Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070218\
Data File : VL032195.D
Acq On : 2 Jul 2018 23:47
Operator : SY/AP
Sample : J3735-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SS-1

Quant Time: Jul 03 05:06:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062918AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 29 22:27:58 2018
QLast Update : Fri Jun 29 22:27:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.84	49	1370566	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.38	114	3604974	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.34	117	3124845	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.67	95	2346242	9.82	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.13	85	53657	0.297	ppbv		97
3) Chlorodifluoromethane	3.07	51	91343	0.545	ppbv		99
4) Chloromethane	3.23	50	19015	0.213	ppbv	#	78
9) Propene	3.10	41	28259	0.362	ppbv		86
10) Heptane	8.33	43	10363	0.046	ppbv	#	28
11) Trichlorofluoromethane	4.07	101	44110	0.226	ppbv		92
12) 1,1,2-Trichlorotrifluoroet	4.63	101	5076	0.039	ppbv	#	52
13) Ethanol	3.71	45	359025	15.174	ppbv		95
15) Acetone	3.97	43	387955	2.421	ppbv		96
16) 1,3-Butadiene	3.40	39	5898	0.077	ppbv	#	36
19) Isopropyl Alcohol	4.12	45	6766	0.051	ppbv	#	38
20) Methylene Chloride	4.48	84	27774	0.474	ppbv		93
25) Ethyl Acetate	5.86	43	47973	0.145	ppbv	#	97
26) Hexane	5.86	57	38347	0.251	ppbv	#	66
29) Chloroform	5.93	83	7303	0.033	ppbv		95
34) 2-Butanone	5.42	43	38034	0.166	ppbv		96
35) Carbon Tetrachloride	7.23	117	16010	0.065	ppbv		98
36) Benzene	7.10	78	36572	0.105	ppbv	#	90
39) 1,2-Dichloropropane	7.38	63	965204	7.014	ppbv	#	26
44) 2,2,4-Trimethylpentane	8.09	57	50778	0.083	ppbv	#	87
53) Toluene	10.04	91	49603	0.118	ppbv	#	20
59) m/p-Xylene	13.25	91	12528	0.031	ppbv	#	29
74) 1,2,4-Trimethylbenzene	17.02	105	14983	0.030	ppbv	#	64

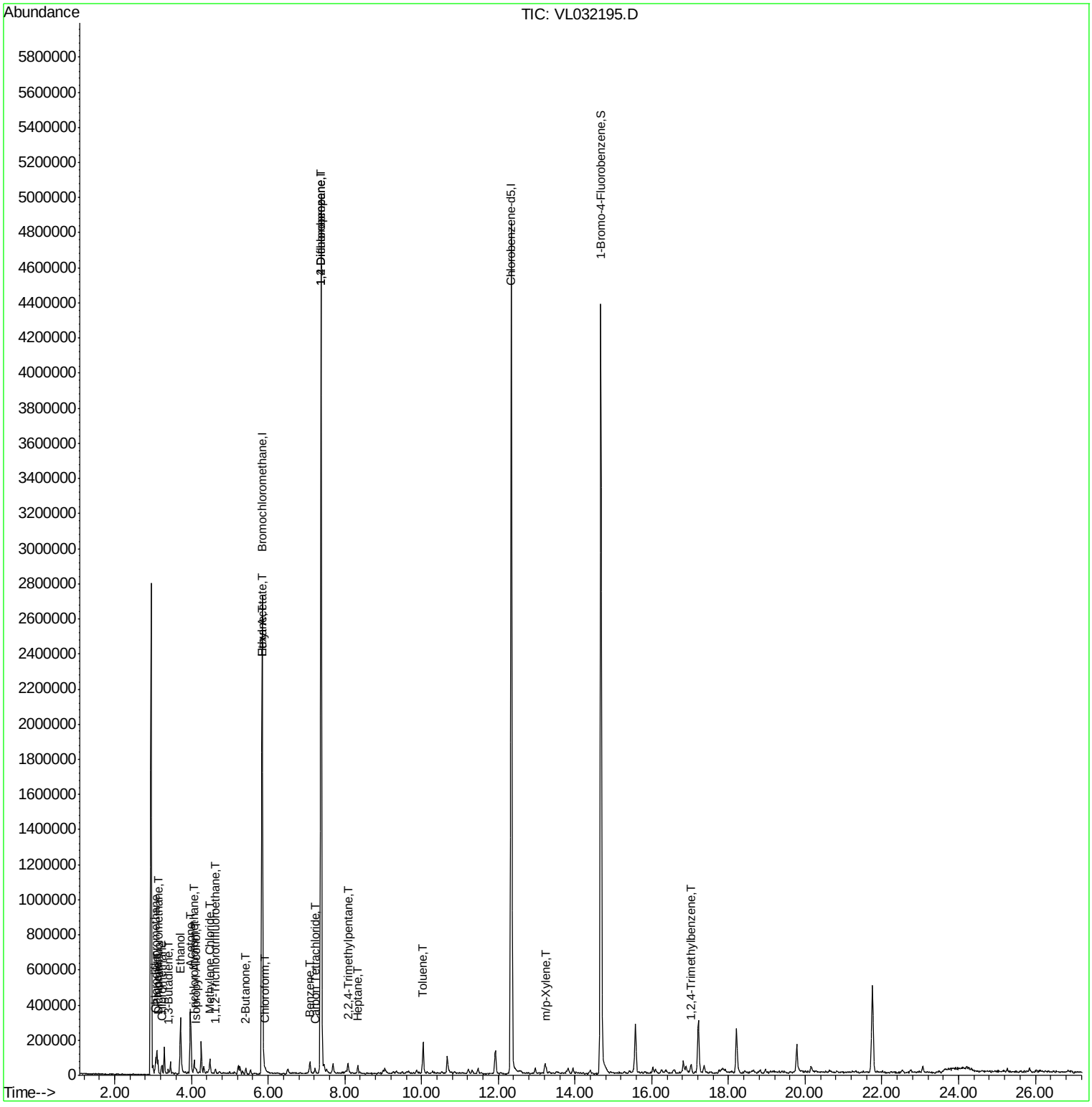
(#) = qualifier out of range (m) = manual integration (+) = signals summed

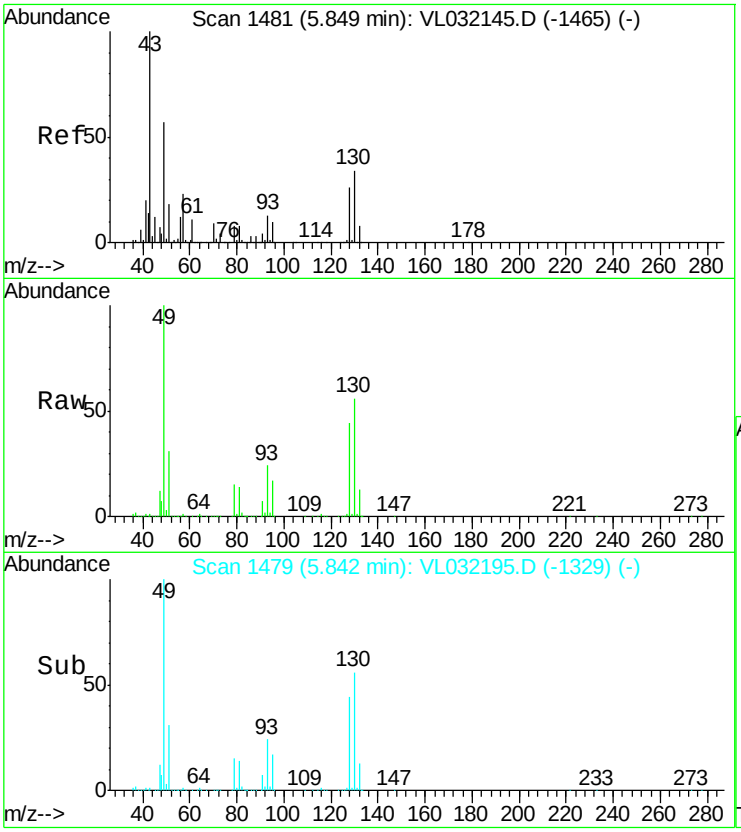
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070218\
Data File : VL032195.D
Acq On : 2 Jul 2018 23:47
Operator : SY/AP
Sample : J3735-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SS-1

Quant Time: Jul 03 05:06:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062918AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 29 22:27:58 2018
QLast Update : Fri Jun 29 22:27:58 2018
Response via : Initial Calibration



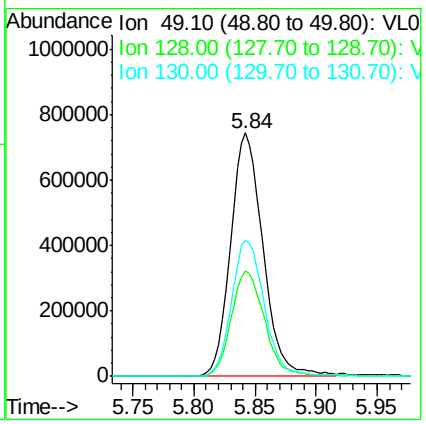


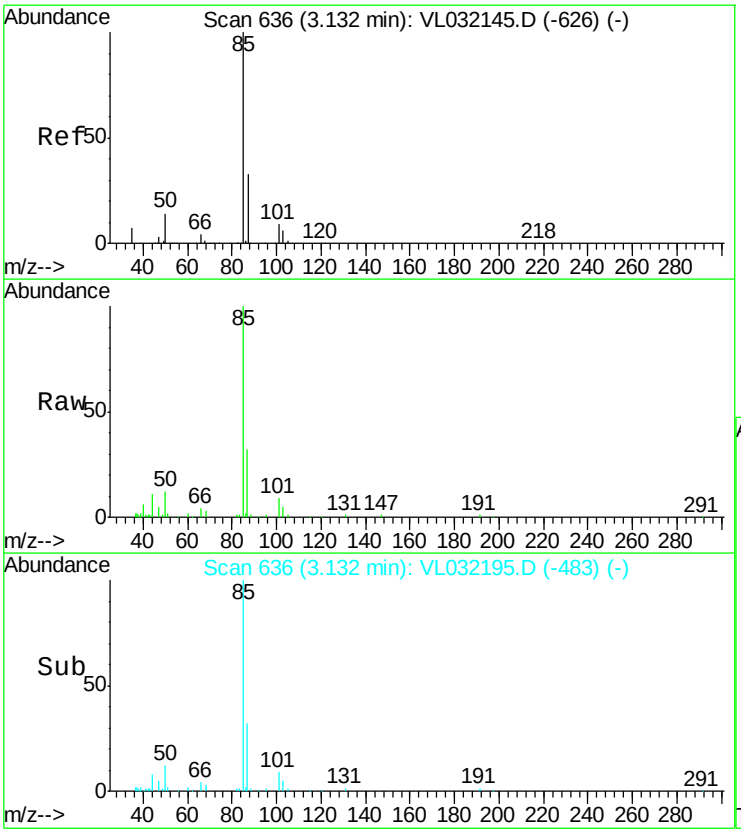
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.84 min Scan# 1479
Delta R.T. -0.02 min
Lab File: VL032195.D
Acq: 2 Jul 2018 23:47

Instrument :
MSVOA_L
ClientSampleId :
SS-1

Tgt Ion: 49 Resp: 1370566

Ion	Ratio	Lower	Upper
49	100		
128	45.0	23.4	70.0
130	56.4	30.3	90.9

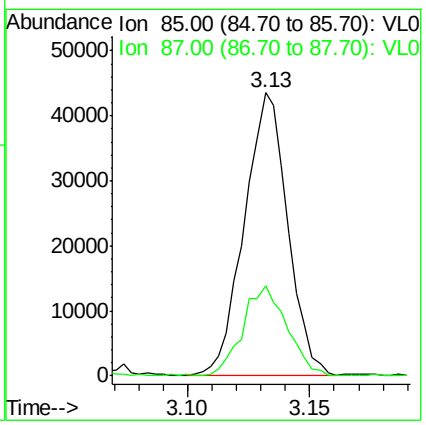


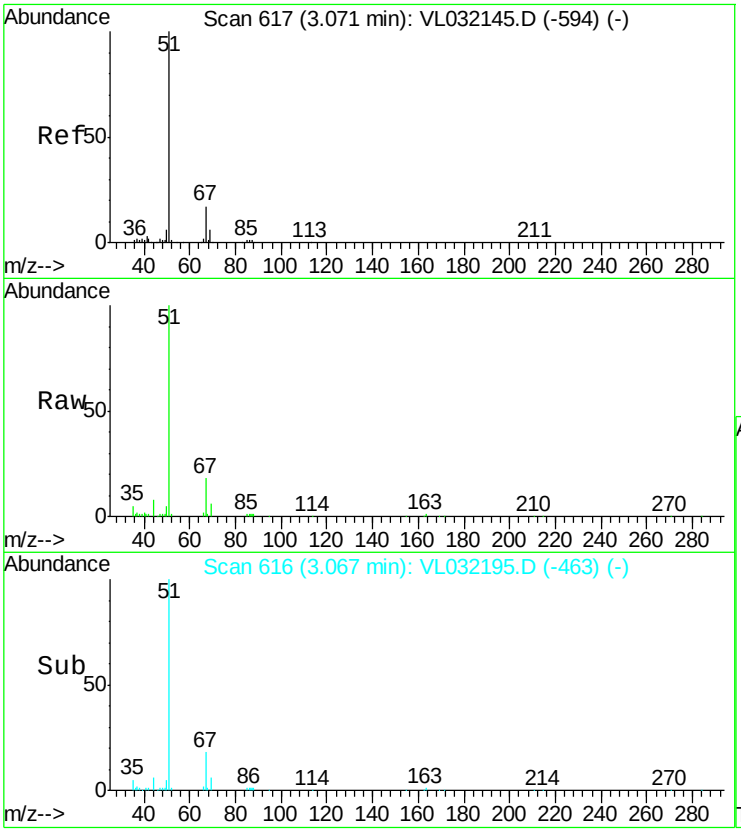


#2
Dichlorodifluoromethane
Concen: 0.297 ppbv
RT: 3.13 min Scan# 636
Delta R.T. -0.01 min
Lab File: VL032195.D
Acq: 2 Jul 2018 23:47

Tgt Ion: 85 Resp: 53657

Ion	Ratio	Lower	Upper
85	100		
87	31.8	26.7	40.1



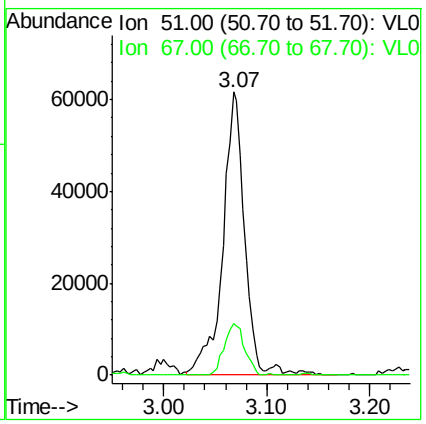


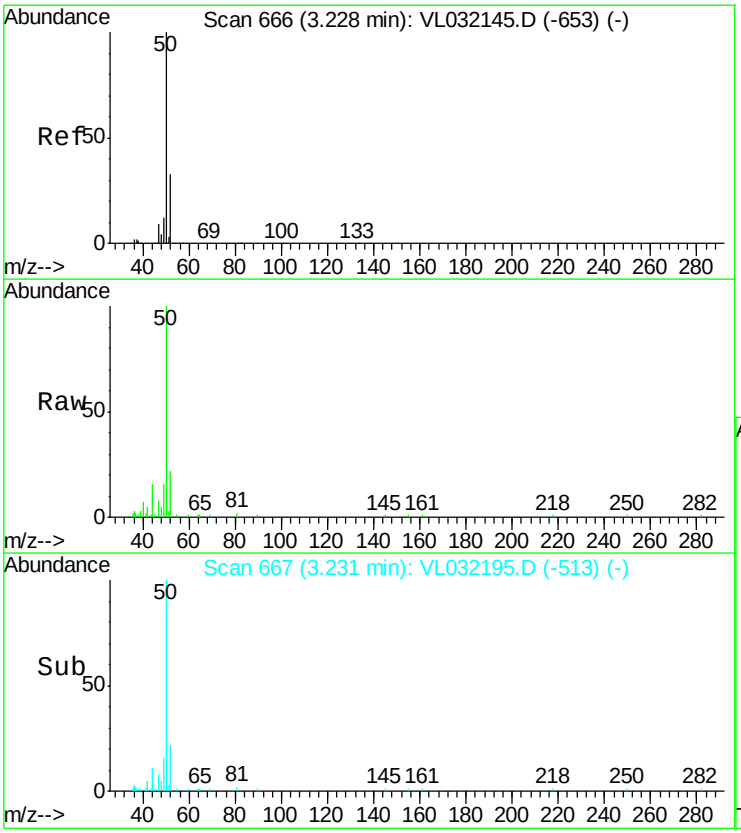
#3
Chlorodifluoromethane
Concen: 0.545 ppbv
RT: 3.07 min Scan# 616
Delta R.T. -0.01 min
Lab File: VL032195.D
Acq: 2 Jul 2018 23:47

Instrument :
MSVOA_L
ClientSampleId :
SS-1

Tgt Ion: 51 Resp: 91343

Ion	Ratio	Lower	Upper
51	100		
67	16.9	13.2	19.8

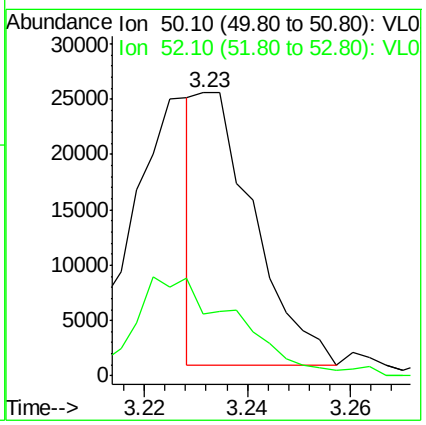


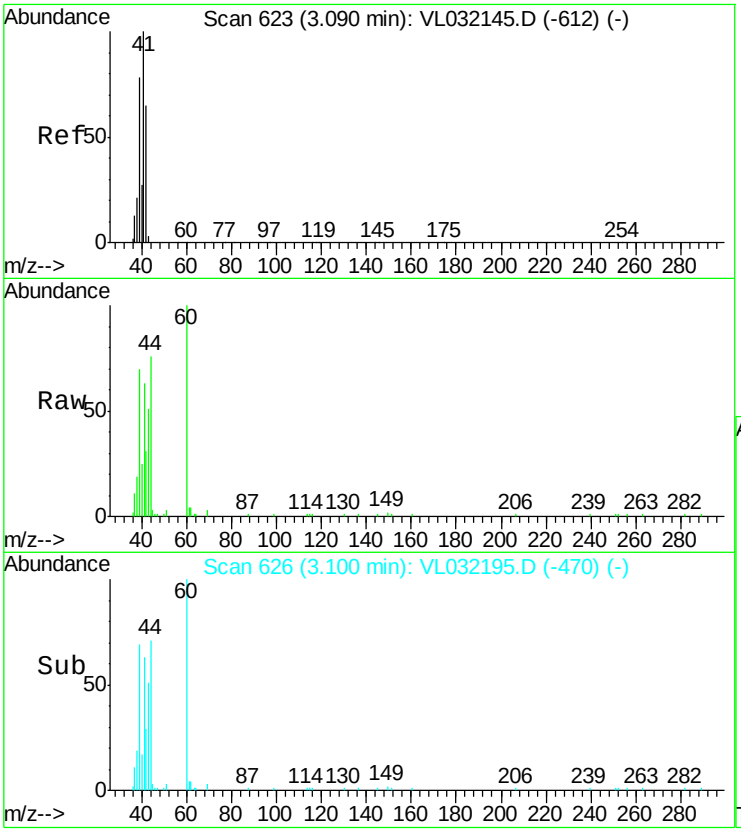


#4
Chloromethane
Concen: 0.213 ppbv
RT: 3.23 min Scan# 667
Delta R.T. -0.01 min
Lab File: VL032195.D
Acq: 2 Jul 2018 23:47

Tgt Ion: 50 Resp: 19015

Ion	Ratio	Lower	Upper
50	100		
52	20.4	26.0	39.0#



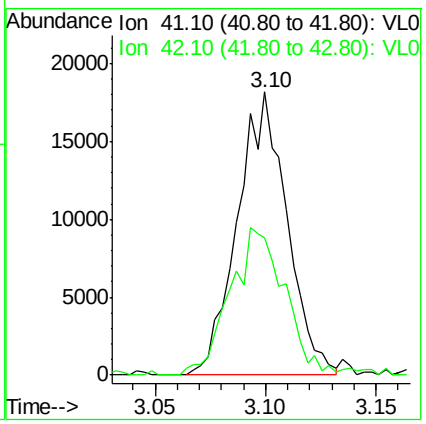


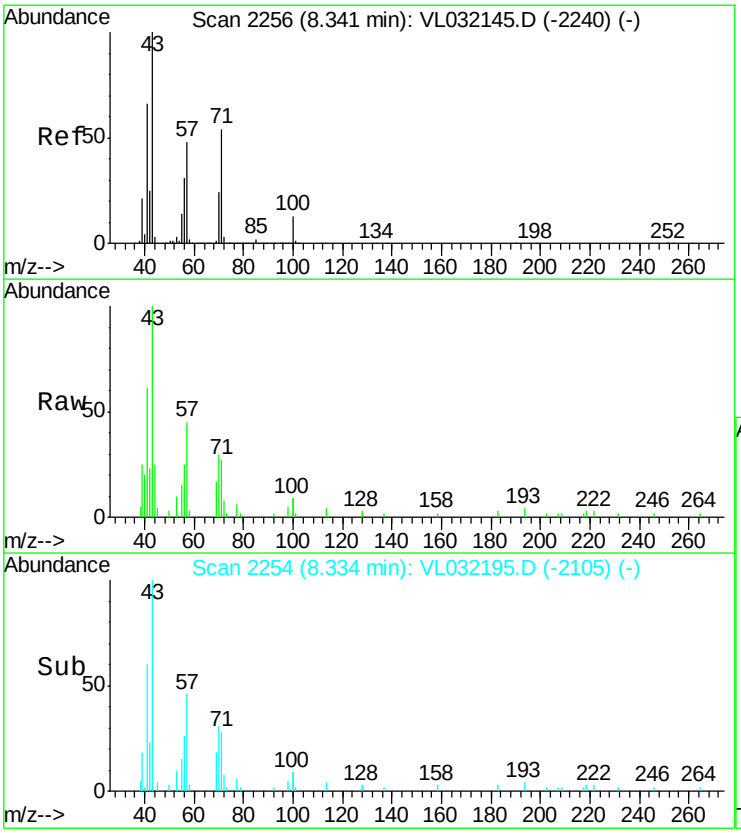
#9
Propene
Concen: 0.362 ppbv
RT: 3.10 min Scan# 626
Delta R.T. 0.00 min
Lab File: VL032195.D
Acq: 2 Jul 2018 23:47

Instrument :
MSVOA_L
ClientSampleId :
SS-1

Tgt Ion: 41 Resp: 28259

Ion	Ratio	Lower	Upper
41	100		
42	58.4	56.2	84.4

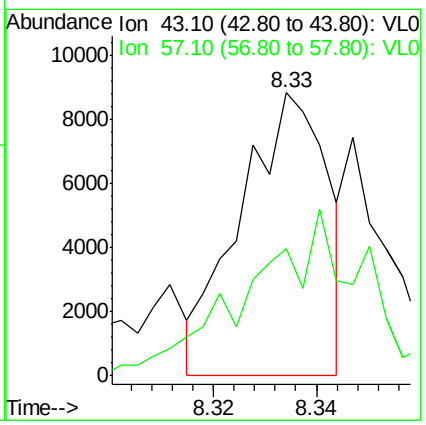


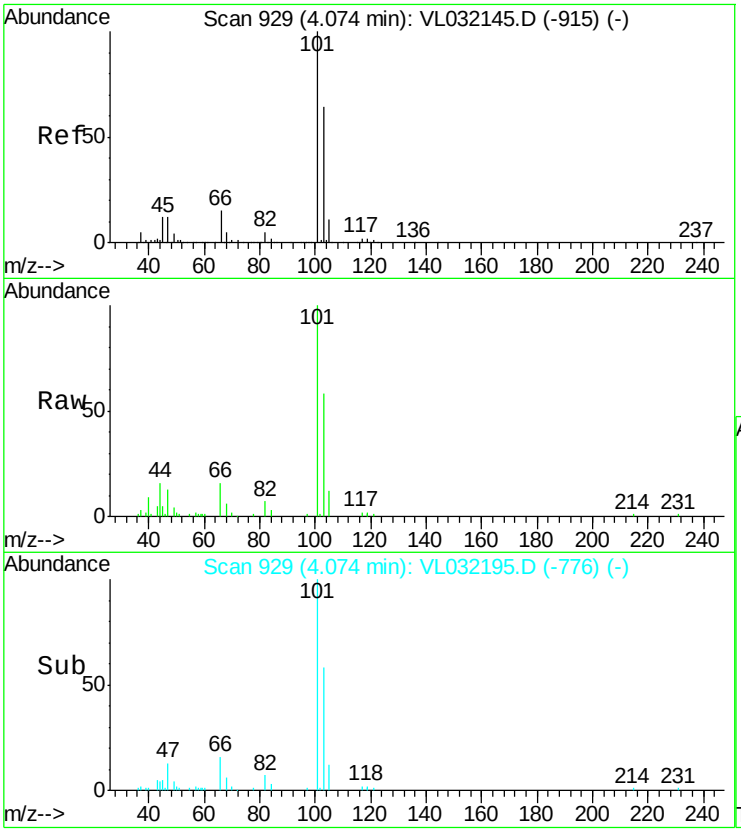


#10
Heptane
Concen: 0.046 ppbv
RT: 8.33 min Scan# 2254
Delta R.T. -0.02 min
Lab File: VL032195.D
Acq: 2 Jul 2018 23:47

Tgt Ion: 43 Resp: 10363

Ion	Ratio	Lower	Upper
43	100		
57	0.0	39.8	59.8#



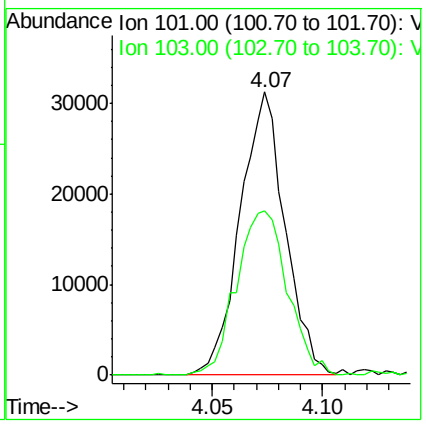


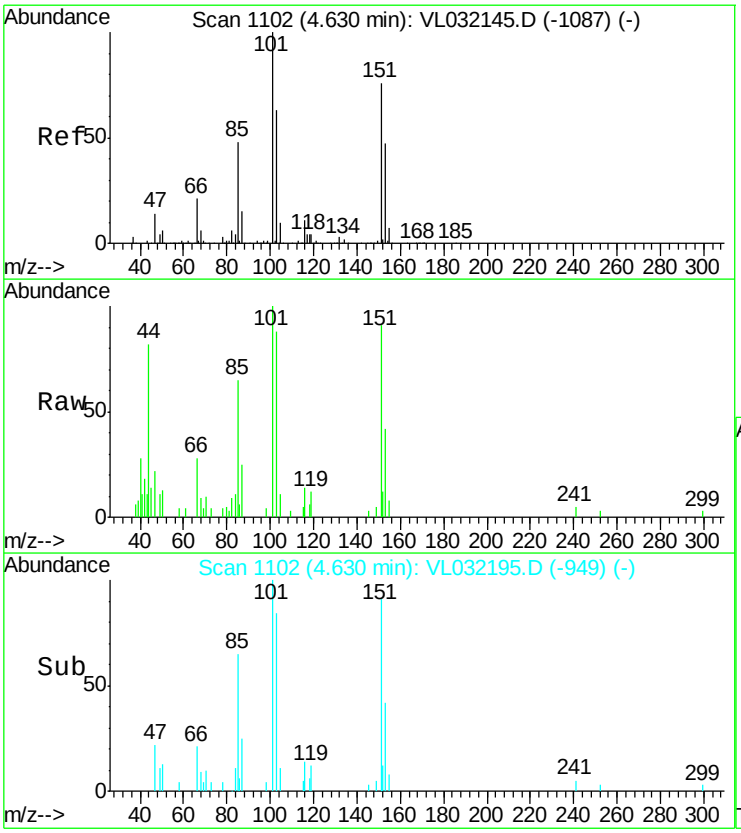
#11
Trichlorofluoromethane
Concen: 0.226 ppbv
RT: 4.07 min Scan# 929
Delta R.T. -0.01 min
Lab File: VL032195.D
Acq: 2 Jul 2018 23:47

Instrument :
MSVOA_L
ClientSampleId :
SS-1

Tgt Ion:101 Resp: 44110

Ion	Ratio	Lower	Upper
101	100		
103	58.3	51.4	77.0

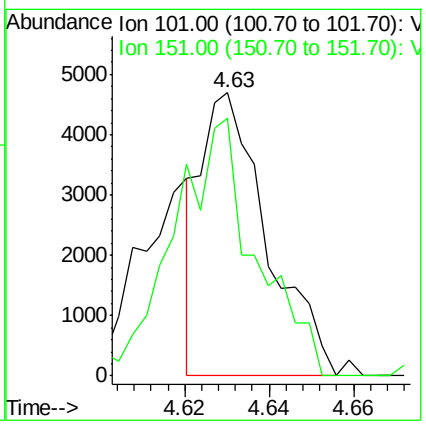


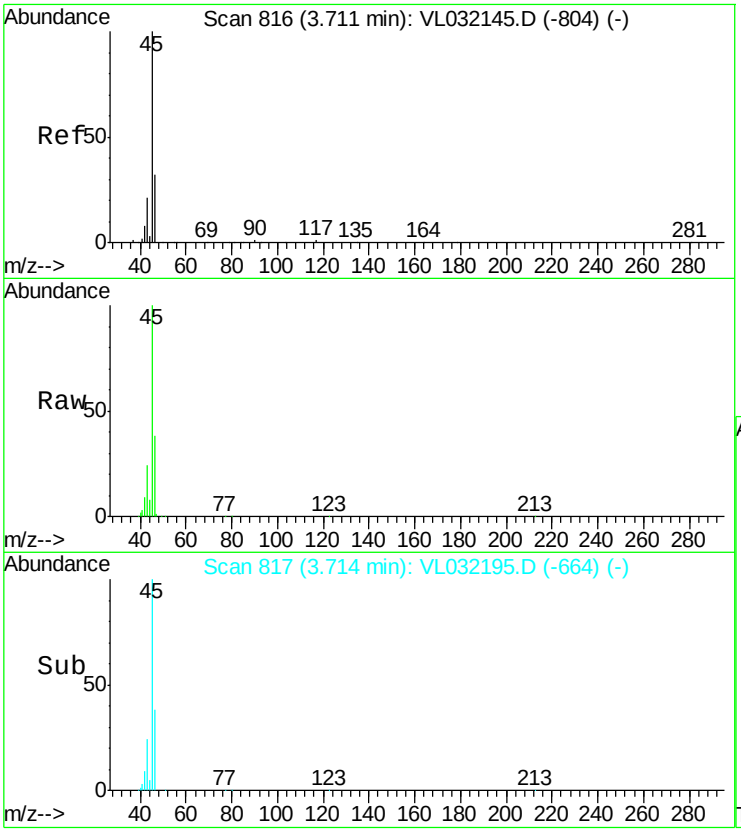


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.039 ppbv
RT: 4.63 min Scan# 1102
Delta R.T. -0.01 min
Lab File: VL032195.D
Acq: 2 Jul 2018 23:47

Tgt Ion:101 Resp: 5076

Ion	Ratio	Lower	Upper
101	100		
151	114.1	58.8	88.2#



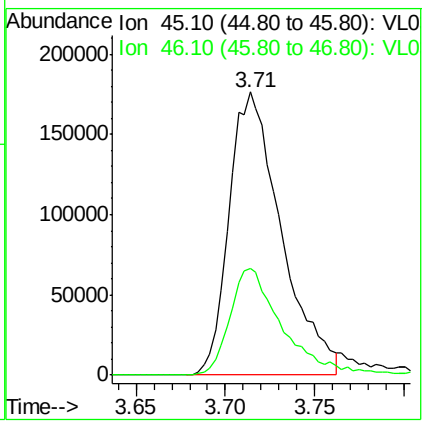


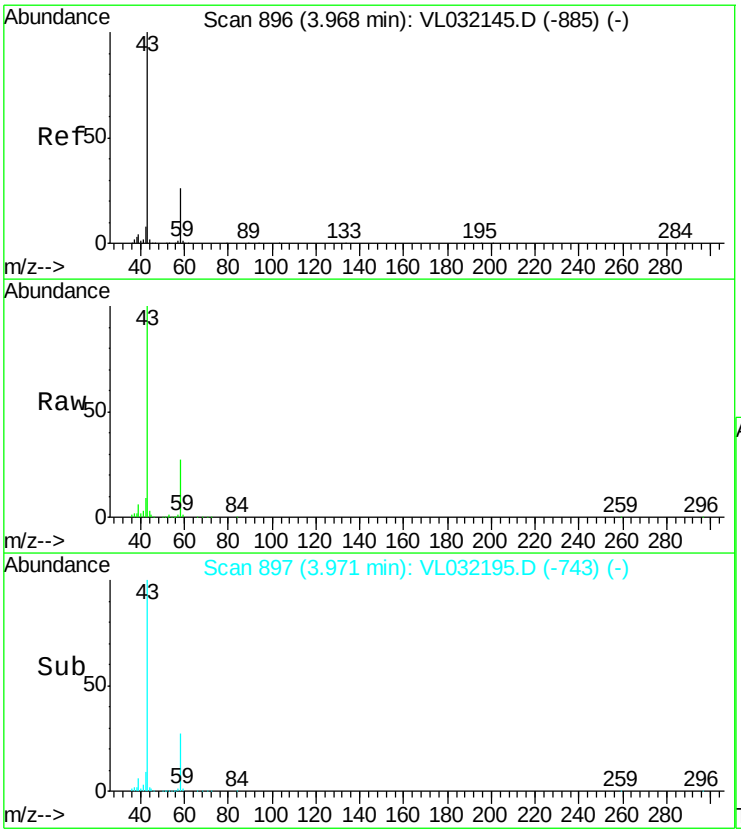
#13
Ethanol
Concen: 15.174 ppbv
RT: 3.71 min Scan# 817
Delta R.T. -0.01 min
Lab File: VL032195.D
Acq: 2 Jul 2018 23:47

Instrument :
MSVOA_L
ClientSampleId :
SS-1

Tgt Ion: 45 Resp: 359025

Ion	Ratio	Lower	Upper
45	100		
46	39.2	14.6	58.4

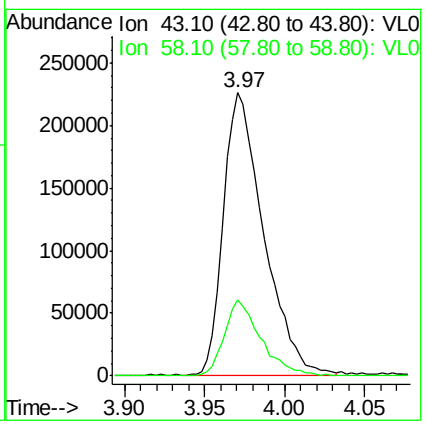


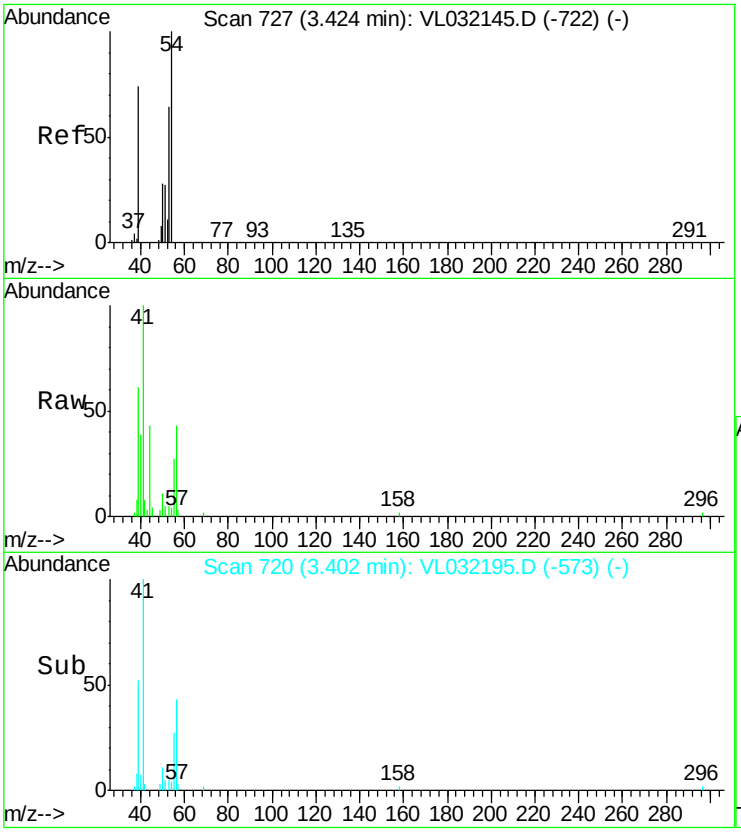


#15
Acetone
Concen: 2.421 ppbv
RT: 3.97 min Scan# 897
Delta R.T. -0.01 min
Lab File: VL032195.D
Acq: 2 Jul 2018 23:47

Tgt Ion: 43 Resp: 387955

Ion	Ratio	Lower	Upper
43	100		
58	24.5	21.4	32.0



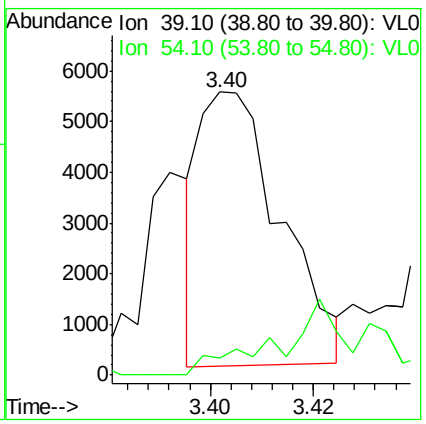


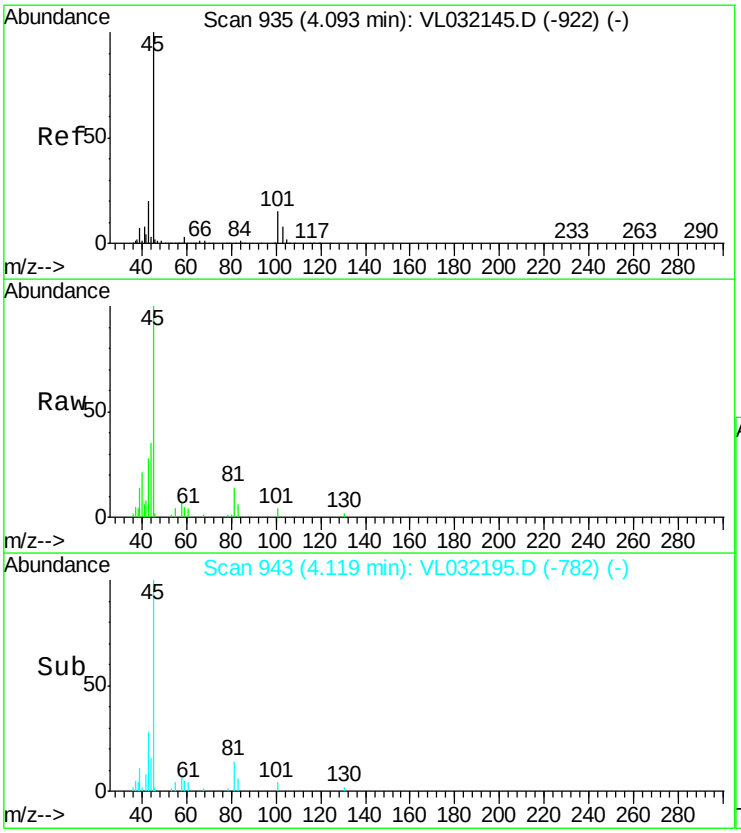
#16
1,3-Butadiene
Concen: 0.077 ppbv
RT: 3.40 min Scan# 720
Delta R.T. -0.03 min
Lab File: VL032195.D
Acq: 2 Jul 2018 23:47

Instrument :
MSVOA_L
ClientSampleId :
SS-1

Tgt Ion: 39 Resp: 5898

Ion	Ratio	Lower	Upper
39	100		
54	33.0	75.8	113.6#

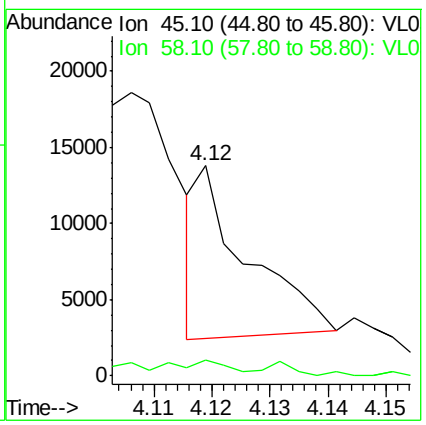


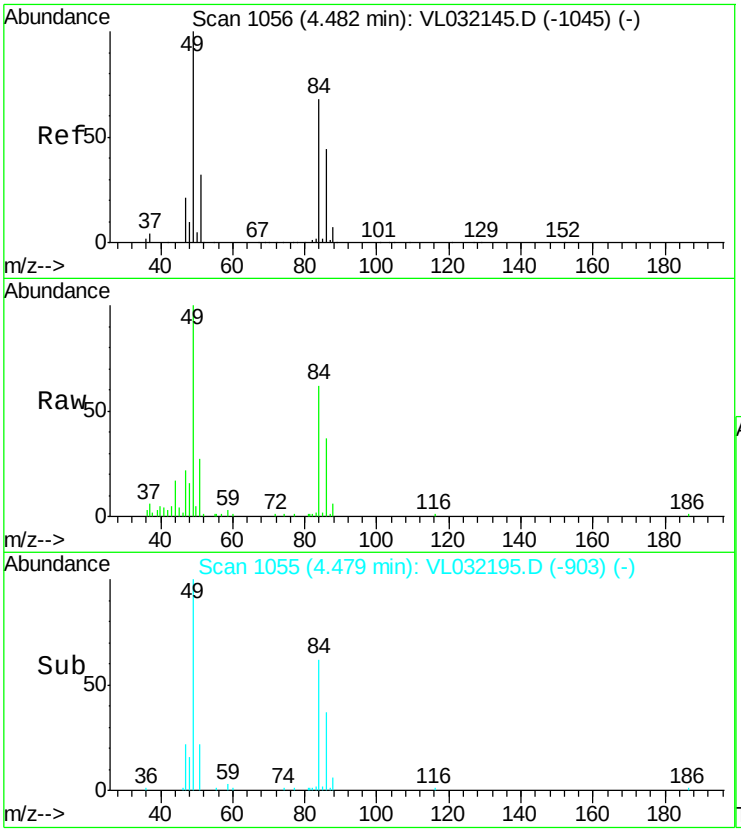


#19
Isopropyl Alcohol
Concen: 0.051 ppbv
RT: 4.12 min Scan# 943
Delta R.T. 0.02 min
Lab File: VL032195.D
Acq: 2 Jul 2018 23:47

Tgt Ion: 45 Resp: 6766

Ion	Ratio	Lower	Upper
45	100		
58	0.0	29.4	44.0#



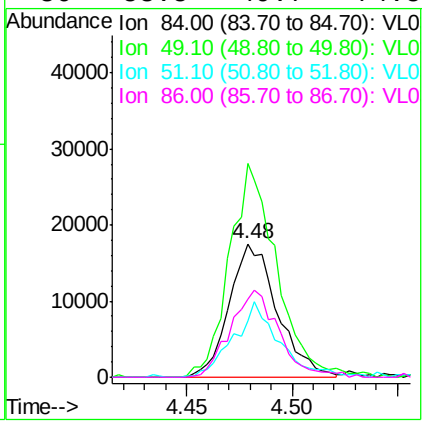


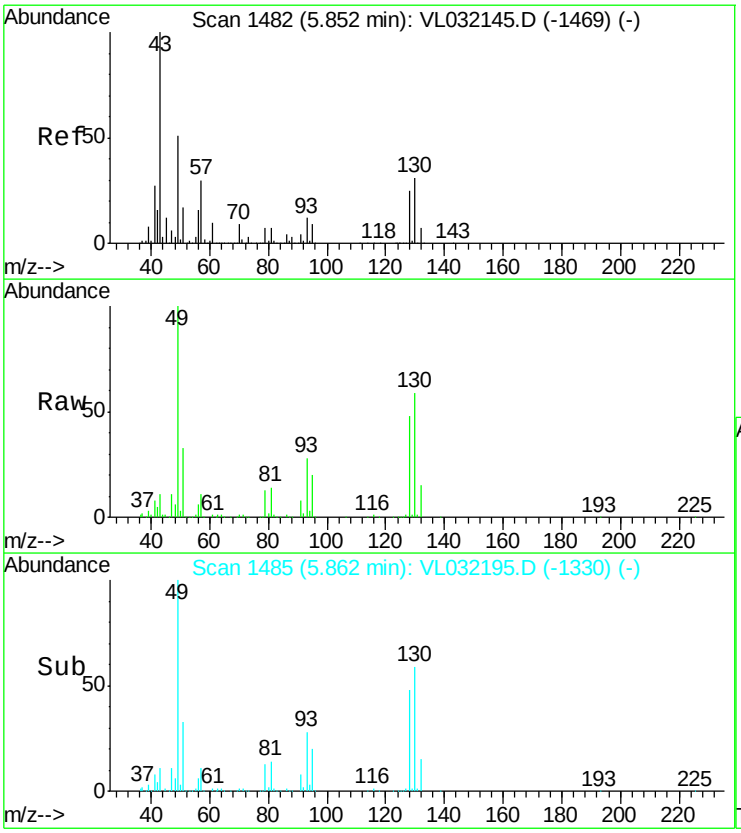
#20
Methylene Chloride
Concen: 0.474 ppbv
RT: 4.48 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VL032195.D
Acq: 2 Jul 2018 23:47

Instrument : MSVOA_L
ClientSampleId : SS-1

Tgt Ion: 84 Resp: 27774

Ion	Ratio	Lower	Upper
84	100		
49	158.9	119.6	179.4
51	41.3	36.3	54.5
86	58.5	49.7	74.5

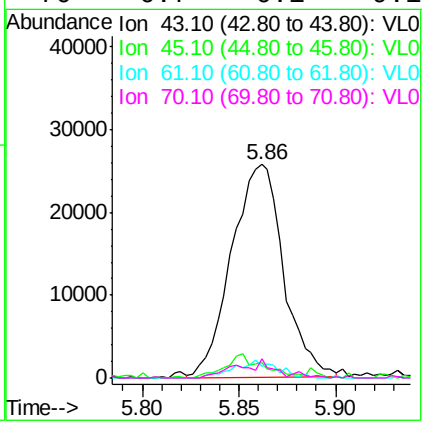


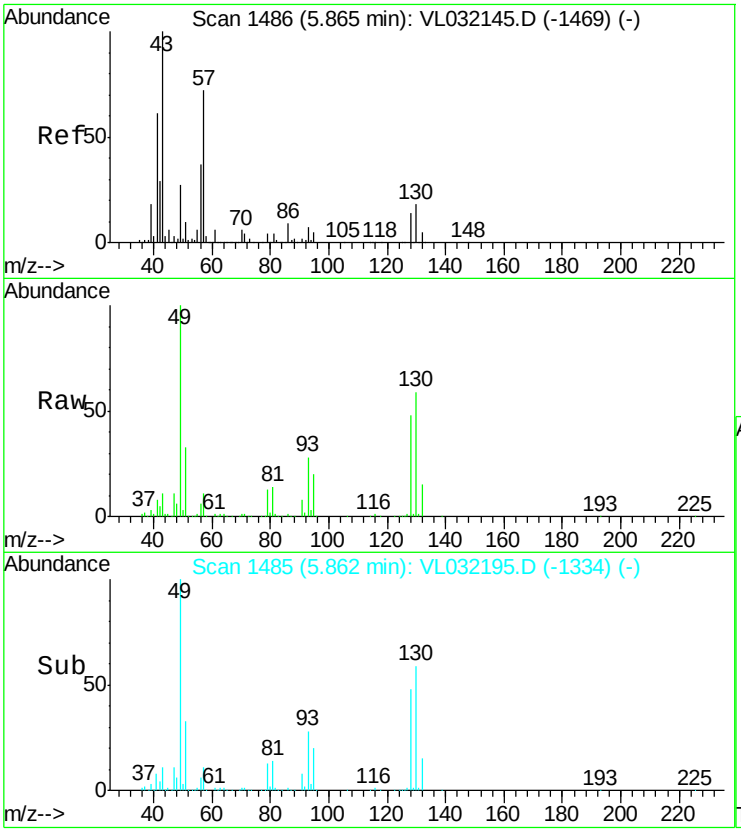


#25
Ethyl Acetate
Concen: 0.145 ppbv
RT: 5.86 min Scan# 1485
Delta R.T. -0.00 min
Lab File: VL032195.D
Acq: 2 Jul 2018 23:47

Tgt Ion: 43 Resp: 47973

Ion	Ratio	Lower	Upper
43	100		
45	9.6	7.8	11.8
61	7.1	7.4	11.0#
70	6.7	6.1	9.1



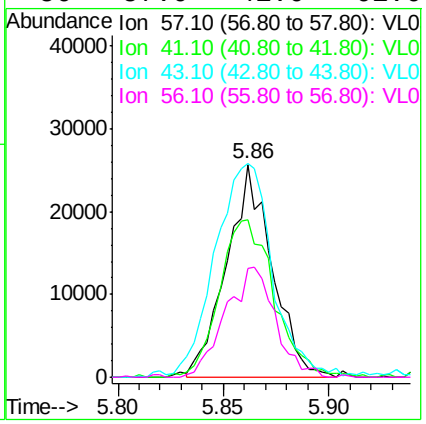


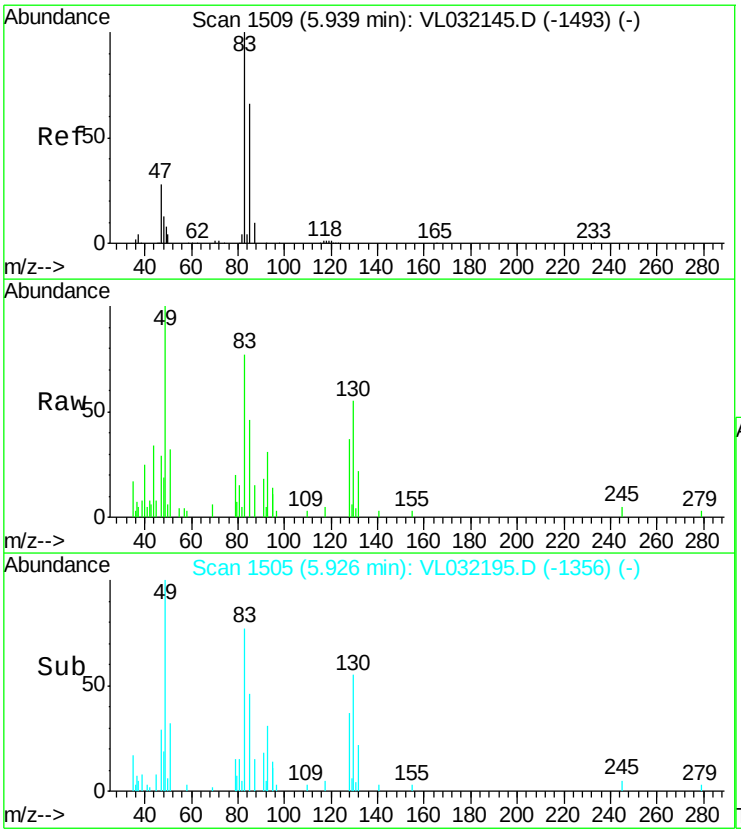
#26
Hexane
Concen: 0.251 ppbv
RT: 5.86 min Scan# 1485
Delta R.T. -0.02 min
Lab File: VL032195.D
Acq: 2 Jul 2018 23:47

Instrument :
MSVOA_L
ClientSampleId :
SS-1

Tgt Ion: 57 Resp: 38347

Ion	Ratio	Lower	Upper
57	100		
41	89.6	68.6	103.0
43	128.4	168.6	252.8#
56	57.0	41.0	61.6

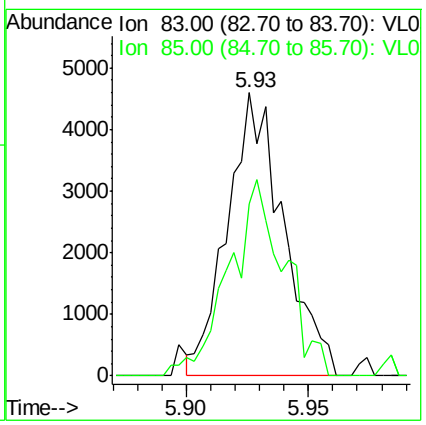


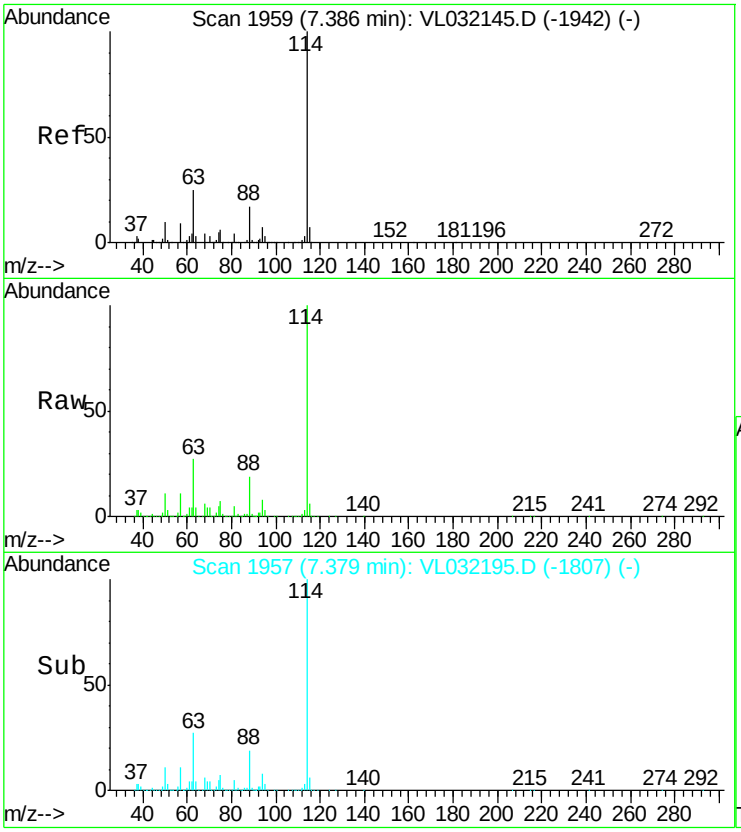


#29
Chloroform
Concen: 0.033 ppbv
RT: 5.93 min Scan# 1505
Delta R.T. -0.02 min
Lab File: VL032195.D
Acq: 2 Jul 2018 23:47

Tgt Ion: 83 Resp: 7303

Ion	Ratio	Lower	Upper
83	100		
85	60.7	51.6	77.4



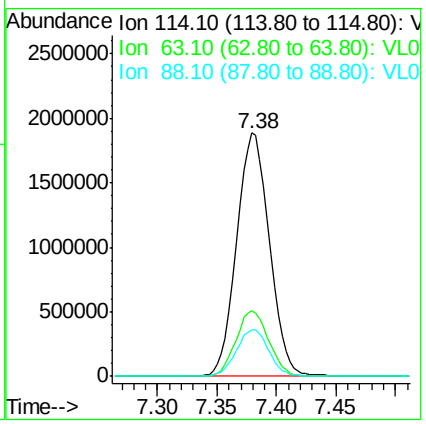


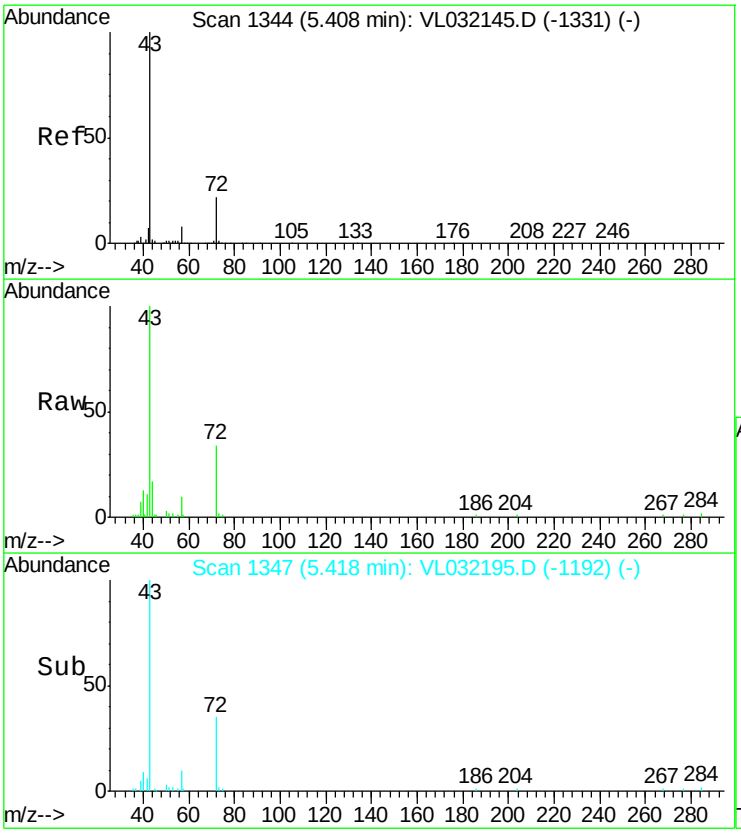
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.38 min Scan# 1957
Delta R.T. -0.02 min
Lab File: VL032195.D
Acq: 2 Jul 2018 23:47

Instrument :
MSVOA_L
ClientSampleId :
SS-1

Tgt Ion:114 Resp: 3604974

Ion	Ratio	Lower	Upper
114	100		
63	27.1	19.1	28.7
88	19.0	13.9	20.9

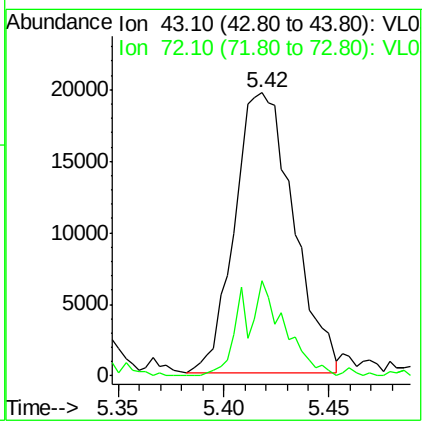


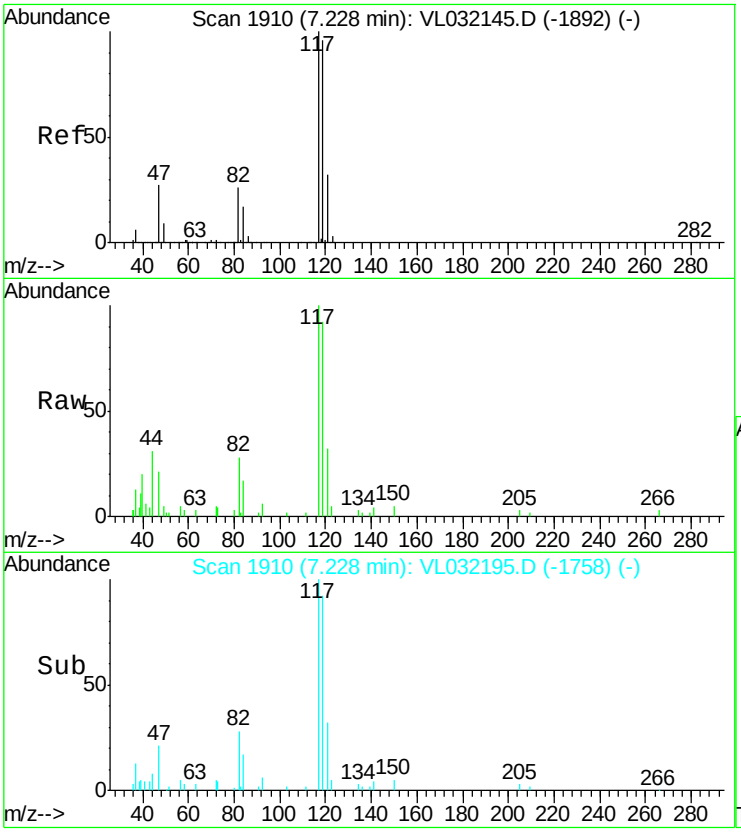


#34
2-Butanone
Concen: 0.166 ppbv
RT: 5.42 min Scan# 1347
Delta R.T. -0.00 min
Lab File: VL032195.D
Acq: 2 Jul 2018 23:47

Tgt Ion: 43 Resp: 38034

Ion	Ratio	Lower	Upper
43	100		
72	25.0	18.4	27.6



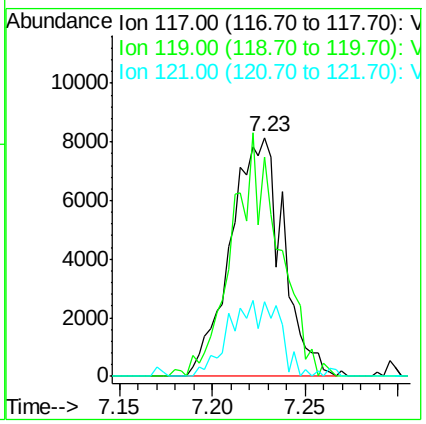


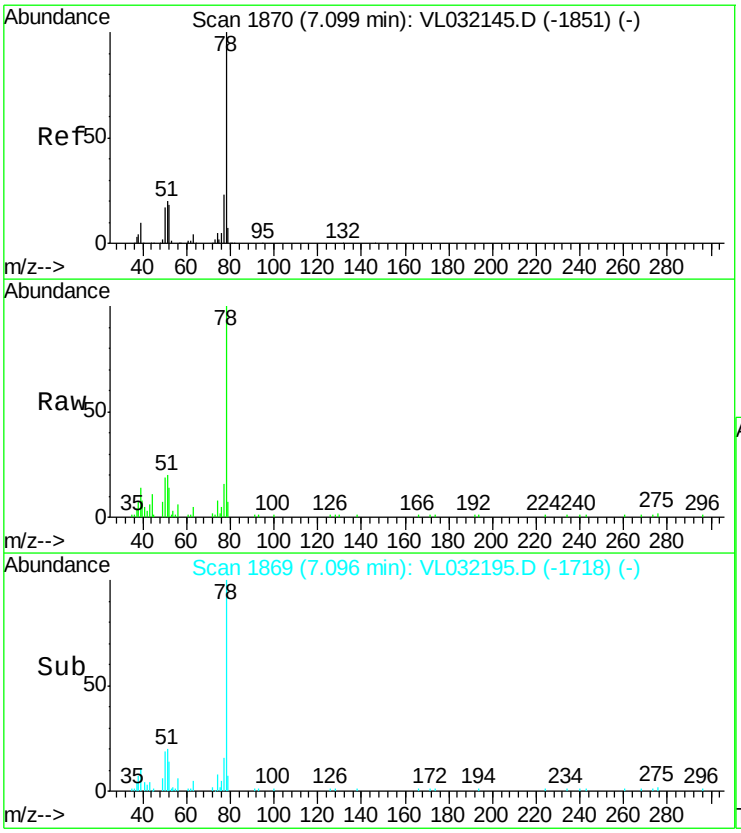
#35
Carbon Tetrachloride
Concen: 0.065 ppbv
RT: 7.23 min Scan# 1910
Delta R.T. -0.01 min
Lab File: VL032195.D
Acq: 2 Jul 2018 23:47

Instrument :
MSVOA_L
ClientSampleId :
SS-1

Tgt Ion:117 Resp: 16010

Ion	Ratio	Lower	Upper
117	100		
119	92.1	74.8	112.2
121	31.5	24.0	36.0

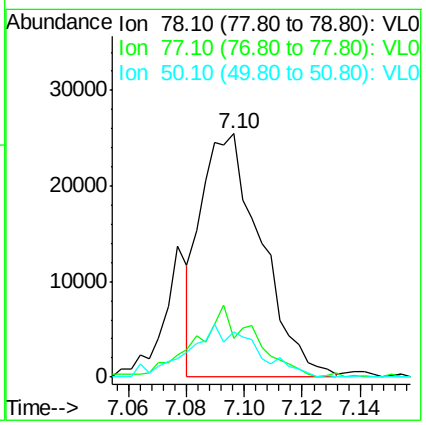


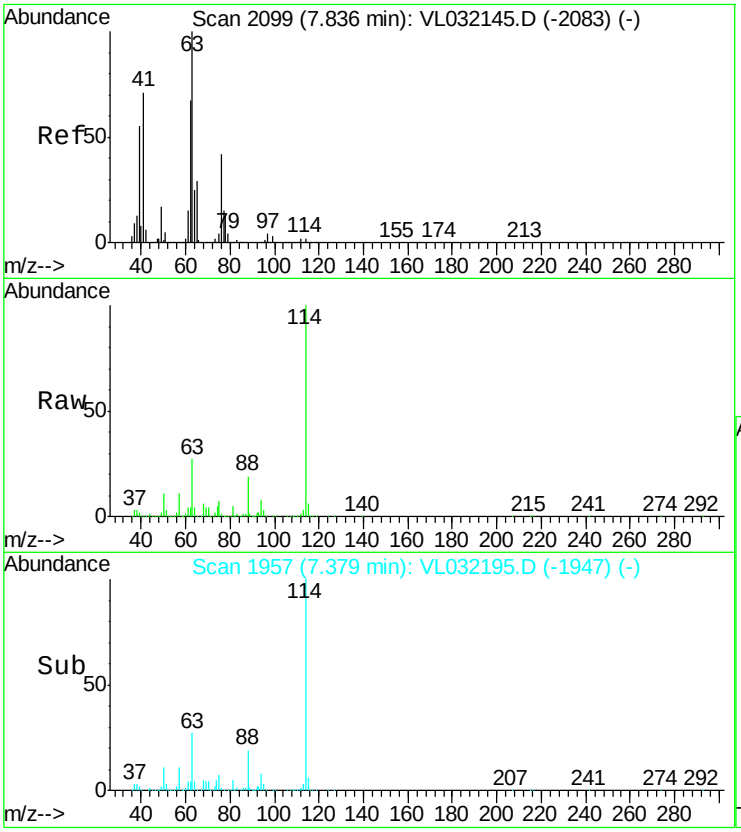


#36
Benzene
Concen: 0.105 ppbv
RT: 7.10 min Scan# 1869
Delta R.T. -0.02 min
Lab File: VL032195.D
Acq: 2 Jul 2018 23:47

Tgt Ion: 78 Resp: 36572

Ion	Ratio	Lower	Upper
78	100		
77	14.6	17.7	26.5#
50	18.7	14.0	21.0



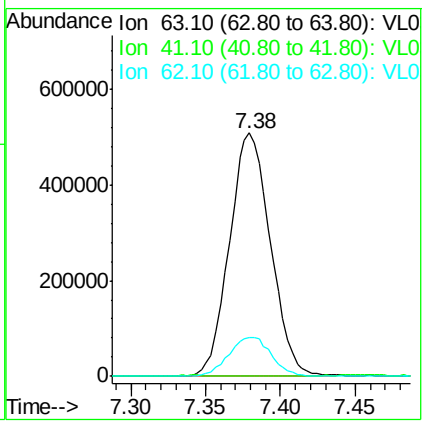


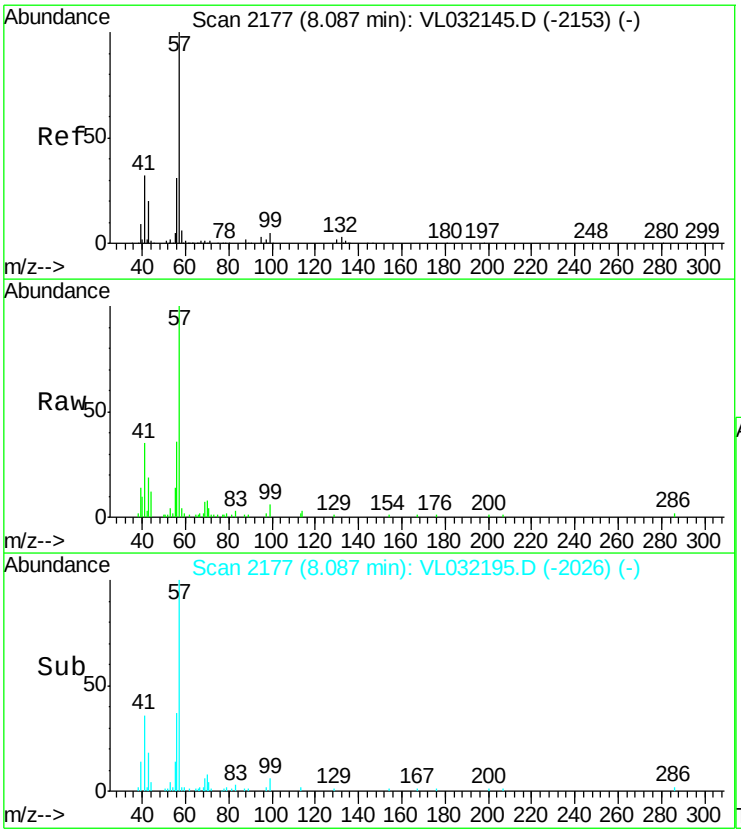
#39
1,2-Dichloropropane
Concen: 7.014 ppbv
RT: 7.38 min Scan# 1957
Delta R.T. -0.47 min
Lab File: VL032195.D
Acq: 2 Jul 2018 23:47

Instrument :
MSVOA_L
ClientSampleId :
SS-1

Tgt Ion: 63 Resp: 965204

Ion	Ratio	Lower	Upper
63	100		
41	0.0	53.3	79.9#
62	15.9	54.8	82.2#

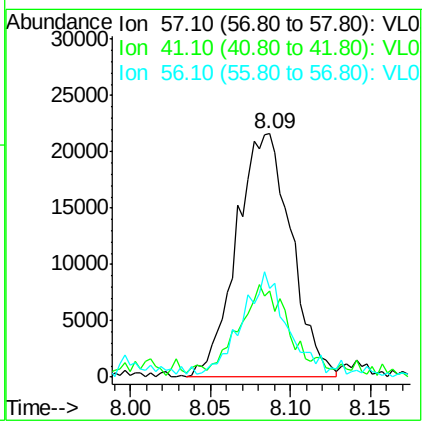


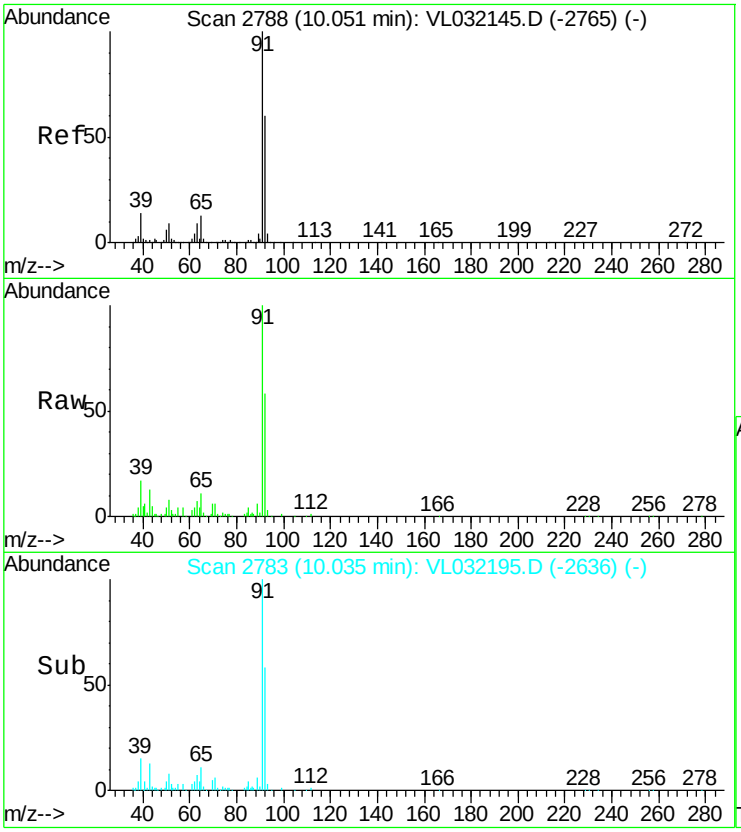


#44
2,2,4-Trimethylpentane
Concen: 0.083 ppbv
RT: 8.09 min Scan# 2177
Delta R.T. -0.02 min
Lab File: VL032195.D
Acq: 2 Jul 2018 23:47

Tgt Ion: 57 Resp: 50778

Ion	Ratio	Lower	Upper
57	100		
41	36.2	24.3	36.5
56	39.9	25.1	37.7#



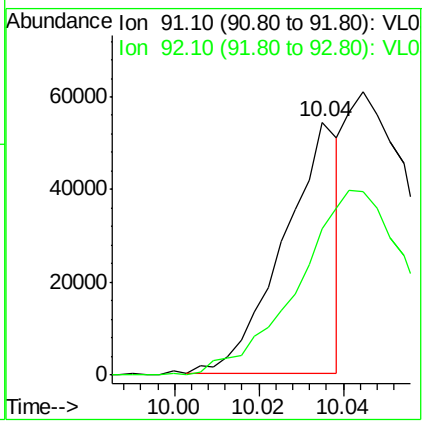


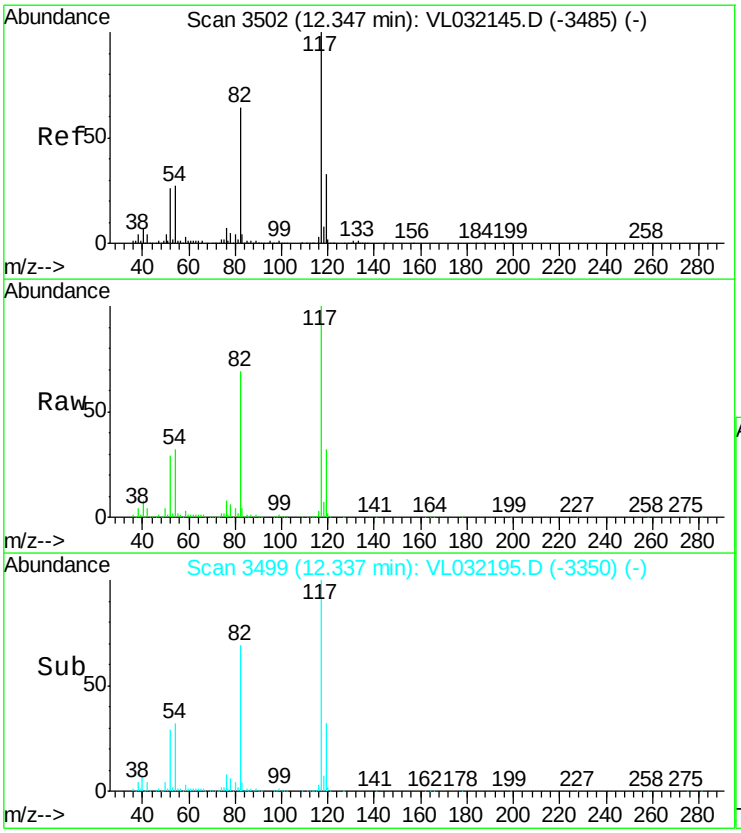
#53
Toluene
Concen: 0.118 ppbv
RT: 10.04 min Scan# 2783
Delta R.T. -0.03 min
Lab File: VL032195.D
Acq: 2 Jul 2018 23:47

Instrument :
MSVOA_L
ClientSampleId :
SS-1

Tgt Ion: 91 Resp: 49603

Ion	Ratio	Lower	Upper
91	100		
92	0.0	49.2	73.8#

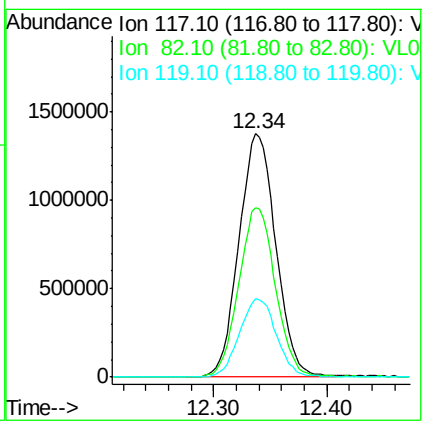


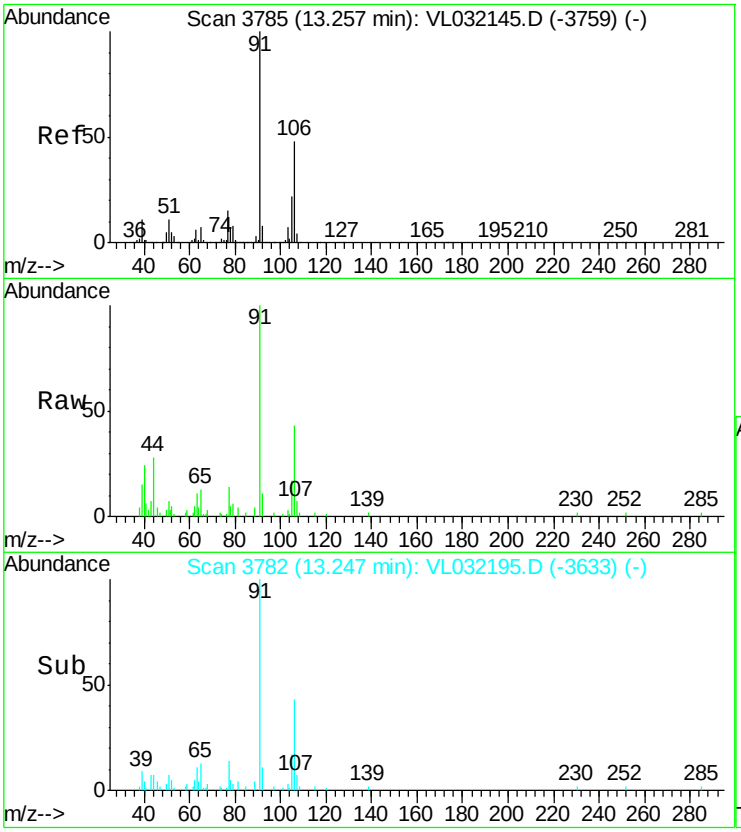


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.34 min Scan# 3499
Delta R.T. -0.02 min
Lab File: VL032195.D
Acq: 2 Jul 2018 23:47

Tgt Ion:117 Resp: 3124845

Ion	Ratio	Lower	Upper
117	100		
82	69.6	47.8	71.8
119	32.4	43.3	64.9#



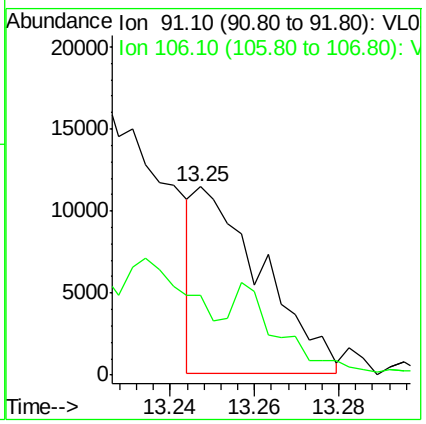


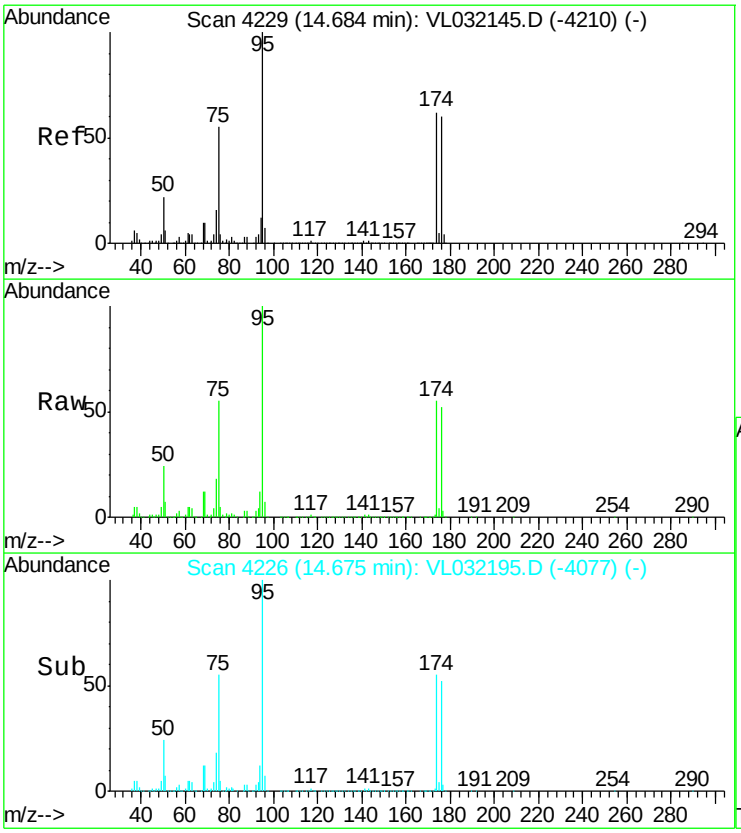
#59
m/p-Xylene
Concen: 0.031 ppbv
RT: 13.25 min Scan# 3782
Delta R.T. -0.02 min
Lab File: VL032195.D
Acq: 2 Jul 2018 23:47

Instrument :
MSVOA_L
ClientSampleId :
SS-1

Tgt Ion: 91 Resp: 12528

Ion	Ratio	Lower	Upper
91	100		
106	0.0	38.6	58.0#

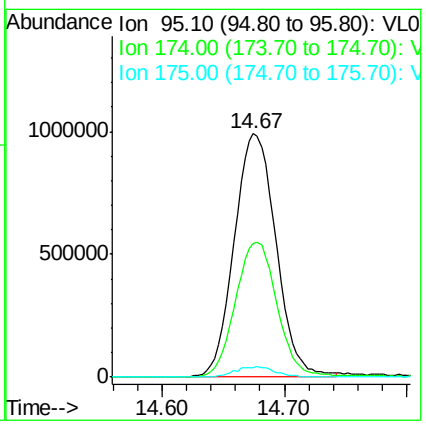


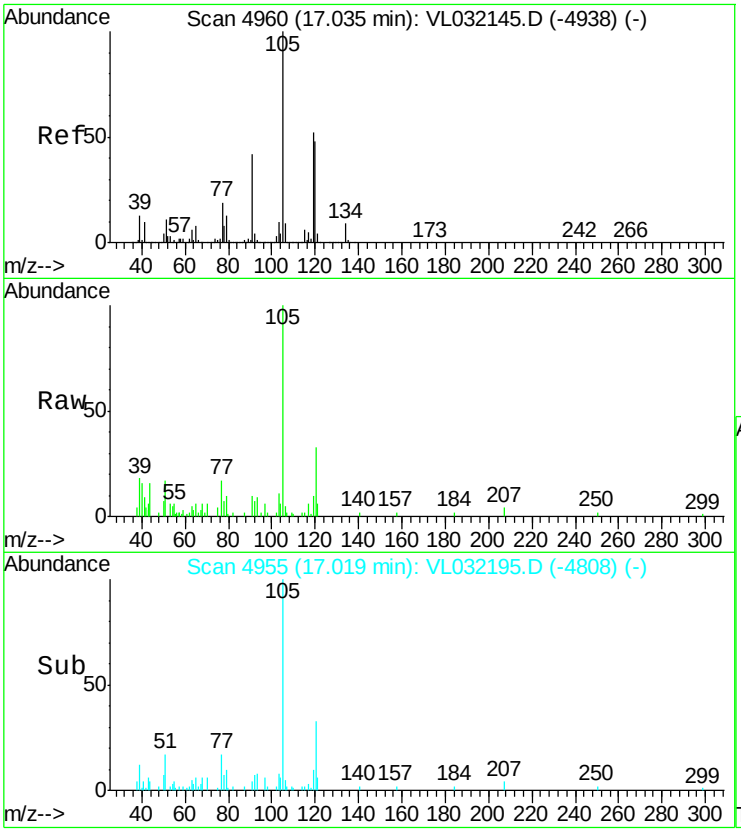


#68
1-Bromo-4-Fluorobenzene
Concen: 9.823 ppbv
RT: 14.67 min Scan# 4226
Delta R.T. -0.02 min
Lab File: VL032195.D
Acq: 2 Jul 2018 23:47

Tgt Ion: 95 Resp: 2346242

Ion	Ratio	Lower	Upper
95	100		
174	55.5	52.1	78.1
175	4.2	4.0	6.0





#74
1,2,4-Trimethylbenzene
Concen: 0.030 ppbv
RT: 17.02 min Scan# 4955
Delta R.T. -0.03 min
Lab File: VL032195.D
Acq: 2 Jul 2018 23:47

Instrument :
MSVOA_L
ClientSampleId :
SS-1

Tgt Ion:105 Resp: 14983

Ion	Ratio	Lower	Upper
105	100		
120	29.8	38.8	58.2#
91	4.7	33.6	50.4#
77	17.4	16.0	24.0