Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL011216\
Data File : VL026682.D
Acq On : 12 Jan 2016 19:56
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Jan 13 03:03:40 2016
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL010816AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 11 17:14:02 2016
QLast Update : Mon Jan 11 17:14:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.69	49	854836	10.00	ppbv	0.05
33) 1,4-Difluorobenzene	8.37	114	2566272	10.00	ppbv	0.06
55) Chlorobenzene-d5	13.79	117	4072725	10.00	ppbv	0.07
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	16.33	95	2659622	8.19	ppbv	0.07
Spiked Amount 10.000	Range 65 - 135		Recovery = 81.90%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.67	85	2384506	10.49	ppbv	97
3) Chlorodifluoromethane	3.60	51	1126766	9.90	ppbv	100
4) Chloromethane	3.78	50	563628	10.13	ppbv	99
5) Vinyl Chloride	3.92	62	647287	9.60	ppbv	99
6) Bromomethane	4.17	94	495220	10.31	ppbv	100
7) Chloroethane	4.27	64	292492	10.73	ppbv	96
8) Dichlorotetrafluoroethane	3.83	85	1813715	10.15	ppbv	98
9) Propene	3.62	41	423123	10.34	ppbv	99
10) Heptane	9.40	43	1599452	10.49	ppbv	97
11) Trichlorofluoromethane	4.73	101	2381527	10.11	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	5.34	101	1480687	10.23	ppbv	100
13) Ethanol	4.36	45	71597	9.21	ppbv	98
14) Bromoethene	4.48	108	555006	10.64	ppbv	99
15) Acetone	4.63	43	1312272	9.33	ppbv	100
16) 1,3-Butadiene	4.00	39	590762	10.52	ppbv	97
17) tert-Butyl alcohol	5.16	59	1016499	9.59	ppbv	94
18) 1,1-Dichloroethene	5.12	96	635783	10.53	ppbv	95
19) Isopropyl Alcohol	4.78	45	621541	10.72	ppbv	100
20) Methylene Chloride	5.18	84	581477	10.08	ppbv	96
21) Allyl Chloride	5.26	41	909007	10.54	ppbv	97
22) trans-1,2-Dichloroethene	5.80	96	716535	10.39	ppbv	98
23) Vinyl Acetate	6.02	43	2343167	10.85	ppbv	99
24) 1,1-Dichloroethane	5.95	63	1570531	10.09	ppbv	99
25) Ethyl Acetate	6.71	43	2349351	10.82	ppbv	100
26) Hexane	6.70	57	1170229	10.43	ppbv	100
27) Carbon Disulfide	5.42	76	1814984	10.88	ppbv	100
28) Methyl tert-Butyl Ether	5.99	73	2366918	10.61	ppbv	100
29) Chloroform	6.79	83	2077687	10.20	ppbv	100
30) Cyclohexane	8.32	84	1183350	10.68	ppbv	99
31) cis-1,2-Dichloroethene	6.56	61	1214093	10.73	ppbv	98
32) 1,1,1-Trichloroethane	7.63	97	2245914	9.76	ppbv	99
34) 2-Butanone	6.24	43	1396837	10.21	ppbv	100
35) Carbon Tetrachloride	8.20	117	2212177	9.80	ppbv	100
36) Benzene	8.07	78	2669555	10.11	ppbv	99
37) 1,2-Dichloroethane	7.42	62	1852216	10.26	ppbv	100
38) Trichloroethene	9.10	130	1032129	8.76	ppbv	98
39) 1,2-Dichloropropane	8.87	63	923998	10.12	ppbv	97
40) 1,4-Dioxane	9.16	88	258955	12.34	ppbv	67
41) Tetrahydrofuran	7.16	42	757883	11.19	ppbv	97
42) Bromodichloromethane	9.07	83	2396464	10.27	ppbv	99
43) Methyl Methacrylate	9.31	69	1059303	10.98	ppbv	98

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL011216\
Data File : VL026682.D
Acq On : 12 Jan 2016 19:56
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Jan 13 03:03:40 2016
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL010816AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 11 17:14:02 2016
QLast Update : Mon Jan 11 17:14:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	9.13	57	4292467	10.07	ppbv	99
45) t-1,3-Dichloropropene	10.70	75	1793193	11.48	ppbv	98
46) cis-1,3-Dichloropropene	10.06	75	1992202	11.22	ppbv	98
47) 1,1,2-Trichloroethane	10.93	97	1278559	9.82	ppbv	96
48) Dibromochloromethane	11.85	129	2047831	10.49	ppbv	100
49) Bromoform	14.87	173	1680939	10.55	ppbv	99
50) 4-Methyl-2-Pentanone	10.13	43	2107560	10.96	ppbv	99
51) 2-Hexanone	11.66	43	2039474	11.51	ppbv	98
52) Tetrachloroethene	12.84	164	1171939	8.88	ppbv	98
53) Toluene	11.28	91	3832478	10.30	ppbv	100
54) 1,2-Dibromoethane	12.19	107	2024606	9.83	ppbv	99
56) 1,1,1,2-Tetrachloroethane	13.83	131	1533003	8.18	ppbv	98
57) Chlorobenzene	13.86	112	3160312	7.54	ppbv	99
58) Ethyl Benzene	14.46	91	6052254	8.32	ppbv	99
59) m/p-Xylene	14.76	91	9329271	15.56	ppbv	100
60) o-Xylene	15.54	91	4804259	7.42	ppbv	100
61) Styrene	15.36	104	2265582	8.95	ppbv	100
62) Isopropylbenzene	16.59	105	6702054	7.81	ppbv	100
63) 1,1,2,2-Tetrachloroethane	15.54	83	3034477	6.28	ppbv	99
64) n-propylbenzene	17.57	120	1753340	7.62	ppbv	99
65) tert-Butylbenzene	18.86	119	5542444	7.05	ppbv	100
66) Benzyl Chloride	19.15	91	2390393	8.51	ppbv	100
67) sec-Butylbenzene	19.46	105	8508226	7.30	ppbv	100
69) p-Isopropyltoluene	19.83	119	6690544	7.50	ppbv	100
70) n-Butylbenzene	20.80	91	6967155	7.51	ppbv	100
71) 2-Chlorotoluene	17.47	91	5314368	7.95	ppbv	99
72) 4-Ethyltoluene	17.86	105	5730241	7.91	ppbv	100
73) 1,3,5-Trimethylbenzene	18.04	105	5290718	7.71	ppbv	100
74) 1,2,4-Trimethylbenzene	18.88	105	5091304	6.99	ppbv	97
75) 1,3-Dichlorobenzene	19.17	146	3142428	6.98	ppbv	100
76) 1,4-Dichlorobenzene	19.32	146	3282325	7.10	ppbv	99
77) 1,2-Dichlorobenzene	20.07	146	3258560	7.13	ppbv	99
78) Hexachloro-1,3-Butadiene	24.71	225	1293936	6.94	ppbv	99
79) Naphthalene	23.97	128	3708333	7.54	ppbv	99
80) Naphthalene,2-methyl-	26.08	142	668191	8.75	ppbv	99
81) 1,2,4-Trichlorobenzene	23.77	180	1653672	7.38	ppbv	98

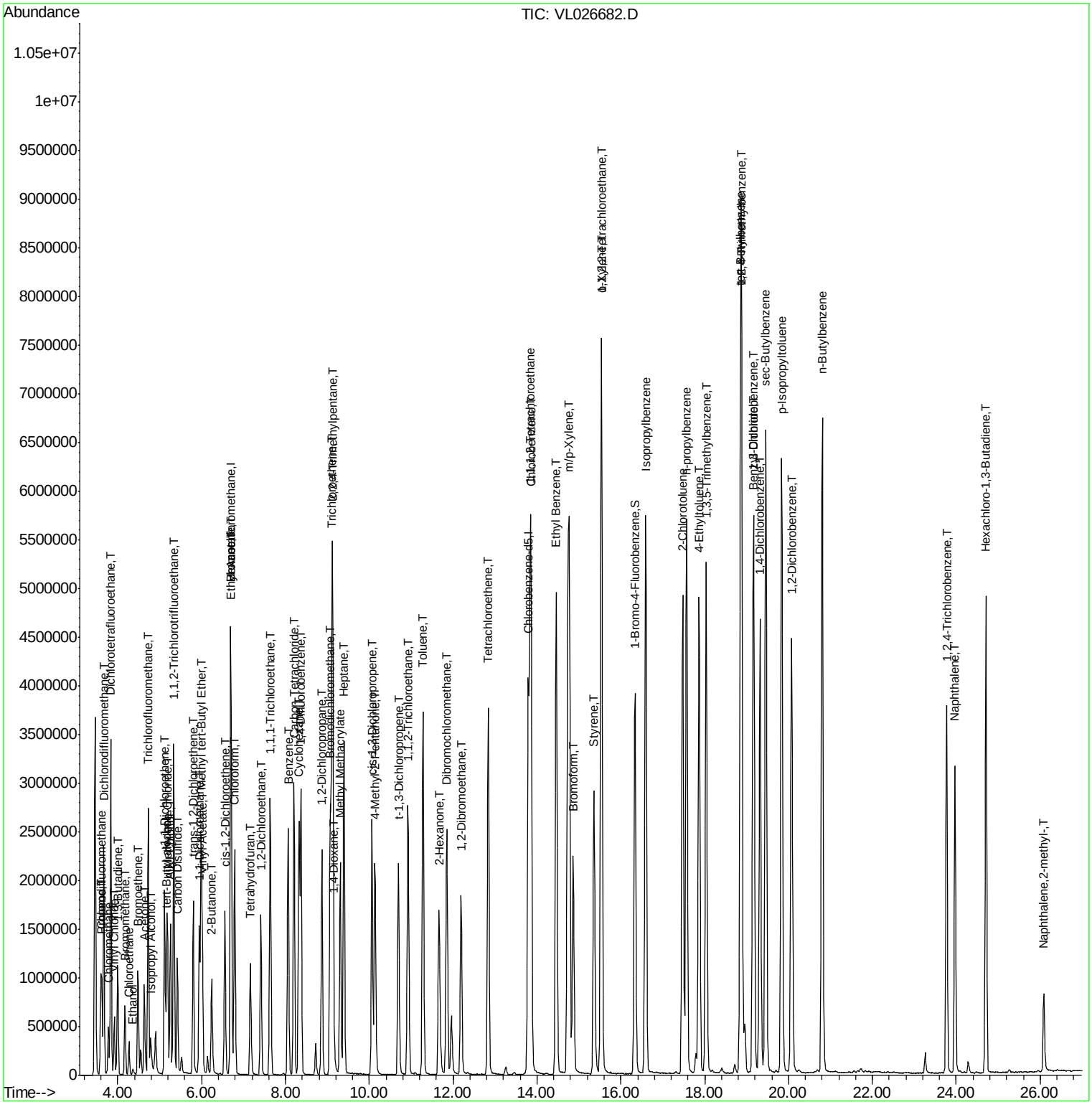
(#) = qualifier out of range (m) = manual integration (+) = signals summed

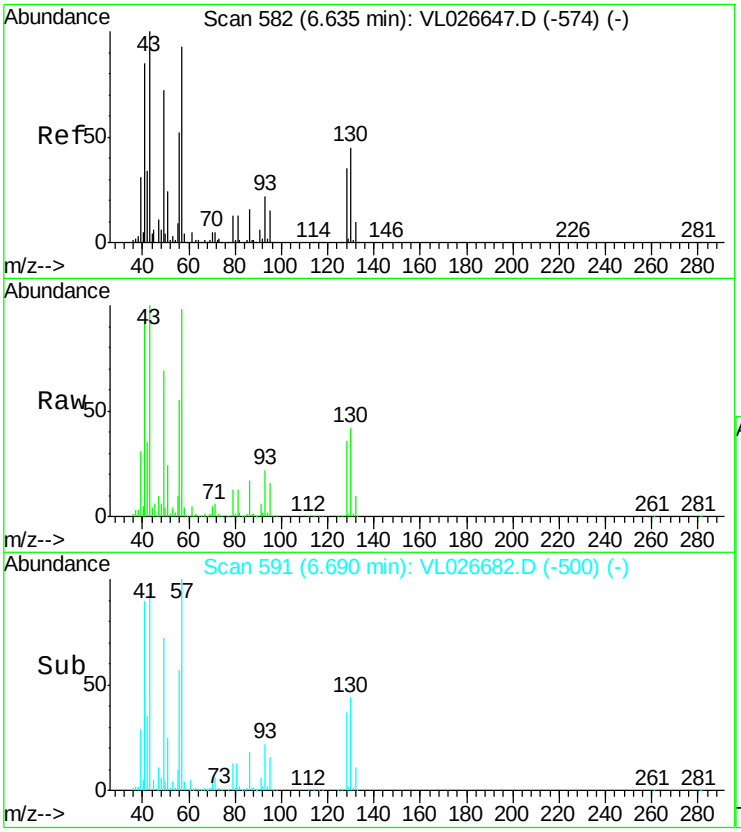
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL011216\
Data File : VL026682.D
Acq On : 12 Jan 2016 19:56
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Jan 13 03:03:40 2016
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL010816AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 11 17:14:02 2016
QLast Update : Mon Jan 11 17:14:02 2016
Response via : Initial Calibration



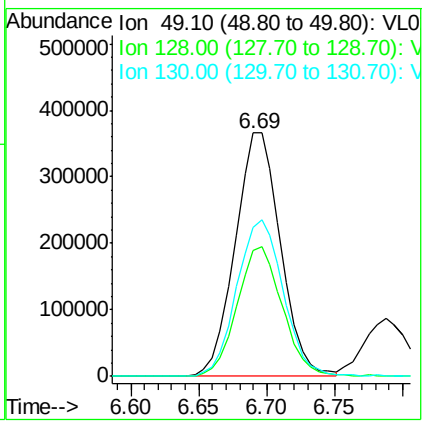


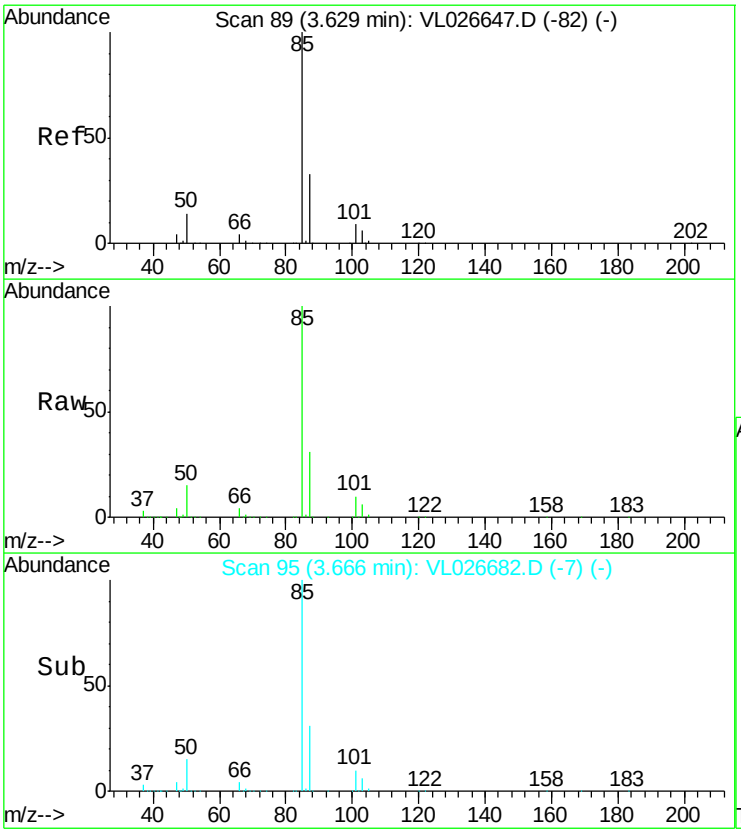
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 6.69 min Scan# 591
Delta R.T. 0.05 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 854836

Ion	Ratio	Lower	Upper
49	100		
128	53.5	25.9	77.7
130	66.5	33.6	100.8

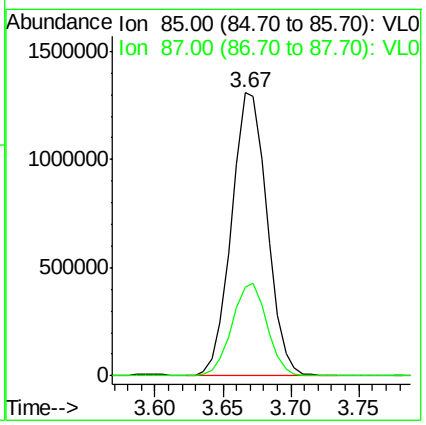


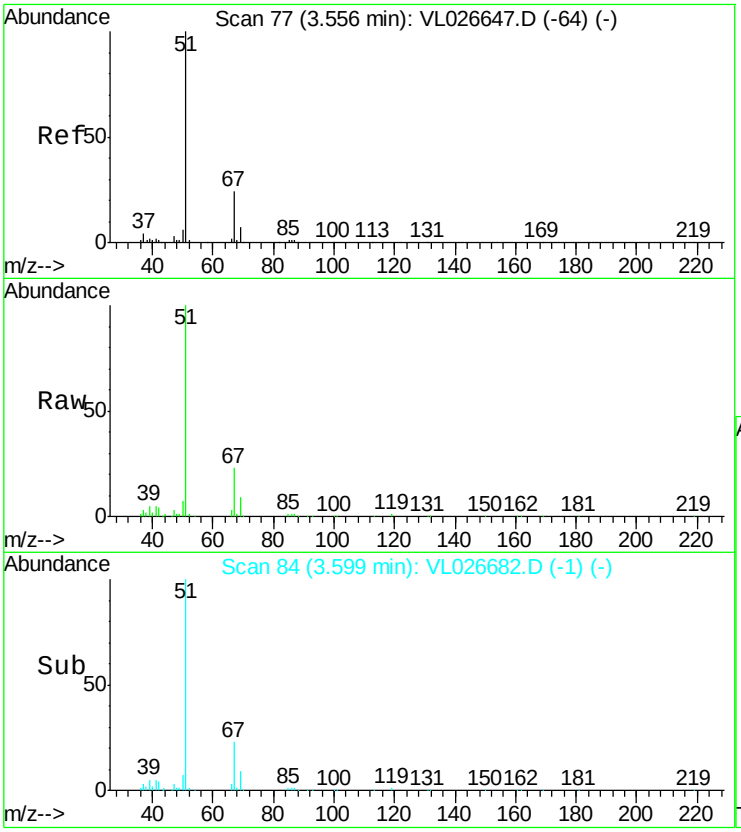


#2
Dichlorodifluoromethane
Concen: 10.49 ppbv
RT: 3.67 min Scan# 95
Delta R.T. 0.04 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion: 85 Resp: 2384506

Ion	Ratio	Lower	Upper
85	100		
87	31.2	26.4	39.6

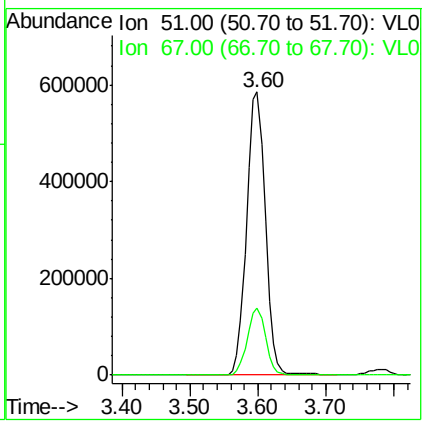




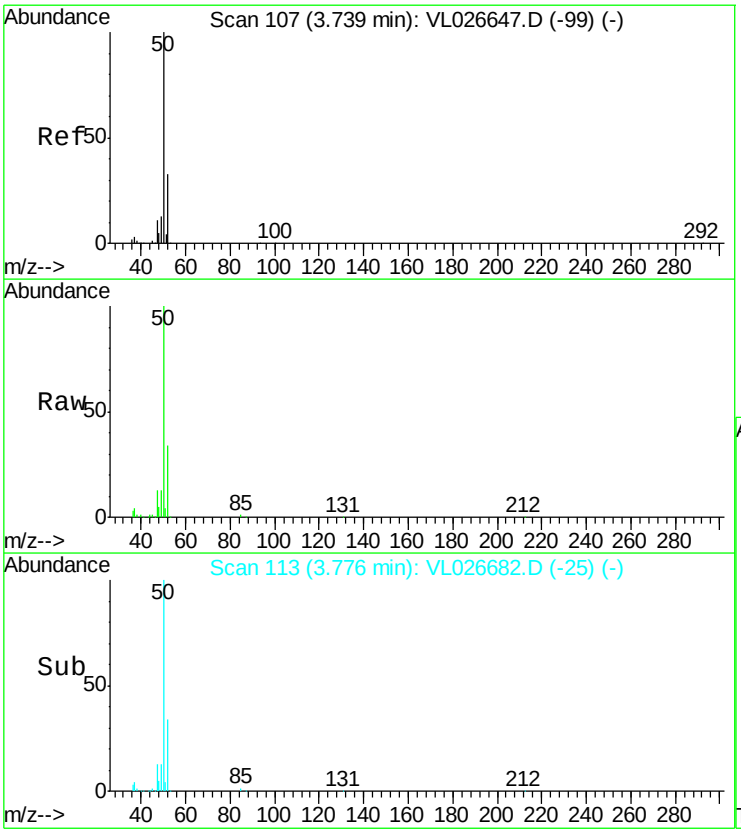
#3
Chlorodifluoromethane
Concen: 9.90 ppbv
RT: 3.60 min Scan# 84
Delta R.T. 0.04 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion: 51 Resp: 1126766

Ion	Ratio	Lower	Upper
51	100		
67	23.4	18.6	28.0



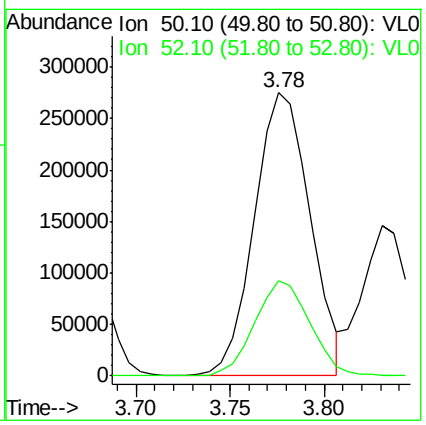
Instrument :
MSVOA_L
ClientSampleId :

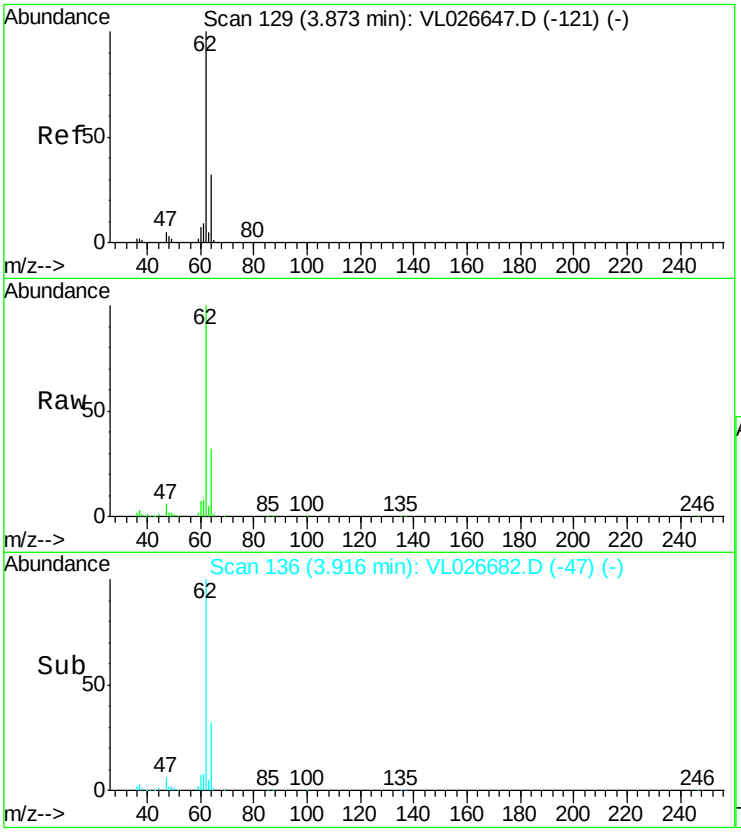


#4
Chloromethane
Concen: 10.13 ppbv
RT: 3.78 min Scan# 113
Delta R.T. 0.04 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion: 50 Resp: 563628

Ion	Ratio	Lower	Upper
50	100		
52	33.9	26.7	40.1



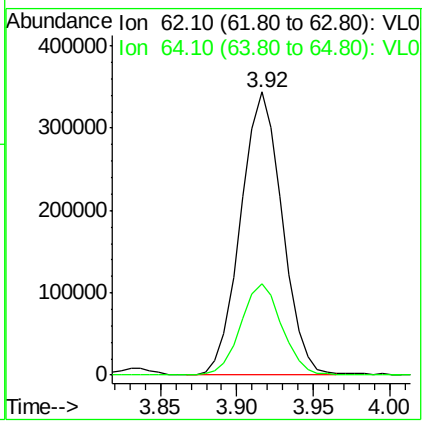


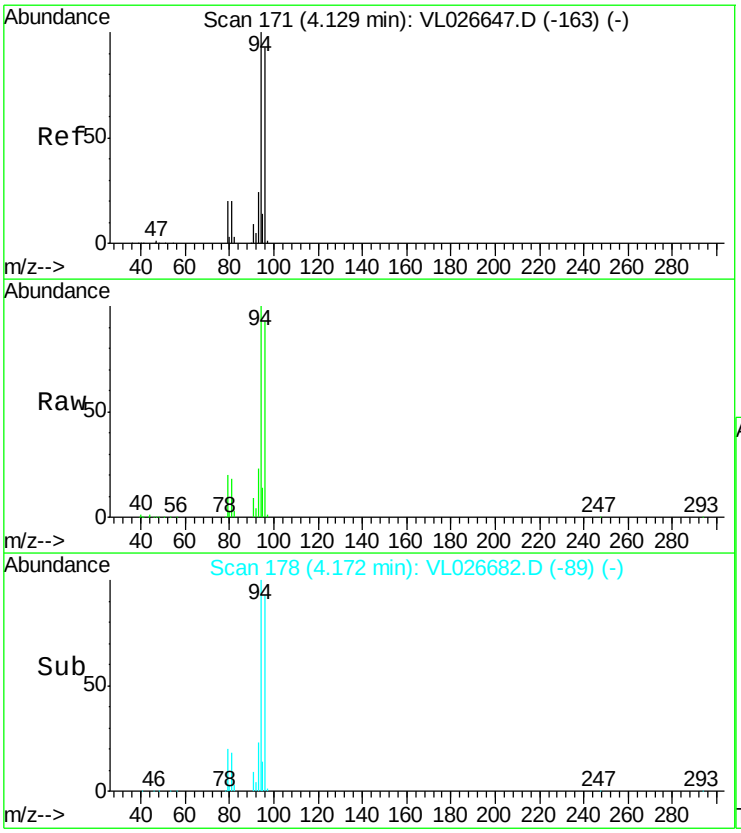
#5
Vinyl Chloride
Concen: 9.60 ppbv
RT: 3.92 min Scan# 136
Delta R.T. 0.04 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 62 Resp: 647287

Ion	Ratio	Lower	Upper
62	100		
64	32.5	25.6	38.4

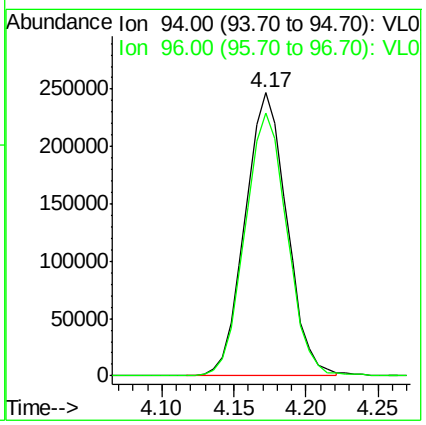


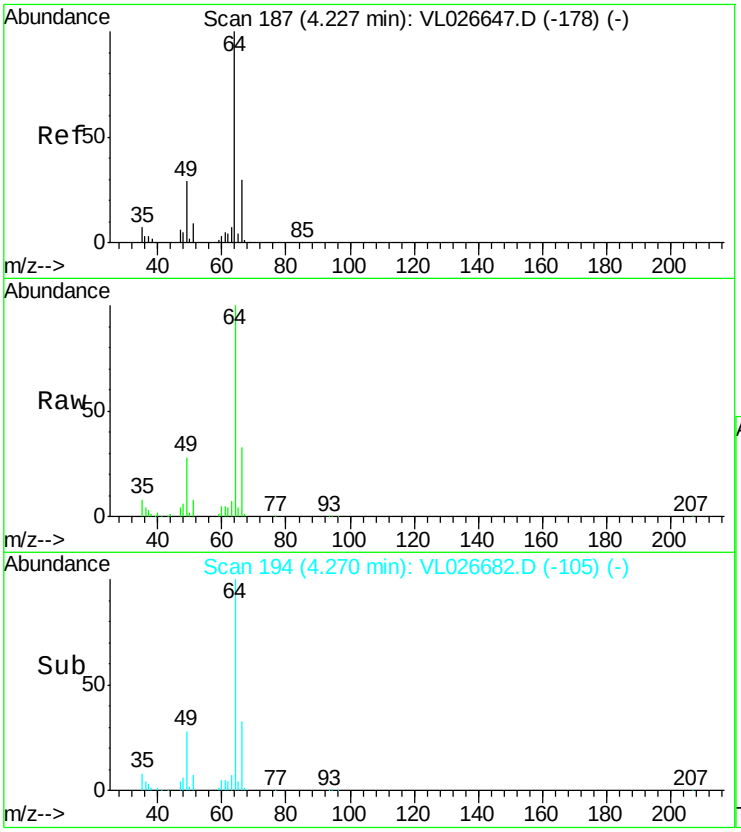


#6
Bromomethane
Concen: 10.31 ppbv
RT: 4.17 min Scan# 178
Delta R.T. 0.04 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion: 94 Resp: 495220

Ion	Ratio	Lower	Upper
94	100		
96	92.9	74.6	112.0



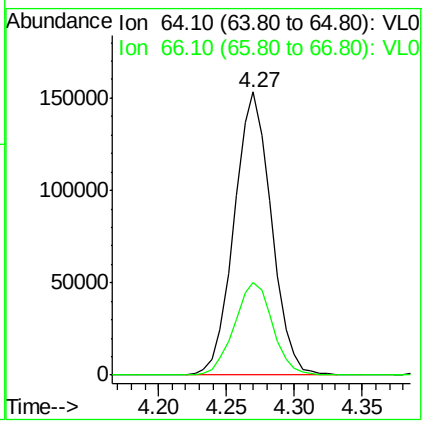


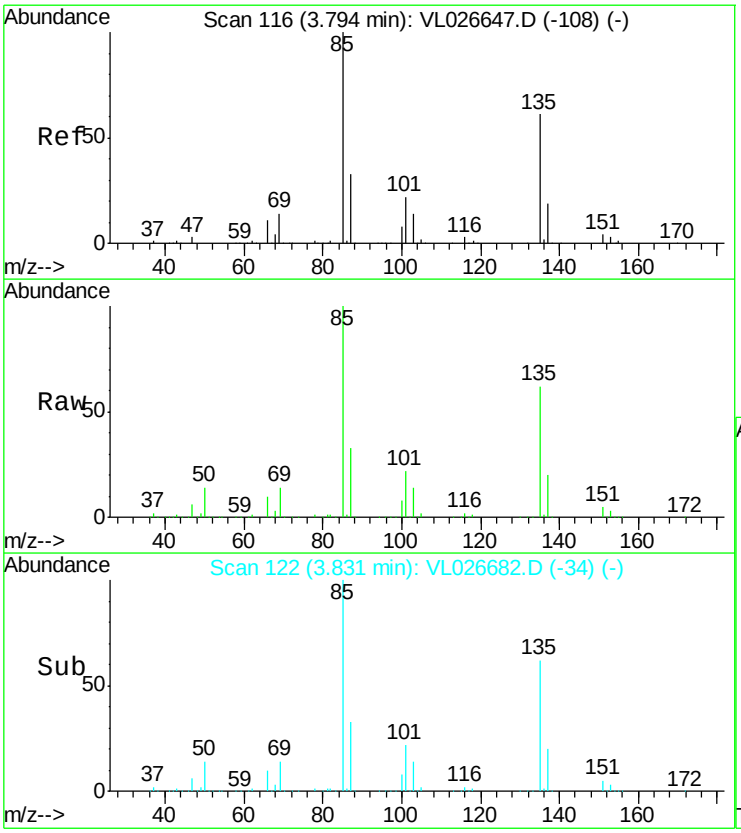
#7
Chloroethane
Concen: 10.73 ppbv
RT: 4.27 min Scan# 194
Delta R.T. 0.04 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 292492

Ion	Ratio	Lower	Upper
64	100		
66	32.7	24.3	36.5

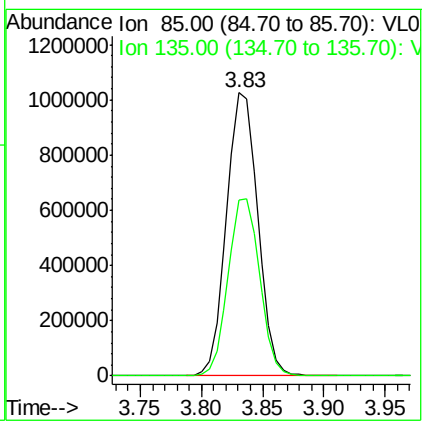


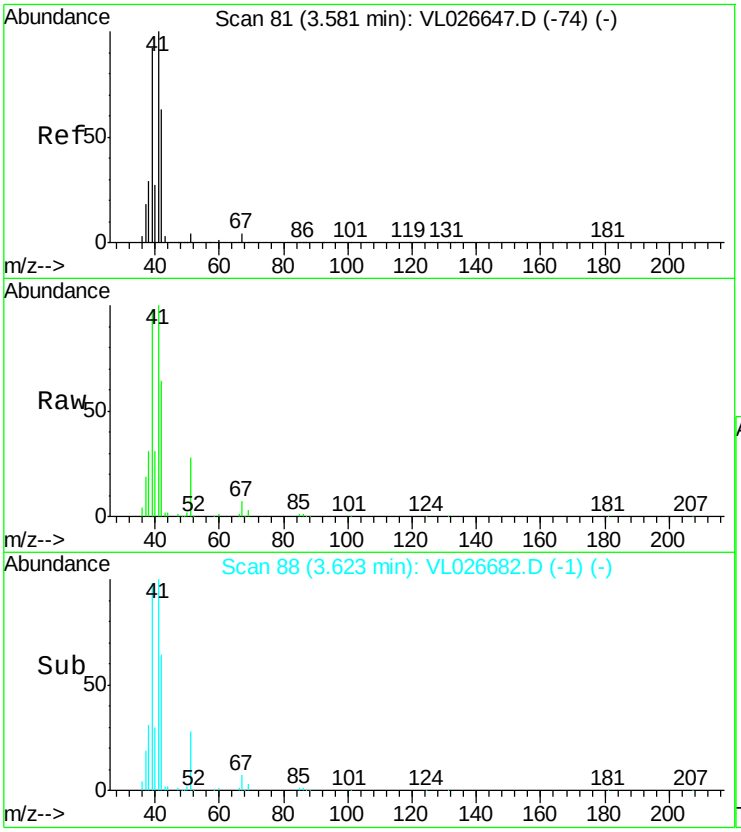


#8
Dichlorotetrafluoroethane
Concen: 10.15 ppbv
RT: 3.83 min Scan# 122
Delta R.T. 0.04 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion: 85 Resp: 1813715

Ion	Ratio	Lower	Upper
85	100		
135	63.4	49.8	74.6

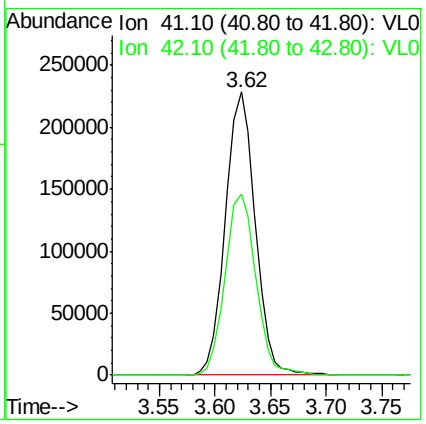




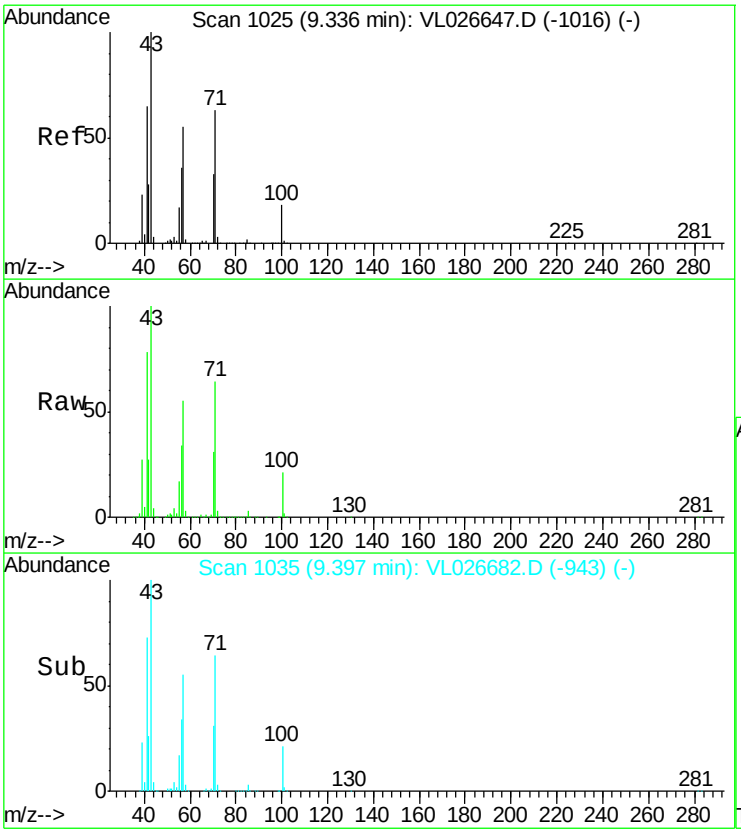
#9
Propene
Concen: 10.34 ppbv
RT: 3.62 min Scan# 88
Delta R.T. 0.04 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion: 41 Resp: 423123

Ion	Ratio	Lower	Upper
41	100		
42	66.6	53.6	80.4



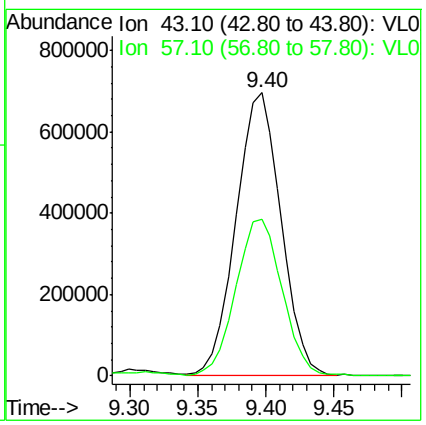
Instrument :
MSVOA_L
ClientSampleId :

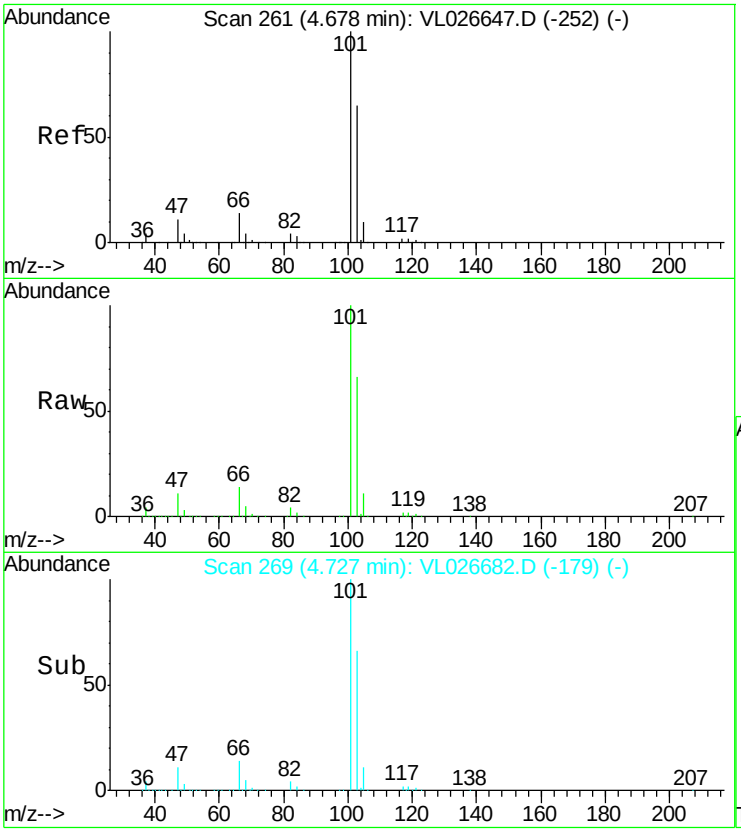


#10
Heptane
Concen: 10.49 ppbv
RT: 9.40 min Scan# 1035
Delta R.T. 0.06 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion: 43 Resp: 1599452

Ion	Ratio	Lower	Upper
43	100		
57	59.2	45.8	68.6



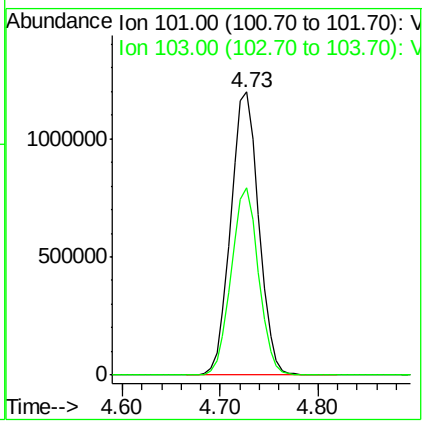


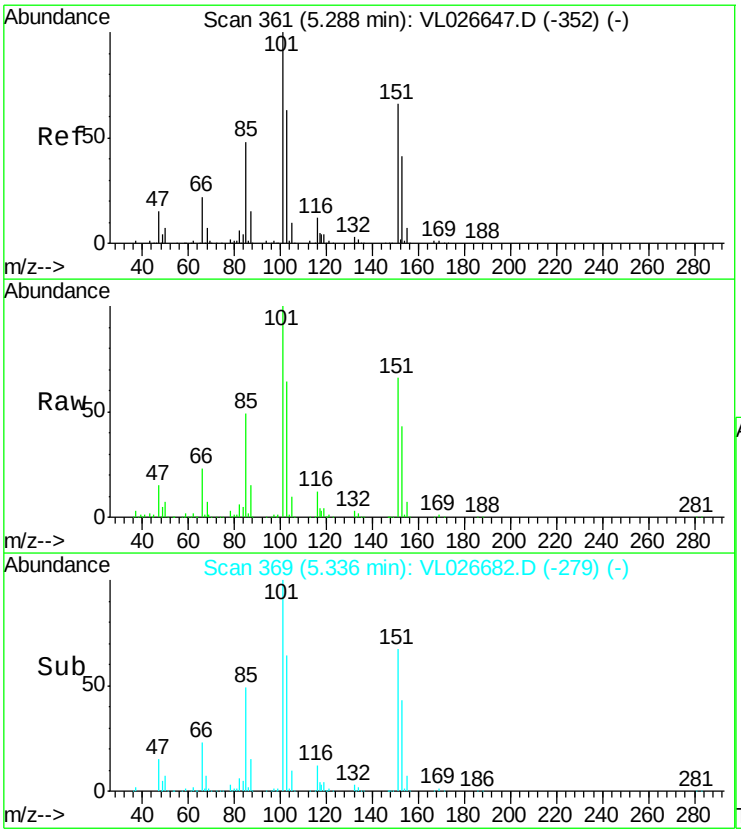
#11
Trichlorofluoromethane
Concen: 10.11 ppbv
RT: 4.73 min Scan# 269
Delta R.T. 0.05 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 2381527

Ion	Ratio	Lower	Upper
101	100		
103	66.3	51.7	77.5

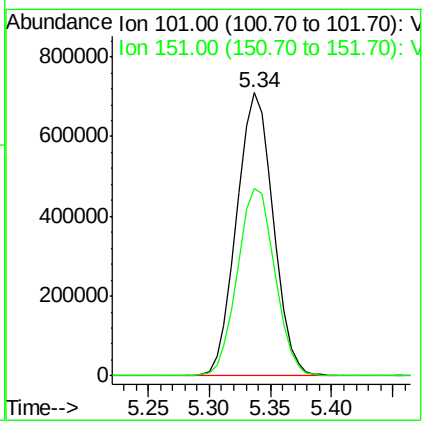


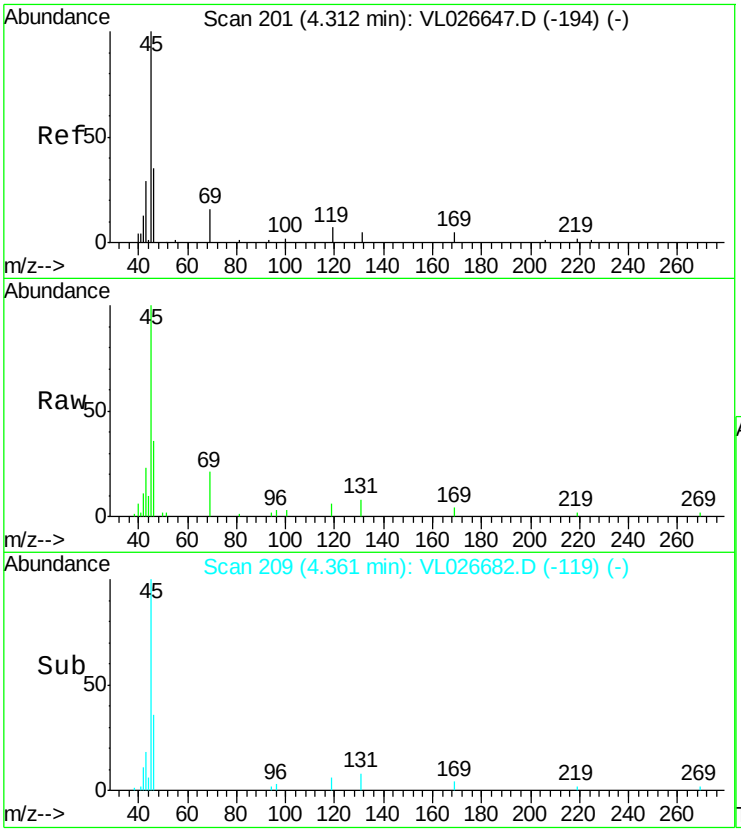


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.23 ppbv
RT: 5.34 min Scan# 369
Delta R.T. 0.05 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion:101 Resp: 1480687

Ion	Ratio	Lower	Upper
101	100		
151	68.0	54.2	81.4



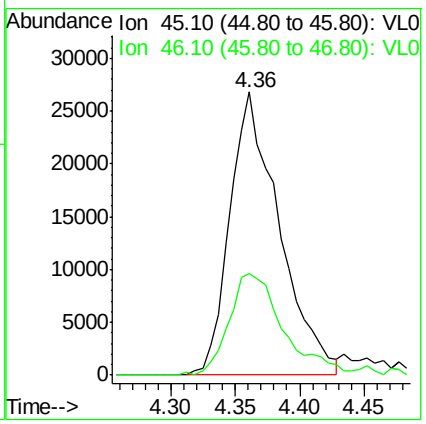


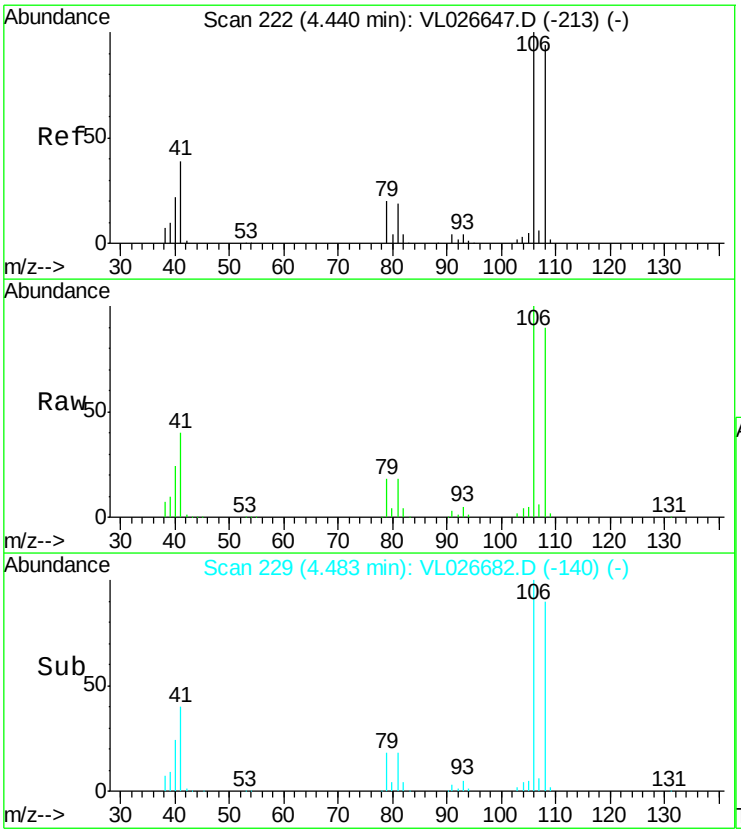
#13
Ethanol
Concen: 9.21 ppbv
RT: 4.36 min Scan# 209
Delta R.T. 0.05 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 71597

Ion	Ratio	Lower	Upper
45	100		
46	40.4	16.7	66.7

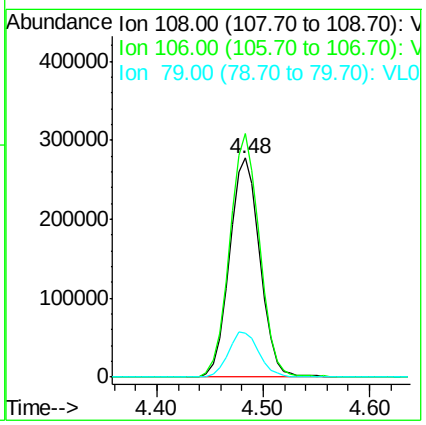


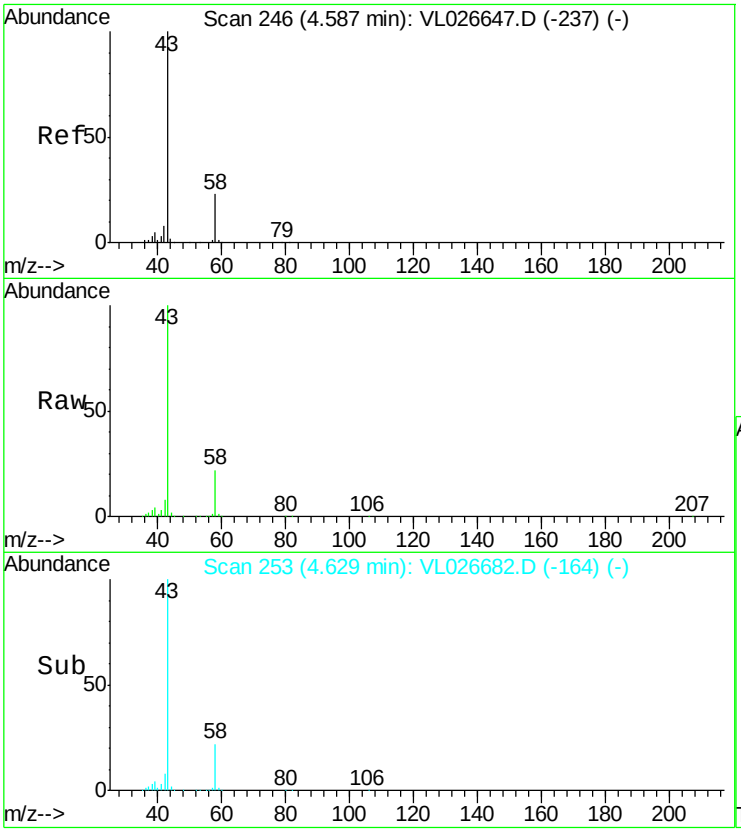


#14
Bromoethene
Concen: 10.64 ppbv
RT: 4.48 min Scan# 229
Delta R.T. 0.04 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion:108 Resp: 555006

Ion	Ratio	Lower	Upper
108	100		
106	109.5	86.4	129.6
79	21.0	17.2	25.8



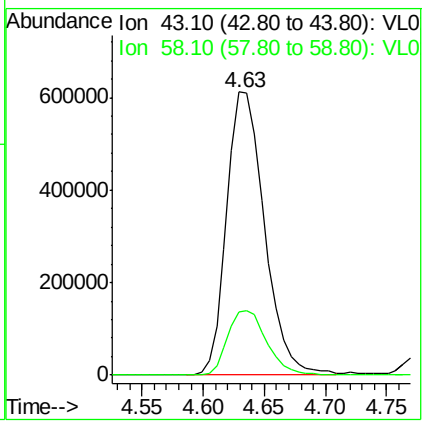


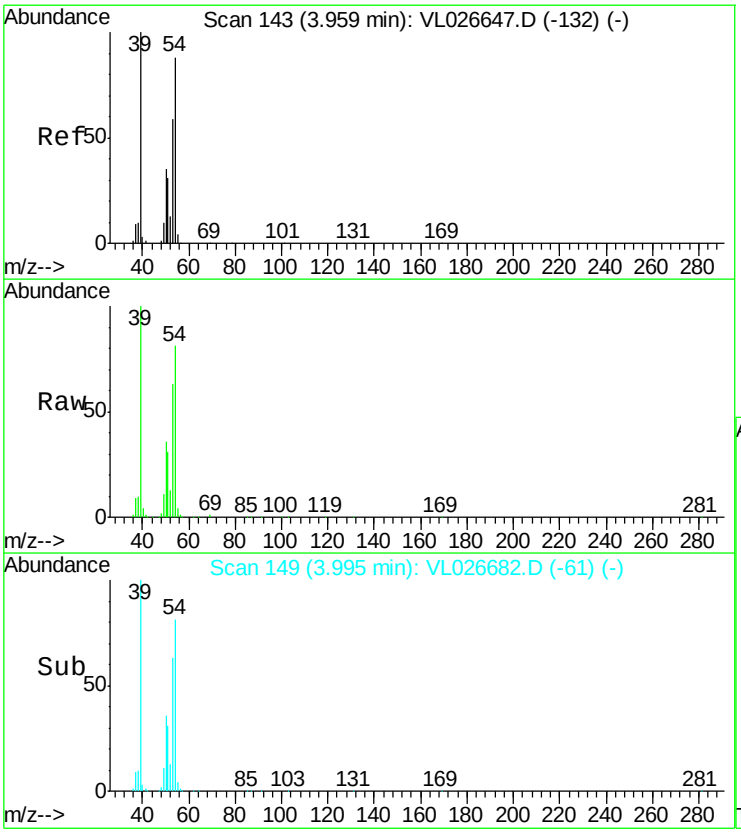
#15
Acetone
Concen: 9.33 ppbv
RT: 4.63 min Scan# 253
Delta R.T. 0.04 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 1312272

Ion	Ratio	Lower	Upper
43	100		
58	23.9	19.2	28.8

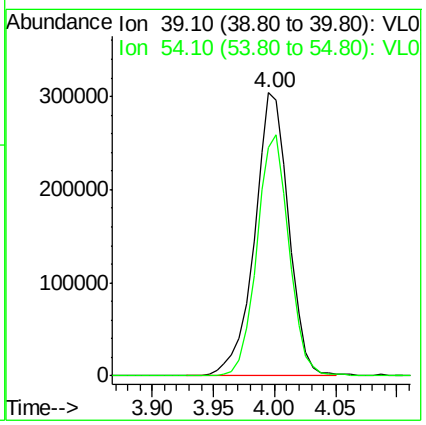


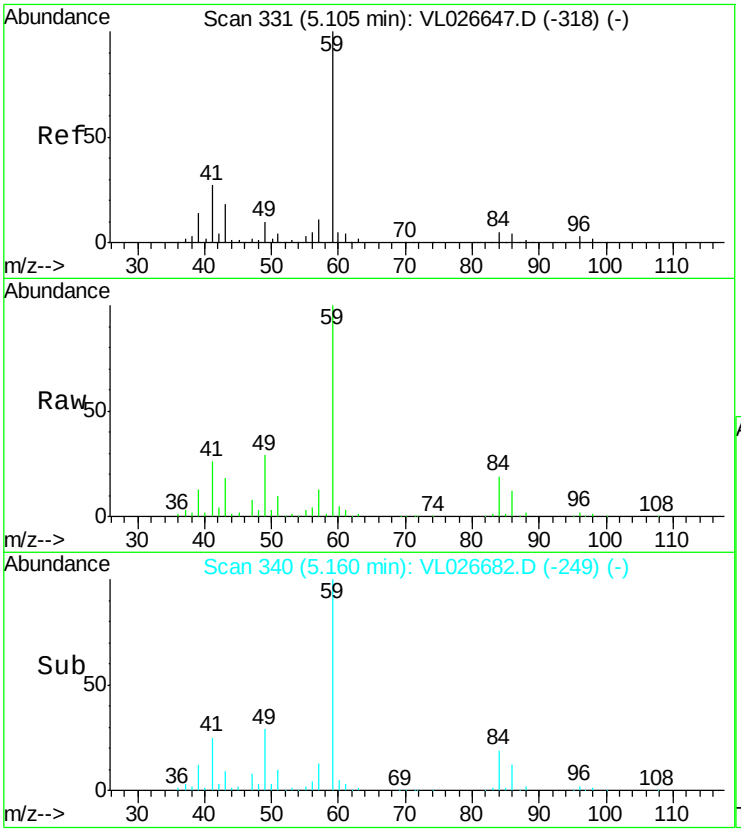


#16
1,3-Butadiene
Concen: 10.52 ppbv
RT: 4.00 min Scan# 149
Delta R.T. 0.04 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion: 39 Resp: 590762

Ion	Ratio	Lower	Upper
39	100		
54	80.3	66.6	100.0



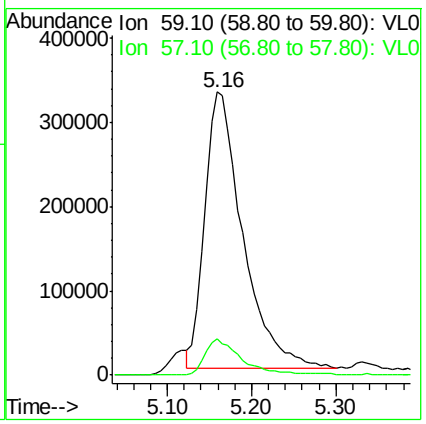


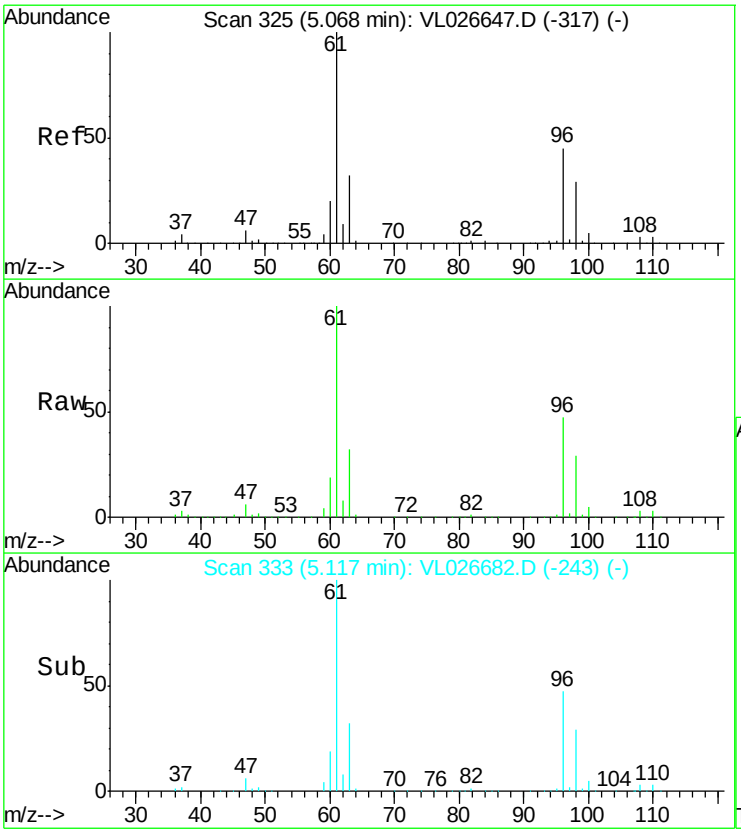
#17
tert-Butyl alcohol
Concen: 9.59 ppbv
RT: 5.16 min Scan# 340
Delta R.T. 0.06 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 59 Resp: 1016499

Ion	Ratio	Lower	Upper
59	100		
57	13.4	9.0	13.6

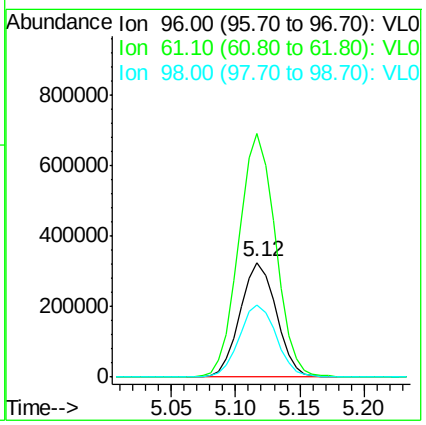


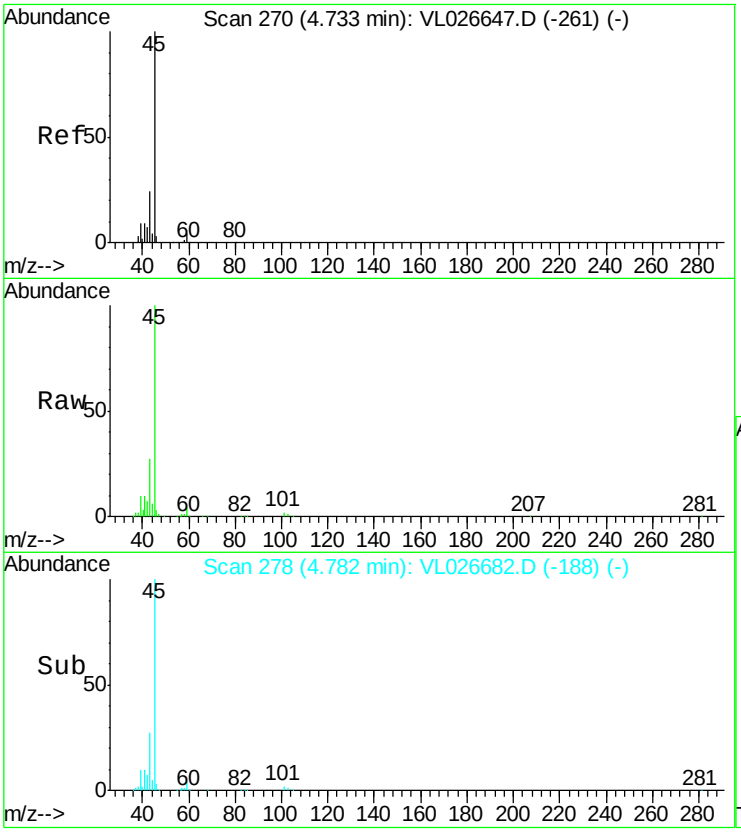


#18
1,1-Dichloroethene
Concen: 10.53 ppbv
RT: 5.12 min Scan# 333
Delta R.T. 0.05 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion: 96 Resp: 635783

Ion	Ratio	Lower	Upper
96	100		
61	211.7	176.7	265.1
98	62.4	51.8	77.6

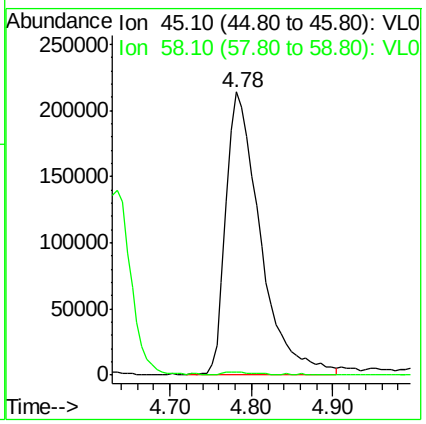




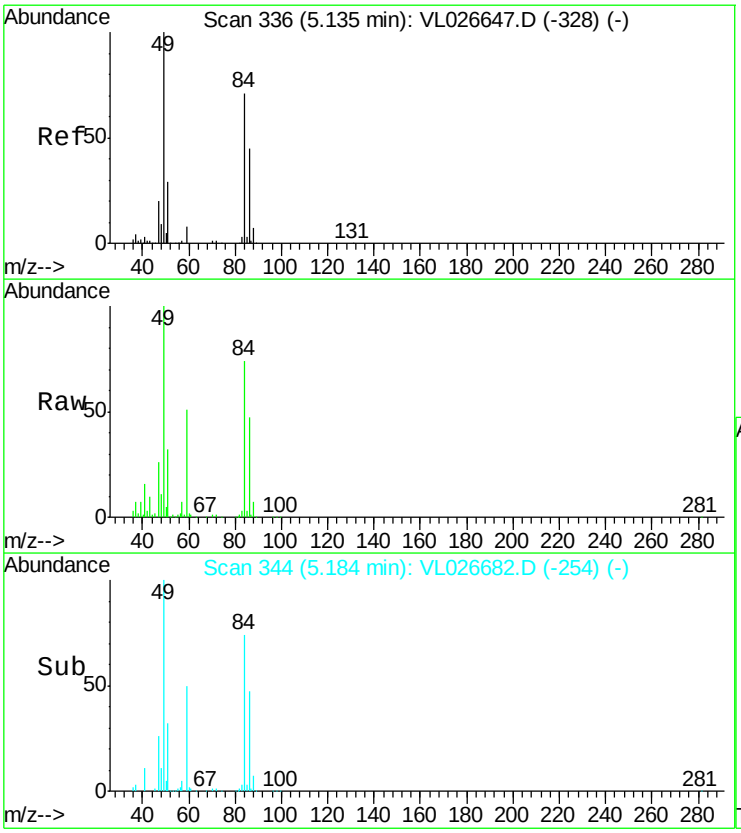
#19
Isopropyl Alcohol
Concen: 10.72 ppbv
RT: 4.78 min Scan# 278
Delta R.T. 0.05 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion: 45 Resp: 621541

Ion	Ratio	Lower	Upper
45	100		
58	1.6	1.3	1.9



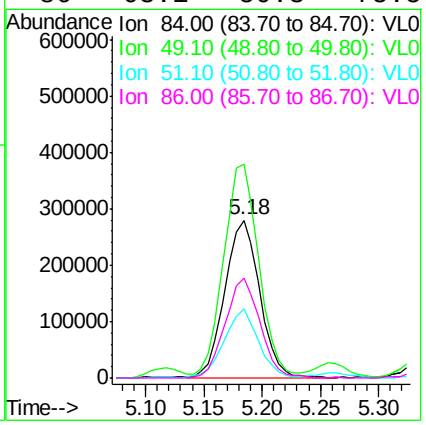
Instrument :
MSVOA_L
ClientSampleId :

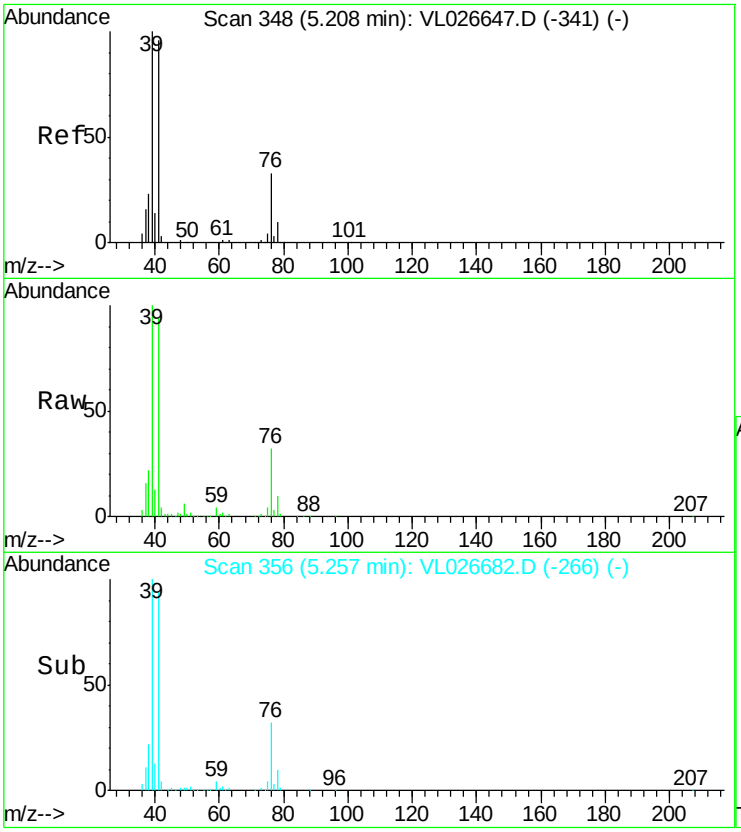


#20
Methylene Chloride
Concen: 10.08 ppbv
RT: 5.18 min Scan# 344
Delta R.T. 0.05 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion: 84 Resp: 581477

Ion	Ratio	Lower	Upper
84	100		
49	133.3	112.3	168.5
51	43.2	32.5	48.7
86	63.1	50.3	75.5



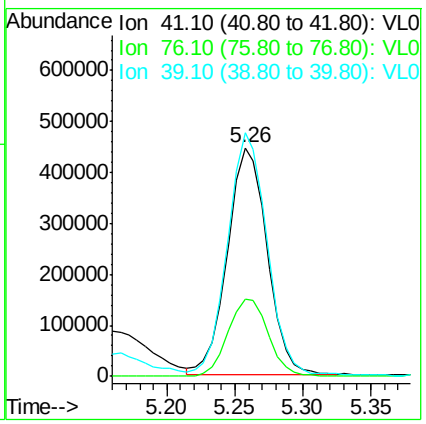


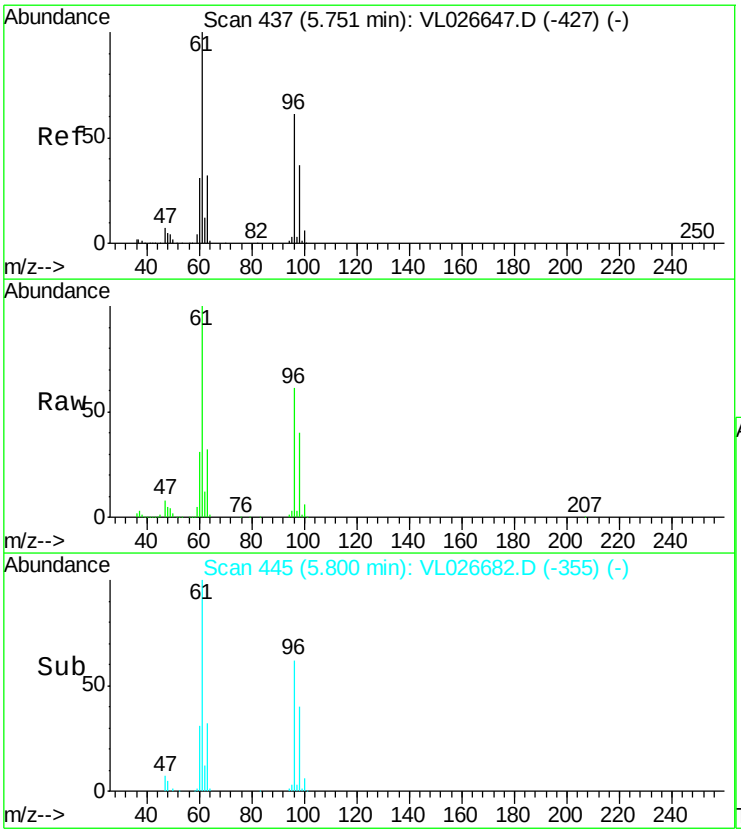
#21
Allvl Chloride
Concen: 10.54 ppbv
RT: 5.26 min Scan# 356
Delta R.T. 0.05 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 909007

Ion	Ratio	Lower	Upper
41	100		
76	34.6	27.5	41.3
39	107.2	83.0	124.6

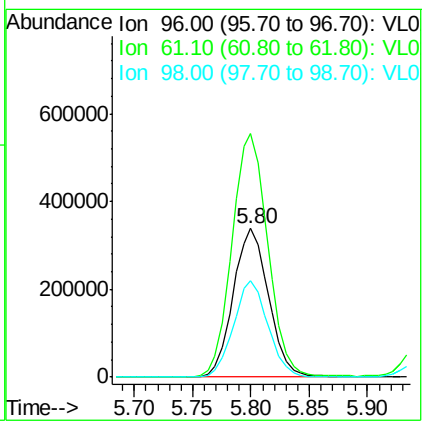


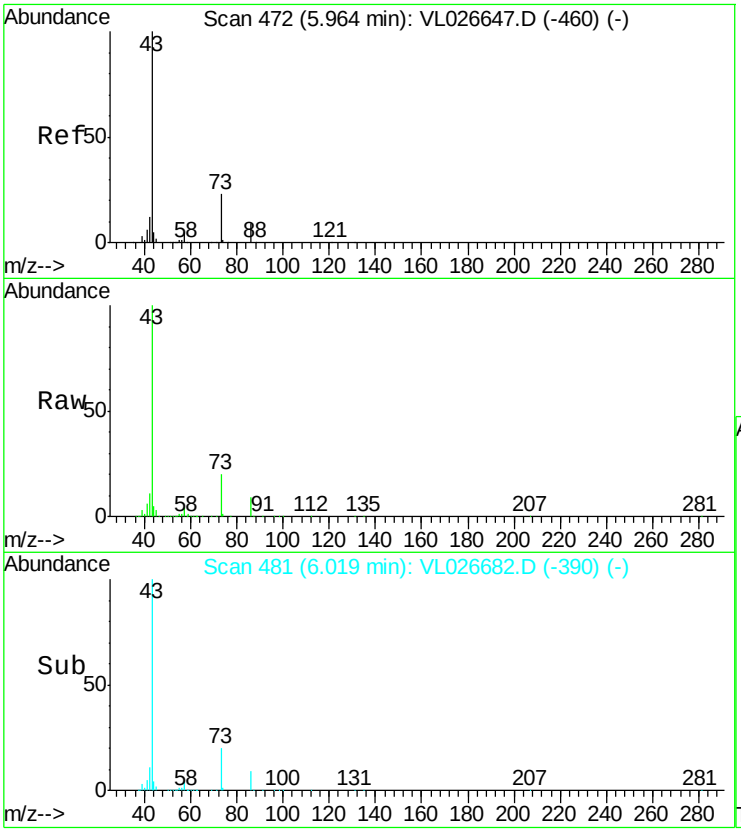


#22
trans-1,2-Dichloroethene
Concen: 10.39 ppbv
RT: 5.80 min Scan# 445
Delta R.T. 0.05 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion: 96 Resp: 716535

Ion	Ratio	Lower	Upper
96	100		
61	163.5	131.0	196.6
98	65.0	48.1	72.1



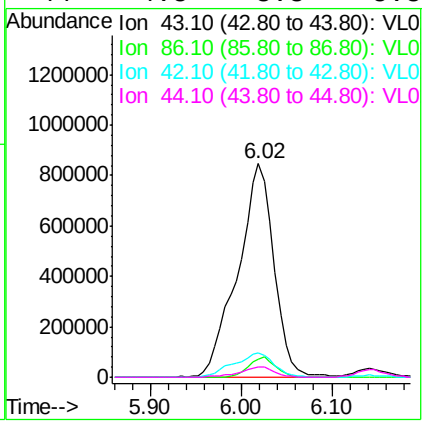


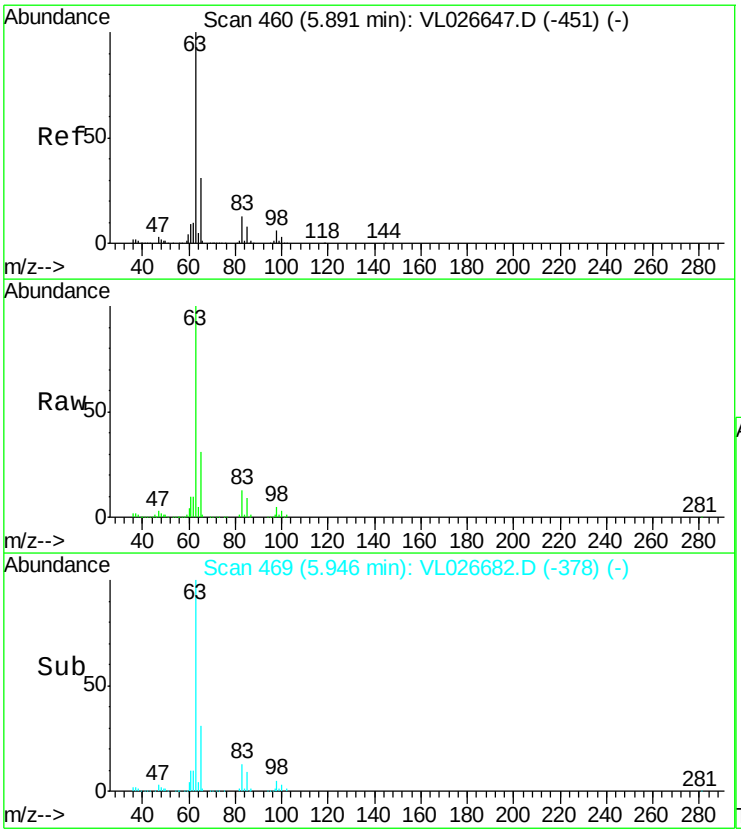
#23
Vinyl Acetate
Concen: 10.85 ppbv
RT: 6.02 min Scan# 481
Delta R.T. 0.05 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 2343167

Ion	Ratio	Lower	Upper
43	100		
86	8.5	7.4	11.0
42	11.4	9.2	13.8
44	4.5	3.8	5.8

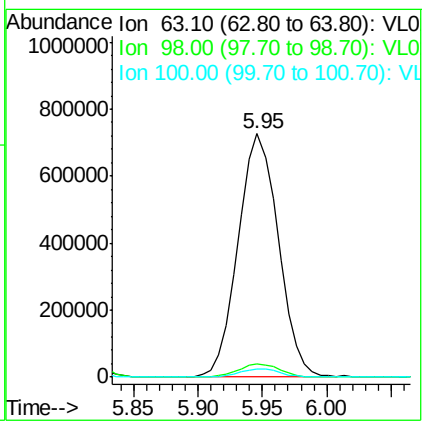


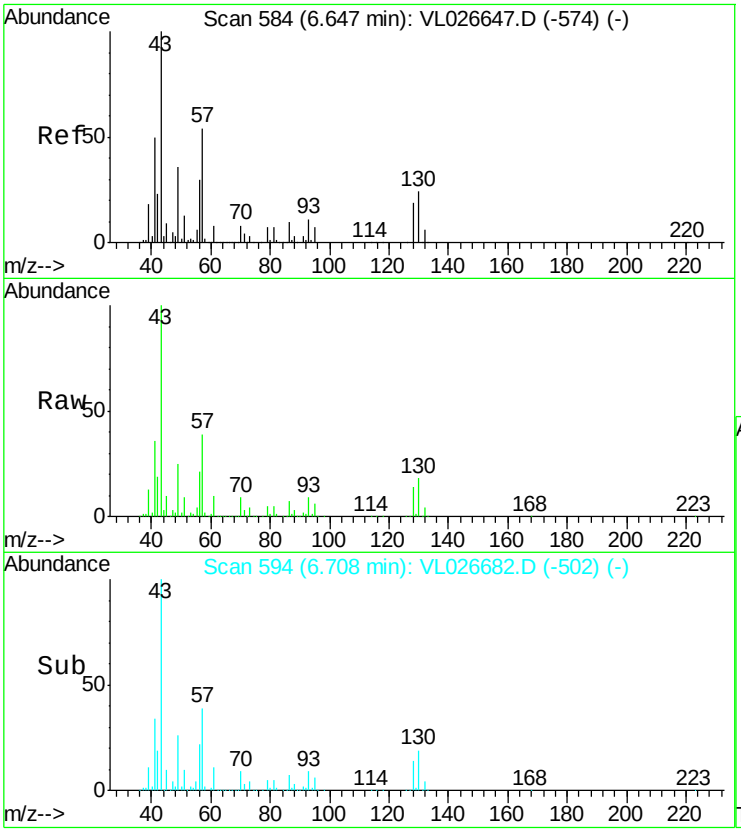


#24
1,1-Dichloroethane
Concen: 10.09 ppbv
RT: 5.95 min Scan# 469
Delta R.T. 0.05 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion: 63 Resp: 1570531

Ion	Ratio	Lower	Upper
63	100		
98	5.2	2.9	8.7
100	3.2	1.6	4.8



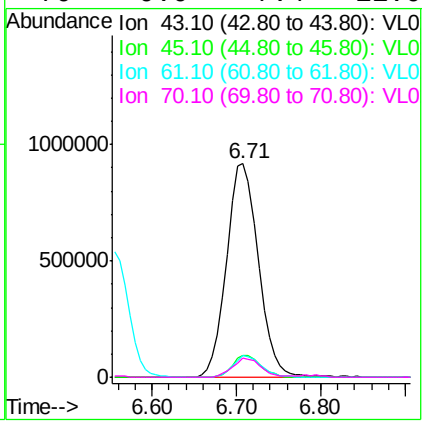


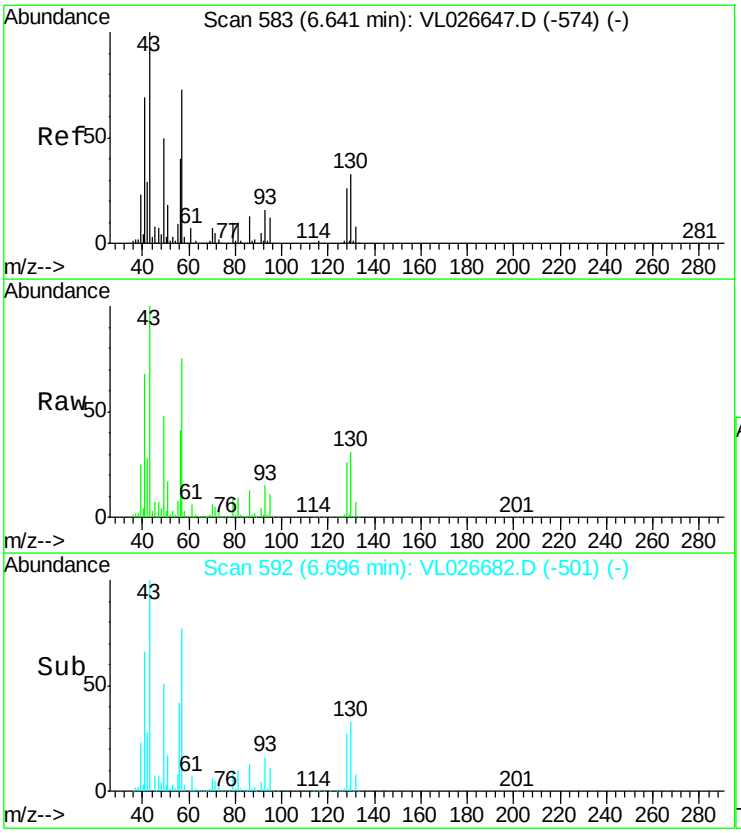
#25
Ethyl Acetate
Concen: 10.82 ppbv
RT: 6.71 min Scan# 594
Delta R.T. 0.06 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 2349351

Ion	Ratio	Lower	Upper
43	100		
45	9.4	7.5	11.3
61	9.1	7.3	10.9
70	9.0	7.4	11.0

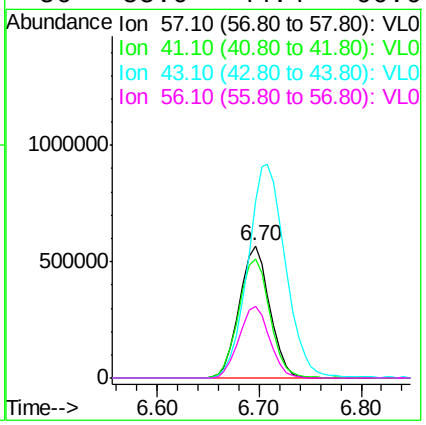


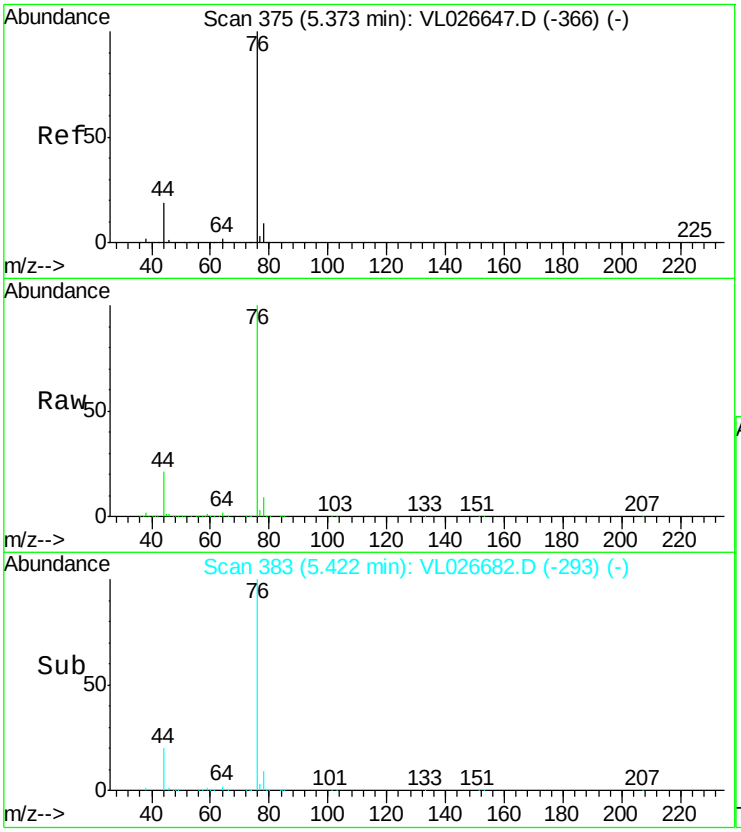


#26
Hexane
Concen: 10.43 ppbv
RT: 6.70 min Scan# 592
Delta R.T. 0.06 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion: 57 Resp: 1170229

Ion	Ratio	Lower	Upper
57	100		
41	93.7	74.8	112.2
43	201.3	161.5	242.3
56	55.0	44.4	66.6



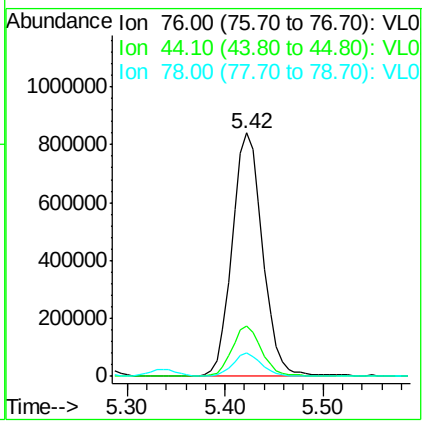


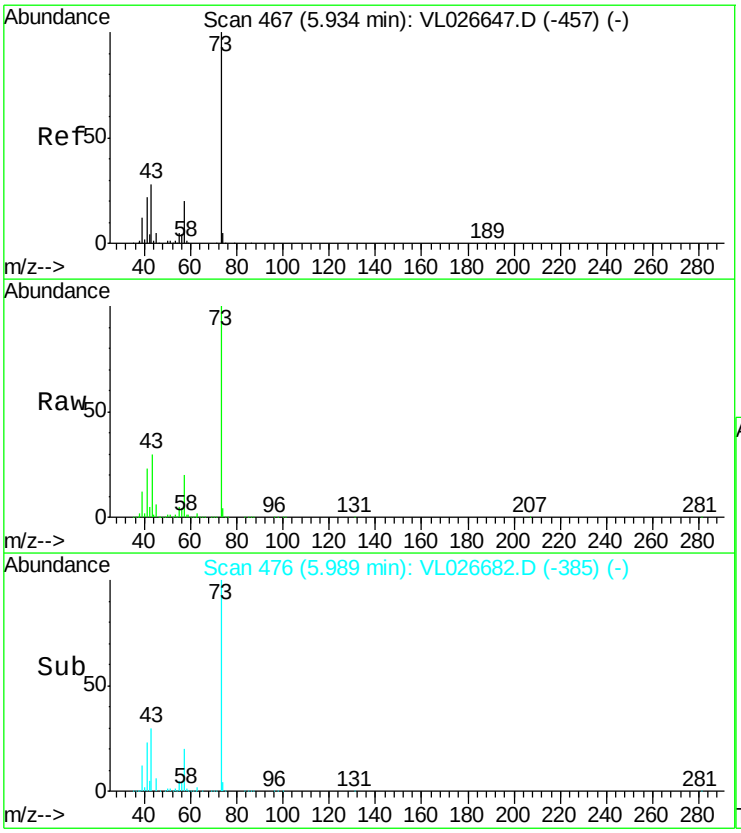
#27
Carbon Disulfide
Concen: 10.88 ppbv
RT: 5.42 min Scan# 383
Delta R.T. 0.05 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 76 Resp: 1814984

Ion	Ratio	Lower	Upper
76	100		
44	19.8	15.9	23.9
78	9.1	7.6	11.4

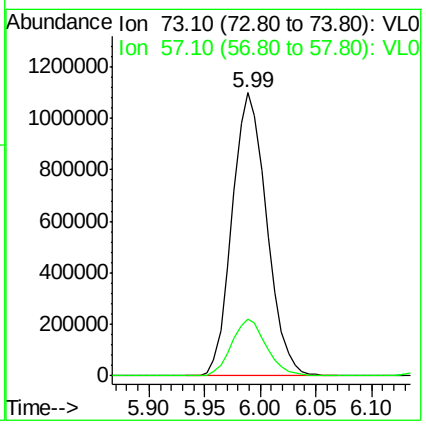


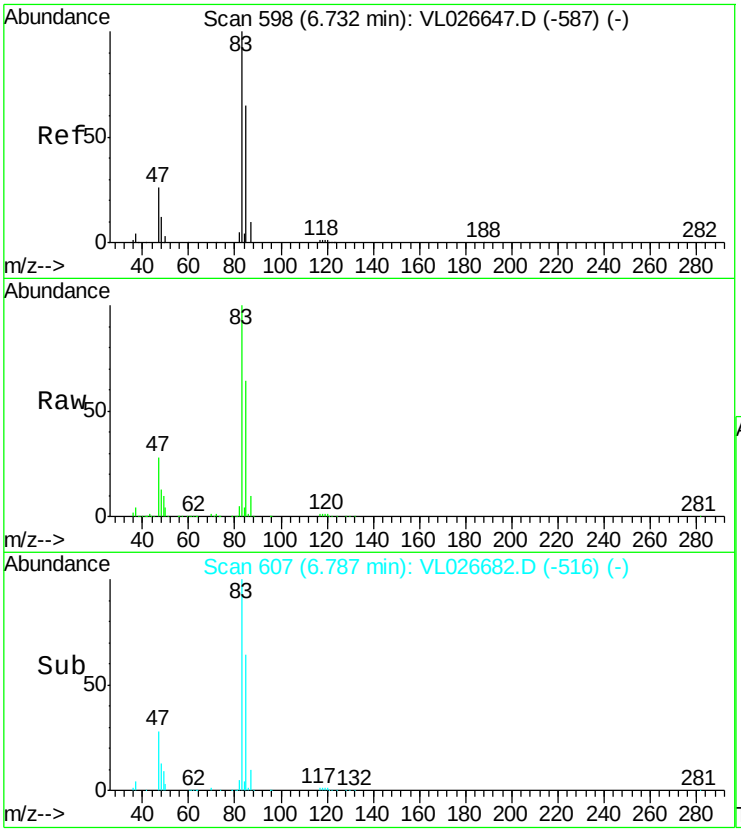


#28
Methyl tert-Butyl Ether
Concen: 10.61 ppbv
RT: 5.99 min Scan# 476
Delta R.T. 0.05 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion: 73 Resp: 2366918

Ion	Ratio	Lower	Upper
73	100		
57	20.3	16.2	24.4



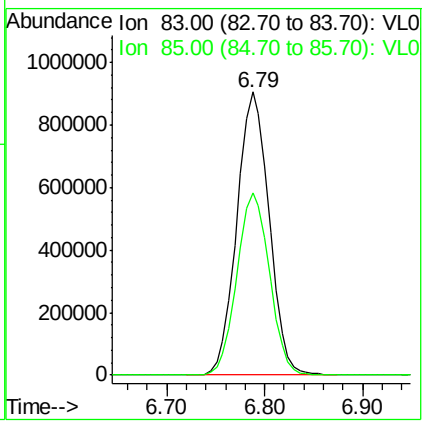


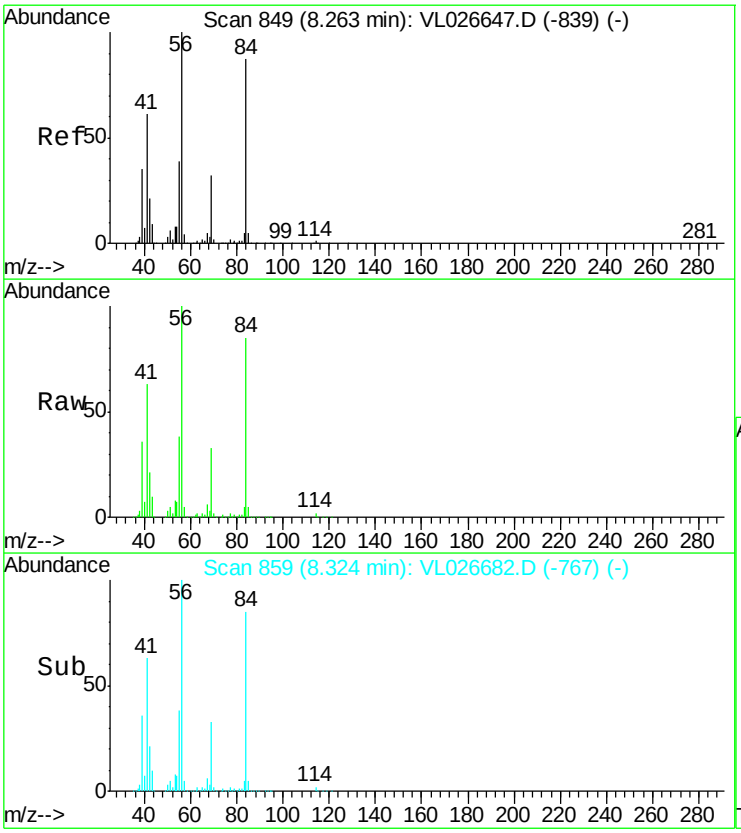
#29
Chloroform
Concen: 10.20 ppbv
RT: 6.79 min Scan# 607
Delta R.T. 0.06 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 2077687

Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.6	77.4

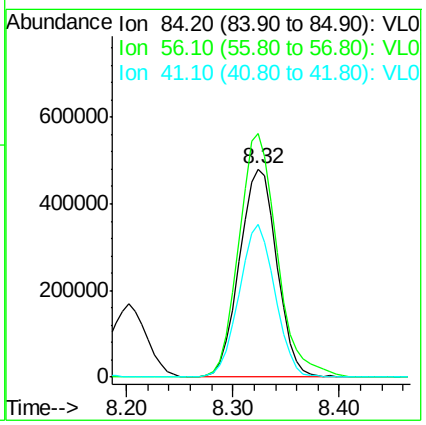


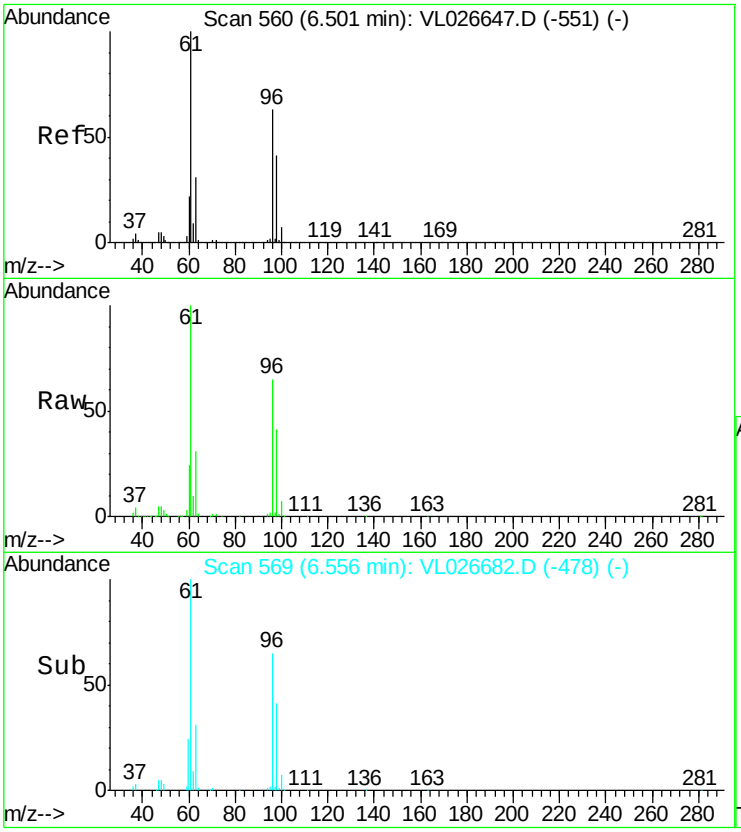


#30
Cyclohexane
Concen: 10.68 ppbv
RT: 8.32 min Scan# 859
Delta R.T. 0.06 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion: 84 Resp: 1183350

Ion	Ratio	Lower	Upper
84	100		
56	120.4	95.9	143.9
41	70.9	54.8	82.2



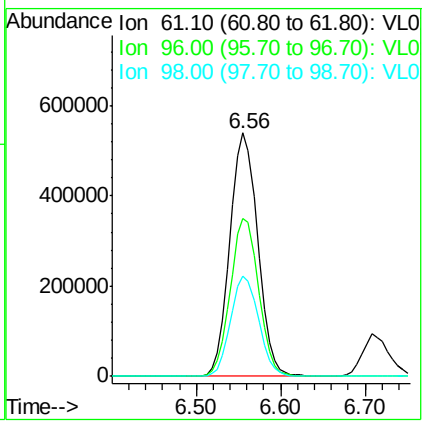


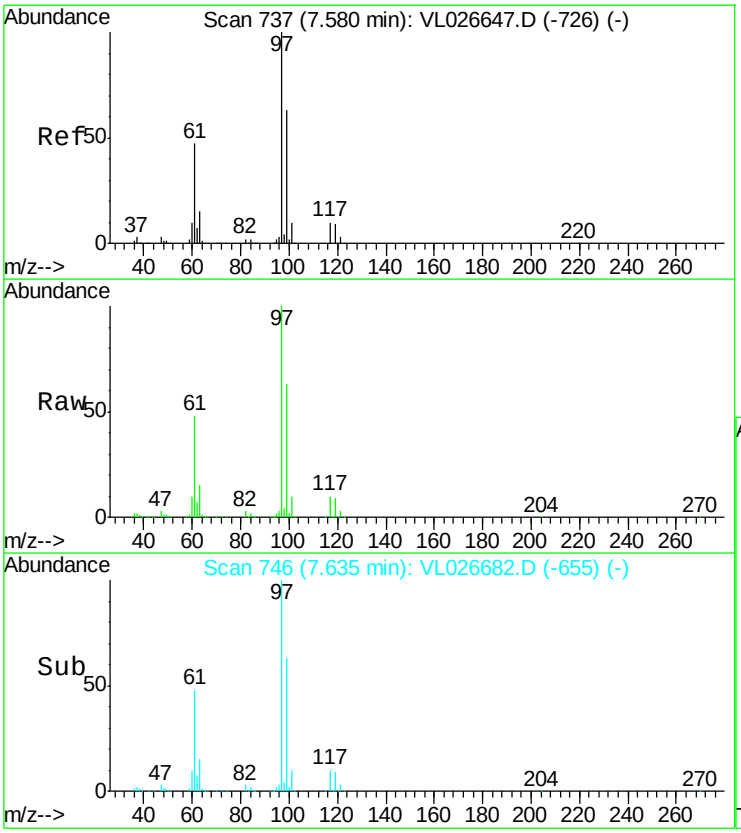
#31
cis-1,2-Dichloroethene
Concen: 10.73 ppbv
RT: 6.56 min Scan# 569
Delta R.T. 0.05 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 61 Resp: 1214093

Ion	Ratio	Lower	Upper
61	100		
96	65.0	50.2	75.4
98	41.0	32.4	48.6

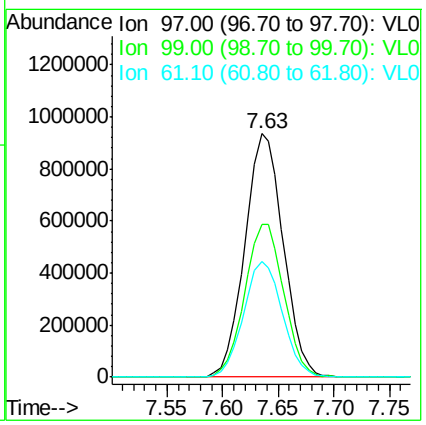


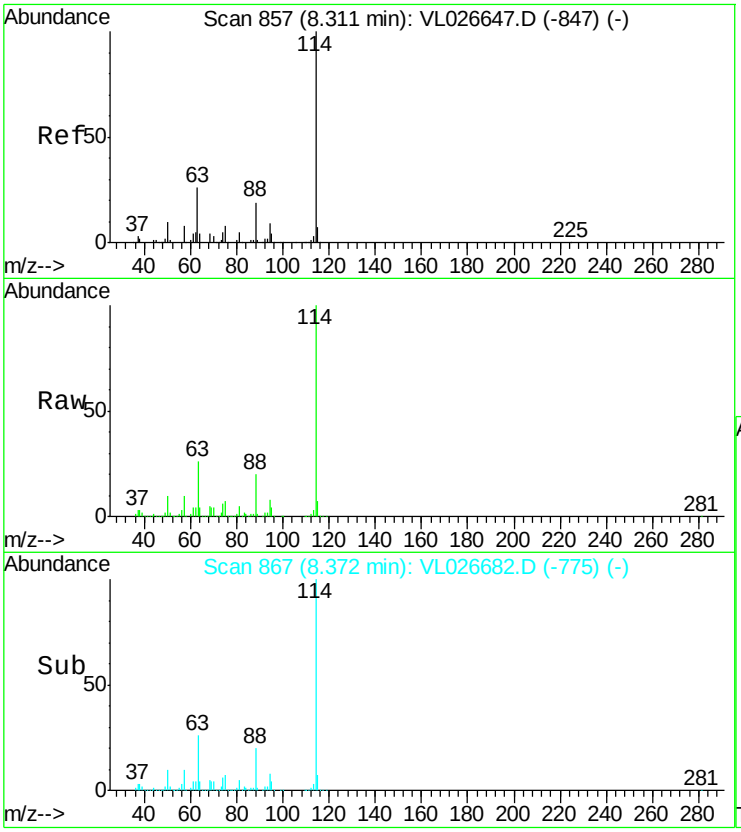


#32
1,1,1-Trichloroethane
Concen: 9.76 ppbv
RT: 7.63 min Scan# 746
Delta R.T. 0.05 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion: 97 Resp: 2245914

Ion	Ratio	Lower	Upper
97	100		
99	63.9	50.8	76.2
61	48.2	38.9	58.3



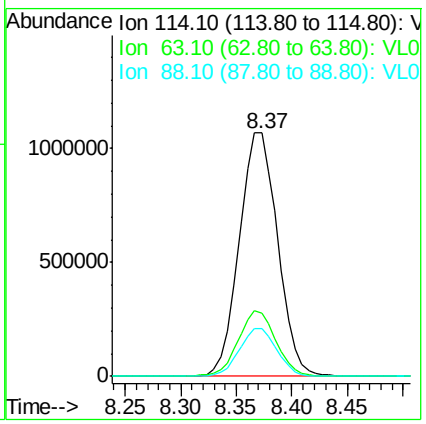


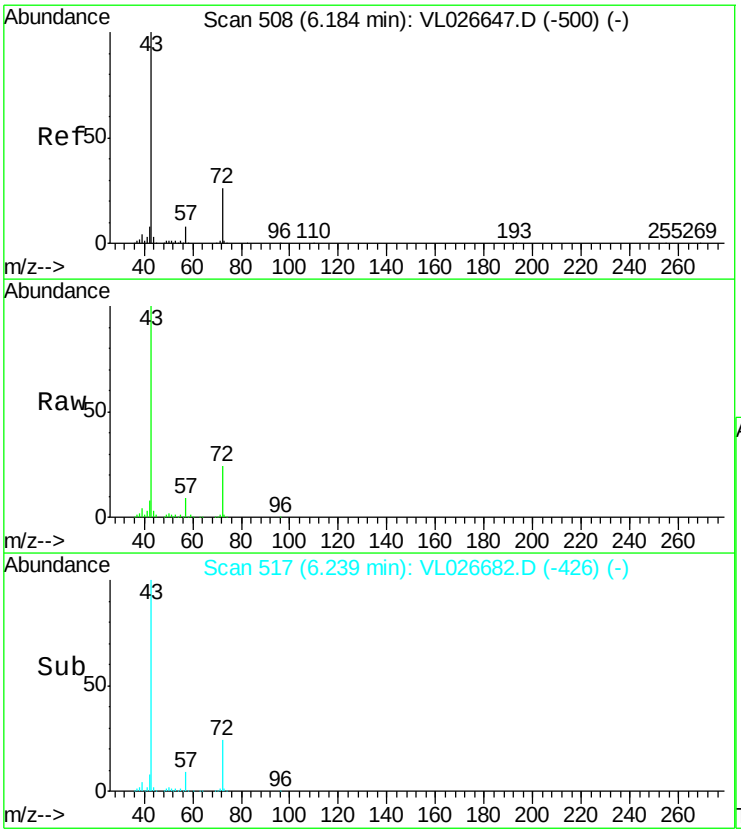
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.37 min Scan# 867
Delta R.T. 0.06 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 2566272

Ion	Ratio	Lower	Upper
114	100		
63	26.7	21.7	32.5
88	19.2	15.2	22.8

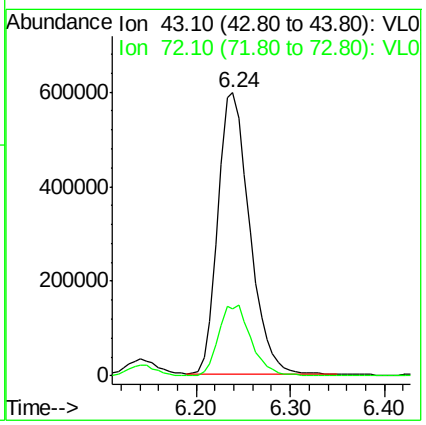


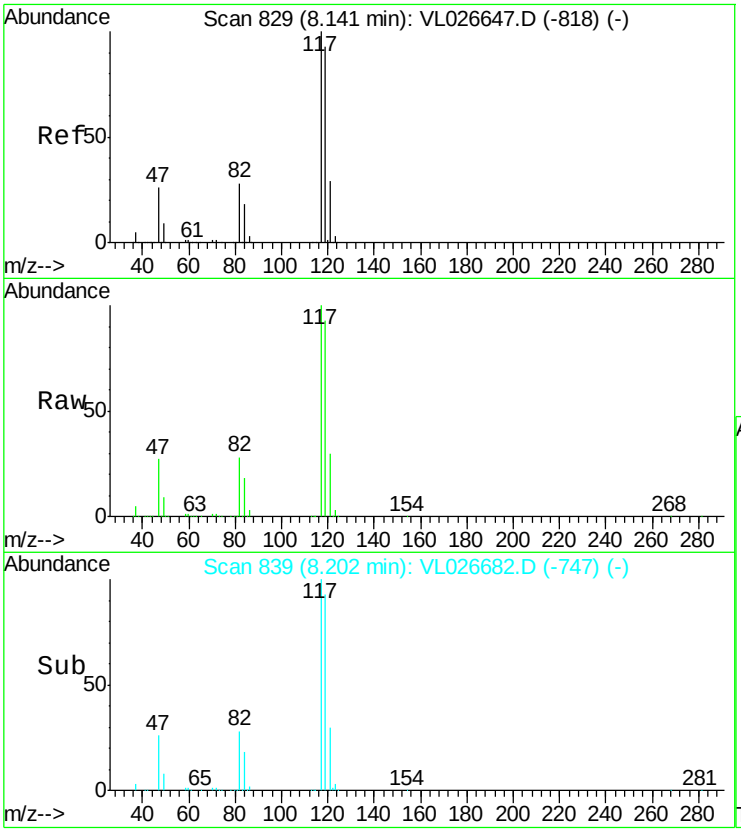


#34
2-Butanone
Concen: 10.21 ppbv
RT: 6.24 min Scan# 517
Delta R.T. 0.05 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion: 43 Resp: 1396837

Ion	Ratio	Lower	Upper
43	100		
72	26.1	20.9	31.3



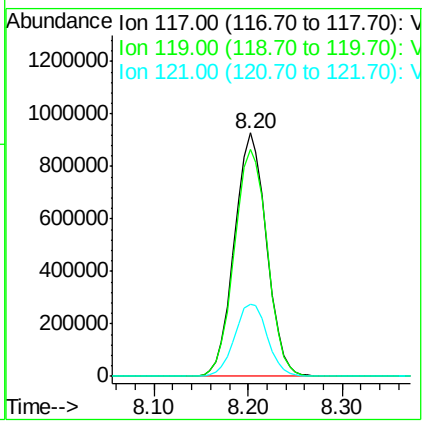


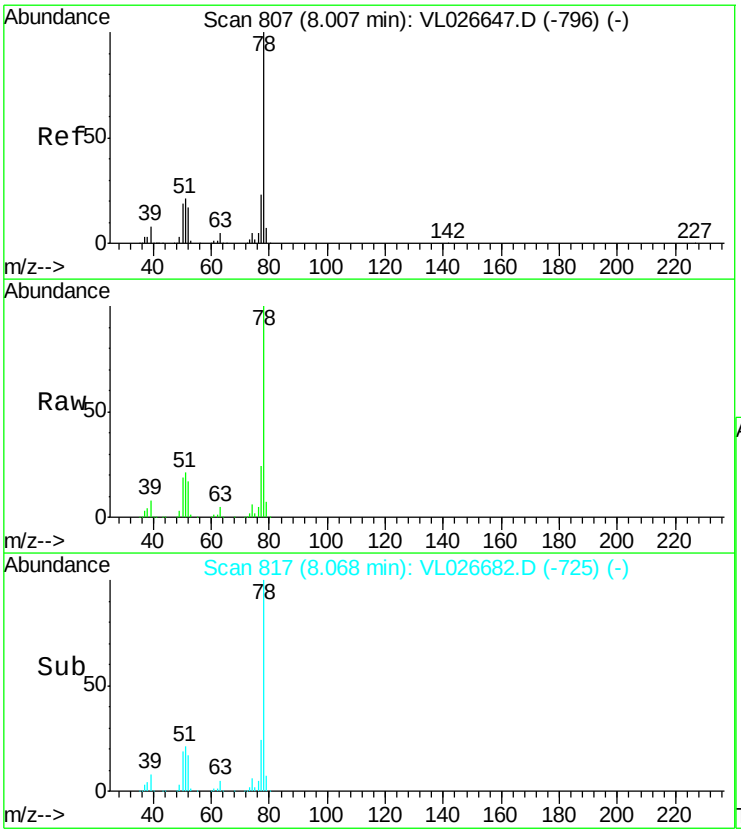
#35
Carbon Tetrachloride
Concen: 9.80 ppbv
RT: 8.20 min Scan# 839
Delta R.T. 0.06 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2212177

Ion	Ratio	Lower	Upper
117	100		
119	93.4	74.7	112.1
121	29.8	23.1	34.7

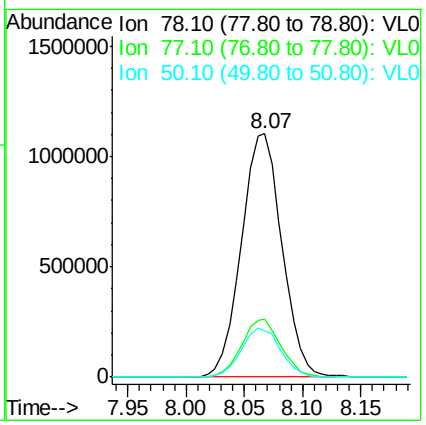


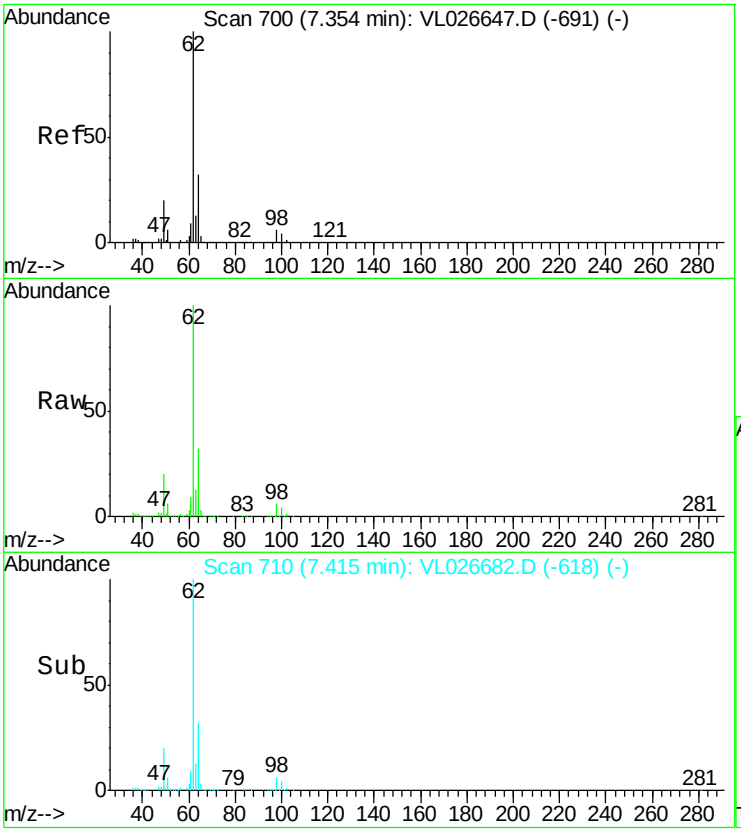


#36
Benzene
Concen: 10.11 ppbv
RT: 8.07 min Scan# 817
Delta R.T. 0.06 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion: 78 Resp: 2669555

Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.5	27.7
50	18.9	15.4	23.2



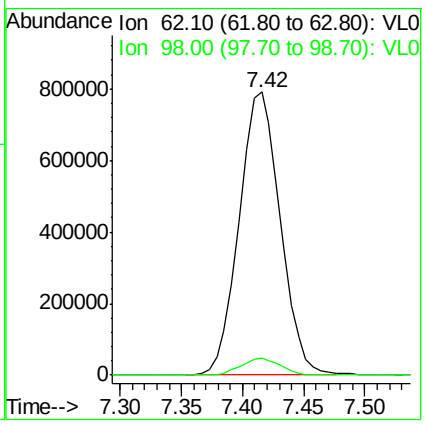


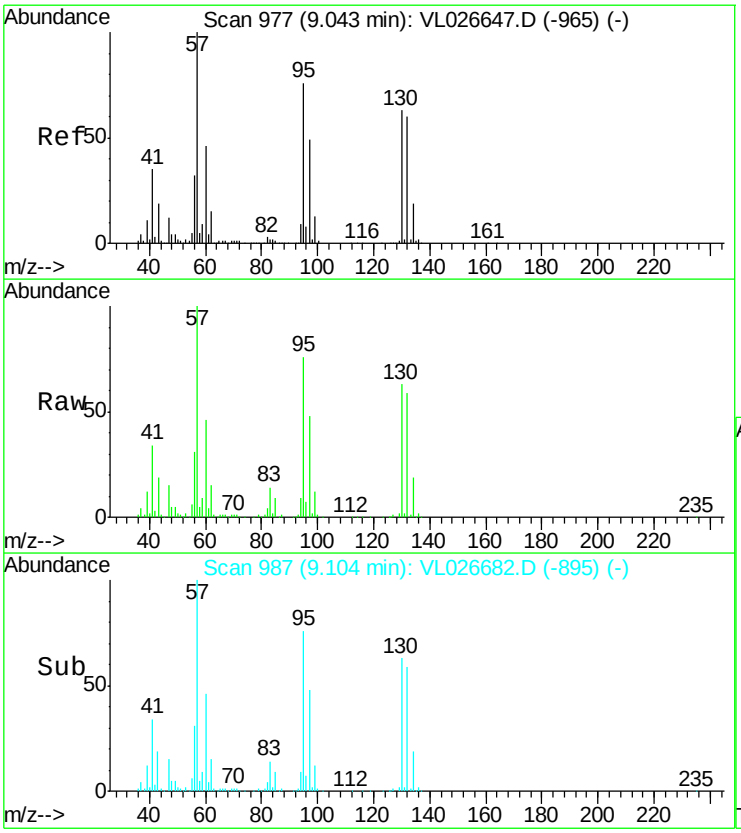
#37
1,2-Dichloroethane
Concen: 10.26 ppbv
RT: 7.42 min Scan# 710
Delta R.T. 0.06 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 62 Resp: 1852216

Ion	Ratio	Lower	Upper
62	100		
98	5.8	4.8	7.2

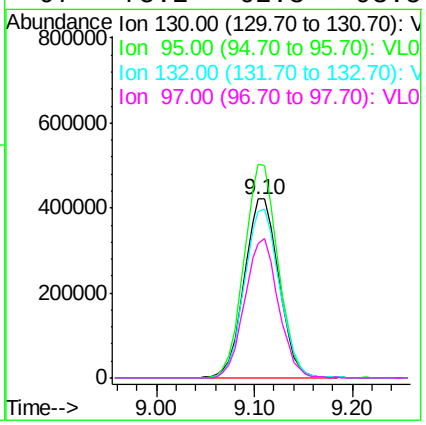


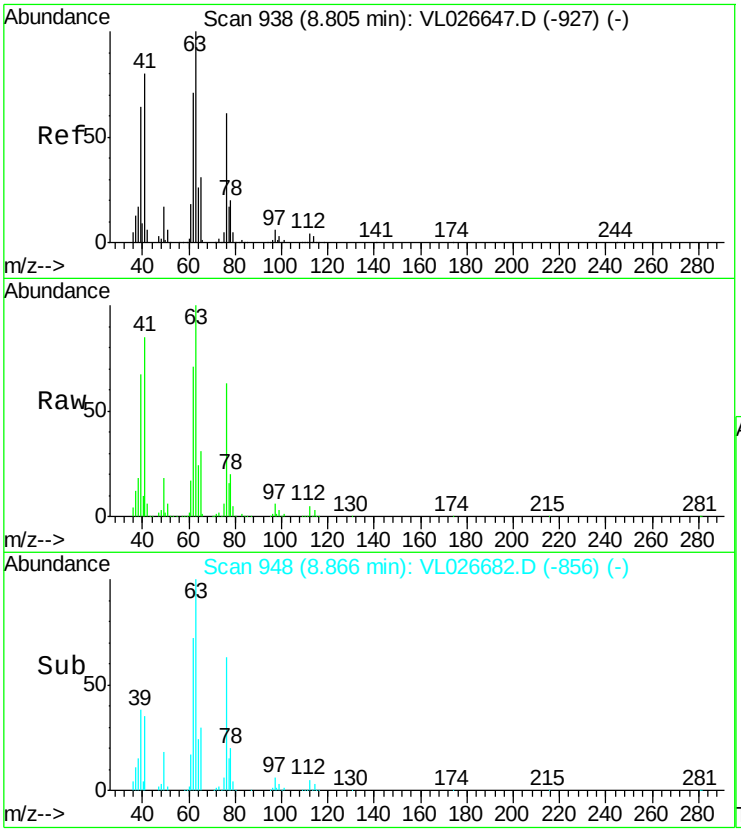


#38
Trichloroethene
Concen: 8.76 ppbv
RT: 9.10 min Scan# 987
Delta R.T. 0.06 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion:130 Resp: 1032129

Ion	Ratio	Lower	Upper
130	100		
95	119.4	96.6	145.0
132	92.9	76.2	114.4
97	75.2	62.3	93.5



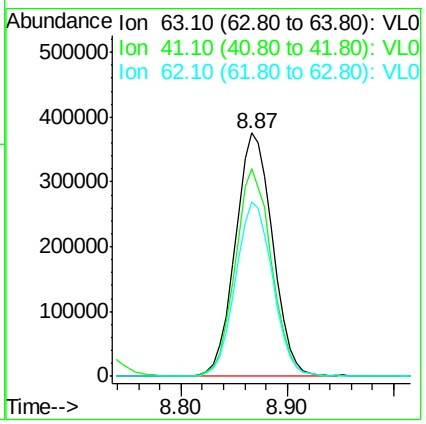


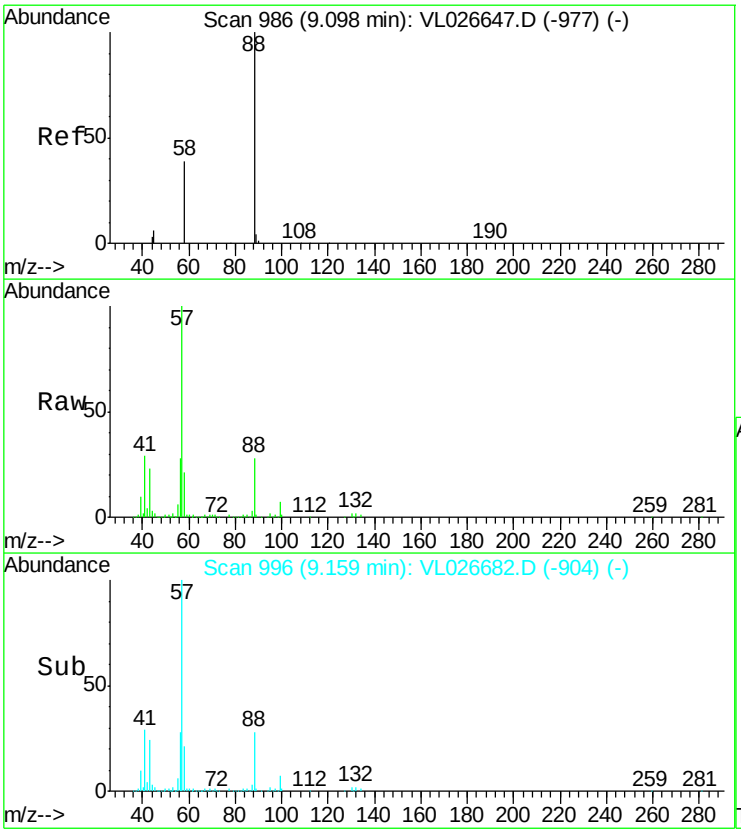
#39
1,2-Dichloropropane
Concen: 10.12 ppbv
RT: 8.87 min Scan# 948
Delta R.T. 0.06 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 923998

Ion	Ratio	Lower	Upper
63	100		
41	85.0	64.1	96.1
62	71.5	56.6	84.8

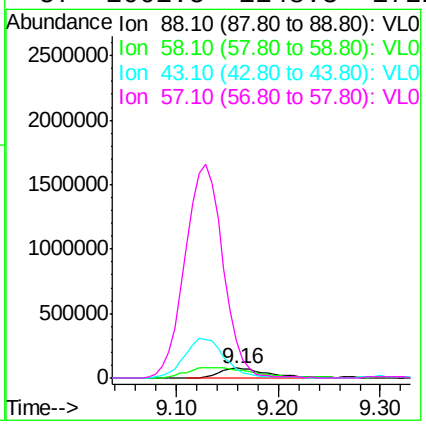


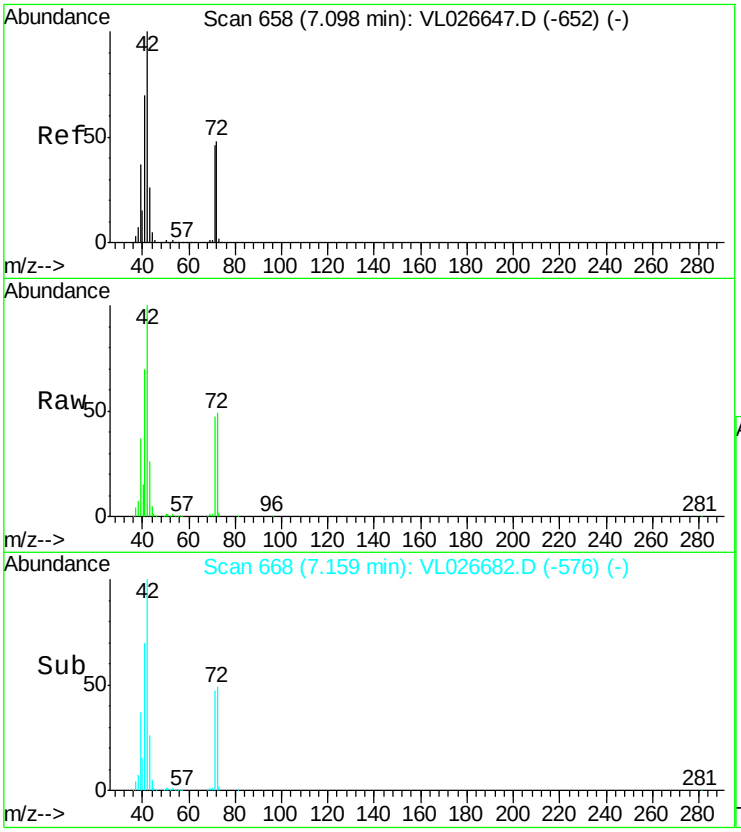


#40
1,4-Dioxane
Concen: 12.34 ppbv
RT: 9.16 min Scan# 996
Delta R.T. 0.06 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion: 88 Resp: 258955

Ion	Ratio	Lower	Upper
88	100		
58	142.9	109.4	164.2
43	331.2	238.2	357.2
57	1661.5	1148.3	1722.5



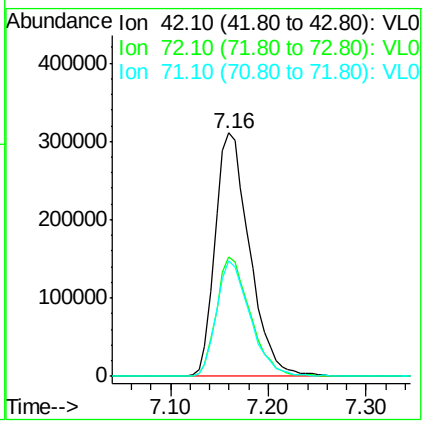


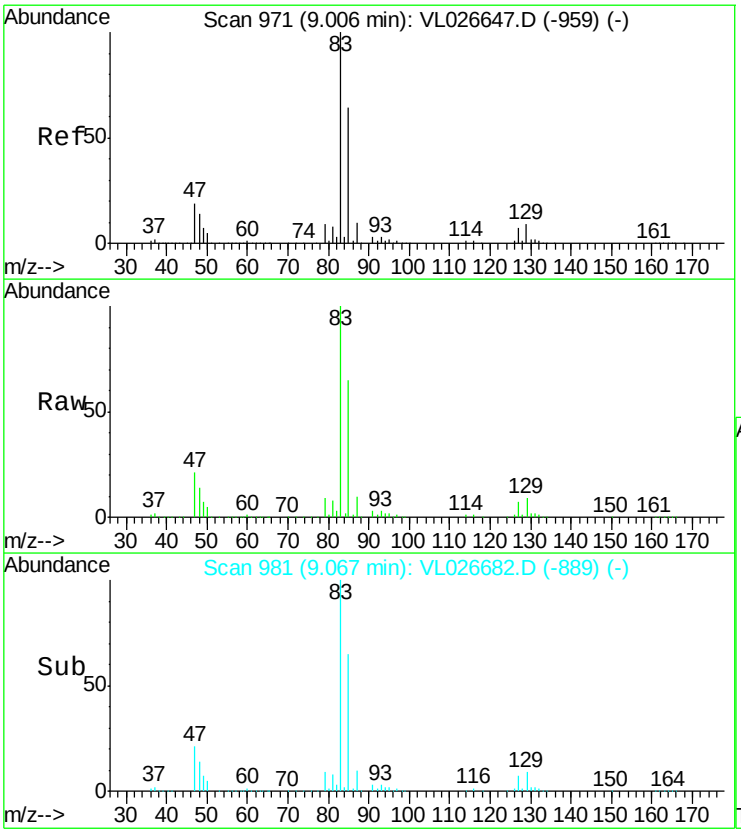
#41
Tetrahydrofuran
Concen: 11.19 ppbv
RT: 7.16 min Scan# 668
Delta R.T. 0.06 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 42 Resp: 757883

Ion	Ratio	Lower	Upper
42	100		
72	48.3	40.6	60.8
71	46.3	38.4	57.6

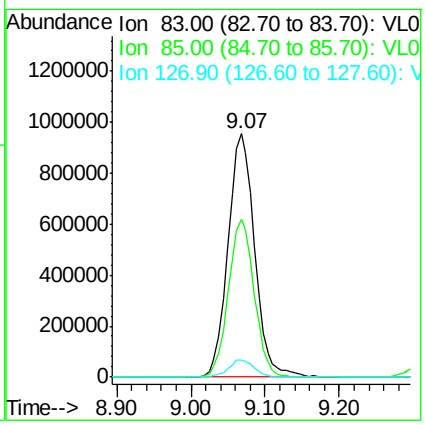


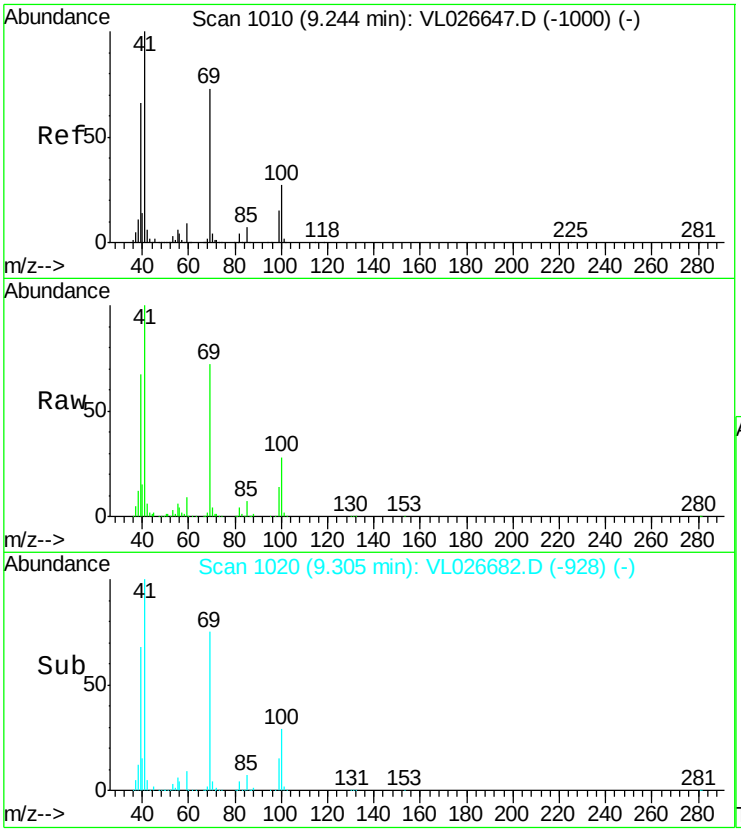


#42
Bromodichloromethane
Concen: 10.27 ppbv
RT: 9.07 min Scan# 981
Delta R.T. 0.06 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion: 83 Resp: 2396464

Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.9	76.3
127	7.1	5.5	8.3



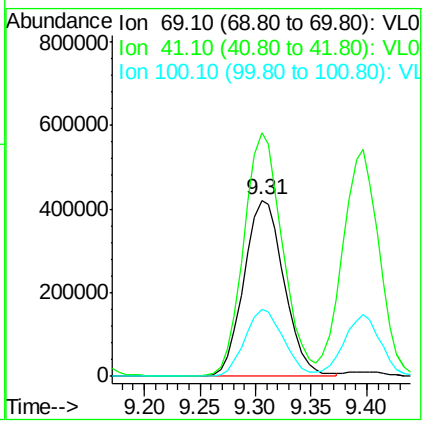


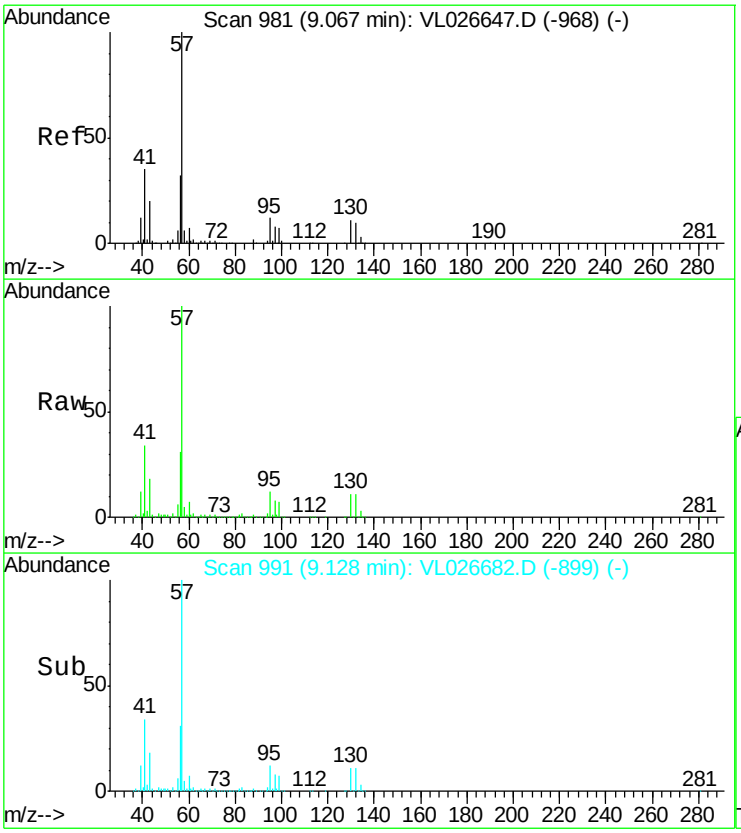
#43
Methyl Methacrylate
Concen: 10.98 ppbv
RT: 9.31 min Scan# 1020
Delta R.T. 0.06 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 69 Resp: 1059303

Ion	Ratio	Lower	Upper
69	100		
41	134.5	106.1	159.1
100	37.3	29.0	43.4

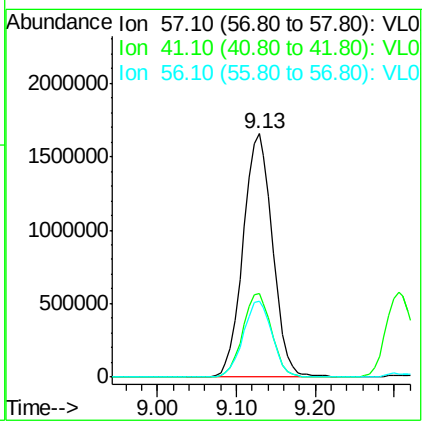


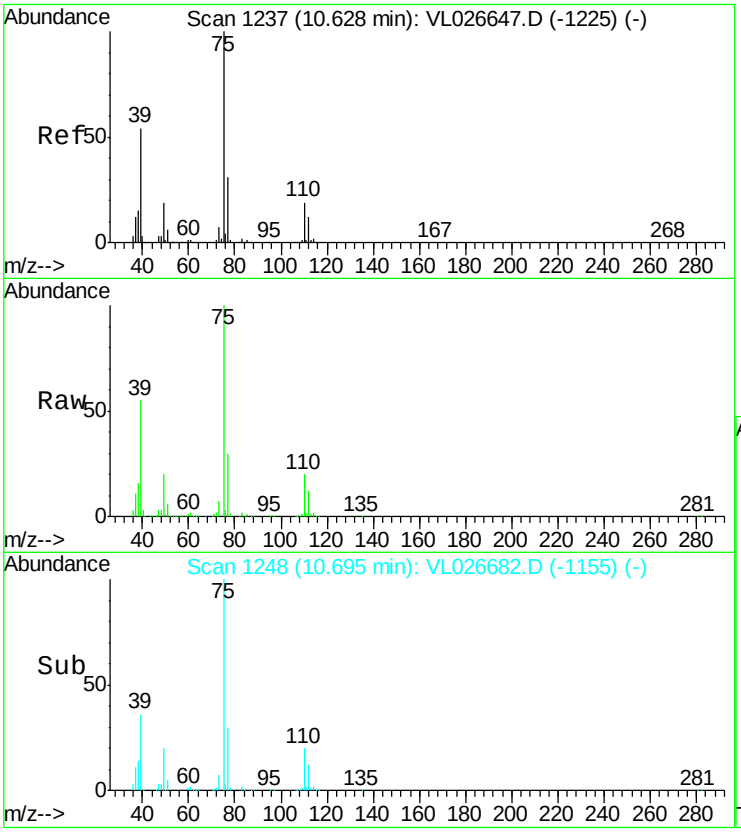


#44
2,2,4-Trimethylpentane
Concen: 10.07 ppbv
RT: 9.13 min Scan# 991
Delta R.T. 0.06 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion: 57 Resp: 4292467

Ion	Ratio	Lower	Upper
57	100		
41	33.6	26.9	40.3
56	30.8	25.4	38.0



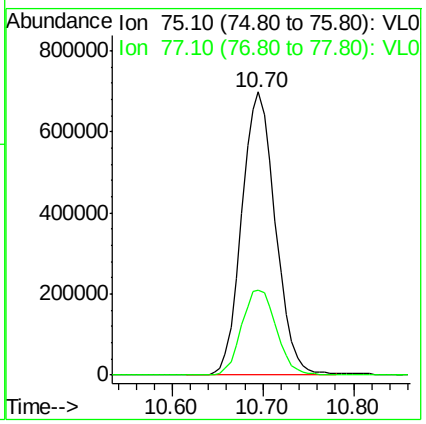


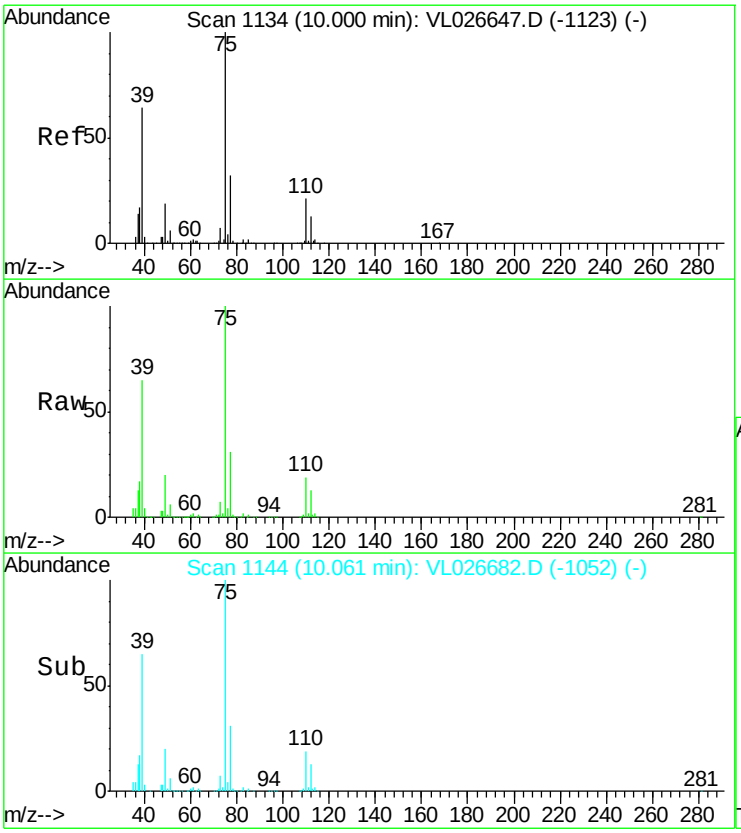
#45
t-1,3-Dichloropropene
Concen: 11.48 ppbv
RT: 10.70 min Scan# 1248
Delta R.T. 0.07 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 75 Resp: 1793193

Ion	Ratio	Lower	Upper
75	100		
77	29.9	24.6	37.0

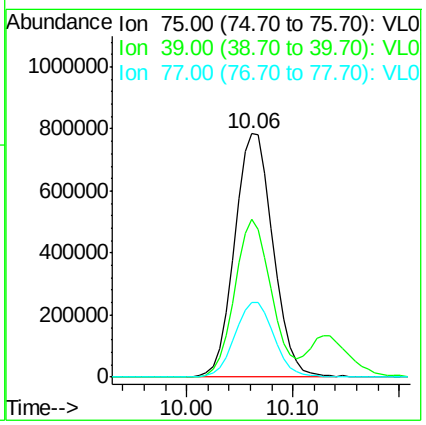


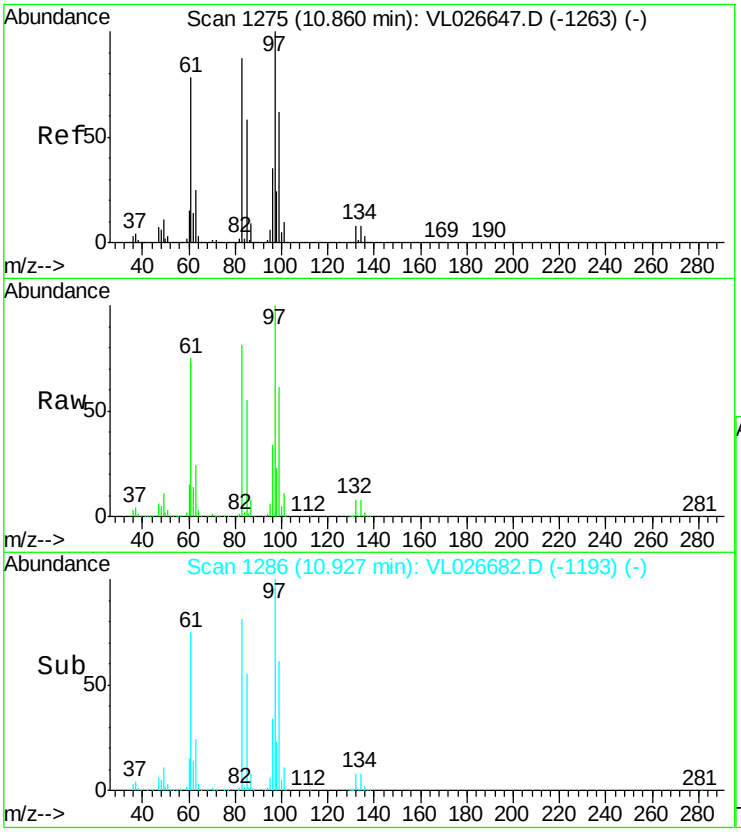


#46
cis-1,3-Dichloropropene
Concen: 11.22 ppbv
RT: 10.06 min Scan# 1144
Delta R.T. 0.06 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion: 75 Resp: 1992202

Ion	Ratio	Lower	Upper
75	100		
39	64.9	51.2	76.8
77	30.8	25.9	38.9



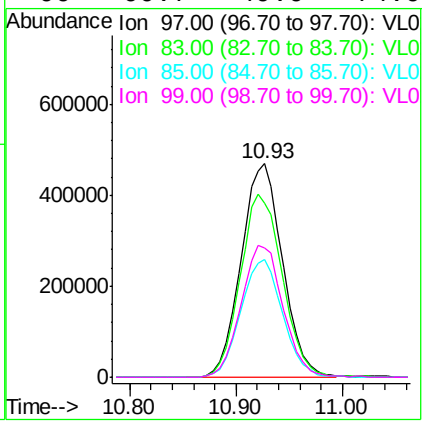


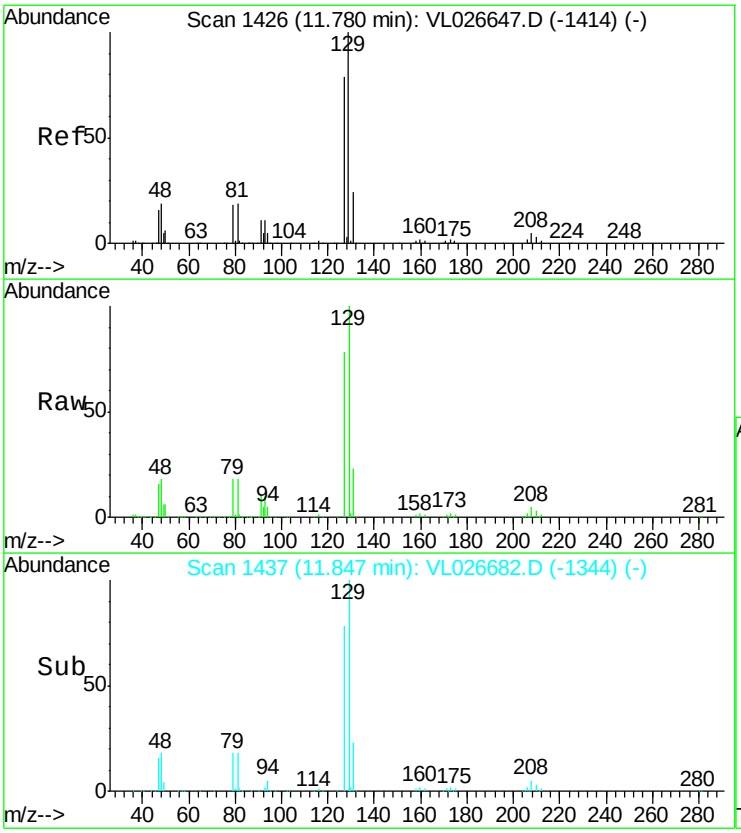
#47
1,1,2-Trichloroethane
Concen: 9.82 ppbv
RT: 10.93 min Scan# 1286
Delta R.T. 0.07 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 97 Resp: 1278559

Ion	Ratio	Lower	Upper
97	100		
83	81.5	69.5	104.3
85	54.9	46.4	69.6
99	60.7	49.9	74.9

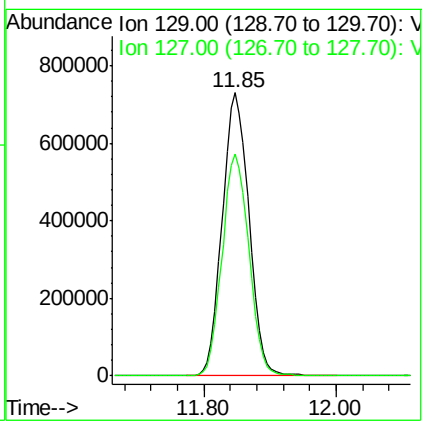


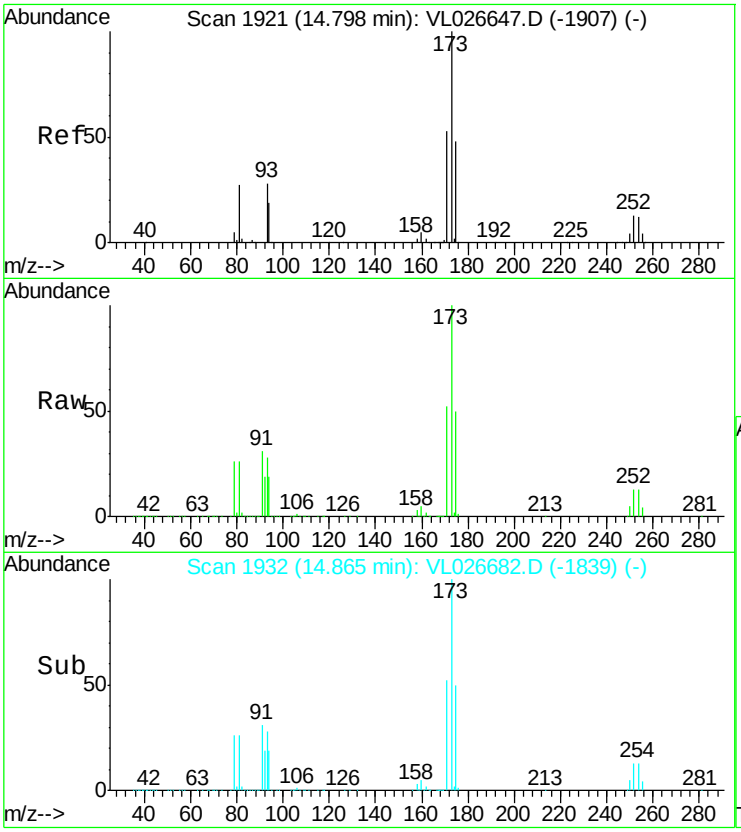


#48
Dibromochloromethane
Concen: 10.49 ppbv
RT: 11.85 min Scan# 1437
Delta R.T. 0.07 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion:129 Resp: 2047831

Ion	Ratio	Lower	Upper
129	100		
127	78.9	39.5	118.5



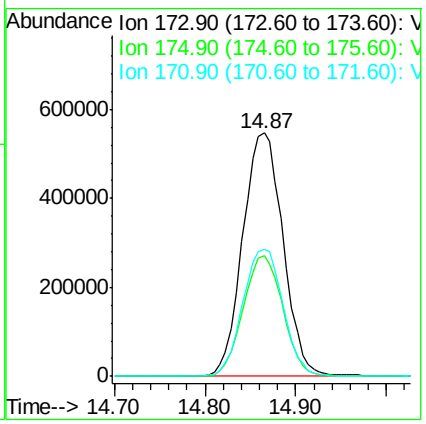


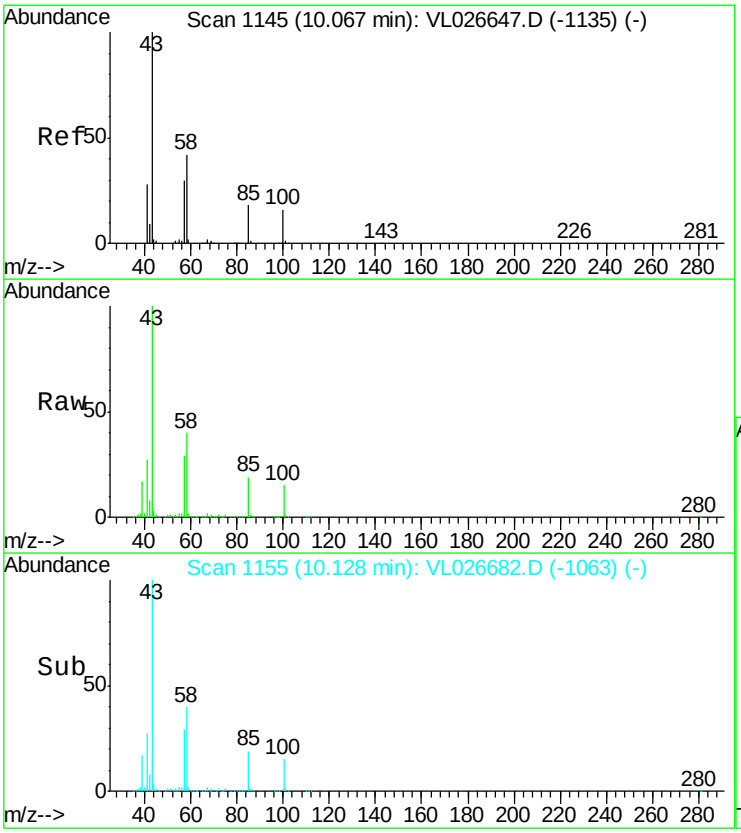
#49
Bromoform
Concen: 10.55 ppbv
RT: 14.87 min Scan# 1932
Delta R.T. 0.07 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:173 Resp: 1680939

Ion	Ratio	Lower	Upper
173	100		
175	49.1	38.6	58.0
171	52.6	41.5	62.3

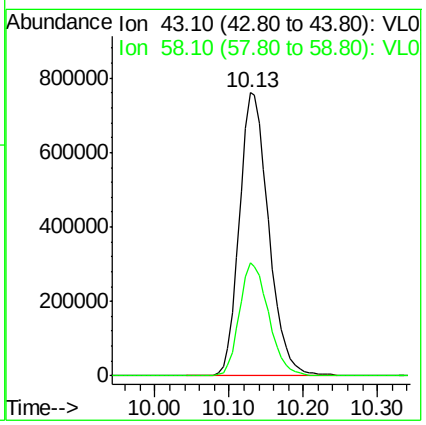


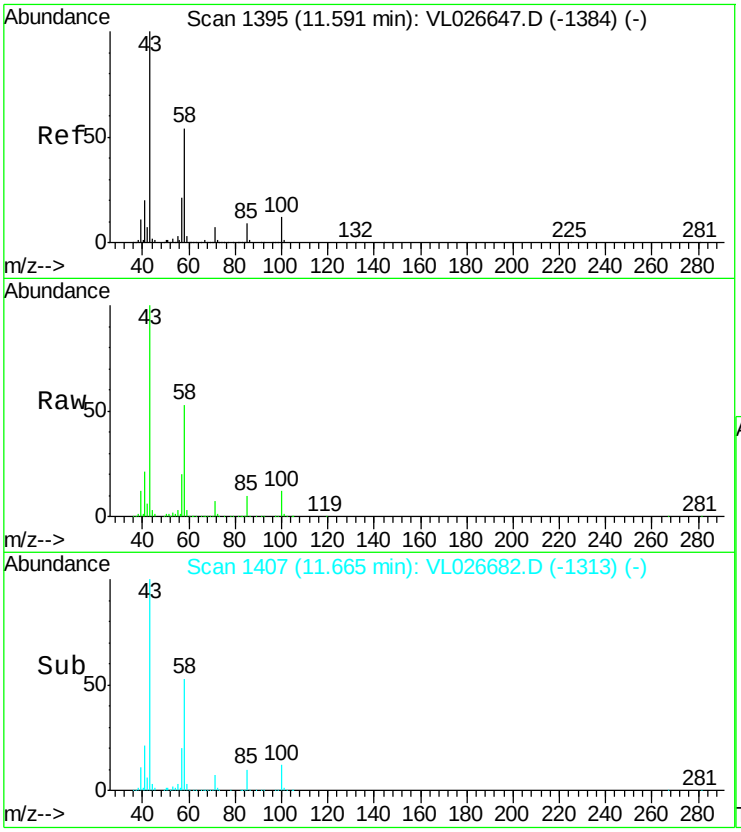


#50
4-Methyl-2-Pentanone
Concen: 10.96 ppbv
RT: 10.13 min Scan# 1155
Delta R.T. 0.06 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion: 43 Resp: 2107560

Ion	Ratio	Lower	Upper
43	100		
58	39.8	32.4	48.6



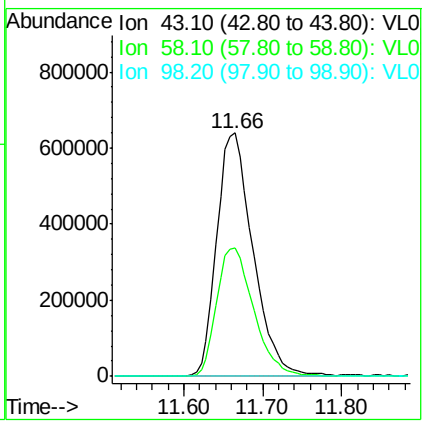


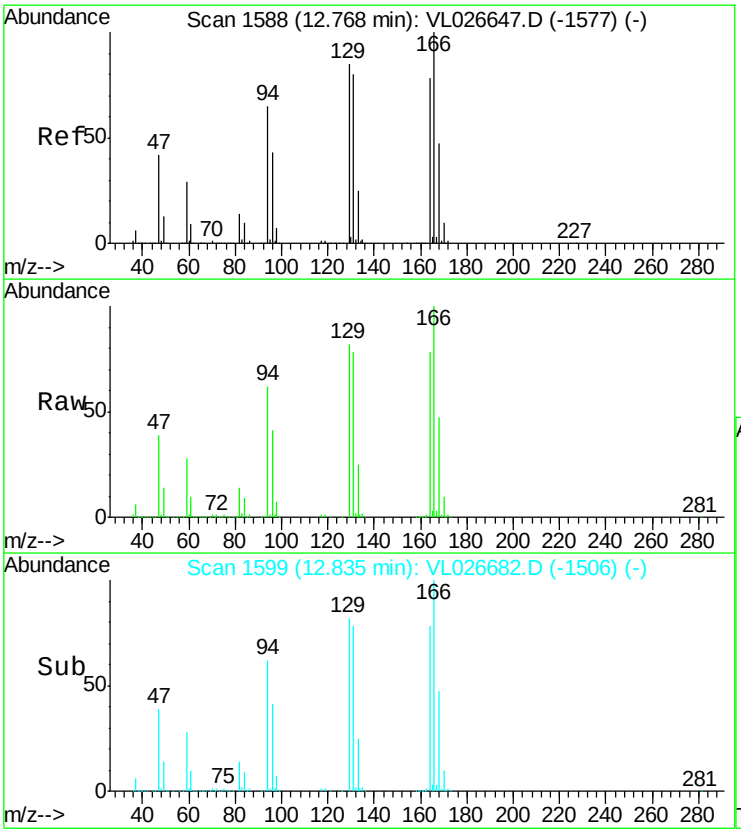
#51
2-Hexanone
Concen: 11.51 ppbv
RT: 11.66 min Scan# 1407
Delta R.T. 0.07 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 2039474

Ion	Ratio	Lower	Upper
43	100		
58	54.4	44.9	67.3
98	0.2	0.2	0.2

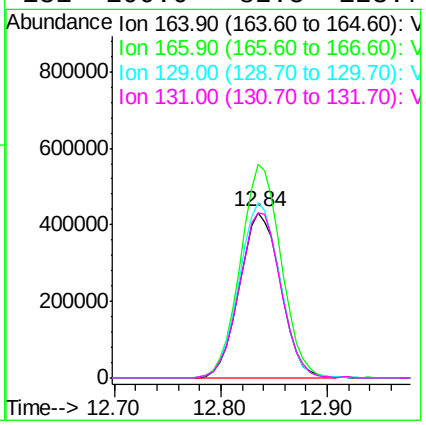


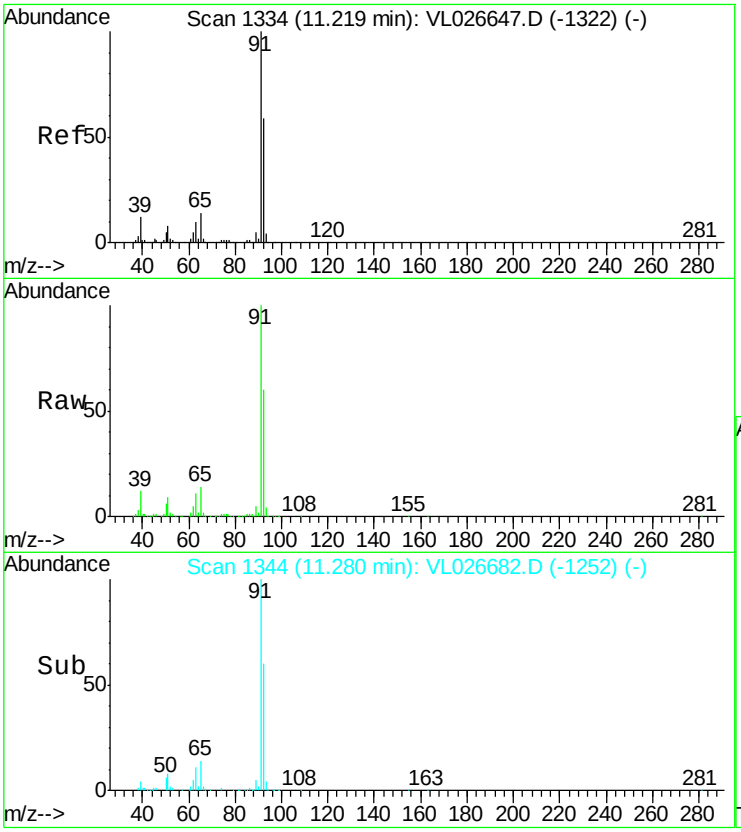


#52
Tetrachloroethene
Concen: 8.88 ppbv
RT: 12.84 min Scan# 1599
Delta R.T. 0.07 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion:164 Resp: 1171939

Ion	Ratio	Lower	Upper
164	100		
166	129.0	102.5	153.7
129	106.0	87.0	130.6
131	100.0	82.5	123.7



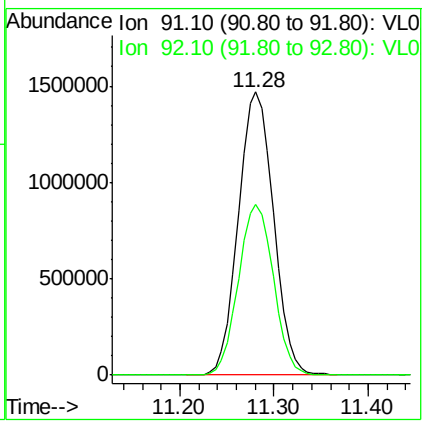


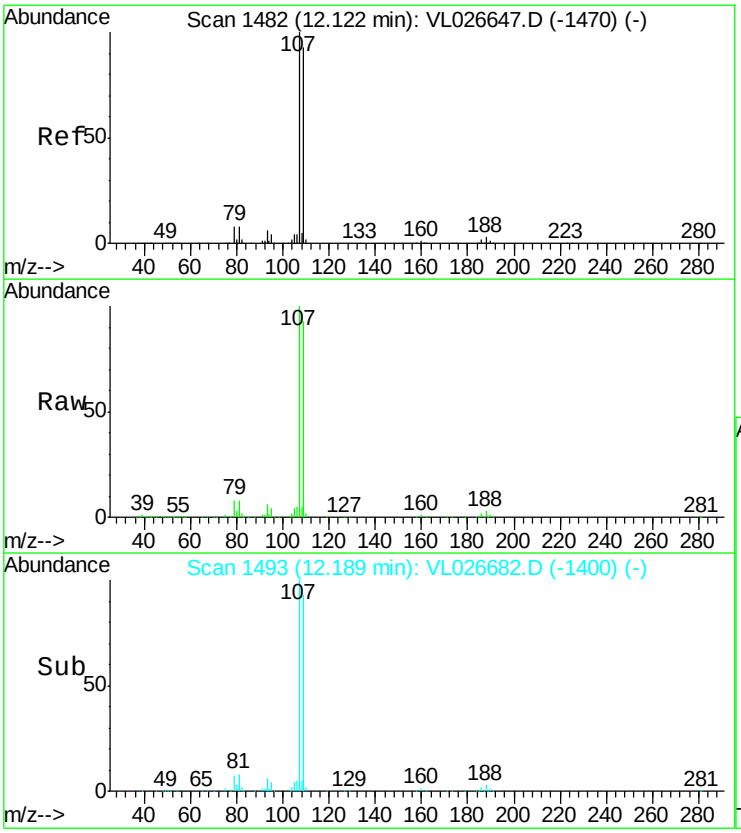
#53
Toluene
Concen: 10.30 ppbv
RT: 11.28 min Scan# 1344
Delta R.T. 0.06 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 3832478

Ion	Ratio	Lower	Upper
91	100		
92	60.3	48.2	72.4

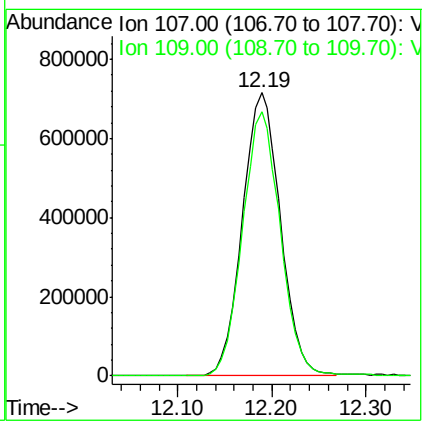


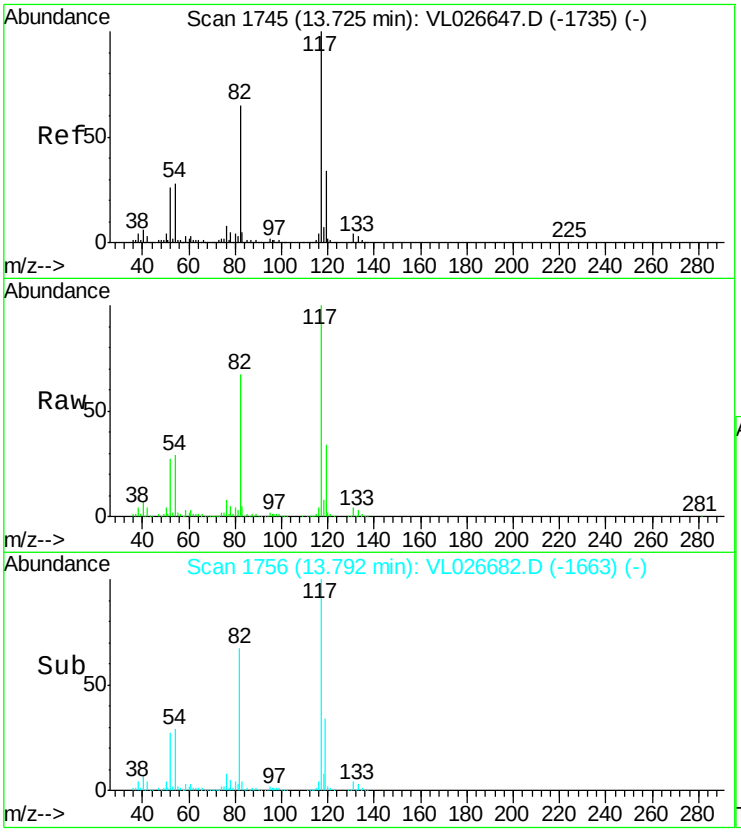


#54
1,2-Dibromoethane
Concen: 9.83 ppbv
RT: 12.19 min Scan# 1493
Delta R.T. 0.07 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion:107 Resp: 2024606

Ion	Ratio	Lower	Upper
107	100		
109	93.3	74.1	111.1



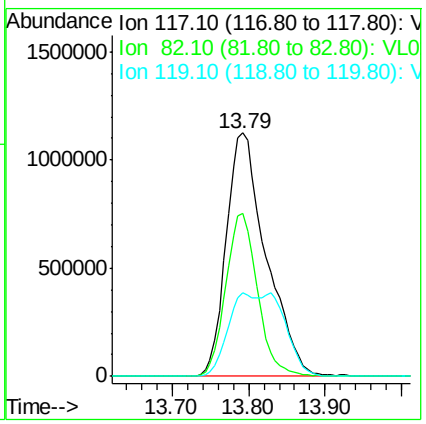


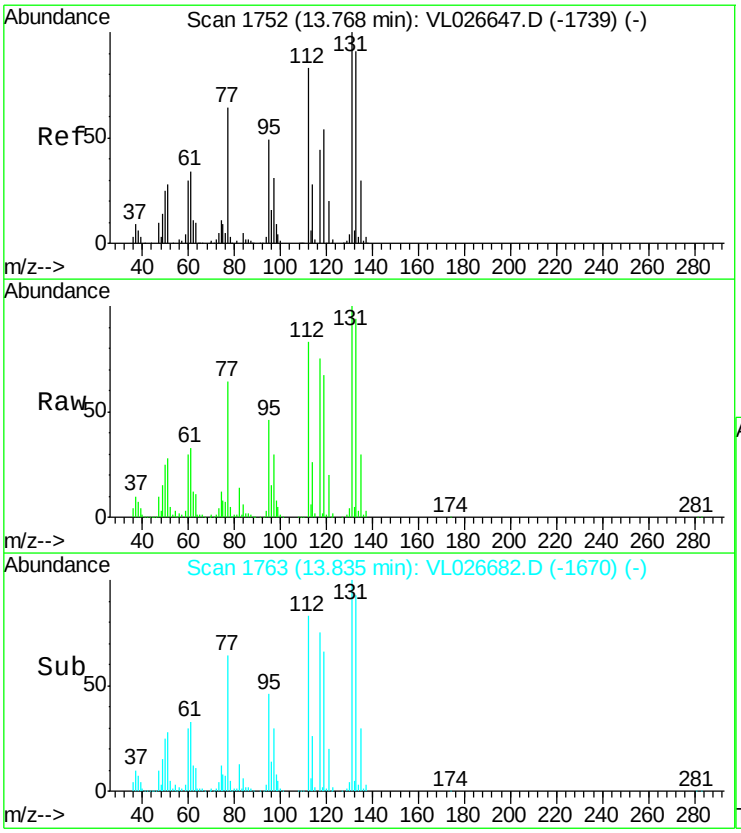
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.79 min Scan# 1756
Delta R.T. 0.07 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 4072725

Ion	Ratio	Lower	Upper
117	100		
82	53.3	49.7	74.5
119	48.0	43.8	65.8

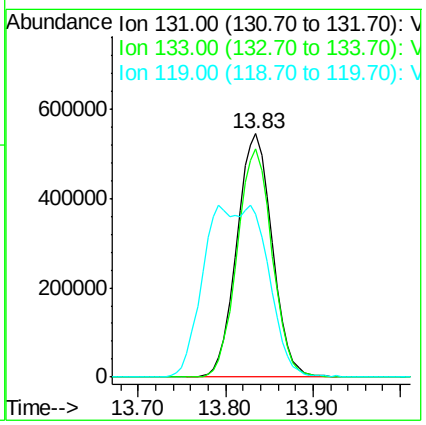


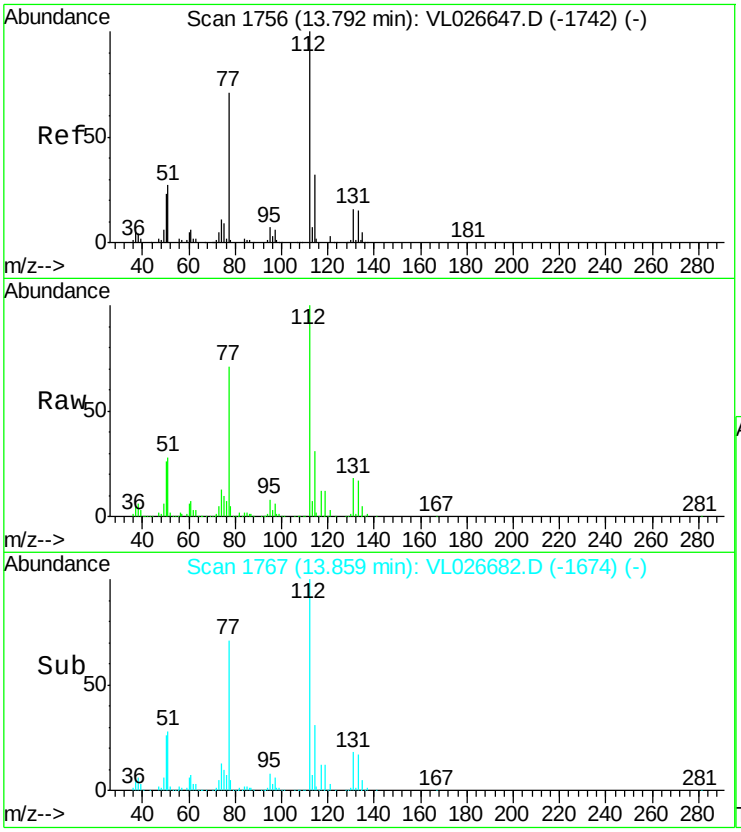


#56
1,1,1,2-Tetrachloroethane
Concen: 8.18 ppbv
RT: 13.83 min Scan# 1763
Delta R.T. 0.07 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion:131 Resp: 1533003

Ion	Ratio	Lower	Upper
131	100		
133	93.3	76.2	114.4
119	127.2	104.3	156.5



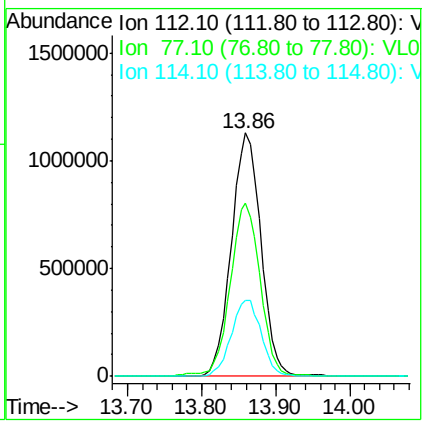


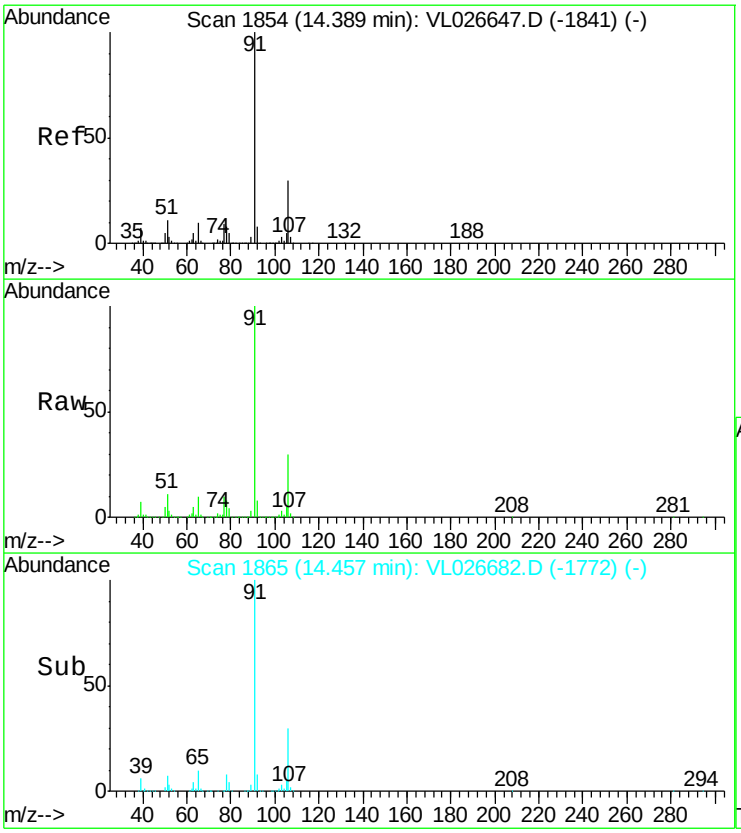
#57
Chlorobenzene
Concen: 7.54 ppbv
RT: 13.86 min Scan# 1767
Delta R.T. 0.07 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:112 Resp: 3160312

Ion	Ratio	Lower	Upper
112	100		
77	71.0	56.9	85.3
114	31.2	28.8	35.2

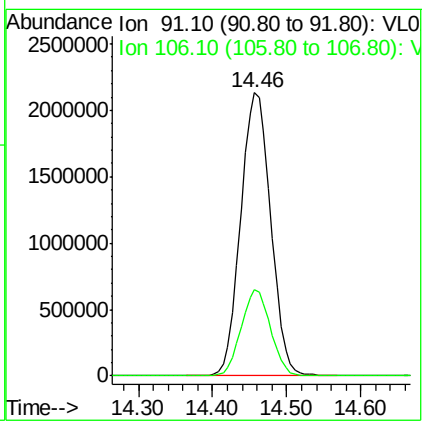


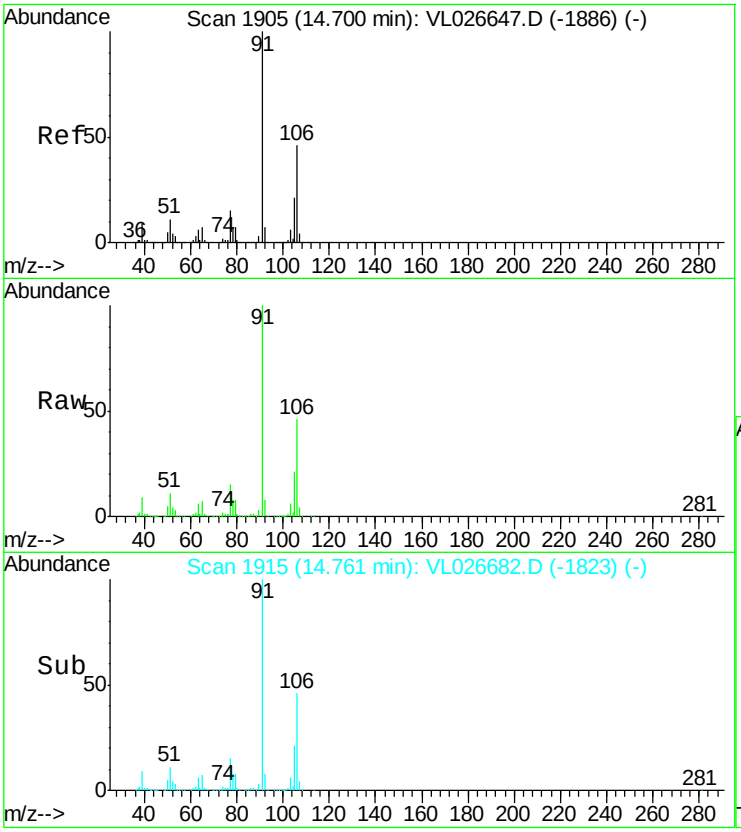


#58
Ethyl Benzene
Concen: 8.32 ppbv
RT: 14.46 min Scan# 1865
Delta R.T. 0.07 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion: 91 Resp: 6052254

Ion	Ratio	Lower	Upper
91	100		
106	30.4	23.8	35.6



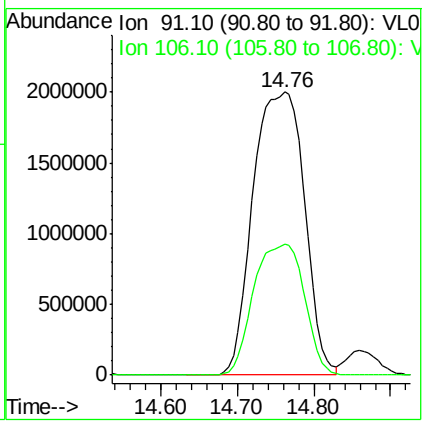


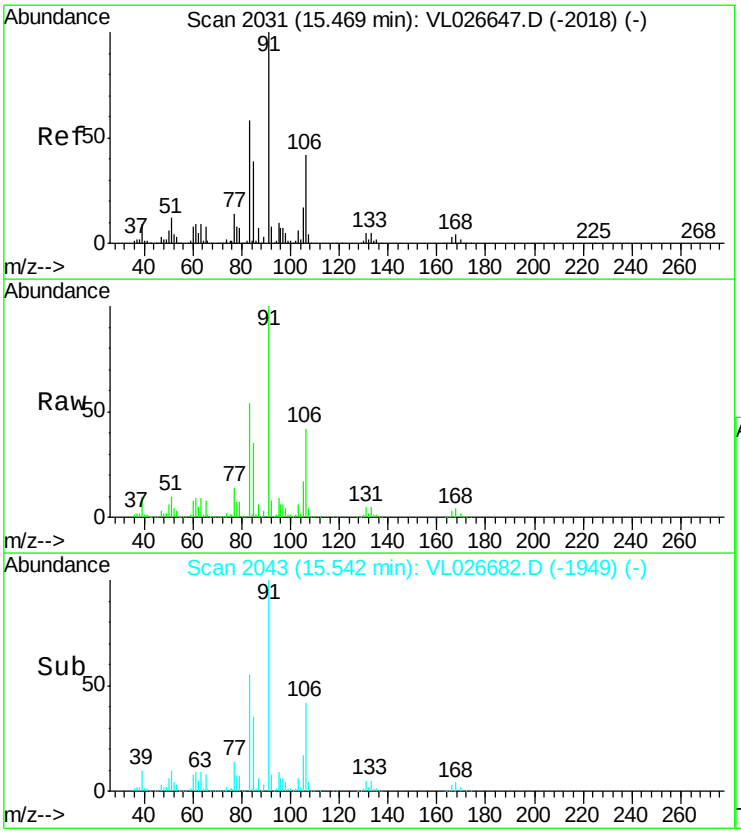
#59
m/p-Xylene
Concen: 15.56 ppbv
RT: 14.76 min Scan# 1915
Delta R.T. 0.06 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 9329271

Ion	Ratio	Lower	Upper
91	100		
106	45.9	36.6	55.0

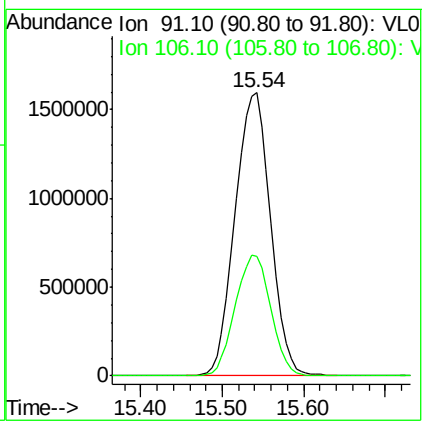


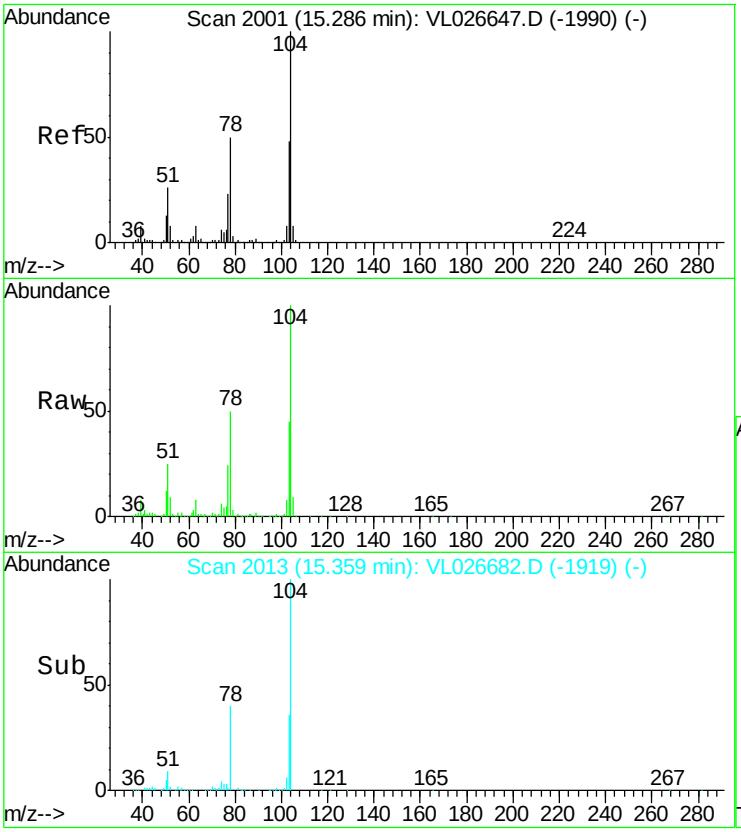


#60
o-Xylene
Concen: 7.42 ppbv
RT: 15.54 min Scan# 2043
Delta R.T. 0.07 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion: 91 Resp: 4804259

Ion	Ratio	Lower	Upper
91	100		
106	43.3	21.5	64.5



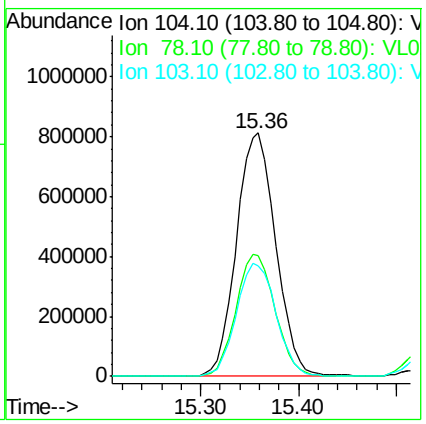


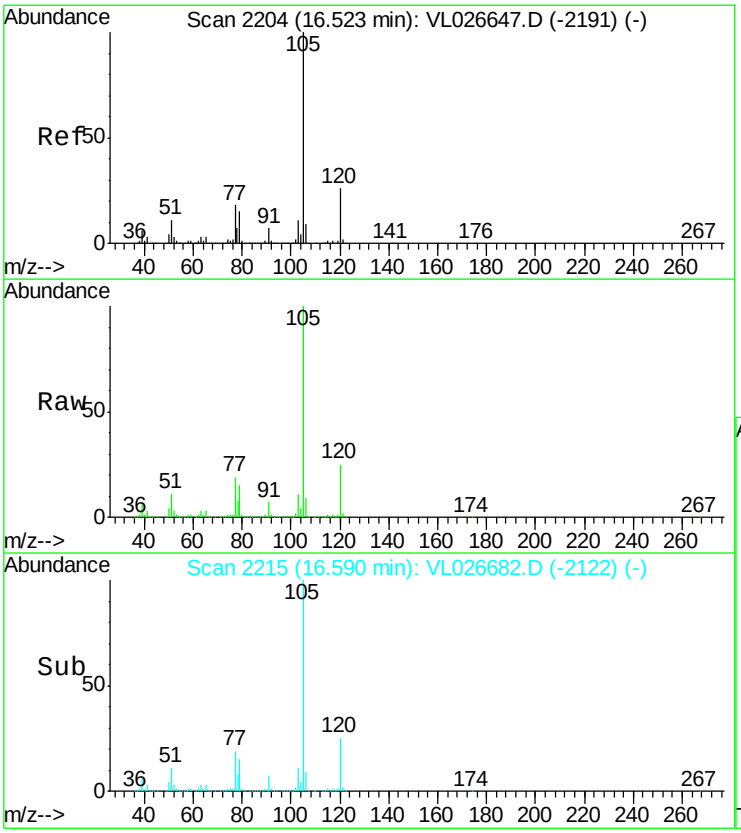
#61
Stvrene
Concen: 8.95 ppbv
RT: 15.36 min Scan# 2013
Delta R.T. 0.07 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:104 Resp: 2265582

Ion	Ratio	Lower	Upper
104	100		
78	50.0	39.6	59.4
103	47.1	37.8	56.6

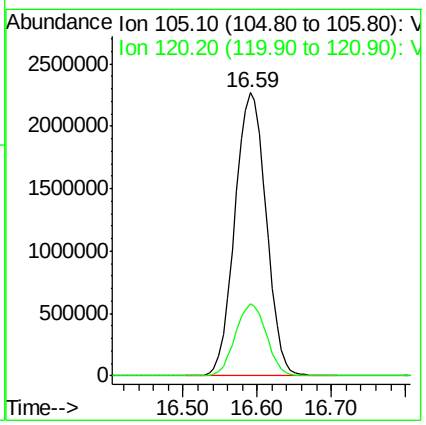


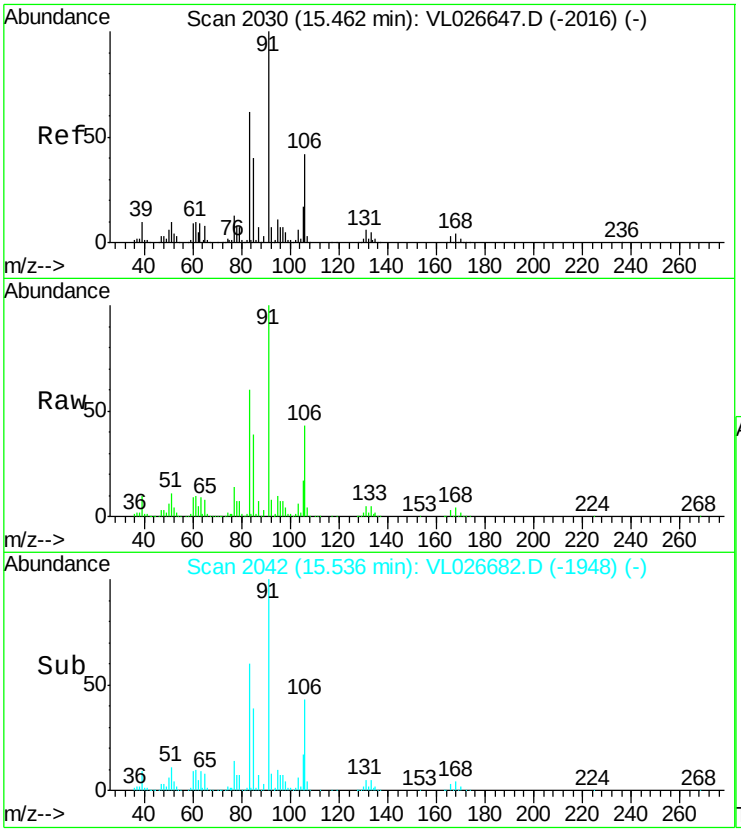


#62
Isopropylbenzene
Concen: 7.81 ppbv
RT: 16.59 min Scan# 2215
Delta R.T. 0.07 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion:105 Resp: 6702054

Ion	Ratio	Lower	Upper
105	100		
120	25.4	20.3	30.5



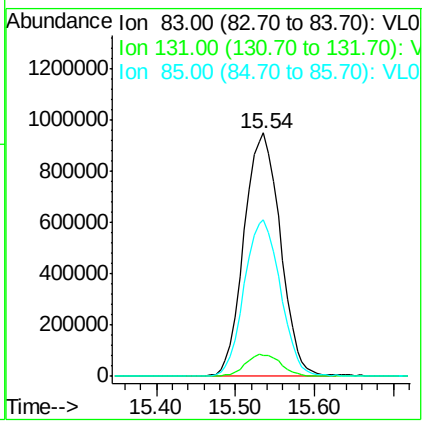


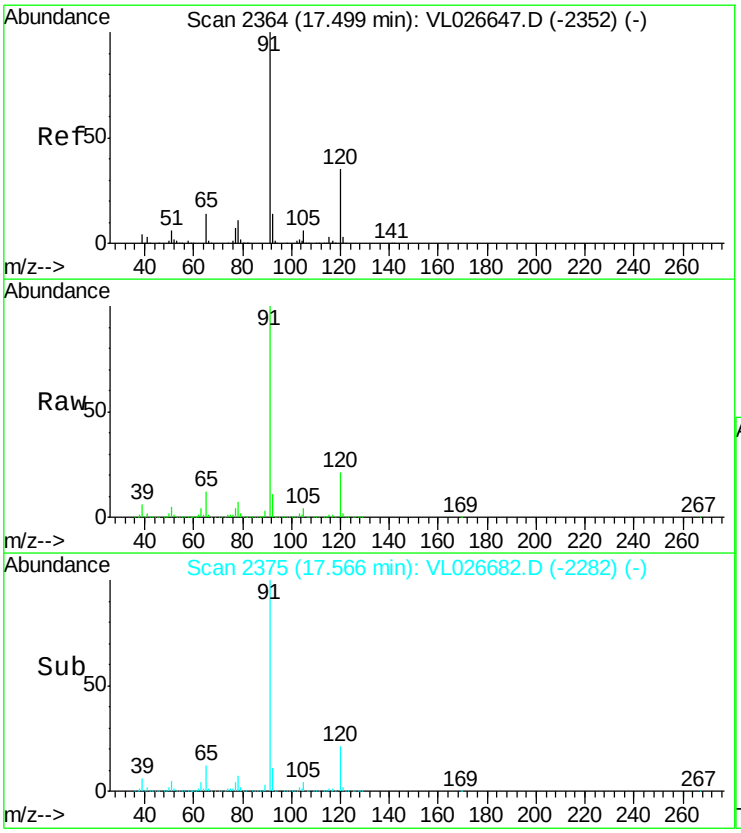
#63
1,1,2,2-Tetrachloroethane
Concen: 6.28 ppbv
RT: 15.54 min Scan# 2042
Delta R.T. 0.07 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 3034477

Ion	Ratio	Lower	Upper
83	100		
131	8.9	4.5	13.4
85	64.4	32.6	97.7

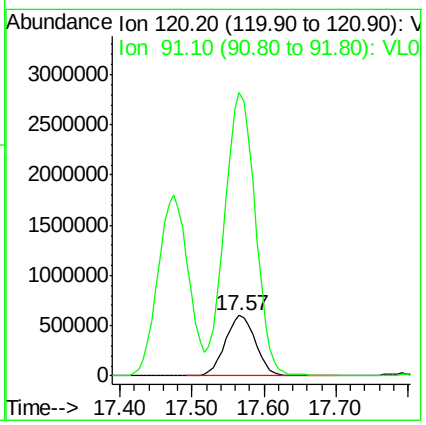


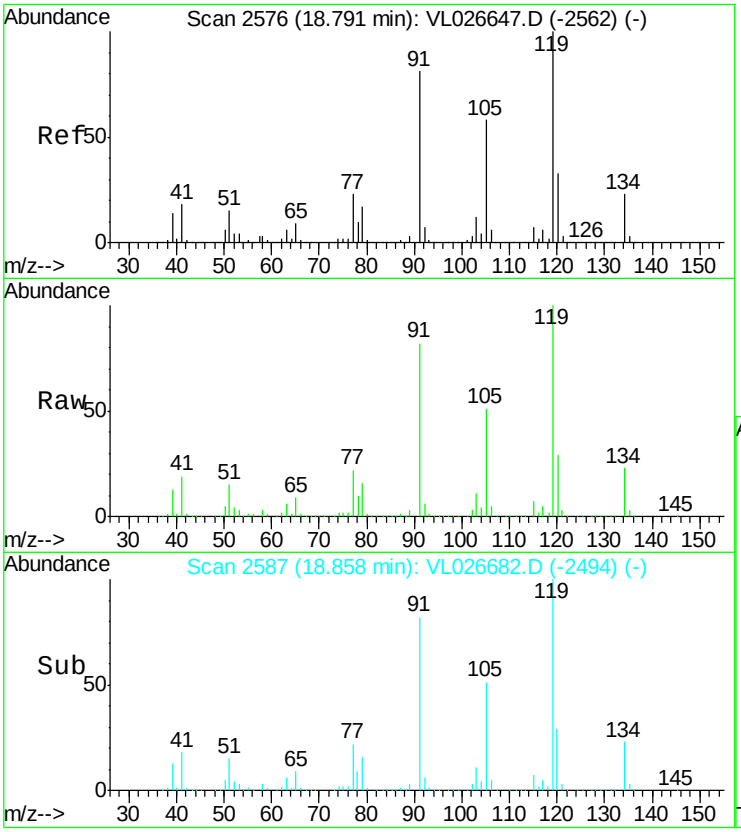


#64
n-propylbenzene
Concen: 7.62 ppbv
RT: 17.57 min Scan# 2375
Delta R.T. 0.07 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion:120 Resp: 1753340

Ion	Ratio	Lower	Upper
120	100		
91	471.7	375.8	563.6



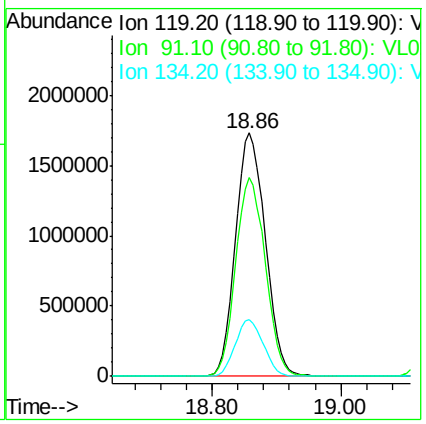


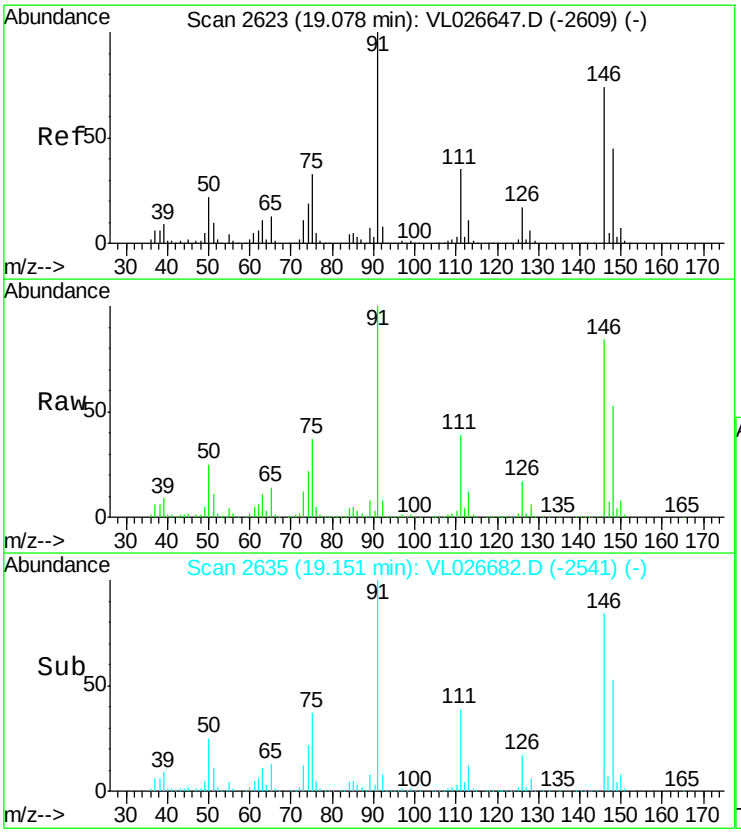
#65
tert-Butylbenzene
Concen: 7.05 ppbv
RT: 18.86 min Scan# 2587
Delta R.T. 0.07 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:119 Resp: 5542444

Ion	Ratio	Lower	Upper
119	100		
91	81.1	64.8	97.2
134	22.2	17.4	26.0

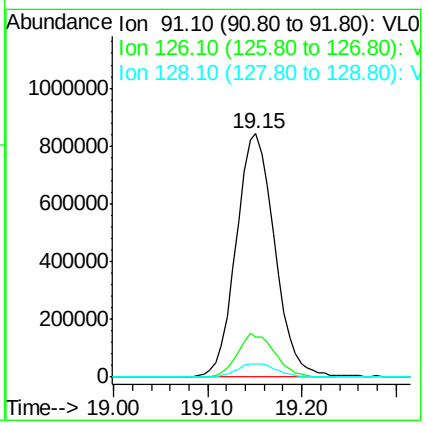


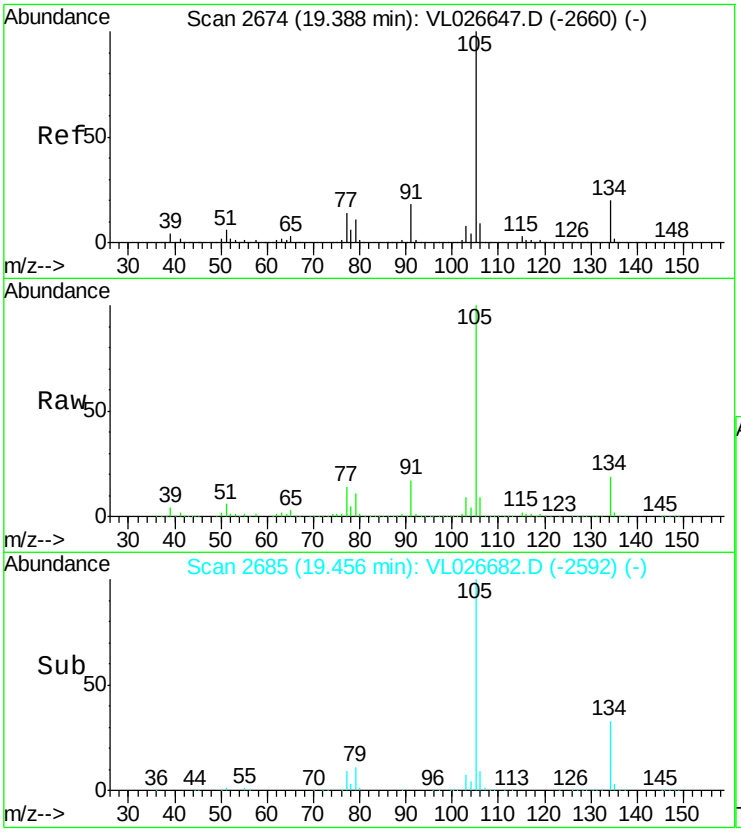


#66
Benzyl Chloride
Concen: 8.51 ppbv
RT: 19.15 min Scan# 2635
Delta R.T. 0.07 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion: 91 Resp: 2390393

Ion	Ratio	Lower	Upper
91	100		
126	17.5	14.2	21.2
128	5.7	4.5	6.7



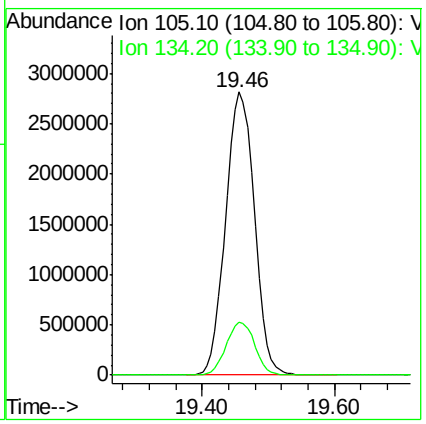


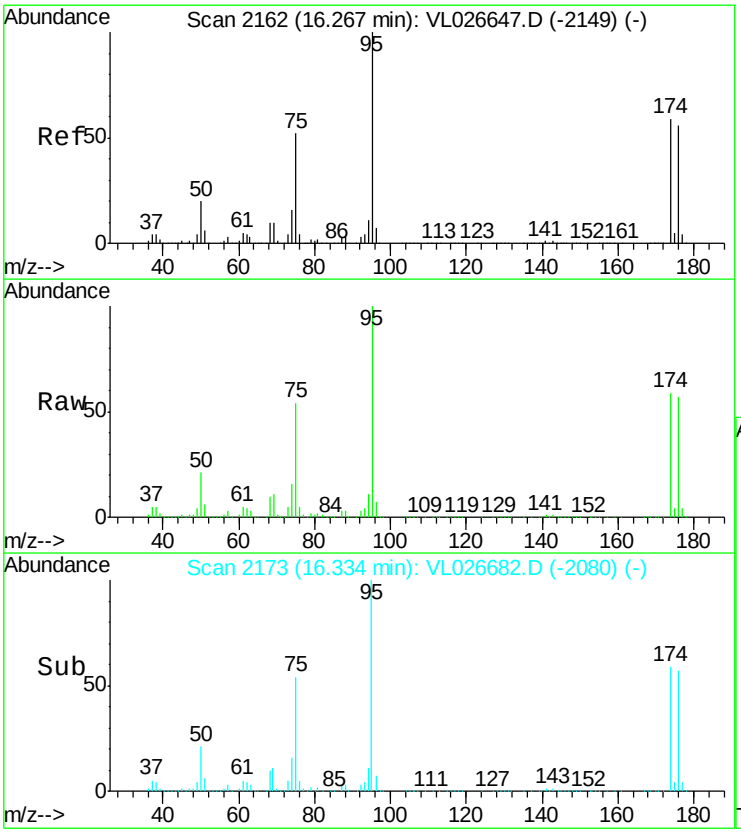
#67
sec-Butylbenzene
Concen: 7.30 ppbv
RT: 19.46 min Scan# 2685
Delta R.T. 0.07 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 8508226

Ion	Ratio	Lower	Upper
105	100		
134	18.7	14.9	22.3

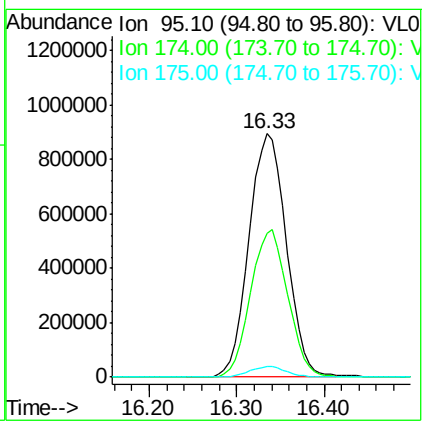


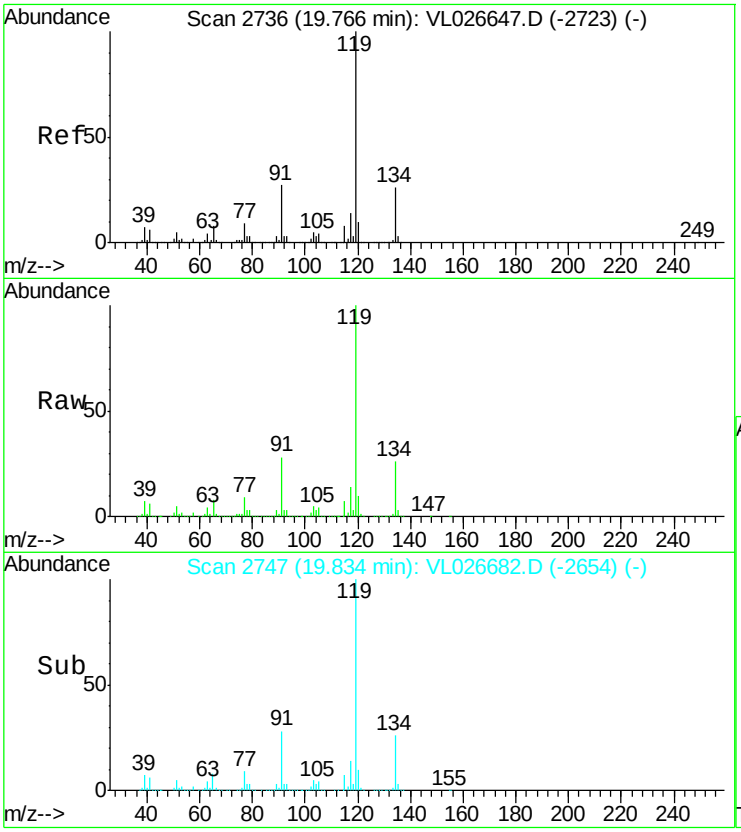


#68
1-Bromo-4-Fluorobenzene
Concen: 8.19 ppbv
RT: 16.33 min Scan# 2173
Delta R.T. 0.07 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion: 95 Resp: 2659622

Ion	Ratio	Lower	Upper
95	100		
174	60.6	47.8	71.8
175	4.4	3.6	5.4



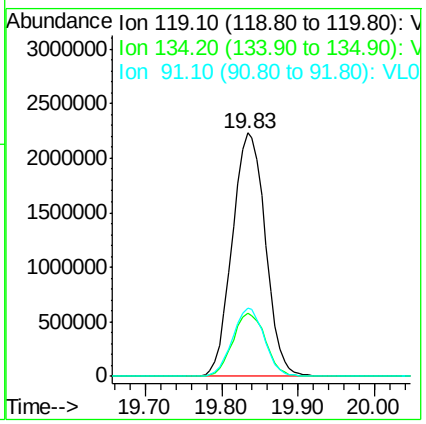


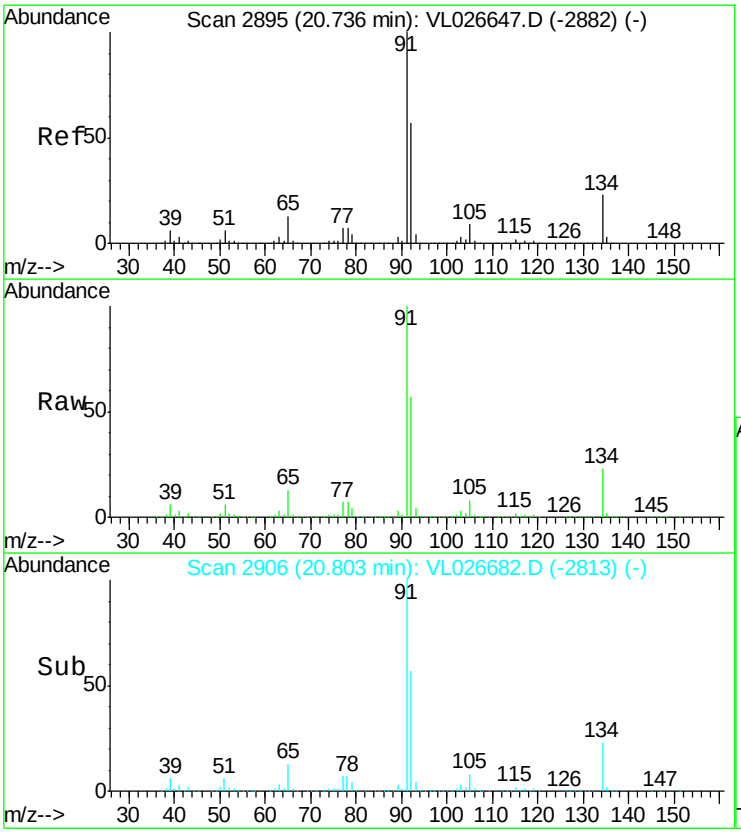
#69
p-Isopropyltoluene
Concen: 7.50 ppbv
RT: 19.83 min Scan# 2747
Delta R.T. 0.07 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:119 Resp: 6690544

Ion	Ratio	Lower	Upper
119	100		
134	25.8	20.6	31.0
91	26.9	21.7	32.5

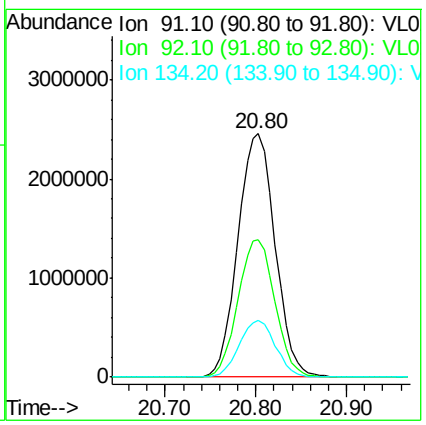


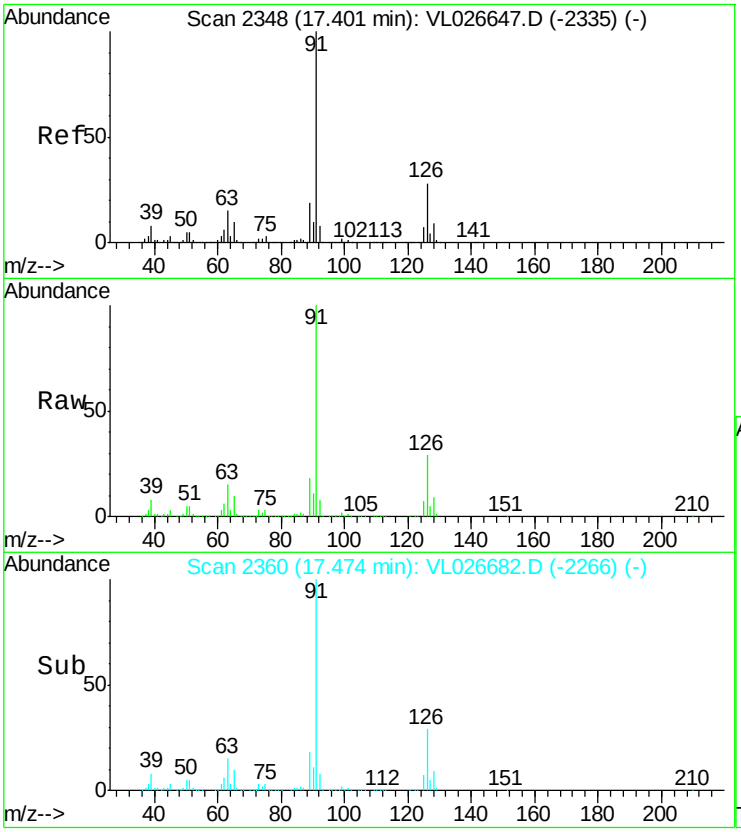


#70
n-Butylbenzene
Concen: 7.51 ppbv
RT: 20.80 min Scan# 2906
Delta R.T. 0.07 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion: 91 Resp: 6967155

Ion	Ratio	Lower	Upper
91	100		
92	56.1	45.0	67.4
134	22.9	18.2	27.2



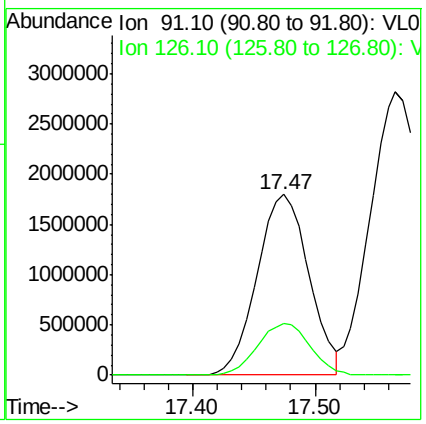


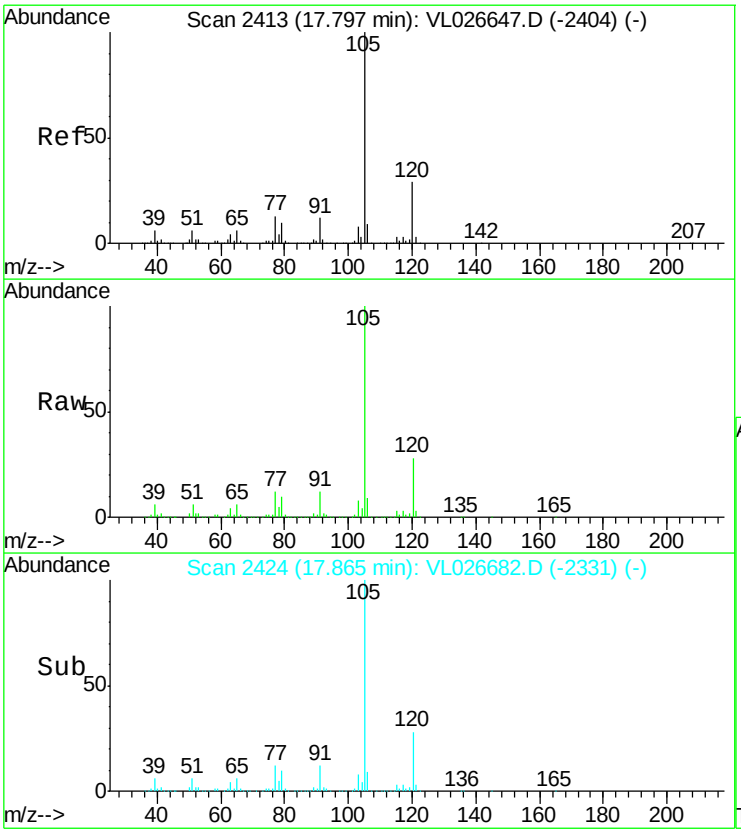
#71
2-Chlorotoluene
Concen: 7.95 ppbv
RT: 17.47 min Scan# 2360
Delta R.T. 0.07 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 5314368

Ion	Ratio	Lower	Upper
91	100		
126	29.0	11.4	45.8

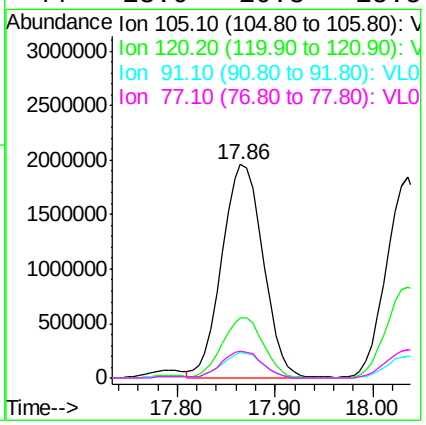


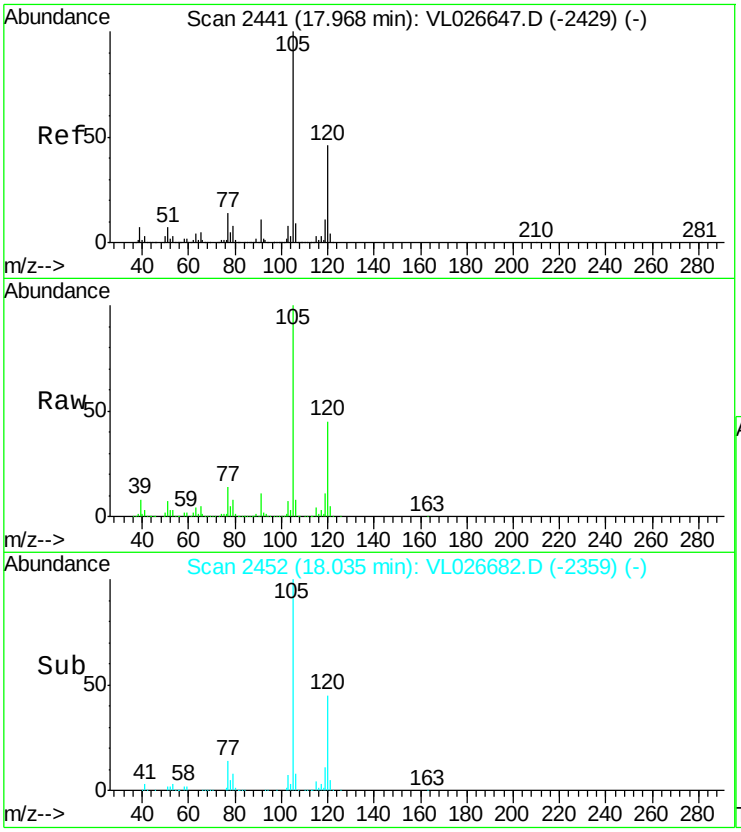


#72
4-Ethyltoluene
Concen: 7.91 ppbv
RT: 17.86 min Scan# 2424
Delta R.T. 0.07 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion:105 Resp: 5730241

Ion	Ratio	Lower	Upper
105	100		
120	29.6	23.7	35.5
91	12.0	9.7	14.5
77	13.0	10.3	15.5



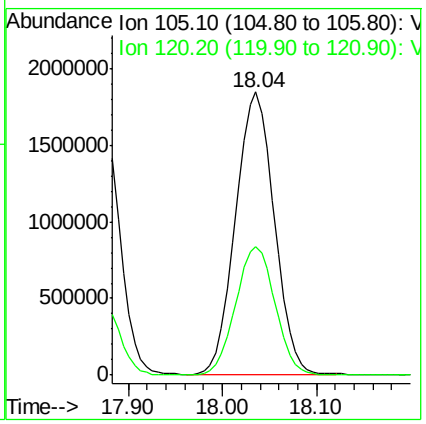


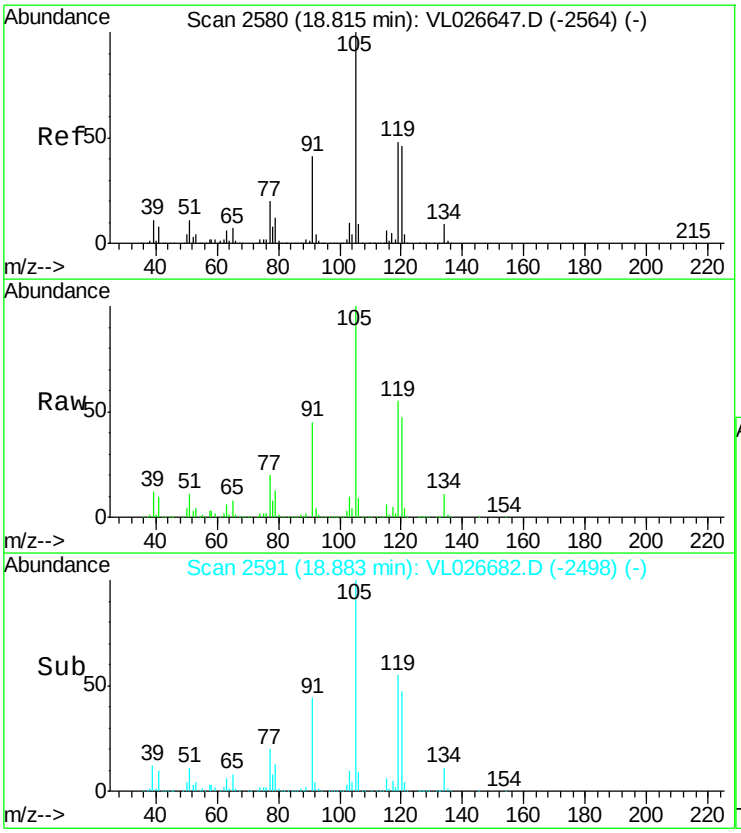
#73
1,3,5-Trimethylbenzene
Concen: 7.71 ppbv
RT: 18.04 min Scan# 2452
Delta R.T. 0.07 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 5290718

Ion	Ratio	Lower	Upper
105	100		
120	45.4	36.6	54.8

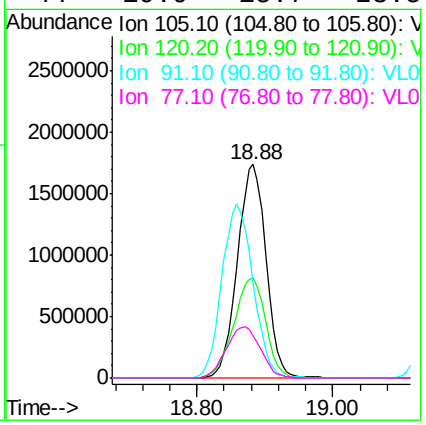


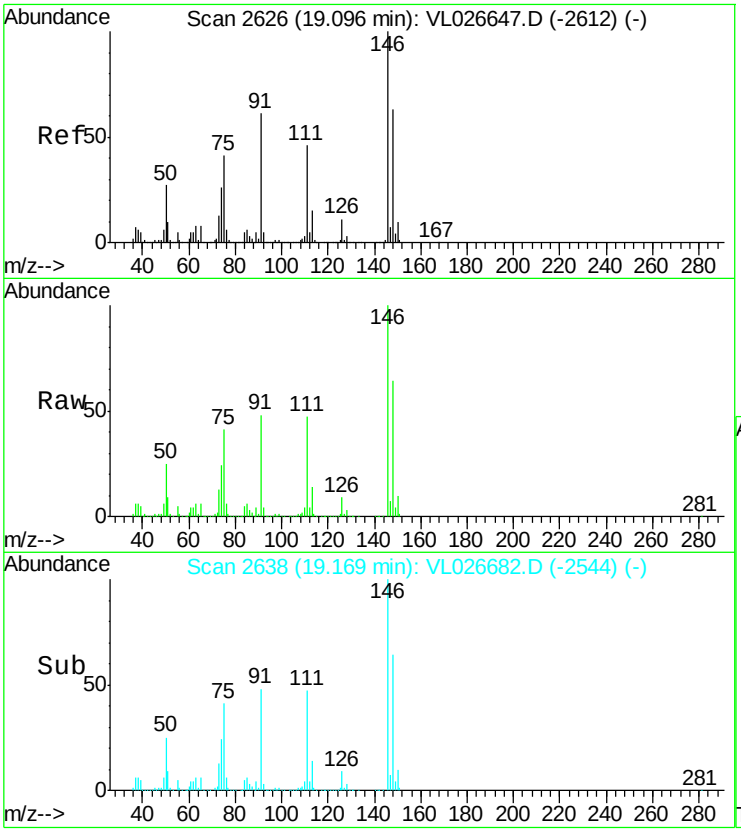


#74
1,2,4-Trimethylbenzene
Concen: 6.99 ppbv
RT: 18.88 min Scan# 2591
Delta R.T. 0.07 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion:105 Resp: 5091304

Ion	Ratio	Lower	Upper
105	100		
120	46.6	36.6	55.0
91	44.5	32.5	48.7
77	19.9	15.7	23.5



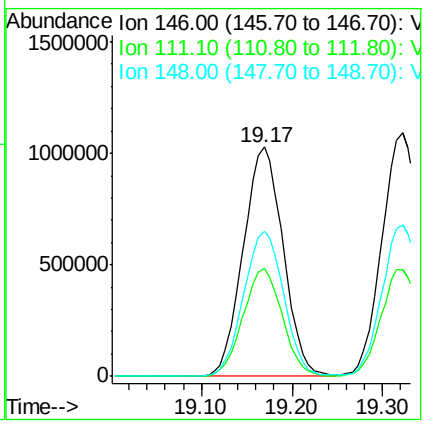


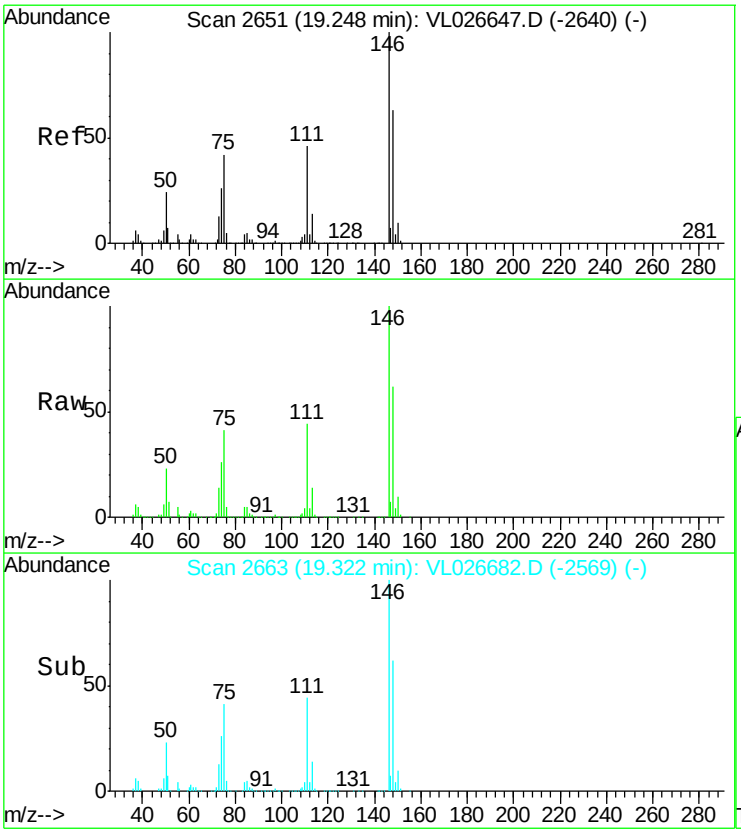
#75
1,3-Dichlorobenzene
Concen: 6.98 ppbv
RT: 19.17 min Scan# 2638
Delta R.T. 0.07 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:146 Resp: 3142428

Ion	Ratio	Lower	Upper
146	100		
111	46.0	22.9	68.5
148	63.5	31.6	95.0

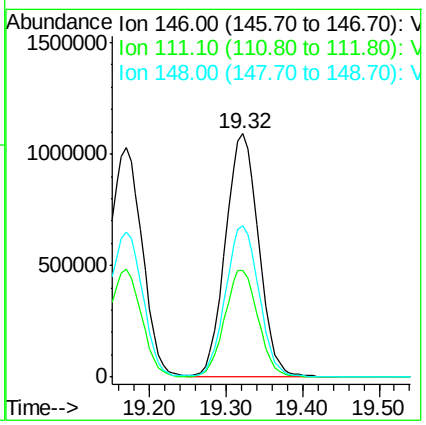


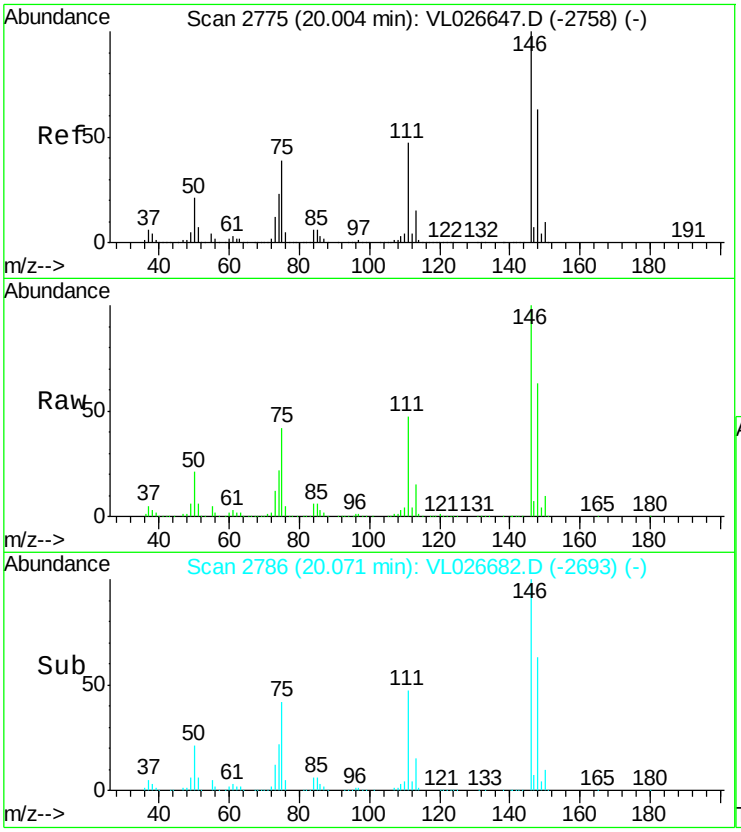


#76
1,4-Dichlorobenzene
Concen: 7.10 ppbv
RT: 19.32 min Scan# 2663
Delta R.T. 0.07 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion:146 Resp: 3282325

Ion	Ratio	Lower	Upper
146	100		
111	44.3	22.3	66.8
148	63.1	31.9	95.9



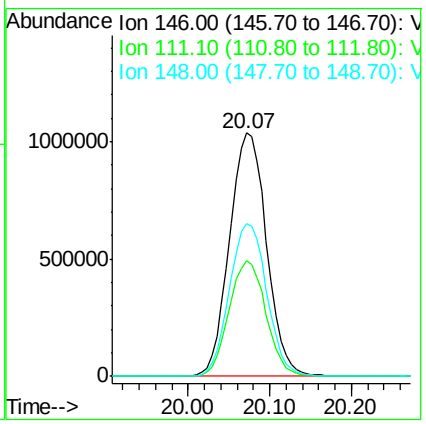


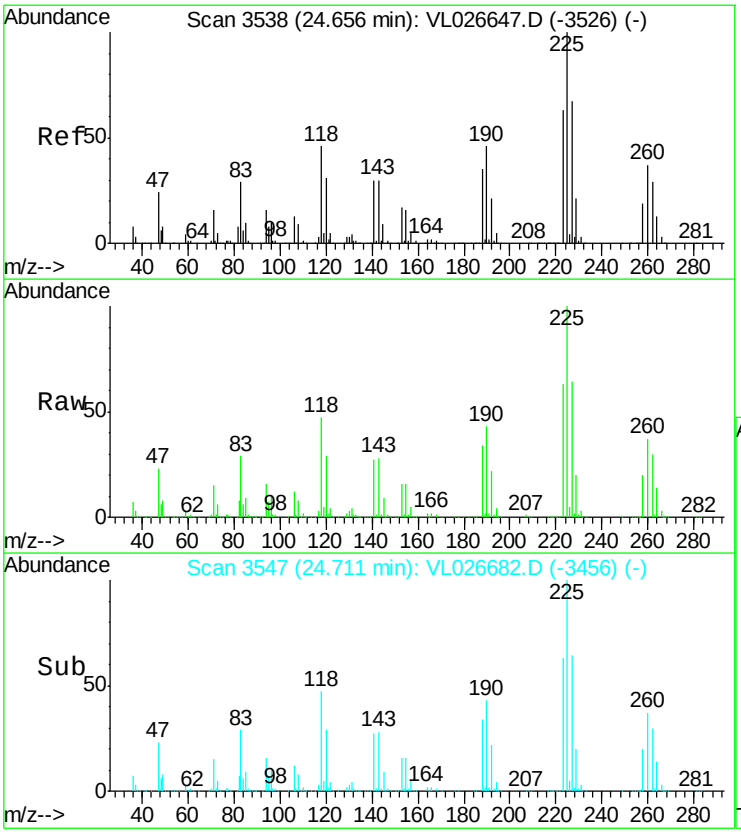
#77
1,2-Dichlorobenzene
Concen: 7.13 ppbv
RT: 20.07 min Scan# 2786
Delta R.T. 0.07 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:146 Resp: 3258560

Ion	Ratio	Lower	Upper
146	100		
111	47.7	23.7	71.1
148	63.6	31.1	93.5

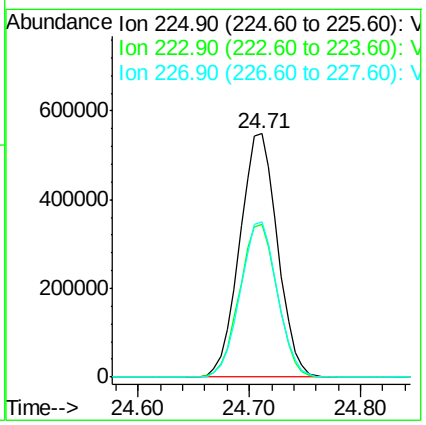


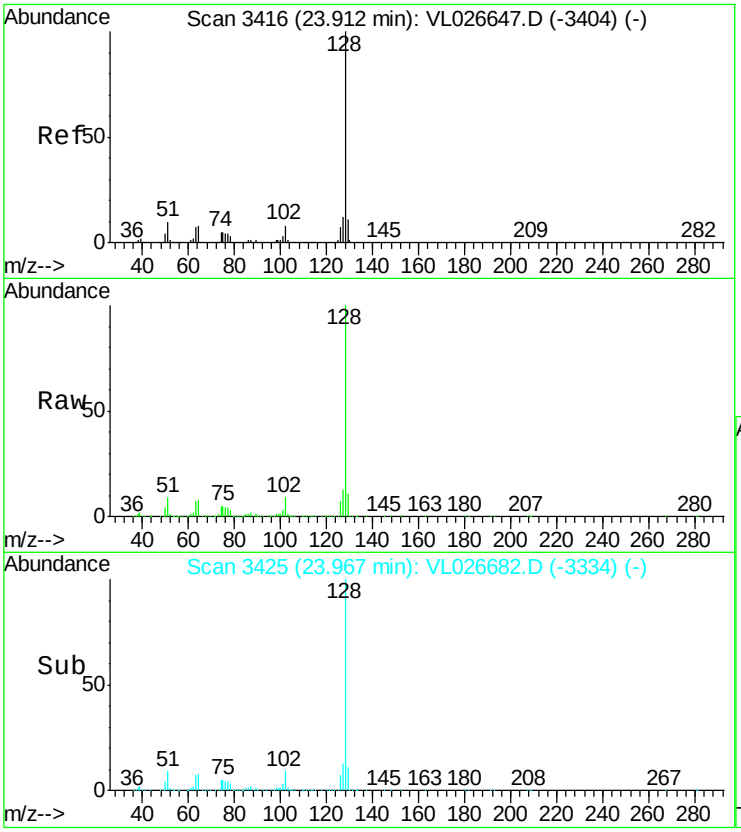


#78
Hexachloro-1,3-Butadiene
Concen: 6.94 ppbv
RT: 24.71 min Scan# 3547
Delta R.T. 0.05 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion:225 Resp: 1293936

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.1	75.1
227	62.7	51.1	76.7



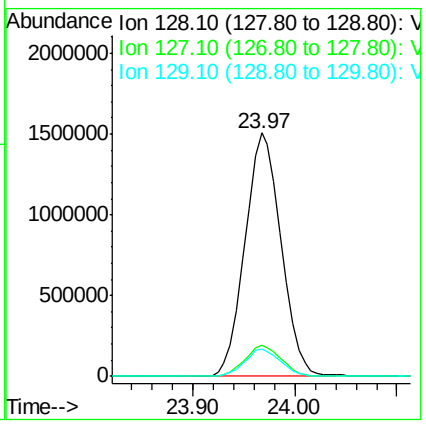


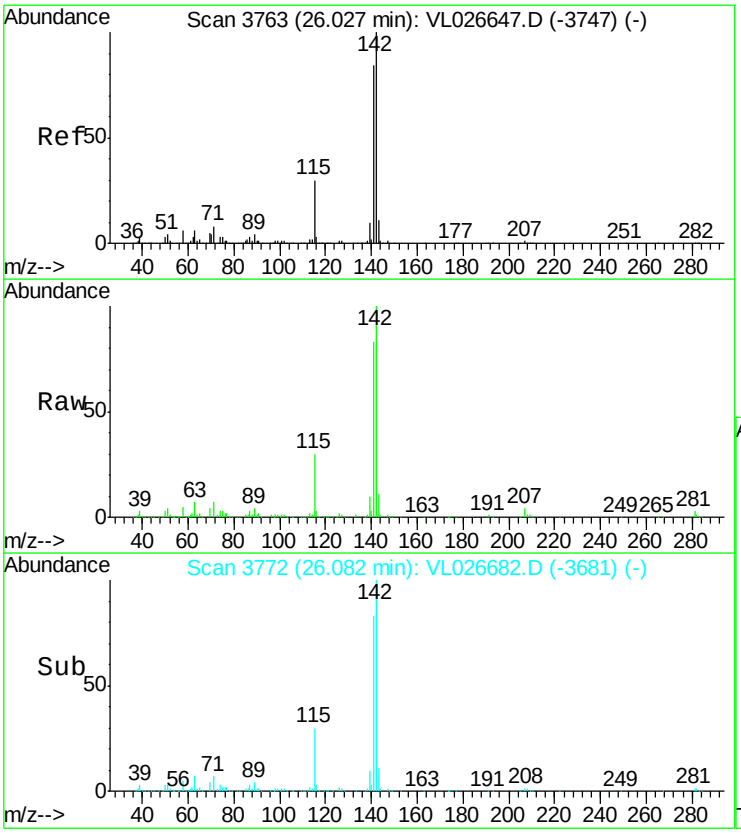
#79
Naphthalene
Concen: 7.54 ppbv
RT: 23.97 min Scan# 3425
Delta R.T. 0.05 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:128 Resp: 3708333

Ion	Ratio	Lower	Upper
128	100		
127	12.6	9.8	14.8
129	11.0	8.9	13.3

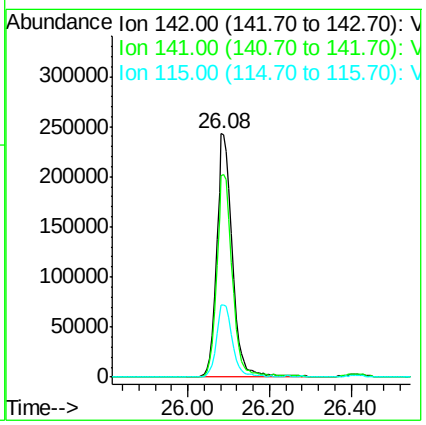


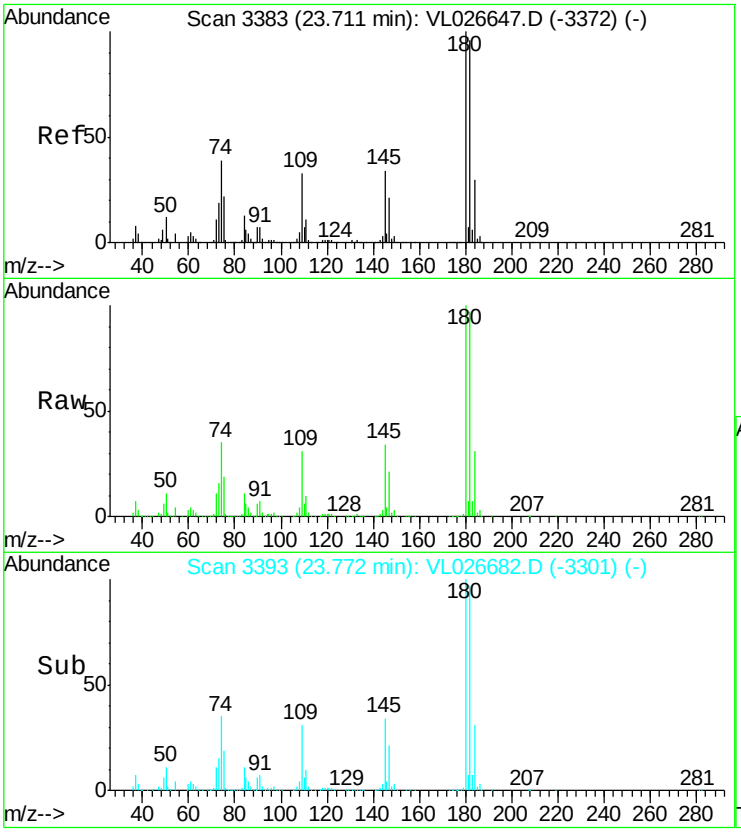


#80
Naphthalene,2-methyl-
Concen: 8.75 ppbv
RT: 26.08 min Scan# 3772
Delta R.T. 0.05 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Tgt Ion:142 Resp: 668191

Ion	Ratio	Lower	Upper
142	100		
141	83.0	67.0	100.6
115	30.6	24.7	37.1





#81
1,2,4-Trichlorobenzene
Concen: 7.38 ppbv
RT: 23.77 min Scan# 3393
Delta R.T. 0.06 min
Lab File: VL026682.D
Acq: 12 Jan 2016 19:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:180 Resp: 1653672

Ion	Ratio	Lower	Upper
180	100		
182	96.9	75.4	113.0
184	30.3	24.1	36.1