Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\Data\VL102915\
Data File : VL026266.D
Acq On : 29 Oct 2015 13:16
Operator : SY/AP
Sample : VSTDICC015
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Quant Time: Oct 29 14:03:18 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL102915AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 29 14:04:56 2015
QLast Update : Thu Oct 29 14:04:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	6.70	49	538926	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	8.37	114	1658978	10.00	ppbv		0.00
55) Chlorobenzene-d5	13.80	117	2571841	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	16.35	95	1498533	7.68	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 76.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.67	85	1623209	14.45	ppbv		100
3) Chlorodifluoromethane	3.59	51	881683	12.87	ppbv		98
4) Chloromethane	3.78	50	540292	13.97	ppbv		99
5) Vinyl Chloride	3.91	62	546534	12.75	ppbv		98
6) Bromomethane	4.17	94	393277	13.89	ppbv		100
7) Chloroethane	4.26	64	236934	13.99	ppbv		100
8) Dichlorotetrafluoroethane	3.83	85	1295455	13.12	ppbv		99
9) Propene	3.62	41	440723	13.45	ppbv		99
10) Heptane	9.40	43	1502427	13.62	ppbv		98
11) Trichlorofluoromethane	4.72	101	1516732	13.78	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	5.34	101	975742	13.19	ppbv		99
13) Ethanol	4.35	45	63456	14.16	ppbv		93
14) Bromoethene	4.48	108	430152	13.86	ppbv		100
15) Acetone	4.63	43	904317	12.53	ppbv		98
16) 1,3-Butadiene	4.00	39	486322	13.67	ppbv		100
17) tert-Butyl alcohol	5.15	59	763391	14.27	ppbv		100
18) 1,1-Dichloroethene	5.12	96	454468	13.55	ppbv		95
19) Isopropyl Alcohol	4.78	45	461330	15.28	ppbv	#	27
20) Methylene Chloride	5.18	84	419393	13.34	ppbv		99
21) Allyl Chloride	5.26	41	709204	13.94	ppbv		98
22) trans-1,2-Dichloroethene	5.80	96	616493	13.85	ppbv		99
23) Vinyl Acetate	6.02	43	2033647	14.68	ppbv		99
24) 1,1-Dichloroethane	5.95	63	1294368	13.63	ppbv		99
25) Ethyl Acetate	6.71	43	2005182	13.35	ppbv		100
26) Hexane	6.70	57	976337	13.24	ppbv		99
27) Carbon Disulfide	5.42	76	1280500	14.44	ppbv		98
28) Methyl tert-Butyl Ether	5.99	73	1784952	13.75	ppbv		100
29) Chloroform	6.79	83	1505731	13.83	ppbv		100
30) Cyclohexane	8.32	84	998993	13.79	ppbv		99
31) cis-1,2-Dichloroethene	6.56	61	966055	14.32	ppbv		99
32) 1,1,1-Trichloroethane	7.64	97	1544318	12.79	ppbv		99
34) 2-Butanone	6.23	43	1318524	13.23	ppbv		100
35) Carbon Tetrachloride	8.21	117	1590538	12.62	ppbv		98
36) Benzene	8.07	78	2259972	12.85	ppbv		98
37) 1,2-Dichloroethane	7.42	62	1223449	13.48	ppbv		99
38) Trichloroethene	9.11	130	860165	10.12	ppbv		98
39) 1,2-Dichloropropane	8.87	63	825413	12.97	ppbv		98
40) 1,4-Dioxane	9.16	88	204969	23.59	ppbv		69
41) Tetrahydrofuran	7.16	42	790682	13.76	ppbv		100
42) Bromodichloromethane	9.07	83	1652112	13.51	ppbv		100
43) Methyl Methacrylate	9.31	69	879516	14.07	ppbv		99

Data Path : W:\HPCHEM1\MSVOA_L\Data\VL102915\
Data File : VL026266.D
Acq On : 29 Oct 2015 13:16
Operator : SY/AP
Sample : VSTDICC015
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Quant Time: Oct 29 14:03:18 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL102915AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 29 14:04:56 2015
QLast Update : Thu Oct 29 14:04:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	9.13	57	3426350	11.94	ppbv		99
45) t-1,3-Dichloropropene	10.70	75	1342084	15.07	ppbv		99
46) cis-1,3-Dichloropropene	10.07	75	1532728	14.20	ppbv		99
47) 1,1,2-Trichloroethane	10.93	97	1004808	12.93	ppbv		99
48) Dibromochloromethane	11.85	129	1581031	14.07	ppbv		100
49) Bromoform	14.87	173	1266225	14.27	ppbv		100
50) 4-Methyl-2-Pentanone	10.13	43	1840525	13.75	ppbv		99
51) 2-Hexanone	11.66	43	1778123	14.57	ppbv	#	100
52) Tetrachloroethene	12.84	164	954071	10.66	ppbv		98
53) Toluene	11.29	91	2980950	12.98	ppbv		100
54) 1,2-Dibromoethane	12.19	107	1532160	12.99	ppbv		99
56) 1,1,1,2-Tetrachloroethane	13.84	131	1106358	9.78	ppbv		90
57) Chlorobenzene	13.87	112	2346233	9.19	ppbv		98
58) Ethyl Benzene	14.47	91	4153888	9.83	ppbv		100
59) m/p-Xylene	14.77	91	6266698	18.70	ppbv	#	100
60) o-Xylene	15.55	91	3169888	9.04	ppbv		100
61) Styrene	15.36	104	1654218	11.06	ppbv		99
62) Isopropylbenzene	16.60	105	4536483	9.52	ppbv		100
63) 1,1,2,2-Tetrachloroethane	15.54	83	2127375	8.63	ppbv		100
64) n-propylbenzene	17.58	120	1260006	9.70	ppbv		100
65) tert-Butylbenzene	18.87	119	3853892	8.95	ppbv		99
66) Benzyl Chloride	19.16	91	1623045	11.73	ppbv		99
67) sec-Butylbenzene	19.47	105	5685318	9.33	ppbv		100
69) p-Isopropyltoluene	19.85	119	4680084	9.40	ppbv		99
70) n-Butylbenzene	20.81	91	4478341	9.50	ppbv		100
71) 2-Chlorotoluene	17.49	91	3455107	9.85	ppbv		100
72) 4-Ethyltoluene	17.88	105	3899580	9.88	ppbv		100
73) 1,3,5-Trimethylbenzene	18.05	105	3627629	9.74	ppbv		100
74) 1,2,4-Trimethylbenzene	18.89	105	3497526	9.00	ppbv		96
75) 1,3-Dichlorobenzene	19.18	146	2329483	9.21	ppbv		100
76) 1,4-Dichlorobenzene	19.33	146	2430520	9.42	ppbv		100
77) 1,2-Dichlorobenzene	20.08	146	2364809	9.35	ppbv		99
78) Hexachloro-1,3-Butadiene	24.72	225	842076	7.96	ppbv		100
79) Naphthalene	23.97	128	2752578	9.44	ppbv		100
80) Naphthalene,2-methyl-	26.09	142	683555	13.87	ppbv		97
81) 1,2,4-Trichlorobenzene	23.78	180	1282716	8.96	ppbv		100

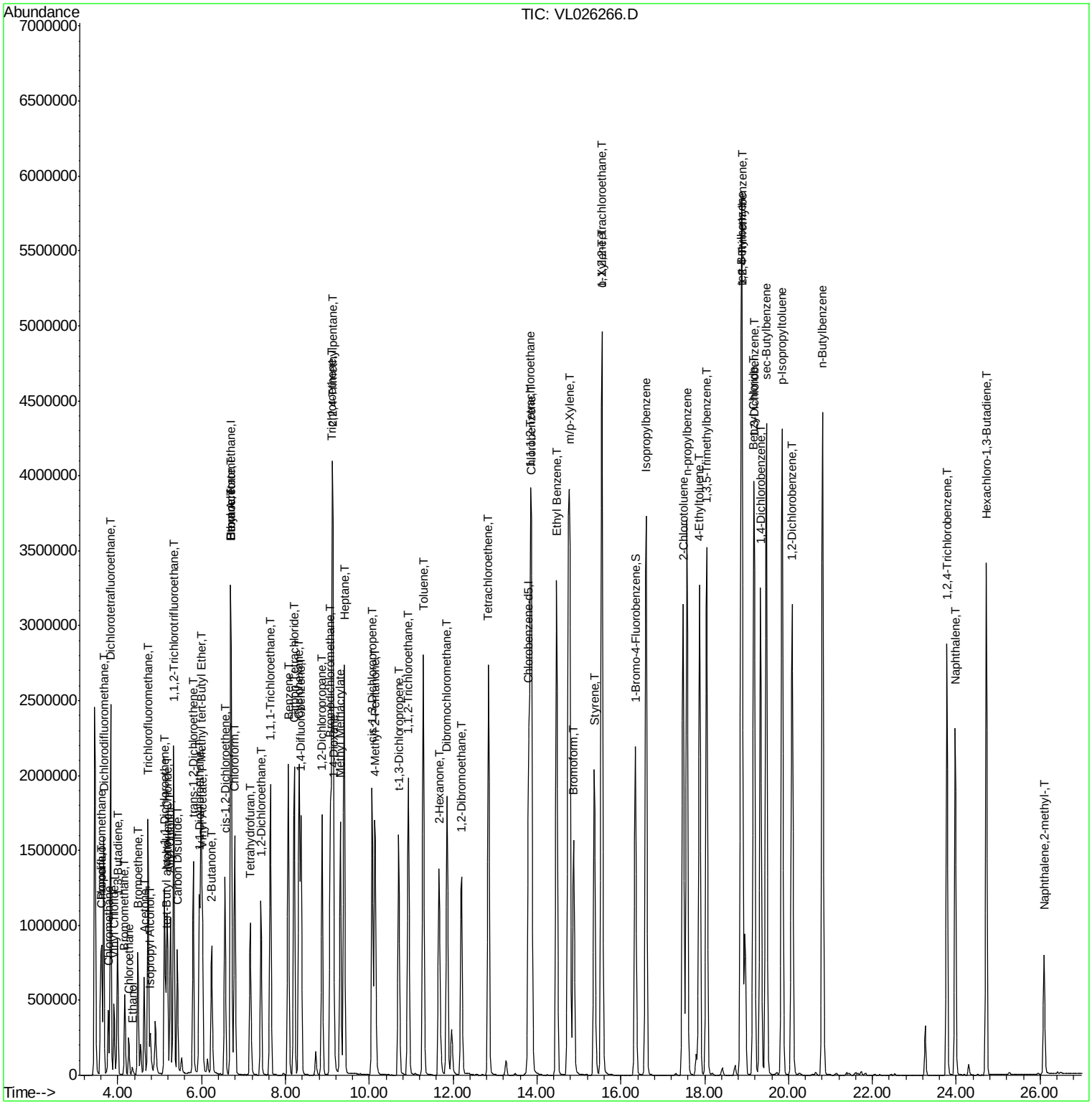
(#) = qualifier out of range (m) = manual integration (+) = signals summed

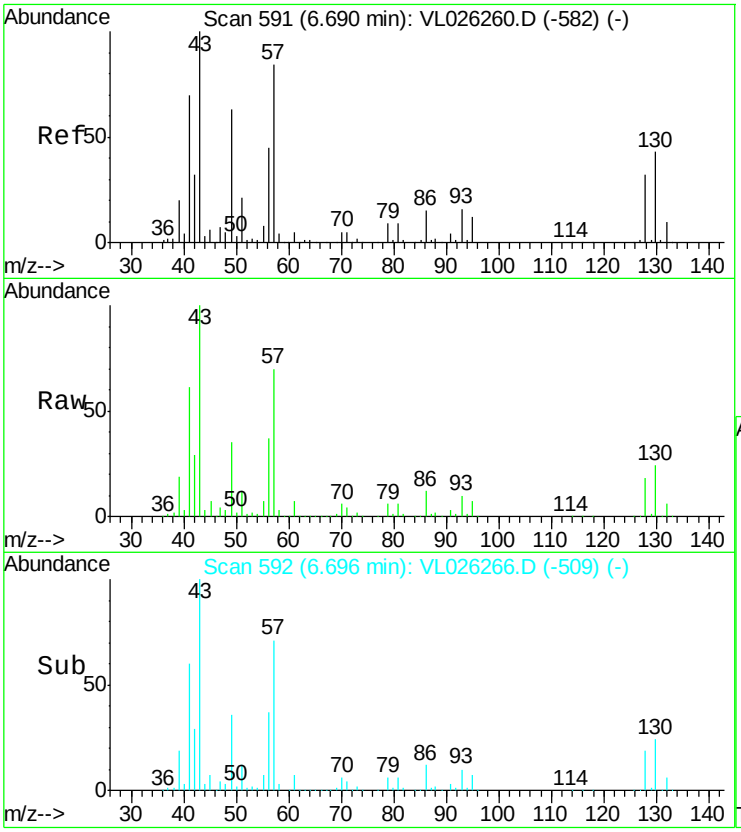
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\Data\VL102915\
Data File : VL026266.D
Acq On : 29 Oct 2015 13:16
Operator : SY/AP
Sample : VSTDICC015
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Quant Time: Oct 29 14:03:18 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL102915AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 29 14:04:56 2015
QLast Update : Thu Oct 29 14:04:56 2015
Response via : Initial Calibration



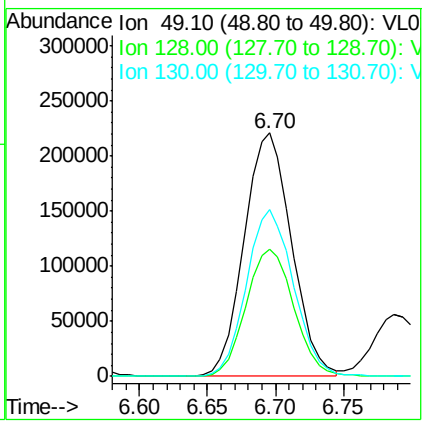


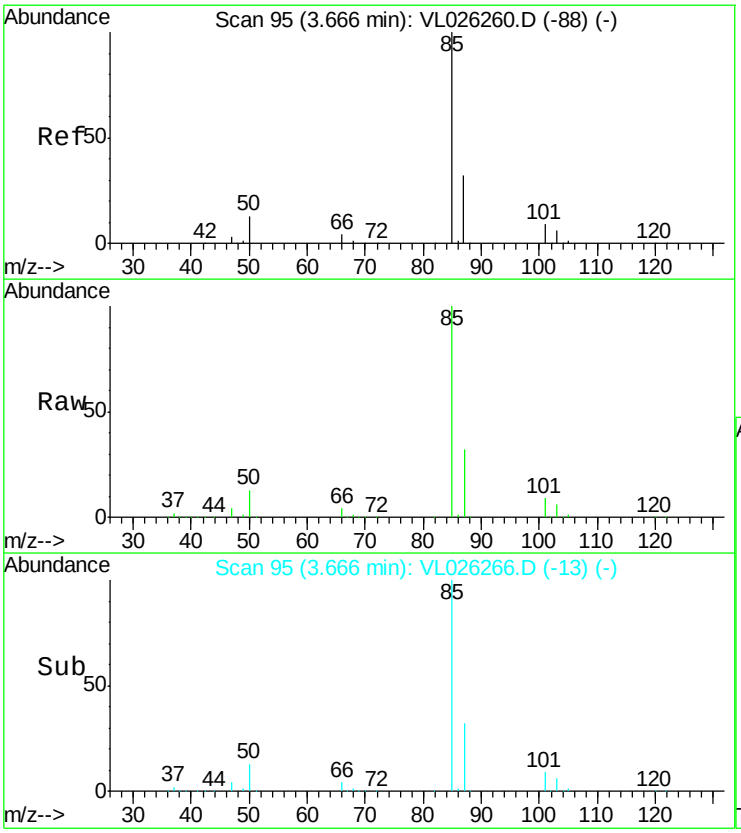
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 6.70 min Scan# 592
Delta R.T. 0.01 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 49 Resp: 538926

Ion	Ratio	Lower	Upper
49	100		
128	53.0	26.7	80.1
130	68.3	34.4	103.2

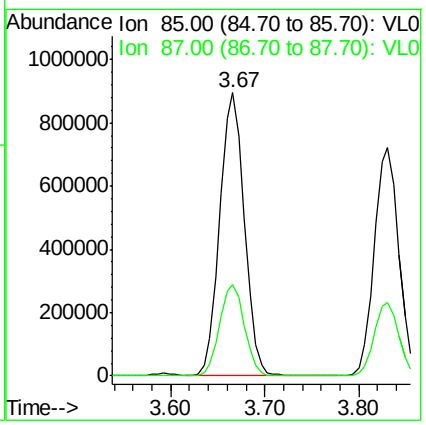


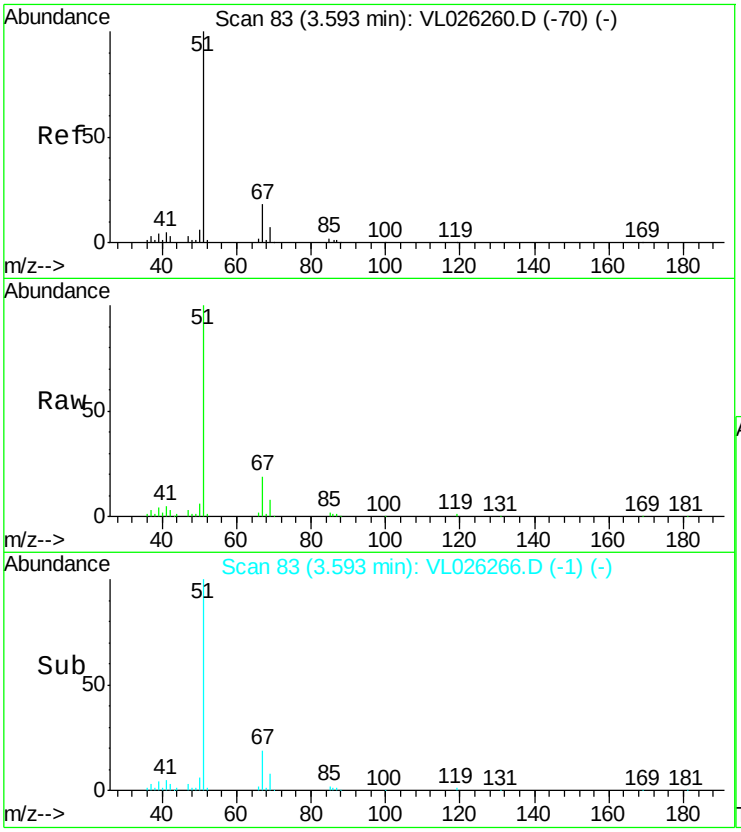


#2
Dichlorodifluoromethane
Concen: 14.45 ppbv
RT: 3.67 min Scan# 95
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion: 85 Resp: 1623209

Ion	Ratio	Lower	Upper
85	100		
87	32.3	25.9	38.9

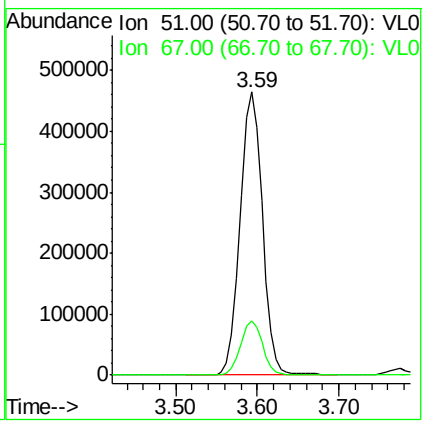




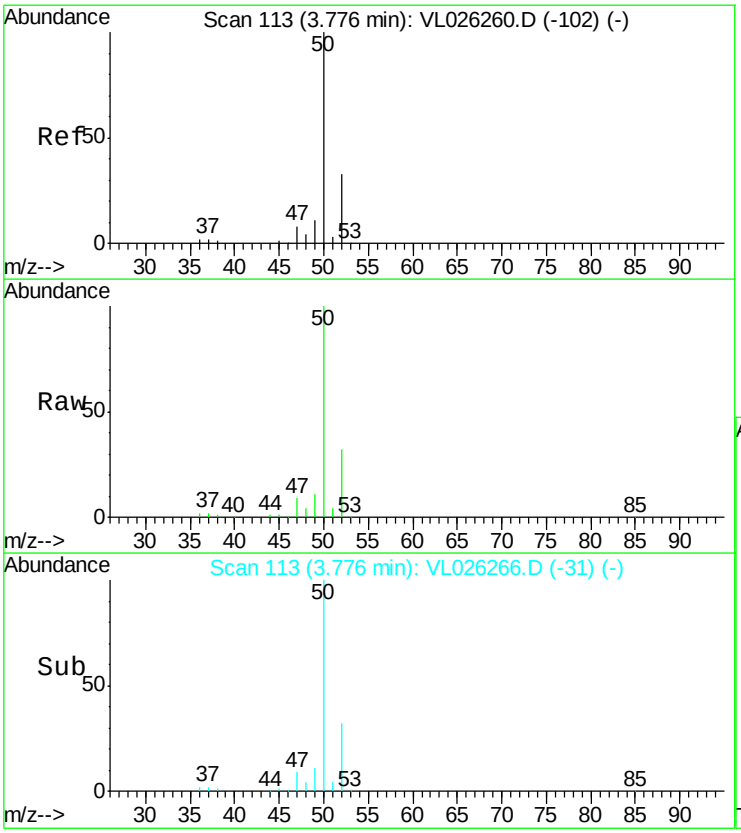
#3
Chlorodifluoromethane
Concen: 12.87 ppbv
RT: 3.59 min Scan# 83
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion: 51 Resp: 881683

Ion	Ratio	Lower	Upper
51	100		
67	19.0	14.5	21.7



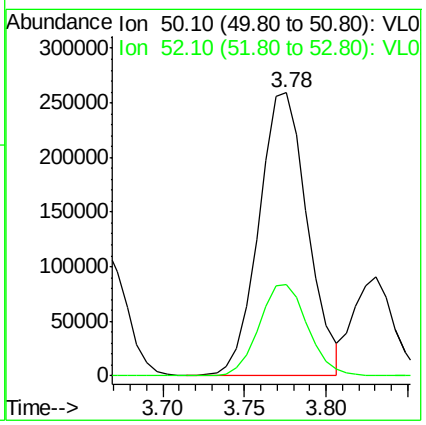
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

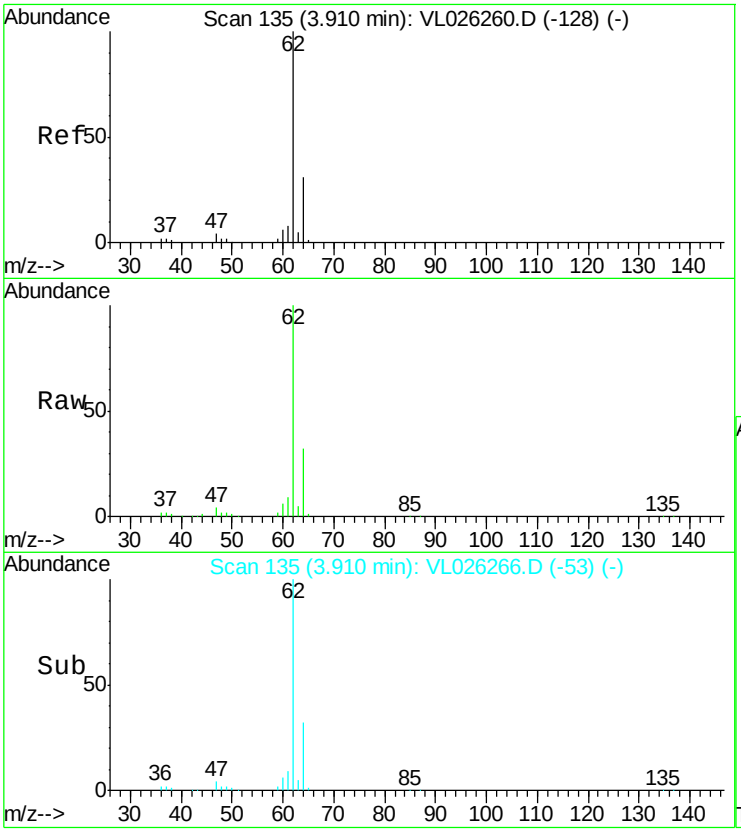


#4
Chloromethane
Concen: 13.97 ppbv
RT: 3.78 min Scan# 113
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion: 50 Resp: 540292

Ion	Ratio	Lower	Upper
50	100		
52	32.3	26.1	39.1



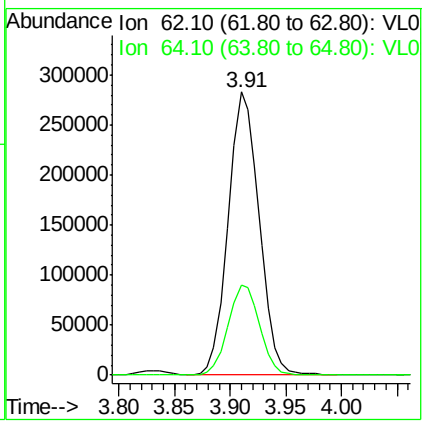


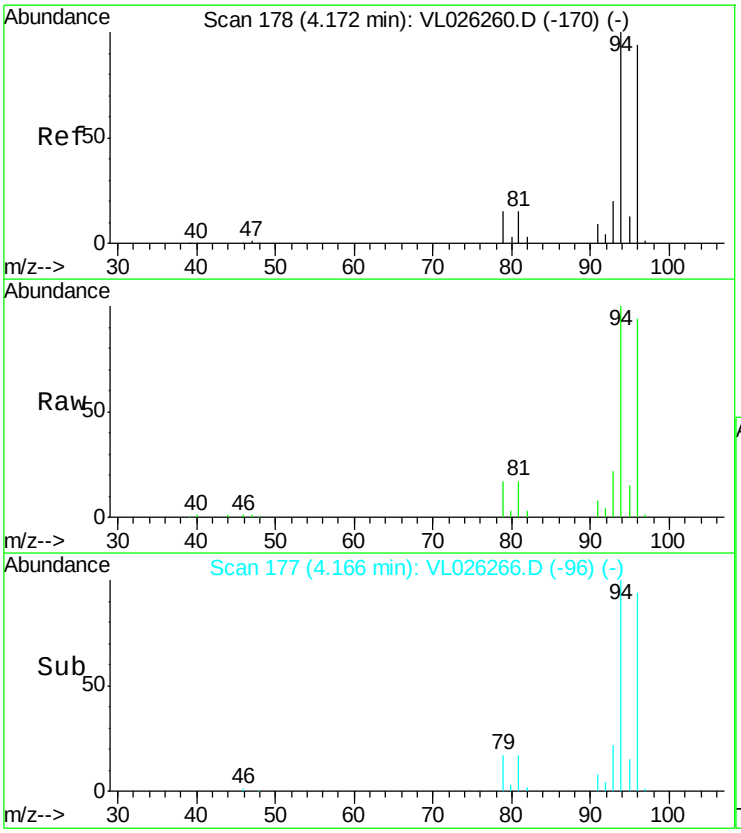
#5
Vinyl Chloride
Concen: 12.75 ppbv
RT: 3.91 min Scan# 135
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 62 Resp: 546534

Ion	Ratio	Lower	Upper
62	100		
64	31.9	24.9	37.3

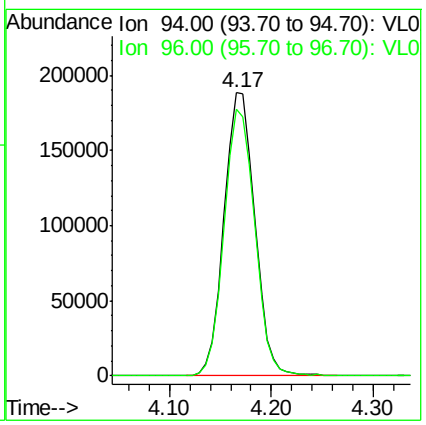


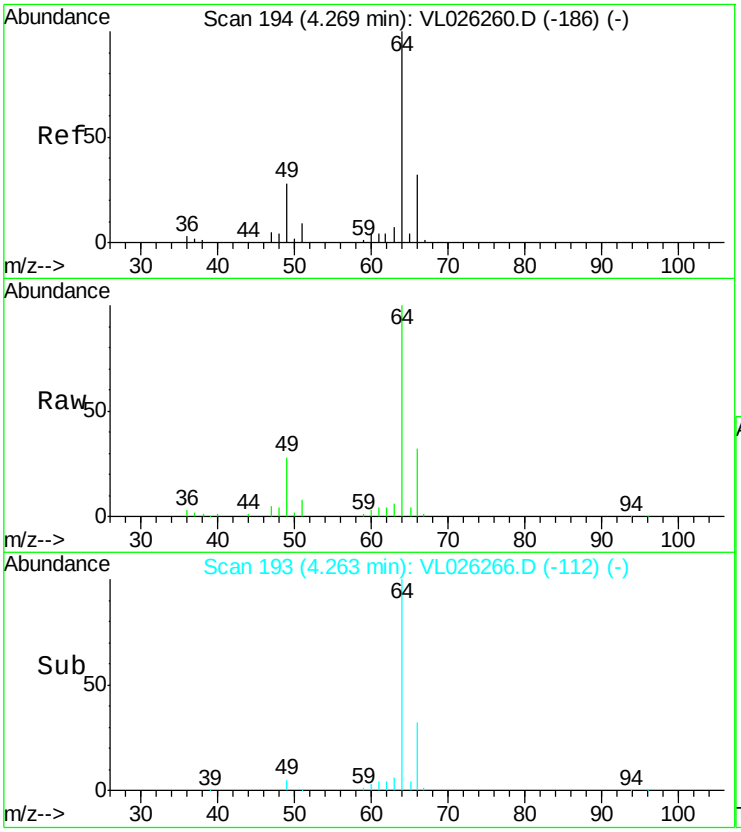


#6
Bromomethane
Concen: 13.89 ppbv
RT: 4.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion: 94 Resp: 393277

Ion	Ratio	Lower	Upper
94	100		
96	94.2	75.5	113.3



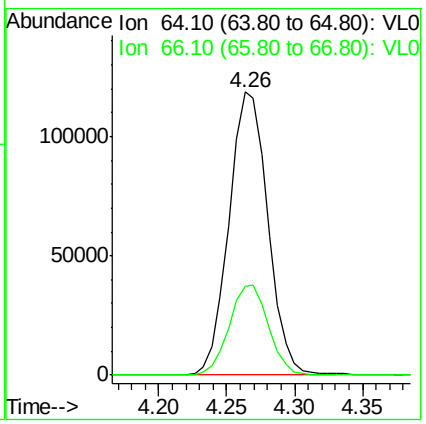


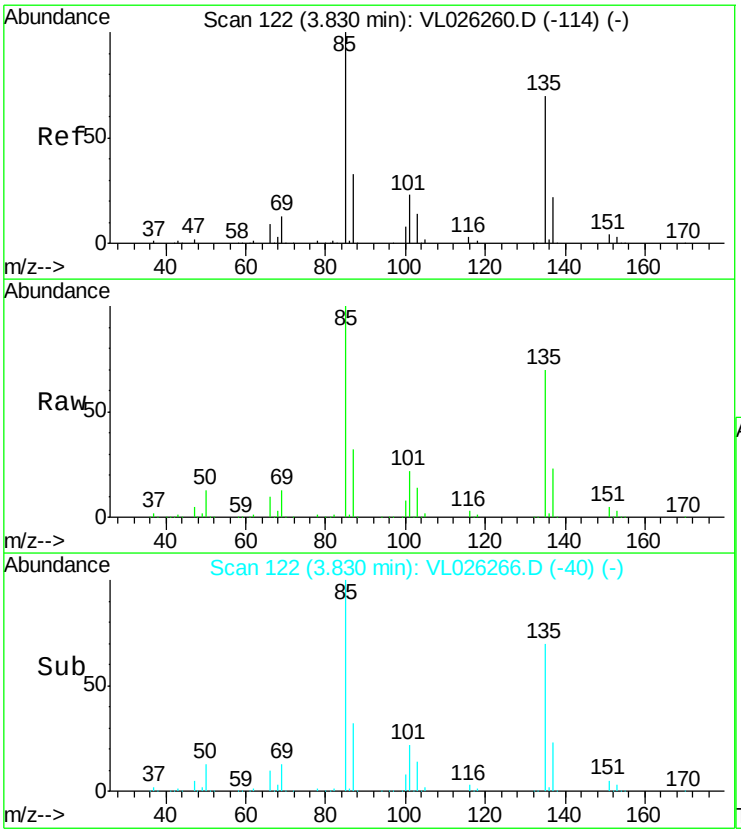
#7
Chloroethane
Concen: 13.99 ppbv
RT: 4.26 min Scan# 193
Delta R.T. -0.01 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 64 Resp: 236934

Ion	Ratio	Lower	Upper
64	100		
66	31.5	25.2	37.8

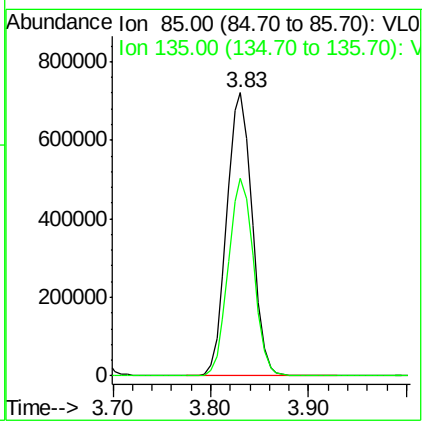


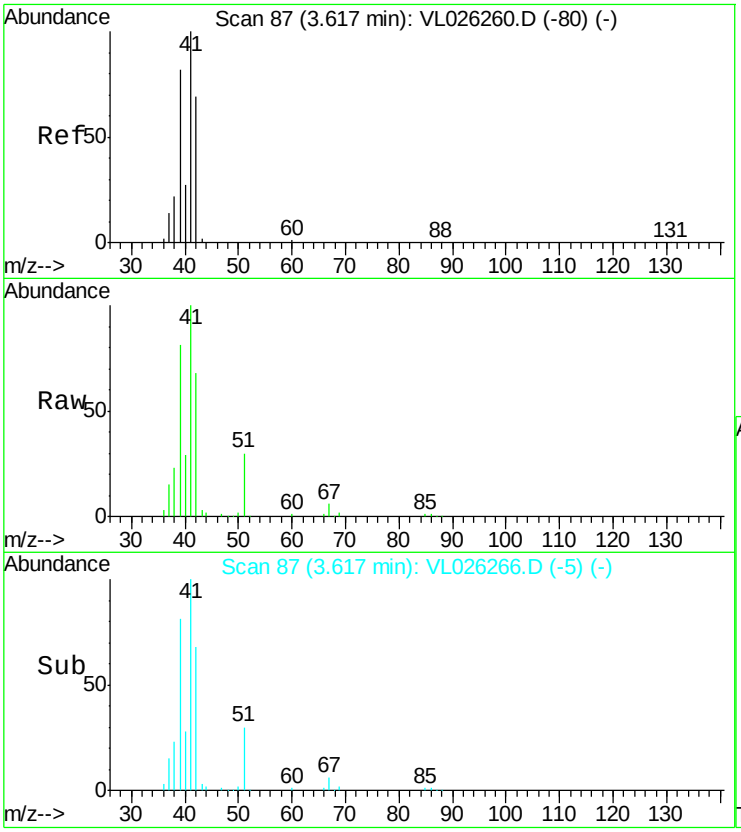


#8
Dichlorotetrafluoroethane
Concen: 13.12 ppbv
RT: 3.83 min Scan# 122
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion: 85 Resp: 1295455

Ion	Ratio	Lower	Upper
85	100		
135	70.0	56.6	84.8

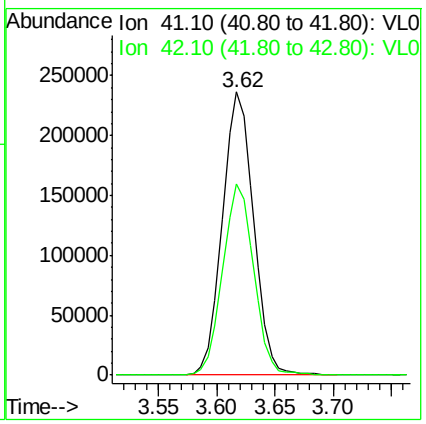




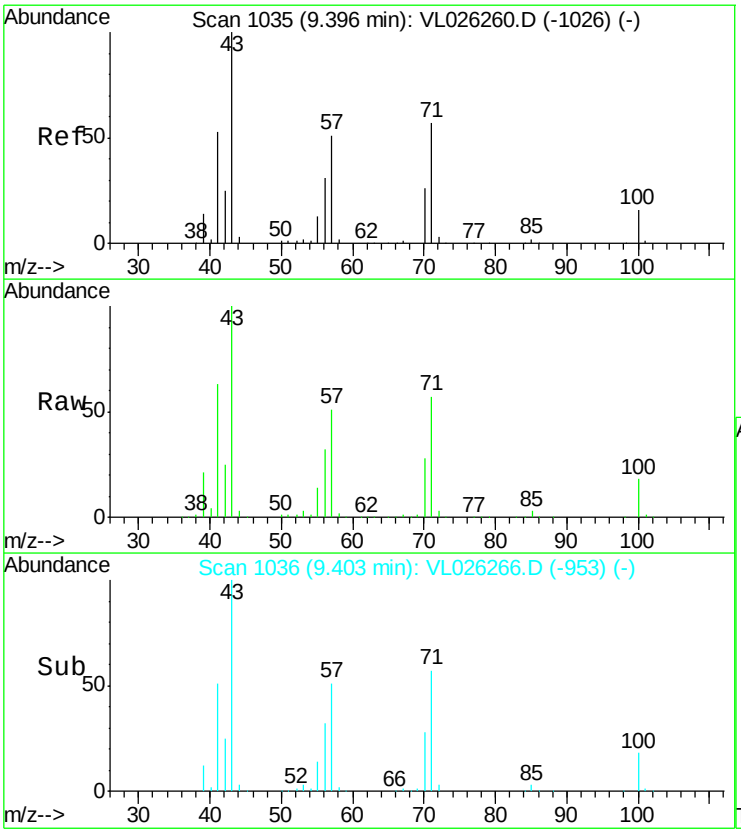
#9
Propene
Concen: 13.45 ppbv
RT: 3.62 min Scan# 87
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion: 41 Resp: 440723

Ion	Ratio	Lower	Upper
41	100		
42	67.2	54.5	81.7



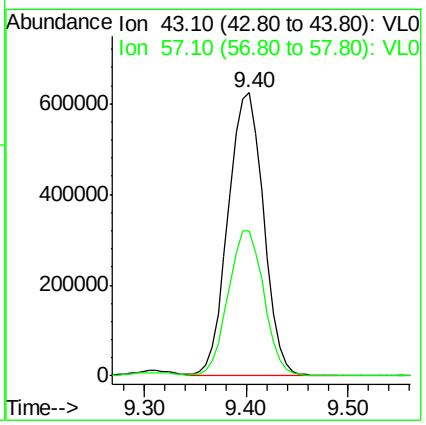
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

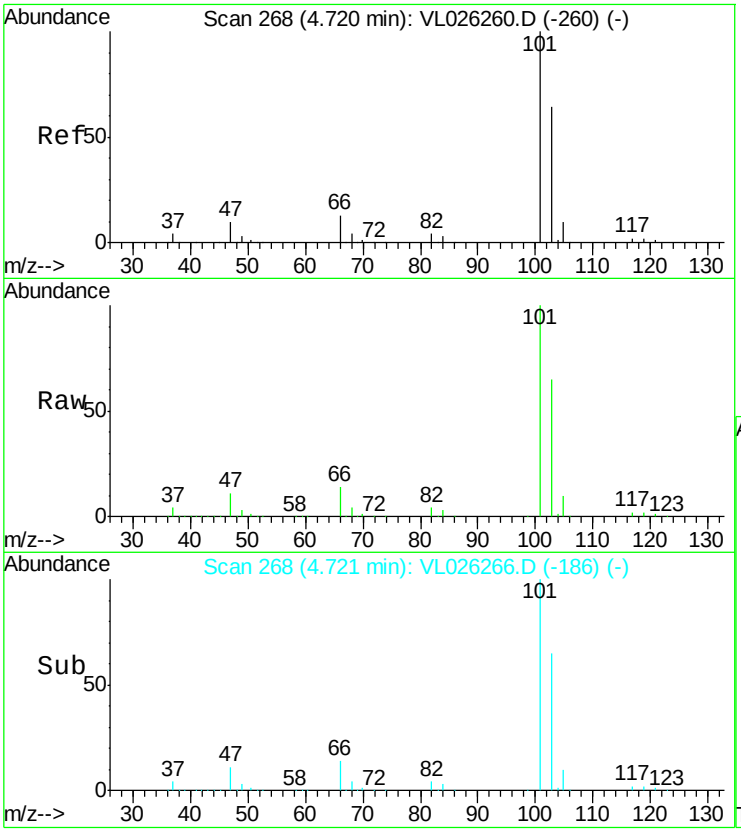


#10
Heptane
Concen: 13.62 ppbv
RT: 9.40 min Scan# 1036
Delta R.T. 0.01 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion: 43 Resp: 1502427

Ion	Ratio	Lower	Upper
43	100		
57	52.8	41.1	61.7



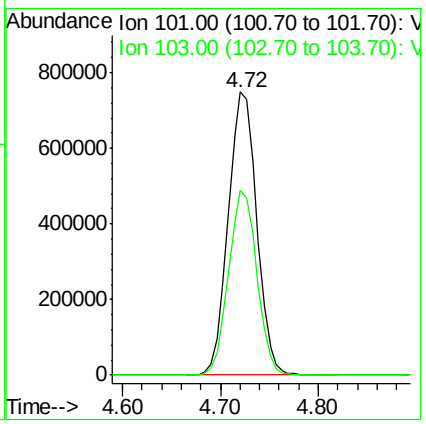


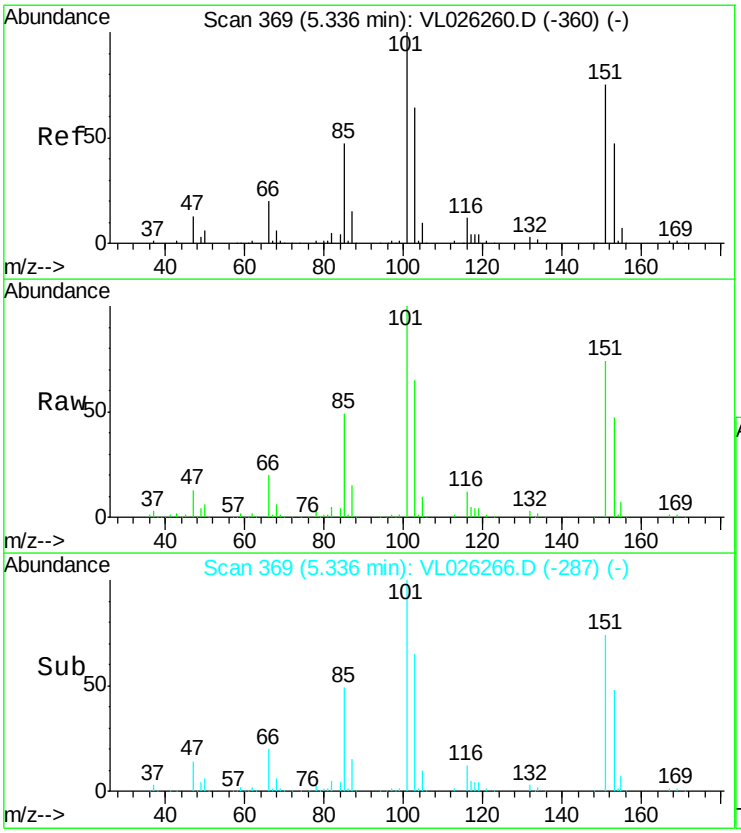
#11
Trichlorofluoromethane
Concen: 13.78 ppbv
RT: 4.72 min Scan# 268
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:101 Resp: 1516732

Ion	Ratio	Lower	Upper
101	100		
103	65.2	51.4	77.0

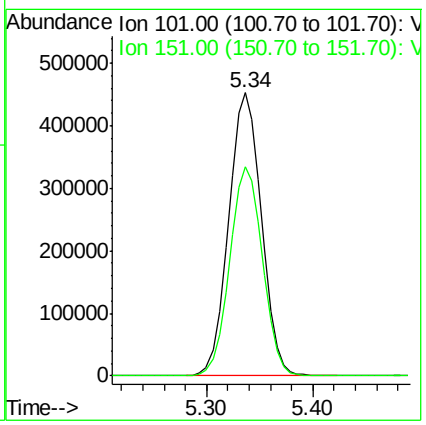


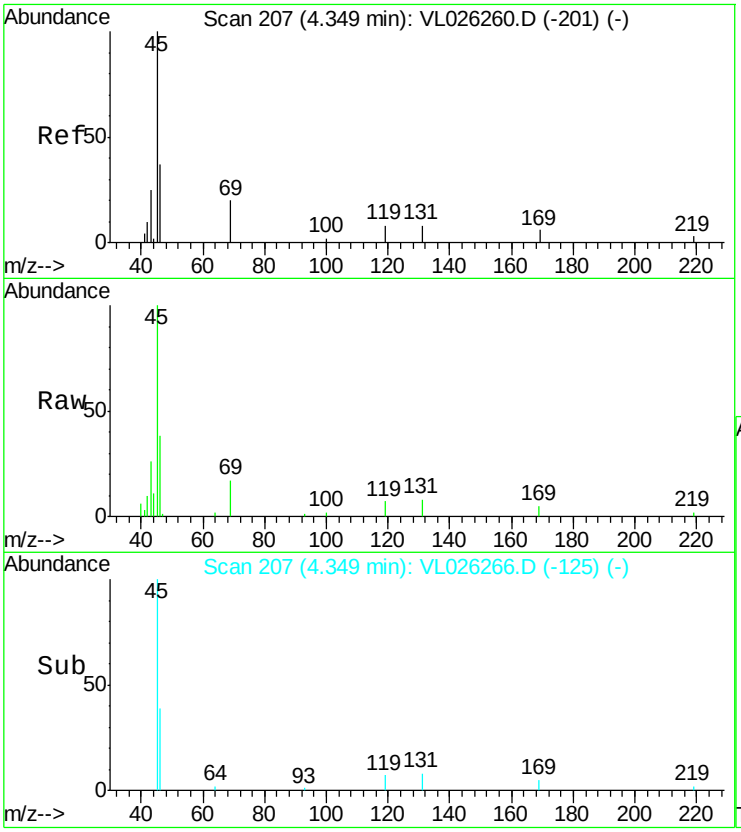


#12
1,1,2-Trichlorotrifluoroethane
Concen: 13.19 ppbv
RT: 5.34 min Scan# 369
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion:101 Resp: 975742

Ion	Ratio	Lower	Upper
101	100		
151	74.5	60.3	90.5



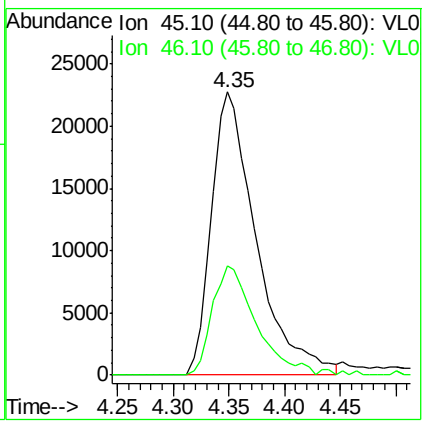


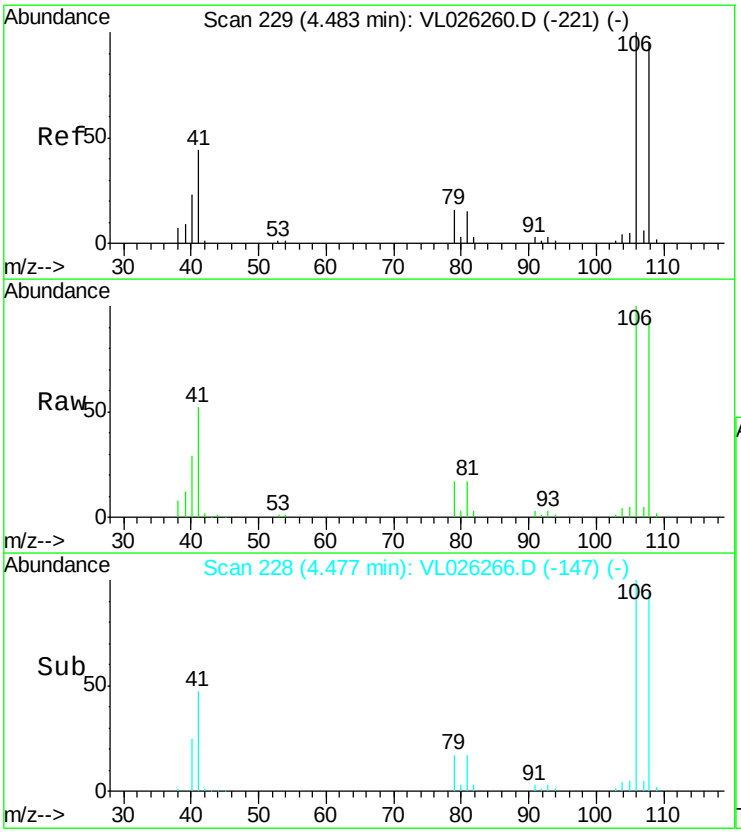
#13
Ethanol
Concen: 14.16 ppbv
RT: 4.35 min Scan# 207
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 45 Resp: 63456

Ion	Ratio	Lower	Upper
45	100		
46	38.2	17.0	68.0

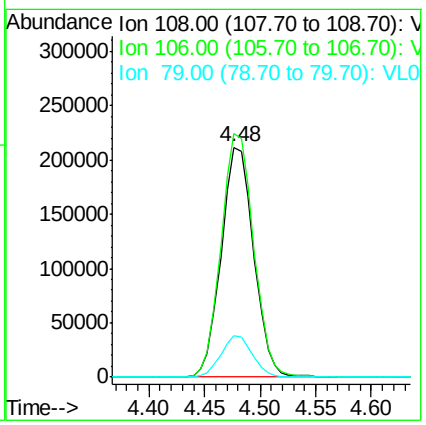


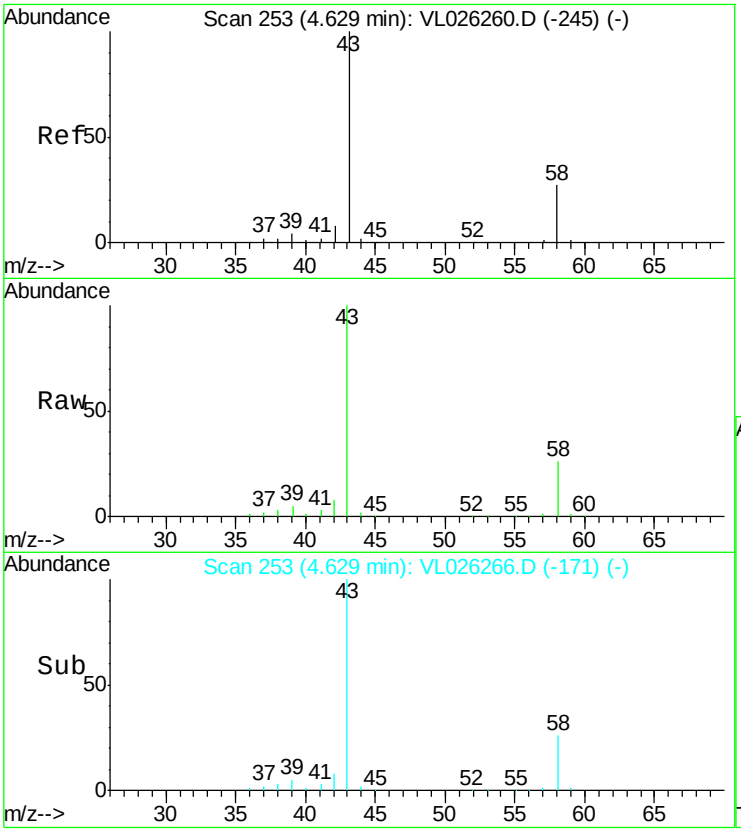


#14
Bromoethene
Concen: 13.86 ppbv
RT: 4.48 min Scan# 228
Delta R.T. -0.01 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion:108 Resp: 430152

Ion	Ratio	Lower	Upper
108	100		
106	106.4	85.4	128.0
79	17.5	13.5	20.3



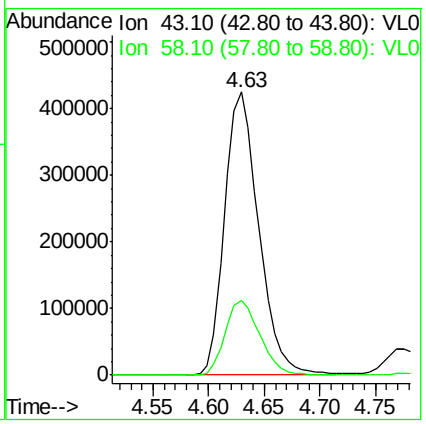


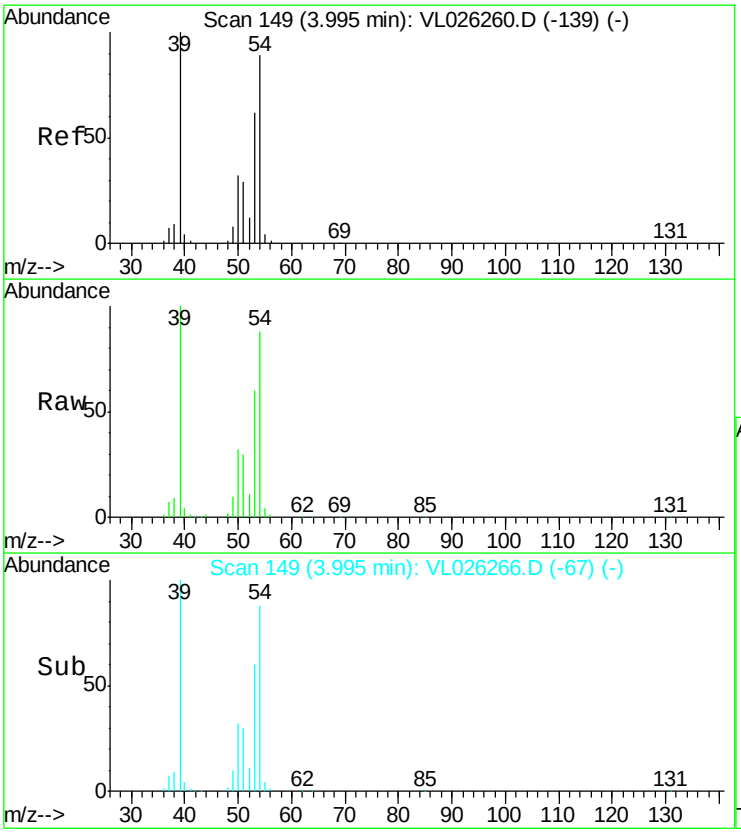
#15
Acetone
Concen: 12.53 ppbv
RT: 4.63 min Scan# 253
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 43 Resp: 904317

Ion	Ratio	Lower	Upper
43	100		
58	27.0	22.3	33.5

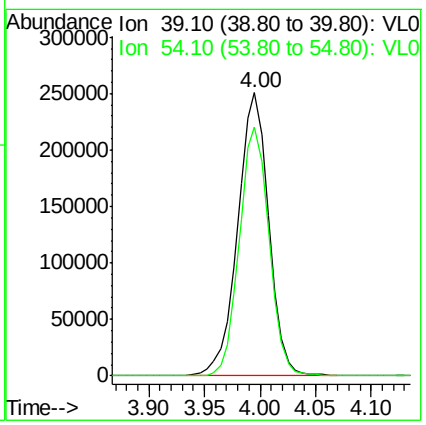


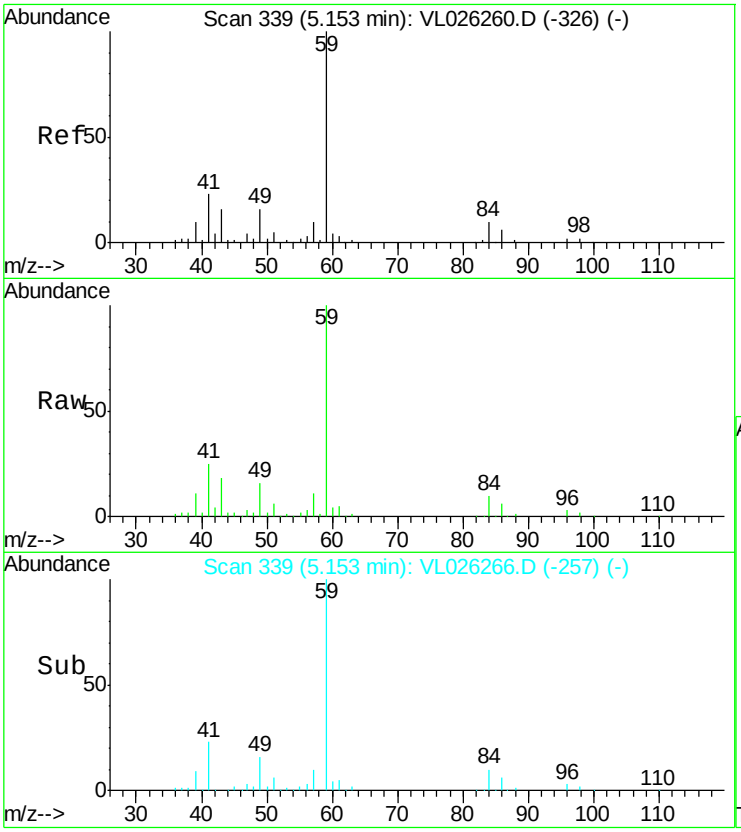


#16
1,3-Butadiene
Concen: 13.67 ppbv
RT: 4.00 min Scan# 149
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion: 39 Resp: 486322

Ion	Ratio	Lower	Upper
39	100		
54	83.9	67.3	100.9



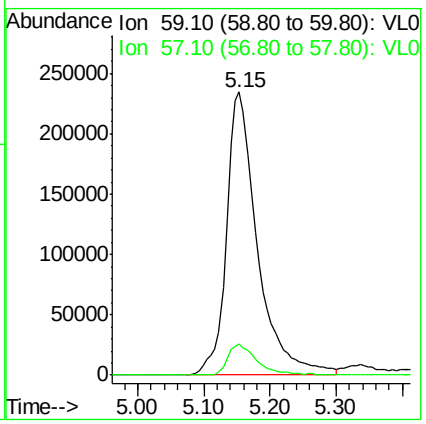


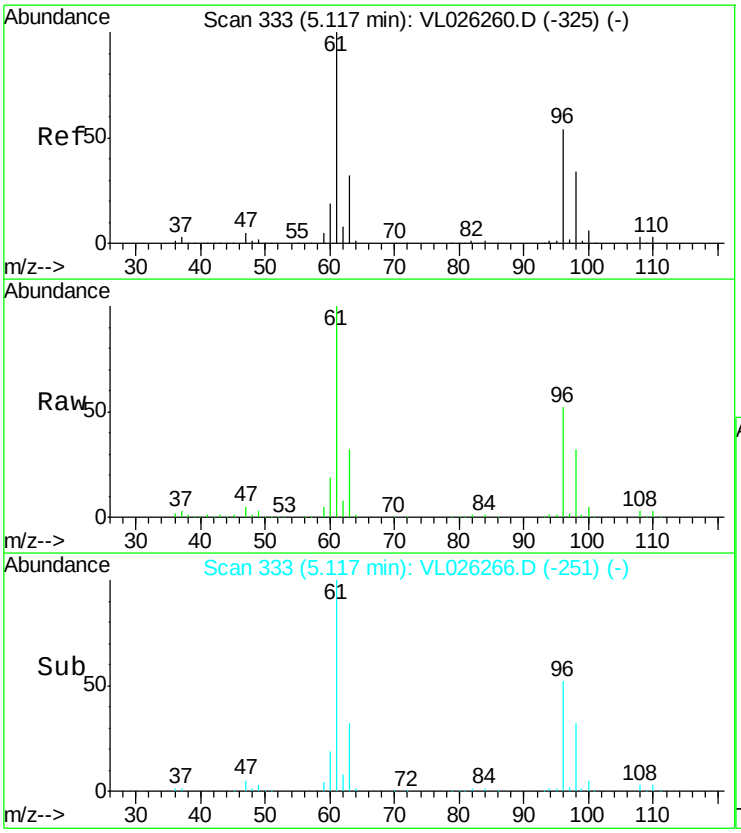
#17
tert-Butyl alcohol
Concen: 14.27 ppbv
RT: 5.15 min Scan# 339
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 59 Resp: 763391

Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.7	13.1

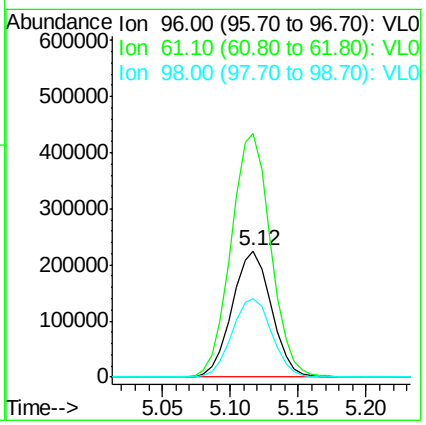


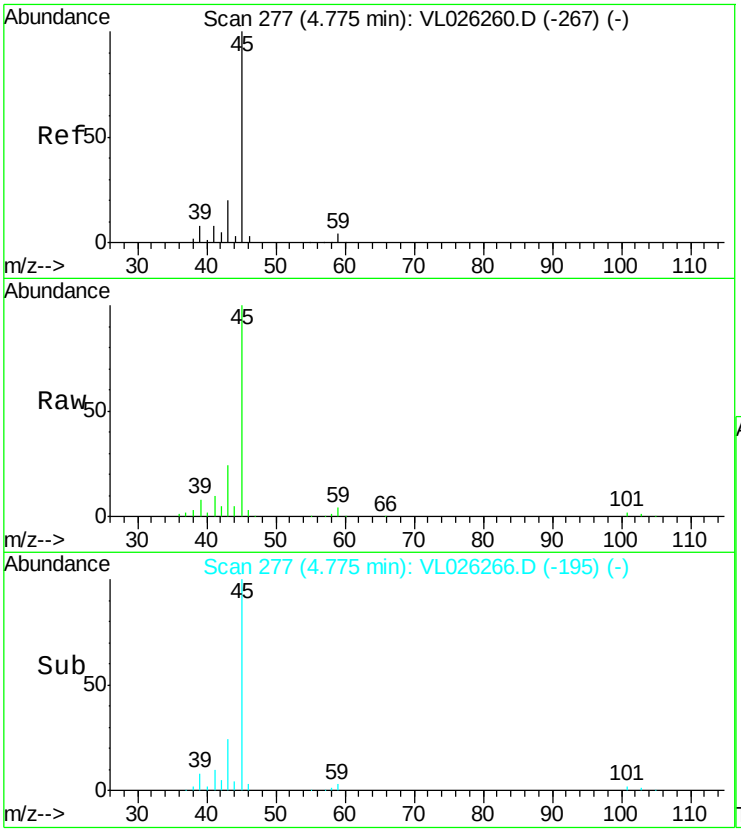


#18
1,1-Dichloroethene
Concen: 13.55 ppbv
RT: 5.12 min Scan# 333
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion: 96 Resp: 454468

Ion	Ratio	Lower	Upper
96	100		
61	192.6	147.0	220.4
98	62.0	50.1	75.1



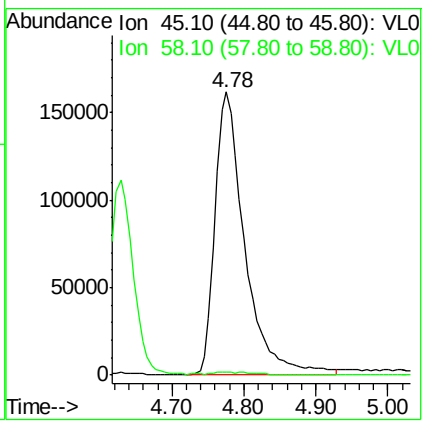


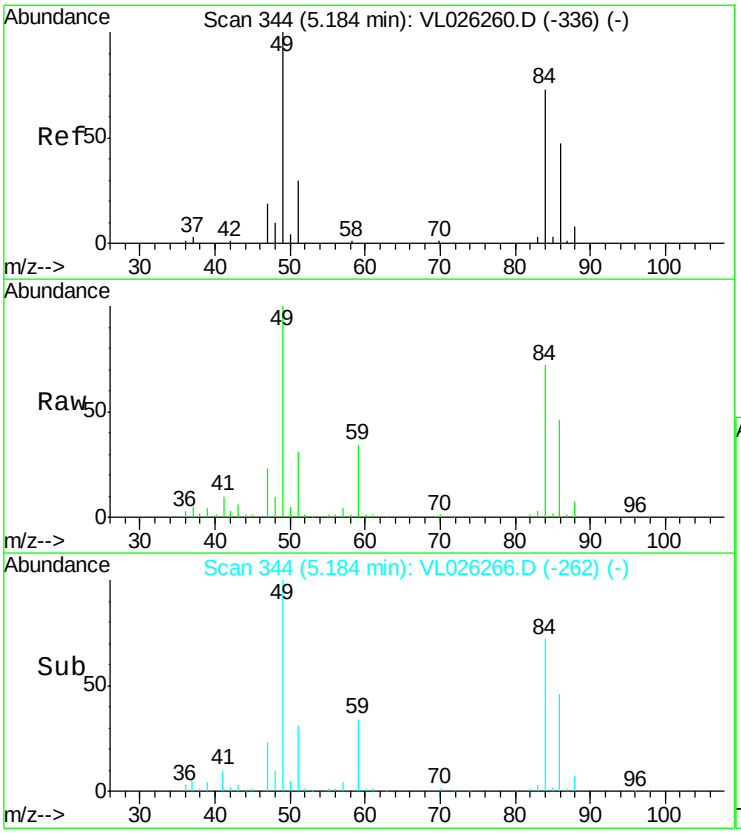
#19
Isopropyl Alcohol
Concen: 15.28 ppbv
RT: 4.78 min Scan# 277
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 45 Resp: 461330

Ion	Ratio	Lower	Upper
45	100		
58	1.9	43.8	65.8#

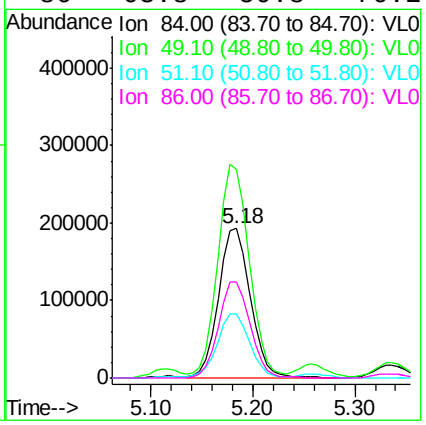


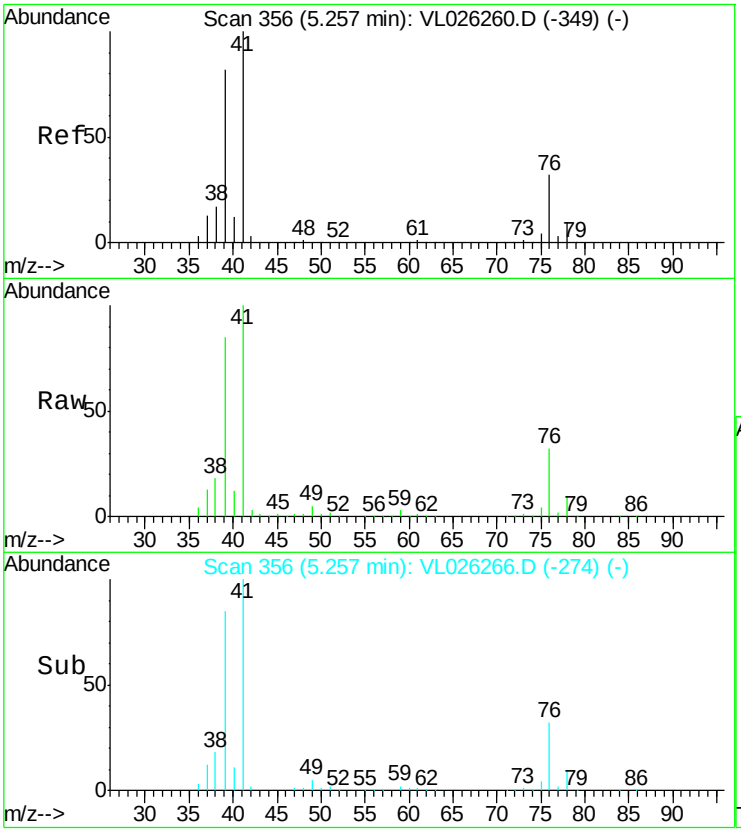


#20
Methylene Chloride
Concen: 13.34 ppbv
RT: 5.18 min Scan# 344
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion: 84 Resp: 419393

Ion	Ratio	Lower	Upper
84	100		
49	137.0	109.0	163.4
51	42.4	32.8	49.2
86	63.8	50.8	76.2



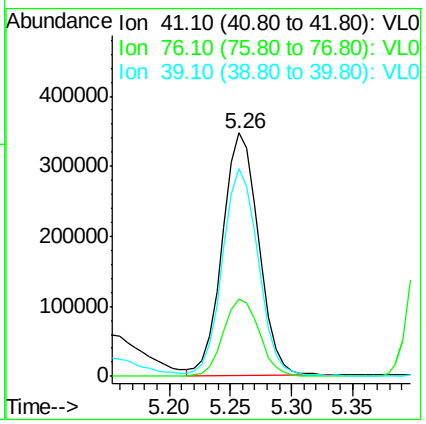


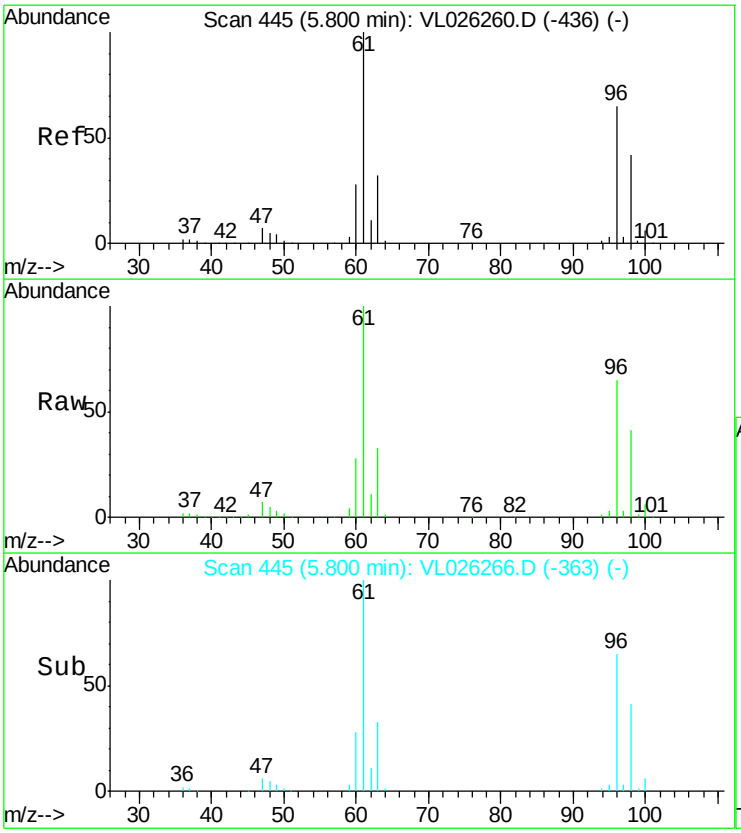
#21
Allvl Chloride
Concen: 13.94 ppbv
RT: 5.26 min Scan# 356
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 41 Resp: 709204

Ion	Ratio	Lower	Upper
41	100		
76	31.9	25.9	38.9
39	84.7	65.8	98.6

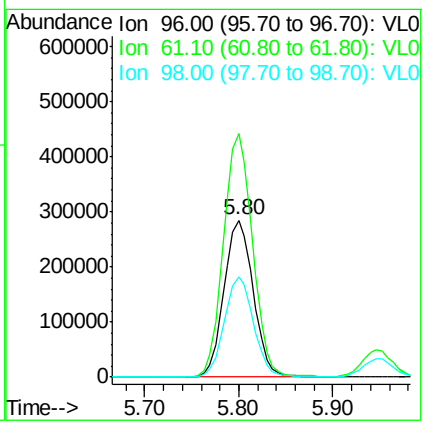


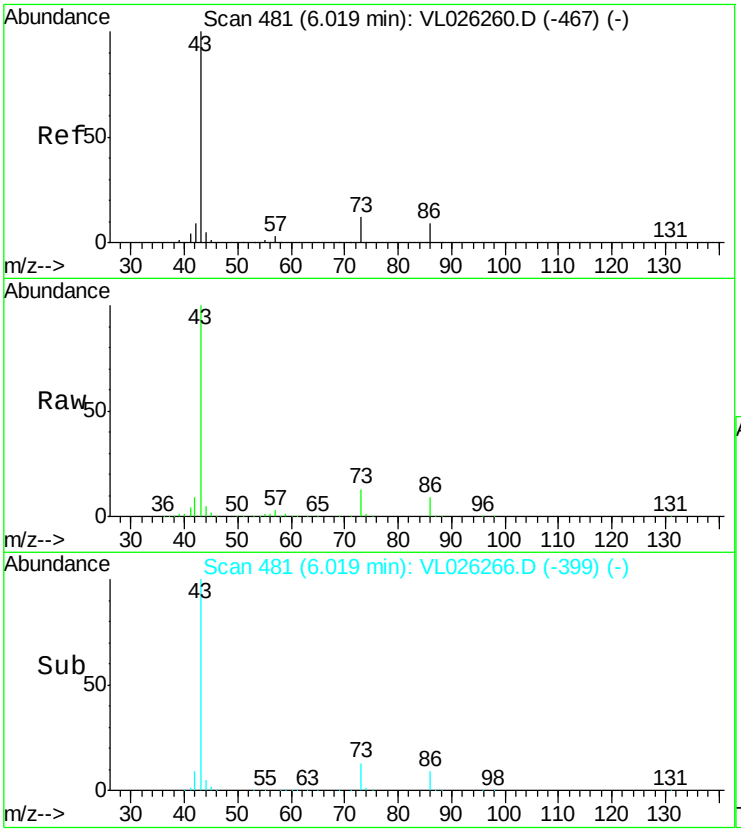


#22
trans-1,2-Dichloroethene
Concen: 13.85 ppbv
RT: 5.80 min Scan# 445
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion: 96 Resp: 616493

Ion	Ratio	Lower	Upper
96	100		
61	155.0	123.2	184.8
98	63.6	51.4	77.0



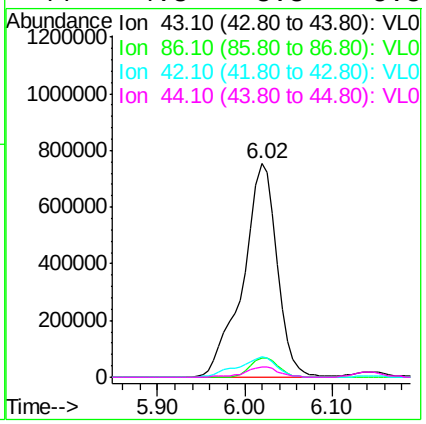


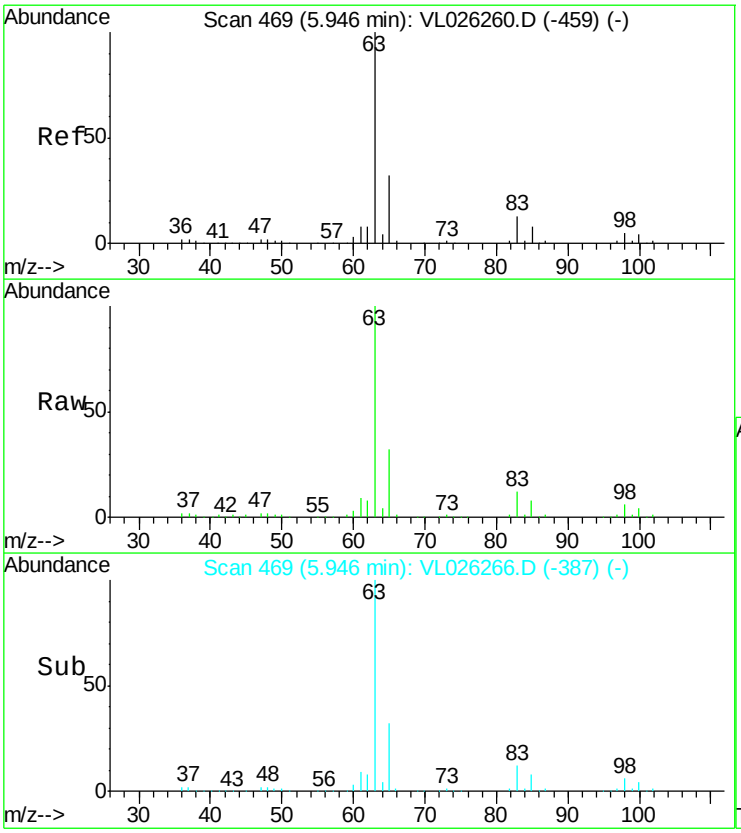
#23
Vinyl Acetate
Concen: 14.68 ppbv
RT: 6.02 min Scan# 481
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 43 Resp: 2033647

Ion	Ratio	Lower	Upper
43	100		
86	9.2	7.3	10.9
42	9.4	7.2	10.8
44	4.8	3.8	5.8

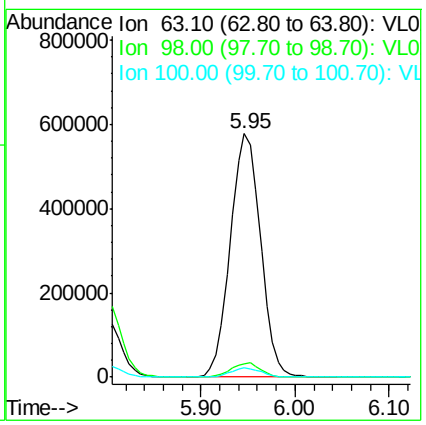


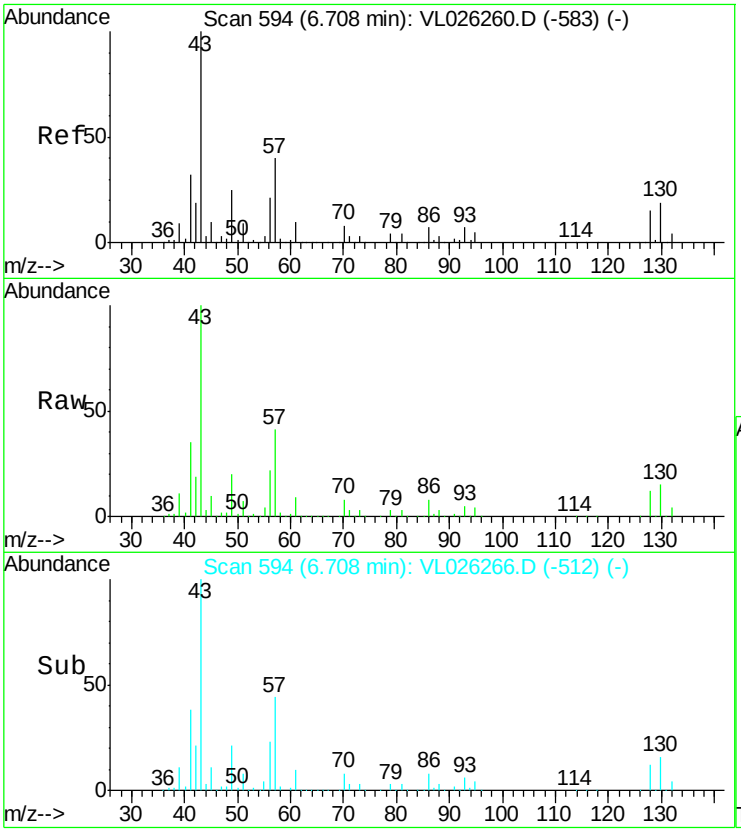


#24
1,1-Dichloroethane
Concen: 13.63 ppbv
RT: 5.95 min Scan# 469
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion: 63 Resp: 1294368

Ion	Ratio	Lower	Upper
63	100		
98	5.6	2.7	8.1
100	3.6	1.9	5.7



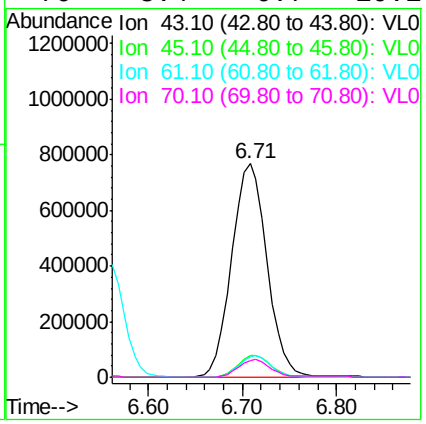


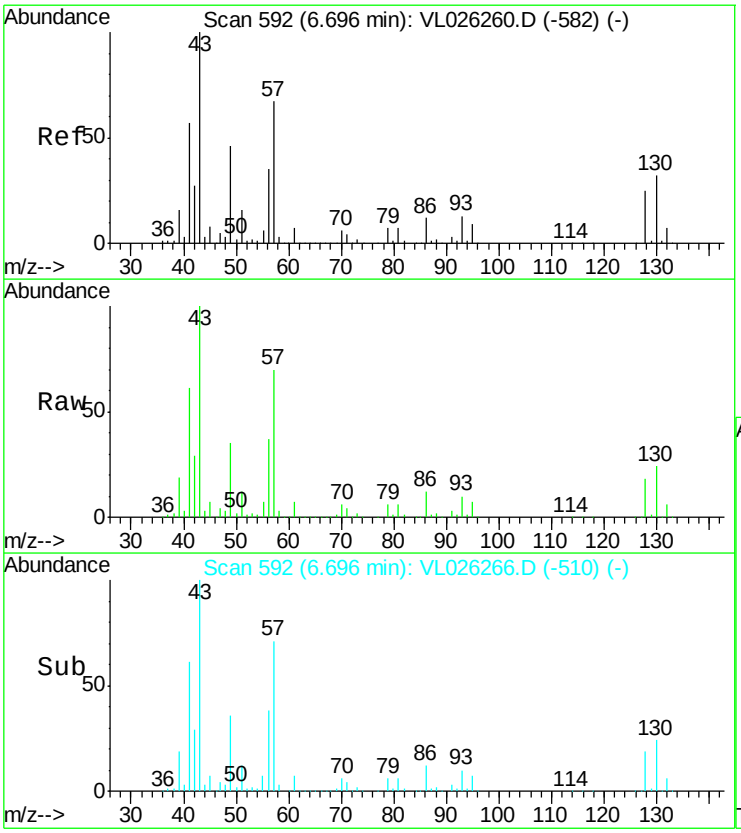
#25
Ethyl Acetate
Concen: 13.35 ppbv
RT: 6.71 min Scan# 594
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 43 Resp: 2005182

Ion	Ratio	Lower	Upper
43	100		
45	9.6	7.6	11.4
61	9.4	7.4	11.2
70	8.4	6.7	10.1

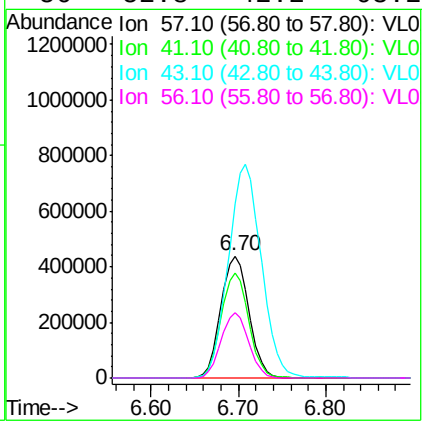


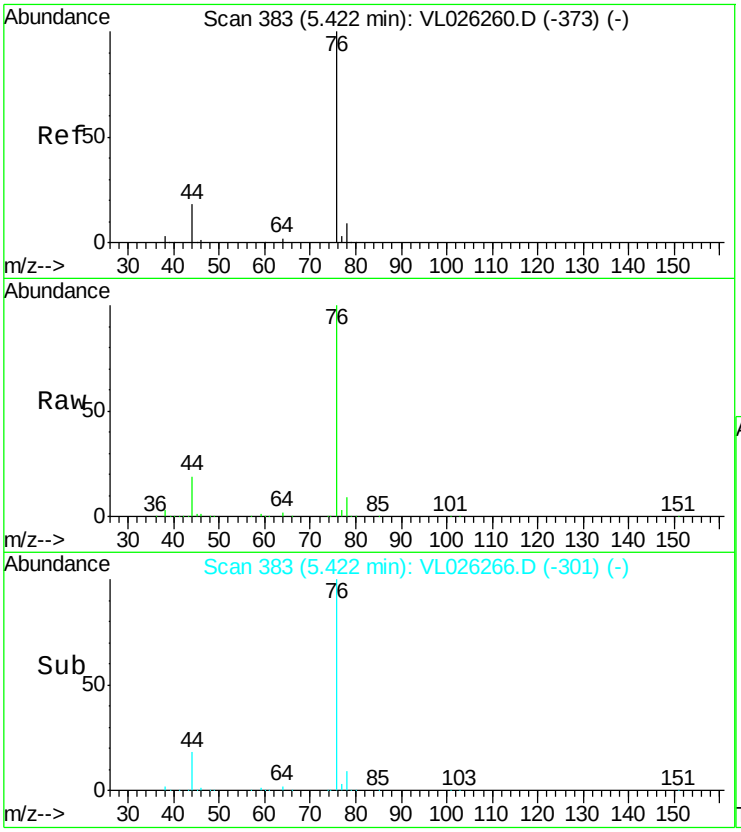


#26
Hexane
Concen: 13.24 ppbv
RT: 6.70 min Scan# 592
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion: 57 Resp: 976337

Ion	Ratio	Lower	Upper
57	100		
41	86.0	67.4	101.2
43	207.1	163.9	245.9
56	52.8	42.2	63.2



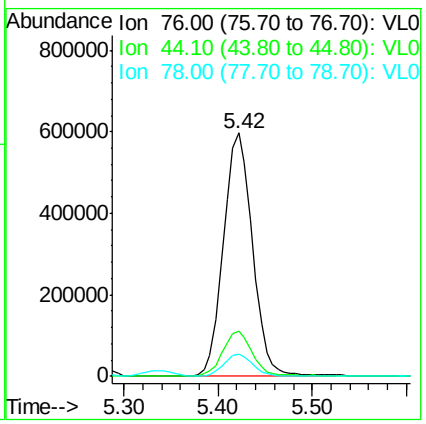


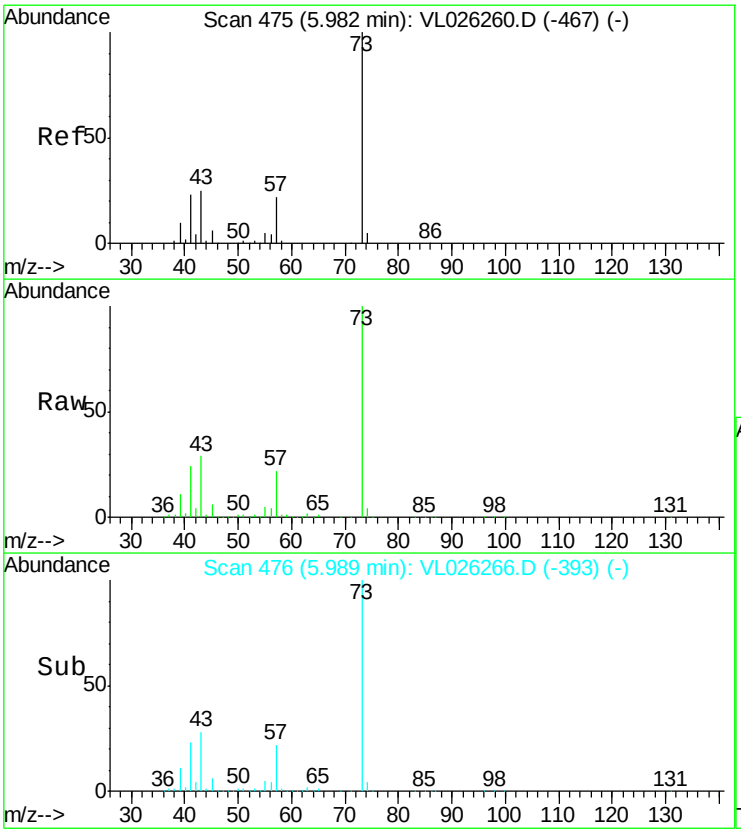
#27
Carbon Disulfide
Concen: 14.44 ppbv
RT: 5.42 min Scan# 383
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 76 Resp: 1280500

Ion	Ratio	Lower	Upper
76	100		
44	18.6	14.1	21.1
78	9.3	7.4	11.0

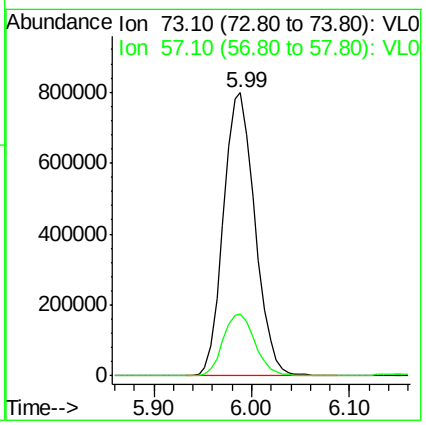


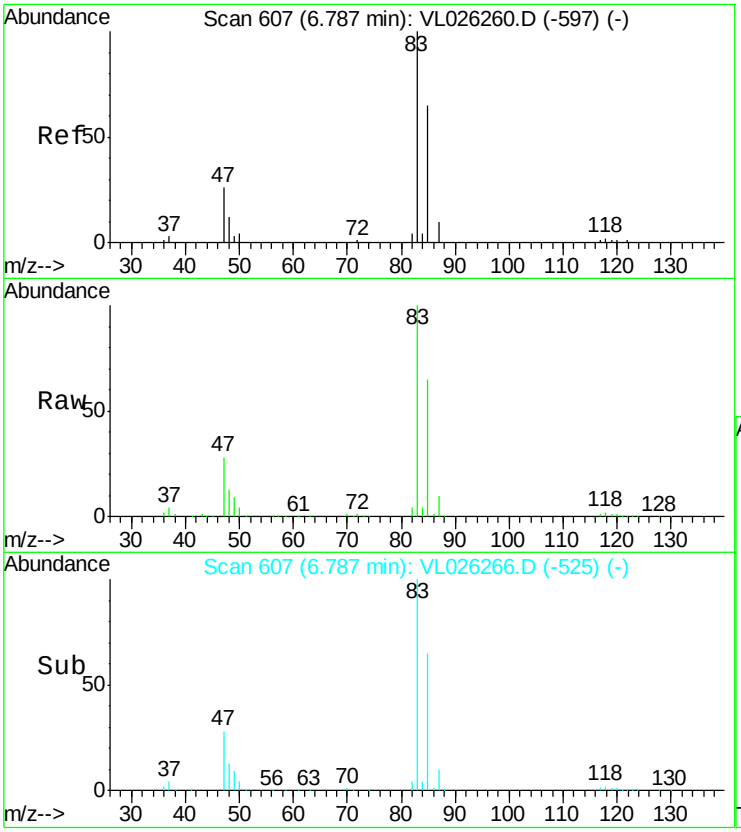


#28
Methyl tert-Butyl Ether
Concen: 13.75 ppbv
RT: 5.99 min Scan# 476
Delta R.T. 0.01 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion: 73 Resp: 1784952

Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.8	26.6



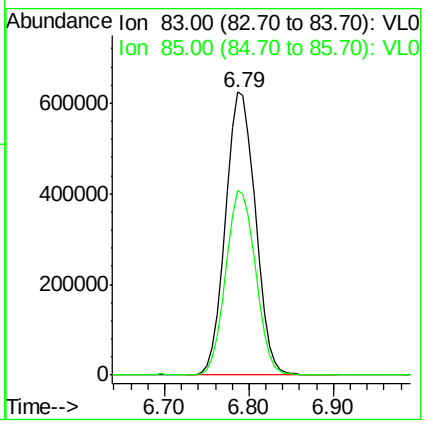


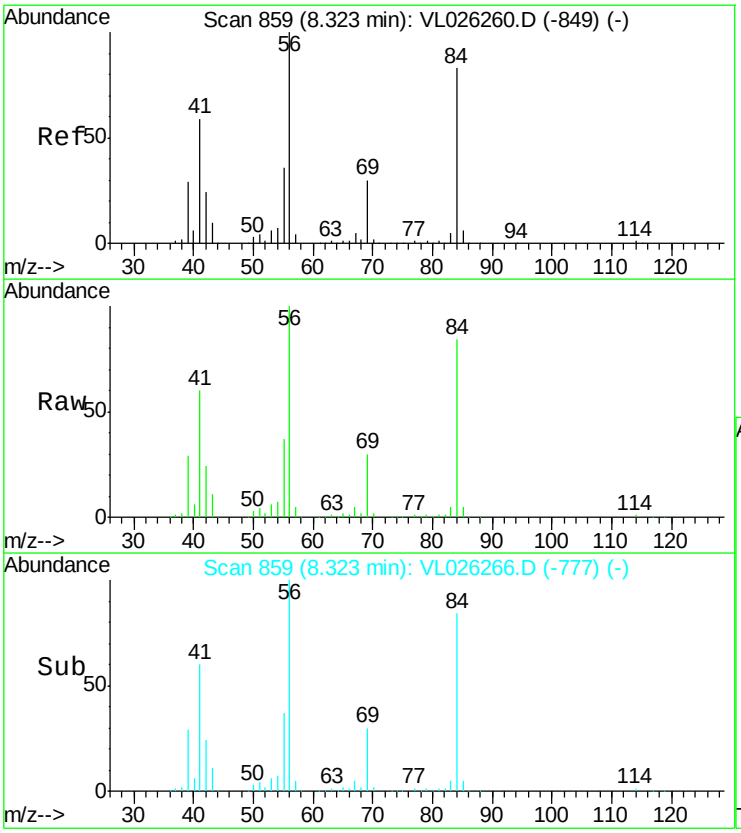
#29
Chloroform
Concen: 13.83 ppbv
RT: 6.79 min Scan# 607
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 83 Resp: 1505731

Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.0	78.0

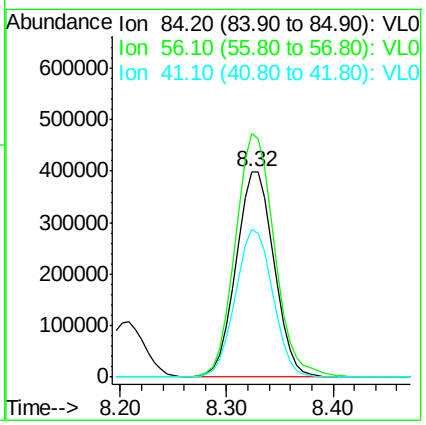


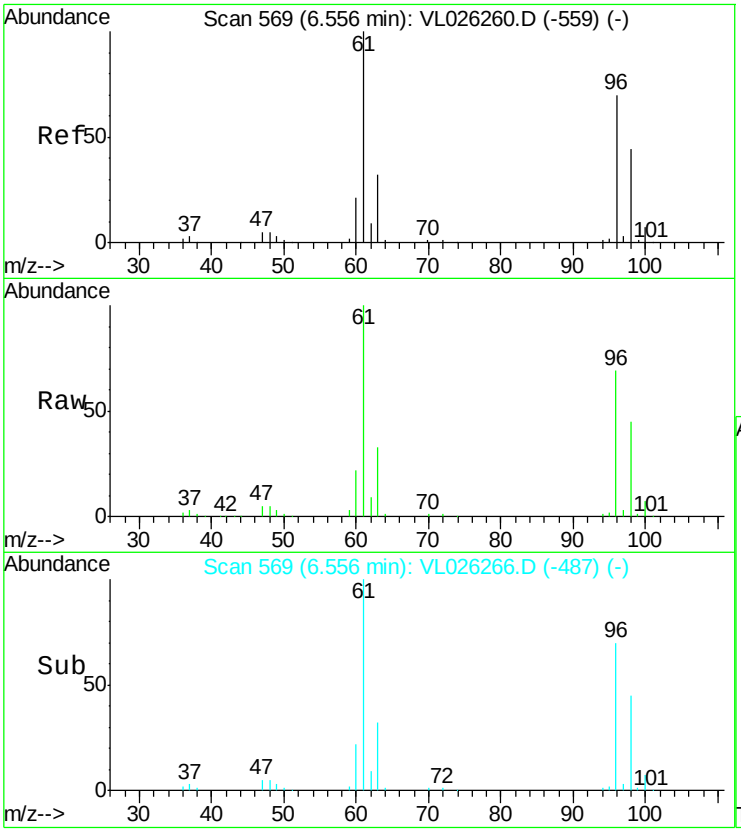


#30
Cyclohexane
Concen: 13.79 ppbv
RT: 8.32 min Scan# 859
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion: 84 Resp: 998993

Ion	Ratio	Lower	Upper
84	100		
56	122.6	99.6	149.4
41	71.3	56.7	85.1



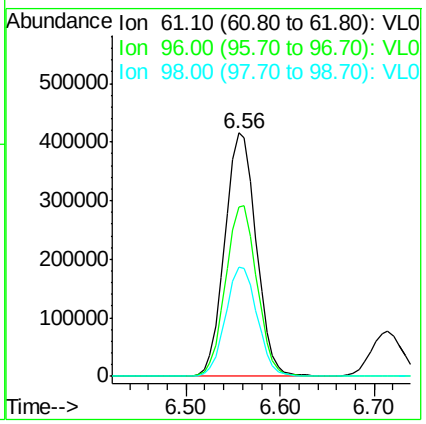


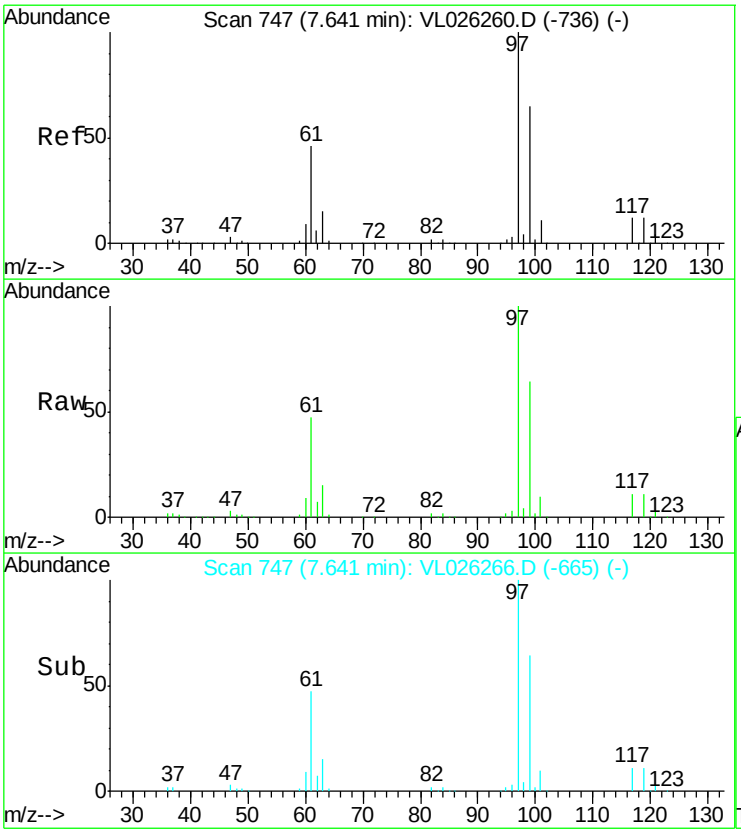
#31
cis-1,2-Dichloroethene
Concen: 14.32 ppbv
RT: 6.56 min Scan# 569
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 61 Resp: 966055

Ion	Ratio	Lower	Upper
61	100		
96	69.5	56.2	84.4
98	44.7	35.4	53.2

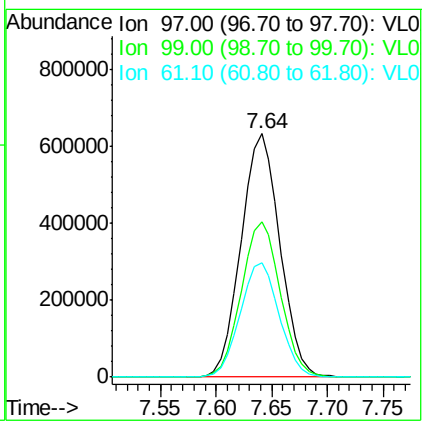


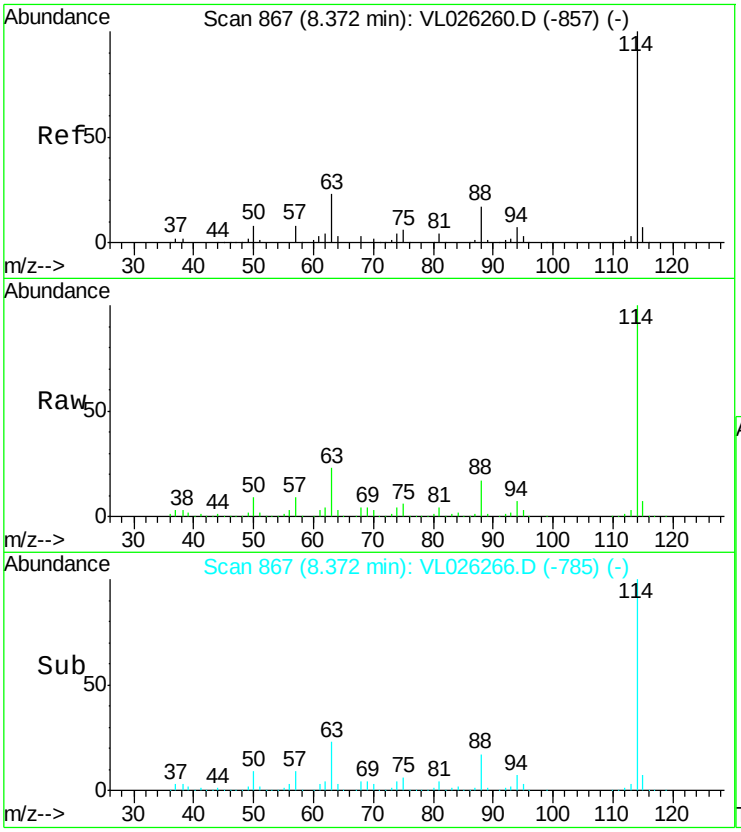


#32
1,1,1-Trichloroethane
Concen: 12.79 ppbv
RT: 7.64 min Scan# 747
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion: 97 Resp: 1544318

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.0	76.6
61	47.3	37.1	55.7



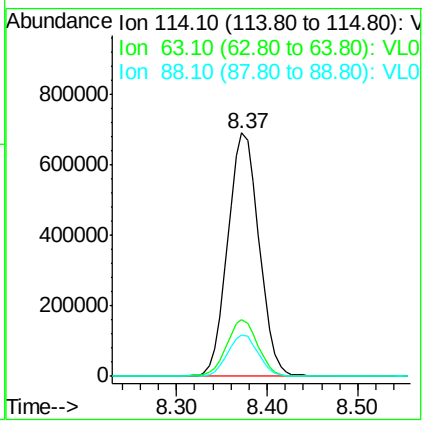


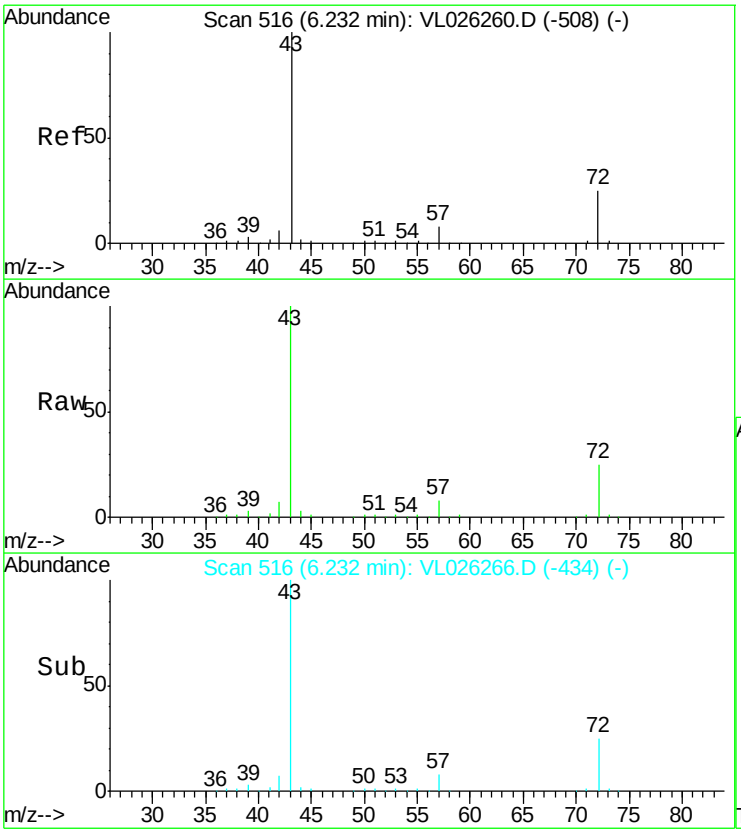
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.37 min Scan# 867
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:114 Resp: 1658978

Ion	Ratio	Lower	Upper
114	100		
63	23.5	18.6	28.0
88	16.8	13.4	20.2

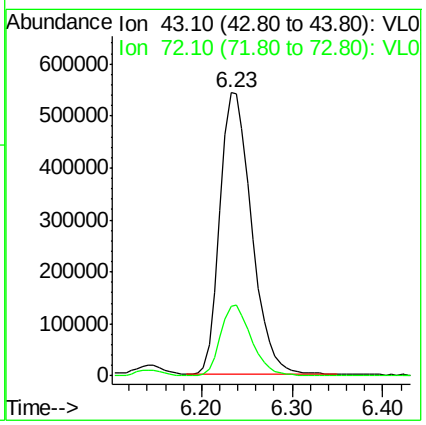


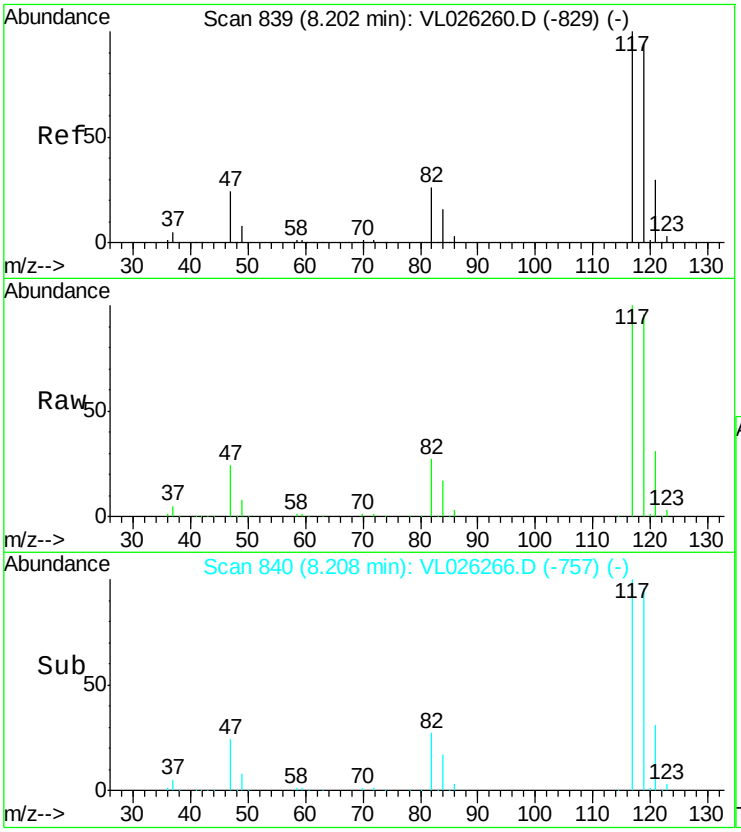


#34
2-Butanone
Concen: 13.23 ppbv
RT: 6.23 min Scan# 516
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion: 43 Resp: 1318524

Ion	Ratio	Lower	Upper
43	100		
72	24.8	19.9	29.9



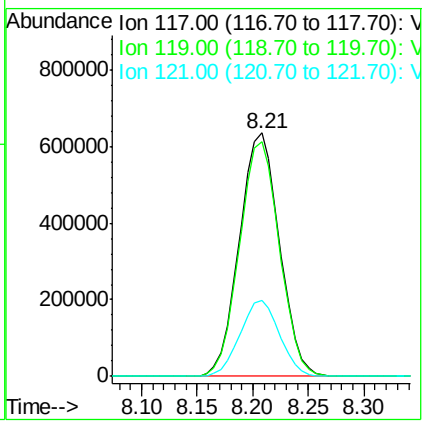


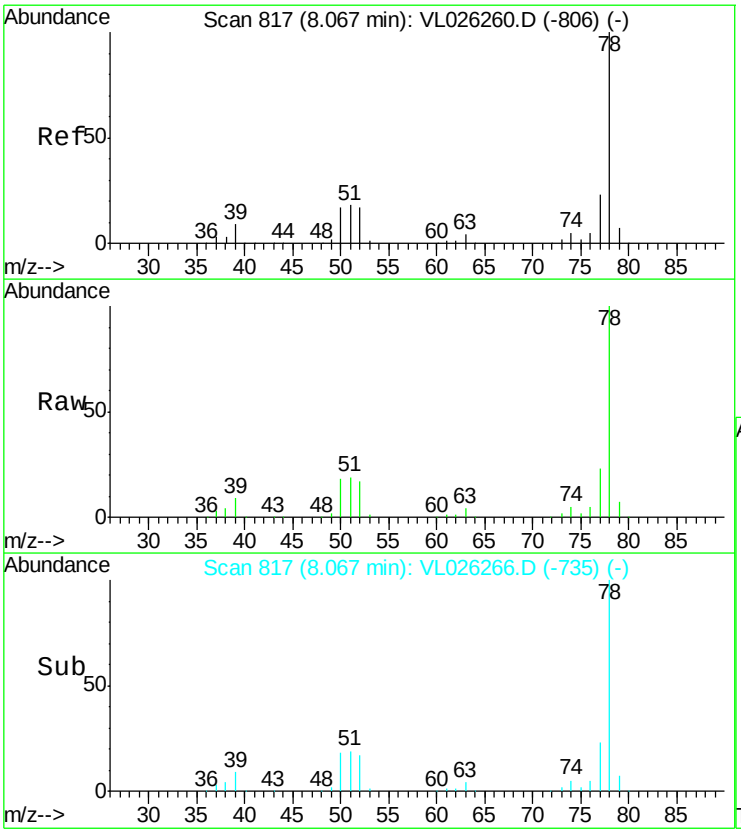
#35
Carbon Tetrachloride
Concen: 12.62 ppbv
RT: 8.21 min Scan# 840
Delta R.T. 0.01 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:117 Resp: 1590538

Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.2	112.8
121	31.0	24.2	36.2

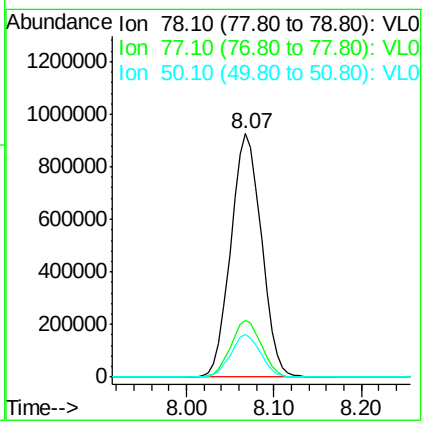


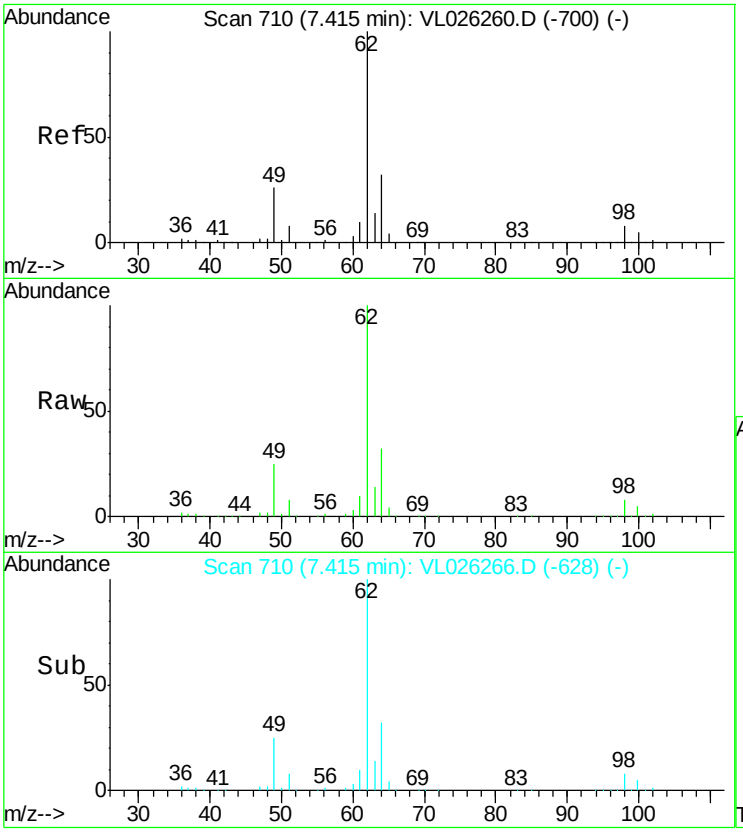


#36
Benzene
Concen: 12.85 ppbv
RT: 8.07 min Scan# 817
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion: 78 Resp: 2259972

Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.0	27.0
50	17.7	13.3	19.9



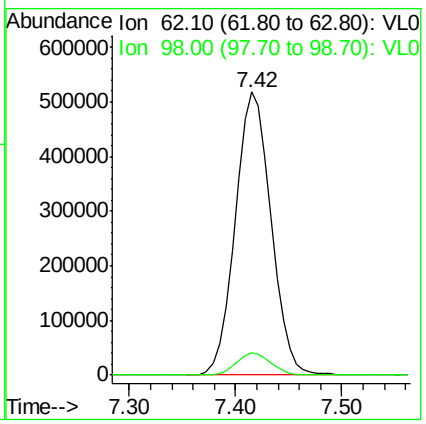


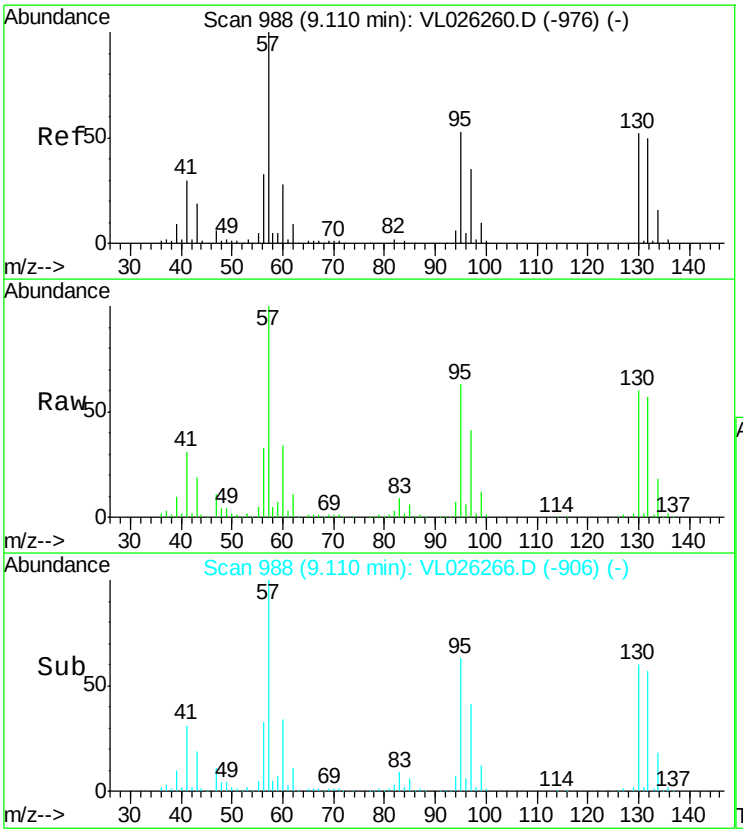
#37
1,2-Dichloroethane
Concen: 13.48 ppbv
RT: 7.42 min Scan# 710
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 62 Resp: 1223449

Ion	Ratio	Lower	Upper
62	100		
98	7.6	6.3	9.5

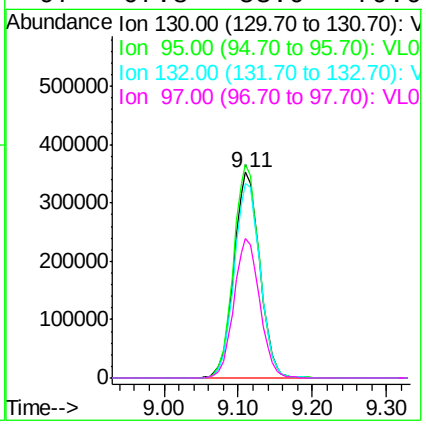


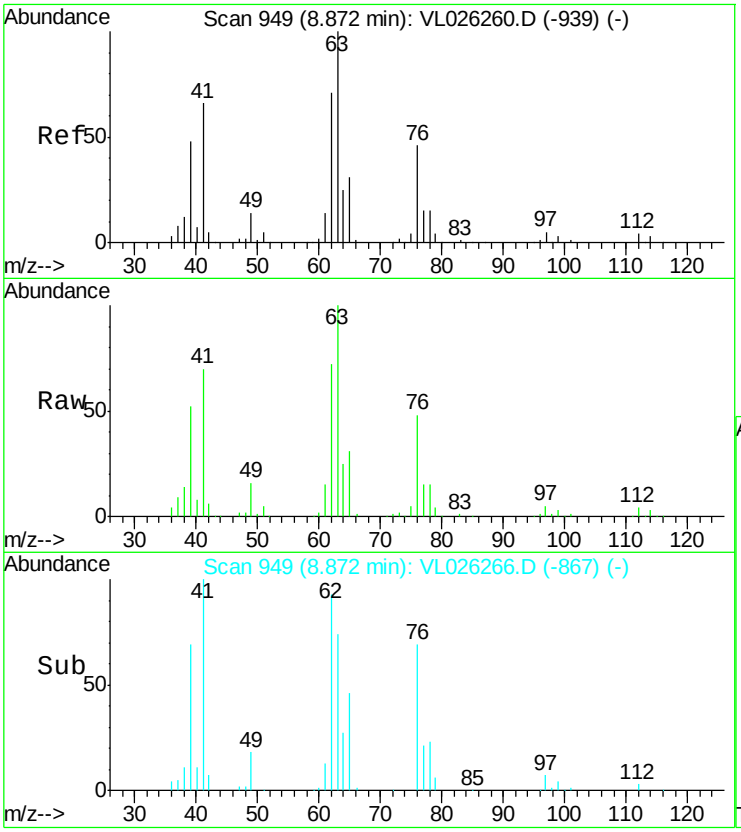


#38
Trichloroethene
Concen: 10.12 ppbv
RT: 9.11 min Scan# 988
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion:130 Resp: 860165

Ion	Ratio	Lower	Upper
130	100		
95	103.7	80.8	121.2
132	94.6	76.2	114.2
97	67.8	53.0	79.6



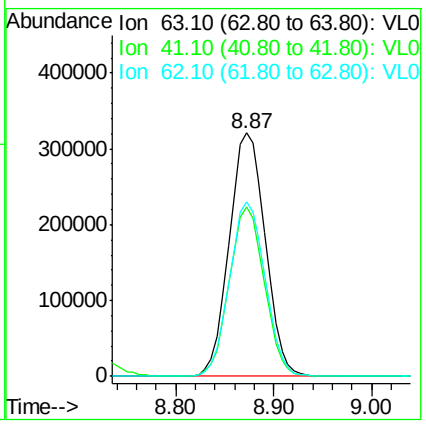


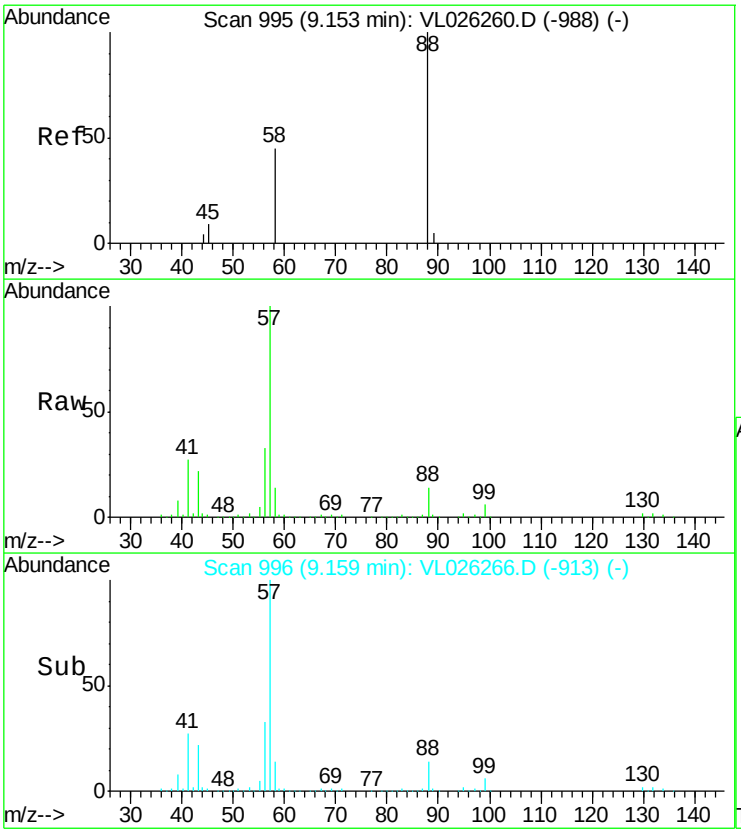
#39
1,2-Dichloropropane
Concen: 12.97 ppbv
RT: 8.87 min Scan# 949
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 63 Resp: 825413

Ion	Ratio	Lower	Upper
63	100		
41	69.5	53.2	79.8
62	71.9	57.1	85.7

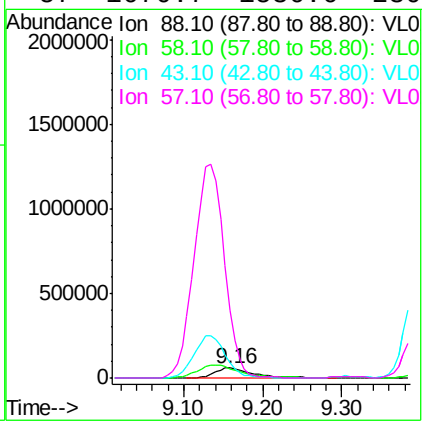


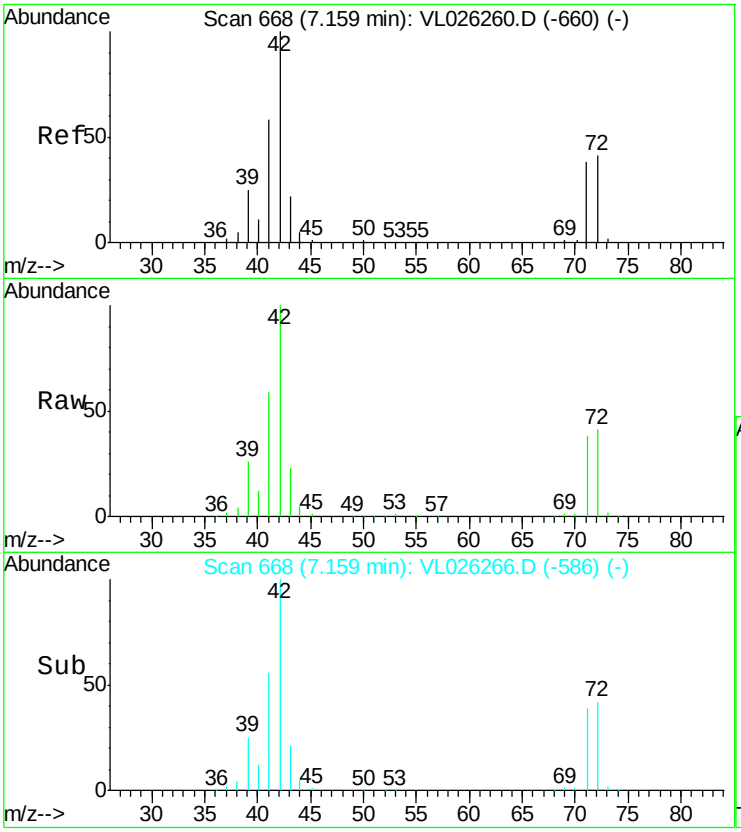


#40
1,4-Dioxane
Concen: 23.59 ppbv
RT: 9.16 min Scan# 996
Delta R.T. 0.01 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion: 88 Resp: 204969

Ion	Ratio	Lower	Upper
88	100		
58	145.9	126.2	189.2
43	343.7	307.3	460.9
57	1670.7	1536.6	2304.8



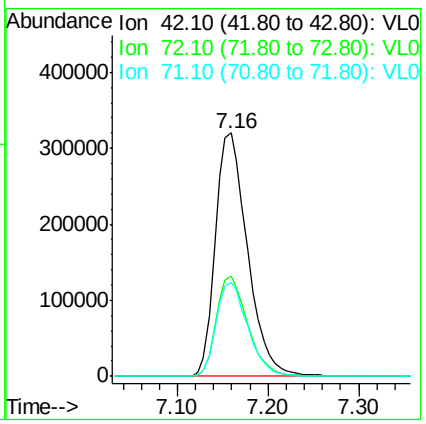


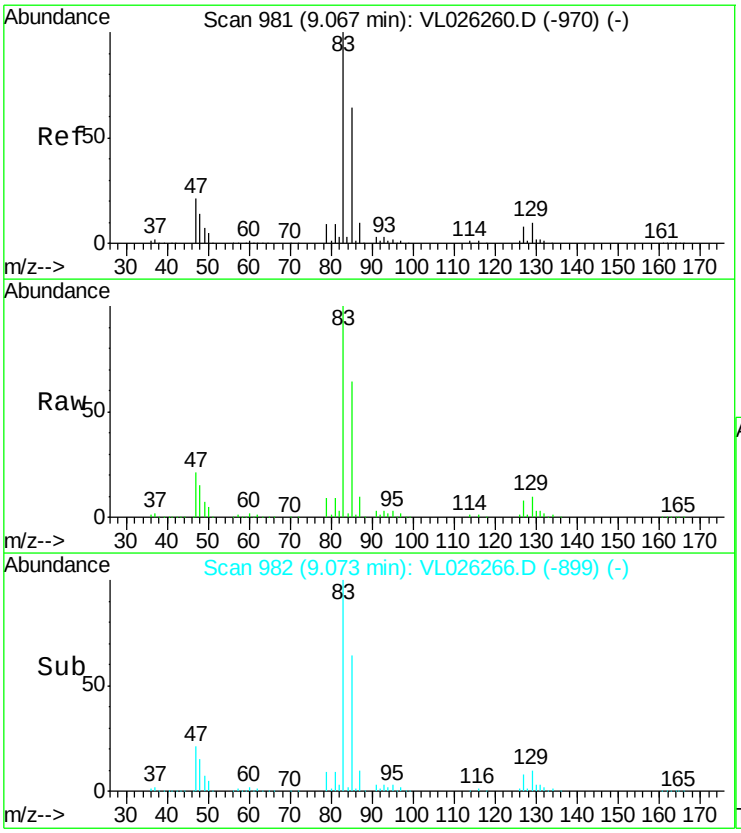
#41
Tetrahydrofuran
Concen: 13.76 ppbv
RT: 7.16 min Scan# 668
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 42 Resp: 790682

Ion	Ratio	Lower	Upper
42	100		
72	40.5	32.2	48.4
71	38.3	30.4	45.6

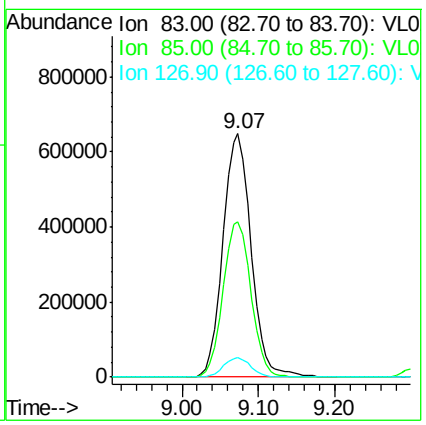


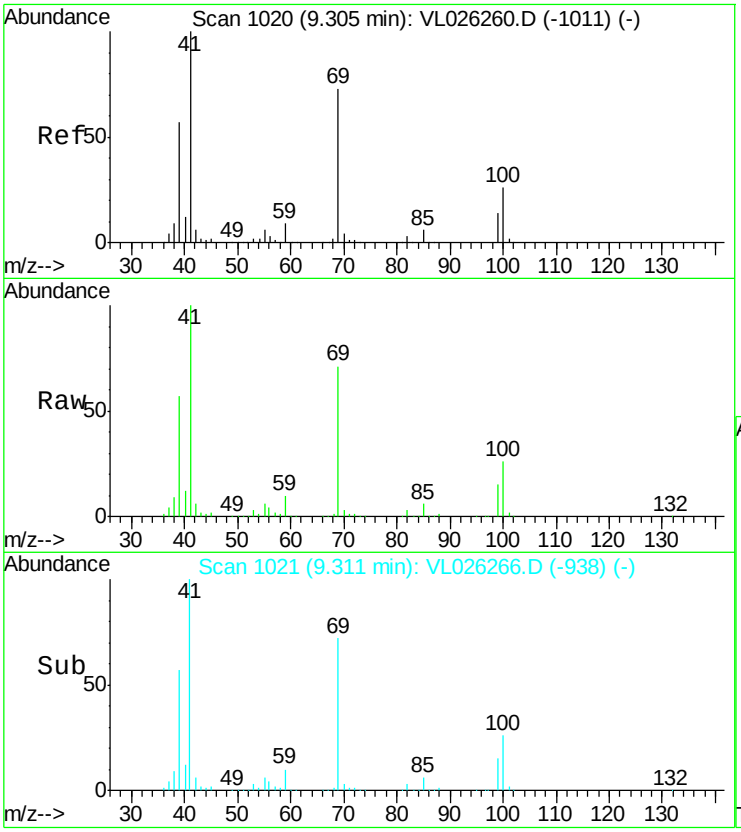


#42
Bromodichloromethane
Concen: 13.51 ppbv
RT: 9.07 min Scan# 982
Delta R.T. 0.01 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion: 83 Resp: 1652112

Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.2	76.8
127	7.9	6.2	9.4



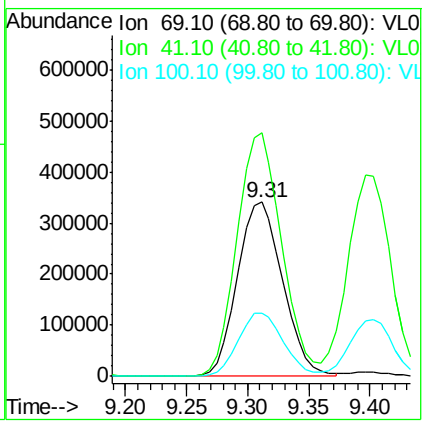


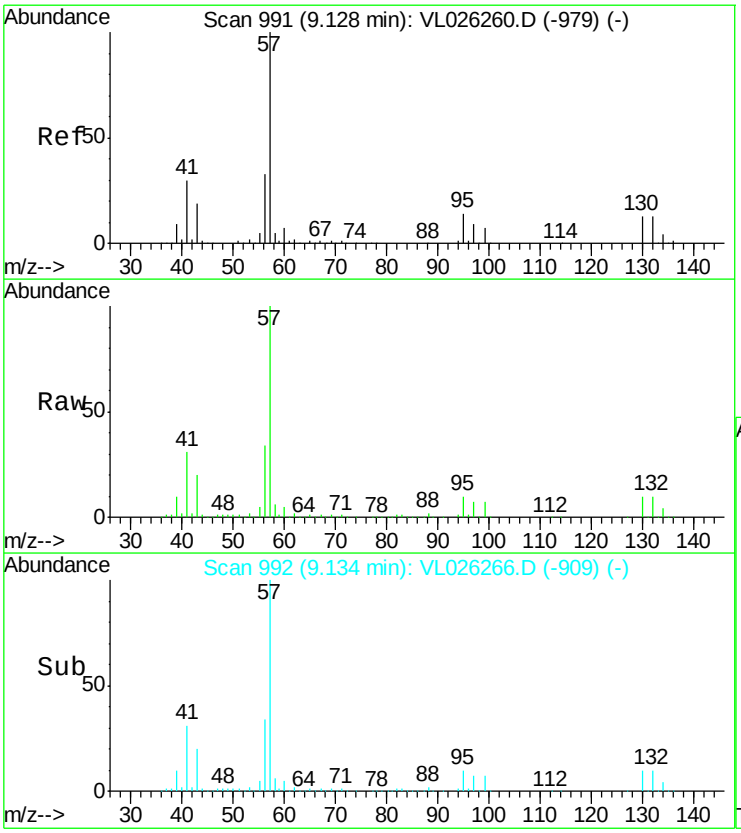
#43
Methyl Methacrylate
Concen: 14.07 ppbv
RT: 9.31 min Scan# 1021
Delta R.T. 0.01 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 69 Resp: 879516

Ion	Ratio	Lower	Upper
69	100		
41	136.7	110.0	165.0
100	35.8	28.6	43.0

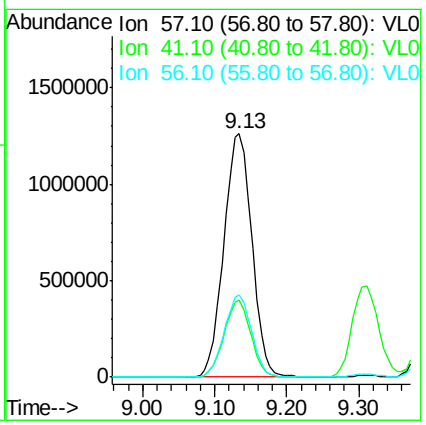


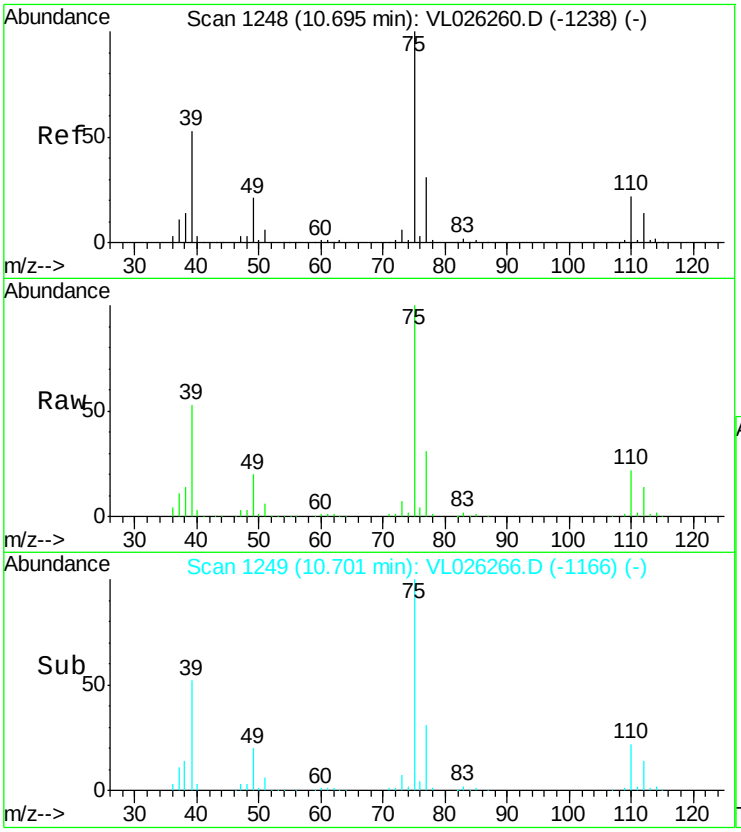


#44
2,2,4-Trimethylpentane
Concen: 11.94 ppbv
RT: 9.13 min Scan# 992
Delta R.T. 0.01 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion: 57 Resp: 3426350

Ion	Ratio	Lower	Upper
57	100		
41	30.0	23.1	34.7
56	32.7	26.3	39.5



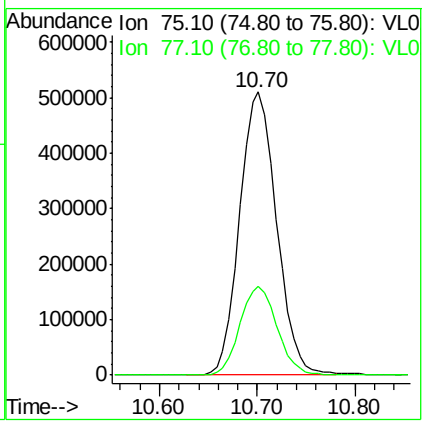


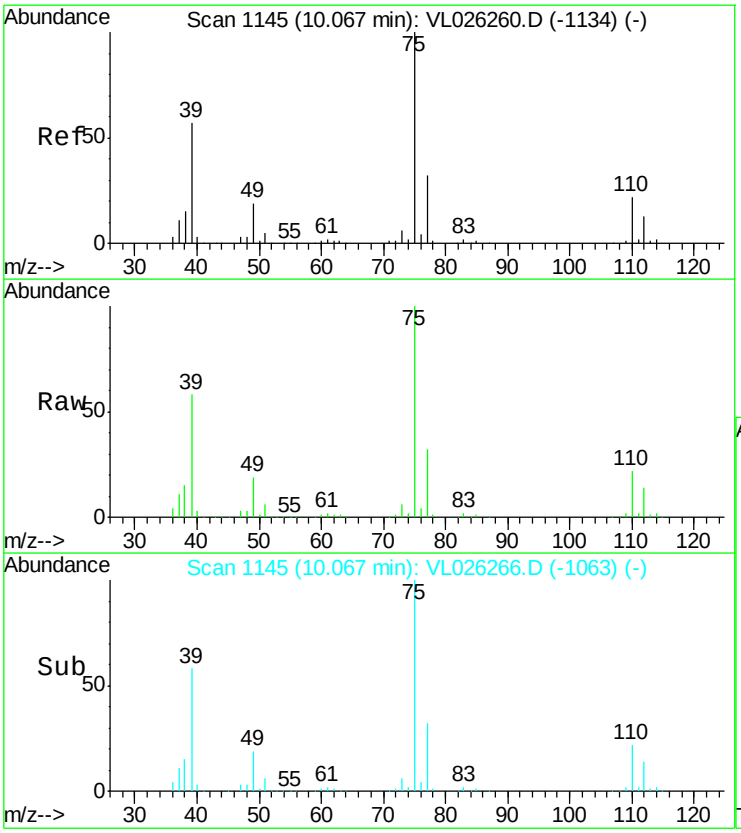
#45
t-1,3-Dichloropropene
Concen: 15.07 ppbv
RT: 10.70 min Scan# 1249
Delta R.T. 0.01 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 75 Resp: 1342084

Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.7	37.1

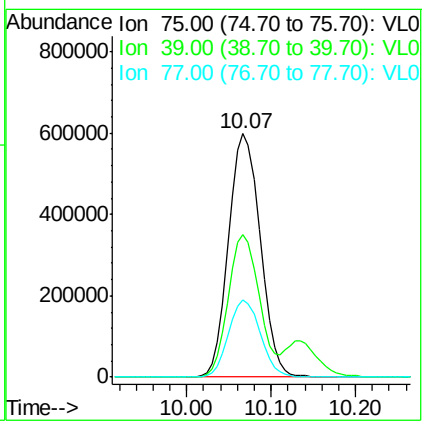


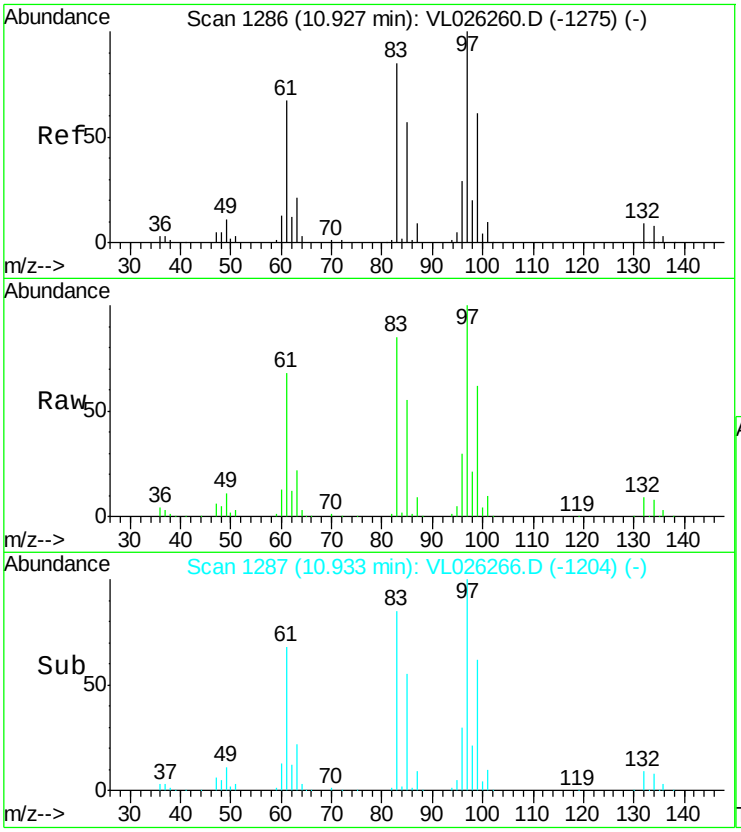


#46
cis-1,3-Dichloropropene
Concen: 14.20 ppbv
RT: 10.07 min Scan# 1145
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion: 75 Resp: 1532728

Ion	Ratio	Lower	Upper
75	100		
39	58.4	45.8	68.8
77	31.9	25.3	37.9



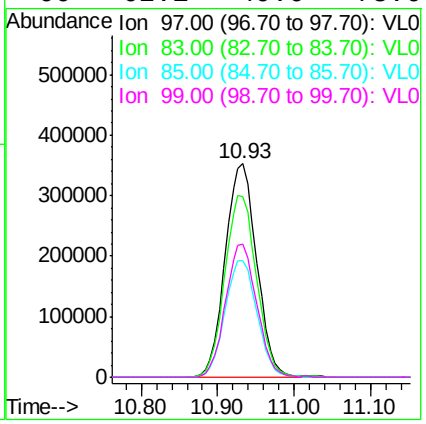


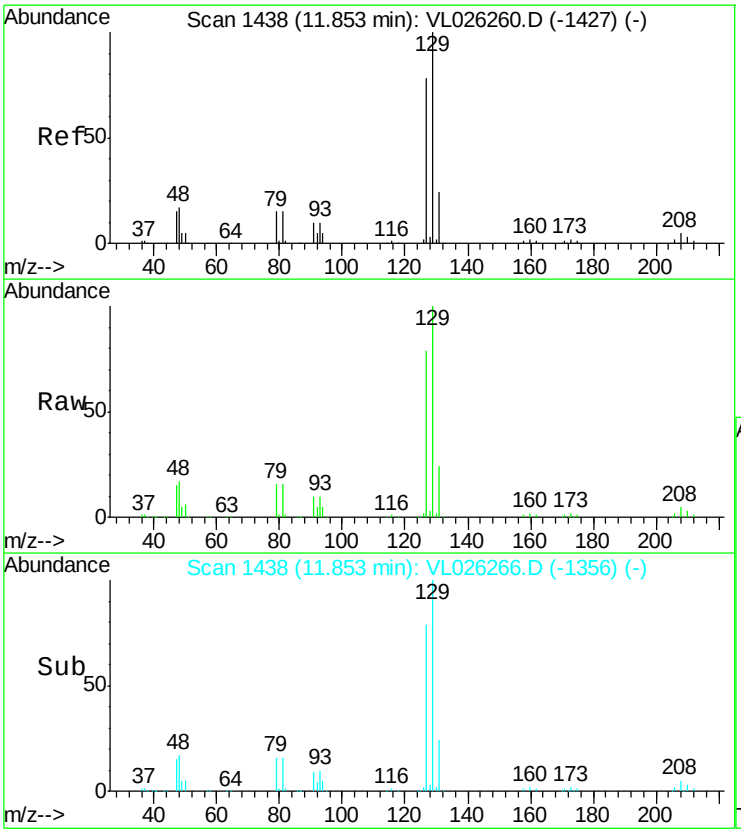
#47
1,1,2-Trichloroethane
Concen: 12.93 ppbv
RT: 10.93 min Scan# 1287
Delta R.T. 0.01 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 97 Resp: 1004808

Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.9	101.9
85	54.8	45.2	67.8
99	62.1	49.0	73.6

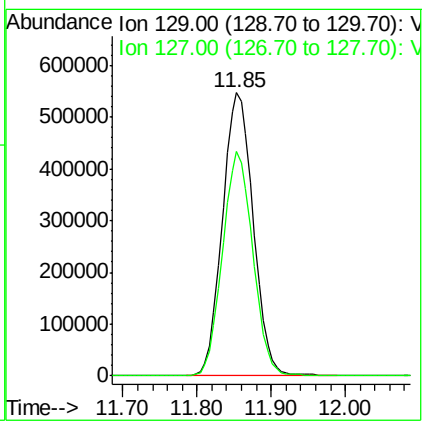


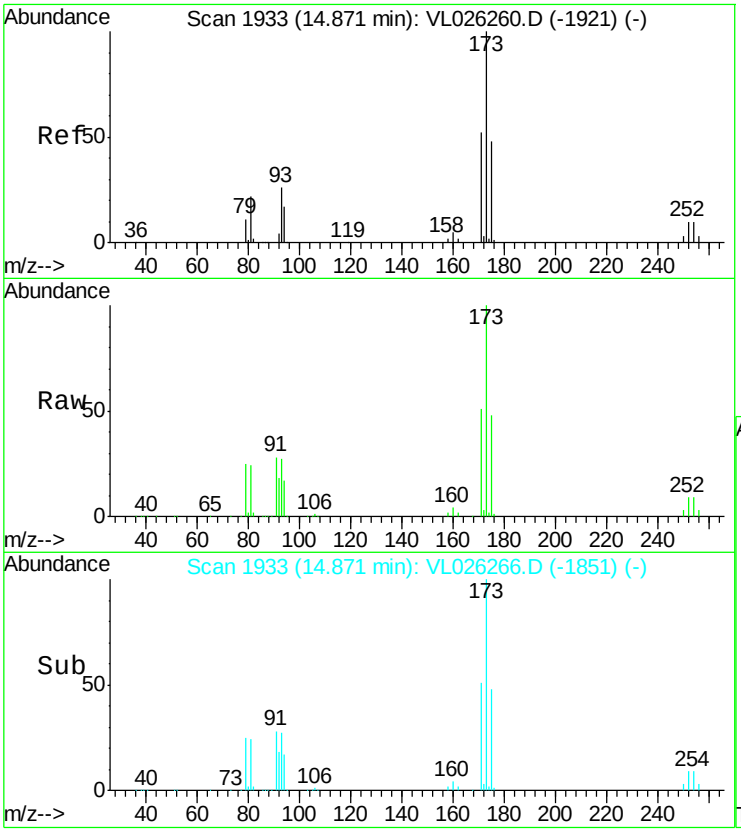


#48
Dibromochloromethane
Concen: 14.07 ppbv
RT: 11.85 min Scan# 1438
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion:129 Resp: 1581031

Ion	Ratio	Lower	Upper
129	100		
127	78.1	39.1	117.2



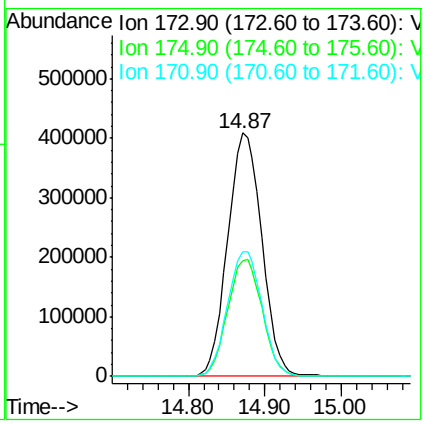


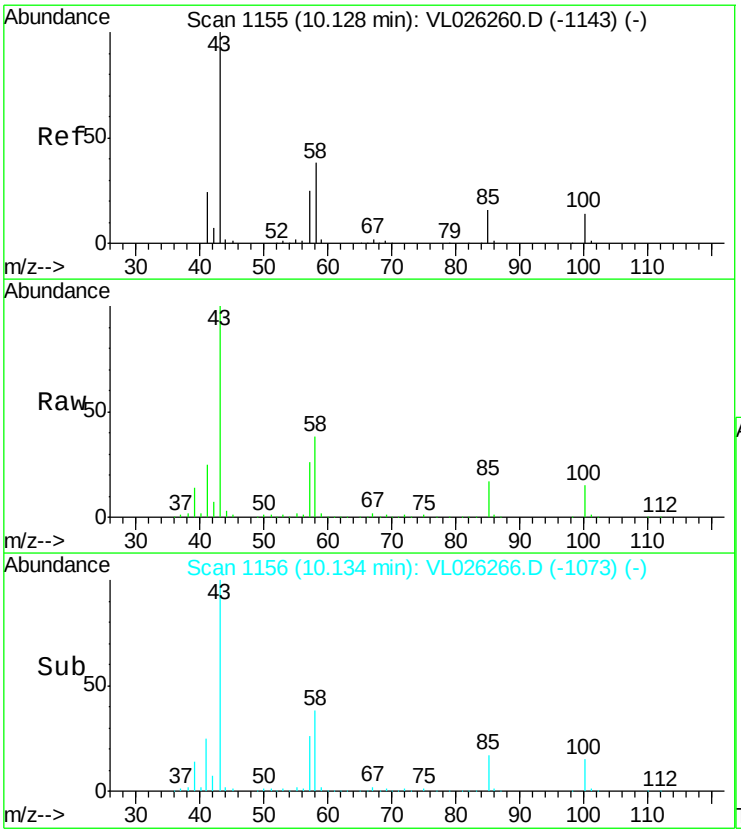
#49
Bromoform
Concen: 14.27 ppbv
RT: 14.87 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:173 Resp: 1266225

Ion	Ratio	Lower	Upper
173	100		
175	48.8	38.8	58.2
171	52.1	41.7	62.5

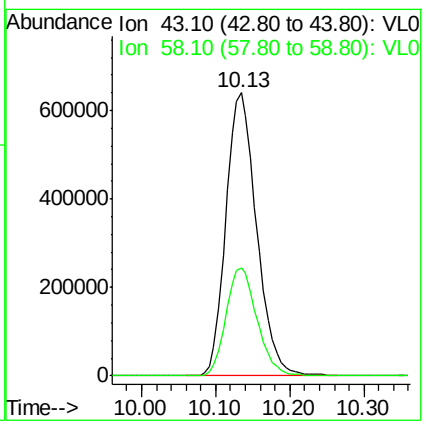


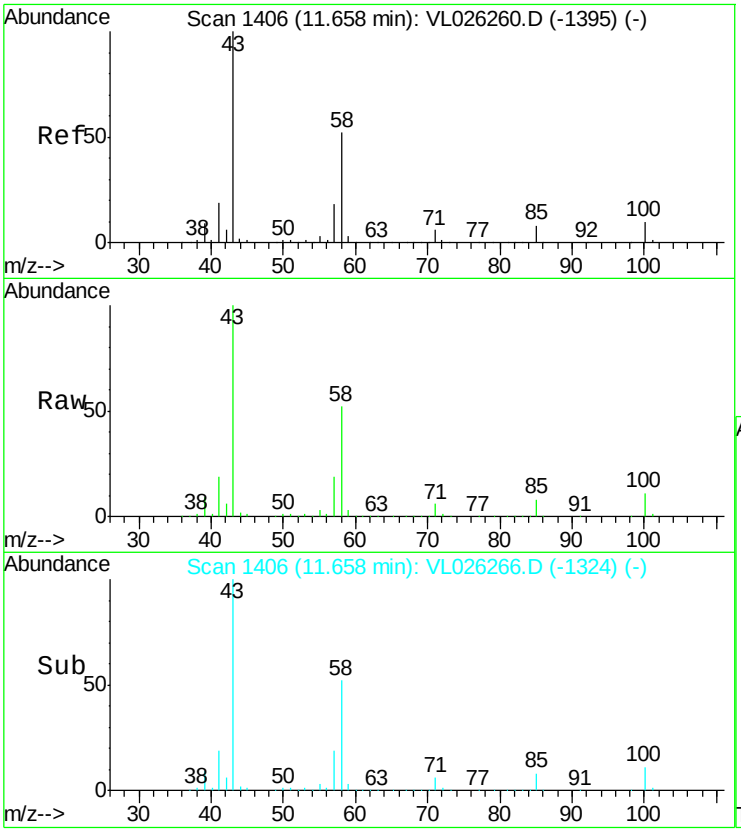


#50
4-Methyl-2-Pentanone
Concen: 13.75 ppbv
RT: 10.13 min Scan# 1156
Delta R.T. 0.01 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion: 43 Resp: 1840525

Ion	Ratio	Lower	Upper
43	100		
58	38.7	30.5	45.7



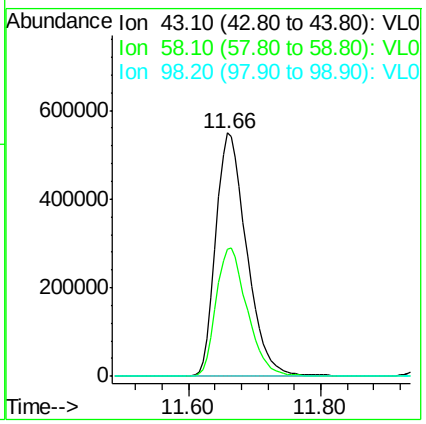


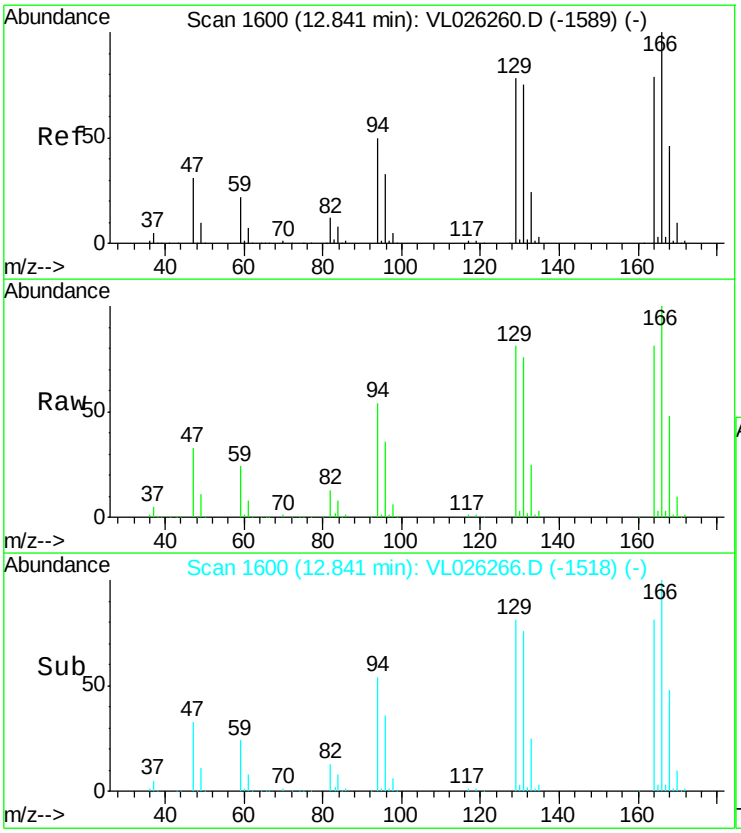
#51
2-Hexanone
Concen: 14.57 ppbv
RT: 11.66 min Scan# 1406
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 43 Resp: 1778123

Ion	Ratio	Lower	Upper
43	100		
58	53.3	42.7	64.1
98	0.1	0.0	0.0#

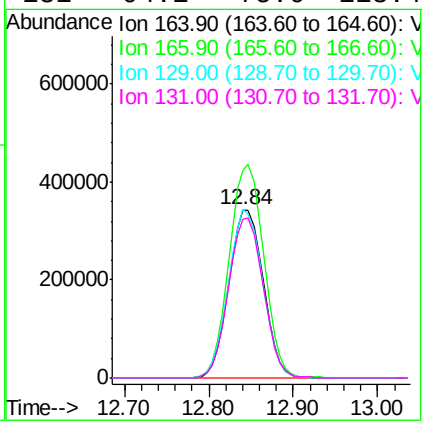


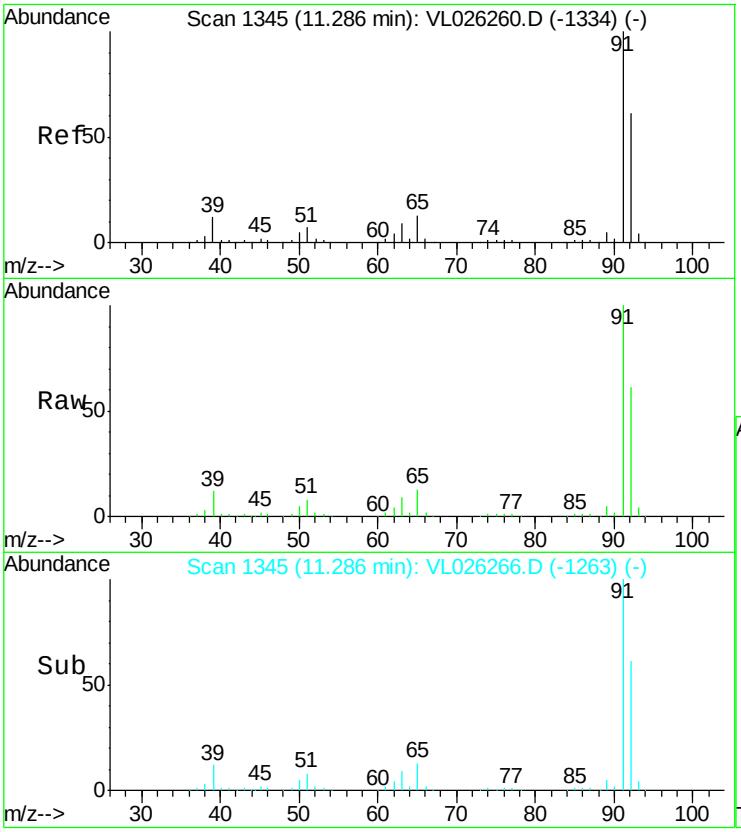


#52
Tetrachloroethene
Concen: 10.66 ppbv
RT: 12.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion:164 Resp: 954071

Ion	Ratio	Lower	Upper
164	100		
166	123.6	101.4	152.0
129	100.3	78.8	118.2
131	94.1	75.6	113.4



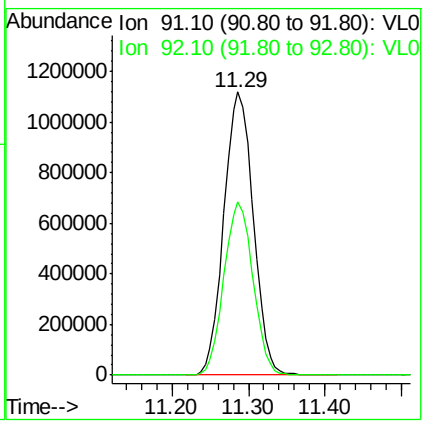


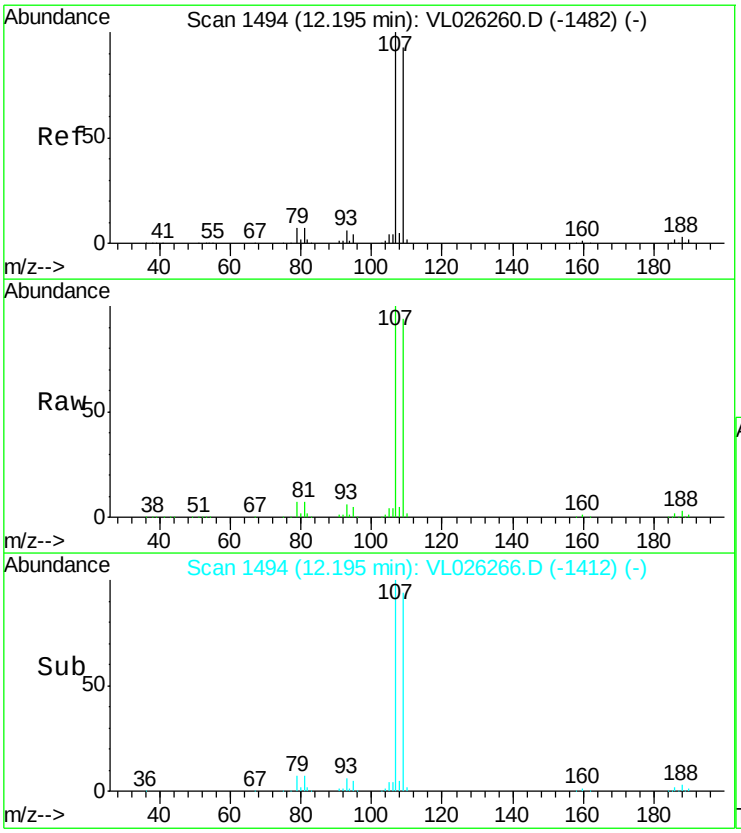
#53
Toluene
Concen: 12.98 ppbv
RT: 11.29 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 2980950

Ion	Ratio	Lower	Upper
91	100		
92	60.8	48.6	73.0

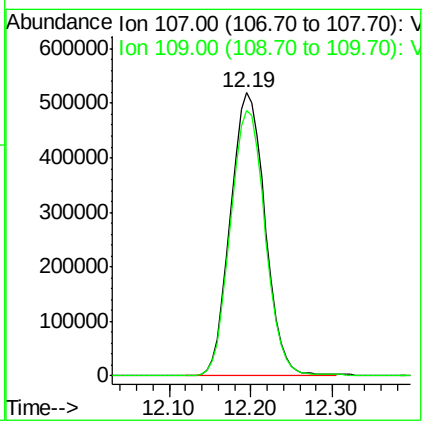


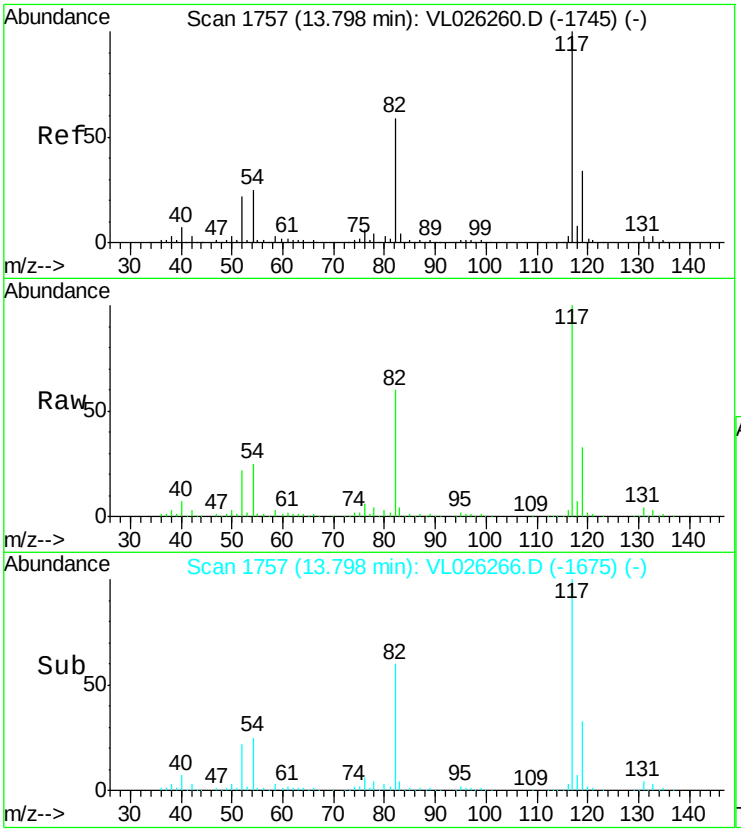


#54
1,2-Dibromoethane
Concen: 12.99 ppbv
RT: 12.19 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion:107 Resp: 1532160

Ion	Ratio	Lower	Upper
107	100		
109	94.0	74.6	112.0



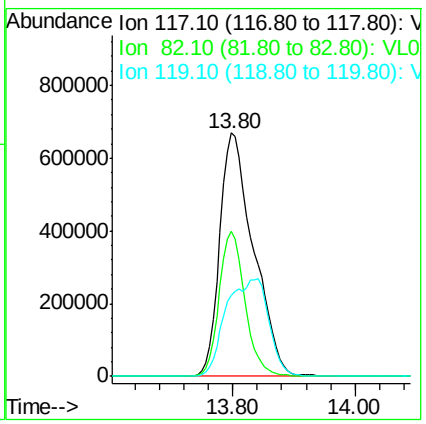


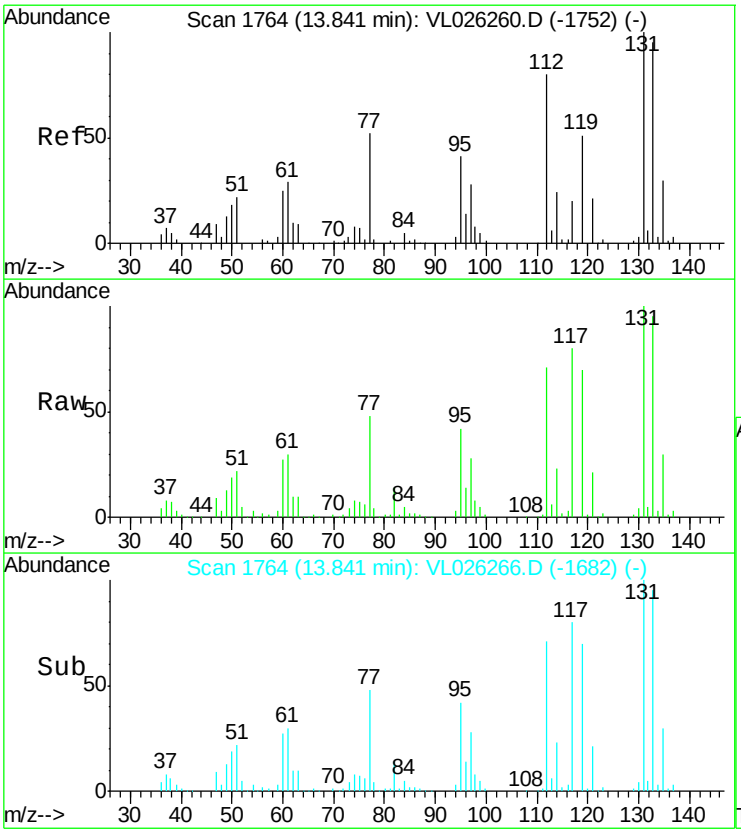
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.80 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:117 Resp: 2571841

Ion	Ratio	Lower	Upper
117	100		
82	0.0	48.2	72.4#
119	50.8	46.2	69.2

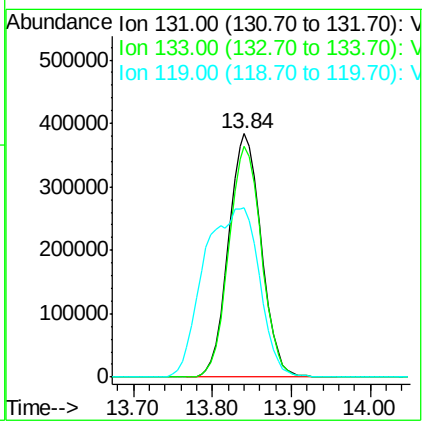


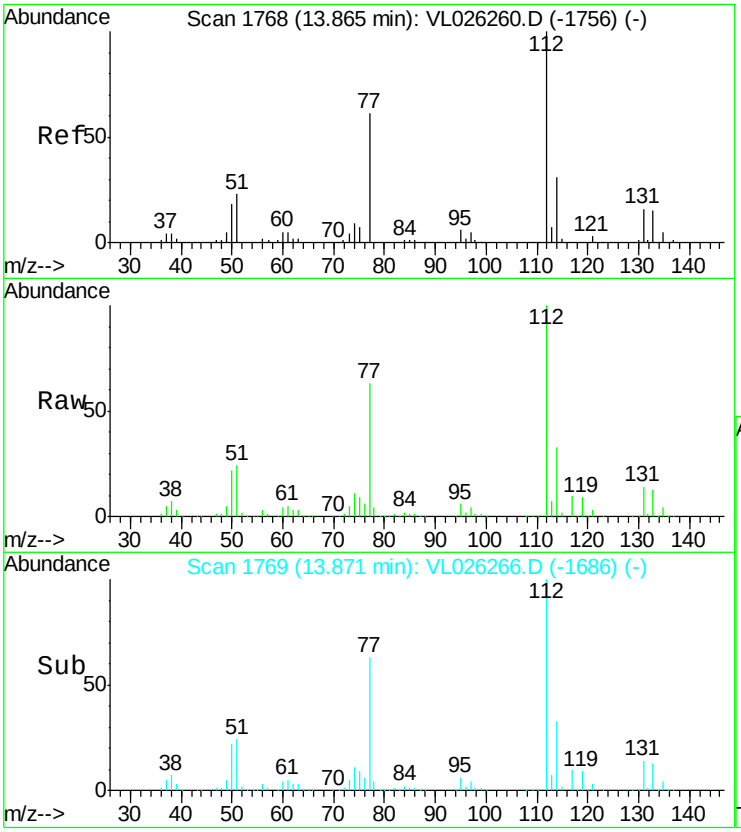


#56
1,1,1,2-Tetrachloroethane
Concen: 9.78 ppbv
RT: 13.84 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion:131 Resp: 1106358

Ion	Ratio	Lower	Upper
131	100		
133	95.3	76.1	114.1
119	118.1	111.3	166.9



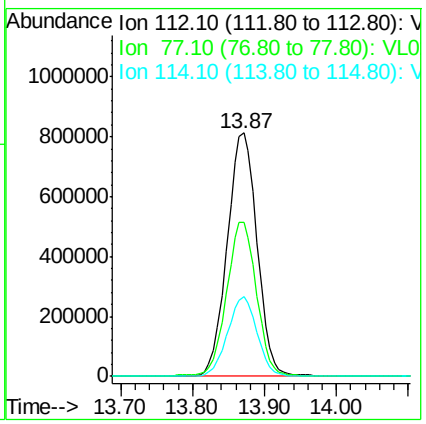


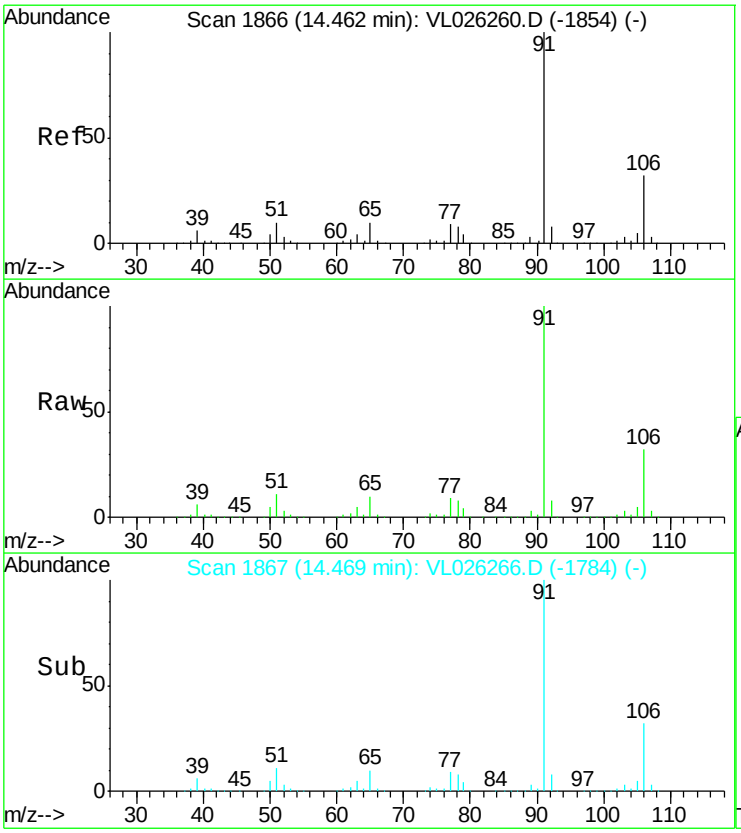
#57
Chlorobenzene
Concen: 9.19 ppbv
RT: 13.87 min Scan# 1769
Delta R.T. 0.01 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:112 Resp: 2346233

Ion	Ratio	Lower	Upper
112	100		
77	63.1	49.4	74.0
114	32.7	27.8	34.0

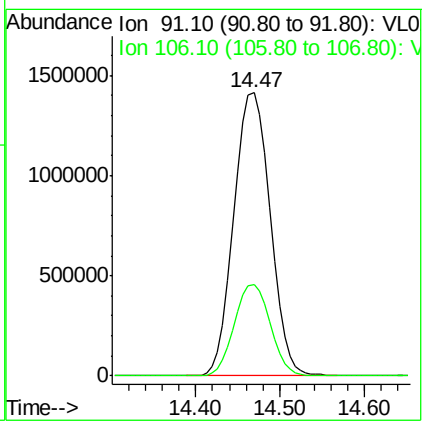


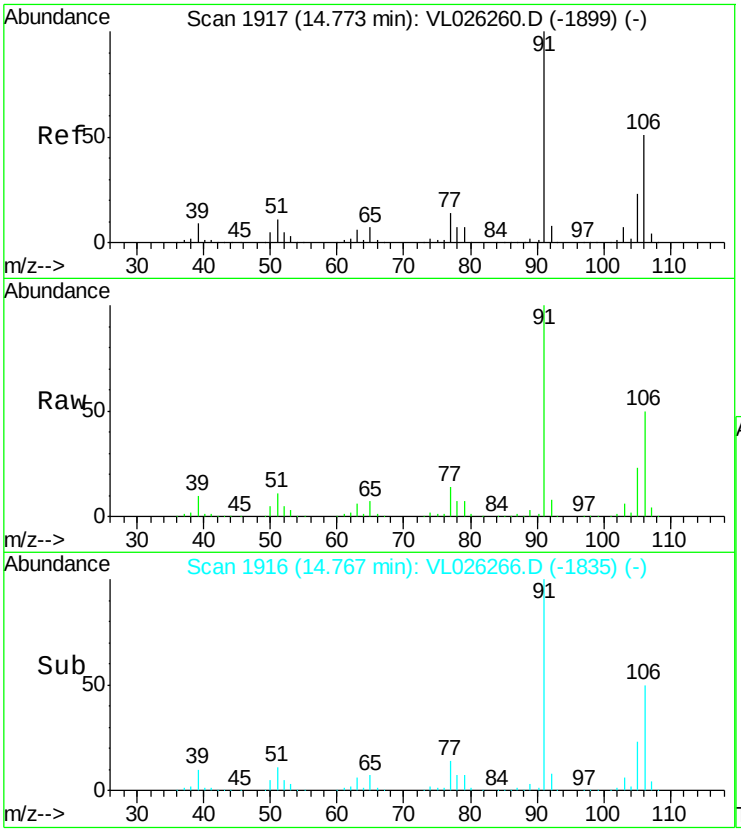


#58
Ethyl Benzene
Concen: 9.83 ppbv
RT: 14.47 min Scan# 1867
Delta R.T. 0.01 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion: 91 Resp: 4153888

Ion	Ratio	Lower	Upper
91	100		
106	32.3	25.7	38.5



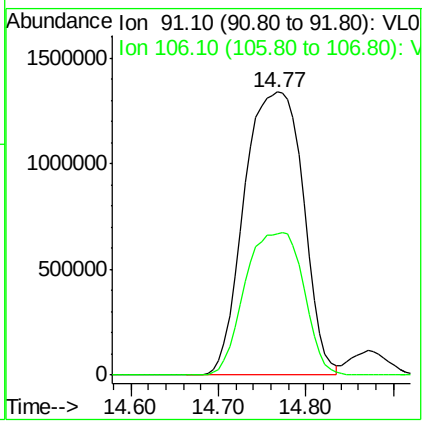


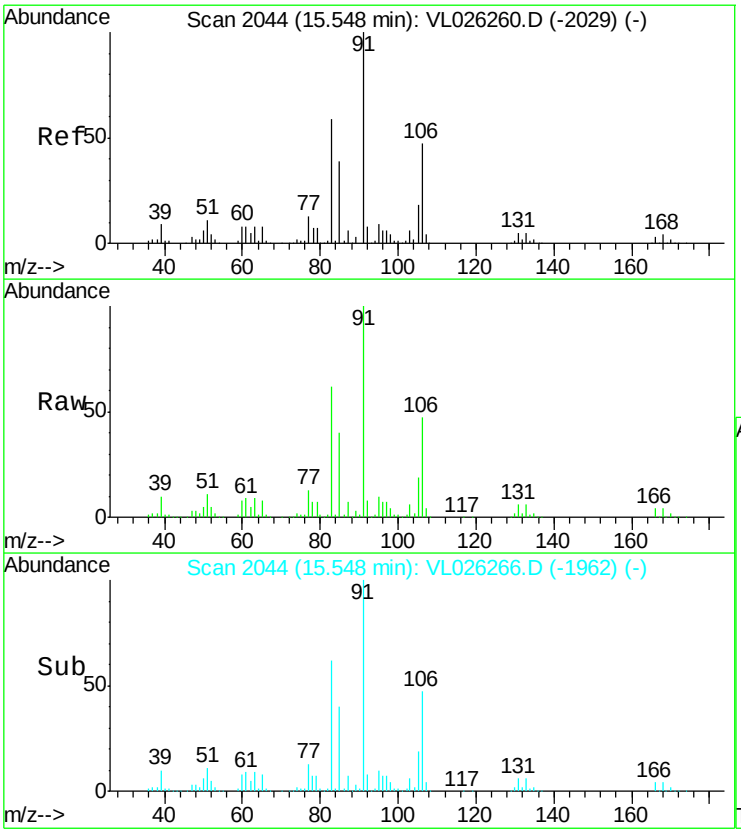
#59
m/p-Xylene
Concen: 18.70 ppbv
RT: 14.77 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 91 Resp: 6266698

Ion	Ratio	Lower	Upper
91	100		
106	50.4	0.0	0.0#

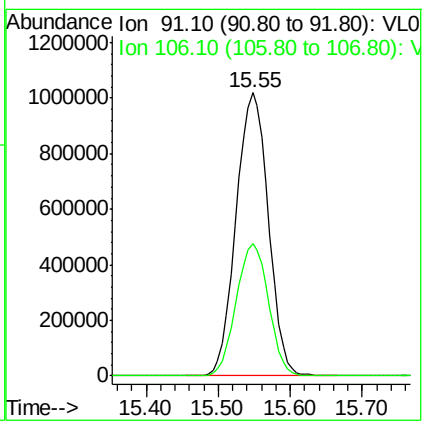


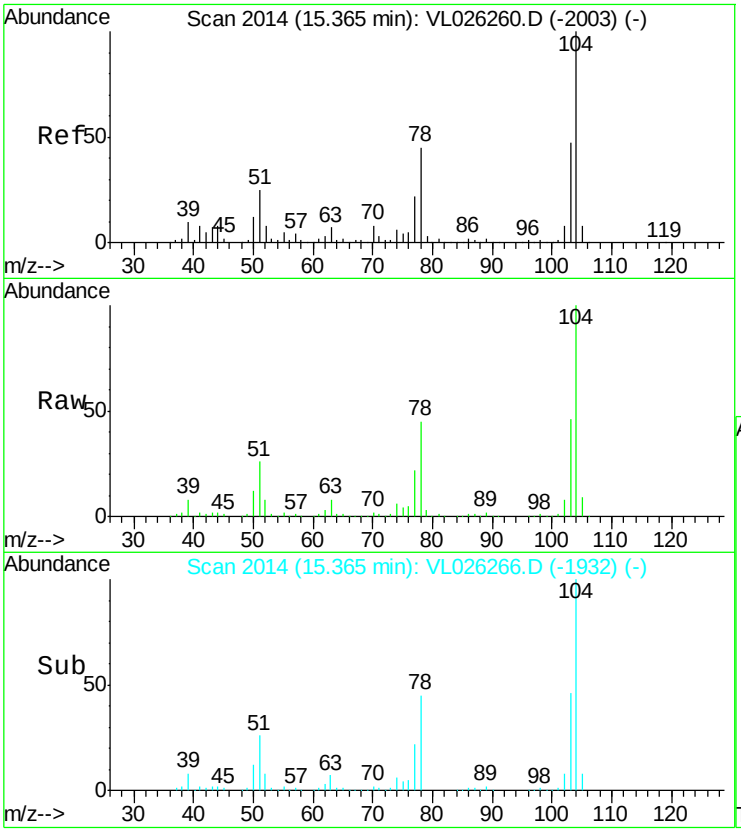


#60
o-Xylene
Concen: 9.04 ppbv
RT: 15.55 min Scan# 2044
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion: 91 Resp: 3169888

Ion	Ratio	Lower	Upper
91	100		
106	46.9	23.6	70.8



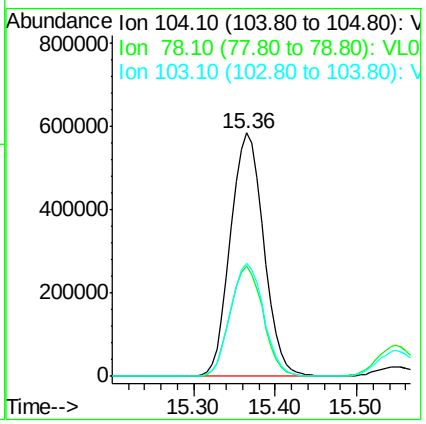


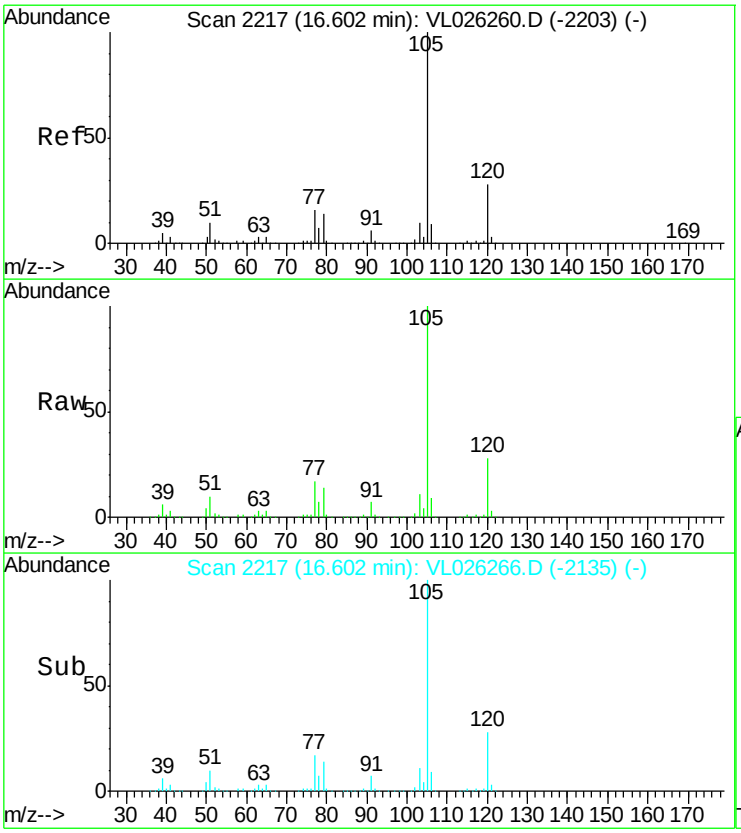
#61
Stvrene
Concen: 11.06 ppbv
RT: 15.36 min Scan# 2014
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:104 Resp: 1654218

Ion	Ratio	Lower	Upper
104	100		
78	44.9	35.5	53.3
103	46.6	37.0	55.6

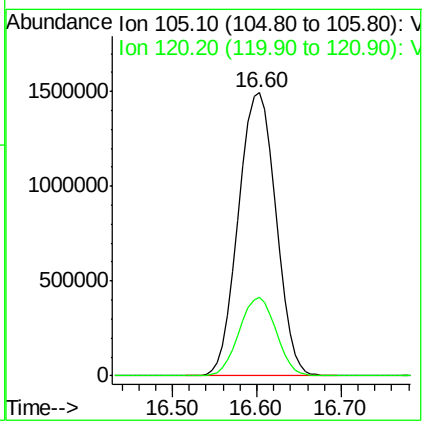


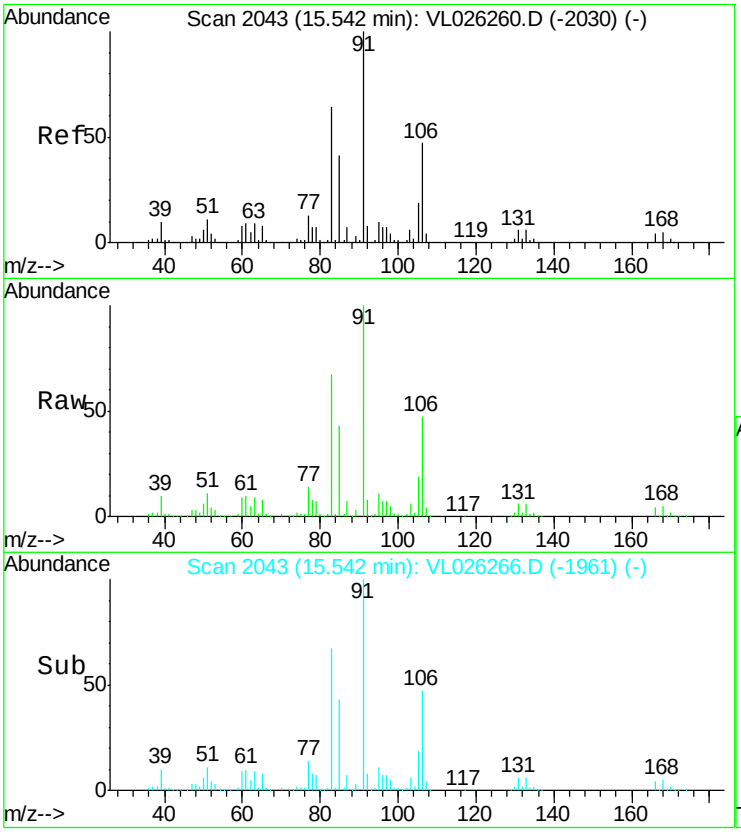


#62
Isopropylbenzene
Concen: 9.52 ppbv
RT: 16.60 min Scan# 2217
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion:105 Resp: 4536483

Ion	Ratio	Lower	Upper
105	100		
120	27.2	21.7	32.5



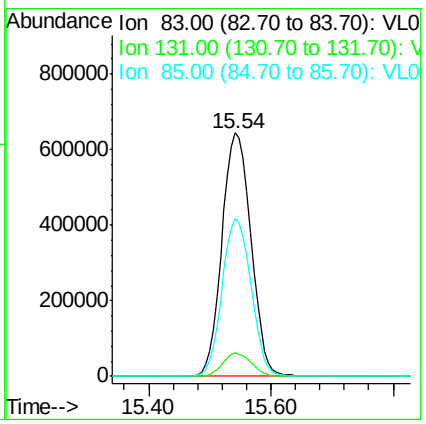


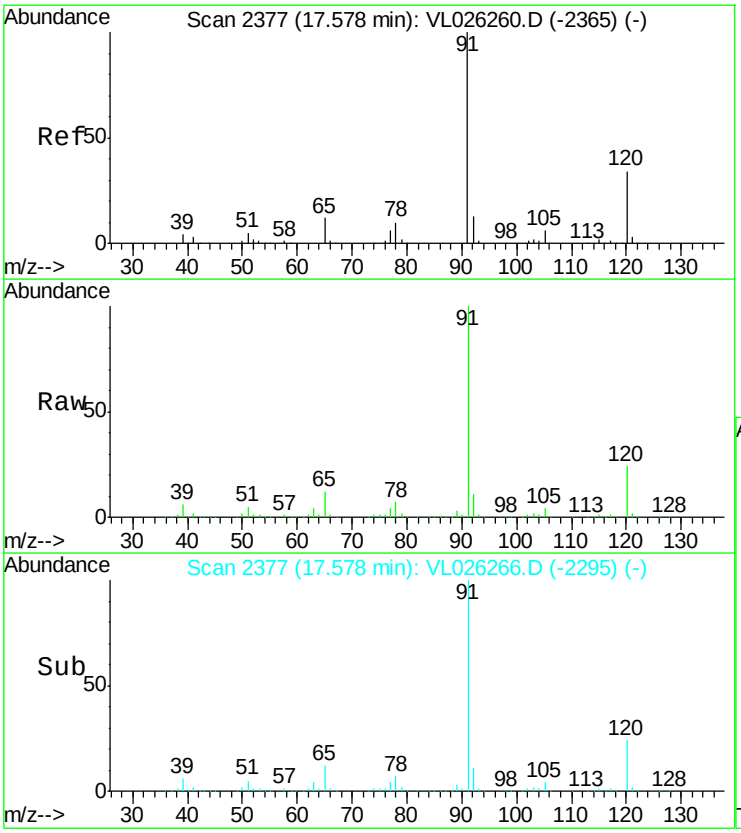
#63
1,1,2,2-Tetrachloroethane
Concen: 8.63 ppbv
RT: 15.54 min Scan# 2043
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 83 Resp: 2127375

Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.6	13.8
85	64.8	32.4	97.2

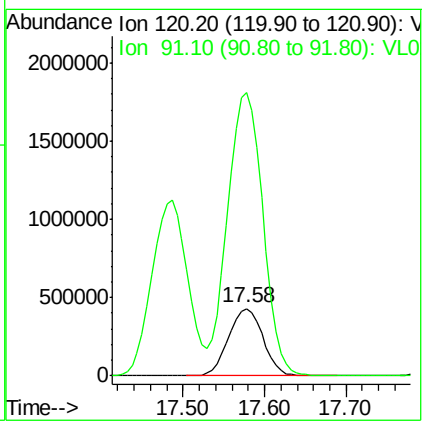


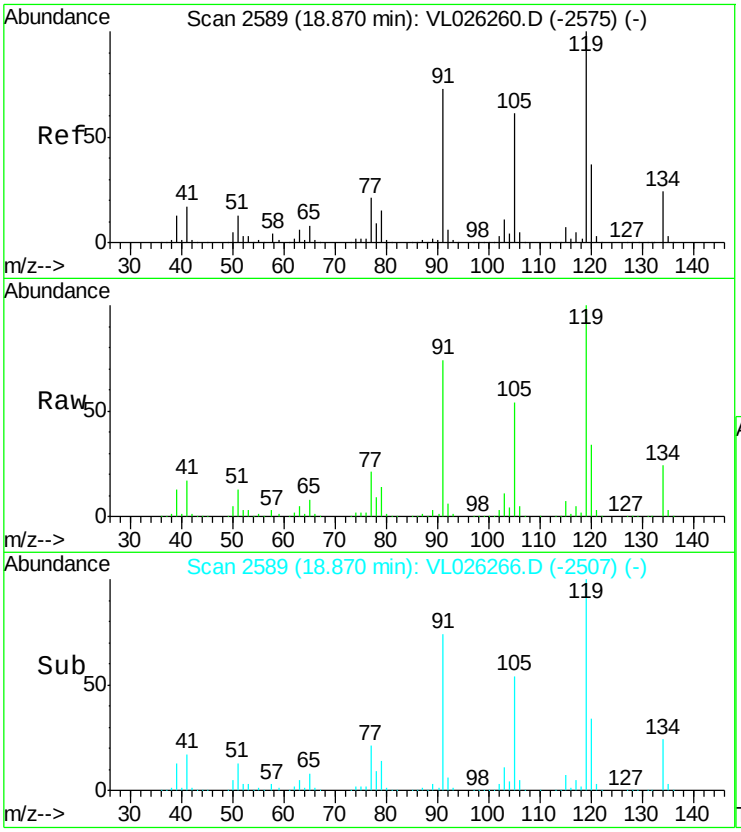


#64
n-propylbenzene
Concen: 9.70 ppbv
RT: 17.58 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion:120 Resp: 1260006

Ion	Ratio	Lower	Upper
120	100		
91	425.3	340.8	511.2



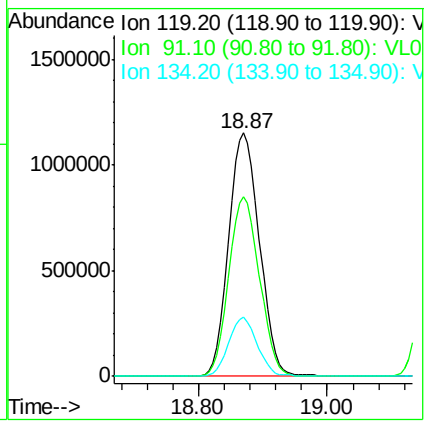


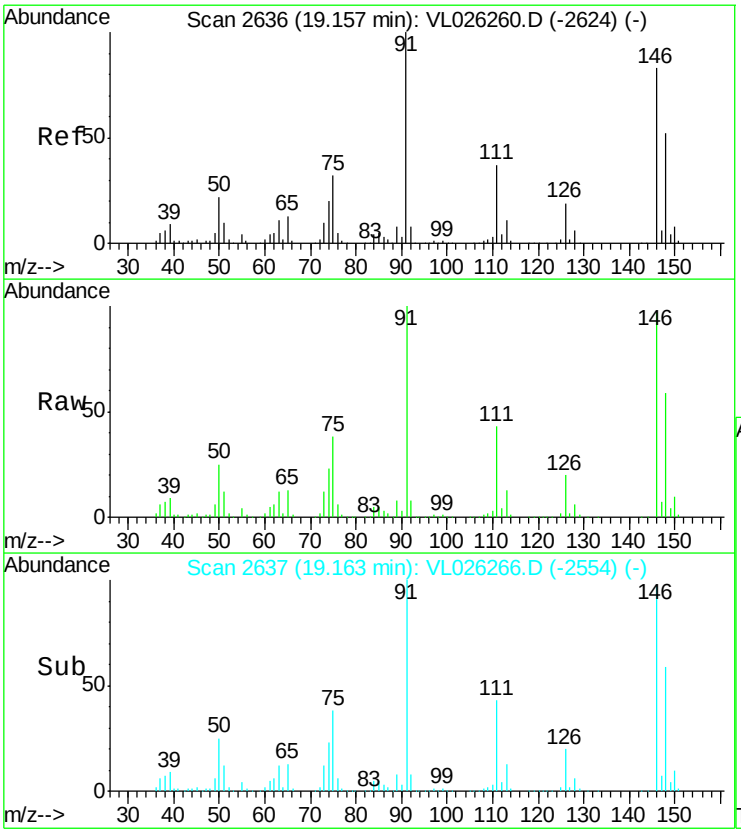
#65
tert-Butylbenzene
Concen: 8.95 ppbv
RT: 18.87 min Scan# 2589
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion:119 Resp: 3853892

Ion	Ratio	Lower	Upper
119	100		
91	73.4	57.7	86.5
134	22.5	18.0	27.0

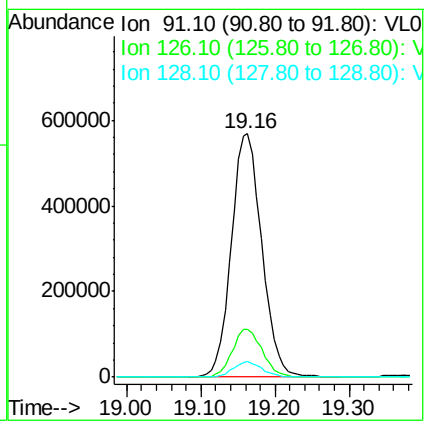


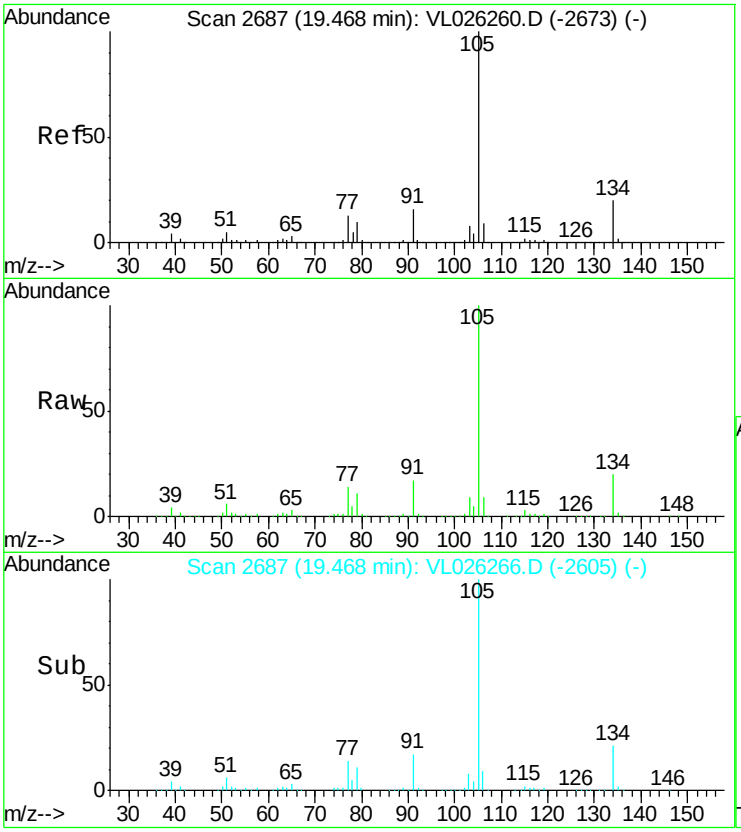


#66
Benzyl Chloride
Concen: 11.73 ppbv
RT: 19.16 min Scan# 2637
Delta R.T. 0.01 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion: 91 Resp: 1623045

Ion	Ratio	Lower	Upper
91	100		
126	19.5	15.8	23.8
128	6.1	5.0	7.6



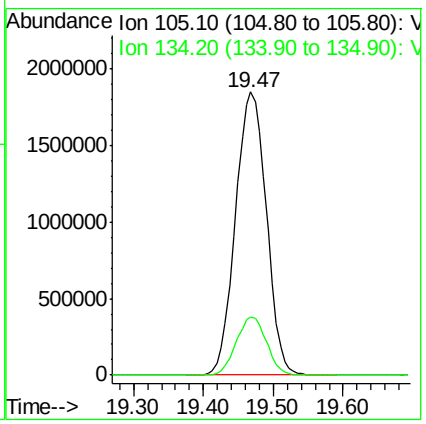


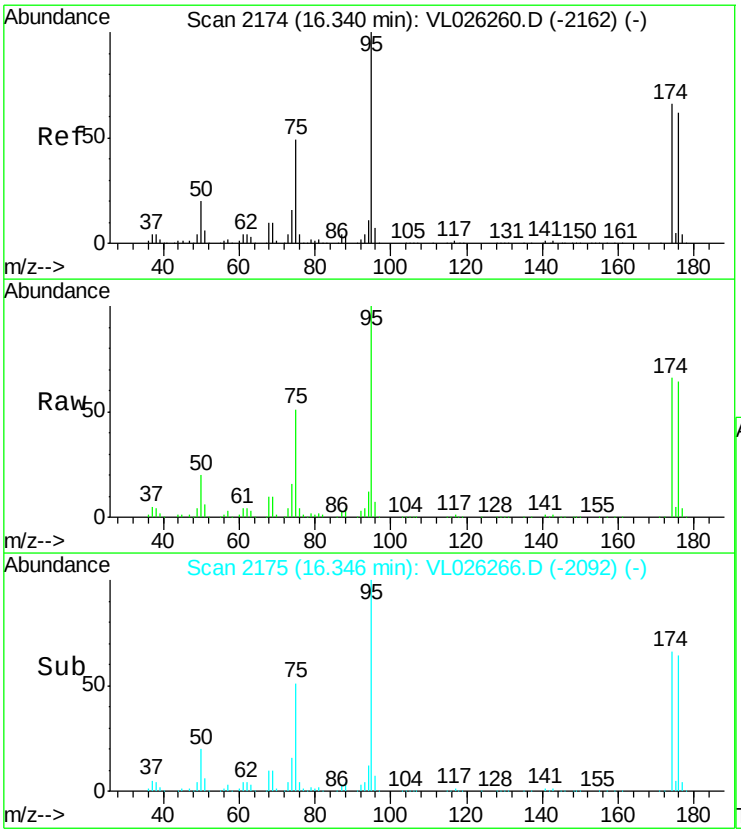
#67
sec-Butylbenzene
Concen: 9.33 ppbv
RT: 19.47 min Scan# 2687
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:105 Resp: 5685318

Ion	Ratio	Lower	Upper
105	100		
134	20.1	16.0	24.0

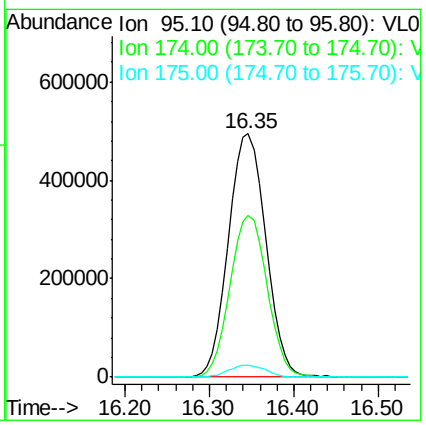


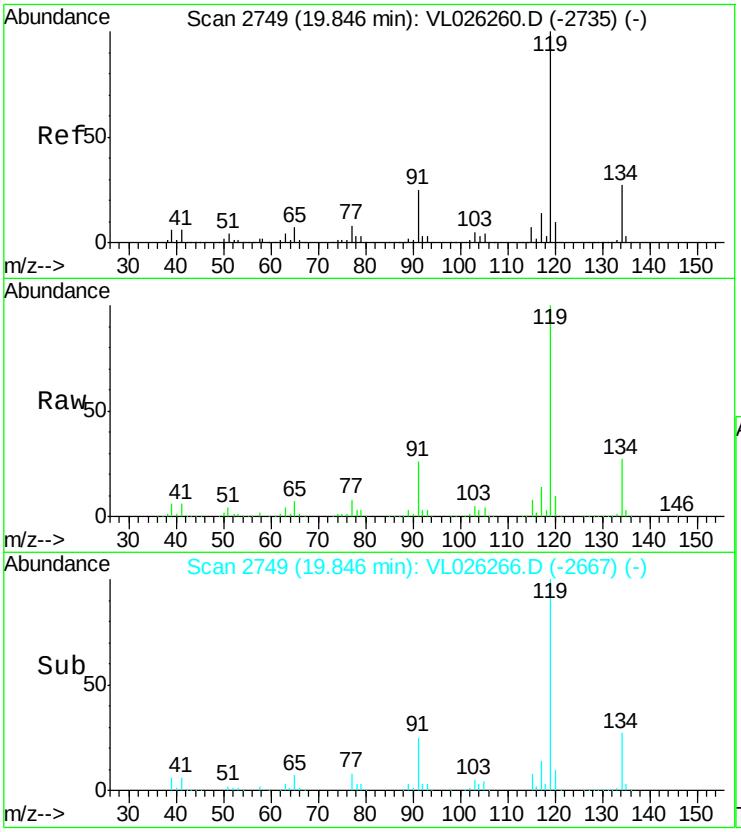


#68
1-Bromo-4-Fluorobenzene
Concen: 7.68 ppbv
RT: 16.35 min Scan# 2175
Delta R.T. 0.01 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion: 95 Resp: 1498533

Ion	Ratio	Lower	Upper
95	100		
174	66.0	52.9	79.3
175	4.9	3.8	5.8



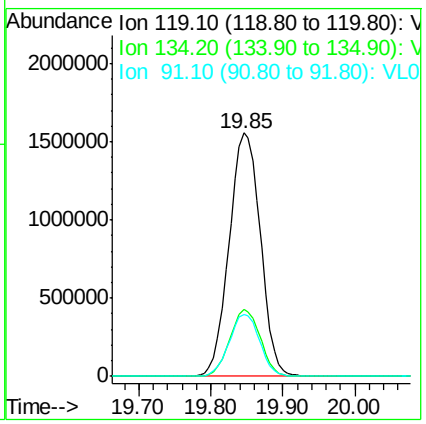


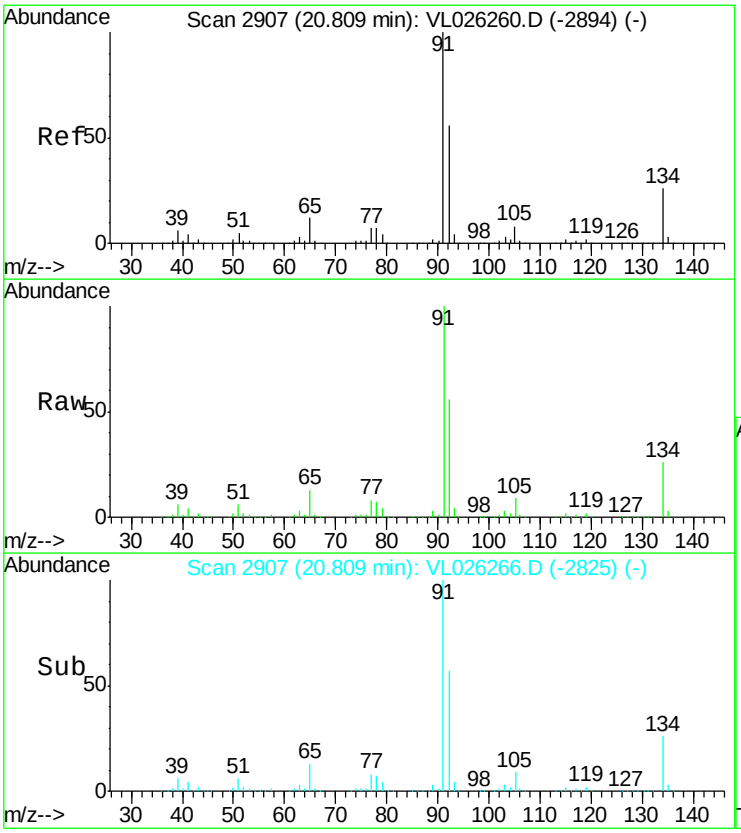
#69
p-Isopropyltoluene
Concen: 9.40 ppbv
RT: 19.85 min Scan# 2749
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion:119 Resp: 4680084

Ion	Ratio	Lower	Upper
119	100		
134	26.9	21.3	31.9
91	25.0	19.6	29.4

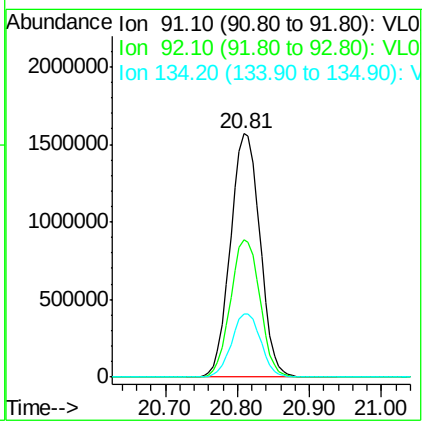


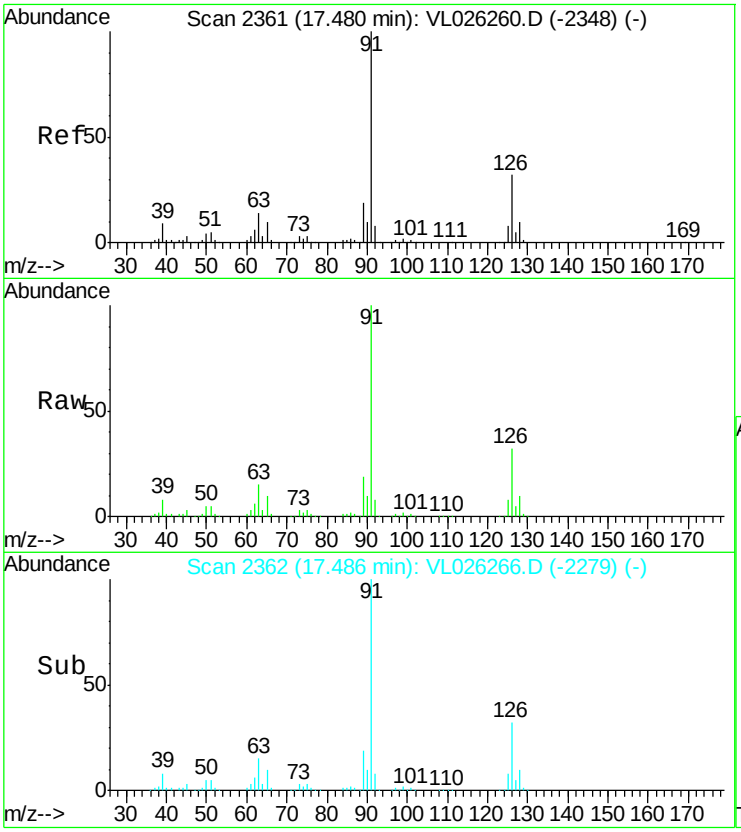


#70
n-Butylbenzene
Concen: 9.50 ppbv
RT: 20.81 min Scan# 2907
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion: 91 Resp: 4478341

Ion	Ratio	Lower	Upper
91	100		
92	56.3	44.9	67.3
134	25.8	20.5	30.7



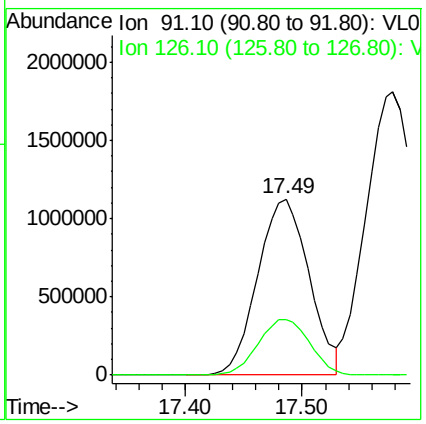


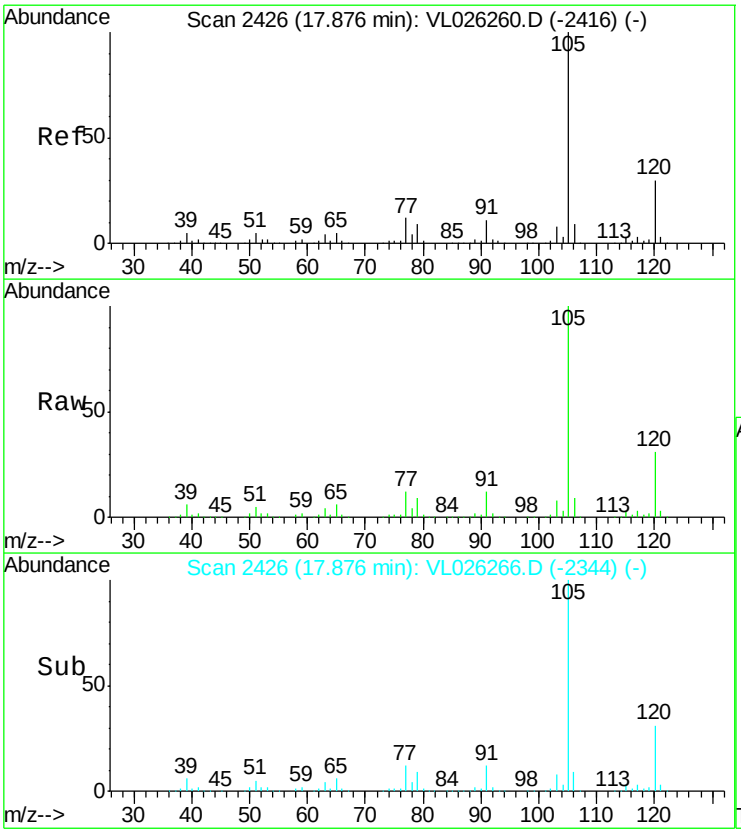
#71
2-Chlorotoluene
Concen: 9.85 ppbv
RT: 17.49 min Scan# 2362
Delta R.T. 0.01 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 91 Resp: 3455107

Ion	Ratio	Lower	Upper
91	100		
126	31.7	12.8	51.0

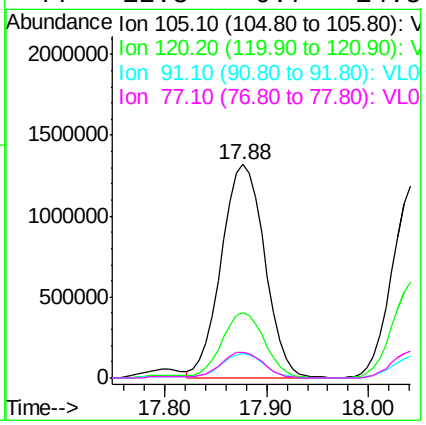


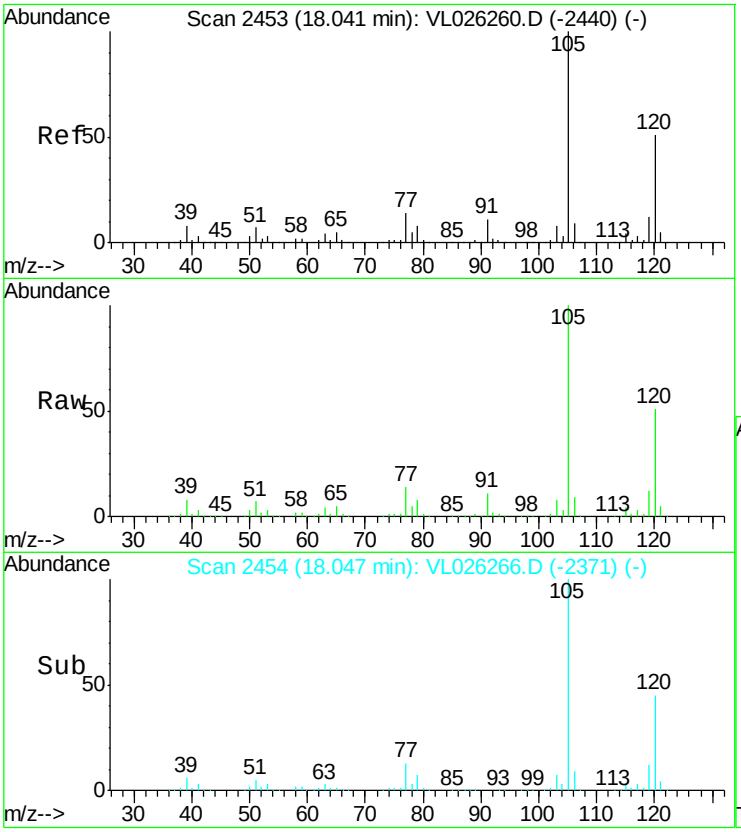


#72
4-Ethyltoluene
Concen: 9.88 ppbv
RT: 17.88 min Scan# 2426
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion:105 Resp: 3899580

Ion	Ratio	Lower	Upper
105	100		
120	31.4	25.1	37.7
91	11.6	9.1	13.7
77	12.3	9.7	14.5



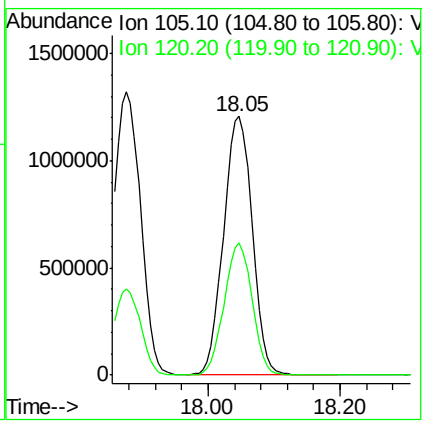


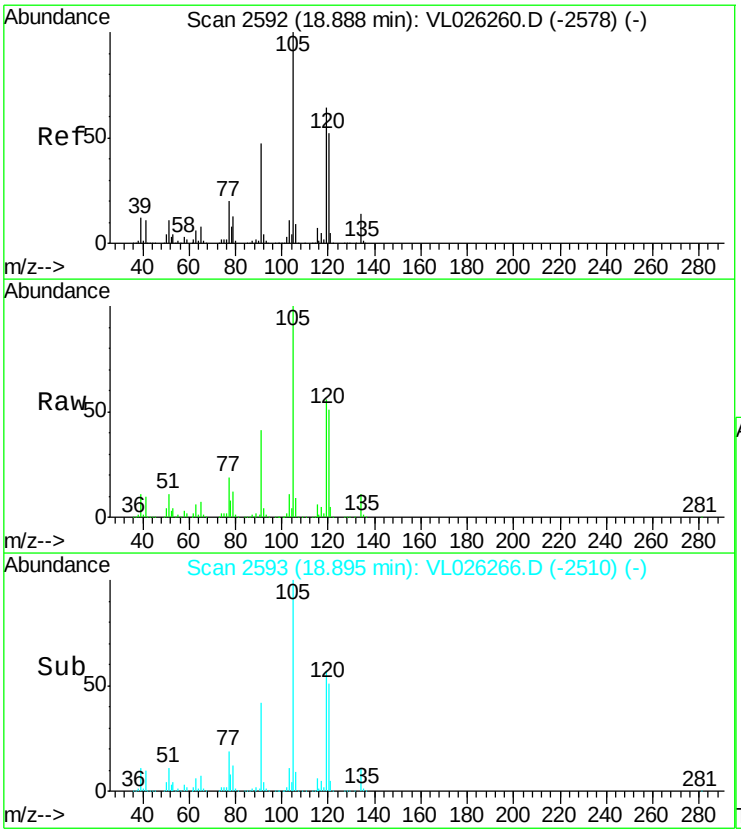
#73
1,3,5-Trimethylbenzene
Concen: 9.74 ppbv
RT: 18.05 min Scan# 2454
Delta R.T. 0.01 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:105 Resp: 3627629

Ion	Ratio	Lower	Upper
105	100		
120	51.0	40.6	61.0

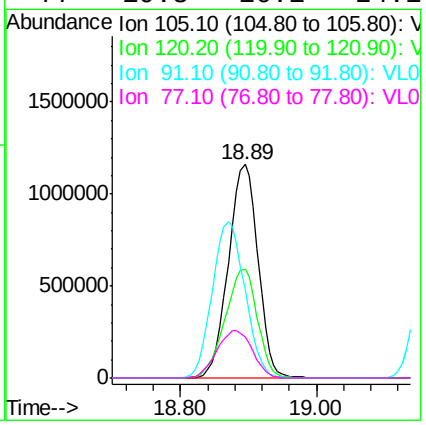


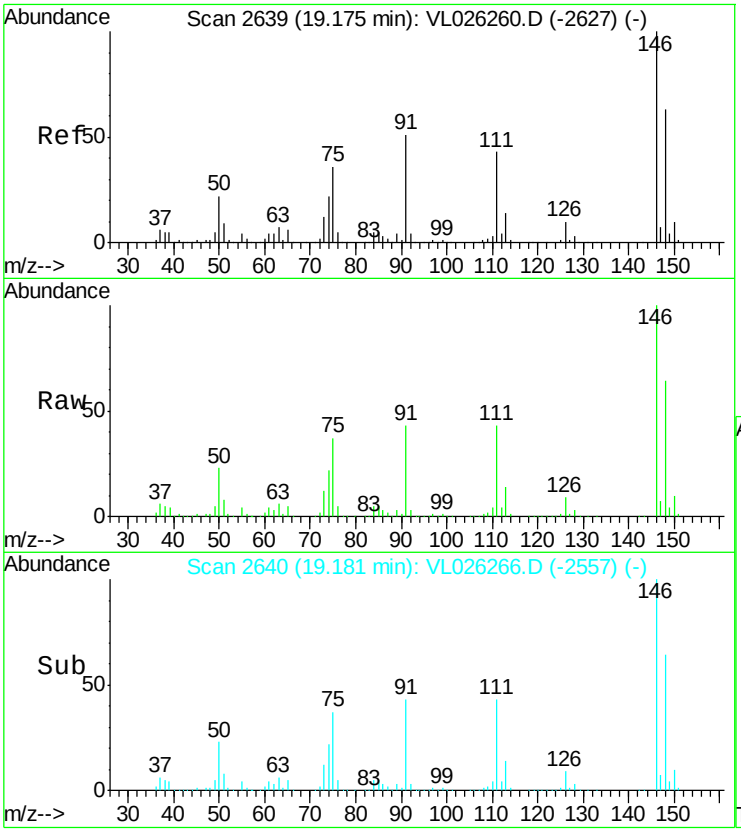


#74
1,2,4-Trimethylbenzene
Concen: 9.00 ppbv
RT: 18.89 min Scan# 2593
Delta R.T. 0.01 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion:105 Resp: 3497526

Ion	Ratio	Lower	Upper
105	100		
120	50.9	41.2	61.8
91	41.4	37.8	56.8
77	19.3	16.1	24.1



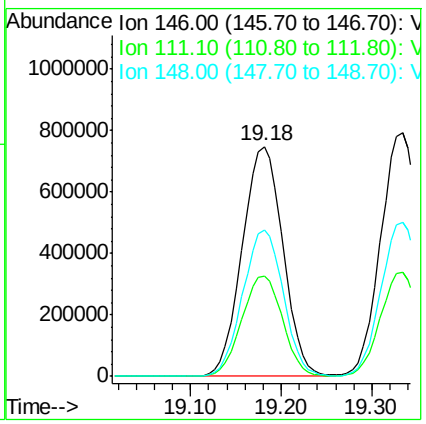


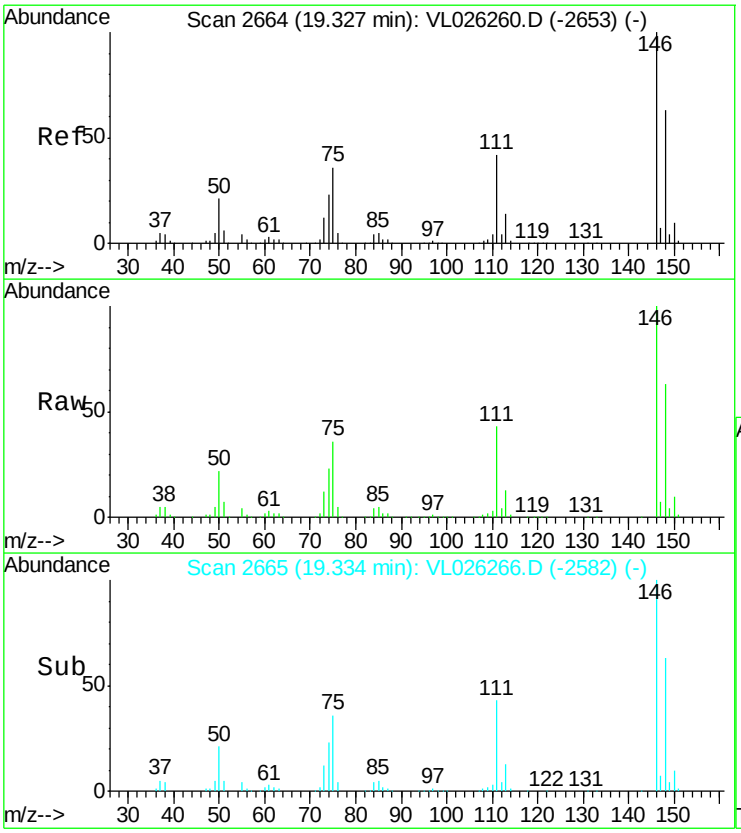
#75
1,3-Dichlorobenzene
Concen: 9.21 ppbv
RT: 19.18 min Scan# 2640
Delta R.T. 0.01 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:146 Resp: 2329483

Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.9	65.5
148	63.4	31.8	95.3

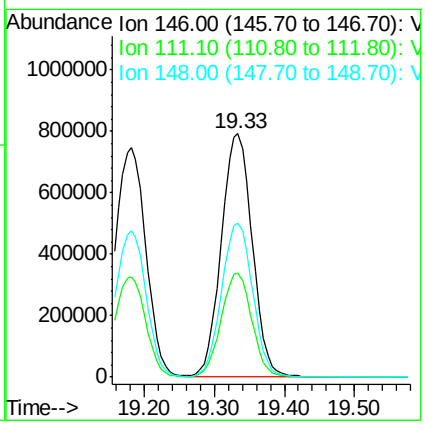


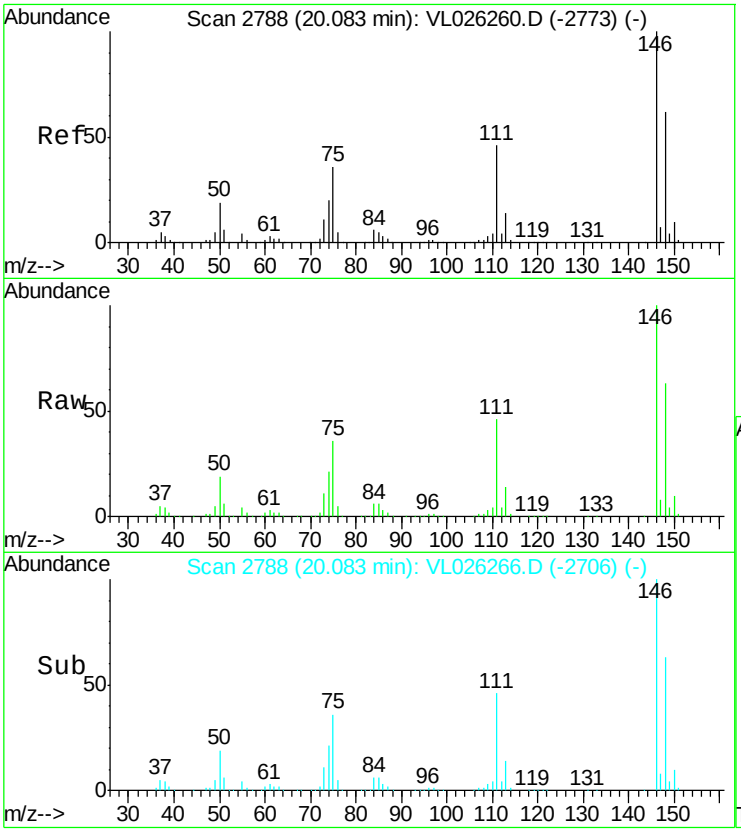


#76
1,4-Dichlorobenzene
Concen: 9.42 ppbv
RT: 19.33 min Scan# 2665
Delta R.T. 0.01 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion:146 Resp: 2430520

Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.1	63.4
148	63.6	31.8	95.3



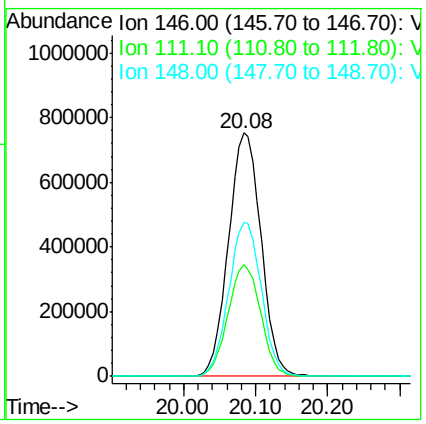


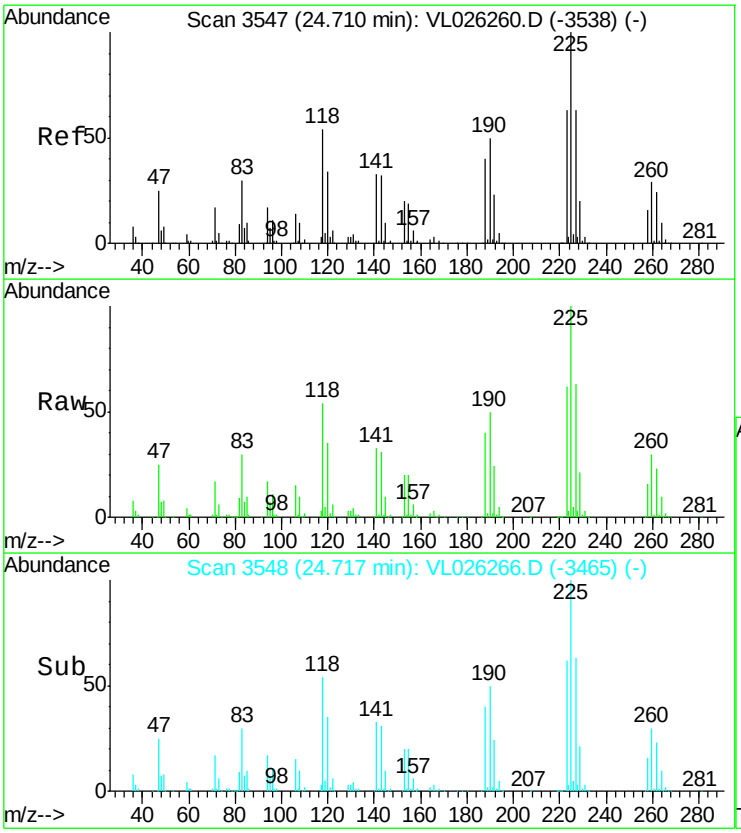
#77
1,2-Dichlorobenzene
Concen: 9.35 ppbv
RT: 20.08 min Scan# 2788
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion:146 Resp: 2364809

Ion	Ratio	Lower	Upper
146	100		
111	46.1	22.8	68.3
148	63.5	31.6	94.8

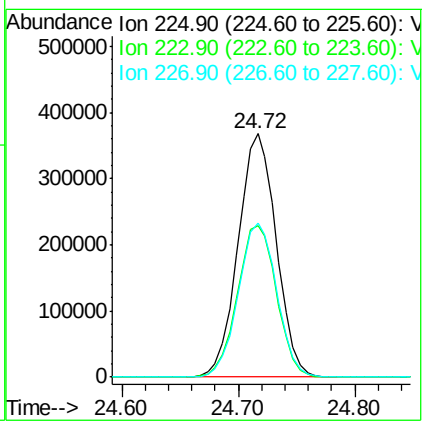


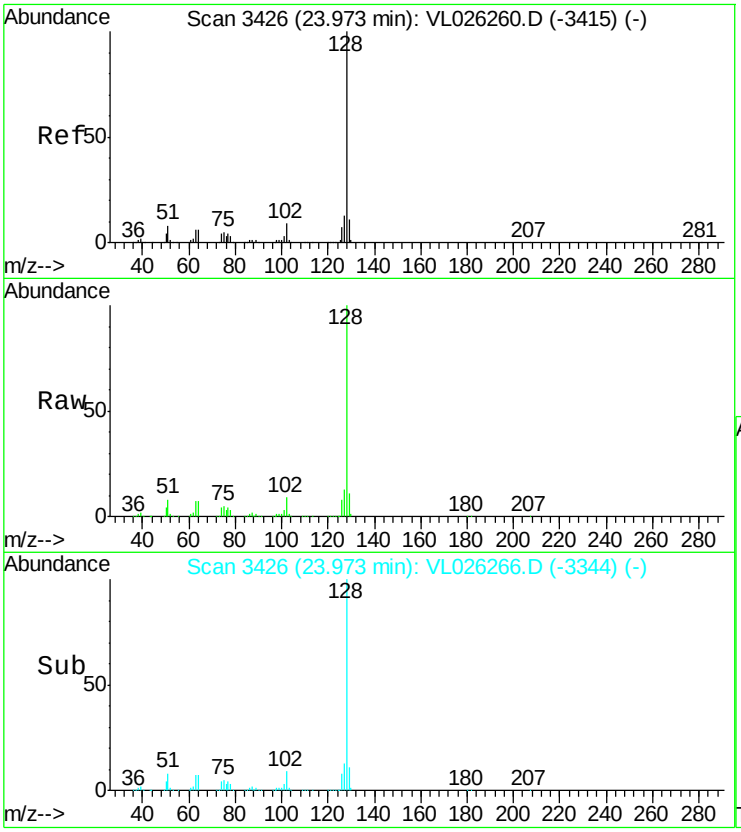


#78
Hexachloro-1,3-Butadiene
Concen: 7.96 ppbv
RT: 24.72 min Scan# 3548
Delta R.T. 0.01 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion:225 Resp: 842076

Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.0	76.6
227	63.6	51.3	76.9



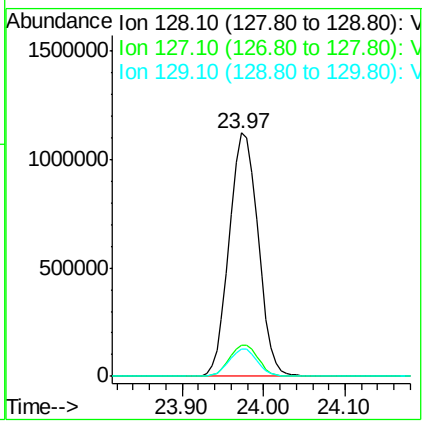


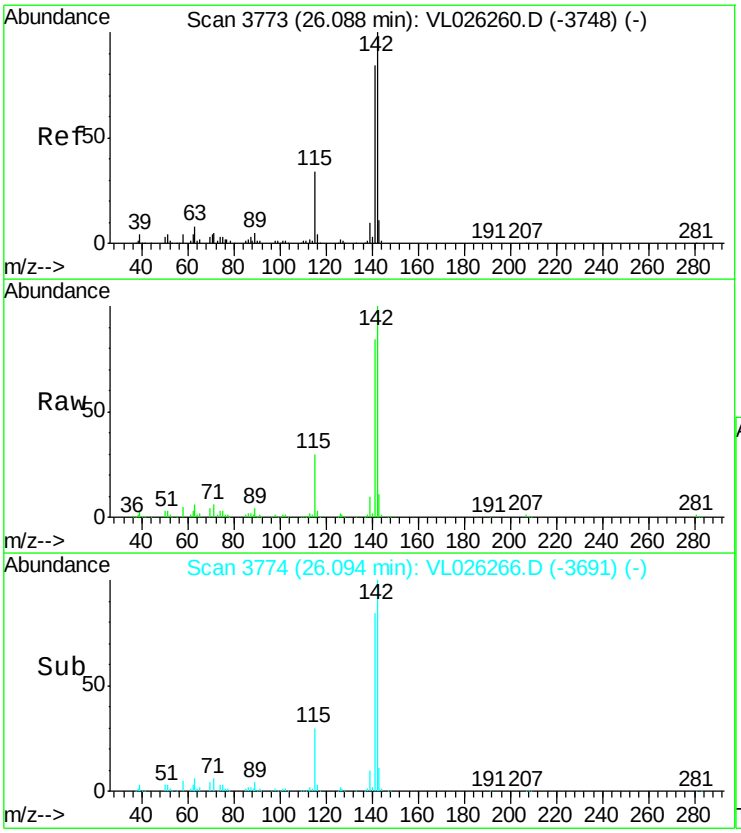
#79
Naphthalene
Concen: 9.44 ppbv
RT: 23.97 min Scan# 3426
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:128 Resp: 2752578

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	11.2	8.8	13.2

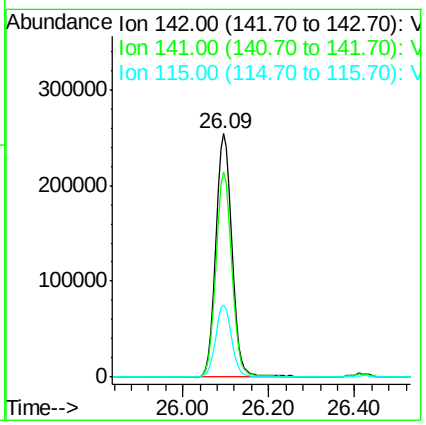


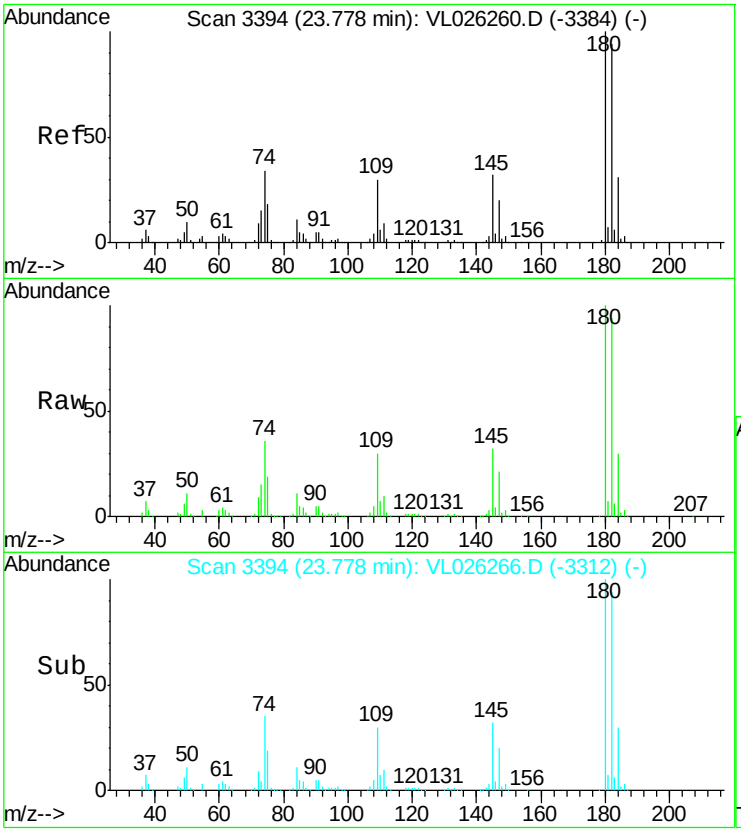


#80
Naphthalene,2-methyl-
Concen: 13.87 ppbv
RT: 26.09 min Scan# 3774
Delta R.T. 0.01 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Tgt Ion:142 Resp: 683555

Ion	Ratio	Lower	Upper
142	100		
141	83.4	66.1	99.1
115	29.8	28.1	42.1





#81
1,2,4-Trichlorobenzene
Concen: 8.96 ppbv
RT: 23.78 min Scan# 3394
Delta R.T. 0.00 min
Lab File: VL026266.D
Acq: 29 Oct 2015 13:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:180 Resp: 1282716

Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.0	114.0
184	30.0	24.2	36.4