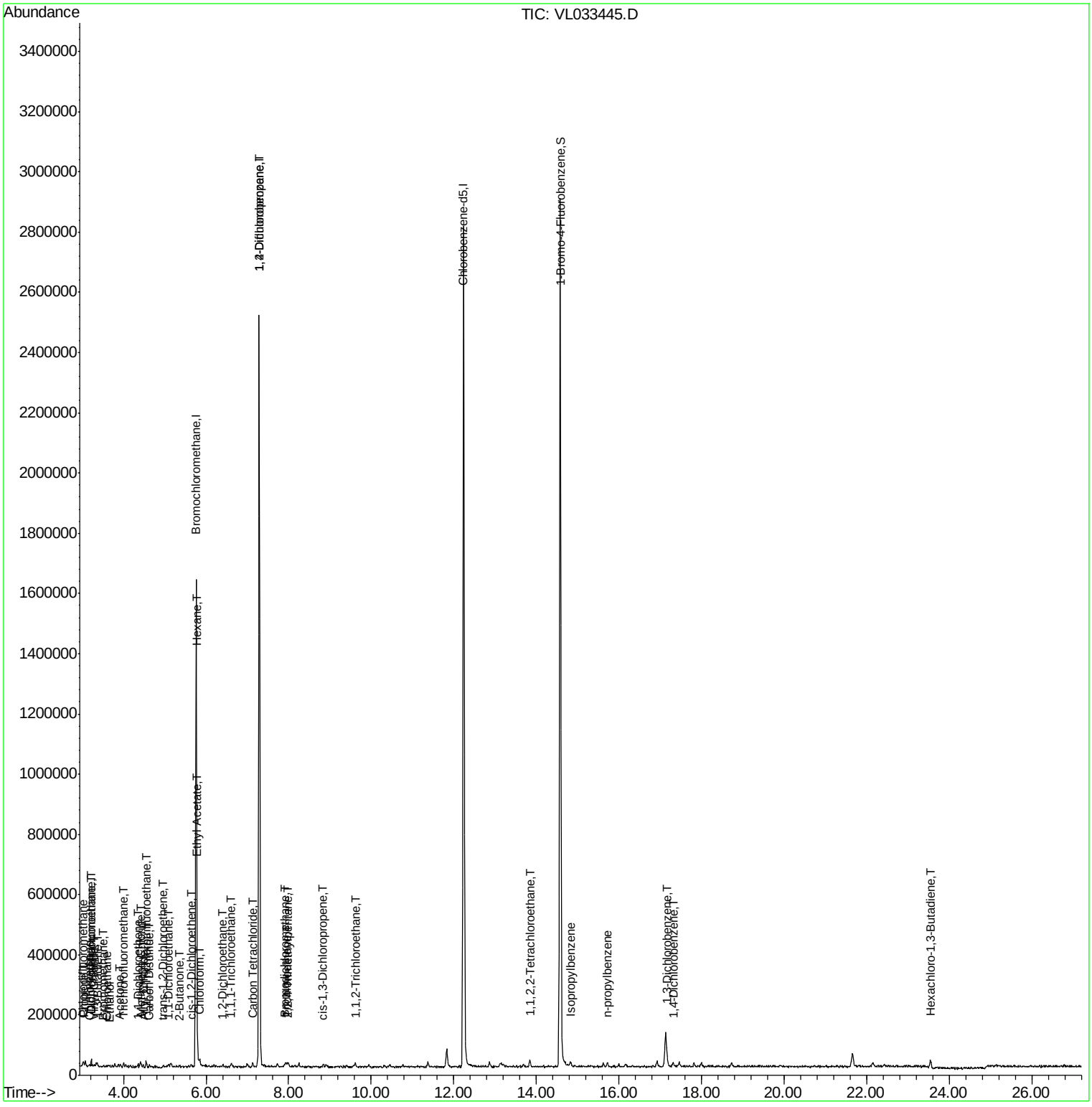
(#) = qualifier out of range (m) = manual integration (+) = signals summed

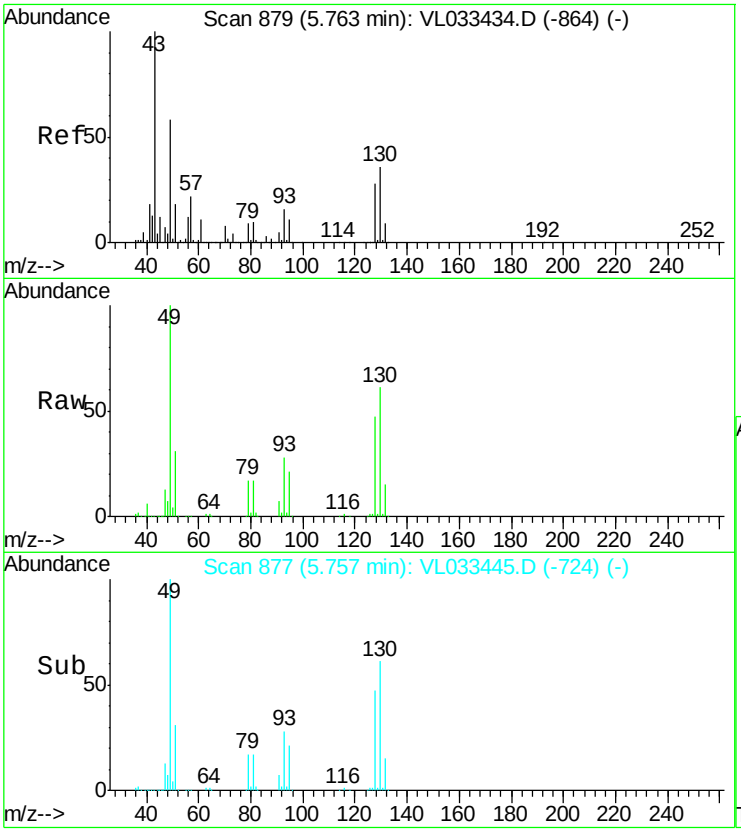
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032519\
Data File : VL033445.D
Acq On : 25 Mar 2019 20:50
Operator : SY/AP
Sample : K1560-14 0.06 PPB
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2019

Quant Time: Mar 26 05:20:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 25 16:04:49 2019
QLast Update : Mon Mar 25 16:04:49 2019
Response via : Initial Calibration



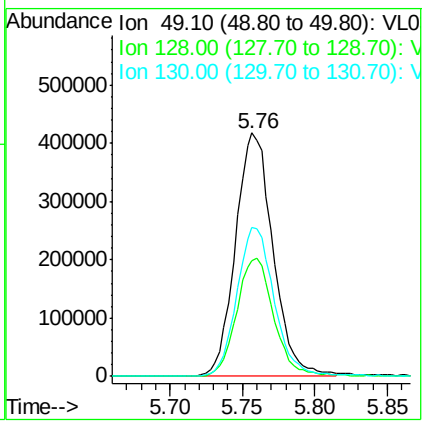


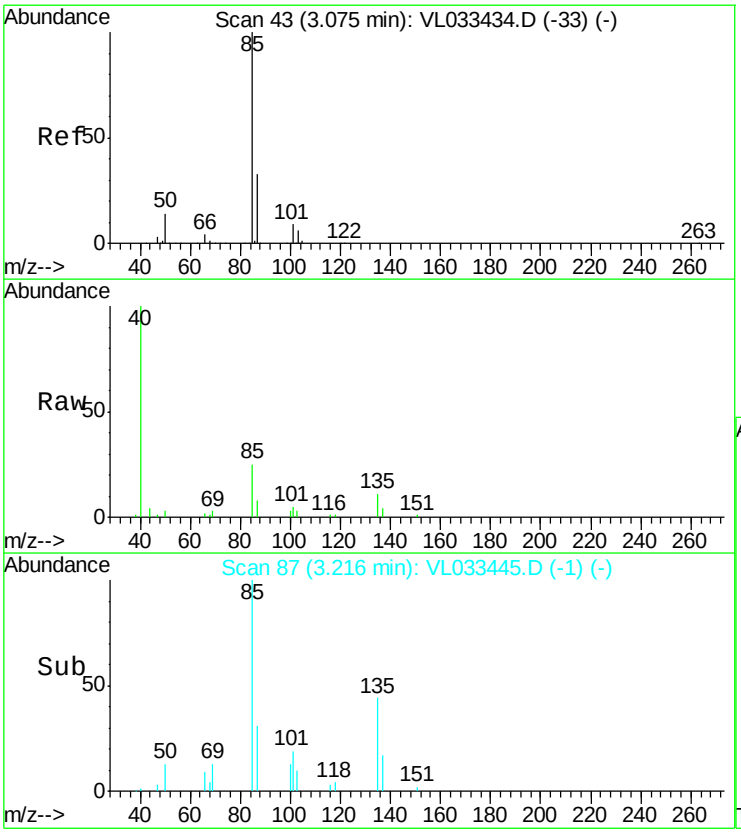
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 877
Delta R.T. -0.01 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2019

Tgt Ion: 49 Resp: 750719

Ion	Ratio	Lower	Upper
49	100		
128	48.5	24.0	72.0
130	61.3	31.2	93.6

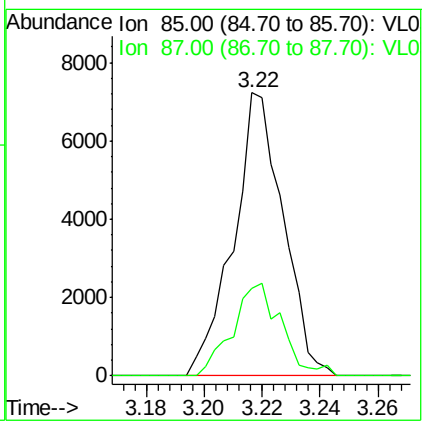


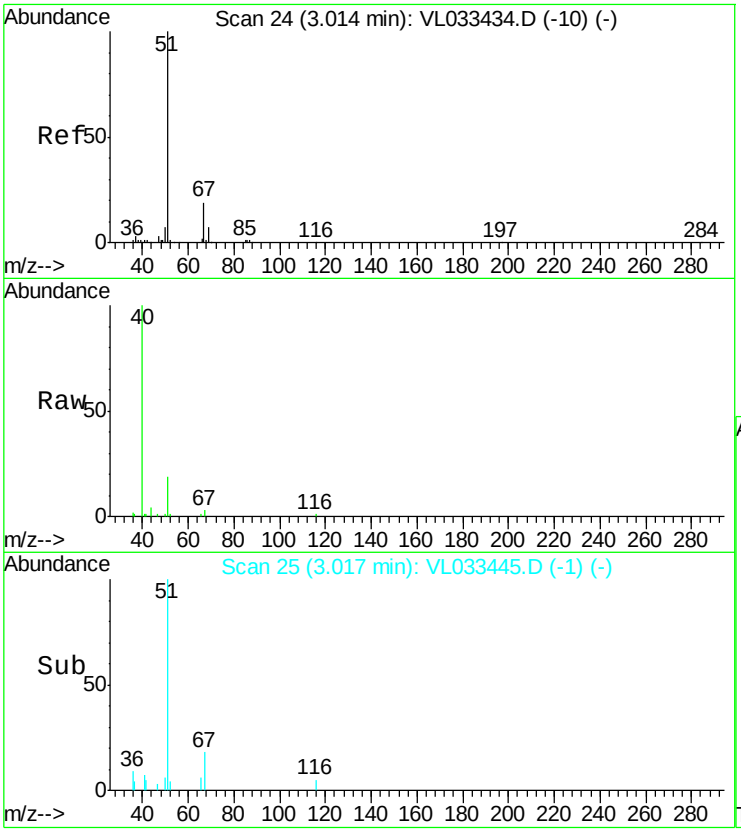


#2
Dichlorodifluoromethane
Concen: 0.079 ppbv
RT: 3.22 min Scan# 87
Delta R.T. 0.14 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Tgt Ion: 85 Resp: 8613

Ion	Ratio	Lower	Upper
85	100		
87	31.1	26.7	40.1



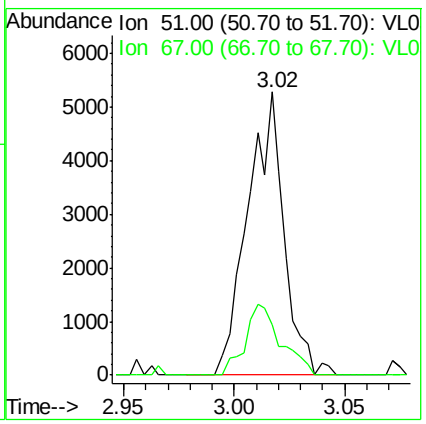


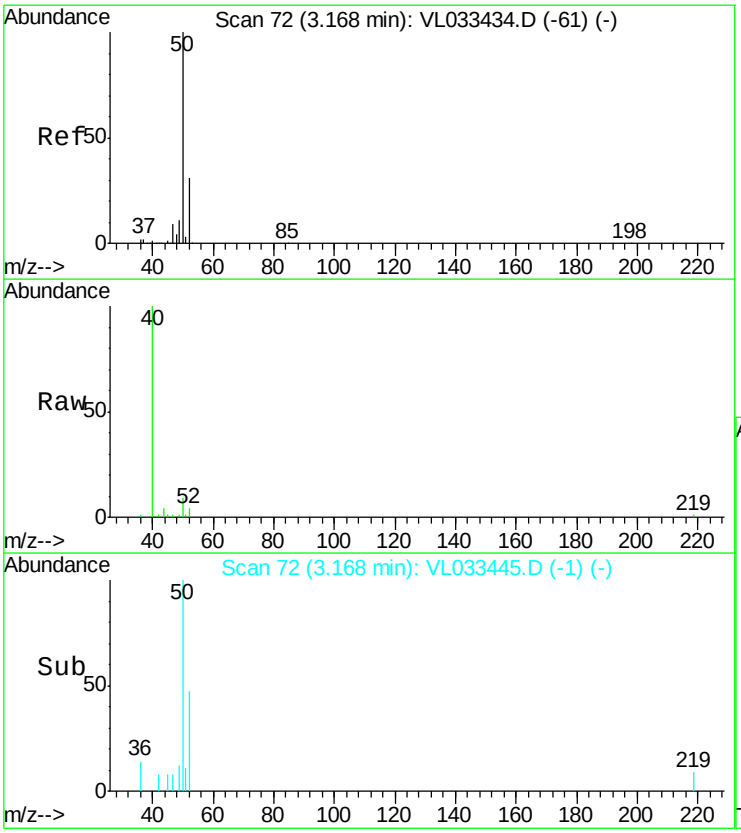
#3
Chlorodifluoromethane
Concen: 0.070 ppbv
RT: 3.02 min Scan# 25
Delta R.T. 0.00 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Instrument : MSVOA_L
ClientSampleId : LOQ-AIR-02-QT1-2019

Tgt Ion: 51 Resp: 6045

Ion	Ratio	Lower	Upper
51	100		
67	24.7	15.7	23.5#

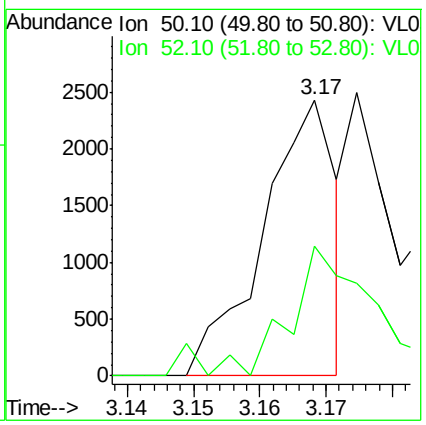


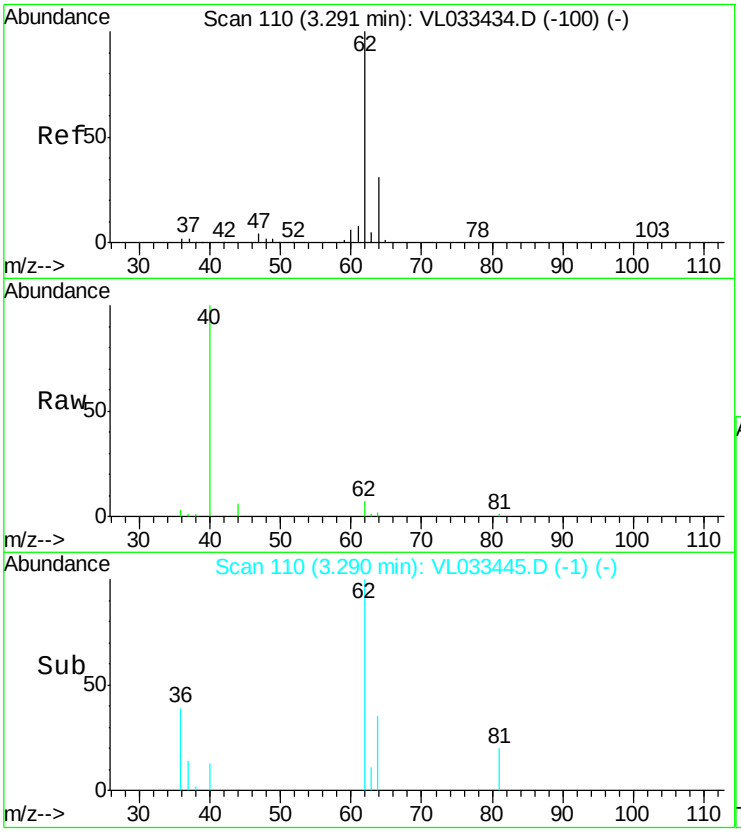


#4
Chloromethane
Concen: 0.041 ppbv
RT: 3.17 min Scan# 72
Delta R.T. -0.00 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Tgt Ion: 50 Resp: 1857

Ion	Ratio	Lower	Upper
50	100		
52	35.2	25.0	37.6



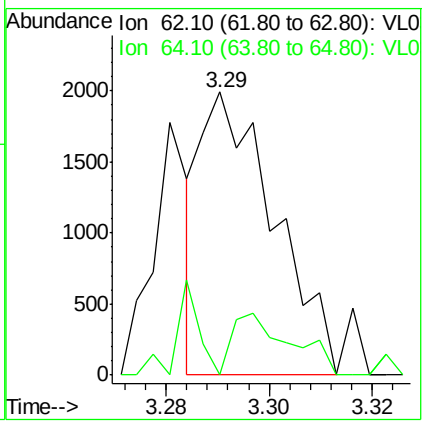


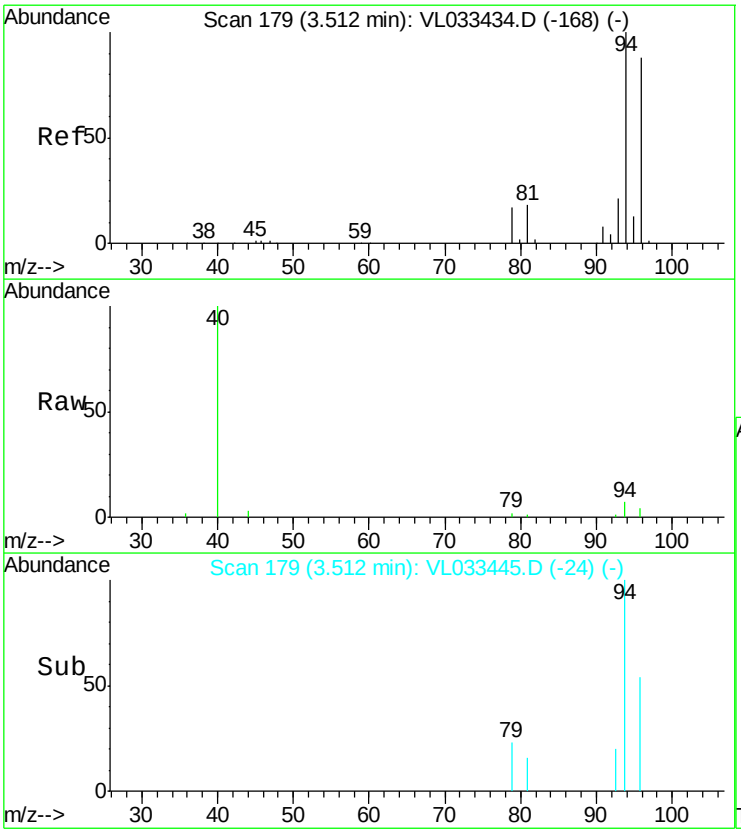
#5
Vinyl Chloride
Concen: 0.044 ppbv
RT: 3.29 min Scan# 110
Delta R.T. -0.00 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2019

Tgt Ion: 62 Resp: 1978

Ion	Ratio	Lower	Upper
62	100		
64	0.0	24.9	37.3#

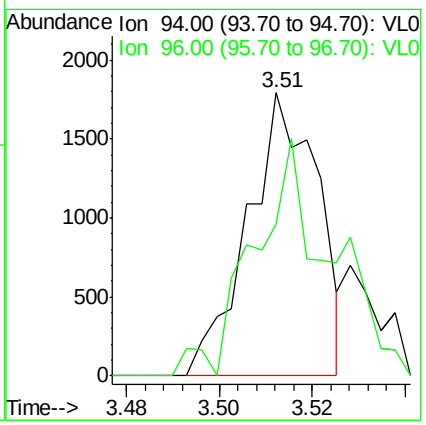


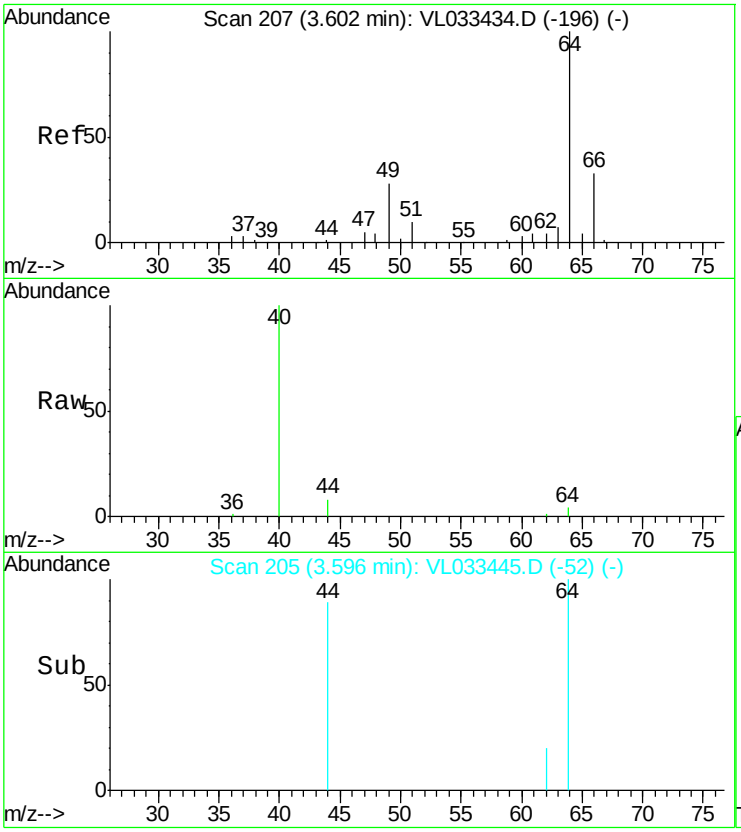


#6
Bromomethane
Concen: 0.065 ppbv
RT: 3.51 min Scan# 179
Delta R.T. -0.00 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Tgt Ion: 94 Resp: 1876

Ion	Ratio	Lower	Upper
94	100		
96	43.7	70.2	105.2#



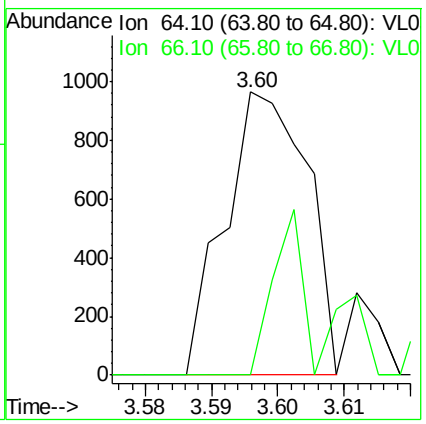


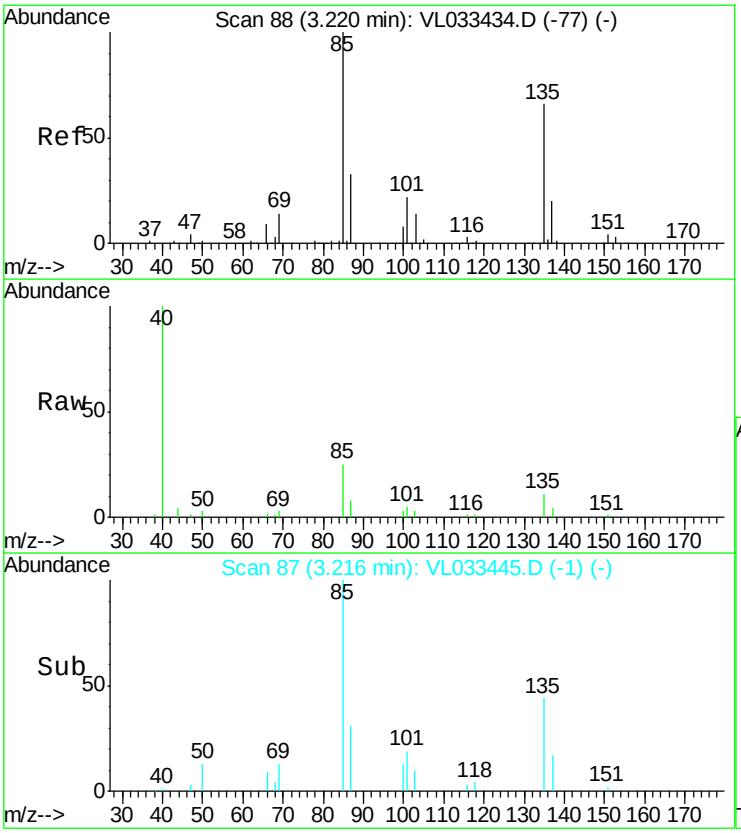
#7
Chloroethane
Concen: 0.050 ppbv
RT: 3.60 min Scan# 205
Delta R.T. -0.01 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2019

Tgt Ion: 64 Resp: 833

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.7	40.1#

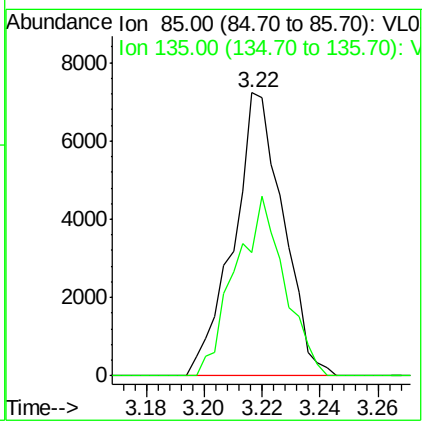


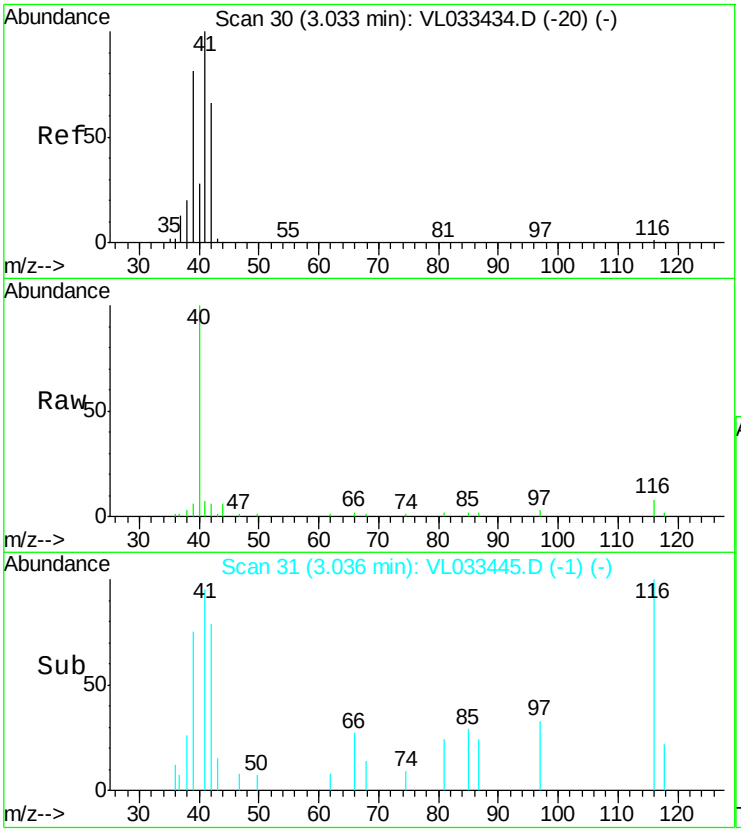


#8
Dichlorotetrafluoroethane
Concen: 0.074 ppbv
RT: 3.22 min Scan# 87
Delta R.T. -0.00 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Tgt Ion: 85 Resp: 8613

Ion	Ratio	Lower	Upper
85	100		
135	62.8	54.0	81.0



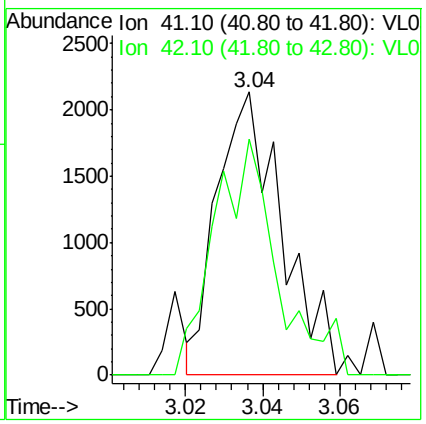


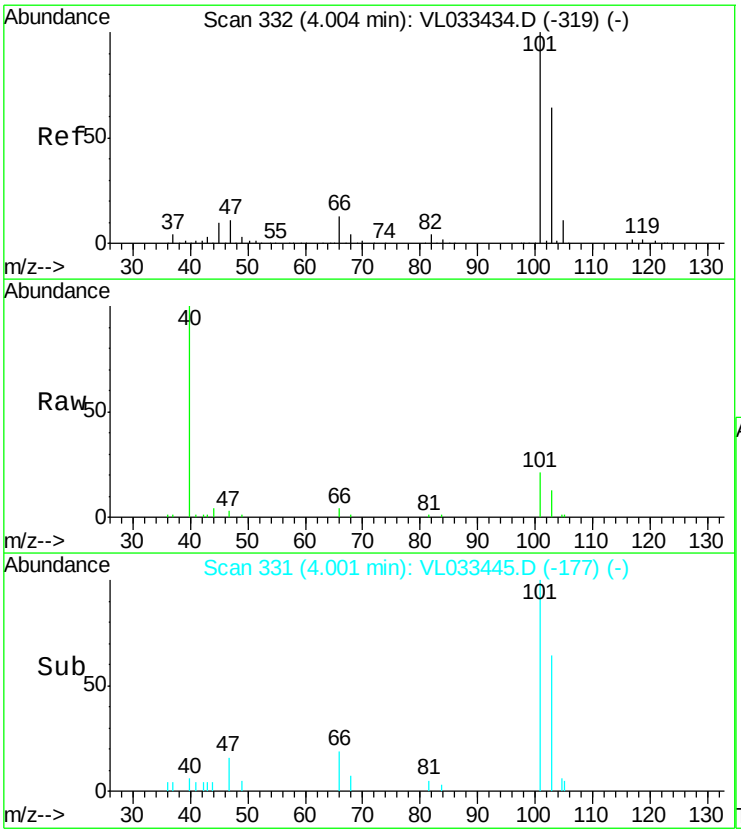
#9
Propene
Concen: 0.068 ppbv
RT: 3.04 min Scan# 31
Delta R.T. 0.00 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2019

Tgt Ion: 41 Resp: 2482

Ion	Ratio	Lower	Upper
41	100		
42	81.5	53.9	80.9#

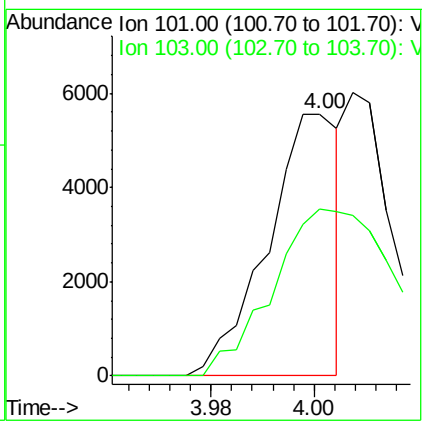


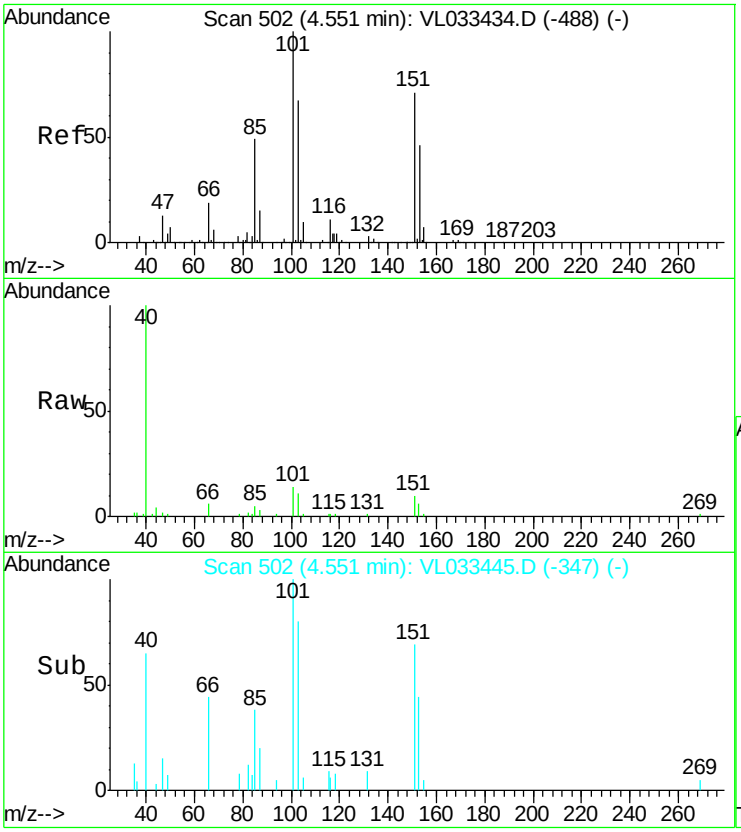


#11
Trichlorofluoromethane
Concen: 0.040 ppbv
RT: 4.00 min Scan# 331
Delta R.T. -0.00 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Tgt Ion:101 Resp: 5343

Ion	Ratio	Lower	Upper
101	100		
103	63.9	51.3	76.9



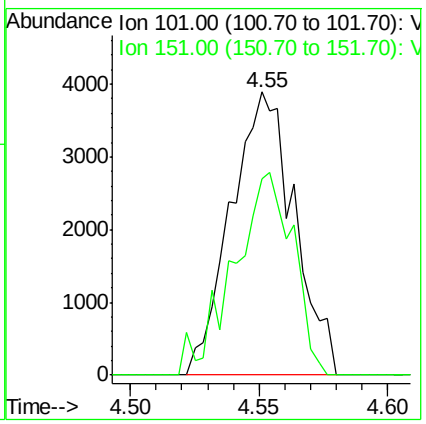


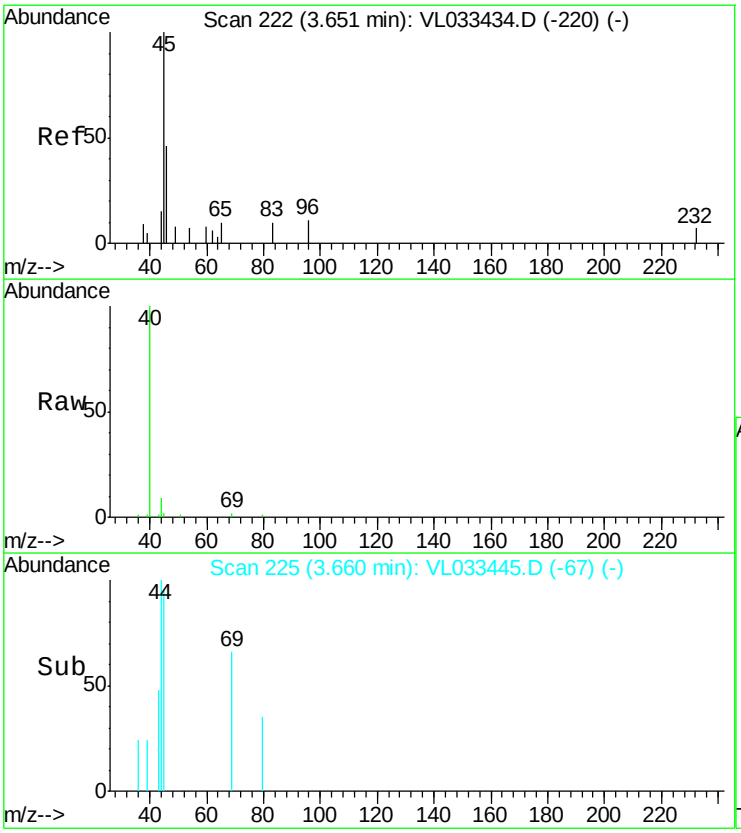
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.074 ppbv
RT: 4.55 min Scan# 502
Delta R.T. -0.00 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2019

Tgt Ion:101 Resp: 6672

Ion	Ratio	Lower	Upper
101	100		
151	67.2	57.7	86.5

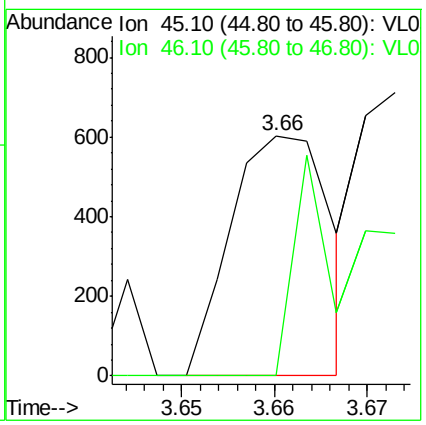


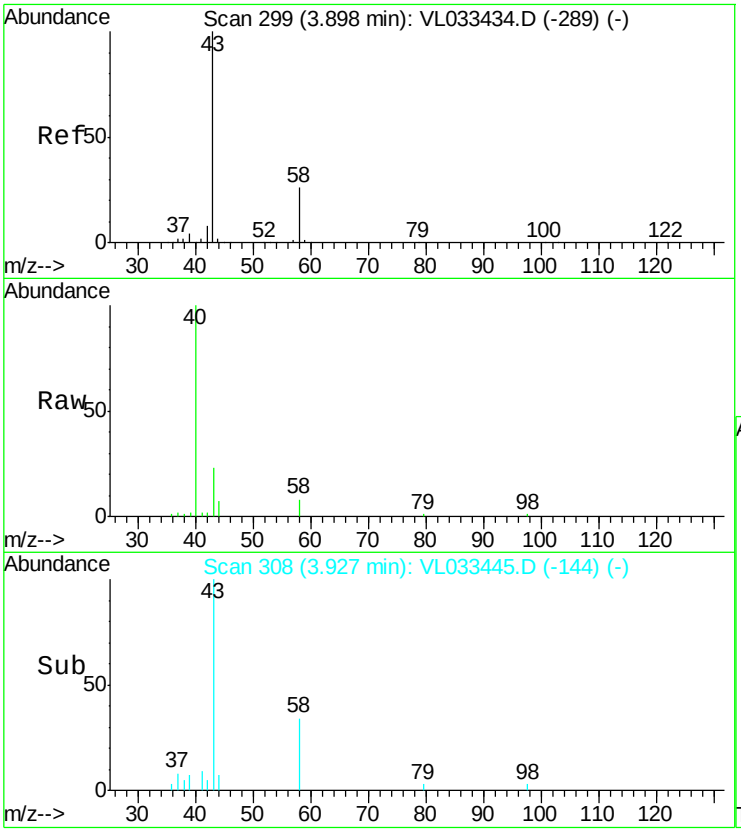


#13
Ethanol
Concen: 0.053 ppbv
RT: 3.66 min Scan# 225
Delta R.T. 0.01 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Tgt Ion: 45 Resp: 450

Ion	Ratio	Lower	Upper
45	100		
46	0.0	25.4	101.8#



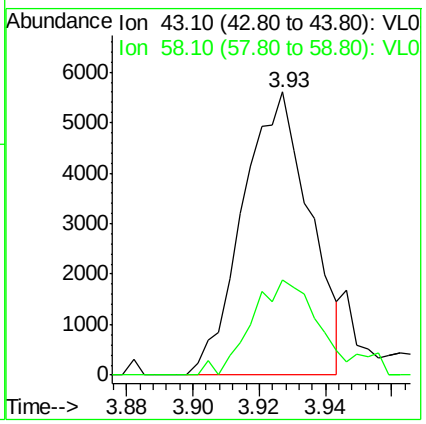


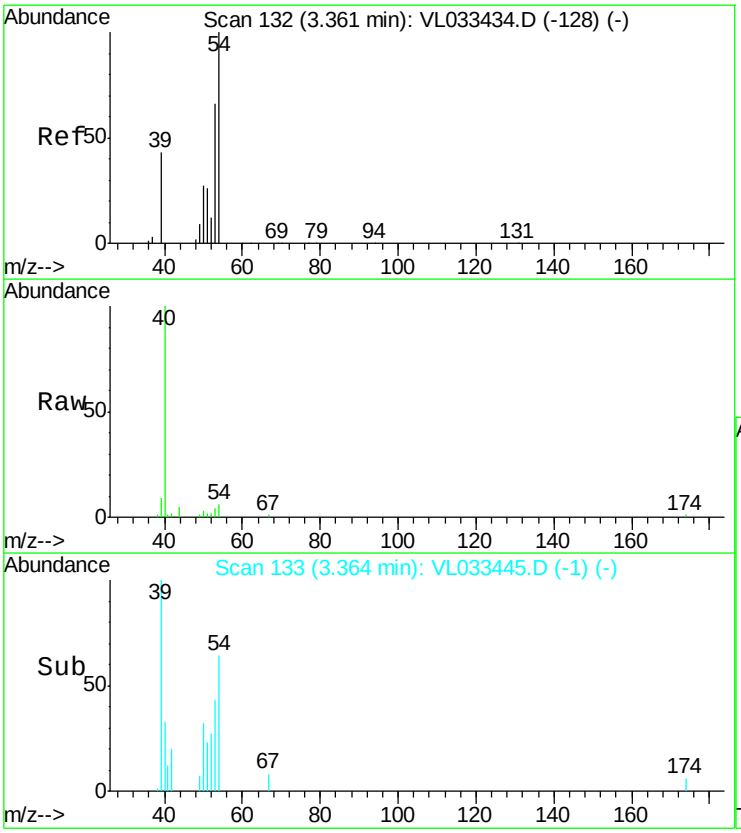
#15
Acetone
Concen: 0.087 ppbv
RT: 3.93 min Scan# 308
Delta R.T. 0.03 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Instrument : MSVOA_L
ClientSampleId : LOQ-AIR-02-QT1-2019

Tgt Ion: 43 Resp: 7887

Ion	Ratio	Lower	Upper
43	100		
58	35.7	20.5	30.7#

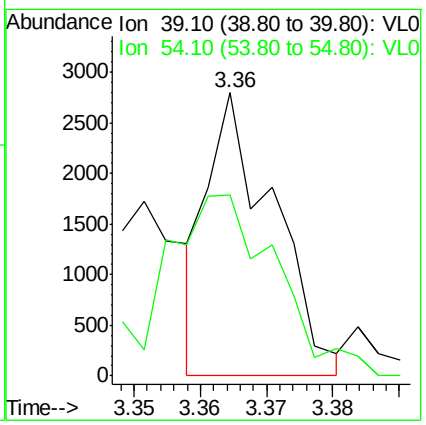


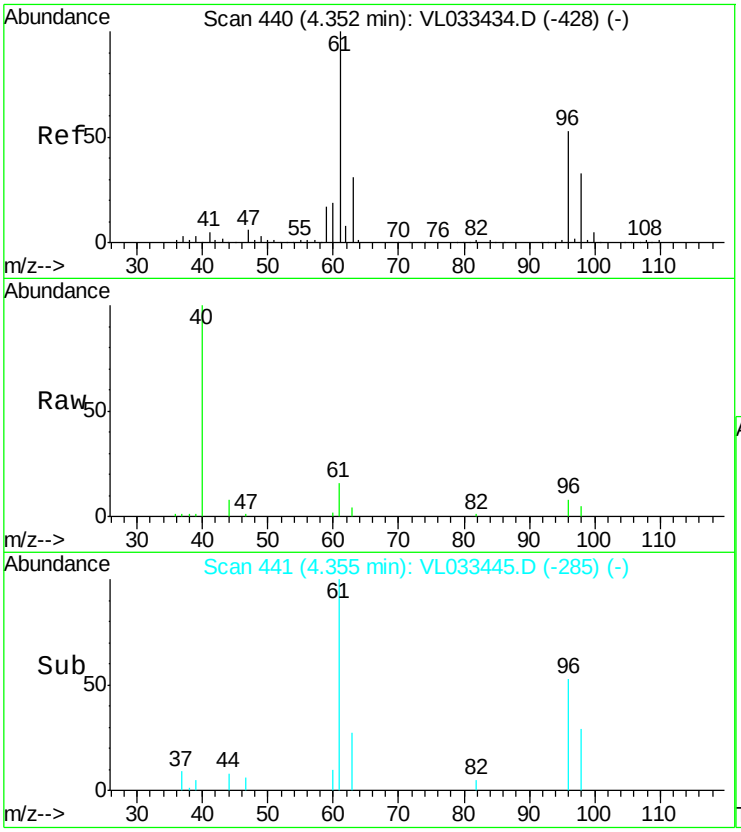


#16
1,3-Butadiene
Concen: 0.054 ppbv
RT: 3.36 min Scan# 133
Delta R.T. 0.00 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Tgt Ion: 39 Resp: 1927

Ion	Ratio	Lower	Upper
39	100		
54	108.8	69.4	104.2#



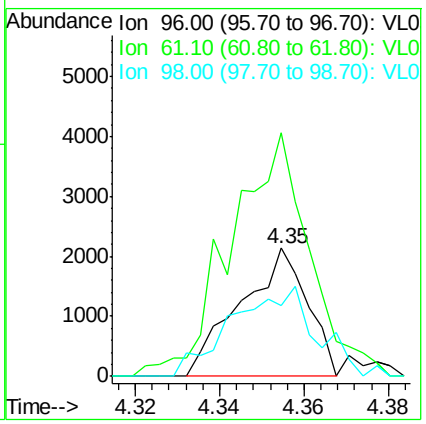


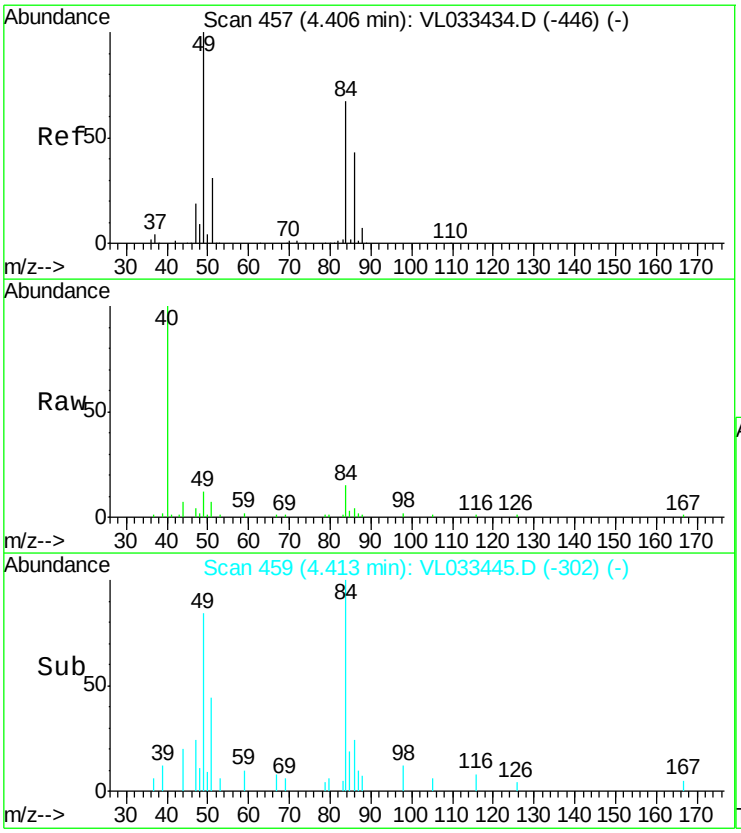
#18
1,1-Dichloroethene
Concen: 0.060 ppbv
RT: 4.35 min Scan# 441
Delta R.T. 0.00 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Instrument : MSVOA_L
ClientSampleId : LOQ-AIR-02-QT1-2019

Tgt Ion: 96 Resp: 2348

Ion	Ratio	Lower	Upper
96	100		
61	176.1	149.8	224.6
98	37.2	48.7	73.1#

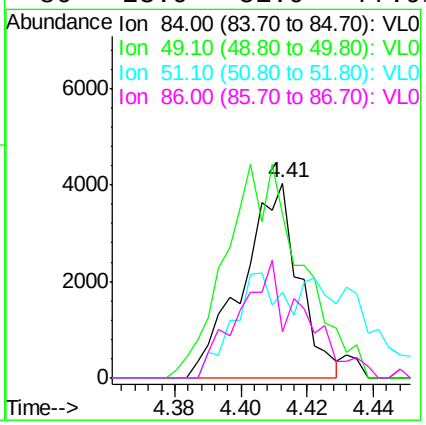


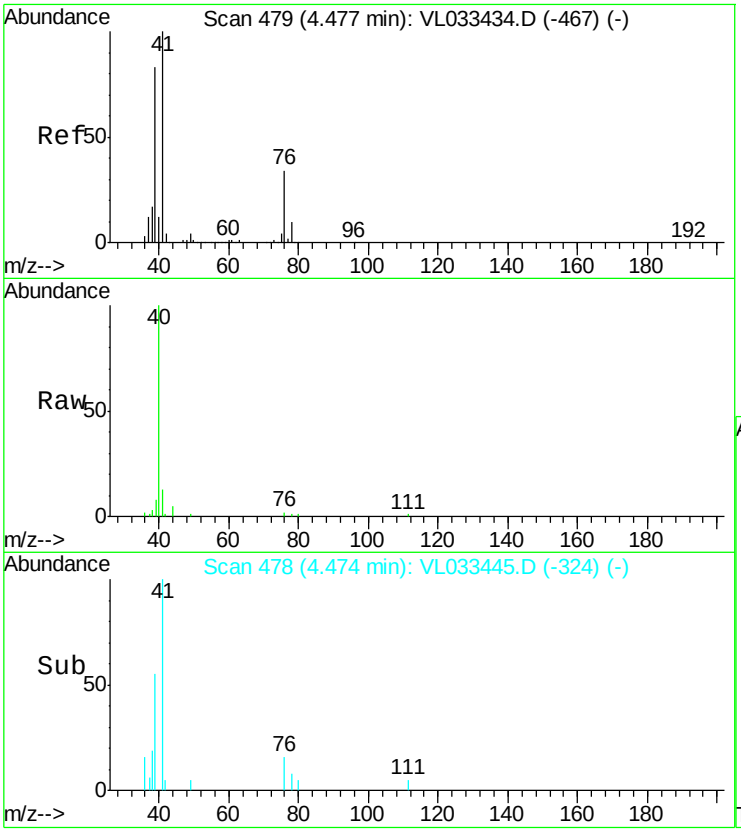


#20
Methylene Chloride
Concen: 0.125 ppbv
RT: 4.41 min Scan# 459
Delta R.T. 0.01 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Tgt Ion: 84 Resp: 4780

Ion	Ratio	Lower	Upper
84	100		
49	74.1	120.0	180.0#
51	44.3	36.7	55.1
86	23.9	51.9	77.9#



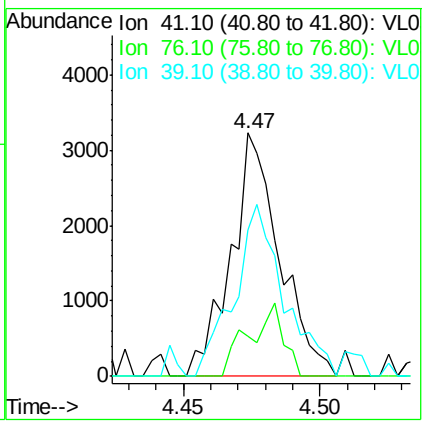


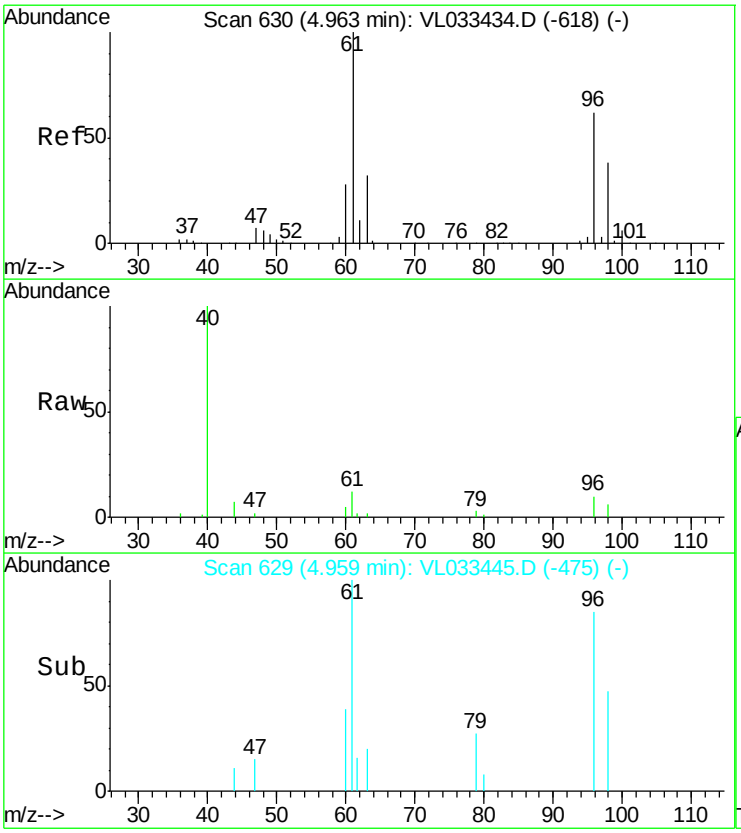
#21
Allyl Chloride
Concen: 0.070 ppbv
RT: 4.47 min Scan# 478
Delta R.T. -0.00 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2019

Tgt Ion: 41 Resp: 3999

Ion	Ratio	Lower	Upper
41	100		
76	21.4	25.4	38.2#
39	80.0	65.3	97.9

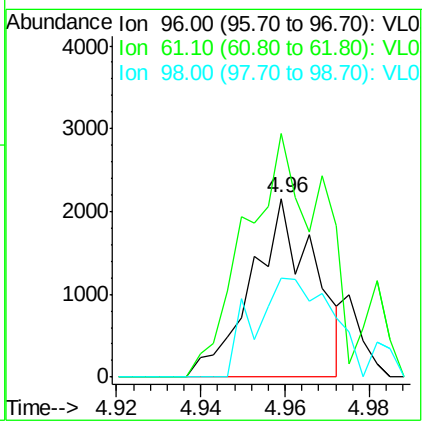


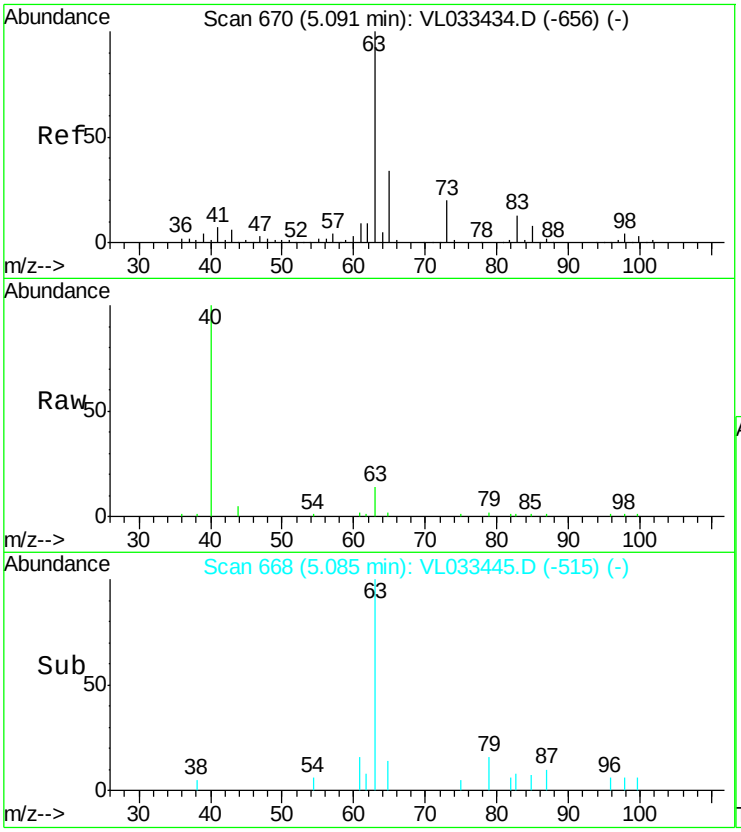


#22
trans-1,2-Dichloroethene
Concen: 0.055 ppbv
RT: 4.96 min Scan# 629
Delta R.T. -0.00 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Tgt Ion: 96 Resp: 2230

Ion	Ratio	Lower	Upper
96	100		
61	136.2	128.9	193.3
98	55.6	49.5	74.3



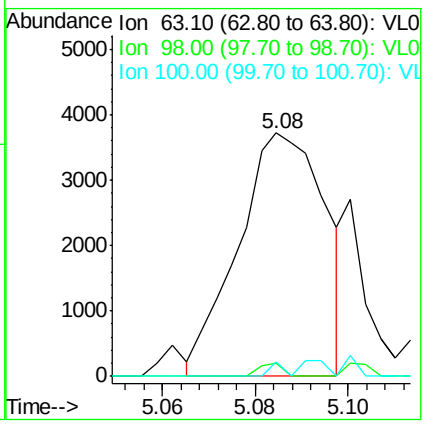


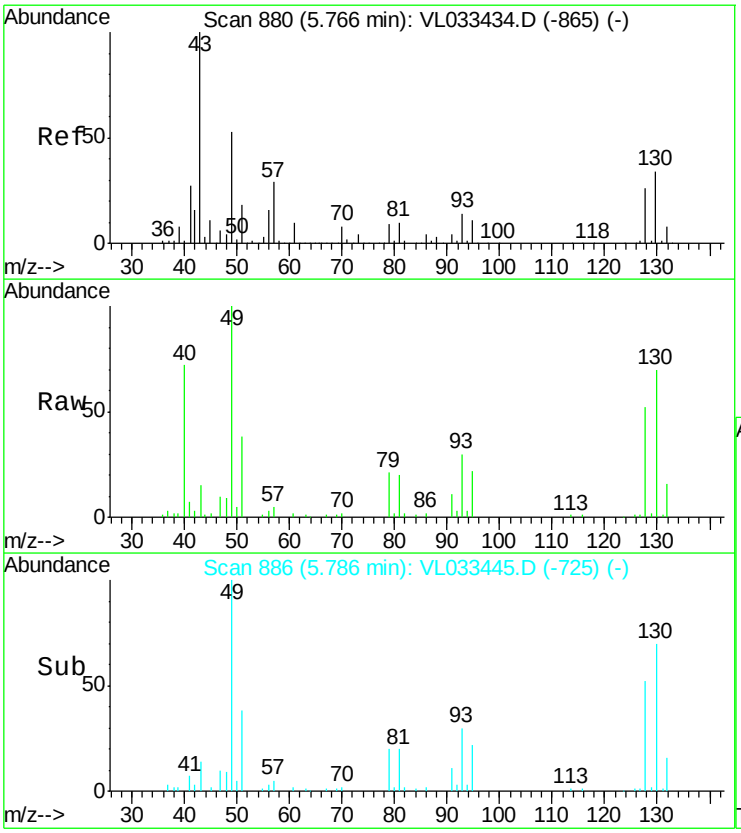
#24
1,1-Dichloroethane
Concen: 0.050 ppbv
RT: 5.08 min Scan# 668
Delta R.T. -0.01 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Instrument : MSVOA_L
ClientSampleId : LOQ-AIR-02-QT1-2019

Tgt Ion: 63 Resp: 4836

Ion	Ratio	Lower	Upper
63	100		
98	5.9	2.2	6.6
100	6.4	1.5	4.4#

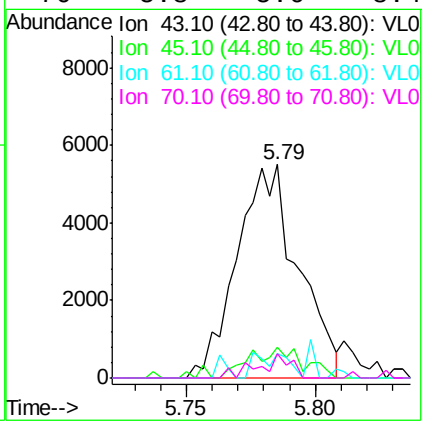


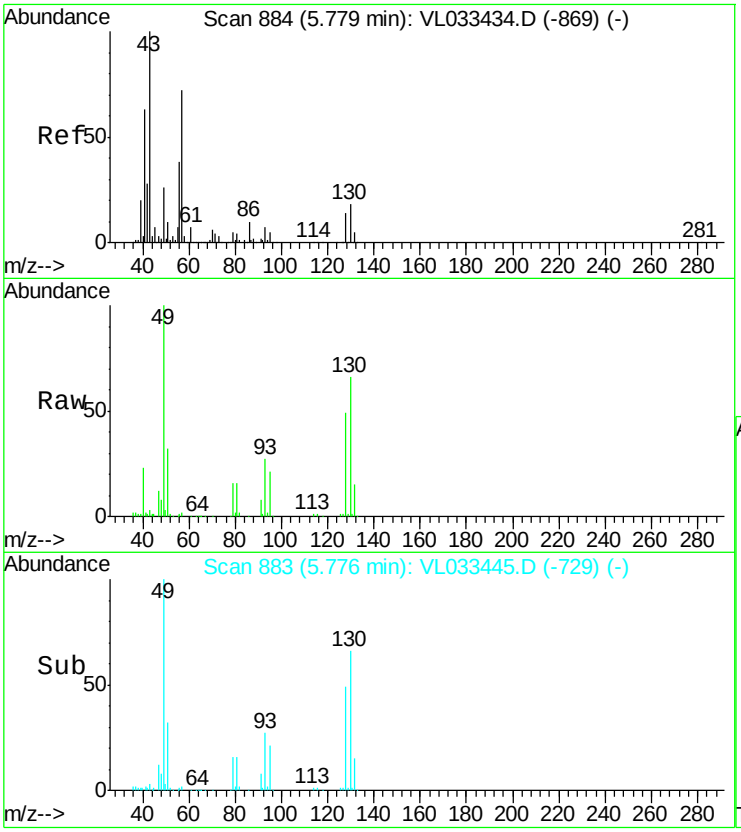


#25
Ethyl Acetate
Concen: 0.054 ppbv
RT: 5.79 min Scan# 886
Delta R.T. 0.02 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Tgt Ion: 43 Resp: 9101

Ion	Ratio	Lower	Upper
43	100		
45	13.2	7.8	11.6#
61	0.0	7.3	10.9#
70	5.8	5.6	8.4



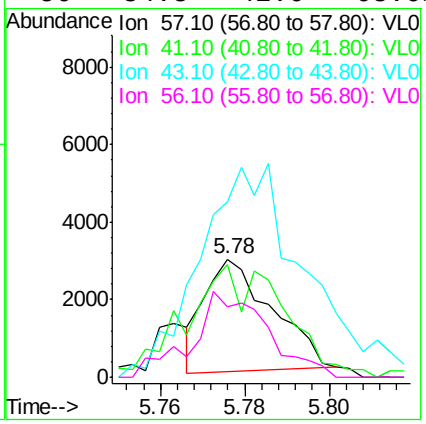


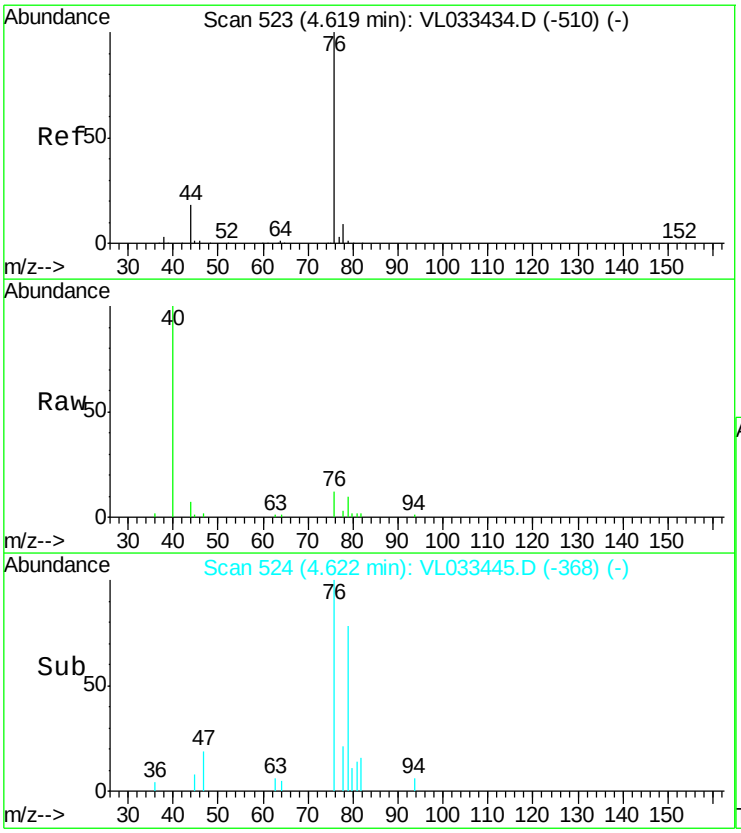
#26
Hexane
Concen: 0.043 ppbv
RT: 5.78 min Scan# 883
Delta R.T. -0.00 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Instrument : MSVOA_L
ClientSampleId : LOQ-AIR-02-QT1-2019

Tgt Ion: 57 Resp: 3192

Ion	Ratio	Lower	Upper
57	100		
41	148.8	70.7	106.1#
43	316.7	182.6	274.0#
56	84.8	42.0	63.0#

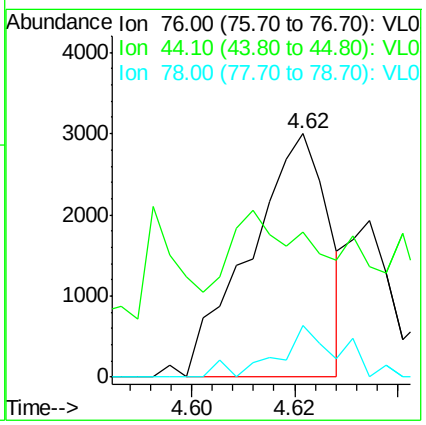


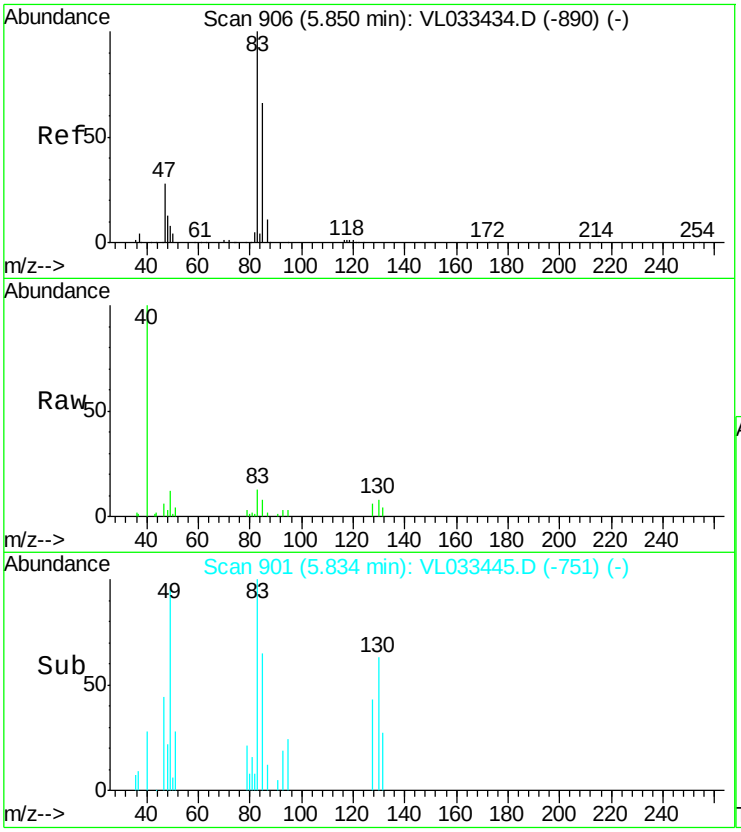


#27
Carbon Disulfide
Concen: 0.035 ppbv
RT: 4.62 min Scan# 524
Delta R.T. 0.00 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Tgt Ion: 76 Resp: 3143

Ion	Ratio	Lower	Upper
76	100		
44	70.1	14.8	22.2#
78	16.8	7.6	11.4#



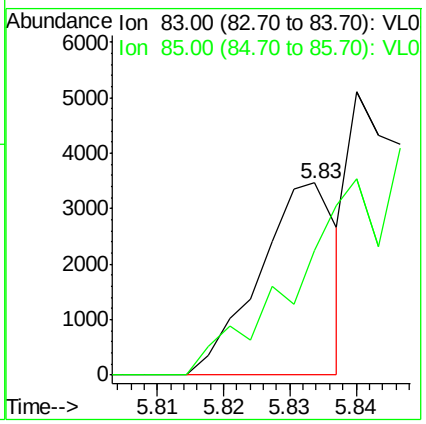


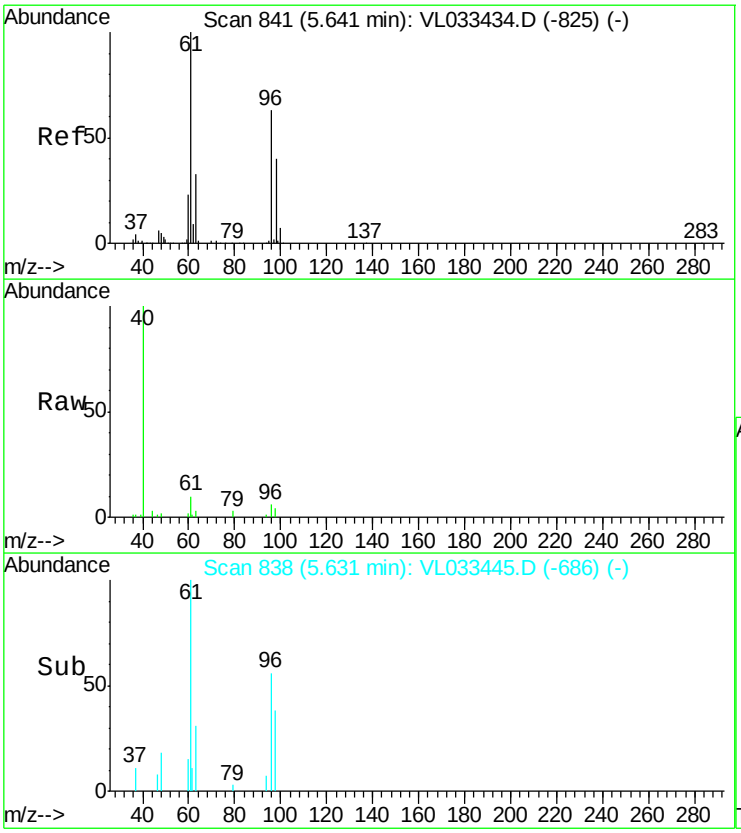
#29
Chloroform
Concen: 0.022 ppbv
RT: 5.83 min Scan# 901
Delta R.T. -0.02 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2019

Tgt Ion: 83 Resp: 2832

Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.6	79.0

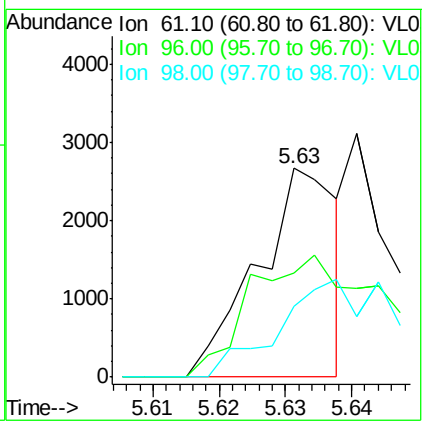


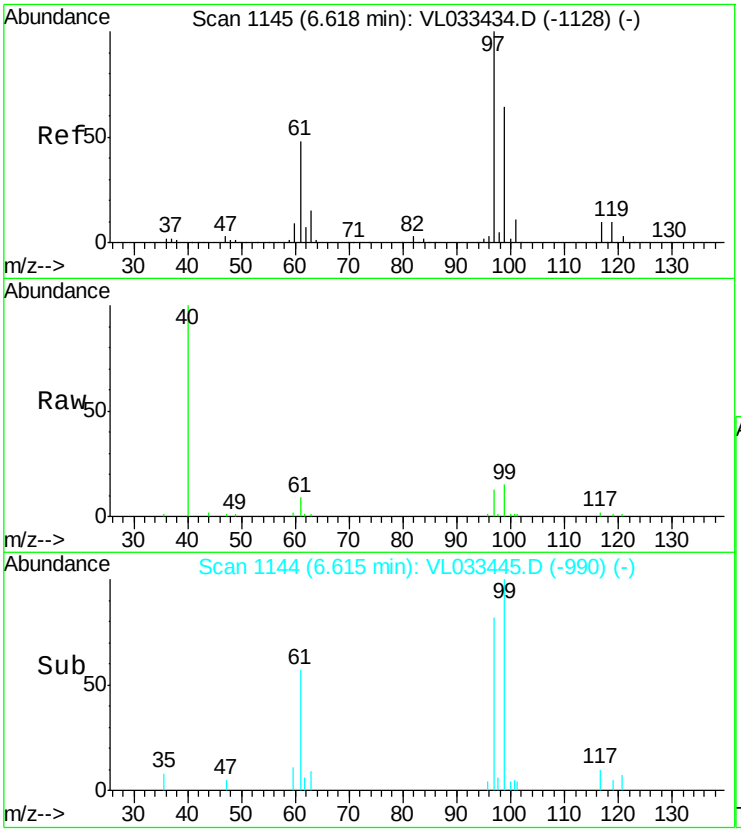


#31
cis-1,2-Dichloroethene
Concen: 0.030 ppbv
RT: 5.63 min Scan# 838
Delta R.T. -0.01 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Tgt Ion: 61 Resp: 2229

Ion	Ratio	Lower	Upper
61	100		
96	50.2	50.6	76.0#
98	33.8	32.2	48.2



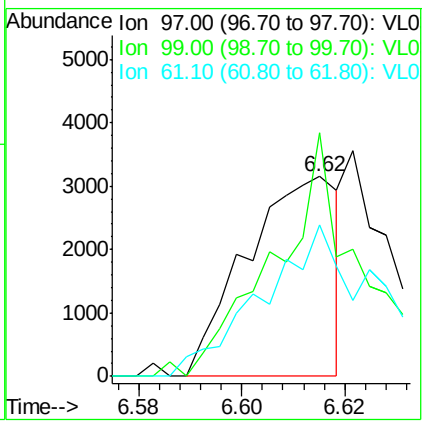


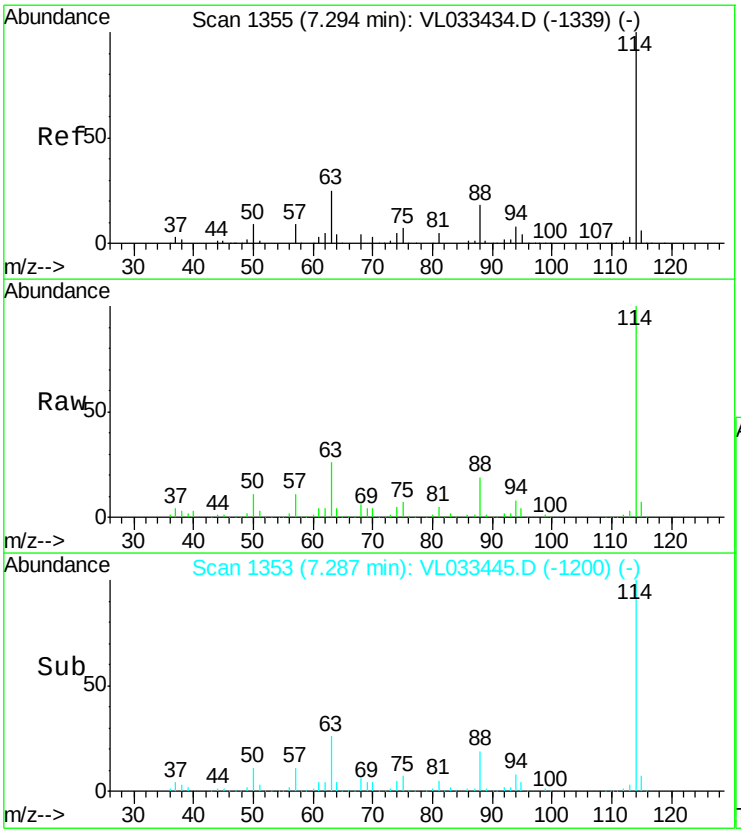
#32
1,1,1-Trichloroethane
Concen: 0.032 ppbv
RT: 6.62 min Scan# 1144
Delta R.T. -0.00 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2019

Tgt Ion: 97 Resp: 3883

Ion	Ratio	Lower	Upper
97	100		
99	113.9	51.5	77.3#
61	96.0	38.8	58.2#

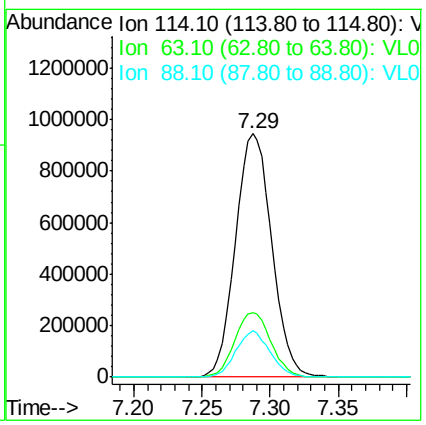


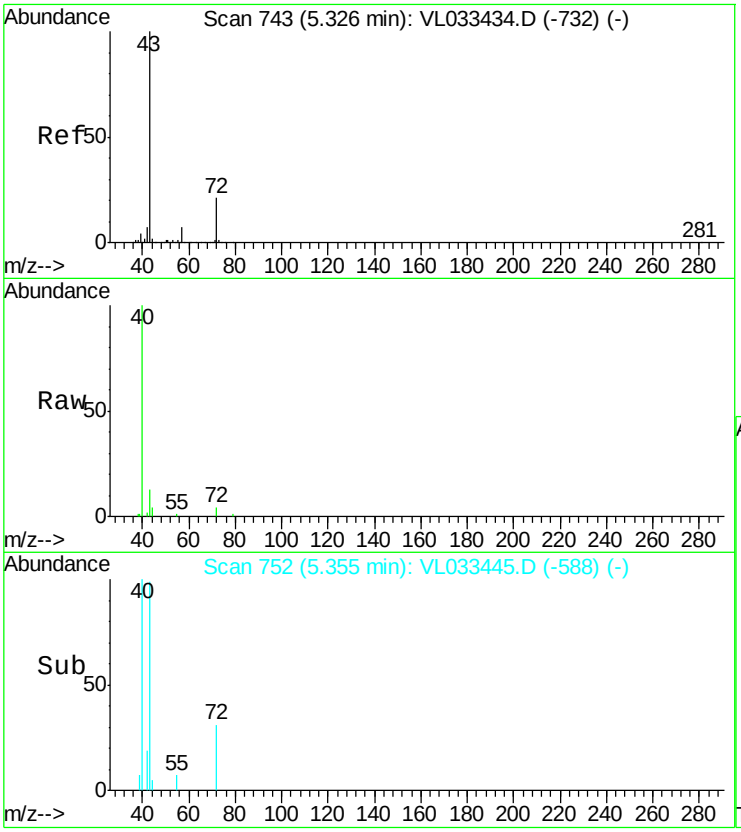


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Tgt Ion:114 Resp: 1748225

Ion	Ratio	Lower	Upper
114	100		
63	26.8	21.5	32.3
88	17.8	14.5	21.7



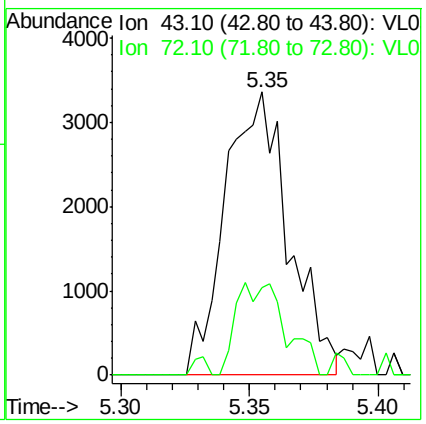


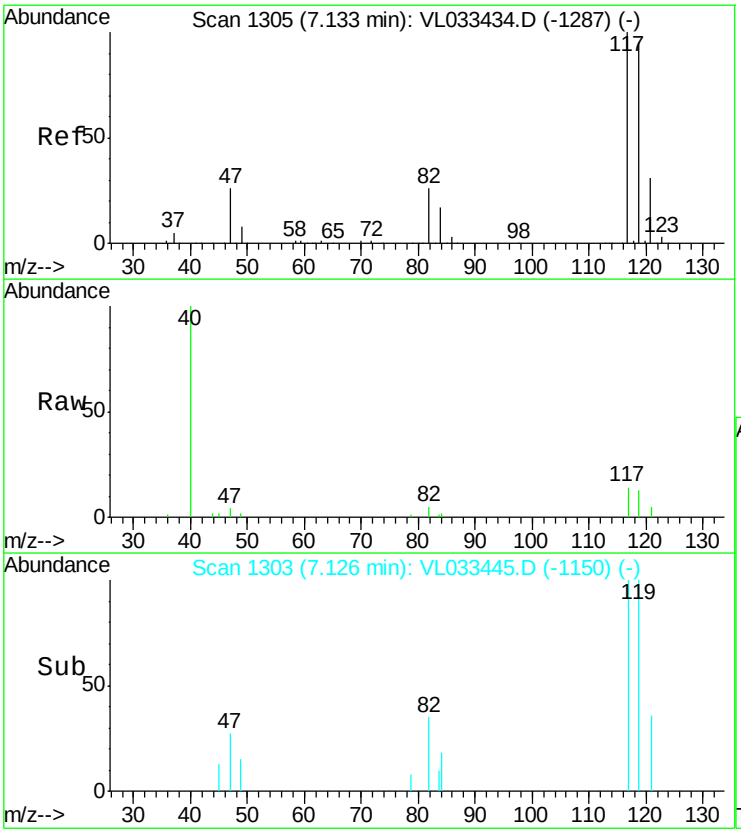
#34
2-Butanone
Concen: 0.055 ppbv
RT: 5.35 min Scan# 752
Delta R.T. 0.03 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Instrument : MSVOA_L
ClientSampleId : LOQ-AIR-02-QT1-2019

Tgt Ion: 43 Resp: 5777

Ion	Ratio	Lower	Upper
43	100		
72	28.6	17.4	26.2#

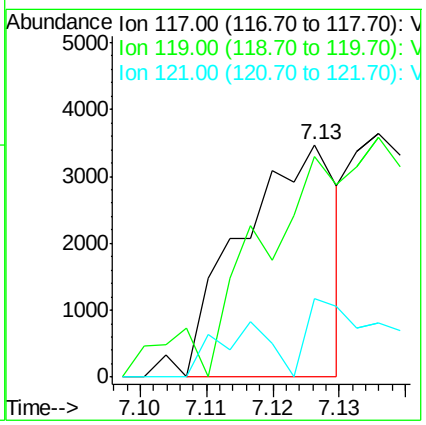


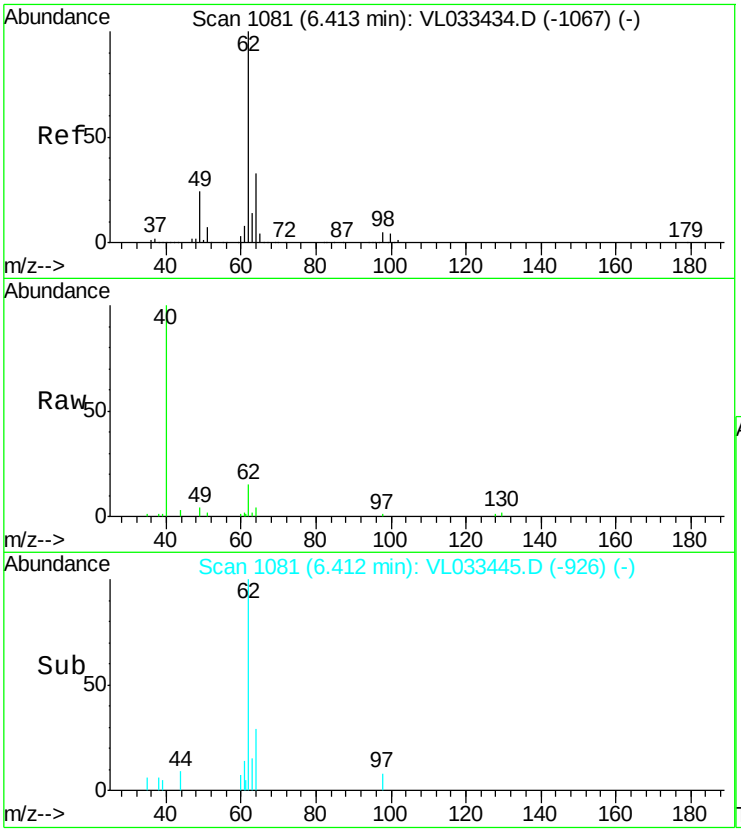


#35
Carbon Tetrachloride
Concen: 0.030 ppbv
RT: 7.13 min Scan# 1303
Delta R.T. -0.01 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Tgt Ion:117 Resp: 3460

Ion	Ratio	Lower	Upper
117	100		
119	73.6	75.8	113.8#
121	34.0	24.7	37.1



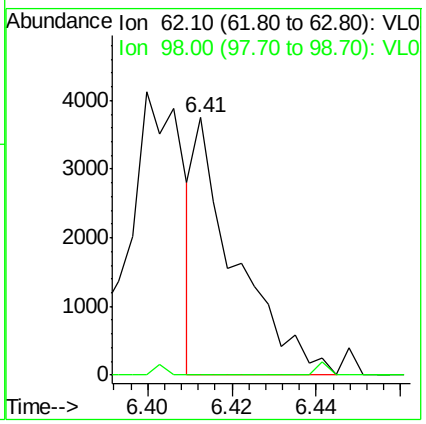


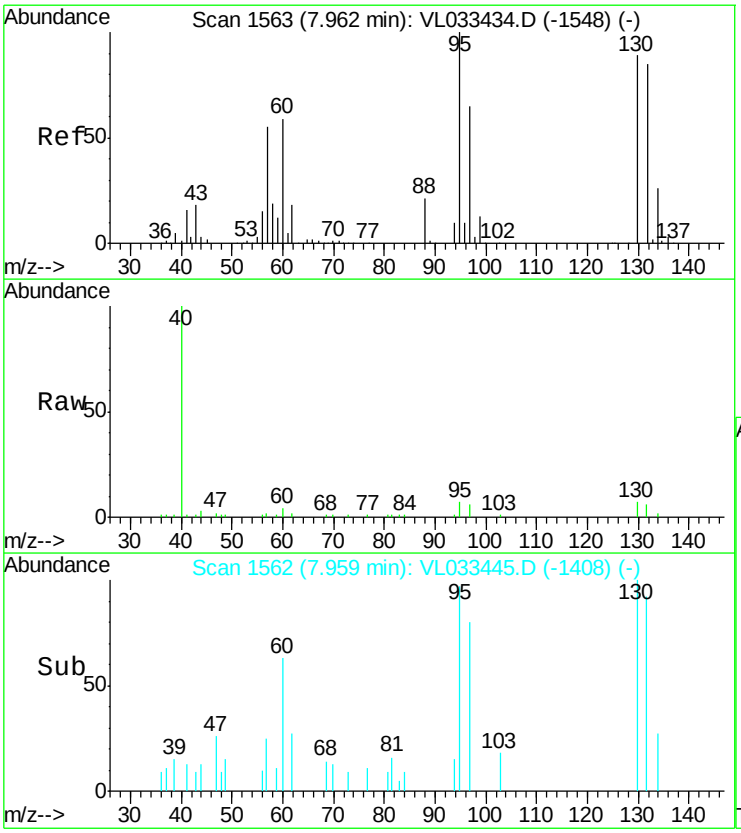
#37
1,2-Dichloroethane
Concen: 0.026 ppbv
RT: 6.41 min Scan# 1081
Delta R.T. -0.00 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2019

Tgt Ion: 62 Resp: 2551

Ion	Ratio	Lower	Upper
62	100		
98	0.0	4.4	6.6#

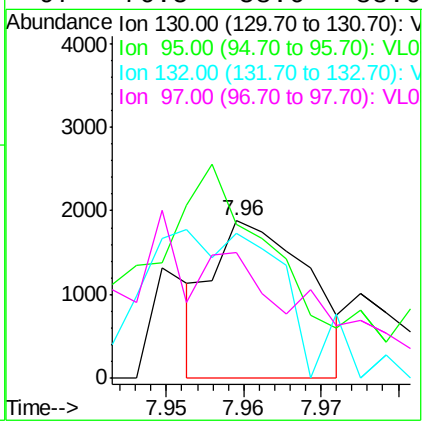


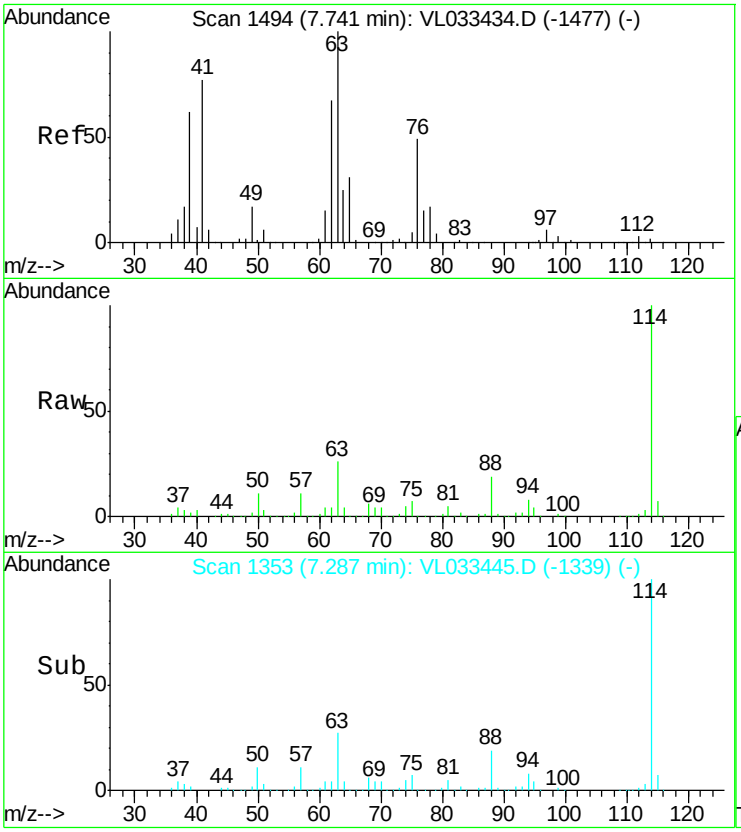


#38
Trichloroethene
Concen: 0.029 ppbv
RT: 7.96 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Tgt Ion:130 Resp: 1617

Ion	Ratio	Lower	Upper
130	100		
95	108.9	89.8	134.8
132	84.6	76.6	115.0
97	76.5	58.6	88.0



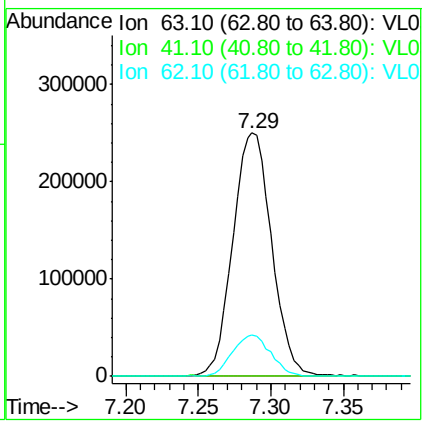


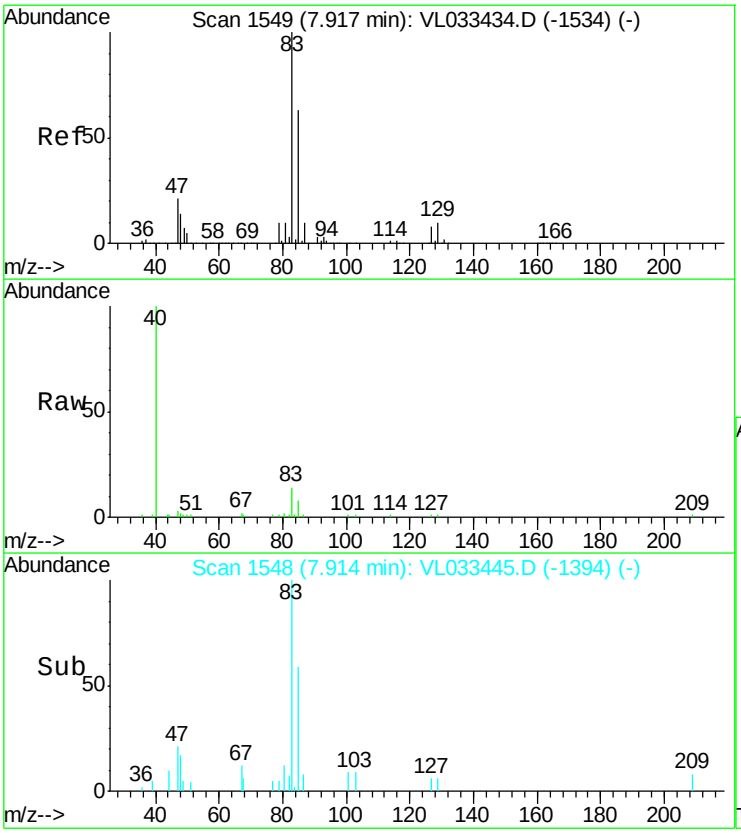
#39
1,2-Dichloropropane
Concen: 8.115 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.45 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2019

Tgt Ion: 63 Resp: 466303

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.2	91.8#
62	16.8	54.0	81.0#

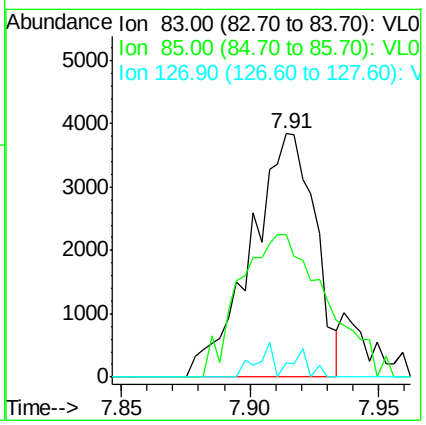


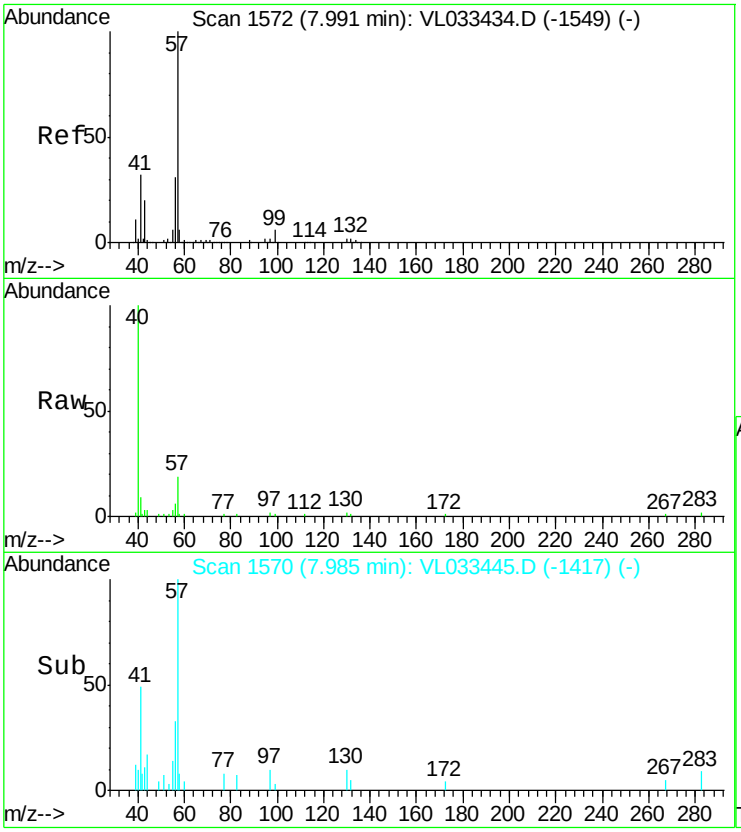


#42
Bromodichloromethane
Concen: 0.050 ppbv
RT: 7.91 min Scan# 1548
Delta R.T. -0.00 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Tgt Ion: 83 Resp: 6672

Ion	Ratio	Lower	Upper
83	100		
85	58.6	50.7	76.1
127	6.0	6.6	9.8#



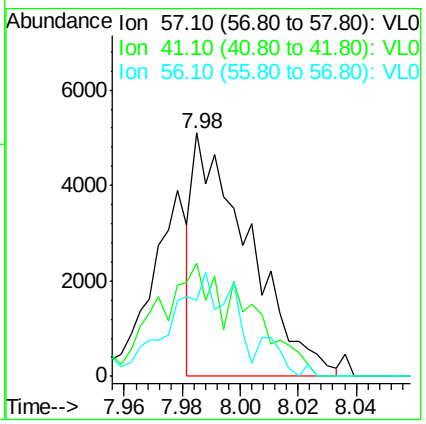


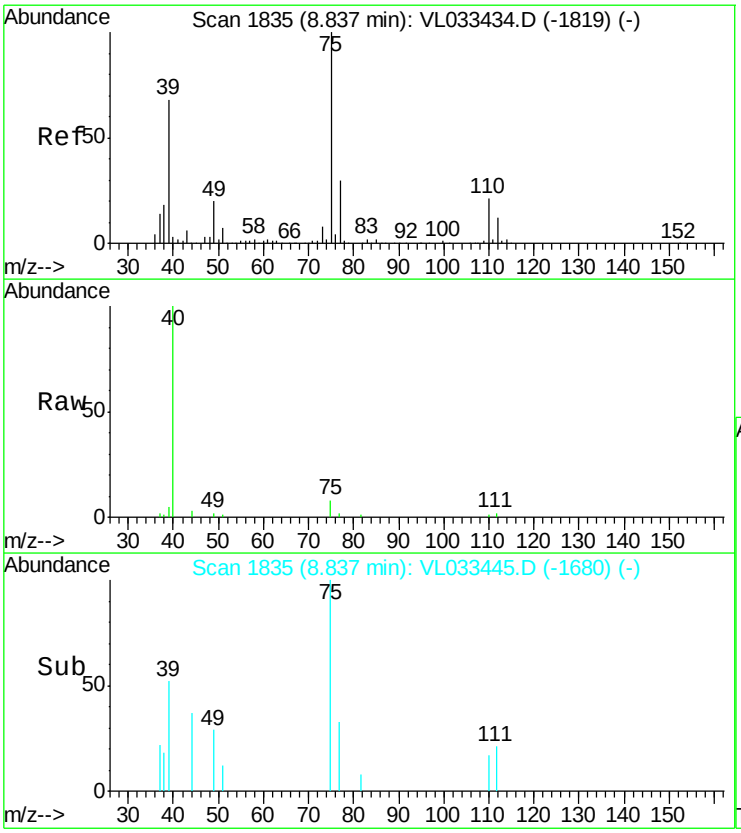
#44
2,2,4-Trimethylpentane
Concen: 0.026 ppbv
RT: 7.98 min Scan# 1570
Delta R.T. -0.01 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2019

Tgt Ion: 57 Resp: 6781

Ion	Ratio	Lower	Upper
57	100		
41	75.2	26.0	39.0#
56	55.8	24.6	37.0#

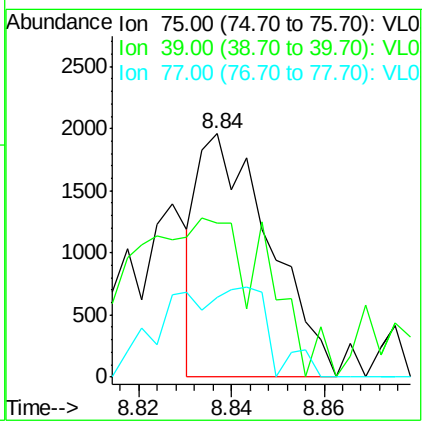


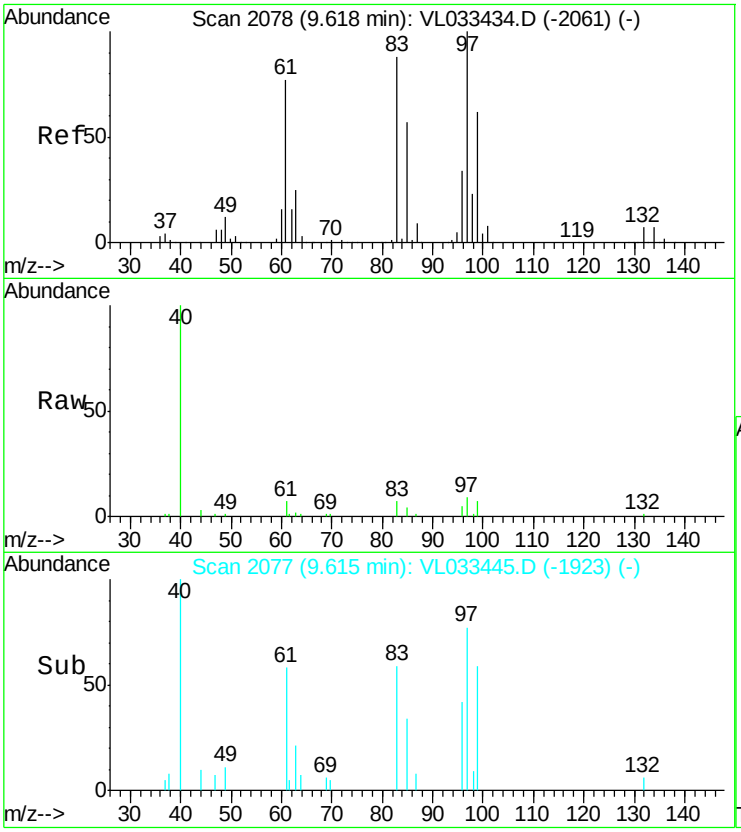


#46
cis-1,3-Dichloropropene
Concen: 0.024 ppbv
RT: 8.84 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Tgt Ion: 75 Resp: 2090

Ion	Ratio	Lower	Upper
75	100		
39	63.4	54.1	81.1
77	32.6	23.9	35.9



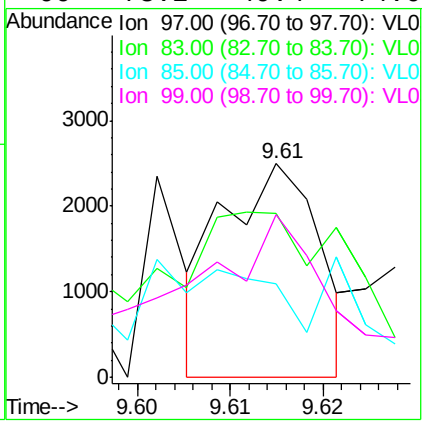


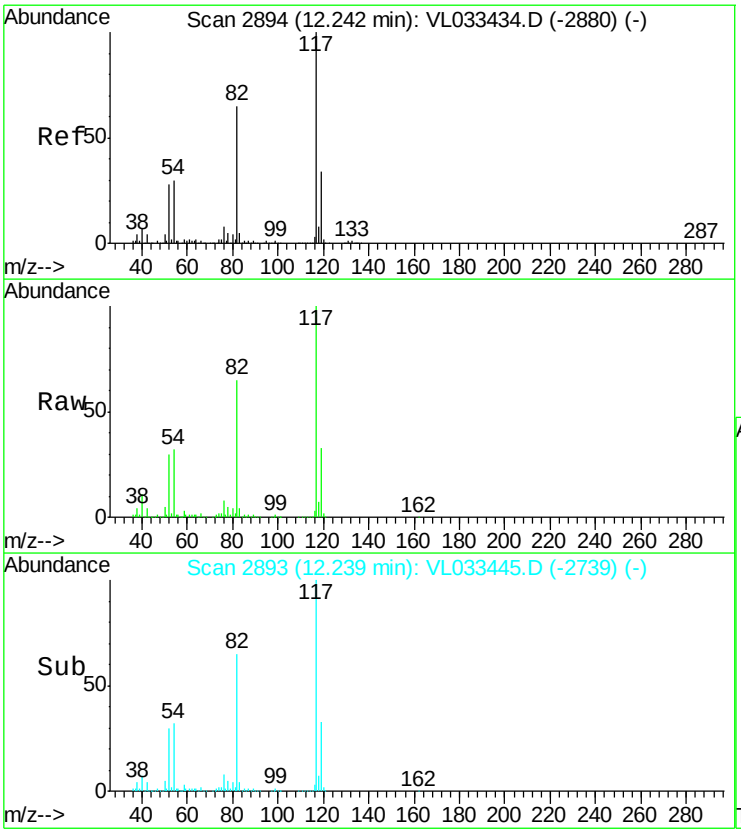
#47
1,1,2-Trichloroethane
Concen: 0.028 ppbv
RT: 9.61 min Scan# 2077
Delta R.T. -0.00 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2019

Tgt Ion: 97 Resp: 1815

Ion	Ratio	Lower	Upper
97	100		
83	66.3	70.5	105.7#
85	7.8	45.6	68.4#
99	73.2	49.4	74.0

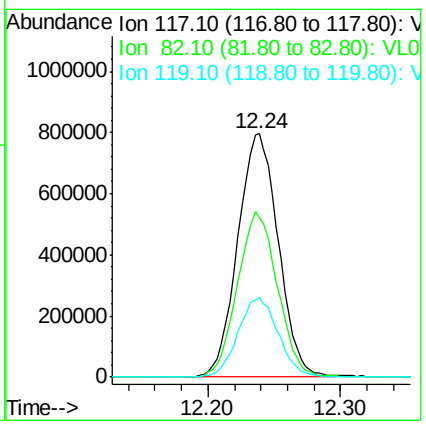


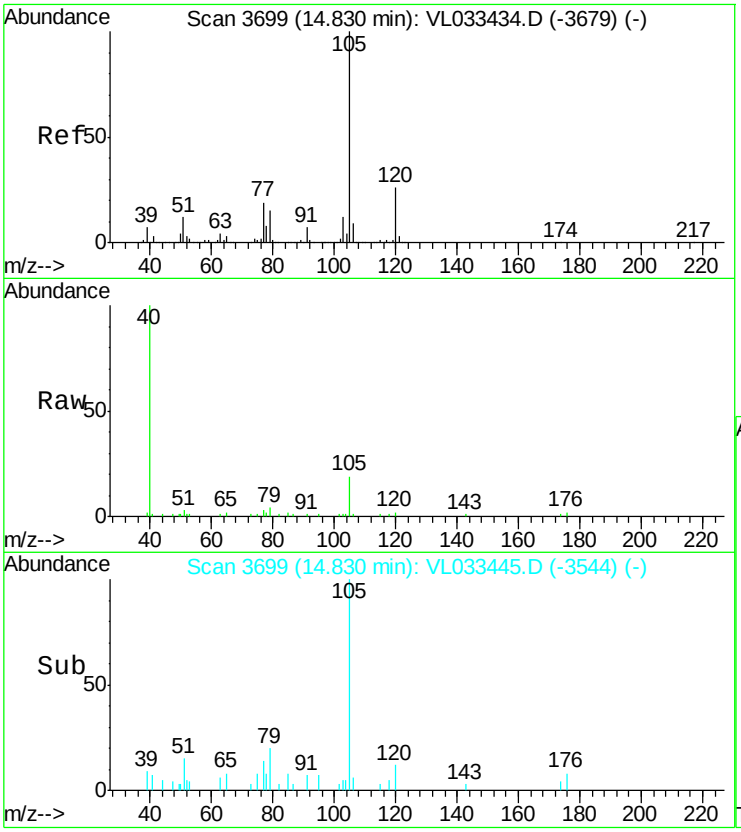


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. -0.00 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Tgt Ion:117 Resp: 1697434

Ion	Ratio	Lower	Upper
117	100		
82	67.3	51.5	77.3
119	32.5	25.5	38.3



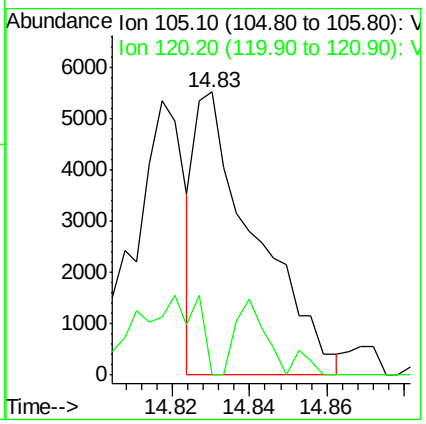


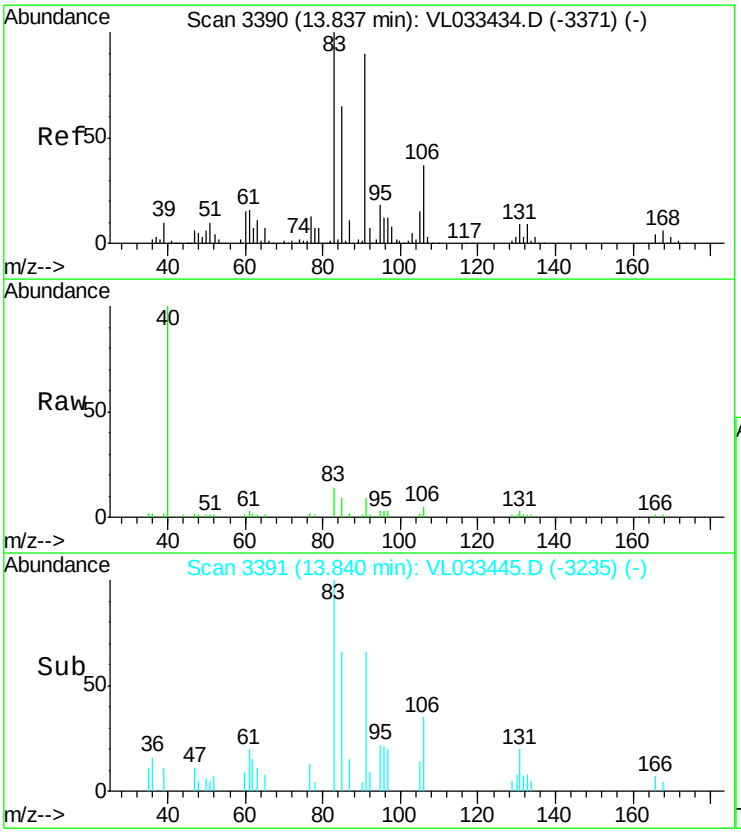
#62
Isopropylbenzene
Concen: 0.022 ppbv
RT: 14.83 min Scan# 3699
Delta R.T. -0.00 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2019

Tgt Ion:105 Resp: 5994

Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.2	30.2#

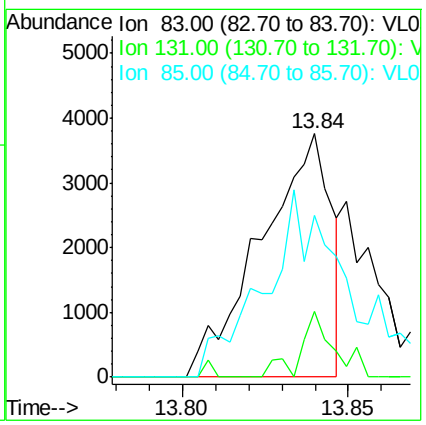


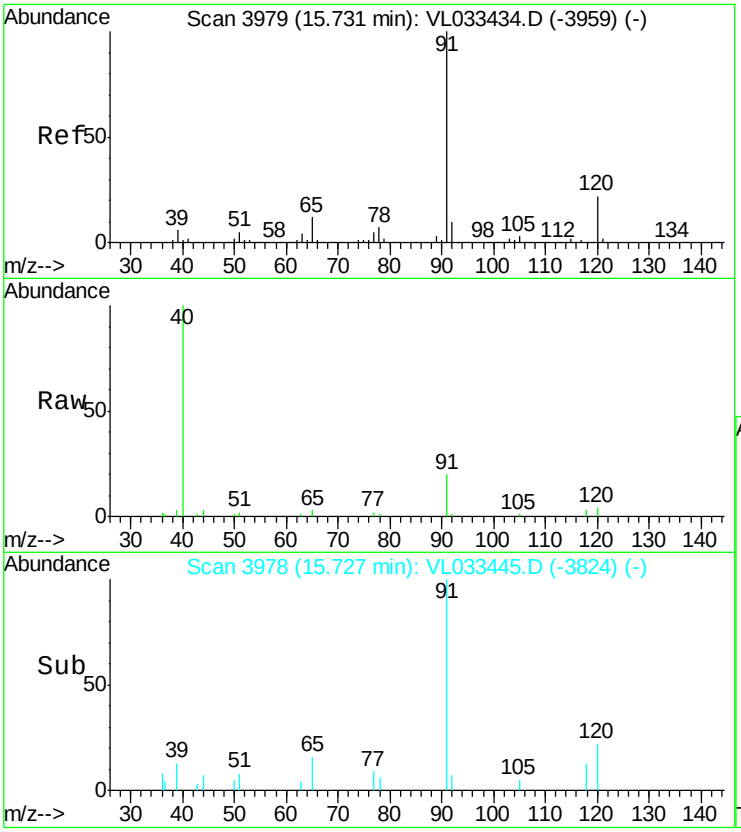


#63
1,1,2,2-Tetrachloroethane
Concen: 0.039 ppbv
RT: 13.84 min Scan# 3391
Delta R.T. 0.00 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Tgt Ion: 83 Resp: 5554

Ion	Ratio	Lower	Upper
83	100		
131	13.1	4.7	14.0
85	94.6	32.7	98.1



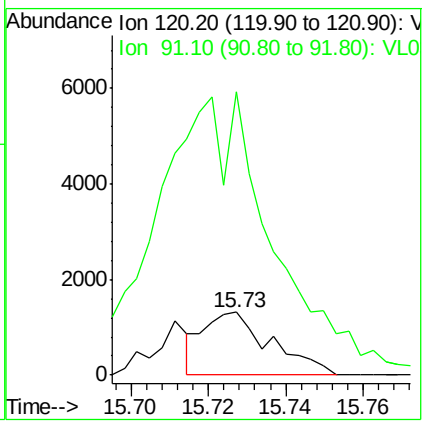


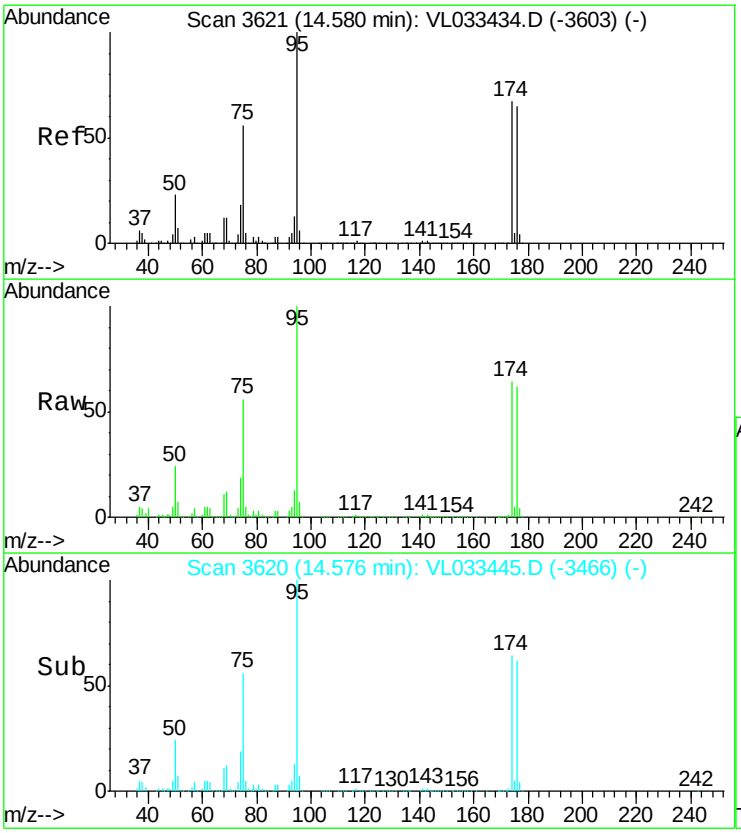
#64
n-propylbenzene
Concen: 0.023 ppbv
RT: 15.73 min Scan# 3978
Delta R.T. -0.00 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2019

Tgt Ion:120 Resp: 1599

Ion	Ratio	Lower	Upper
120	100		
91	792.6	387.4	581.2#

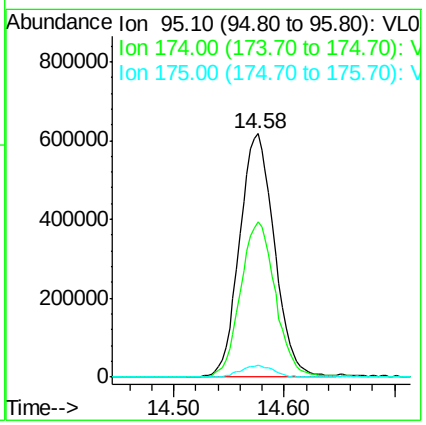


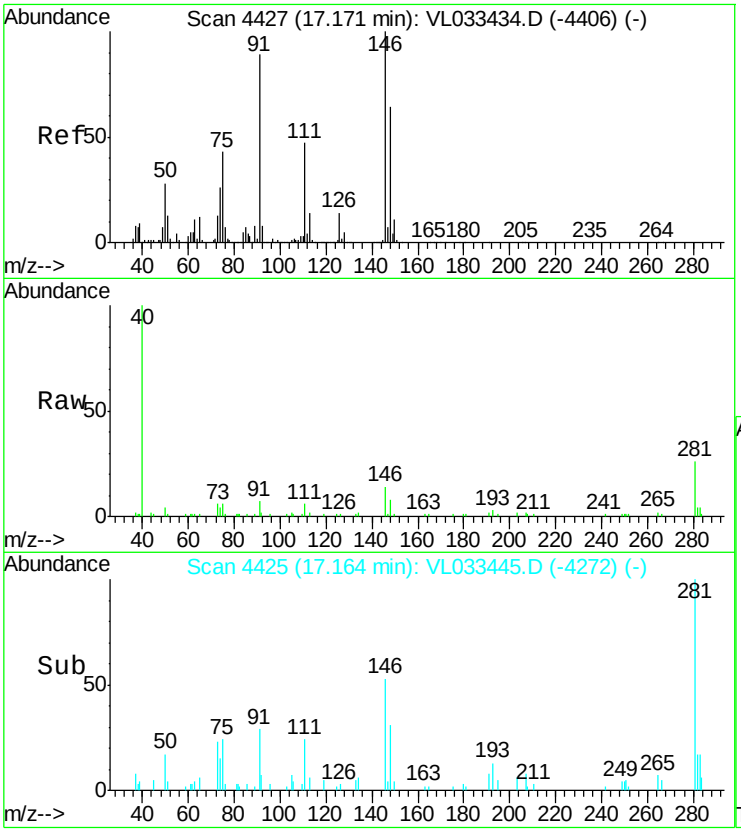


#68
1-Bromo-4-Fluorobenzene
Concen: 10.160 ppbv
RT: 14.58 min Scan# 3620
Delta R.T. -0.00 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Tgt Ion: 95 Resp: 1351963

Ion	Ratio	Lower	Upper
95	100		
174	64.4	52.9	79.3
175	4.6	3.8	5.6



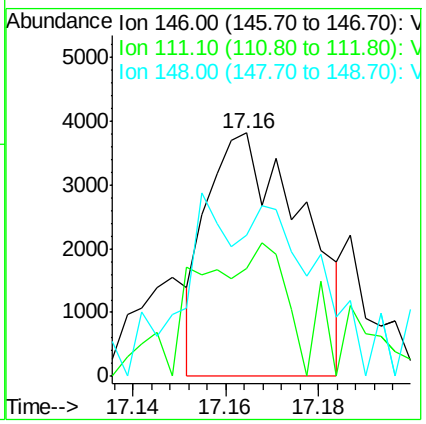


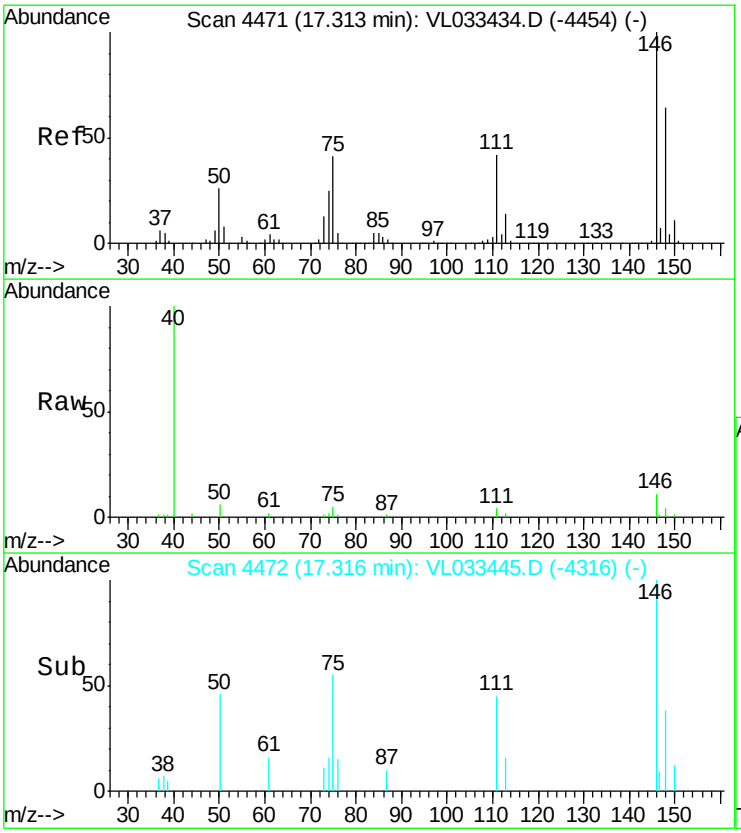
#75
1,3-Dichlorobenzene
Concen: 0.039 ppbv
RT: 17.16 min Scan# 4425
Delta R.T. -0.01 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2019

Tgt Ion:146 Resp: 5460

Ion	Ratio	Lower	Upper
146	100		
111	72.3	22.9	68.8#
148	0.0	32.0	96.2#

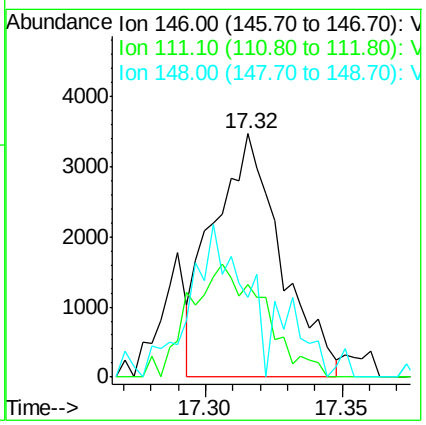


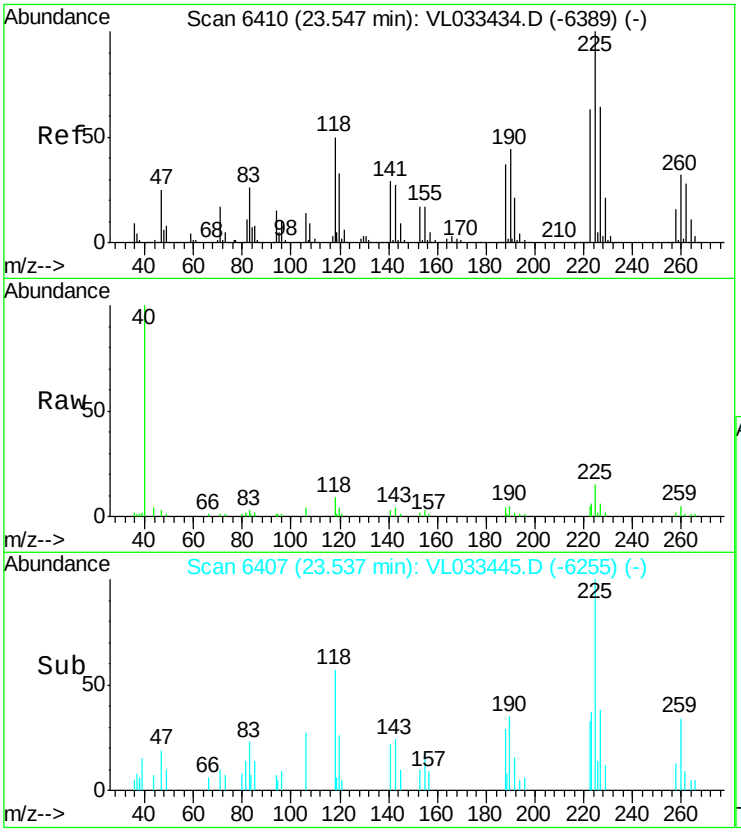


#76
1,4-Dichlorobenzene
Concen: 0.044 ppbv
RT: 17.32 min Scan# 4472
Delta R.T. 0.00 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Tgt Ion:146 Resp: 5981

Ion	Ratio	Lower	Upper
146	100		
111	51.2	21.7	65.1
148	66.1	32.0	96.2





#78
Hexachloro-1,3-Butadiene
Concen: 0.042 ppbv
RT: 23.54 min Scan# 6407
Delta R.T. -0.01 min
Lab File: VL033445.D
Acq: 25 Mar 2019 20:50

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2019

Tgt Ion:225 Resp: 3689

Ion	Ratio	Lower	Upper
225	100		
223	100.9	50.0	75.0#
227	113.0	51.1	76.7#