Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071818\
Data File : VL032281.D
Acq On : 19 Jul 2018 4:27
Operator : SY/AP
Sample : J3454-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Jul 19 07:47:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL071818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 18 14:38:53 2018
QLast Update : Wed Jul 18 14:38:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.84	49	1657115	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.37	114	3356263	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.33	117	3984177	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.66	95	3140639	9.72	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.13	85	129811	0.461	ppbv		98
3) Chlorodifluoromethane	3.04	51	706692	3.800	ppbv	#	64
4) Chloromethane	3.22	50	59680	0.545	ppbv		92
9) Propene	3.10	41	30594	0.376	ppbv		83
10) Heptane	8.32	43	10385	0.040	ppbv	#	27
11) Trichlorofluoromethane	4.07	101	55855	0.254	ppbv		93
12) 1,1,2-Trichlorotrifluoroet	4.62	101	11141	0.079	ppbv		98
13) Ethanol	3.71	45	1658430	71.416	ppbv		97
15) Acetone	3.96	43	1550164	8.938	ppbv		97
17) tert-Butyl alcohol	4.44	59	6422	0.117	ppbv	#	72
19) Isopropyl Alcohol	4.09	45	335713	2.862	ppbv	#	1
20) Methylene Chloride	4.47	84	77678	1.163	ppbv		93
23) Vinyl Acetate	5.22	43	35847	0.115	ppbv	#	92
25) Ethyl Acetate	5.85	43	232733	0.616	ppbv	#	92
26) Hexane	5.86	57	204310	1.178	ppbv	#	57
34) 2-Butanone	5.40	43	137558	0.597	ppbv		99
35) Carbon Tetrachloride	7.22	117	11412	0.049	ppbv	#	85
36) Benzene	7.08	78	9693	0.029	ppbv		94
37) 1,2-Dichloroethane	6.49	62	5208	0.027	ppbv	#	85
39) 1,2-Dichloropropane	7.37	63	937830	7.170	ppbv	#	26
41) Tetrahydrofuran	6.21	42	11020	0.082	ppbv	#	39
43) Methyl Methacrylate	8.22	69	3011	0.022	ppbv	#	1
44) 2,2,4-Trimethylpentane	8.07	57	14414	0.025	ppbv	#	18
53) Toluene	10.04	91	100027	0.250	ppbv		99

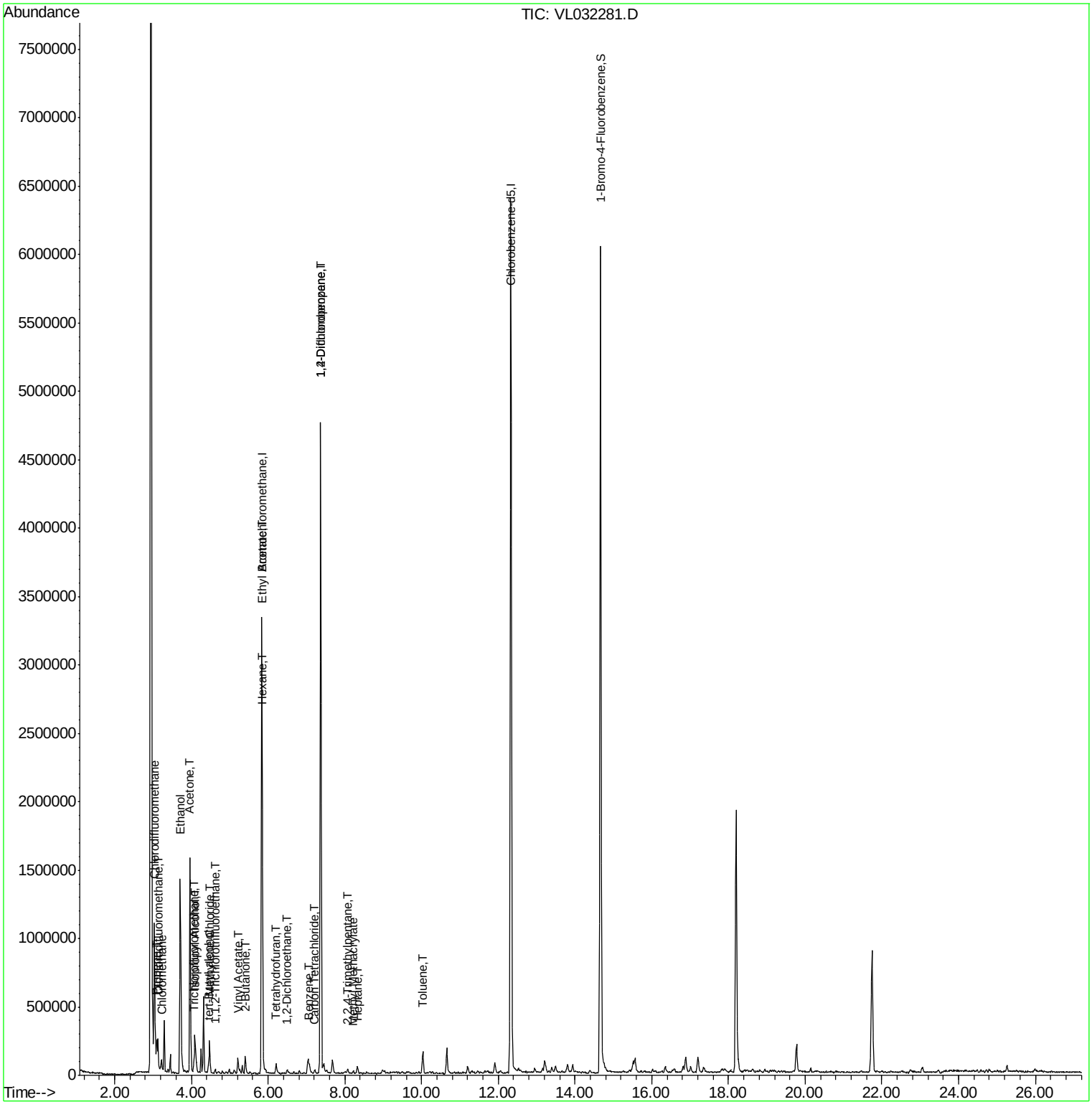
(#) = qualifier out of range (m) = manual integration (+) = signals summed

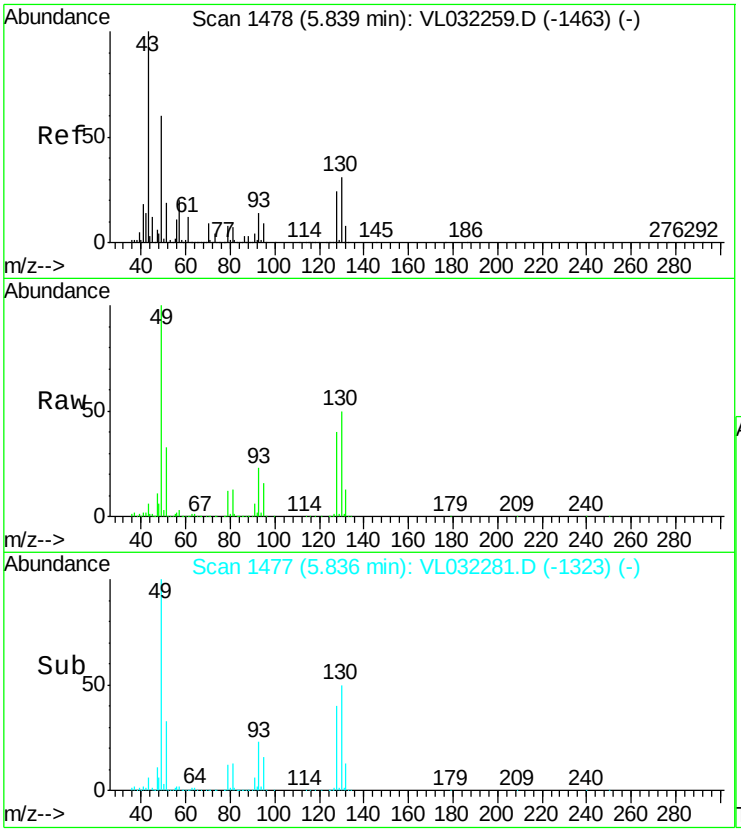
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071818\
Data File : VL032281.D
Acq On : 19 Jul 2018 4:27
Operator : SY/AP
Sample : J3454-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Jul 19 07:47:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL071818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 18 14:38:53 2018
QLast Update : Wed Jul 18 14:38:53 2018
Response via : Initial Calibration



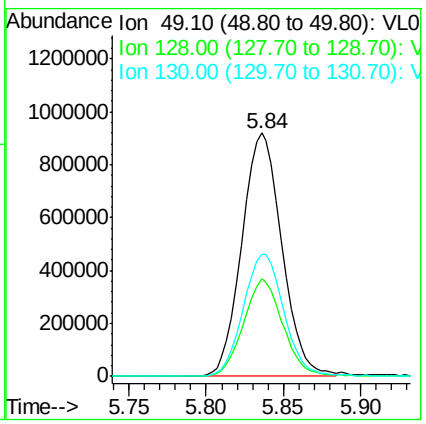


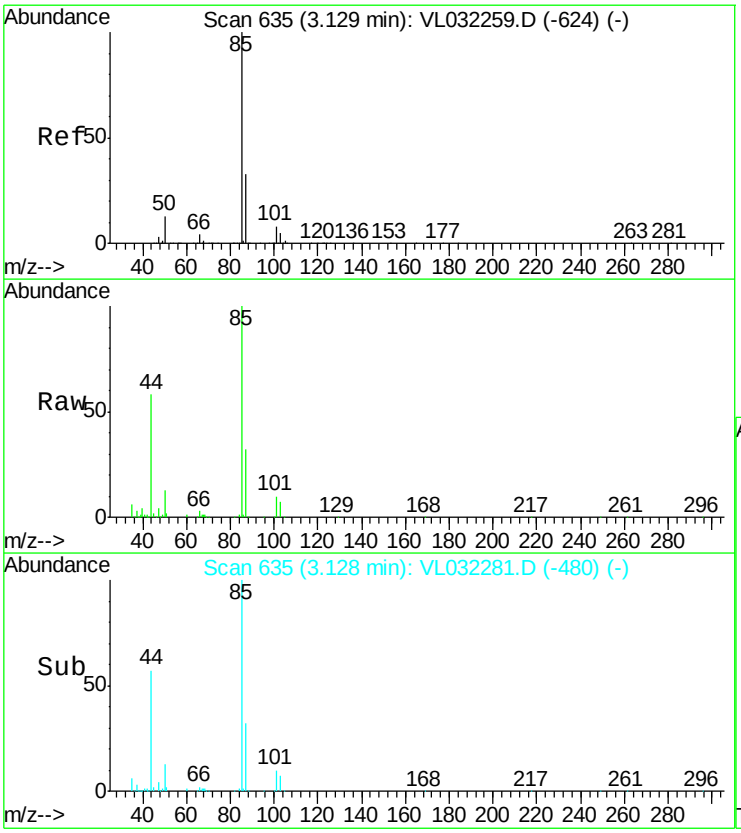
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.84 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VL032281.D
Acq: 19 Jul 2018 4:27

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1657115

Ion	Ratio	Lower	Upper
49	100		
128	39.6	20.1	60.2
130	51.5	25.9	77.6

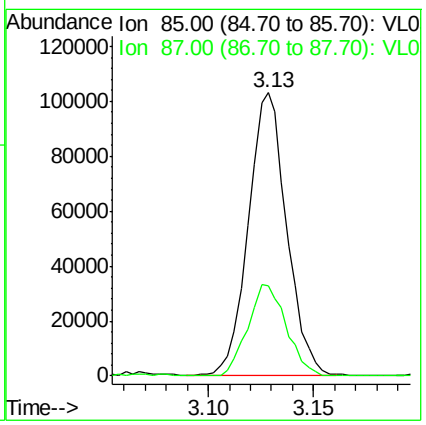


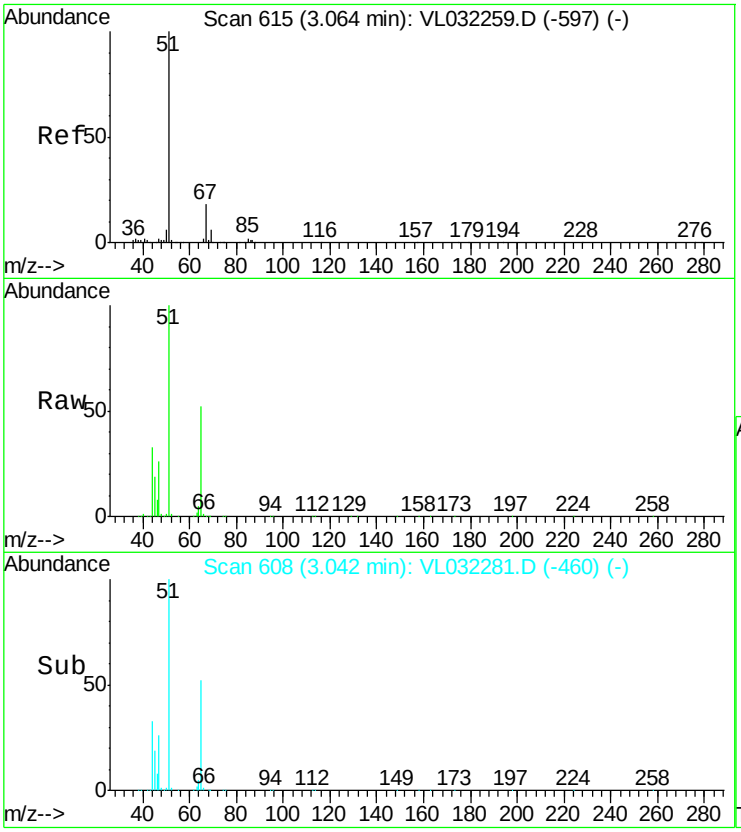


#2
Dichlorodifluoromethane
Concen: 0.461 ppbv
RT: 3.13 min Scan# 635
Delta R.T. -0.00 min
Lab File: VL032281.D
Acq: 19 Jul 2018 4:27

Tgt Ion: 85 Resp: 129811

Ion	Ratio	Lower	Upper
85	100		
87	31.7	26.2	39.2

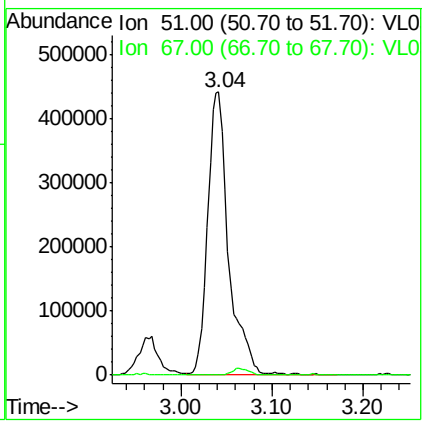




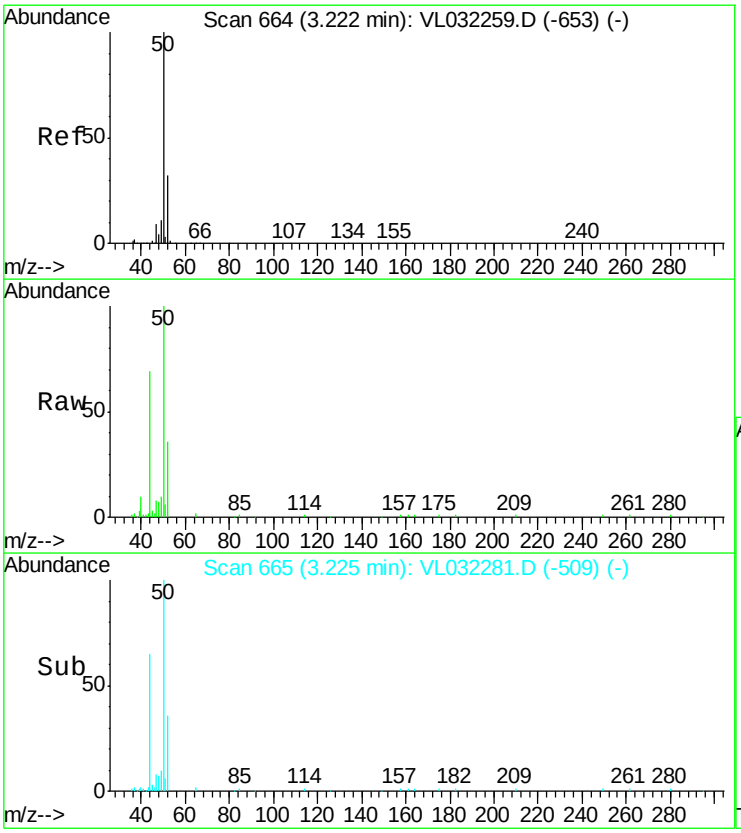
#3
Chlorodifluoromethane
Concen: 3.800 ppbv
RT: 3.04 min Scan# 608
Delta R.T. -0.02 min
Lab File: VL032281.D
Acq: 19 Jul 2018 4:27

Tgt Ion: 51 Resp: 706692

Ion	Ratio	Lower	Upper
51	100		
67	2.1	14.2	21.4#



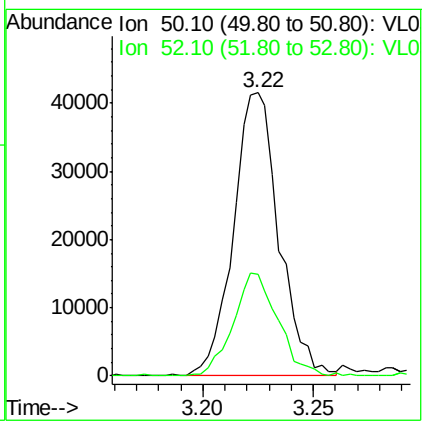
Instrument :
MSVOA_L
ClientSampleId :

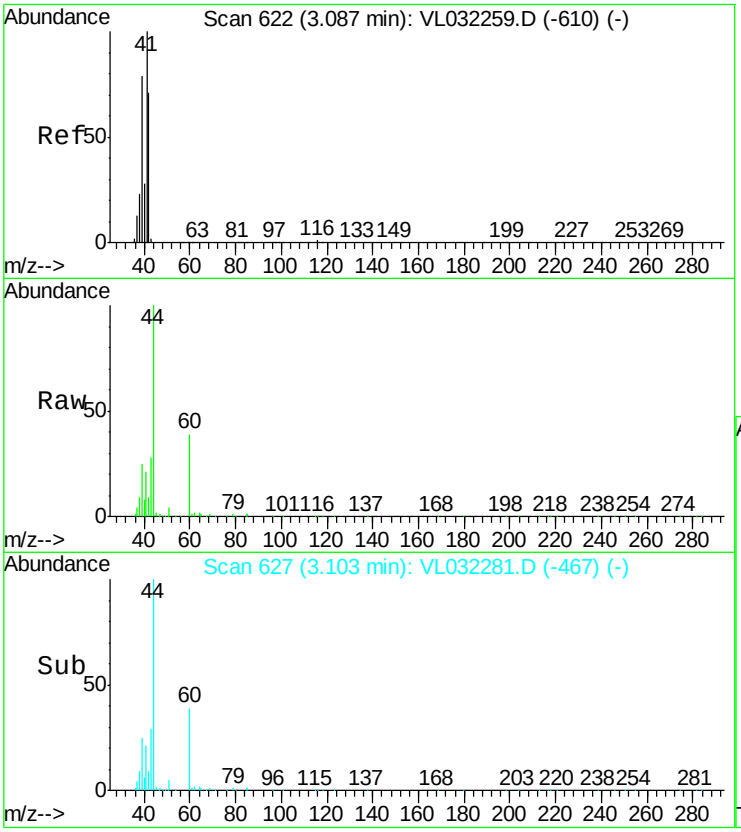


#4
Chloromethane
Concen: 0.545 ppbv
RT: 3.22 min Scan# 665
Delta R.T. 0.00 min
Lab File: VL032281.D
Acq: 19 Jul 2018 4:27

Tgt Ion: 50 Resp: 59680

Ion	Ratio	Lower	Upper
50	100		
52	36.1	25.3	37.9



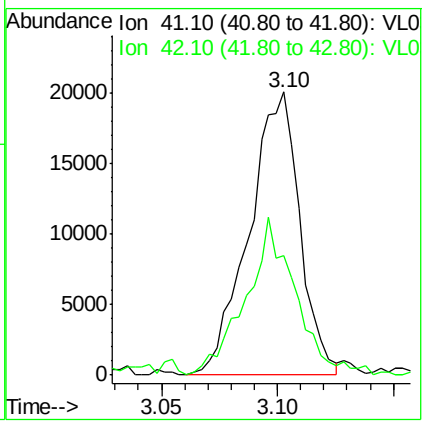


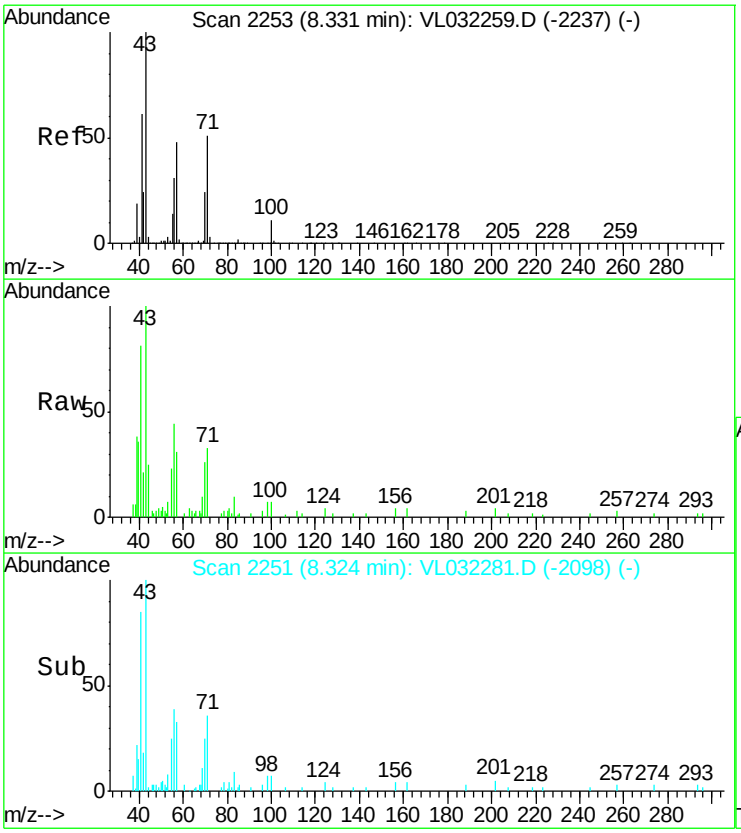
#9
Propene
Concen: 0.376 ppbv
RT: 3.10 min Scan# 627
Delta R.T. 0.02 min
Lab File: VL032281.D
Acq: 19 Jul 2018 4:27

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 30594

Ion	Ratio	Lower	Upper
41	100		
42	56.3	56.2	84.4

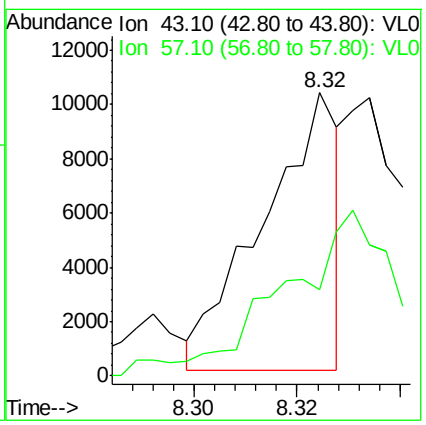


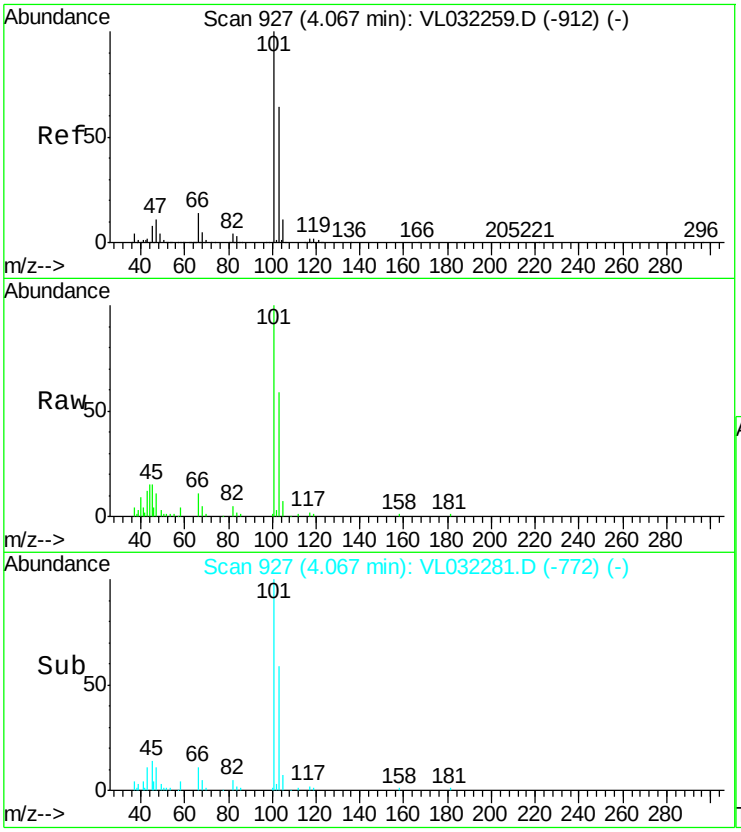


#10
Heptane
Concen: 0.040 ppbv
RT: 8.32 min Scan# 2251
Delta R.T. -0.01 min
Lab File: VL032281.D
Acq: 19 Jul 2018 4:27

Tgt Ion: 43 Resp: 10385

Ion	Ratio	Lower	Upper
43	100		
57	0.0	39.9	59.9#



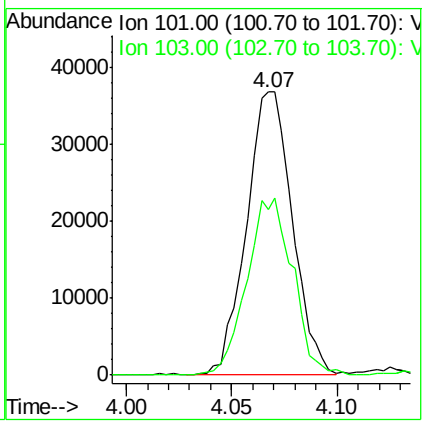


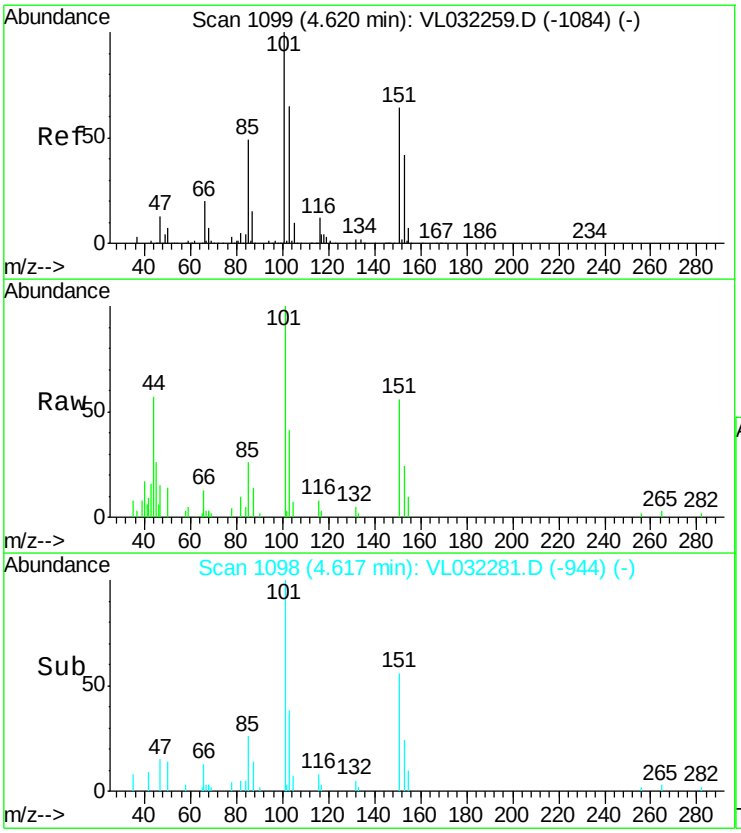
#11
Trichlorofluoromethane
Concen: 0.254 ppbv
RT: 4.07 min Scan# 927
Delta R.T. -0.00 min
Lab File: VL032281.D
Acq: 19 Jul 2018 4:27

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 55855

Ion	Ratio	Lower	Upper
101	100		
103	58.6	51.5	77.3

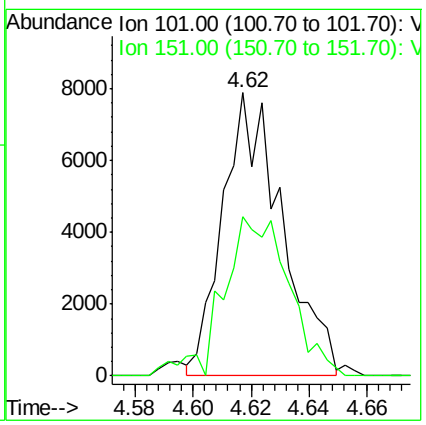


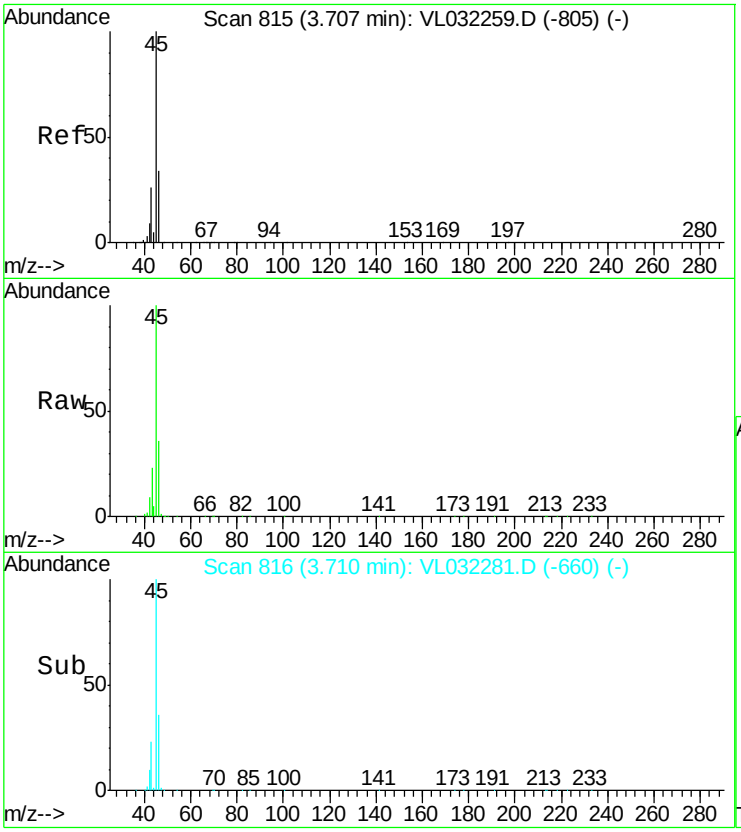


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.079 ppbv
RT: 4.62 min Scan# 1098
Delta R.T. -0.00 min
Lab File: VL032281.D
Acq: 19 Jul 2018 4:27

Tgt Ion:101 Resp: 11141

Ion	Ratio	Lower	Upper
101	100		
151	62.6	51.3	76.9



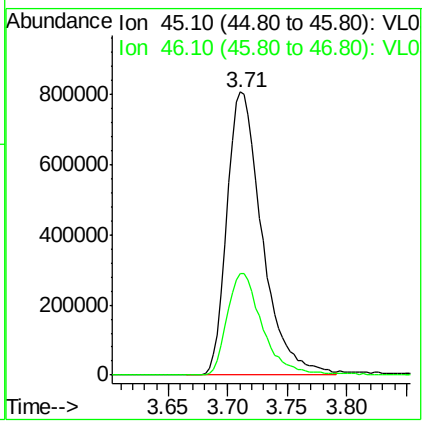


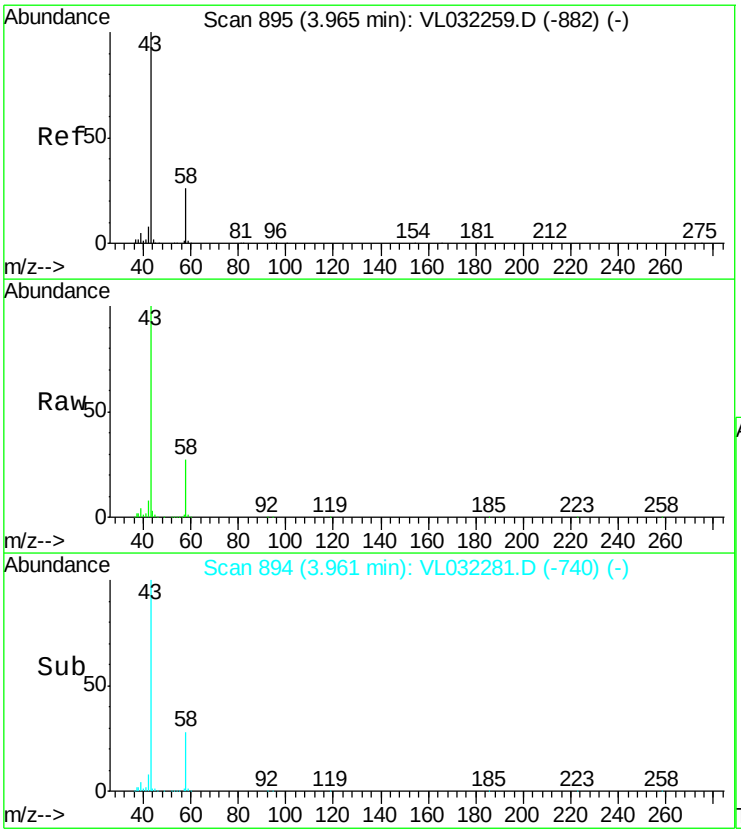
#13
Ethanol
Concen: 71.416 ppbv
RT: 3.71 min Scan# 816
Delta R.T. 0.00 min
Lab File: VL032281.D
Acq: 19 Jul 2018 4:27

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 1658430

Ion	Ratio	Lower	Upper
45	100		
46	36.4	15.2	60.8

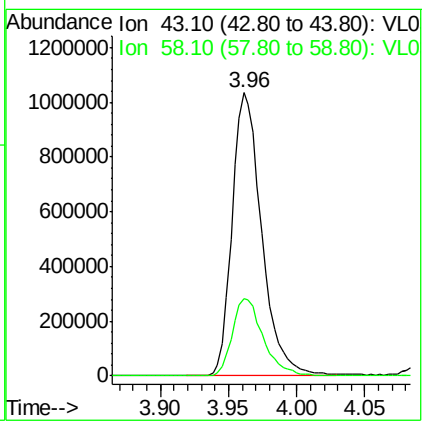


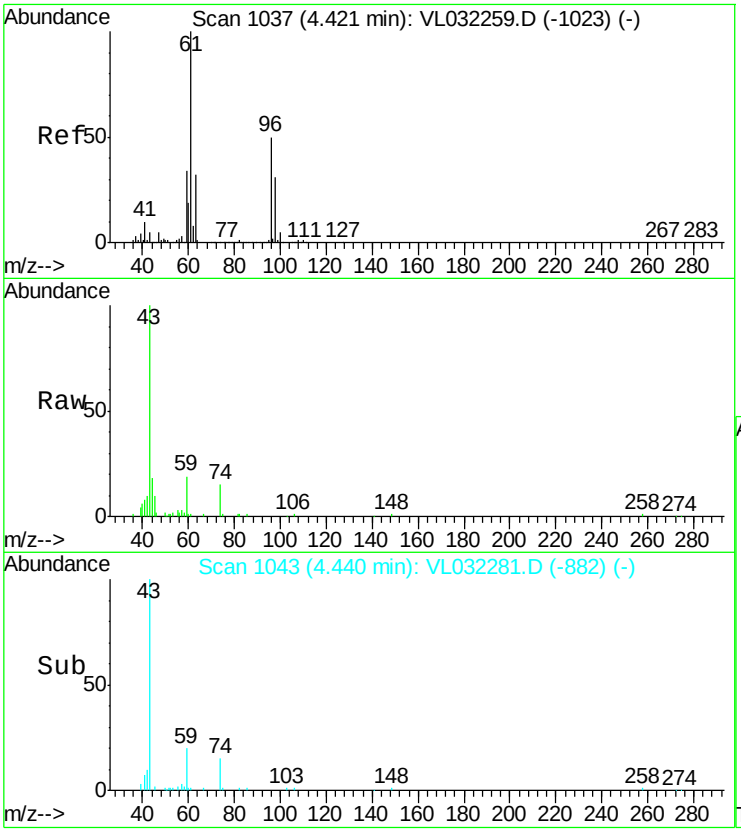


#15
Acetone
Concen: 8.938 ppbv
RT: 3.96 min Scan# 894
Delta R.T. -0.00 min
Lab File: VL032281.D
Acq: 19 Jul 2018 4:27

Tgt Ion: 43 Resp: 1550164

Ion	Ratio	Lower	Upper
43	100		
58	28.9	21.8	32.6



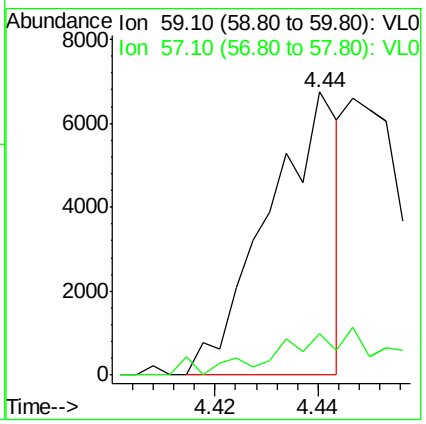


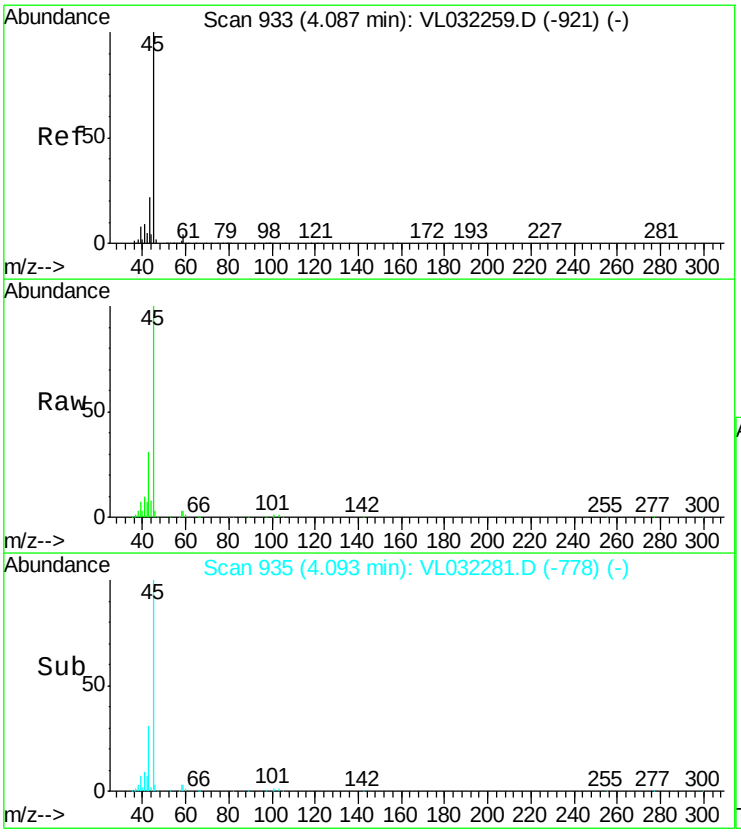
#17
tert-Butyl alcohol
Concen: 0.117 ppbv
RT: 4.44 min Scan# 1043
Delta R.T. 0.02 min
Lab File: VL032281.D
Acq: 19 Jul 2018 4:27

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 59 Resp: 6422

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#

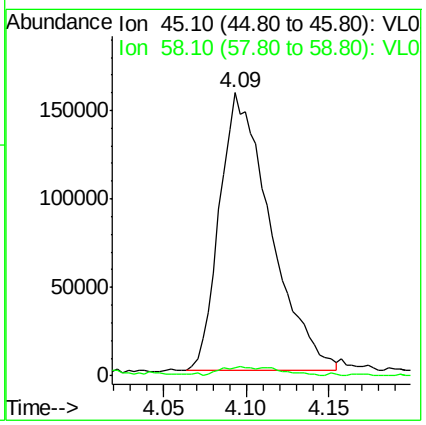


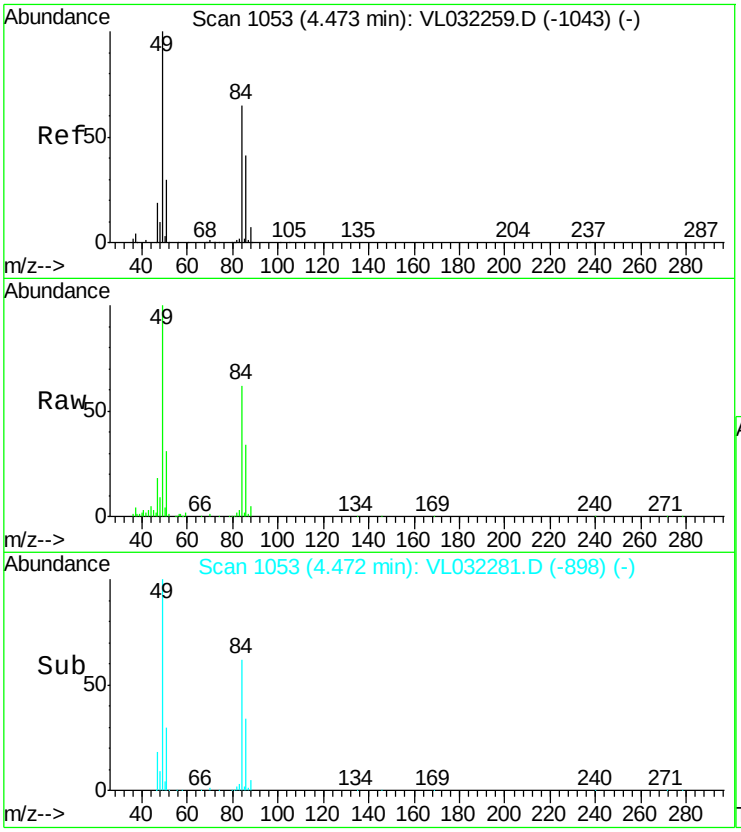


#19
Isopropyl Alcohol
Concen: 2.862 ppbv
RT: 4.09 min Scan# 935
Delta R.T. 0.01 min
Lab File: VL032281.D
Acq: 19 Jul 2018 4:27

Tgt Ion: 45 Resp: 335713

Ion	Ratio	Lower	Upper
45	100		
58	133.2	1.5	2.3#



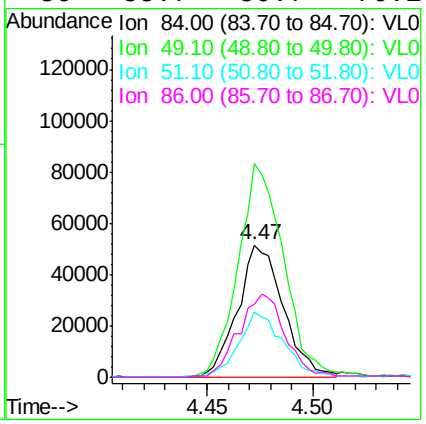


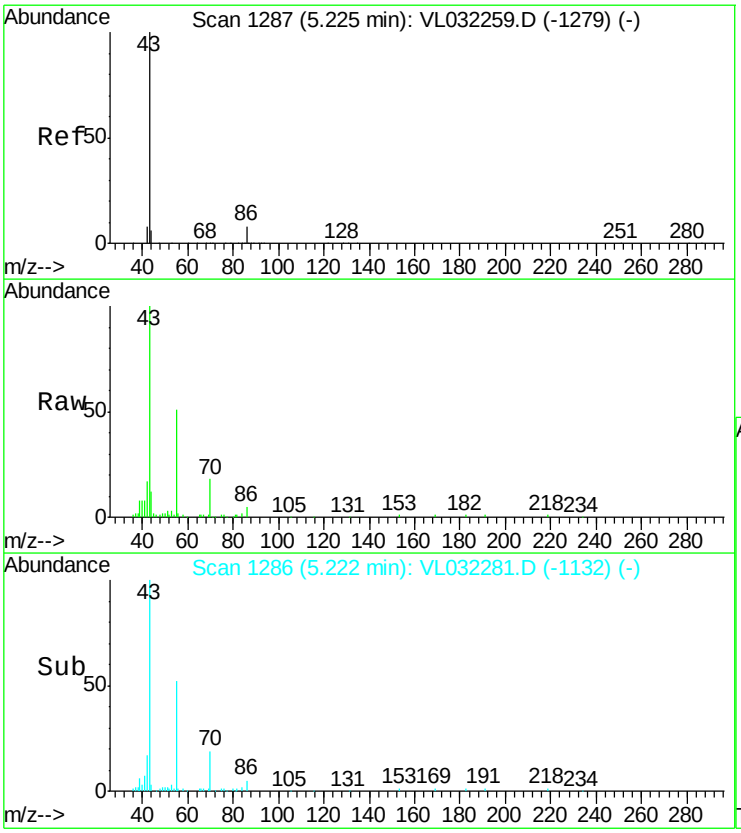
#20
Methylene Chloride
Concen: 1.163 ppbv
RT: 4.47 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VL032281.D
Acq: 19 Jul 2018 4:27

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 77678

Ion	Ratio	Lower	Upper
84	100		
49	161.7	122.4	183.6
51	48.7	36.8	55.2
86	55.7	50.7	76.1

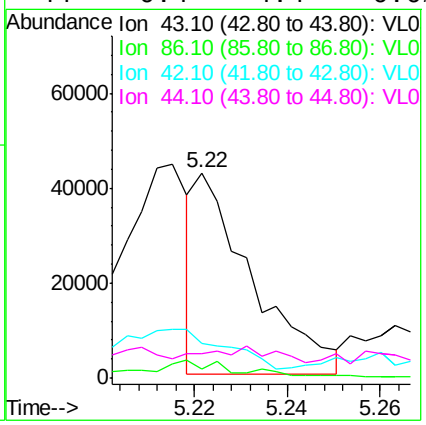


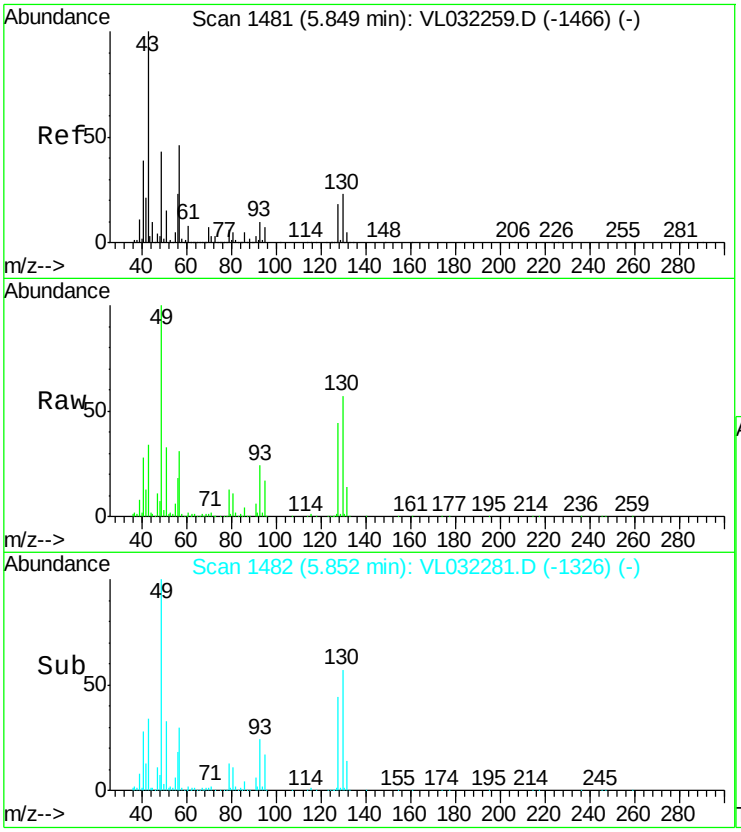


#23
Vinyl Acetate
Concen: 0.115 ppbv
RT: 5.22 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VL032281.D
Acq: 19 Jul 2018 4:27

Tgt Ion: 43 Resp: 35847

Ion	Ratio	Lower	Upper
43	100		
86	3.6	5.9	8.9#
42	8.2	7.3	10.9
44	0.4	4.4	6.6#



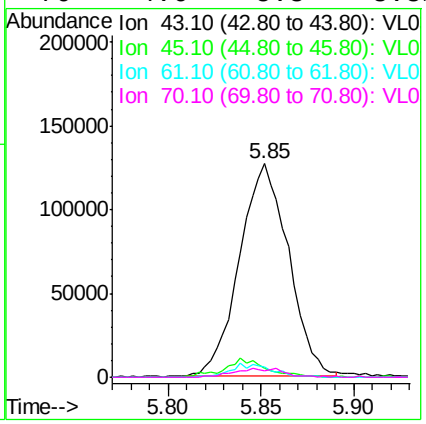


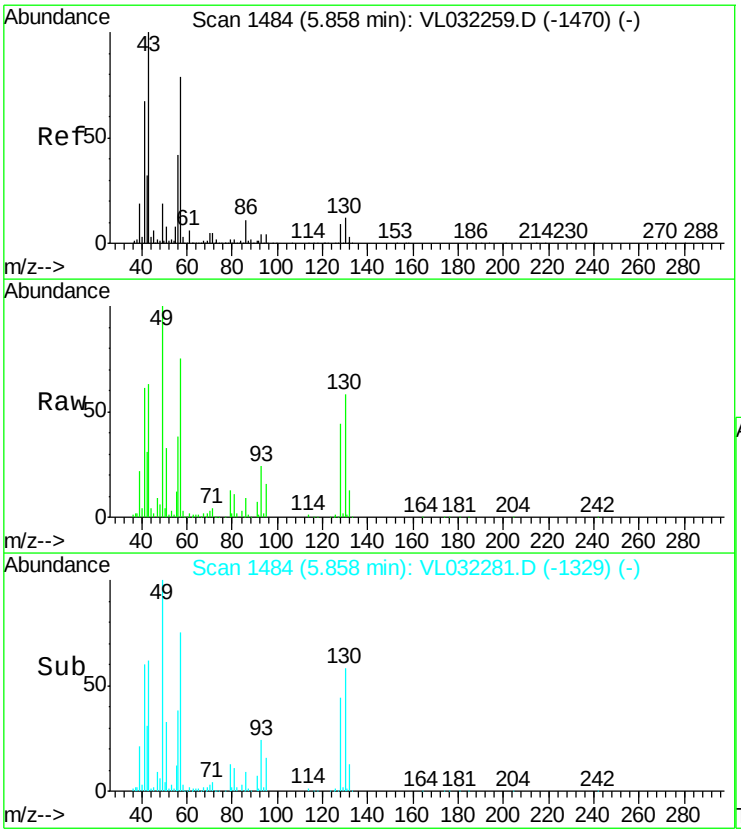
#25
Ethyl Acetate
Concen: 0.616 ppbv
RT: 5.85 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VL032281.D
Acq: 19 Jul 2018 4:27

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 232733

Ion	Ratio	Lower	Upper
43	100		
45	7.9	7.9	11.9#
61	5.6	7.6	11.4#
70	4.6	5.8	8.8#

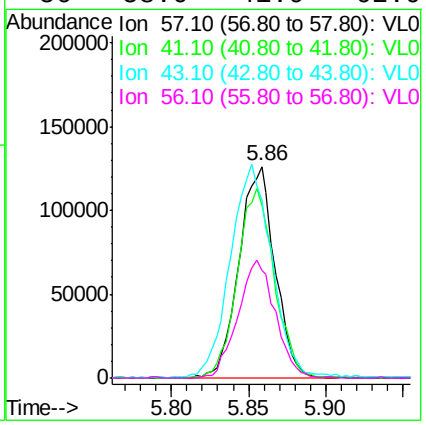


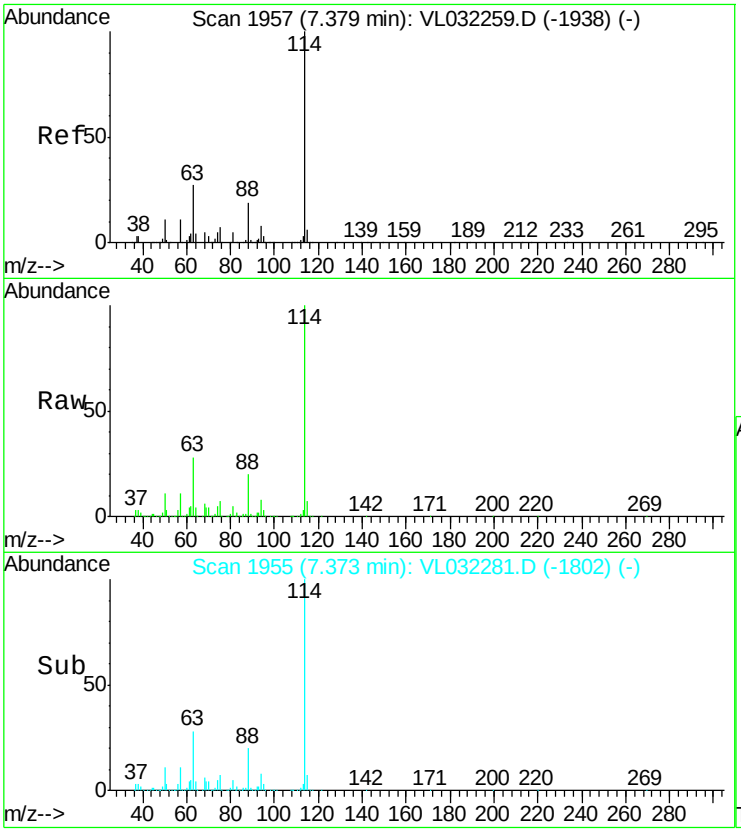


#26
Hexane
Concen: 1.178 ppbv
RT: 5.86 min Scan# 1484
Delta R.T. -0.00 min
Lab File: VL032281.D
Acq: 19 Jul 2018 4:27

Tgt Ion: 57 Resp: 204310

Ion	Ratio	Lower	Upper
57	100		
41	92.5	67.9	101.9
43	116.1	175.9	263.9#
56	58.0	41.9	62.9



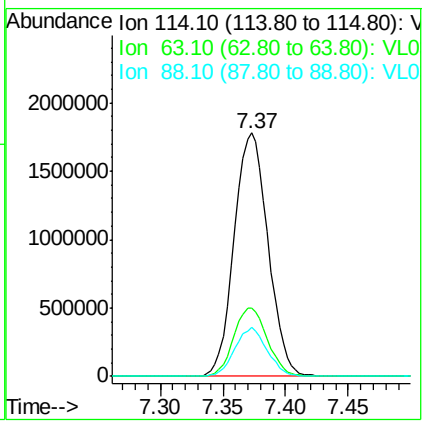


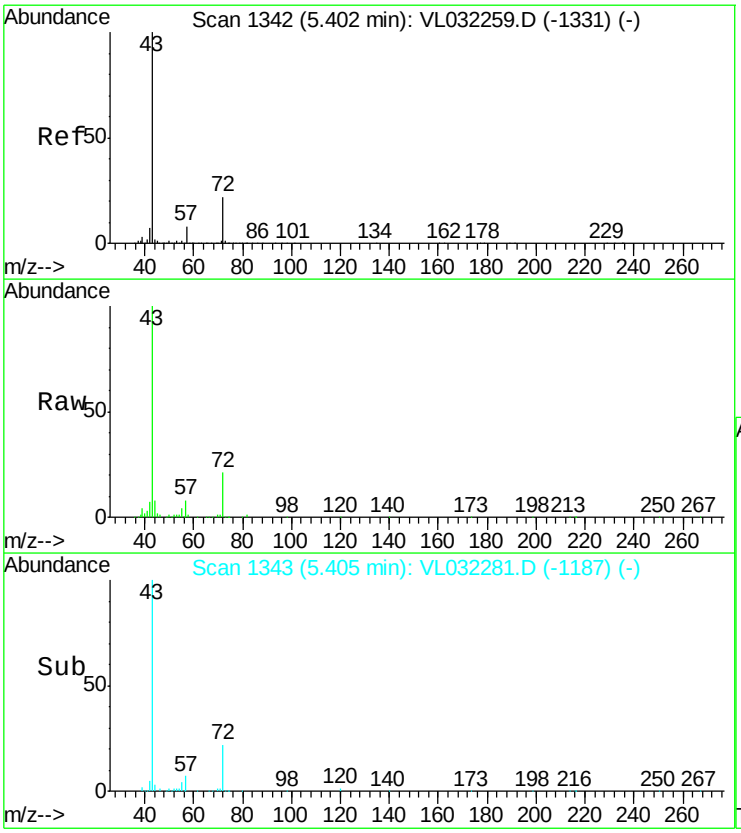
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.37 min Scan# 1955
Delta R.T. -0.01 min
Lab File: VL032281.D
Acq: 19 Jul 2018 4:27

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 3356263

Ion	Ratio	Lower	Upper
114	100		
63	28.0	22.6	33.8
88	19.0	15.2	22.8

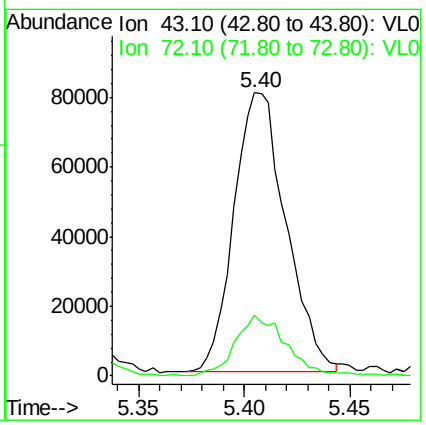


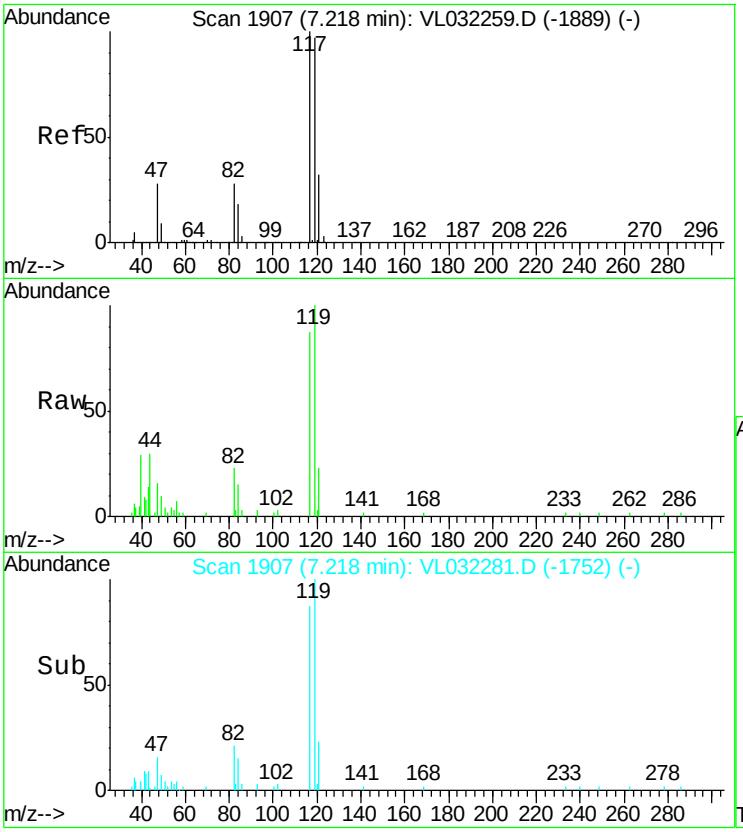


#34
2-Butanone
Concen: 0.597 ppbv
RT: 5.40 min Scan# 1343
Delta R.T. 0.00 min
Lab File: VL032281.D
Acq: 19 Jul 2018 4:27

Tgt Ion: 43 Resp: 137558

Ion	Ratio	Lower	Upper
43	100		
72	21.7	17.7	26.5



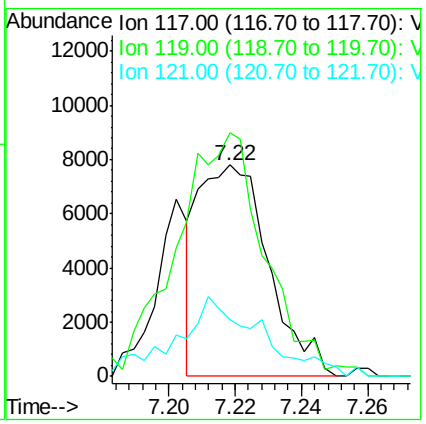


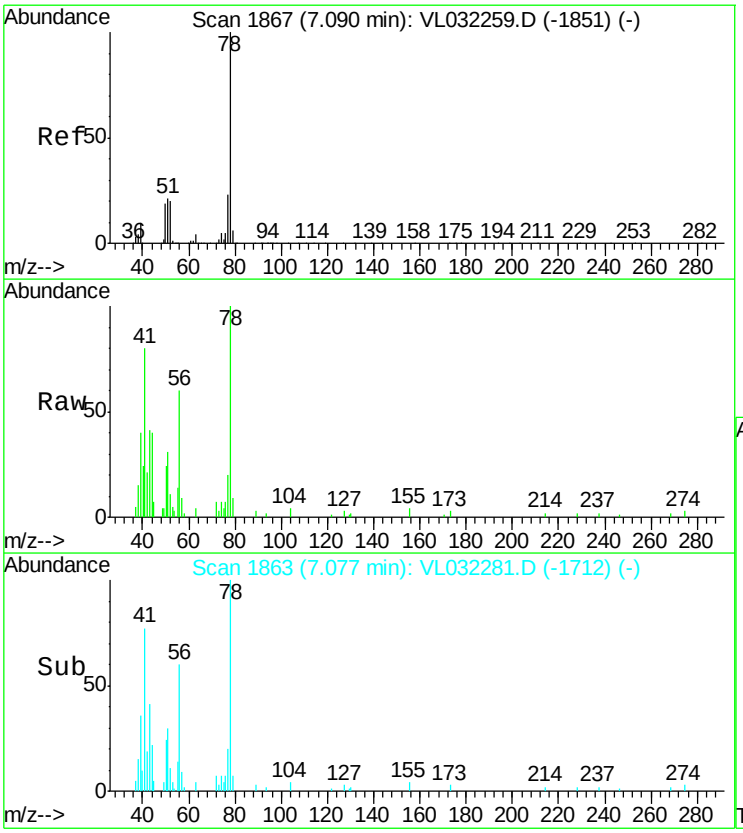
#35
Carbon Tetrachloride
Concen: 0.049 ppbv
RT: 7.22 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VL032281.D
Acq: 19 Jul 2018 4:27

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 11412

Ion	Ratio	Lower	Upper
117	100		
119	110.4	77.4	116.0
121	22.8	25.4	38.2#

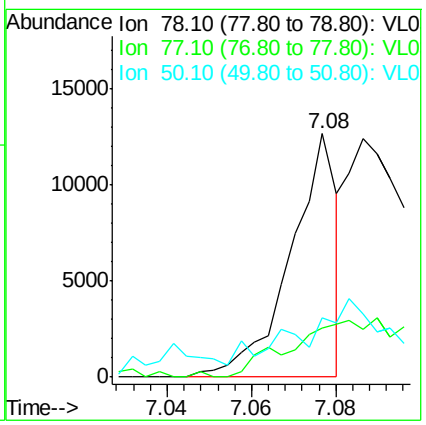


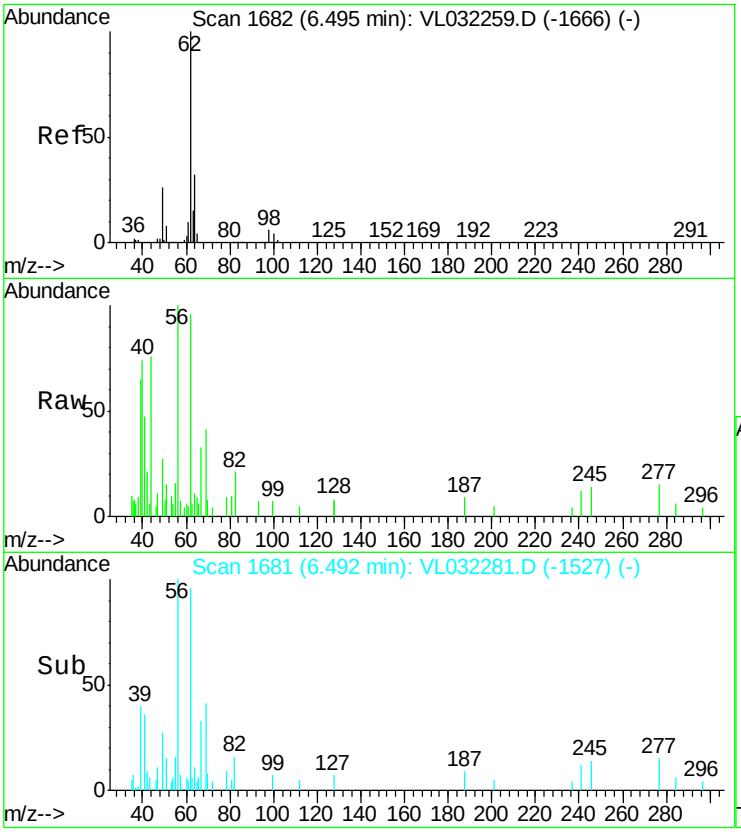


#36
Benzene
Concen: 0.029 ppbv
RT: 7.08 min Scan# 1863
Delta R.T. -0.01 min
Lab File: VL032281.D
Acq: 19 Jul 2018 4:27

Tgt Ion: 78 Resp: 9693

Ion	Ratio	Lower	Upper
78	100		
77	20.1	18.6	27.8
50	16.1	15.0	22.6



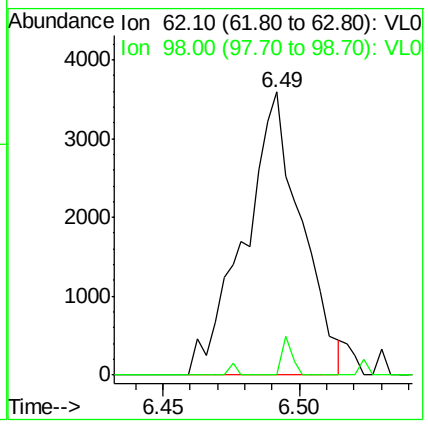


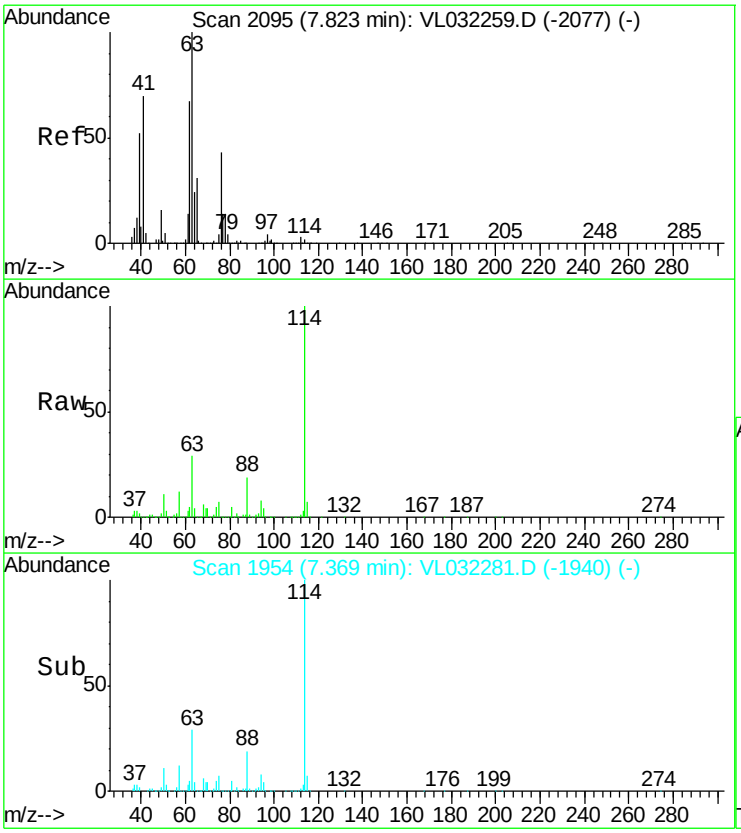
#37
1,2-Dichloroethane
Concen: 0.027 ppbv
RT: 6.49 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VL032281.D
Acq: 19 Jul 2018 4:27

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 62 Resp: 5208

Ion	Ratio	Lower	Upper
62	100		
98	0.9	4.9	7.3#

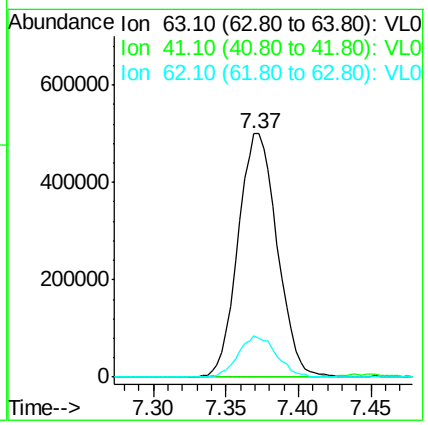


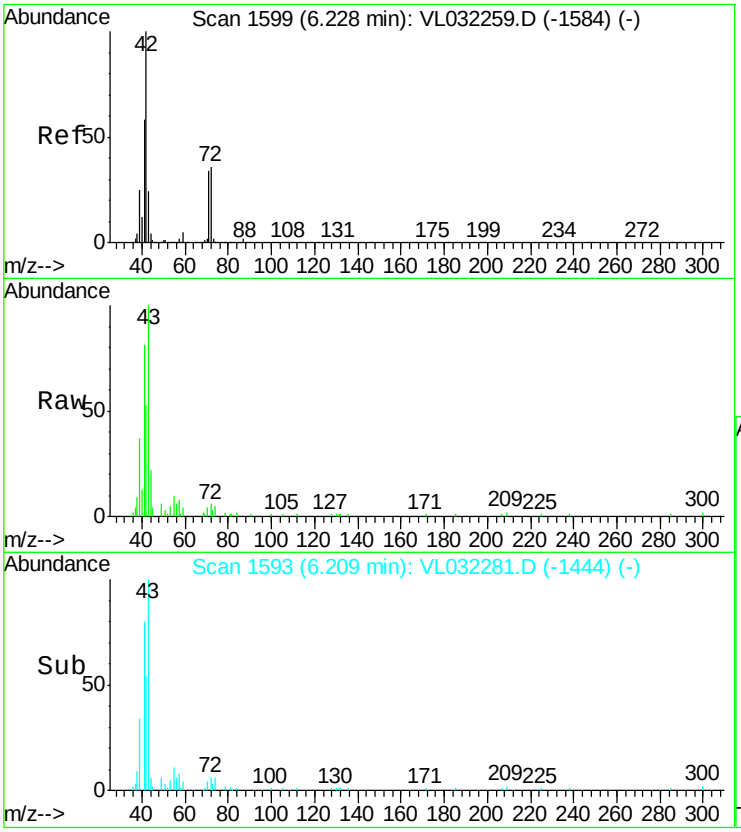


#39
1,2-Dichloropropane
Concen: 7.170 ppbv
RT: 7.37 min Scan# 1954
Delta R.T. -0.45 min
Lab File: VL032281.D
Acq: 19 Jul 2018 4:27

Tgt Ion: 63 Resp: 937830

Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.8	83.6#
62	16.9	53.8	80.8#



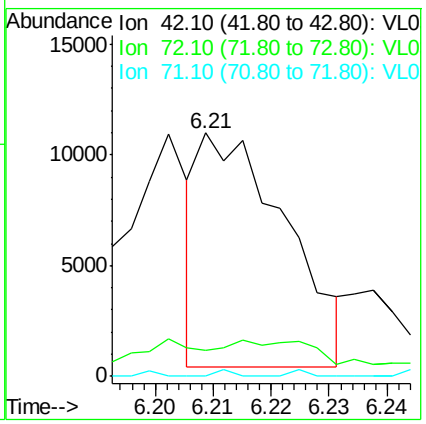


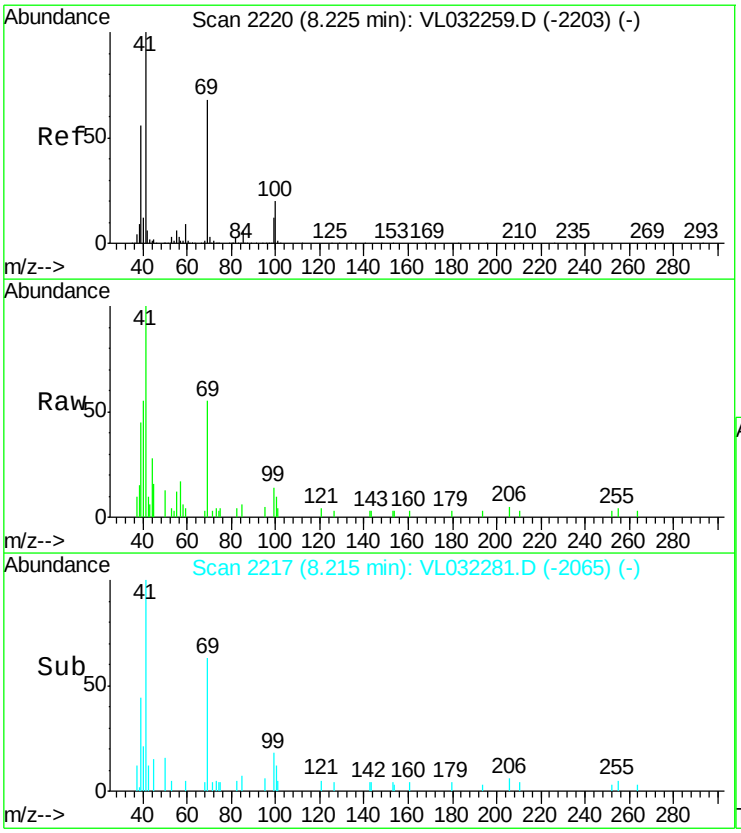
#41
Tetrahydrofuran
Concen: 0.082 ppbv
RT: 6.21 min Scan# 1593
Delta R.T. -0.02 min
Lab File: VL032281.D
Acq: 19 Jul 2018 4:27

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 42 Resp: 11020

Ion	Ratio	Lower	Upper
42	100		
72	0.0	29.4	44.0#
71	0.0	28.2	42.4#

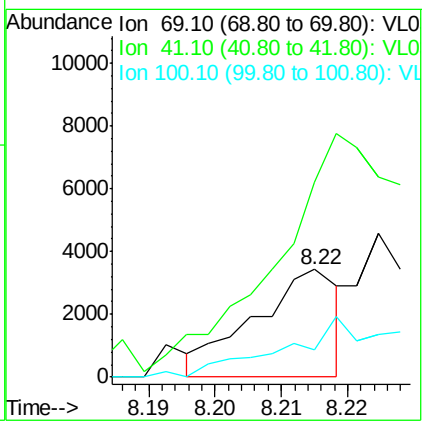


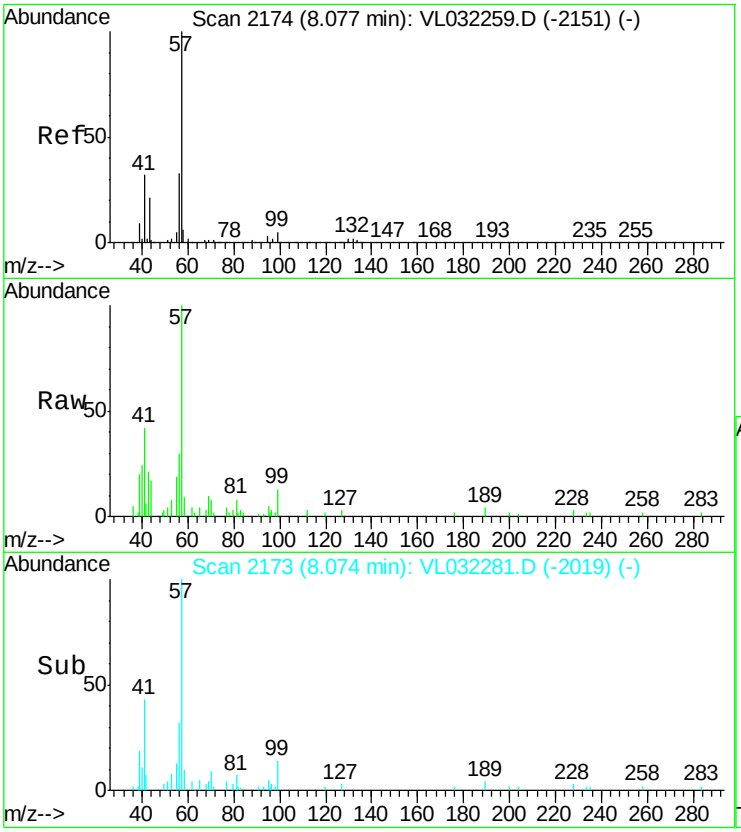


#43
Methyl Methacrylate
Concen: 0.022 ppbv
RT: 8.22 min Scan# 2217
Delta R.T. -0.01 min
Lab File: VL032281.D
Acq: 19 Jul 2018 4:27

Tgt Ion: 69 Resp: 3011

Ion	Ratio	Lower	Upper
69	100		
41	518.4	118.6	177.8#
100	100.0	23.3	34.9#



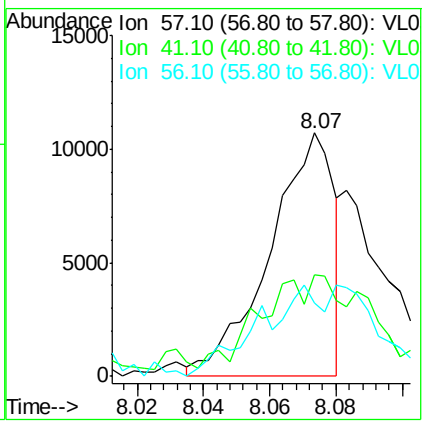


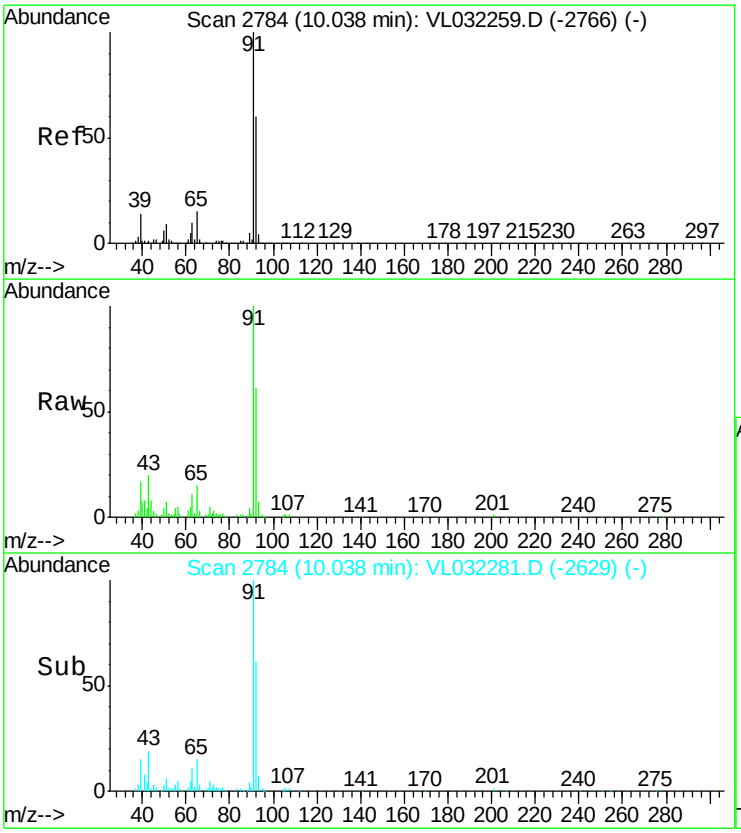
#44
2,2,4-Trimethylpentane
Concen: 0.025 ppbv
RT: 8.07 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VL032281.D
Acq: 19 Jul 2018 4:27

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 14414

Ion	Ratio	Lower	Upper
57	100		
41	76.5	24.4	36.6#
56	76.2	25.7	38.5#

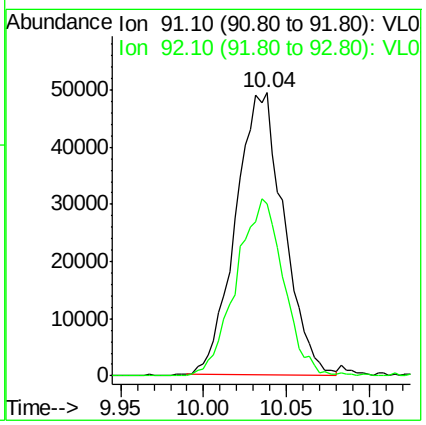


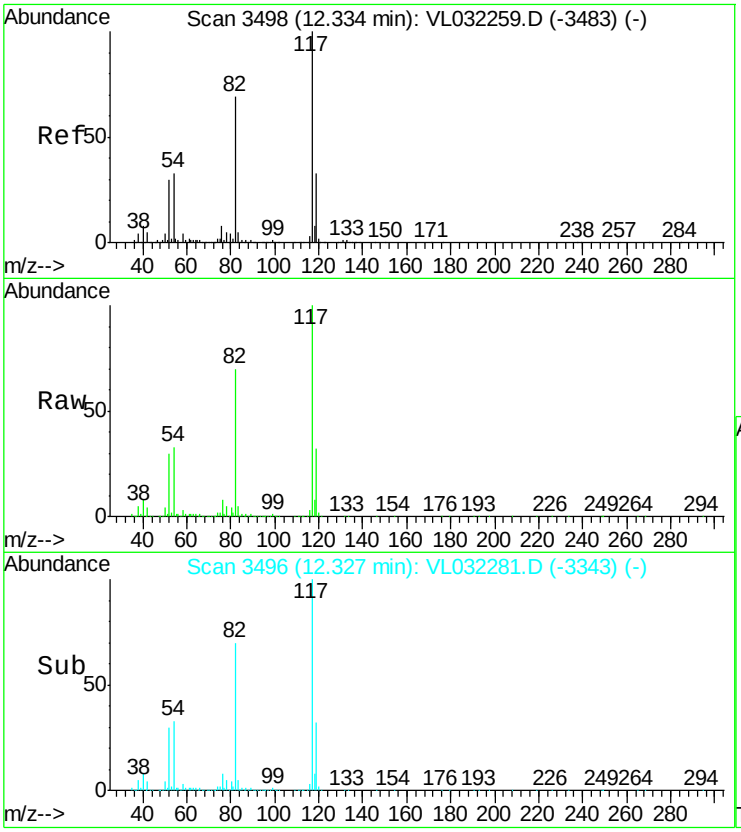


#53
Toluene
Concen: 0.250 ppbv
RT: 10.04 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VL032281.D
Acq: 19 Jul 2018 4:27

Tgt Ion: 91 Resp: 100027

Ion	Ratio	Lower	Upper
91	100		
92	61.7	48.6	72.8



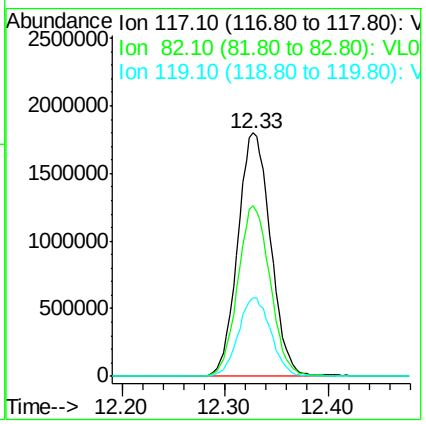


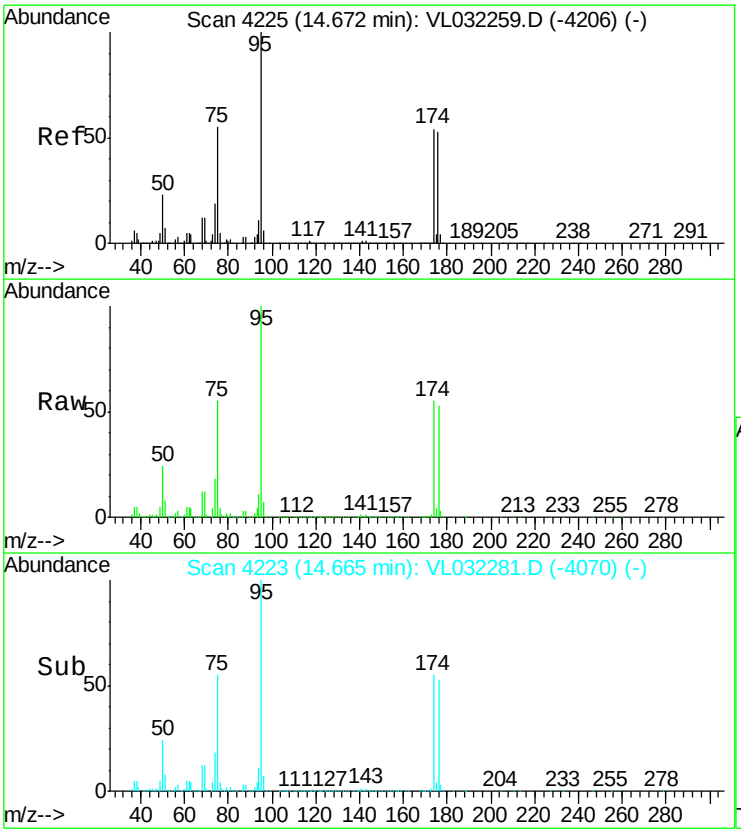
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.33 min Scan# 3496
Delta R.T. -0.01 min
Lab File: VL032281.D
Acq: 19 Jul 2018 4:27

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 3984177

Ion	Ratio	Lower	Upper
117	100		
82	69.5	53.9	80.9
119	32.1	25.5	38.3





#68
1-Bromo-4-Fluorobenzene
Concen: 9.722 ppbv
RT: 14.66 min Scan# 4223
Delta R.T. -0.01 min
Lab File: VL032281.D
Acq: 19 Jul 2018 4:27

Tgt Ion: 95 Resp: 3140639

Ion	Ratio	Lower	Upper
95	100		
174	55.8	44.3	66.5
175	3.8	3.3	4.9