Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\Data\VL102915\
Data File : VL026260.D
Acq On : 29 Oct 2015 9:21
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Oct 29 10:01:51 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL102915AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Oct 21 01:20:55 2015
QLast Update : Wed Oct 21 01:20:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.69	49	558813	10.00	ppbv	0.05
33) 1,4-Difluorobenzene	8.37	114	1665865	10.00	ppbv	0.06
55) Chlorobenzene-d5	13.80	117	2374401	10.00	ppbv	0.07
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	16.34	95	1495462	8.17	ppbv	0.07
Spiked Amount 10.000	Range 65 - 135		Recovery = 81.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.67	85	1144626	9.88	ppbv	100
3) Chlorodifluoromethane	3.59	51	635582	8.98	ppbv	98
4) Chloromethane	3.78	50	388433	10.18	ppbv	99
5) Vinyl Chloride	3.91	62	395985	9.86	ppbv	98
6) Bromomethane	4.17	94	282488	9.79	ppbv	99
7) Chloroethane	4.27	64	172758	10.25	ppbv	100
8) Dichlorotetrafluoroethane	3.83	85	937416	9.42	ppbv	98
9) Propene	3.62	41	321468	9.71	ppbv	99
10) Heptane	9.40	43	1094539	9.87	ppbv	98
11) Trichlorofluoromethane	4.72	101	1070808	9.43	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	5.34	101	719329	9.28	ppbv	98
13) Ethanol	4.35	45	41066	8.27	ppbv	95
14) Bromoethene	4.48	108	315949	9.66	ppbv	99
15) Acetone	4.63	43	654412	7.96	ppbv	99
16) 1,3-Butadiene	4.00	39	354847	9.67	ppbv	100
17) tert-Butyl alcohol	5.15	59	573907	10.21	ppbv	100
18) 1,1-Dichloroethene	5.12	96	338817	9.68	ppbv	95
19) Isopropyl Alcohol	4.78	45	333606	10.37	ppbv	94
20) Methylene Chloride	5.18	84	303625	9.25	ppbv	99
21) Allyl Chloride	5.26	41	521978	9.72	ppbv	98
22) trans-1,2-Dichloroethene	5.80	96	438910	9.72	ppbv	98
23) Vinyl Acetate	6.02	43	1470667	9.70	ppbv	99
24) 1,1-Dichloroethane	5.95	63	934051	9.76	ppbv	99
25) Ethyl Acetate	6.71	43	1466263	9.51	ppbv	100
26) Hexane	6.70	57	720826	9.35	ppbv	100
27) Carbon Disulfide	5.42	76	950353	9.65	ppbv	100
28) Methyl tert-Butyl Ether	5.98	73	1307262	9.33	ppbv	99
29) Chloroform	6.79	83	1062351	9.50	ppbv	99
30) Cyclohexane	8.32	84	721202	9.36	ppbv	96
31) cis-1,2-Dichloroethene	6.56	61	688505	9.84	ppbv	99
32) 1,1,1-Trichloroethane	7.64	97	1091320	8.80	ppbv	99
34) 2-Butanone	6.23	43	940745	9.99	ppbv	100
35) Carbon Tetrachloride	8.20	117	1117726	8.81	ppbv	99
36) Benzene	8.07	78	1639375	9.66	ppbv	99
37) 1,2-Dichloroethane	7.42	62	845194	9.69	ppbv	99
38) Trichloroethene	9.11	130	645698	7.84	ppbv	100
39) 1,2-Dichloropropane	8.87	63	593545	9.95	ppbv	99
40) 1,4-Dioxane	9.15	88	134644	12.01	ppbv	69
41) Tetrahydrofuran	7.16	42	569721	10.45	ppbv	96
42) Bromodichloromethane	9.07	83	1184517	9.44	ppbv	99
43) Methyl Methacrylate	9.30	69	621814	10.07	ppbv	98

Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\Data\VL102915\
Data File : VL026260.D
Acq On : 29 Oct 2015 9:21
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Oct 29 10:01:51 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL102915AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Oct 21 01:20:55 2015
QLast Update : Wed Oct 21 01:20:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	9.13	57	2586891	9.42	ppbv		99
45) t-1,3-Dichloropropene	10.69	75	939335	9.75	ppbv		99
46) cis-1,3-Dichloropropene	10.07	75	1099532	9.75	ppbv		100
47) 1,1,2-Trichloroethane	10.93	97	712299	9.50	ppbv		99
48) Dibromochloromethane	11.85	129	1115518	9.13	ppbv		100
49) Bromoform	14.87	173	903462	8.76	ppbv		100
50) 4-Methyl-2-Pentanone	10.13	43	1323574	10.41	ppbv		99
51) 2-Hexanone	11.66	43	1255105	10.57	ppbv	#	99
52) Tetrachloroethene	12.84	164	703996	7.24	ppbv		99
53) Toluene	11.29	91	2148135	9.31	ppbv		99
54) 1,2-Dibromoethane	12.19	107	1092677	9.42	ppbv		100
56) 1,1,1,2-Tetrachloroethane	13.84	131	804132	7.06	ppbv		98
57) Chlorobenzene	13.87	112	1728831	7.61	ppbv		98
58) Ethyl Benzene	14.46	91	3022581	7.86	ppbv		99
59) m/p-Xylene	14.76	91	2853176	9.47	ppbv	#	27
60) o-Xylene	15.55	91	2346767	7.45	ppbv		99
61) Styrene	15.36	104	1166848	8.19	ppbv		100
62) Isopropylbenzene	16.60	105	3313538	7.56	ppbv		100
63) 1,1,2,2-Tetrachloroethane	15.54	83	1570280	7.54	ppbv		100
64) n-propylbenzene	17.58	120	917444	7.62	ppbv		90
65) tert-Butylbenzene	18.87	119	2884033	7.21	ppbv		100
66) Benzyl Chloride	19.16	91	1165472	7.06	ppbv		99
67) sec-Butylbenzene	19.47	105	4181023	7.50	ppbv		99
69) p-Isopropyltoluene	19.85	119	3438500	7.38	ppbv		100
70) n-Butylbenzene	20.81	91	3293837	7.73	ppbv		99
71) 2-Chlorotoluene	17.48	91	2497097	7.74	ppbv		99
72) 4-Ethyltoluene	17.88	105	2836280	7.74	ppbv		100
73) 1,3,5-Trimethylbenzene	18.04	105	2642526	7.74	ppbv		98
74) 1,2,4-Trimethylbenzene	18.89	105	2595656	7.33	ppbv		99
75) 1,3-Dichlorobenzene	19.17	146	1696998	7.33	ppbv		100
76) 1,4-Dichlorobenzene	19.33	146	1761493	7.29	ppbv		99
77) 1,2-Dichlorobenzene	20.08	146	1713522	7.34	ppbv		100
78) Hexachloro-1,3-Butadiene	24.71	225	653051	5.46	ppbv		99
79) Naphthalene	23.97	128	2067319	6.62	ppbv		99
80) Naphthalene,2-methyl-	26.09	142	354539	6.33	ppbv		98
81) 1,2,4-Trichlorobenzene	23.78	180	984054	6.55	ppbv		99

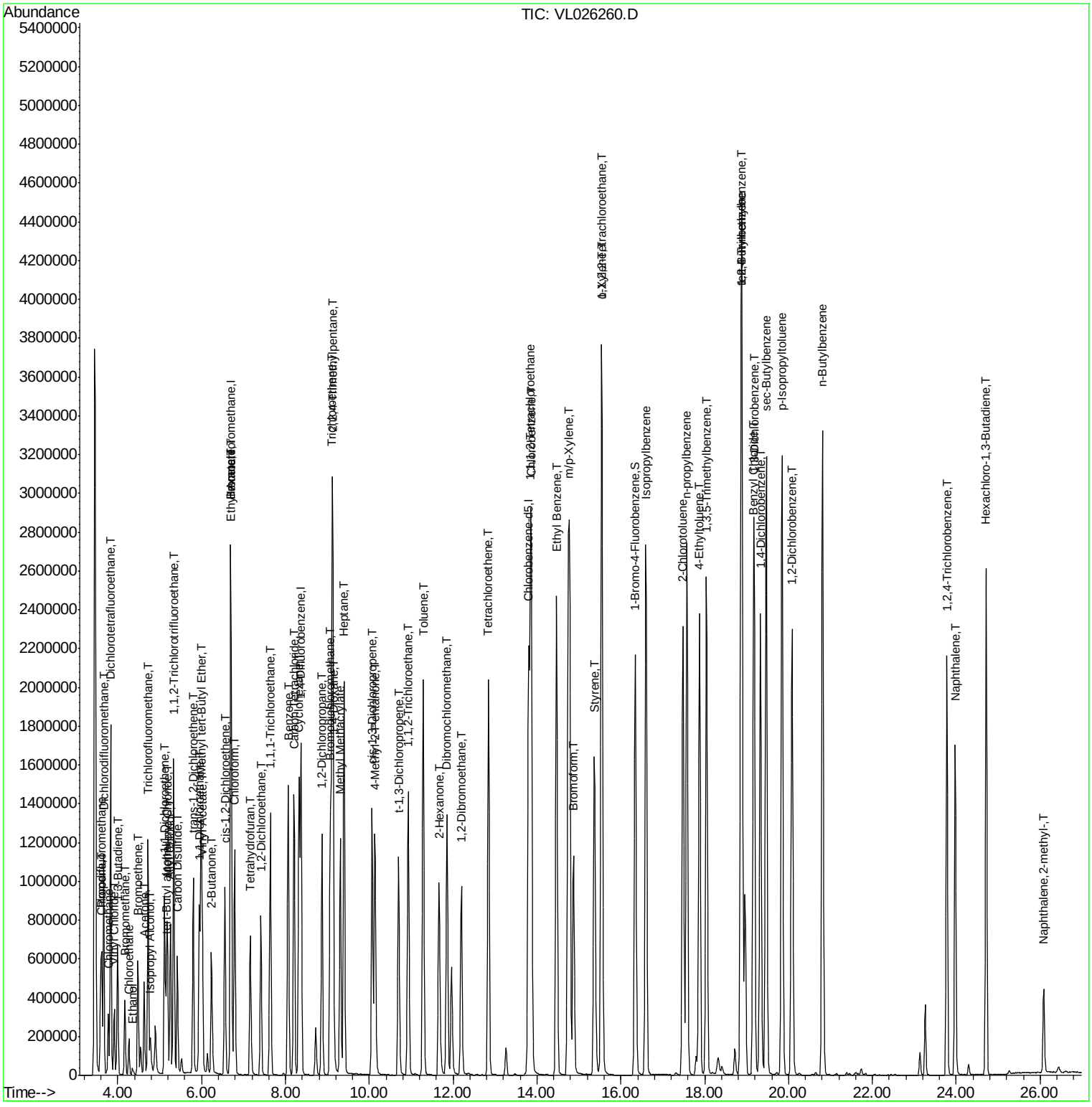
(#) = qualifier out of range (m) = manual integration (+) = signals summed

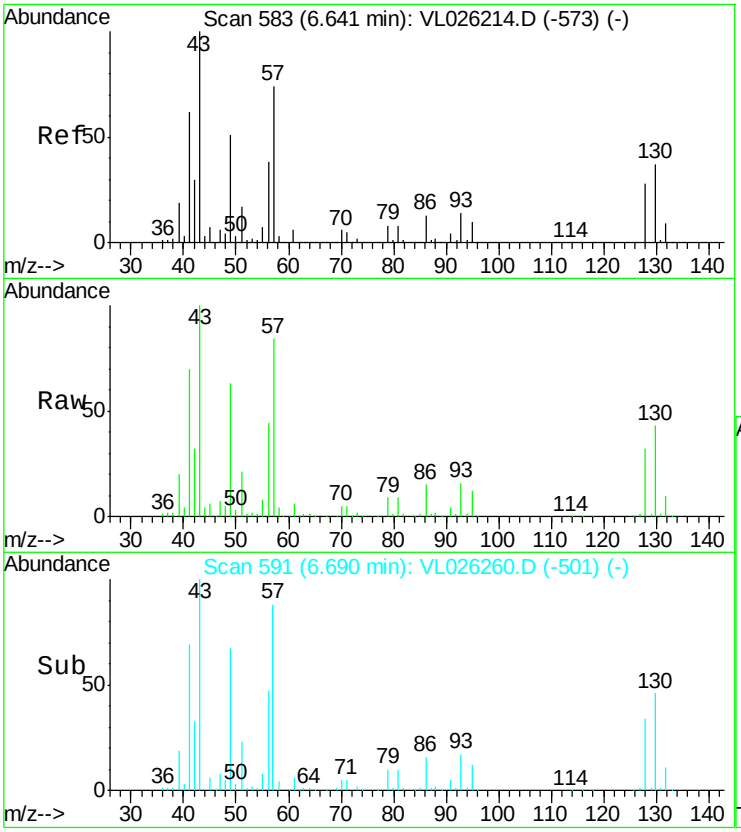
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\Data\VL102915\
Data File : VL026260.D
Acq On : 29 Oct 2015 9:21
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Oct 29 10:01:51 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL102915AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Oct 21 01:20:55 2015
QLast Update : Wed Oct 21 01:20:55 2015
Response via : Initial Calibration



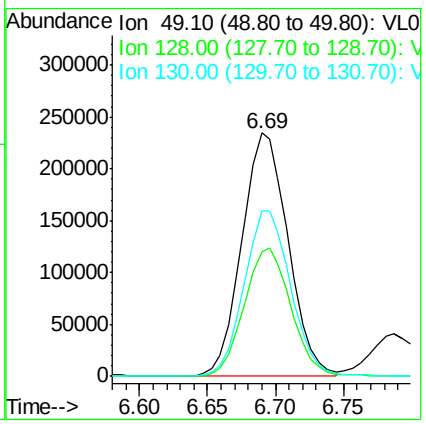


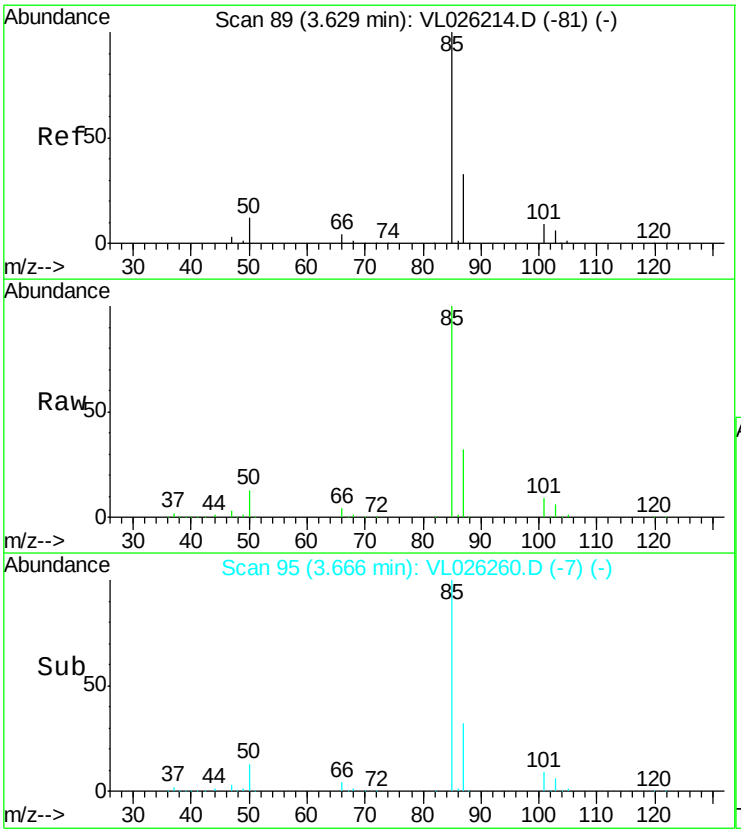
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 6.69 min Scan# 591
Delta R.T. 0.05 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 49 Resp: 558813

Ion	Ratio	Lower	Upper
49	100		
128	53.4	28.2	84.7
130	68.8	36.0	108.1

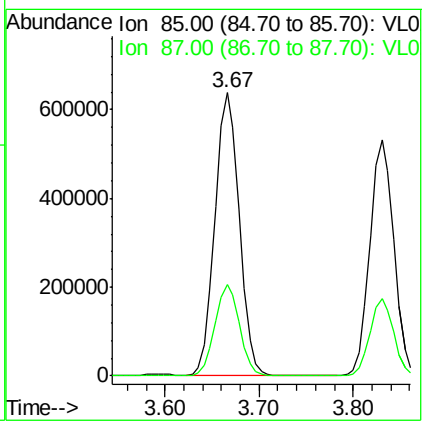


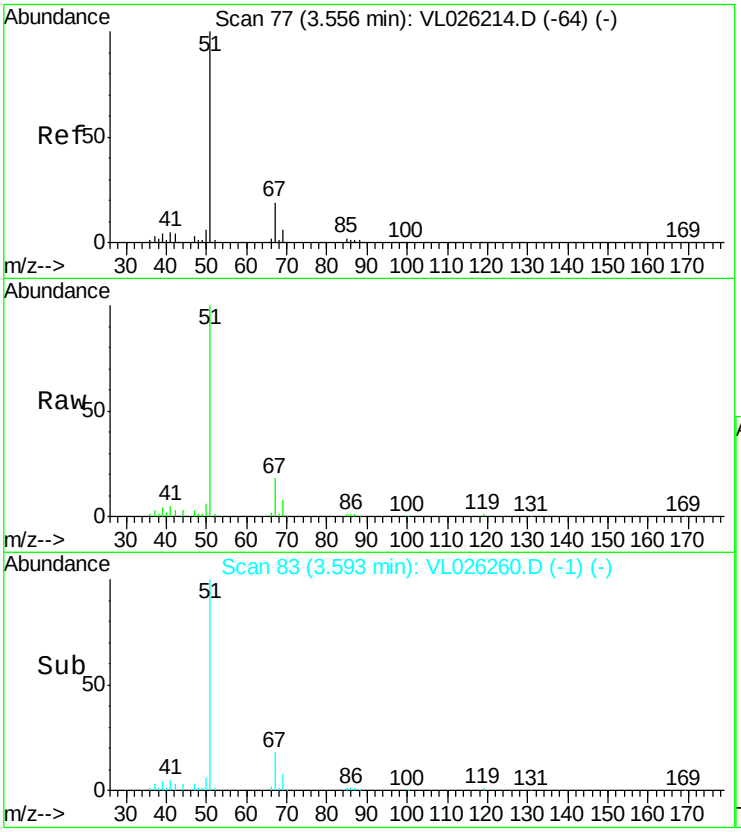


#2
Dichlorodifluoromethane
Concen: 9.88 ppbv
RT: 3.67 min Scan# 95
Delta R.T. 0.04 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion: 85 Resp: 1144626

Ion	Ratio	Lower	Upper
85	100		
87	32.4	26.1	39.1

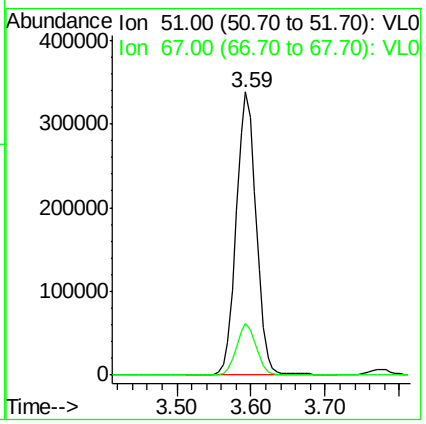




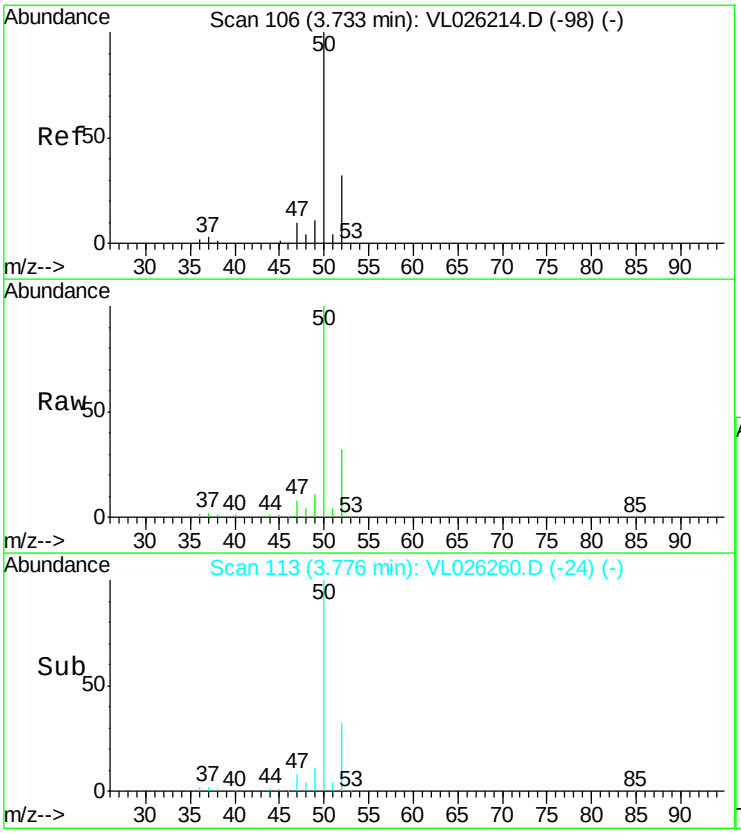
#3
Chlorodifluoromethane
Concen: 8.98 ppbv
RT: 3.59 min Scan# 83
Delta R.T. 0.04 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion: 51 Resp: 635582

Ion	Ratio	Lower	Upper
51	100		
67	18.1	15.3	22.9



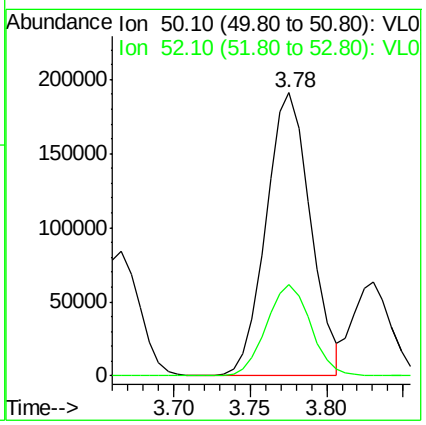
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

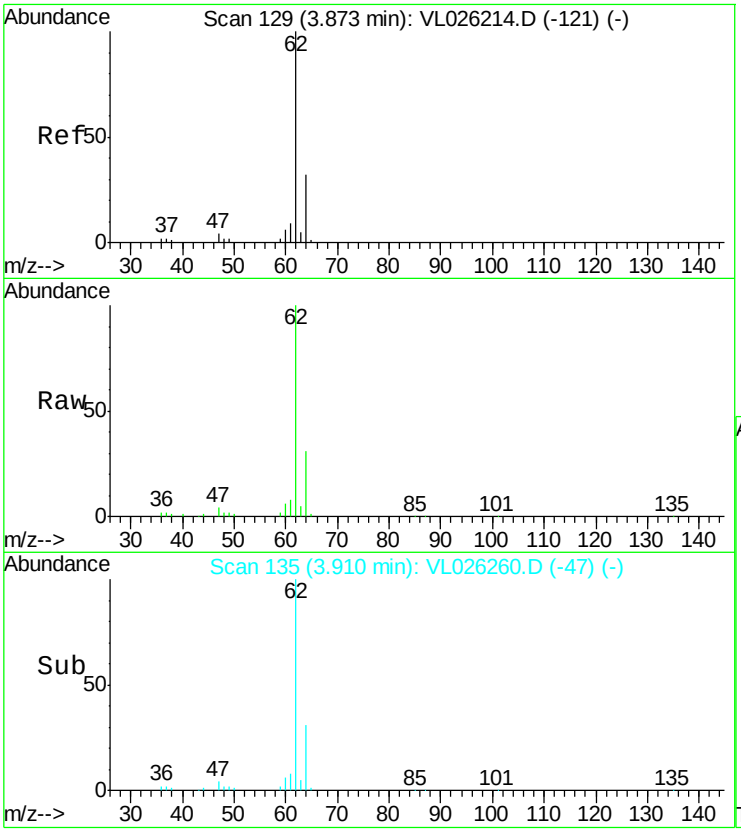


#4
Chloromethane
Concen: 10.18 ppbv
RT: 3.78 min Scan# 113
Delta R.T. 0.04 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion: 50 Resp: 388433

Ion	Ratio	Lower	Upper
50	100		
52	32.6	25.8	38.6



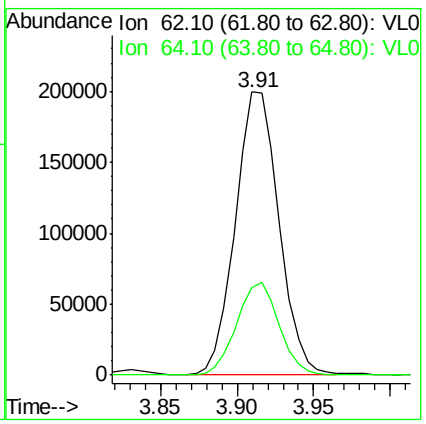


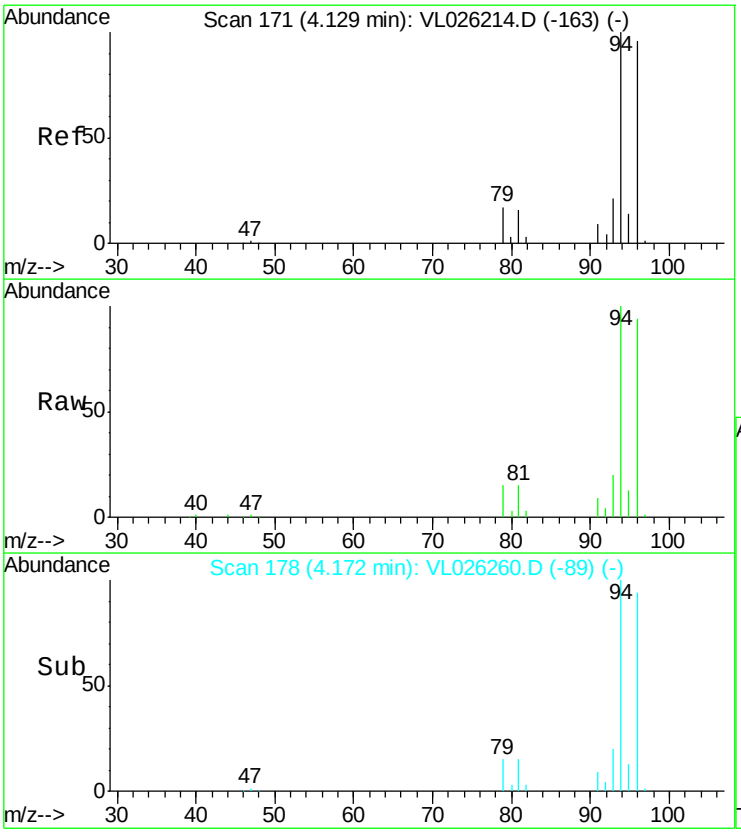
#5
Vinyl Chloride
Concen: 9.86 ppbv
RT: 3.91 min Scan# 135
Delta R.T. 0.04 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 62 Resp: 395985

Ion	Ratio	Lower	Upper
62	100		
64	31.1	25.6	38.4

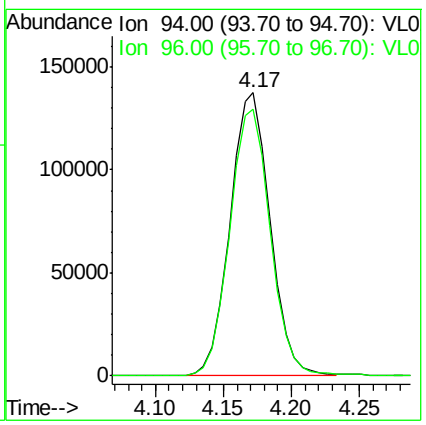


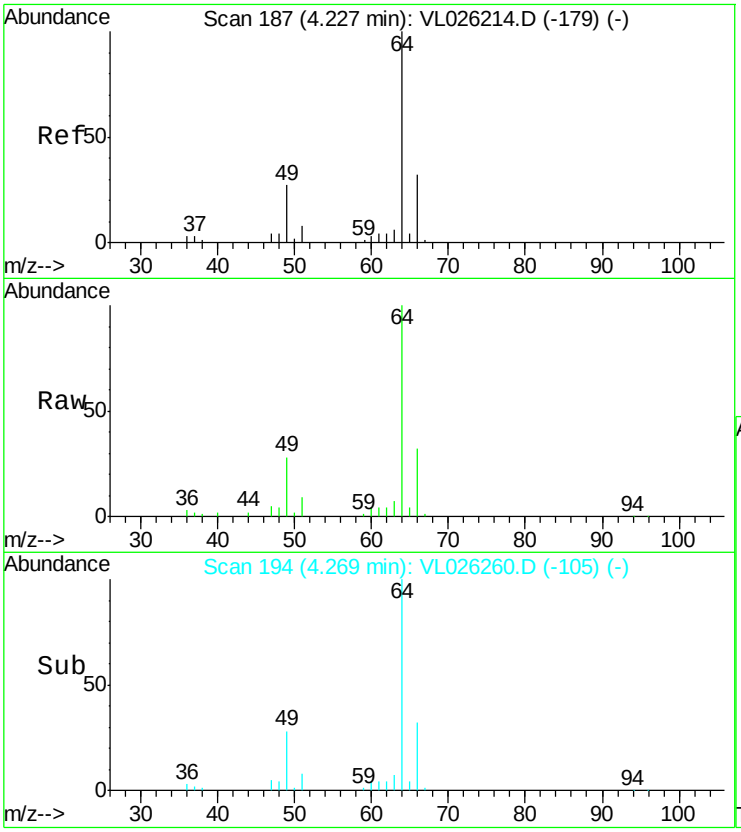


#6
Bromomethane
Concen: 9.79 ppbv
RT: 4.17 min Scan# 178
Delta R.T. 0.04 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion: 94 Resp: 282488

Ion	Ratio	Lower	Upper
94	100		
96	94.4	76.5	114.7



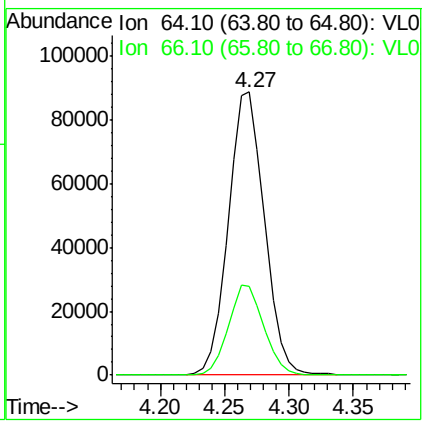


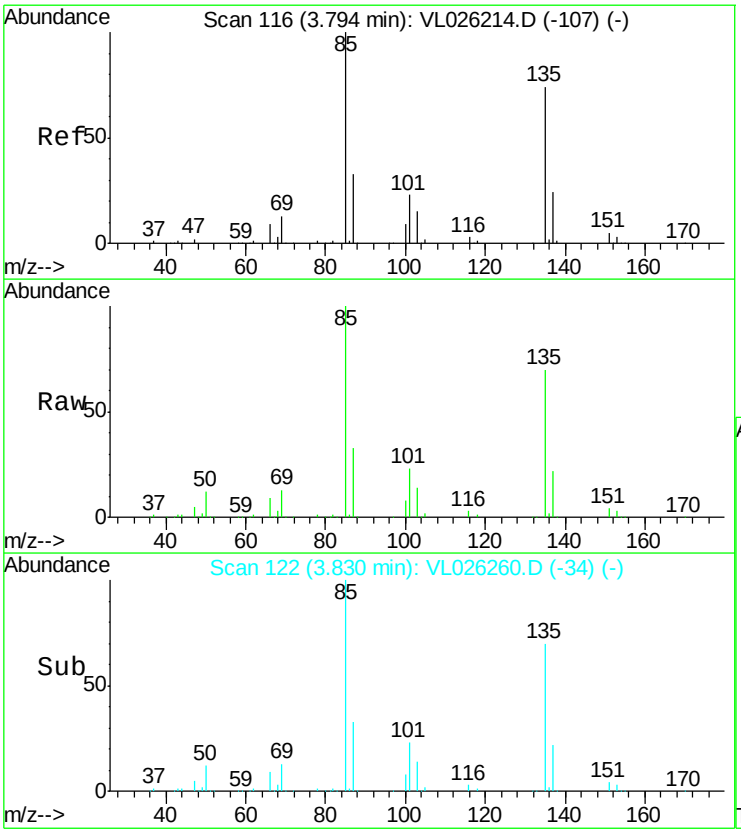
#7
Chloroethane
Concen: 10.25 ppbv
RT: 4.27 min Scan# 194
Delta R.T. 0.04 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 64 Resp: 172758

Ion	Ratio	Lower	Upper
64	100		
66	31.5	25.4	38.0

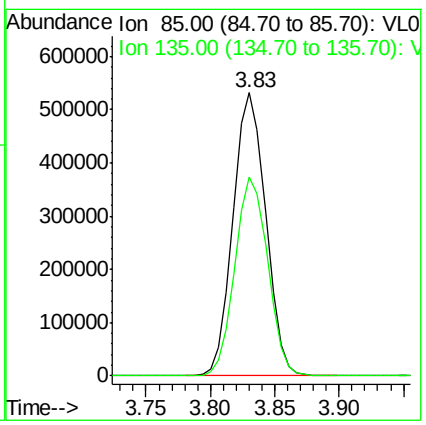


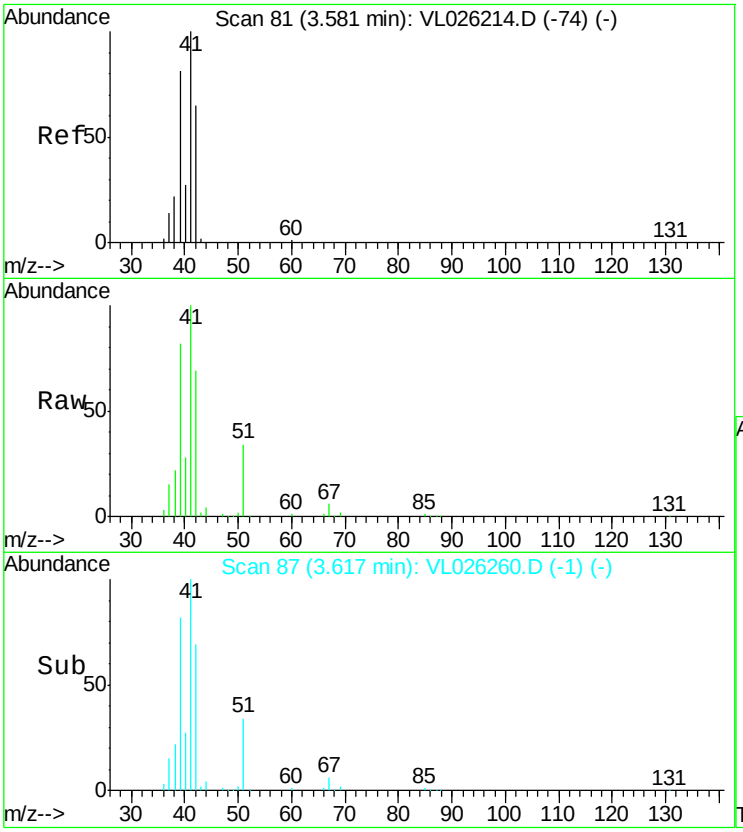


#8
Dichlorotetrafluoroethane
Concen: 9.42 ppbv
RT: 3.83 min Scan# 122
Delta R.T. 0.04 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion: 85 Resp: 937416

Ion	Ratio	Lower	Upper
85	100		
135	70.7	57.8	86.8

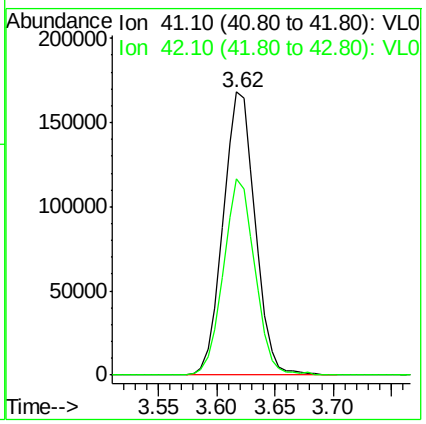




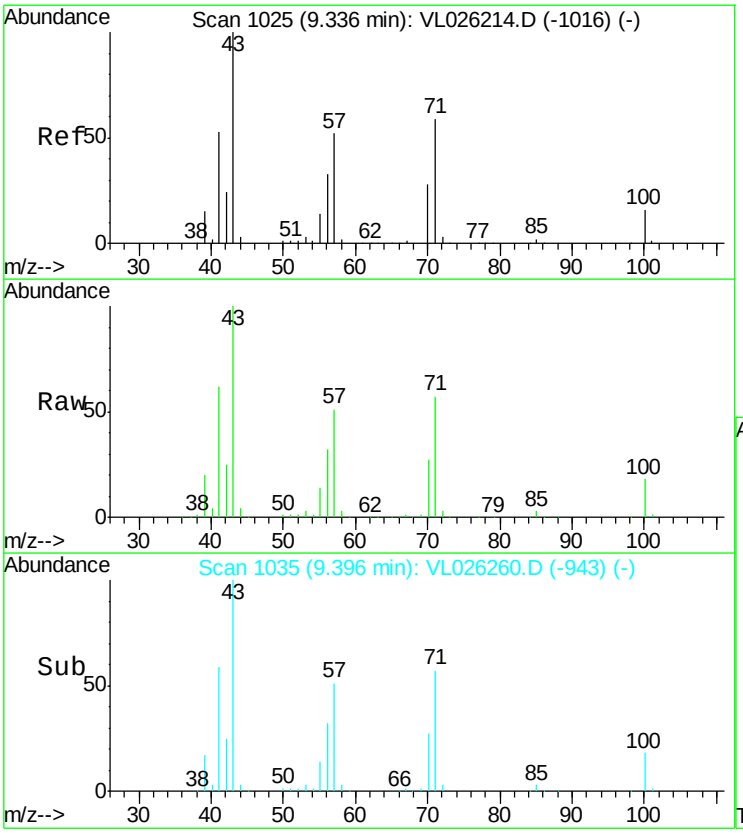
#9
Propene
Concen: 9.71 ppbv
RT: 3.62 min Scan# 87
Delta R.T. 0.04 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion: 41 Resp: 321468

Ion	Ratio	Lower	Upper
41	100		
42	68.1	53.8	80.8



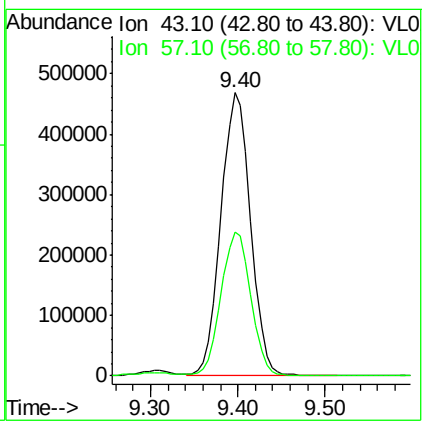
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

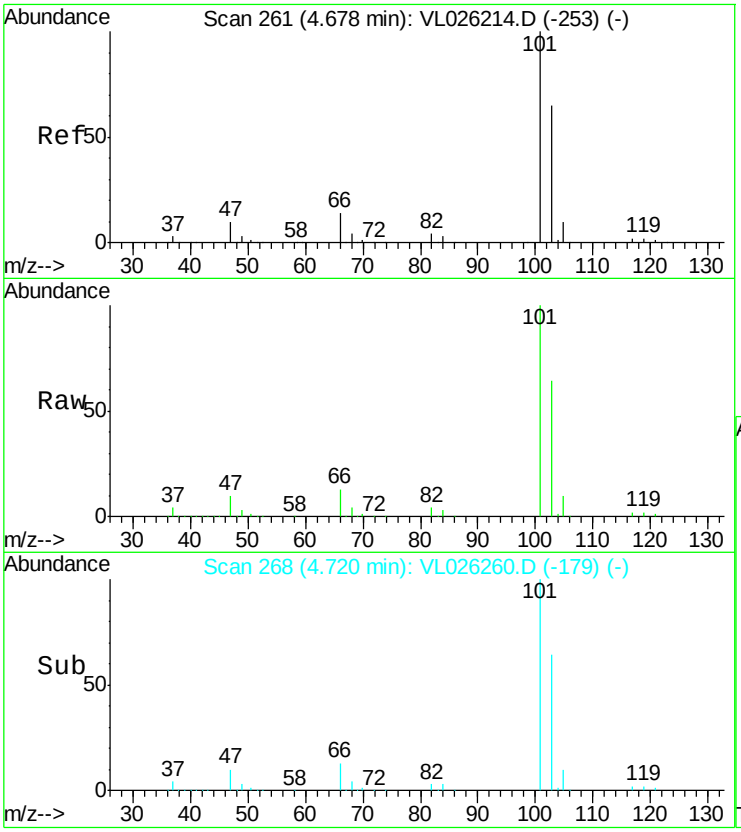


#10
Heptane
Concen: 9.87 ppbv
RT: 9.40 min Scan# 1035
Delta R.T. 0.06 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion: 43 Resp: 1094539

Ion	Ratio	Lower	Upper
43	100		
57	52.9	43.7	65.5



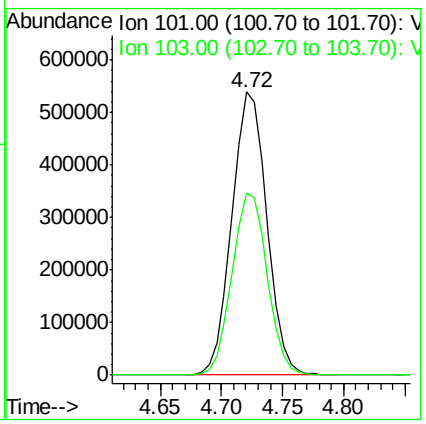


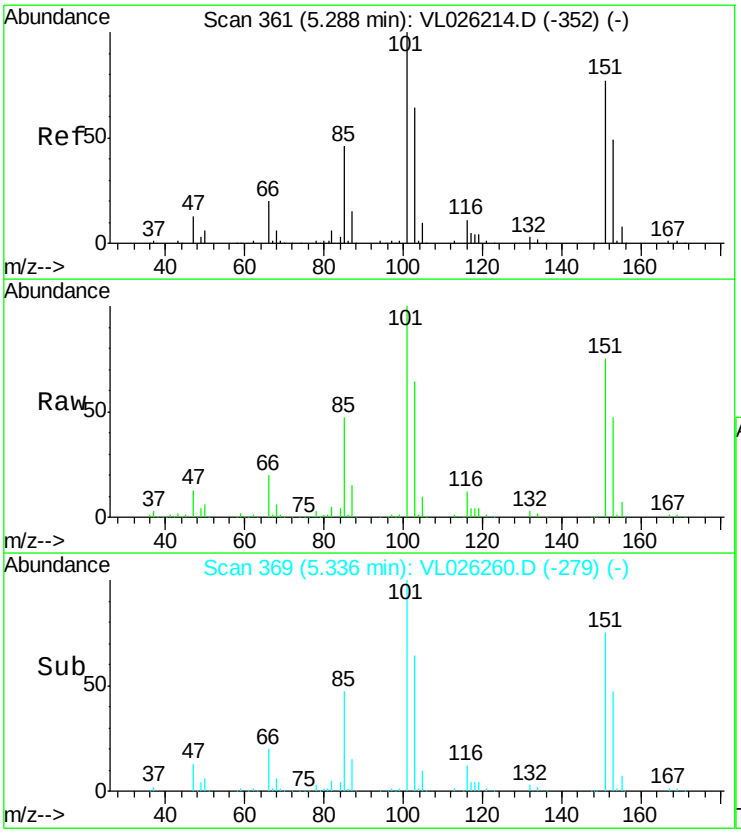
#11
Trichlorofluoromethane
Concen: 9.43 ppbv
RT: 4.72 min Scan# 268
Delta R.T. 0.04 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:101 Resp: 1070808

Ion	Ratio	Lower	Upper
101	100		
103	64.2	52.2	78.2

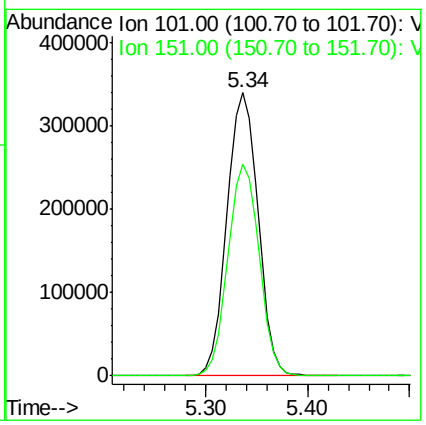


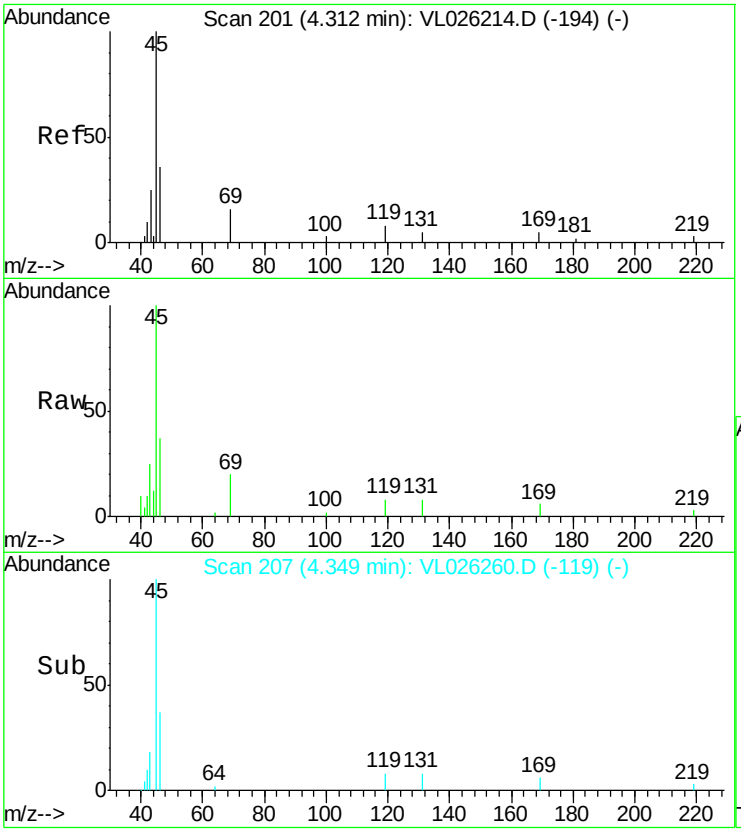


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.28 ppbv
RT: 5.34 min Scan# 369
Delta R.T. 0.05 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion:101 Resp: 719329

Ion	Ratio	Lower	Upper
101	100		
151	75.4	61.7	92.5



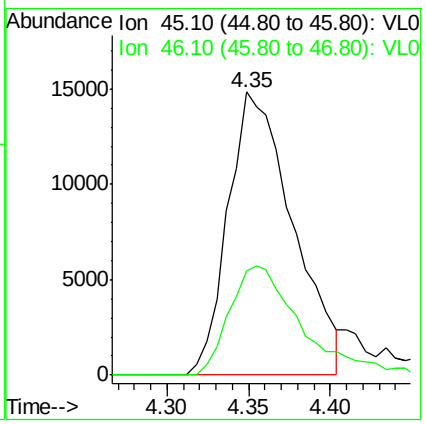


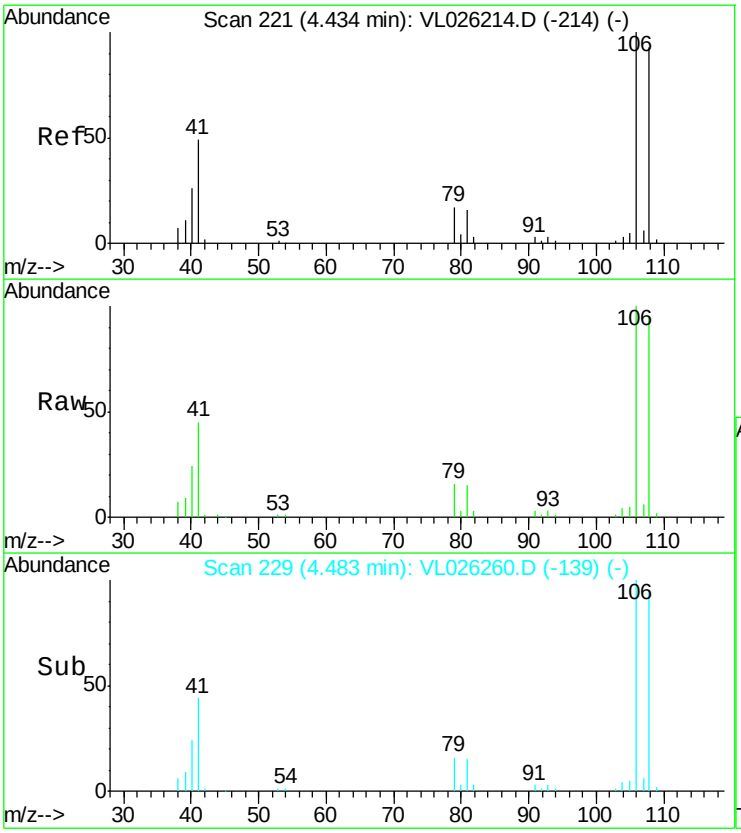
#13
Ethanol
Concen: 8.27 ppbv
RT: 4.35 min Scan# 207
Delta R.T. 0.04 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 45 Resp: 41066

Ion	Ratio	Lower	Upper
45	100		
46	42.5	15.8	63.0

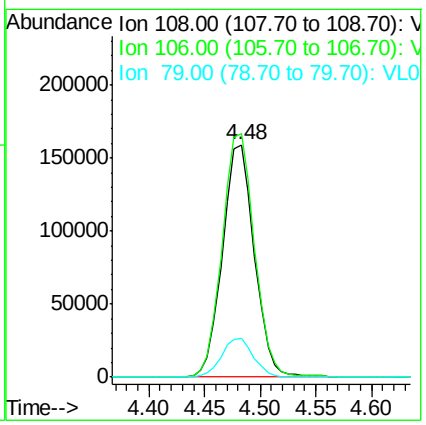


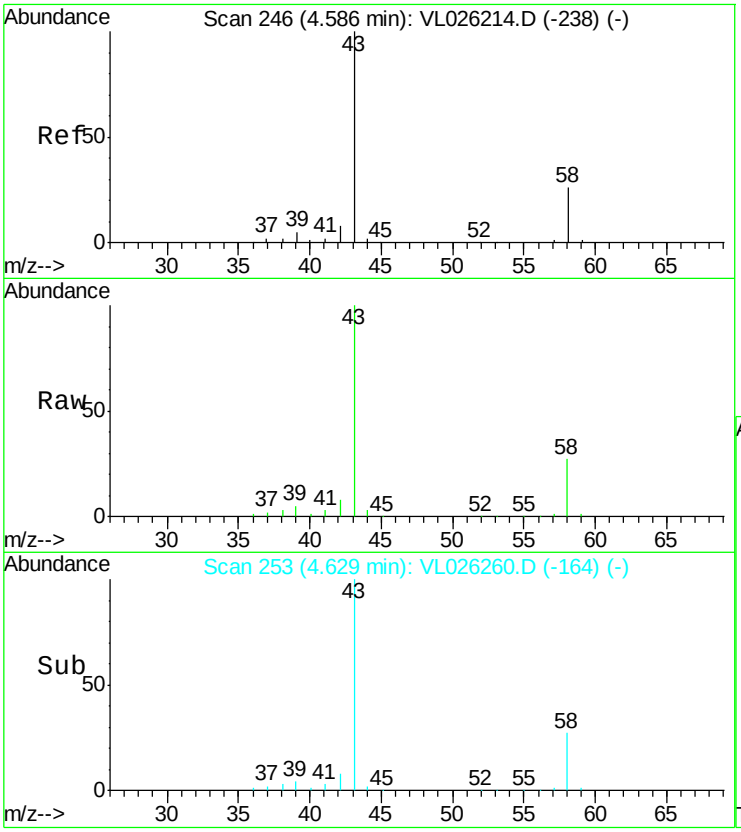


#14
Bromoethene
Concen: 9.66 ppbv
RT: 4.48 min Scan# 229
Delta R.T. 0.05 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion:108 Resp: 315949

Ion	Ratio	Lower	Upper
108	100		
106	106.7	84.7	127.1
79	16.9	14.0	21.0



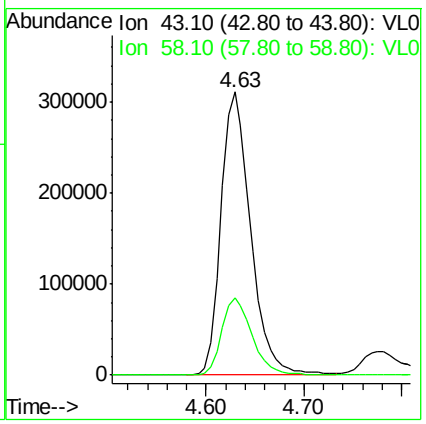


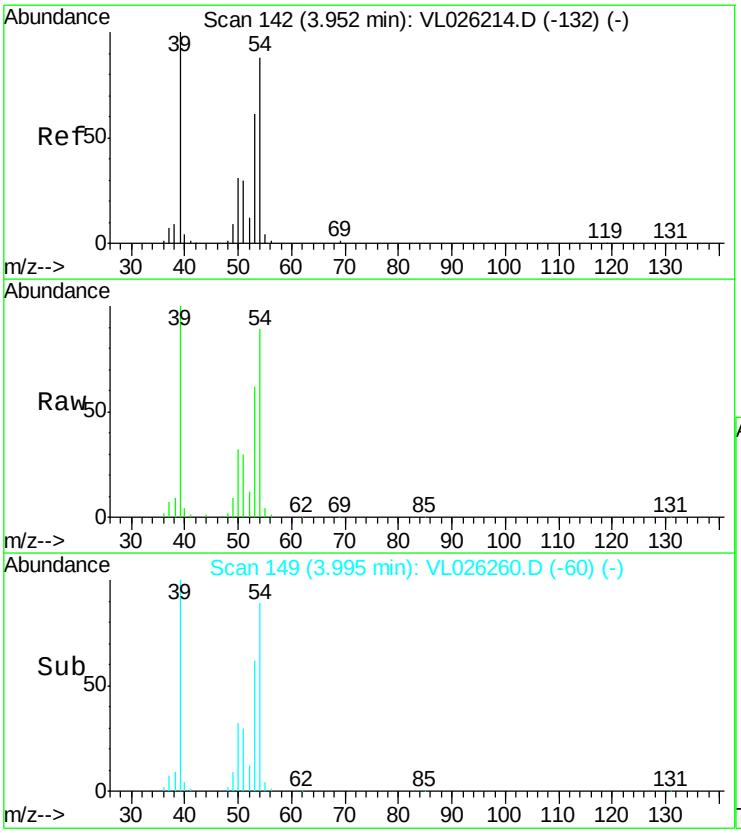
#15
Acetone
Concen: 7.96 ppbv
RT: 4.63 min Scan# 253
Delta R.T. 0.04 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 43 Resp: 654412

Ion	Ratio	Lower	Upper
43	100		
58	28.0	21.8	32.6

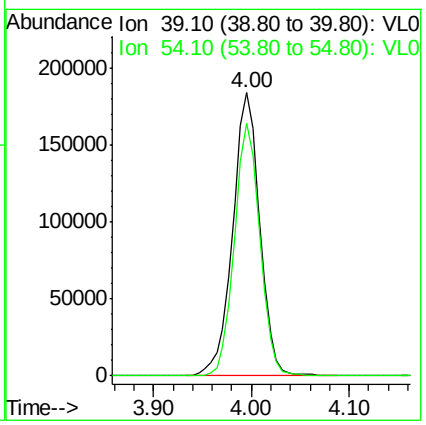


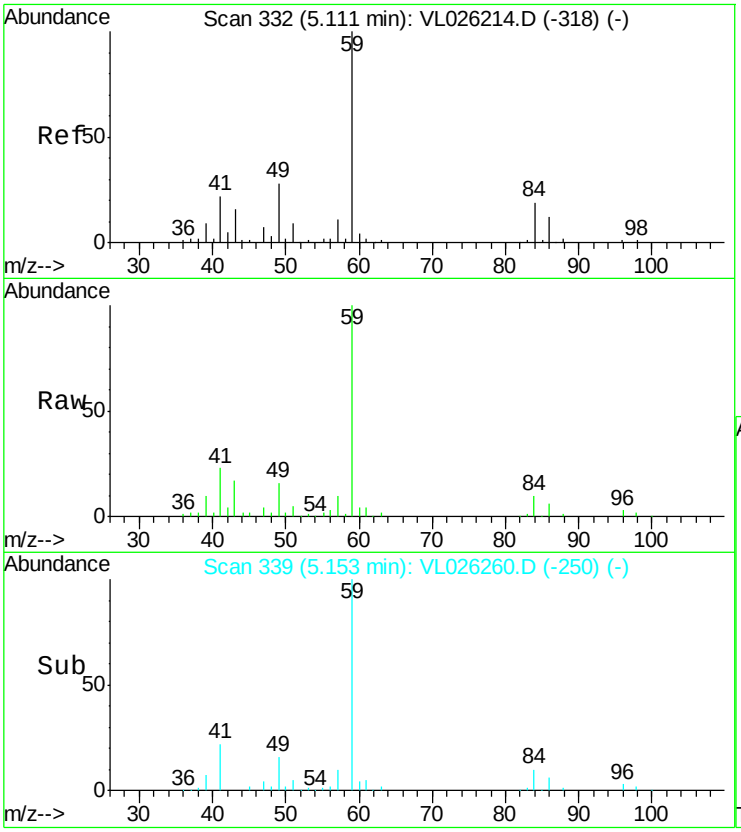


#16
1,3-Butadiene
Concen: 9.67 ppbv
RT: 4.00 min Scan# 149
Delta R.T. 0.04 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion: 39 Resp: 354847

Ion	Ratio	Lower	Upper
39	100		
54	84.1	67.3	100.9



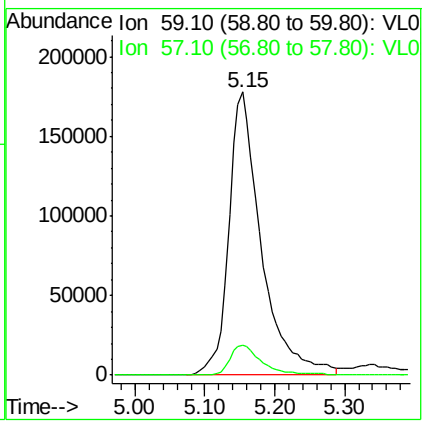


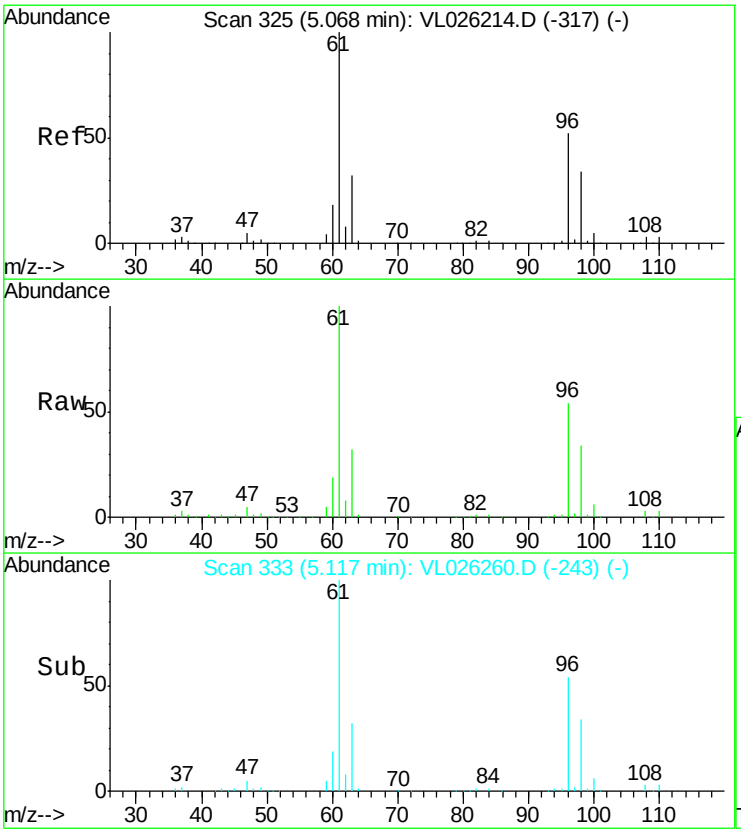
#17
tert-Butyl alcohol
Concen: 10.21 ppbv
RT: 5.15 min Scan# 339
Delta R.T. 0.04 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 59 Resp: 573907

Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.5	12.7

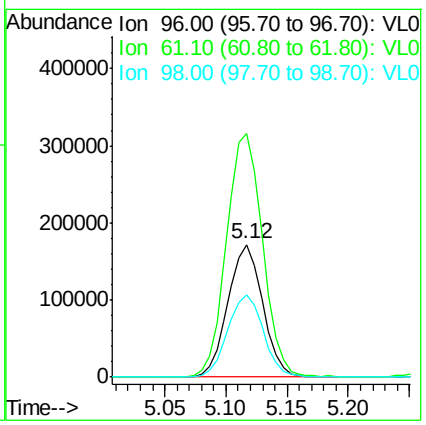


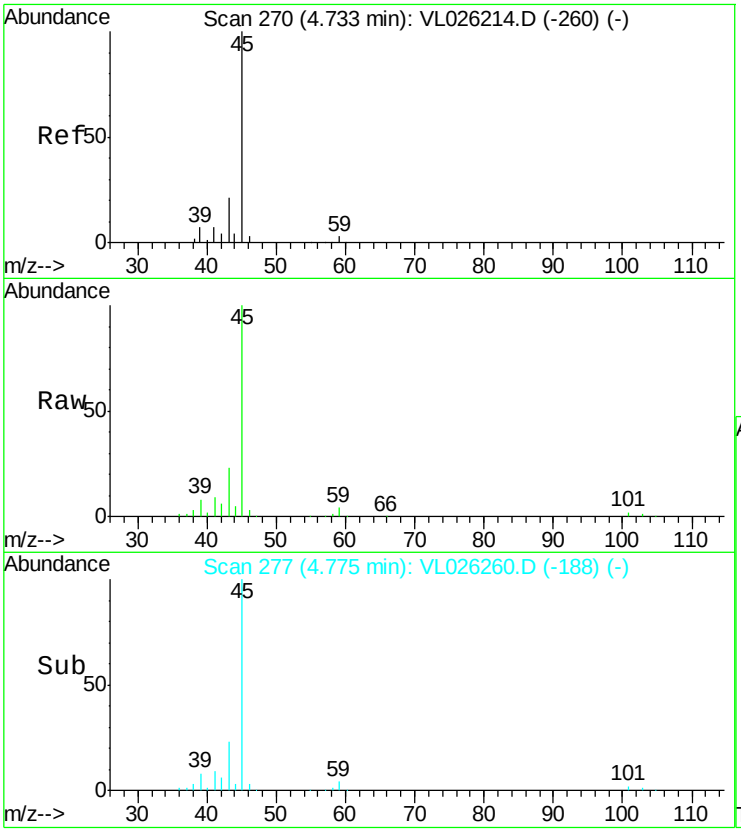


#18
1,1-Dichloroethene
Concen: 9.68 ppbv
RT: 5.12 min Scan# 333
Delta R.T. 0.05 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion: 96 Resp: 338817

Ion	Ratio	Lower	Upper
96	100		
61	183.7	153.7	230.5
98	62.6	51.6	77.4



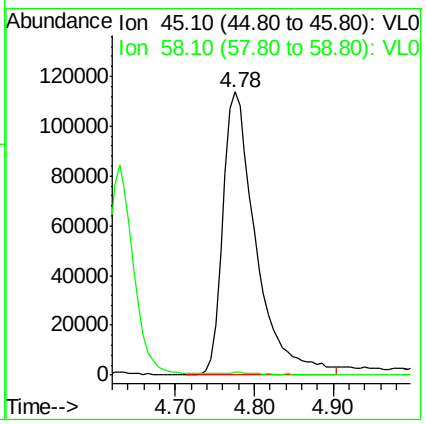


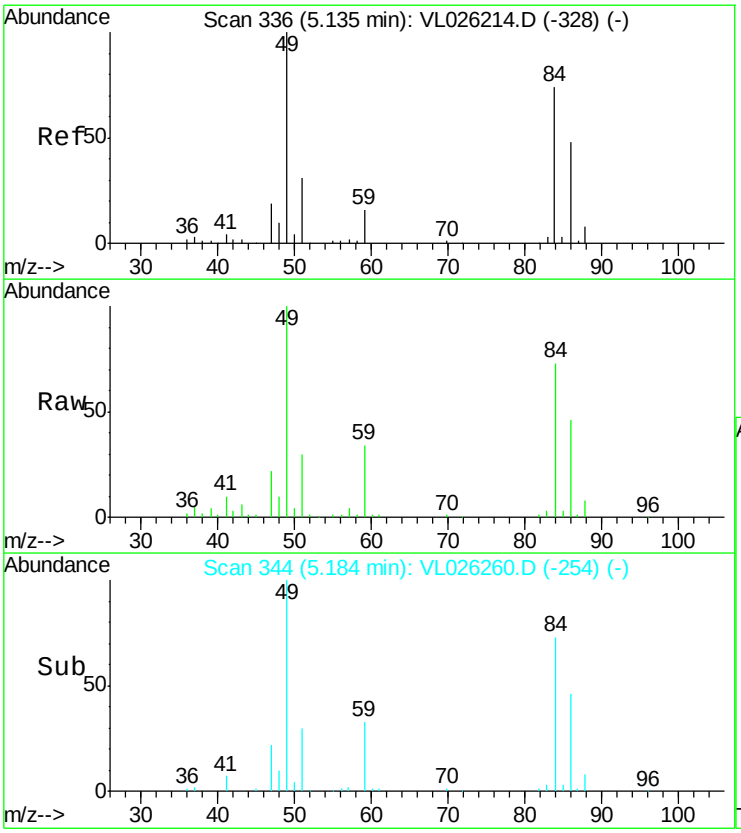
#19
Isopropyl Alcohol
Concen: 10.37 ppbv
RT: 4.78 min Scan# 277
Delta R.T. 0.04 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 45 Resp: 333606

Ion	Ratio	Lower	Upper
45	100		
58	54.8	40.3	60.5

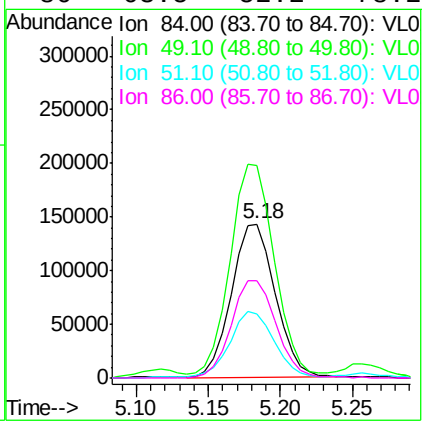


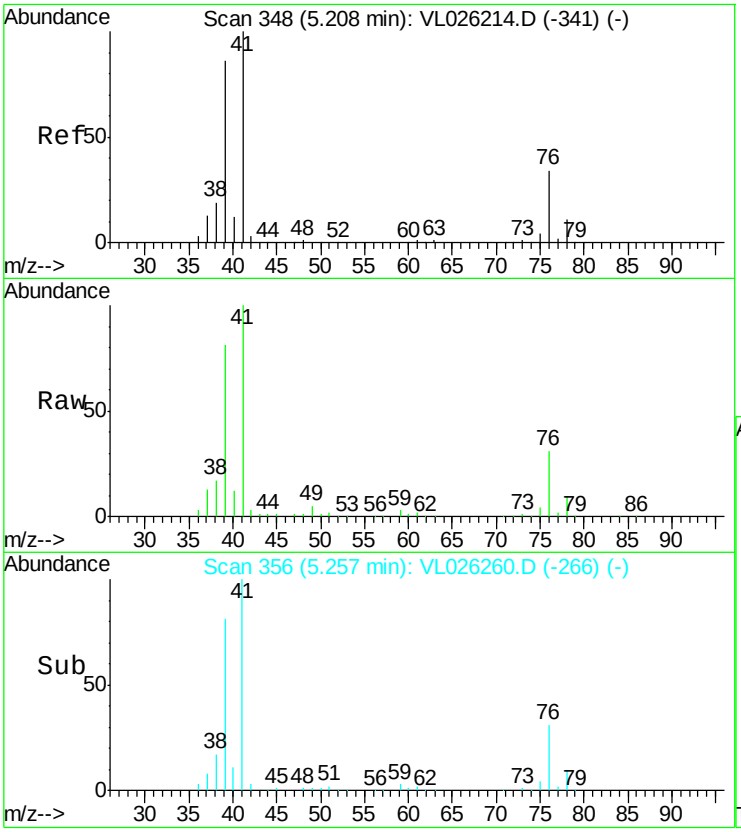


#20
Methylene Chloride
Concen: 9.25 ppbv
RT: 5.18 min Scan# 344
Delta R.T. 0.05 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion: 84 Resp: 303625

Ion	Ratio	Lower	Upper
84	100		
49	136.2	108.7	163.1
51	41.0	33.7	50.5
86	63.5	52.2	78.2



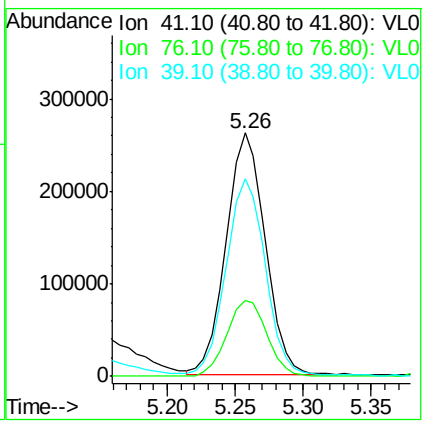


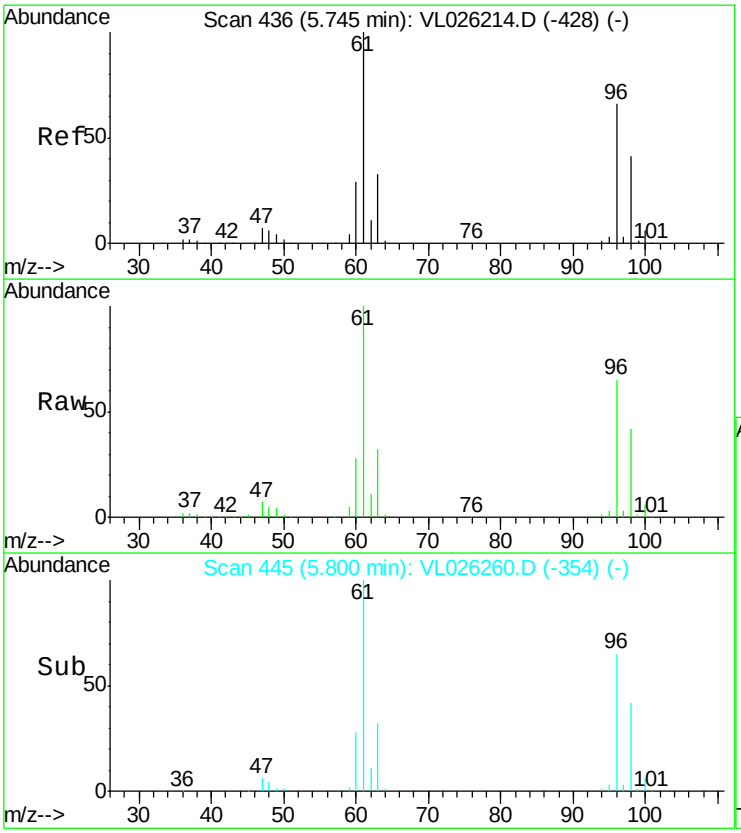
#21
Allvl Chloride
Concen: 9.72 ppbv
RT: 5.26 min Scan# 356
Delta R.T. 0.05 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 41 Resp: 521978

Ion	Ratio	Lower	Upper
41	100		
76	32.4	26.6	39.8
39	82.8	67.4	101.2

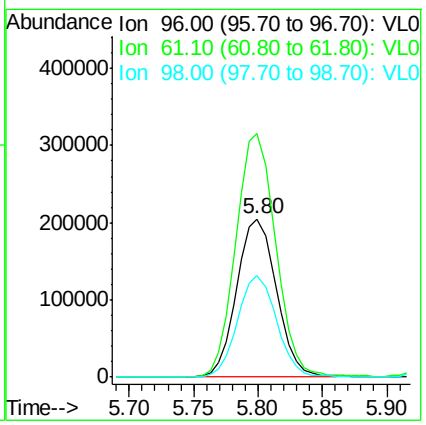


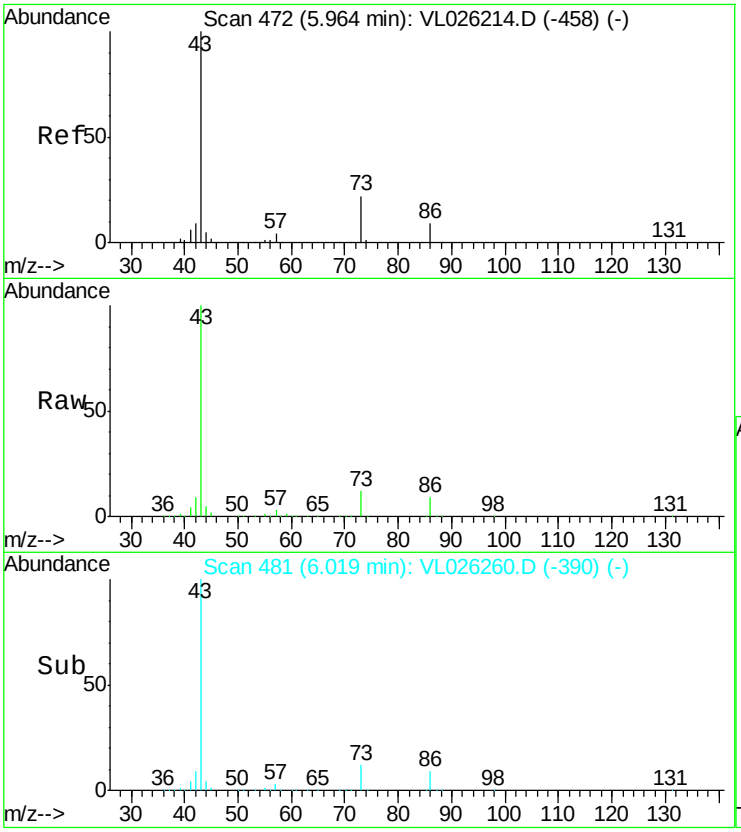


#22
trans-1,2-Dichloroethene
Concen: 9.72 ppbv
RT: 5.80 min Scan# 445
Delta R.T. 0.05 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion: 96 Resp: 438910

Ion	Ratio	Lower	Upper
96	100		
61	154.0	121.5	182.3
98	64.2	49.7	74.5



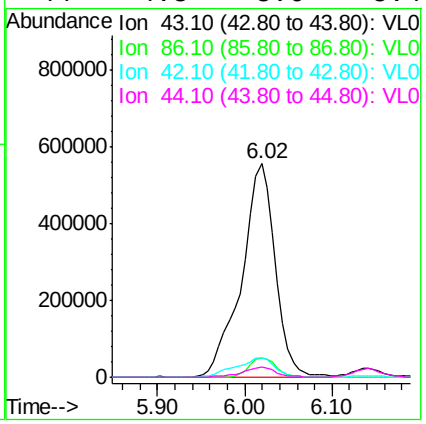


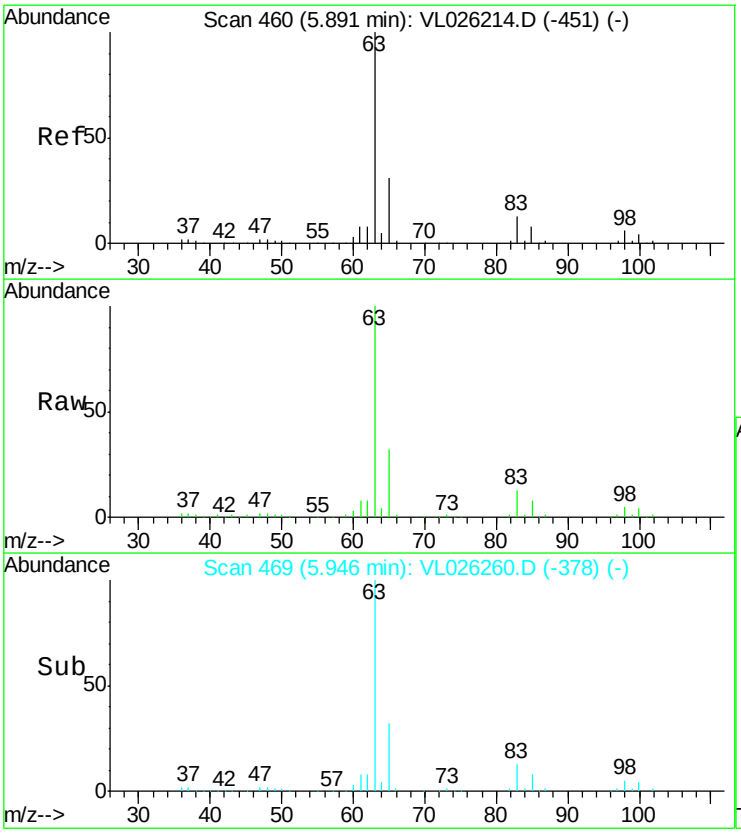
#23
Vinyl Acetate
Concen: 9.70 ppbv
RT: 6.02 min Scan# 481
Delta R.T. 0.05 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 43 Resp: 1470667

Ion	Ratio	Lower	Upper
43	100		
86	9.1	7.0	10.6
42	9.0	7.5	11.3
44	4.8	3.6	5.4

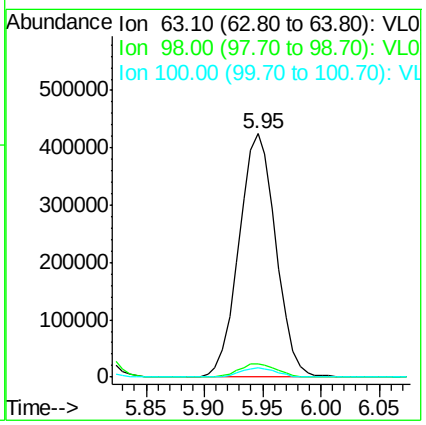


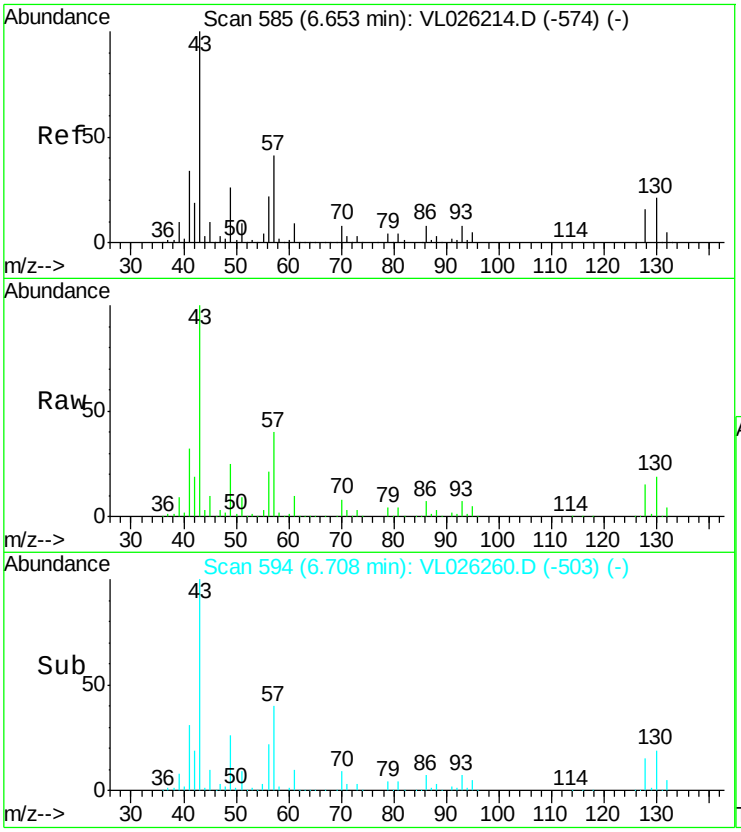


#24
1,1-Dichloroethane
Concen: 9.76 ppbv
RT: 5.95 min Scan# 469
Delta R.T. 0.05 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion: 63 Resp: 934051

Ion	Ratio	Lower	Upper
63	100		
98	5.4	2.9	8.8
100	3.8	1.8	5.5



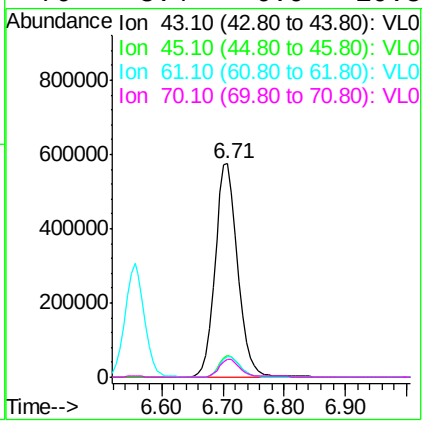


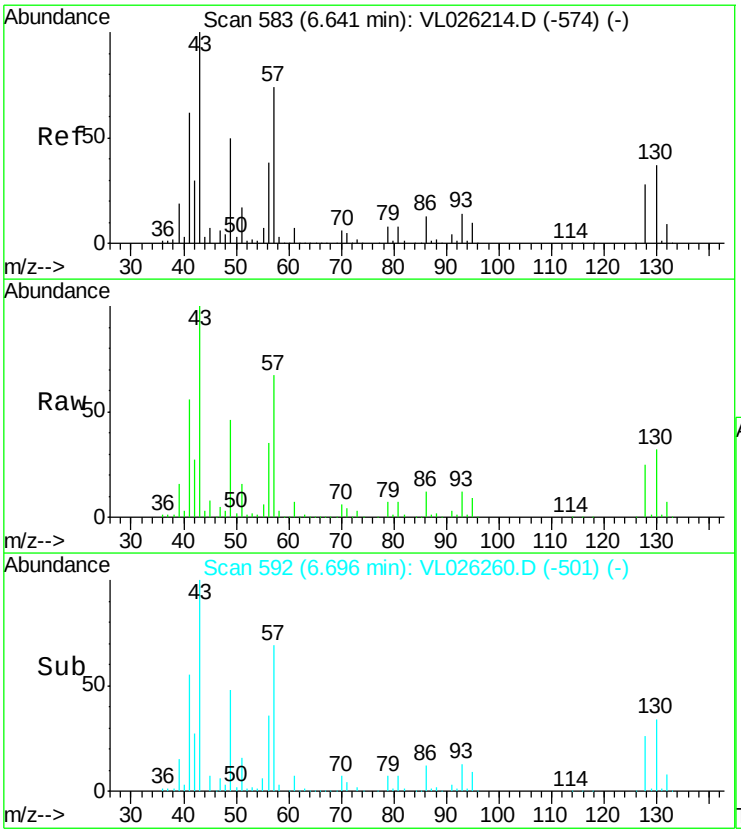
#25
Ethyl Acetate
Concen: 9.51 ppbv
RT: 6.71 min Scan# 594
Delta R.T. 0.05 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 43 Resp: 1466263

Ion	Ratio	Lower	Upper
43	100		
45	9.6	7.7	11.5
61	9.2	7.5	11.3
70	8.4	6.9	10.3

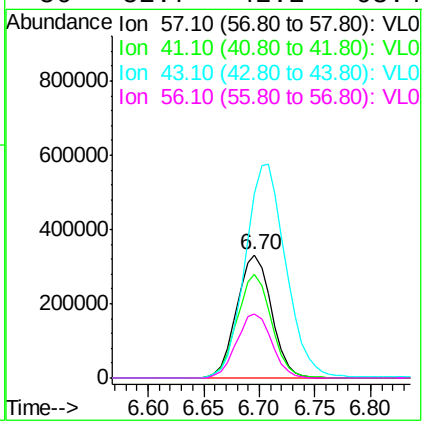


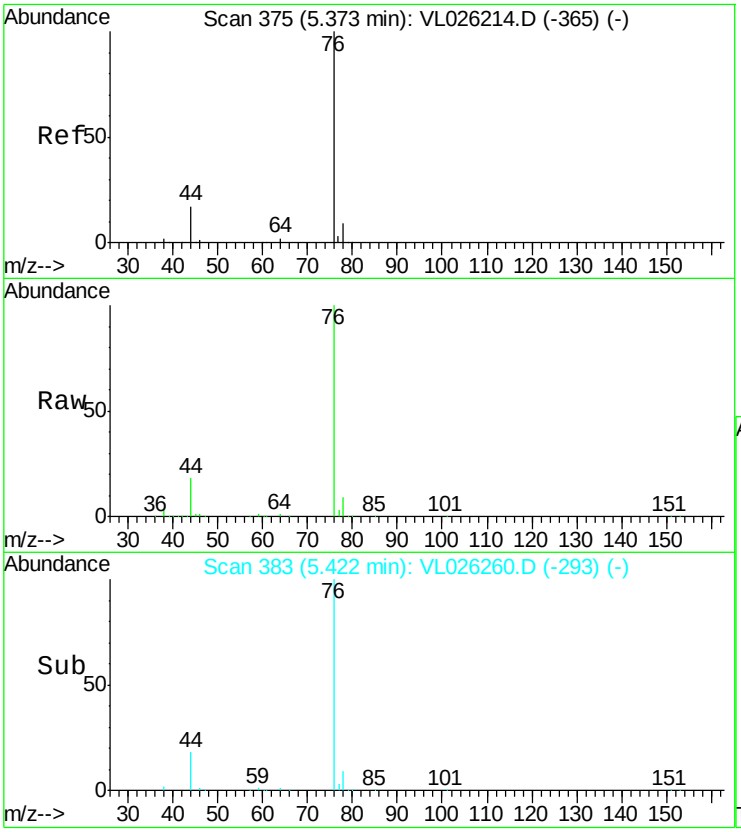


#26
Hexane
Concen: 9.35 ppbv
RT: 6.70 min Scan# 592
Delta R.T. 0.05 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion: 57 Resp: 720826

Ion	Ratio	Lower	Upper
57	100		
41	84.3	68.1	102.1
43	204.4	163.4	245.2
56	52.7	42.2	63.4



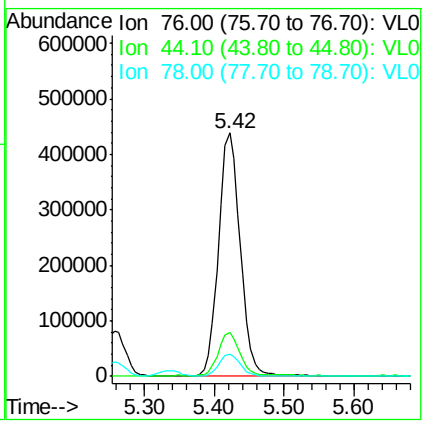


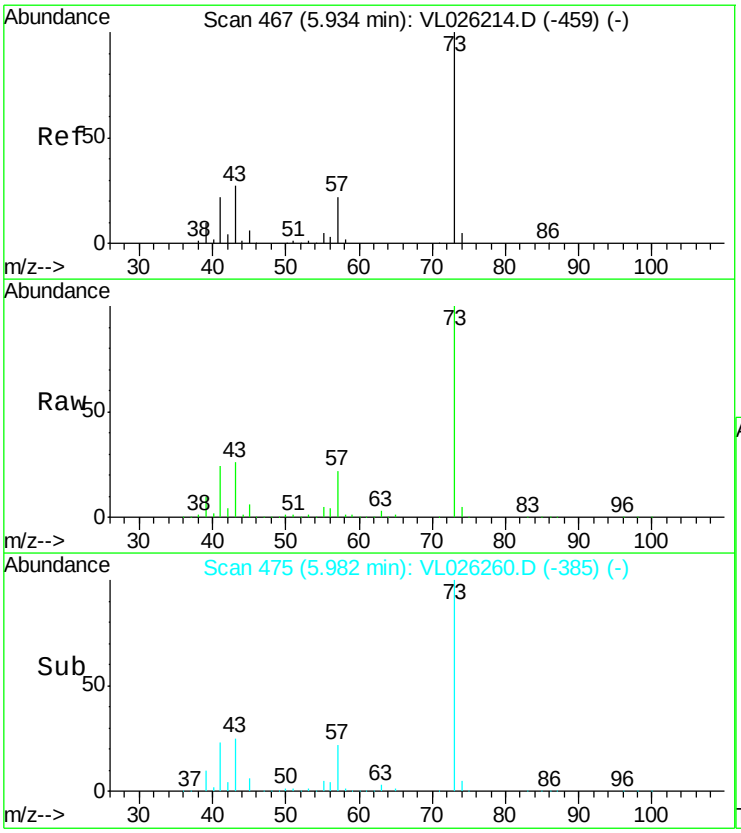
#27
Carbon Disulfide
Concen: 9.65 ppbv
RT: 5.42 min Scan# 383
Delta R.T. 0.05 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 76 Resp: 950353

Ion	Ratio	Lower	Upper
76	100		
44	17.6	14.0	21.0
78	9.3	7.4	11.2

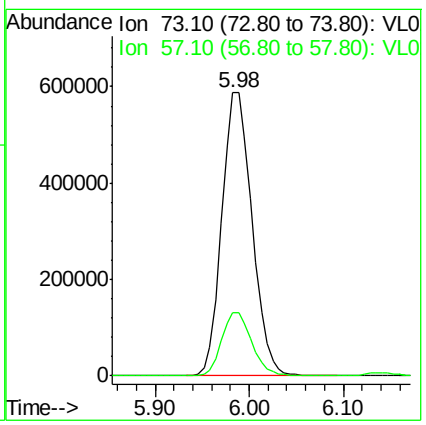


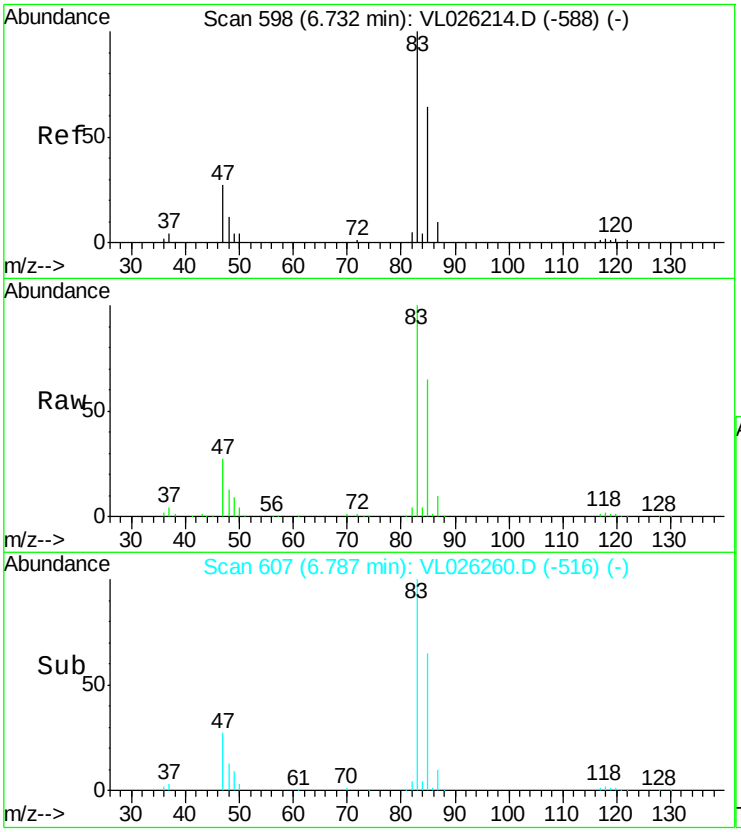


#28
Methyl tert-Butyl Ether
Concen: 9.33 ppbv
RT: 5.98 min Scan# 475
Delta R.T. 0.05 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion: 73 Resp: 1307262

Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.4	26.0



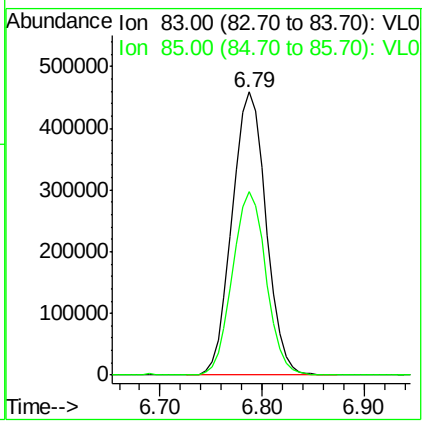


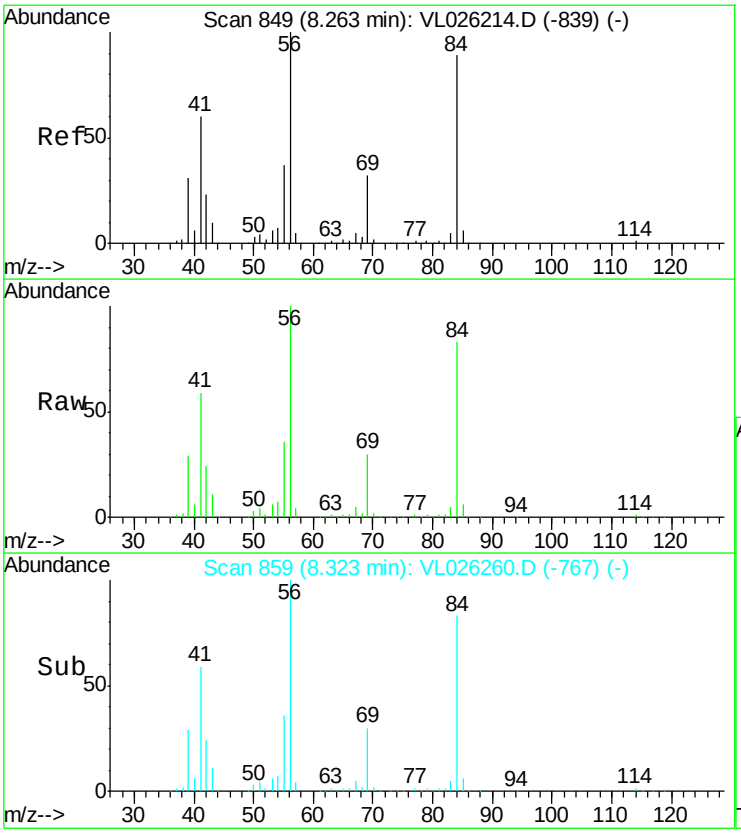
#29
Chloroform
Concen: 9.50 ppbv
RT: 6.79 min Scan# 607
Delta R.T. 0.05 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 83 Resp: 1062351

Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.5	77.3

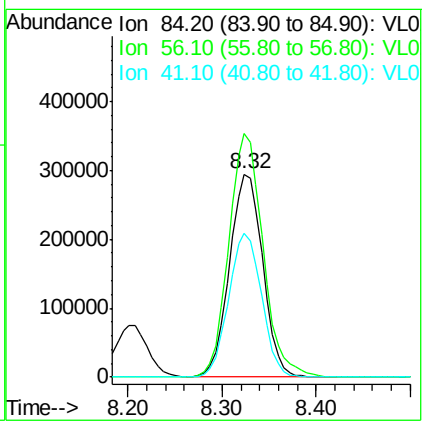


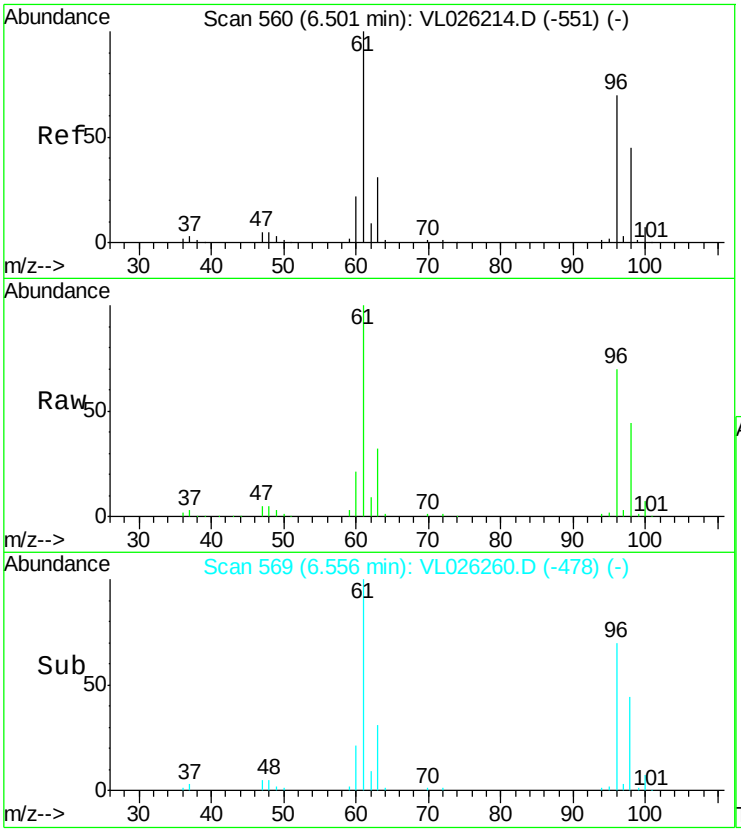


#30
Cyclohexane
Concen: 9.36 ppbv
RT: 8.32 min Scan# 859
Delta R.T. 0.06 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion: 84 Resp: 721202

Ion	Ratio	Lower	Upper
84	100		
56	124.5	95.9	143.9
41	70.9	54.8	82.2



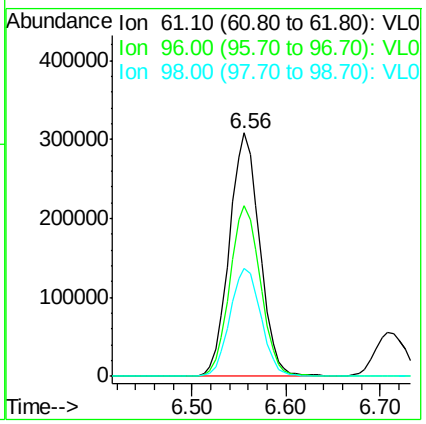


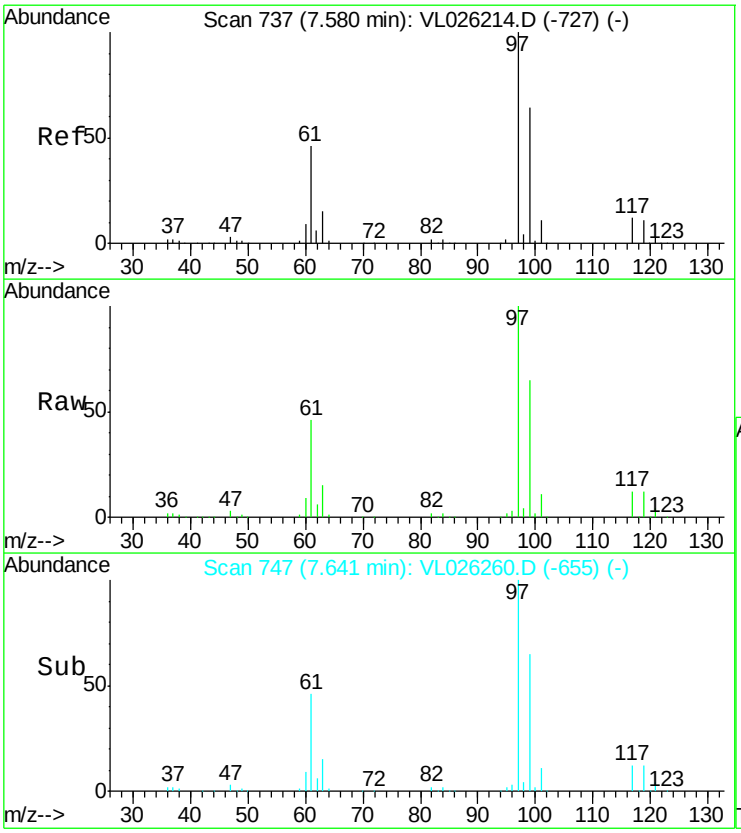
#31
cis-1,2-Dichloroethene
Concen: 9.84 ppbv
RT: 6.56 min Scan# 569
Delta R.T. 0.05 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 61 Resp: 688505

Ion	Ratio	Lower	Upper
61	100		
96	70.3	56.0	84.0
98	44.3	36.1	54.1

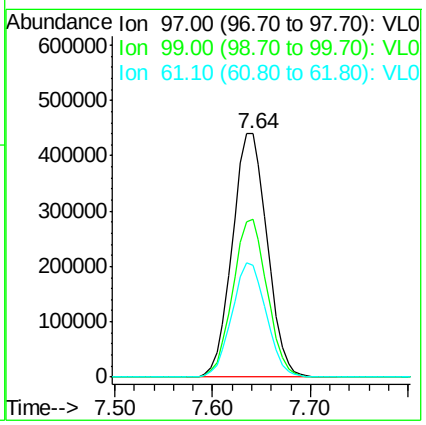


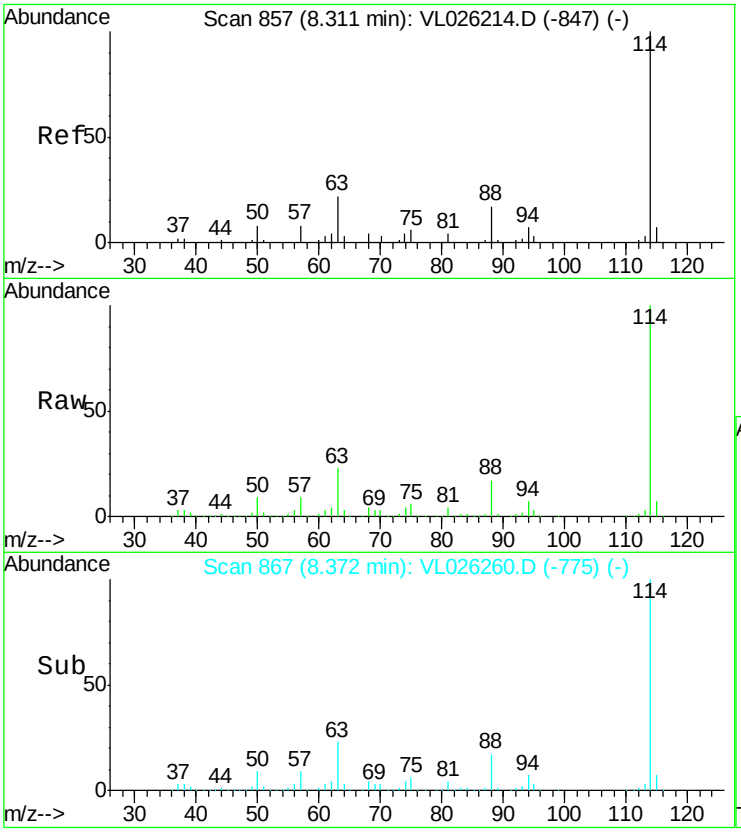


#32
1,1,1-Trichloroethane
Concen: 8.80 ppbv
RT: 7.64 min Scan# 747
Delta R.T. 0.06 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion: 97 Resp: 1091320

Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.4	77.0
61	46.3	36.2	54.4



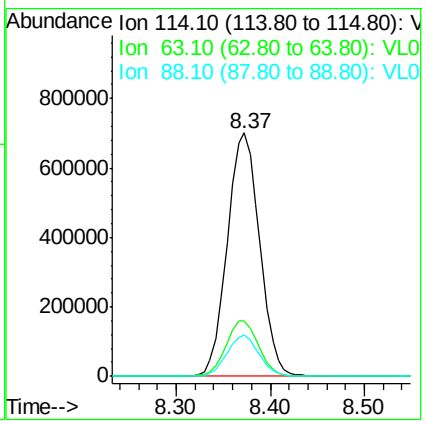


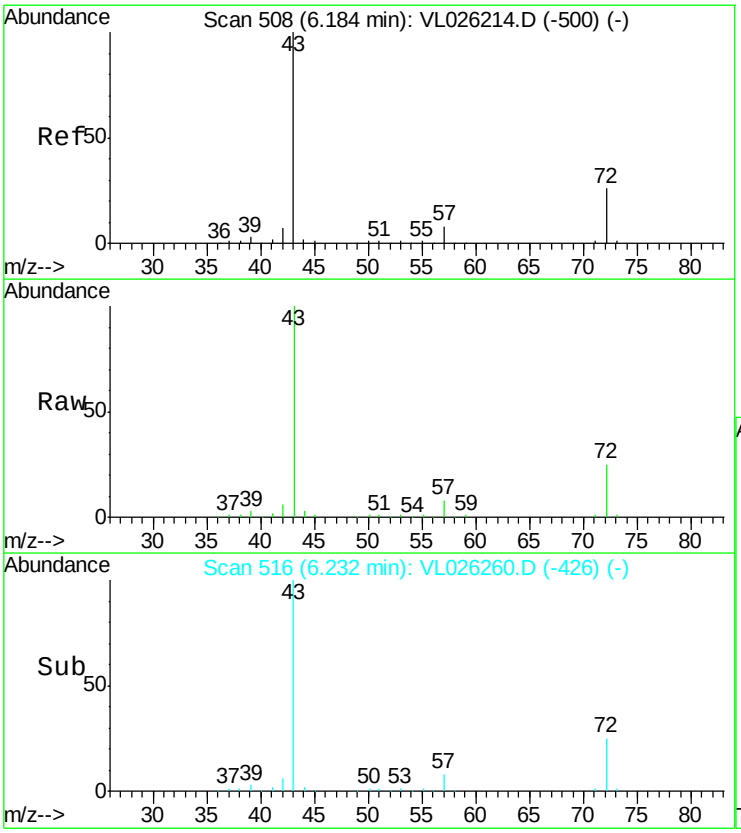
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.37 min Scan# 867
Delta R.T. 0.06 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:114 Resp: 1665865

Ion	Ratio	Lower	Upper
114	100		
63	23.3	18.2	27.4
88	16.8	13.5	20.3

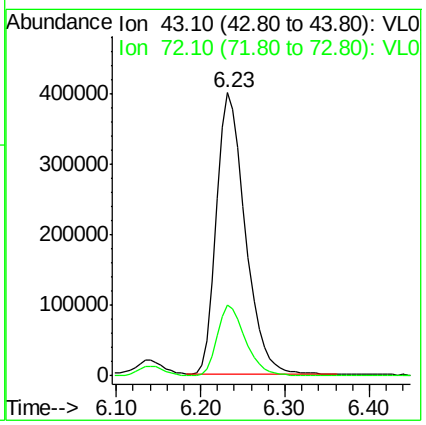


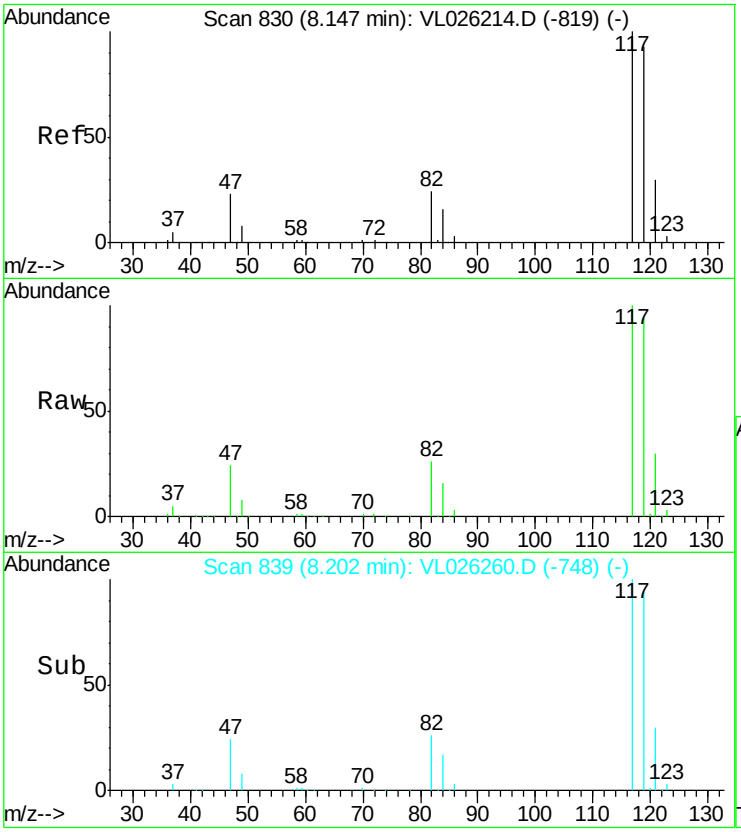


#34
2-Butanone
Concen: 9.99 ppbv
RT: 6.23 min Scan# 516
Delta R.T. 0.05 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion: 43 Resp: 940745

Ion	Ratio	Lower	Upper
43	100		
72	24.9	20.1	30.1



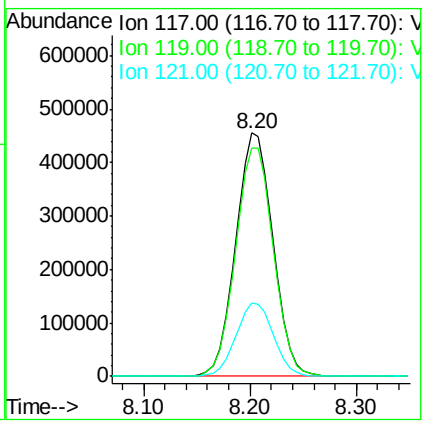


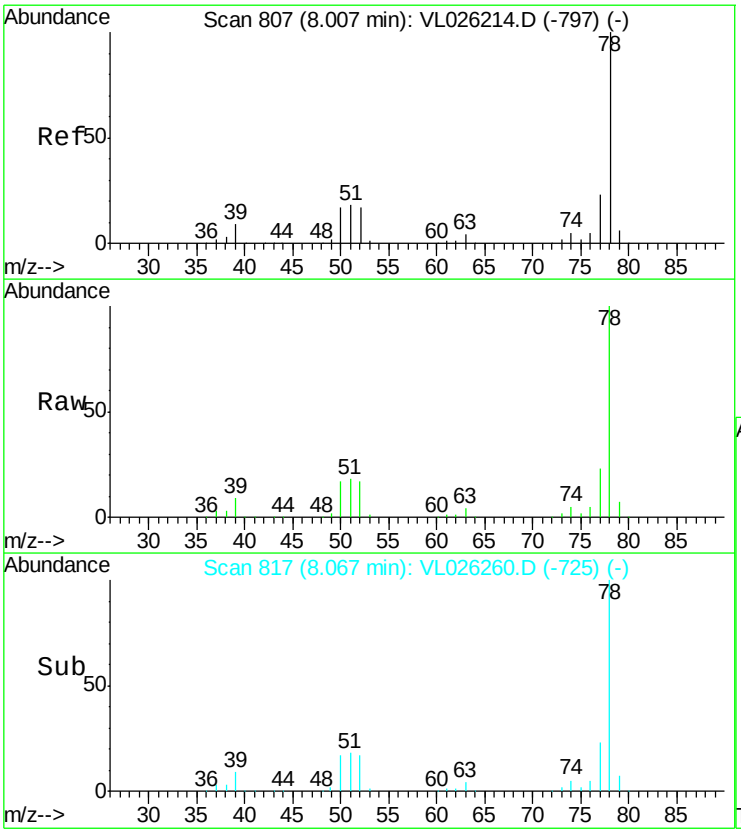
#35
Carbon Tetrachloride
Concen: 8.81 ppbv
RT: 8.20 min Scan# 839
Delta R.T. 0.05 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 1117726

Ion	Ratio	Lower	Upper
117	100		
119	94.0	74.6	111.8
121	30.2	24.2	36.2

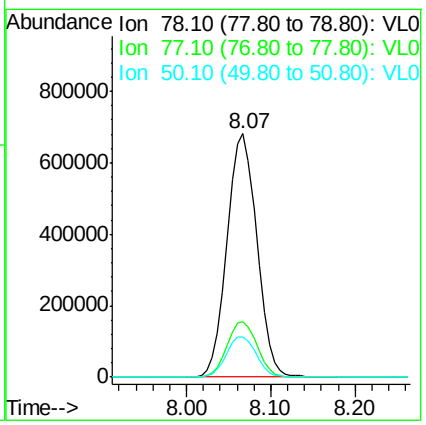


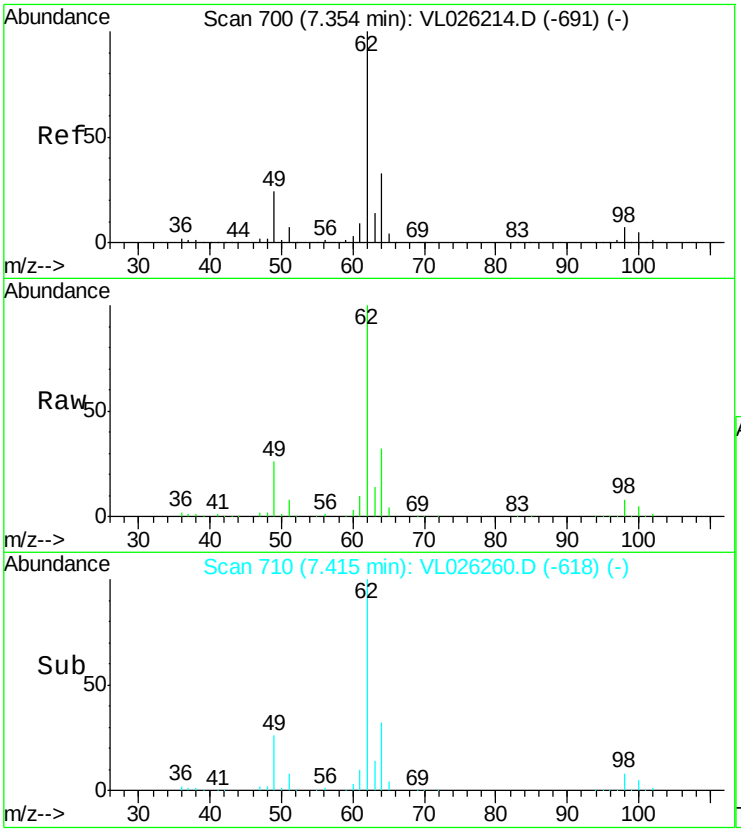


#36
Benzene
Concen: 9.66 ppbv
RT: 8.07 min Scan# 817
Delta R.T. 0.06 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion: 78 Resp: 1639375

Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.1	27.1
50	16.6	13.8	20.8

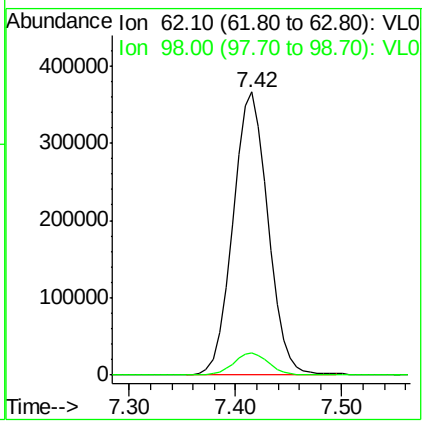




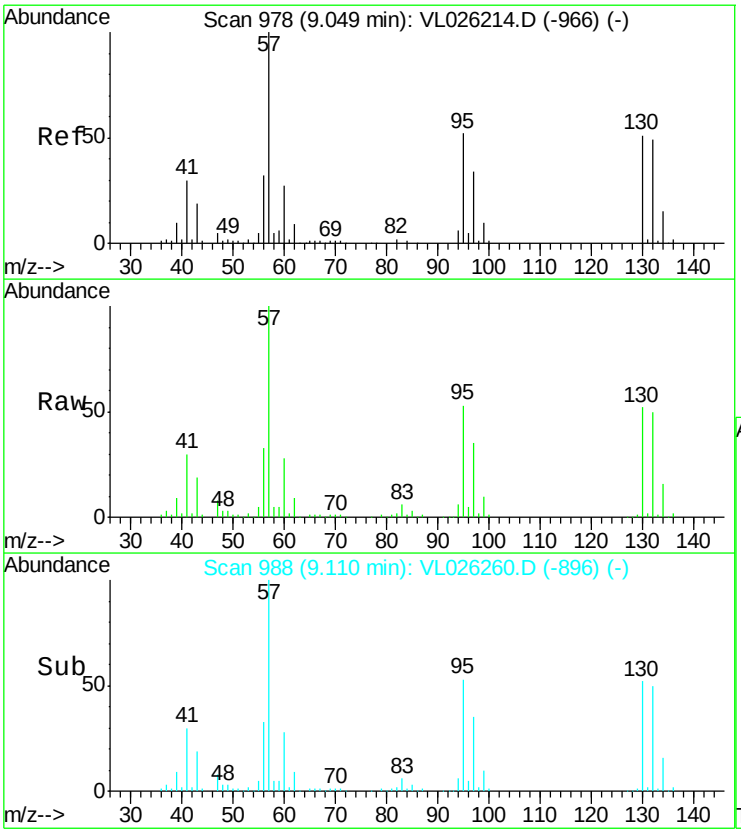
#37
1,2-Dichloroethane
Concen: 9.69 ppbv
RT: 7.42 min Scan# 710
Delta R.T. 0.06 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion: 62 Resp: 845194

Ion	Ratio	Lower	Upper
62	100		
98	7.9	6.1	9.1



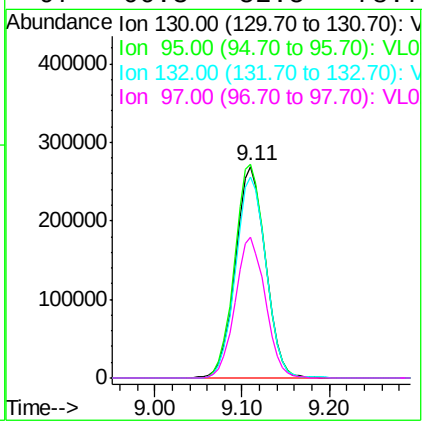
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

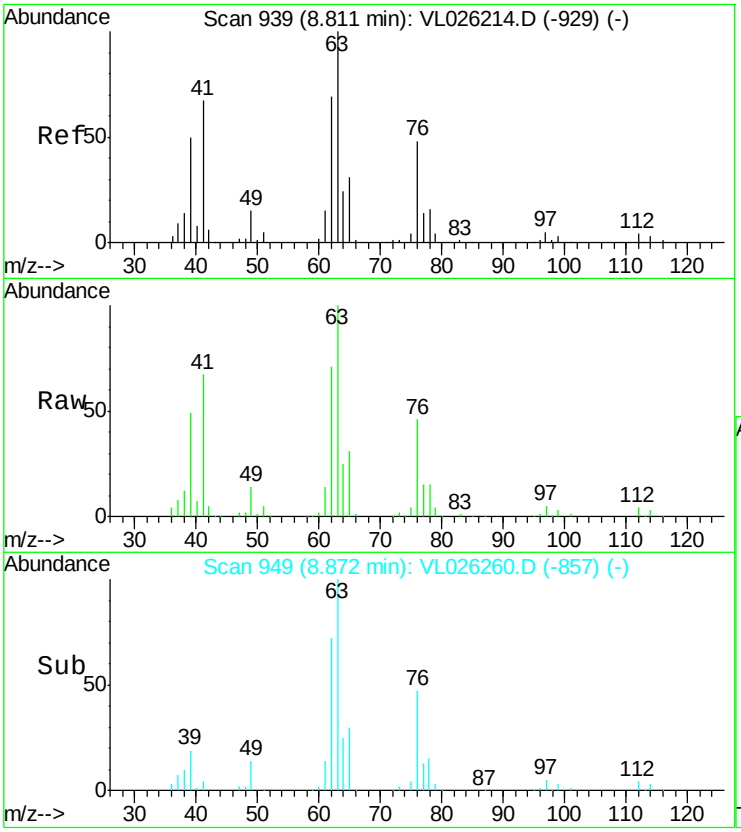


#38
Trichloroethene
Concen: 7.84 ppbv
RT: 9.11 min Scan# 988
Delta R.T. 0.06 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion:130 Resp: 645698

Ion	Ratio	Lower	Upper
130	100		
95	101.0	81.0	121.4
132	95.2	76.5	114.7
97	66.3	52.5	78.7



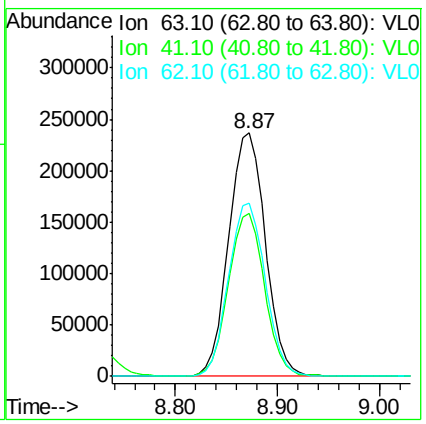


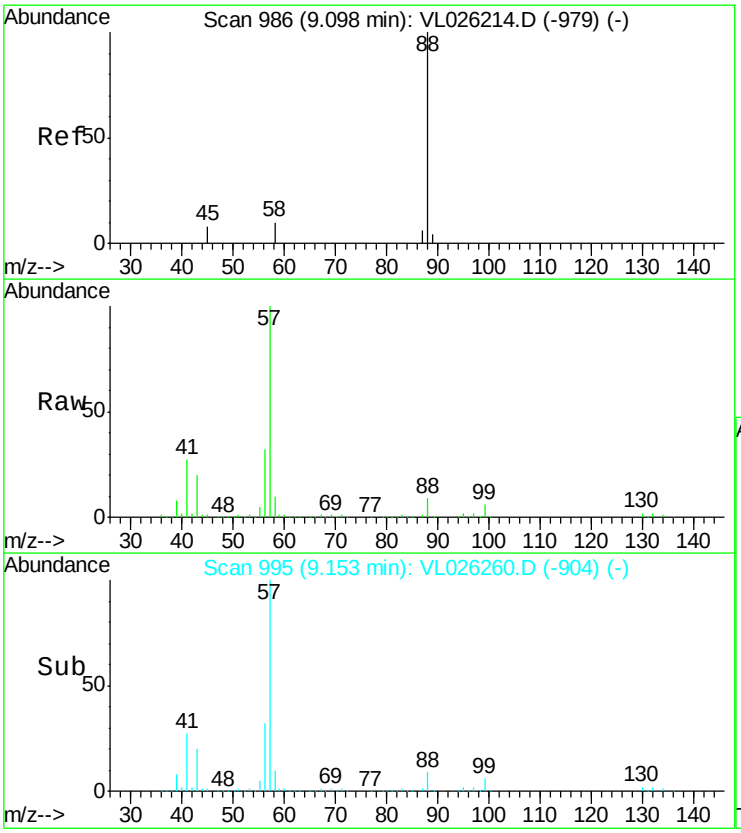
#39
1,2-Dichloropropane
Concen: 9.95 ppbv
RT: 8.87 min Scan# 949
Delta R.T. 0.06 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 63 Resp: 593545

Ion	Ratio	Lower	Upper
63	100		
41	66.5	53.2	79.8
62	71.4	55.4	83.2

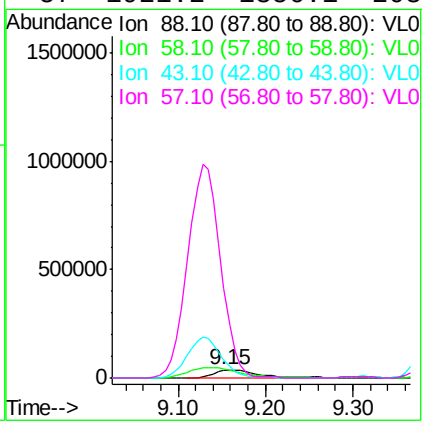


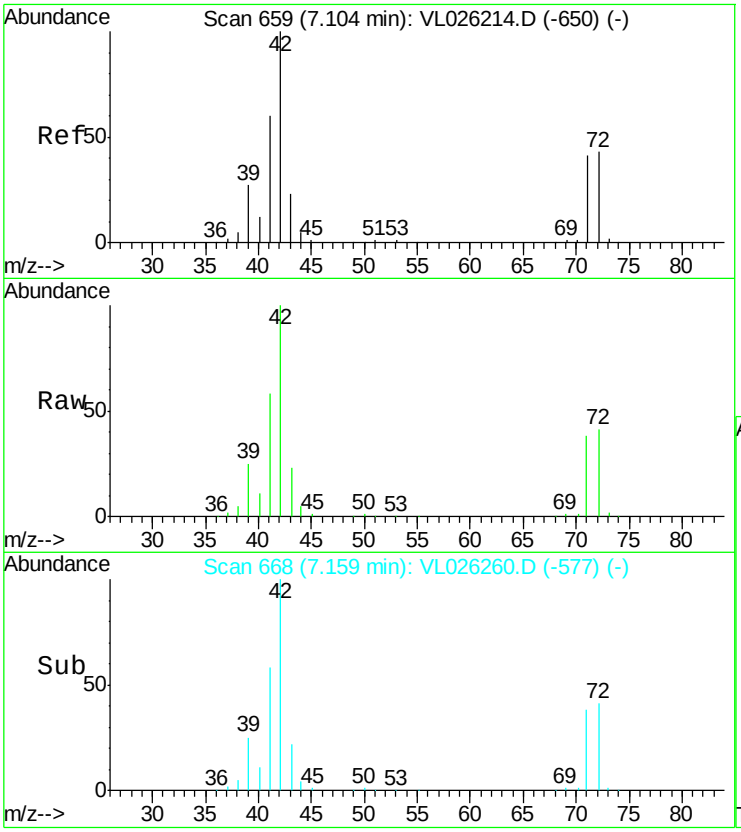


#40
1,4-Dioxane
Concen: 12.01 ppbv
RT: 9.15 min Scan# 995
Delta R.T. 0.05 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion: 88 Resp: 134644

Ion	Ratio	Lower	Upper
88	100		
58	156.4	115.4	173.2
43	381.4	272.6	409.0
57	1921.2	1356.1	2034.1



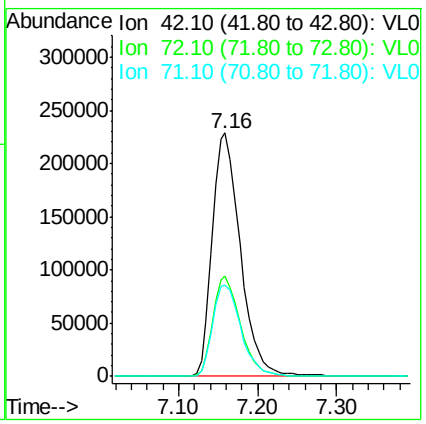


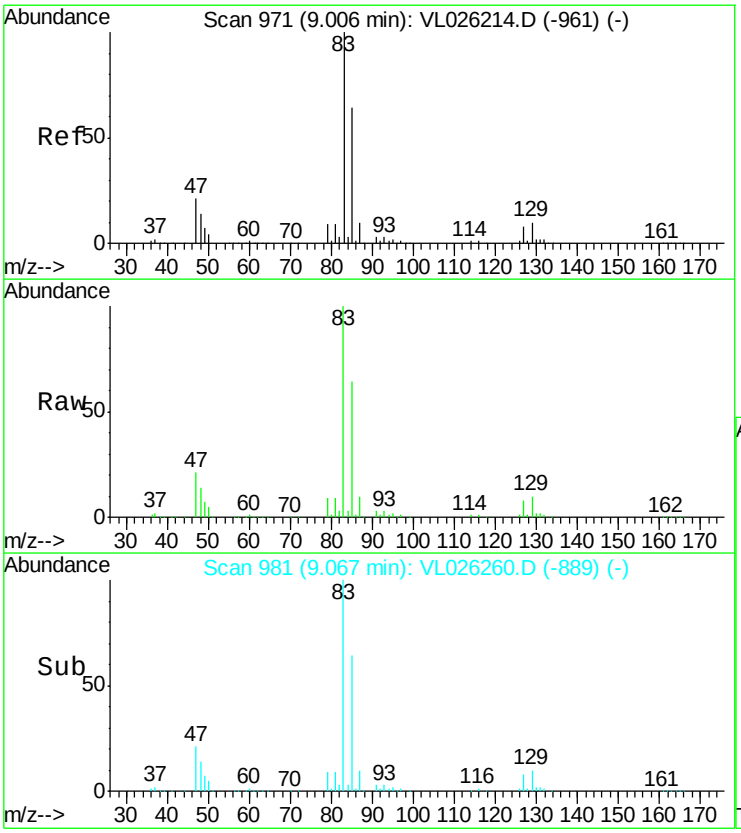
#41
Tetrahydrofuran
Concen: 10.45 ppbv
RT: 7.16 min Scan# 668
Delta R.T. 0.05 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 42 Resp: 569721

Ion	Ratio	Lower	Upper
42	100		
72	40.3	34.3	51.5
71	38.0	32.1	48.1

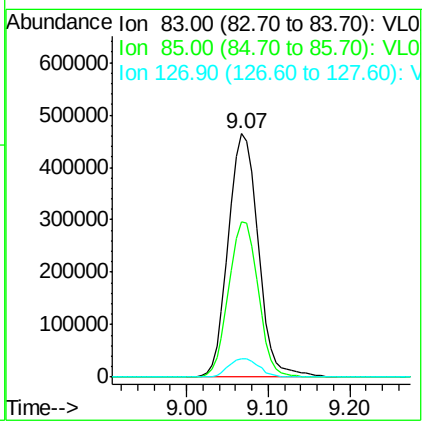


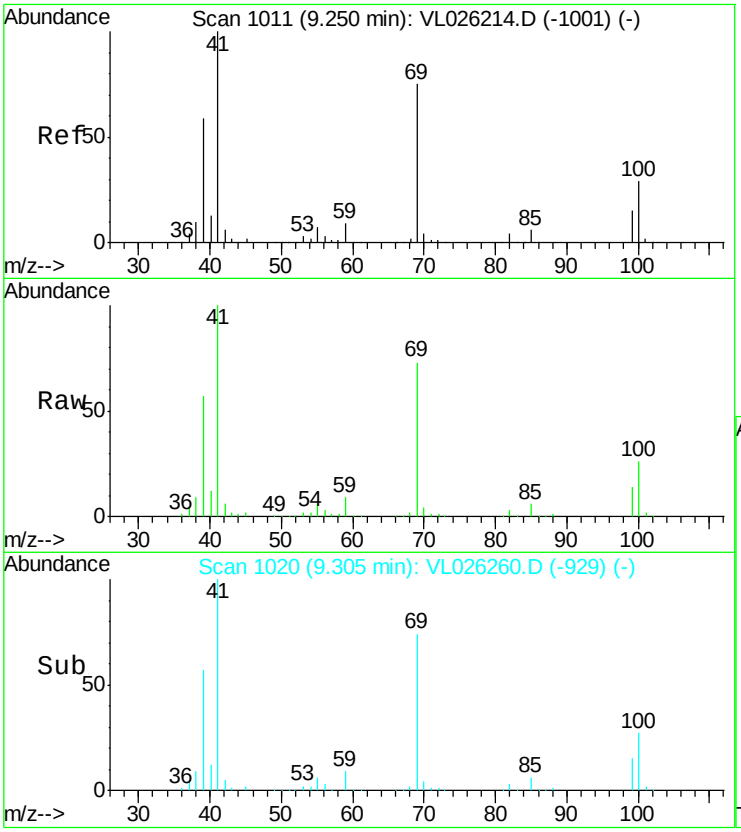


#42
Bromodichloromethane
Concen: 9.44 ppbv
RT: 9.07 min Scan# 981
Delta R.T. 0.06 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion: 83 Resp: 1184517

Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.9	76.3
127	7.8	6.2	9.4



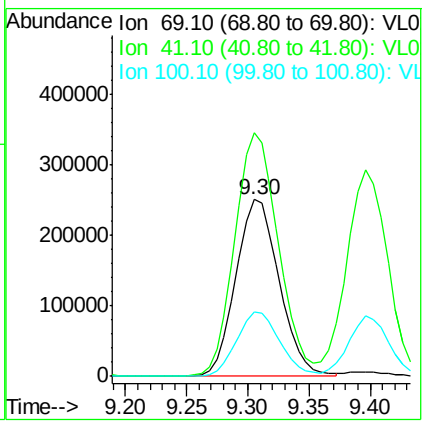


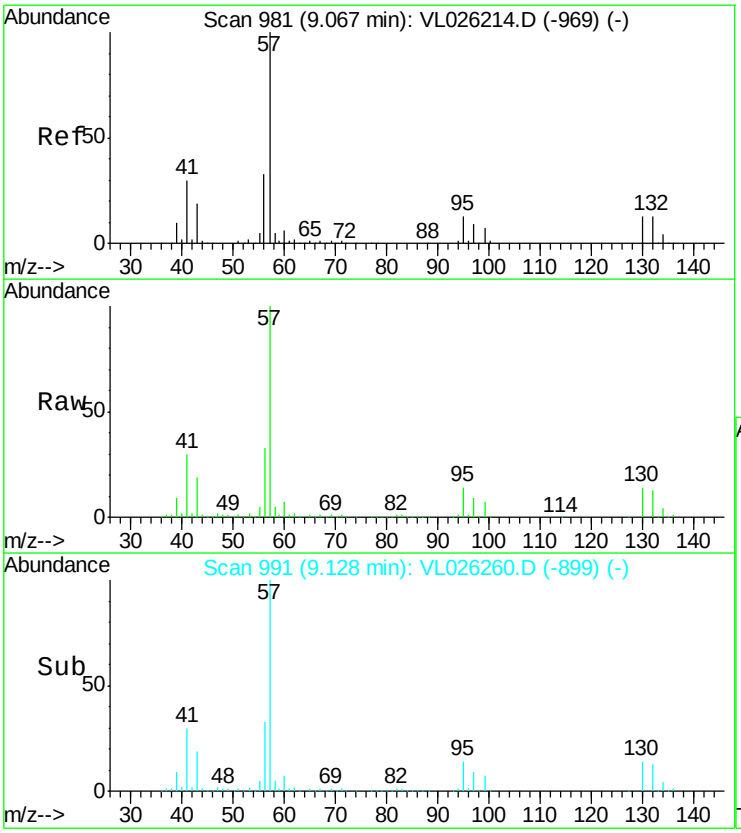
#43
Methyl Methacrylate
Concen: 10.07 ppbv
RT: 9.30 min Scan# 1020
Delta R.T. 0.05 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 69 Resp: 621814

Ion	Ratio	Lower	Upper
69	100		
41	136.5	108.4	162.6
100	35.5	30.6	45.8

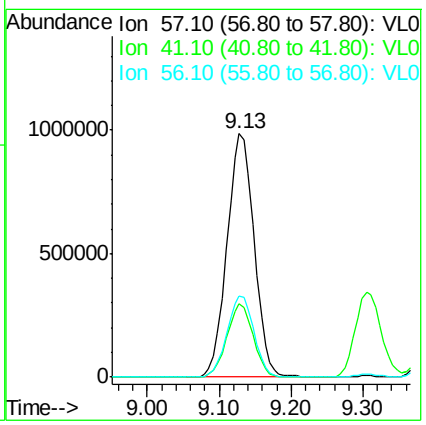


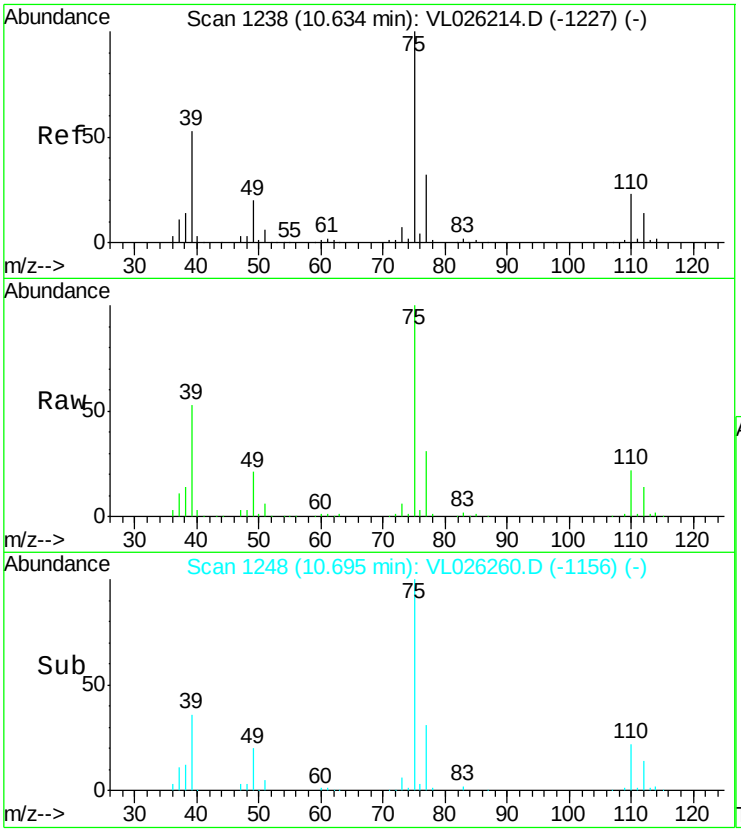


#44
2,2,4-Trimethylpentane
Concen: 9.42 ppbv
RT: 9.13 min Scan# 991
Delta R.T. 0.06 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion: 57 Resp: 2586891

Ion	Ratio	Lower	Upper
57	100		
41	28.9	23.7	35.5
56	32.9	25.9	38.9



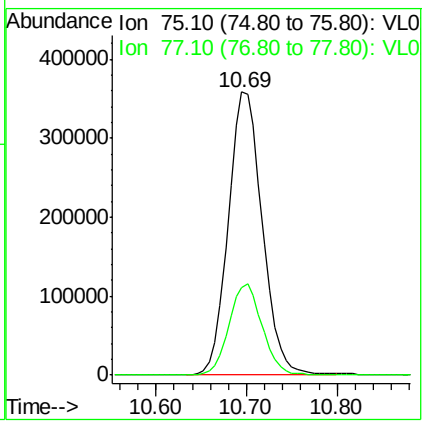


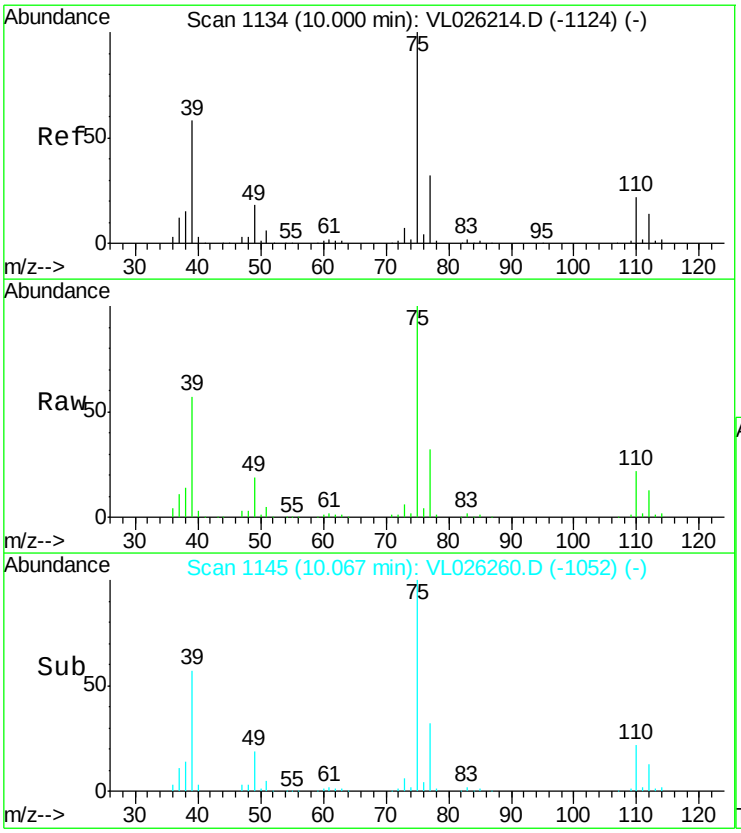
#45
t-1,3-Dichloropropene
Concen: 9.75 ppbv
RT: 10.69 min Scan# 1248
Delta R.T. 0.06 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 75 Resp: 939335

Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.2	37.8

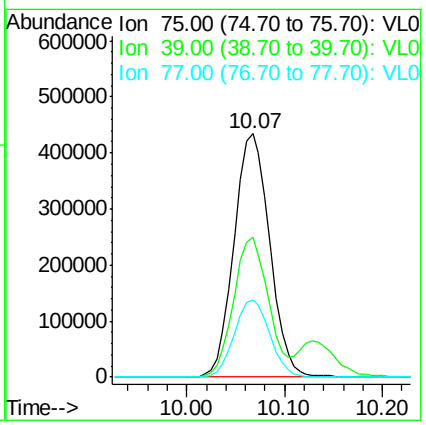


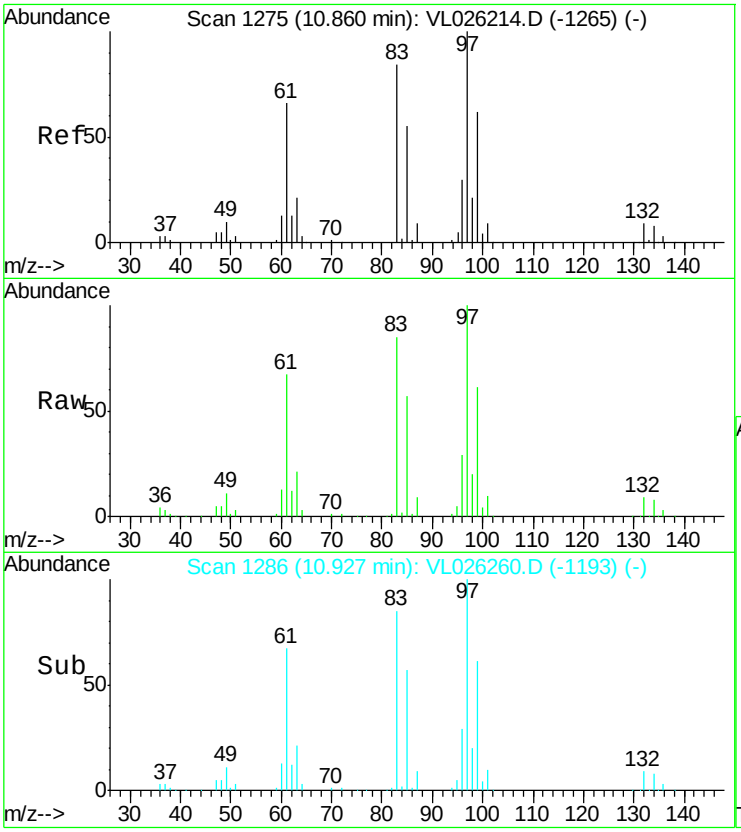


#46
cis-1,3-Dichloropropene
Concen: 9.75 ppbv
RT: 10.07 min Scan# 1145
Delta R.T. 0.07 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion: 75 Resp: 1099532

Ion	Ratio	Lower	Upper
75	100		
39	57.3	46.2	69.4
77	31.6	25.4	38.0



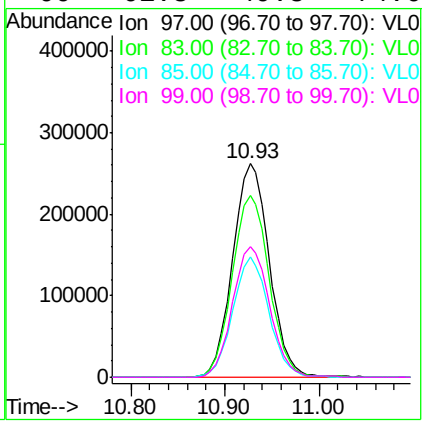


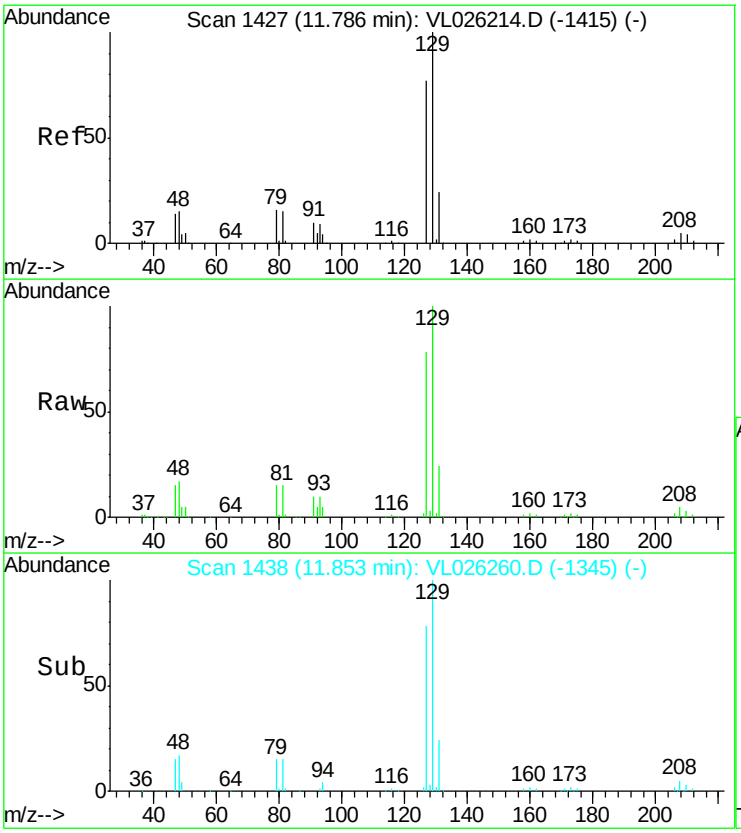
#47
1,1,2-Trichloroethane
Concen: 9.50 ppbv
RT: 10.93 min Scan# 1286
Delta R.T. 0.07 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 97 Resp: 712299

Ion	Ratio	Lower	Upper
97	100		
83	84.9	67.4	101.2
85	56.5	43.8	65.6
99	61.3	49.8	74.6

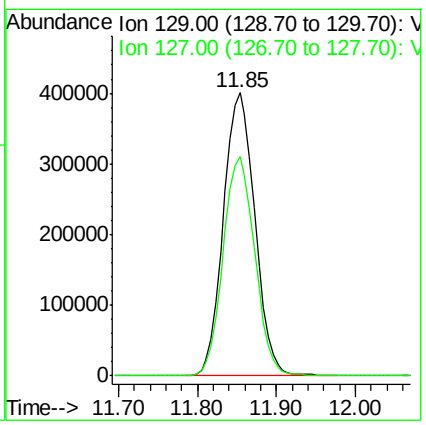


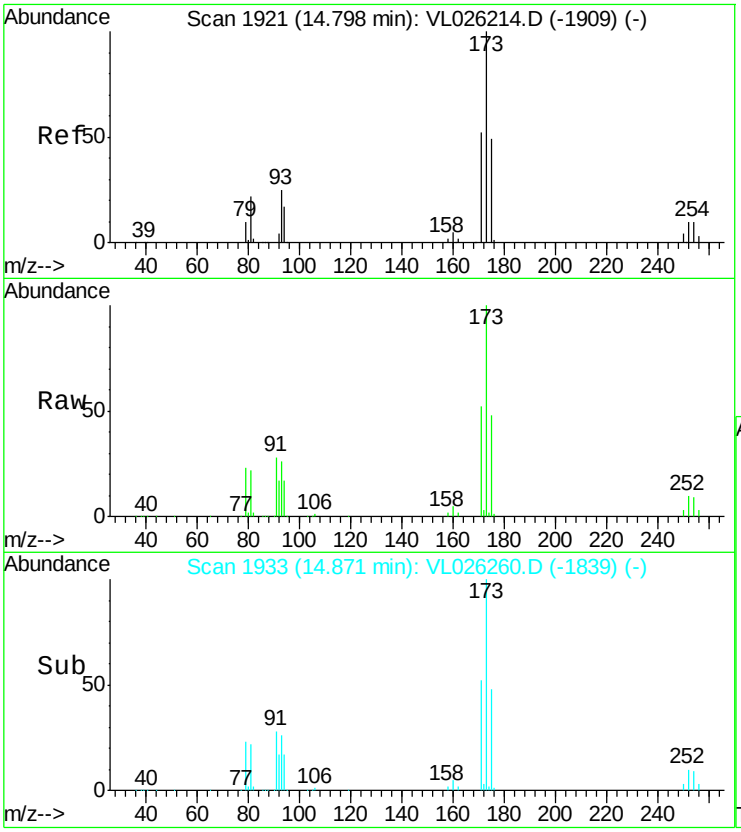


#48
Dibromochloromethane
Concen: 9.13 ppbv
RT: 11.85 min Scan# 1438
Delta R.T. 0.07 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion:129 Resp: 1115518

Ion	Ratio	Lower	Upper
129	100		
127	78.1	39.1	117.5



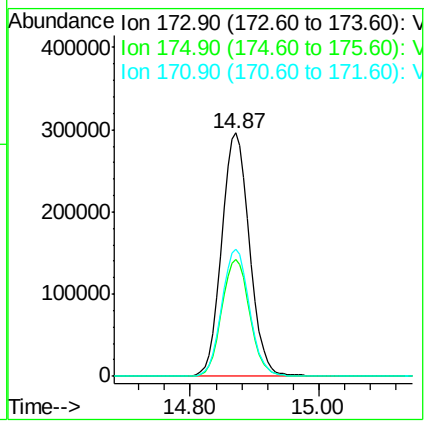


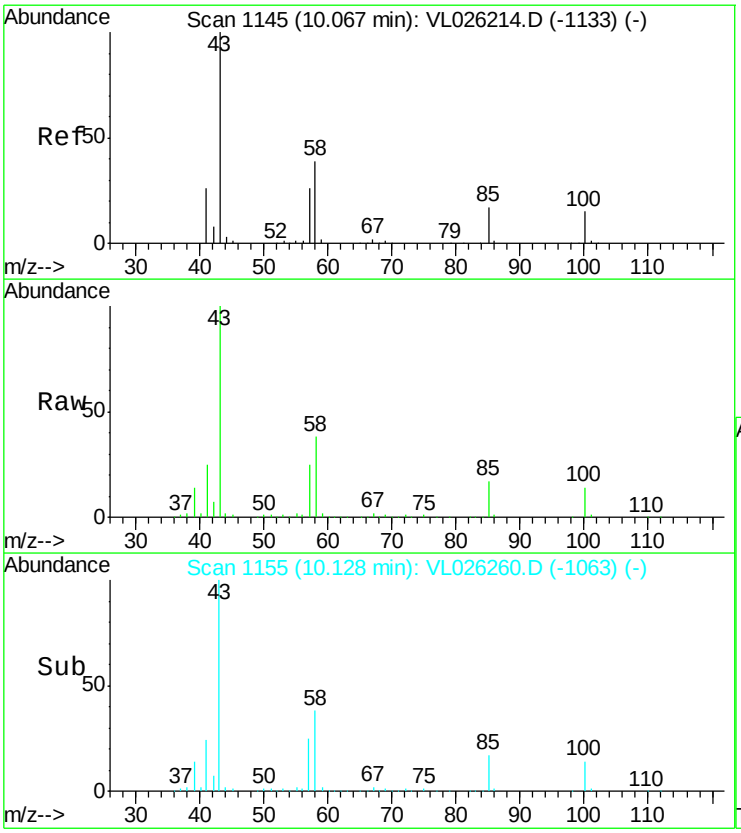
#49
Bromoform
Concen: 8.76 ppbv
RT: 14.87 min Scan# 1933
Delta R.T. 0.07 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:173 Resp: 903462

Ion	Ratio	Lower	Upper
173	100		
175	48.5	38.7	58.1
171	52.2	41.6	62.4

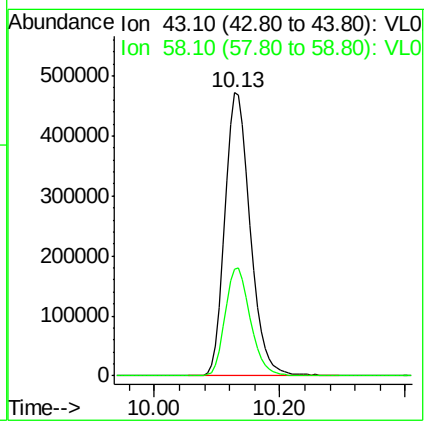


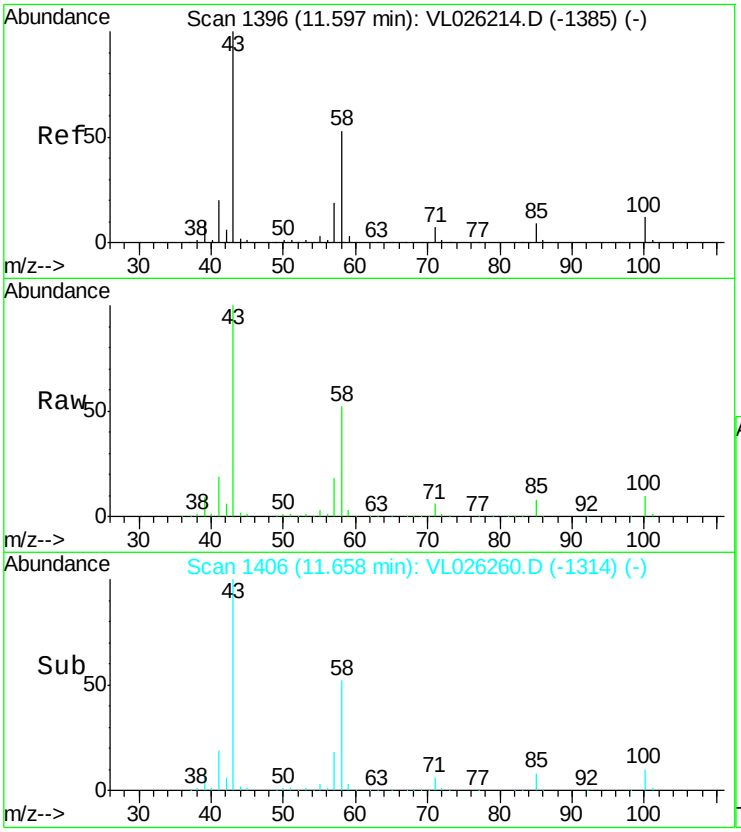


#50
4-Methyl-2-Pentanone
Concen: 10.41 ppbv
RT: 10.13 min Scan# 1155
Delta R.T. 0.06 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion: 43 Resp: 1323574

Ion	Ratio	Lower	Upper
43	100		
58	38.1	31.1	46.7



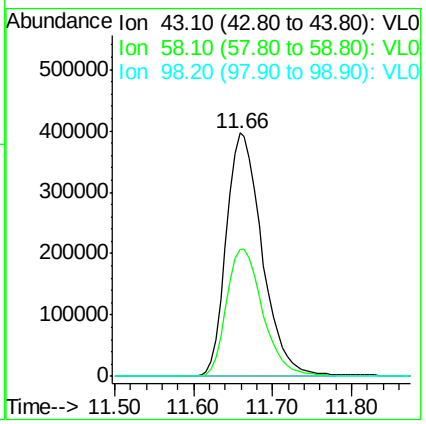


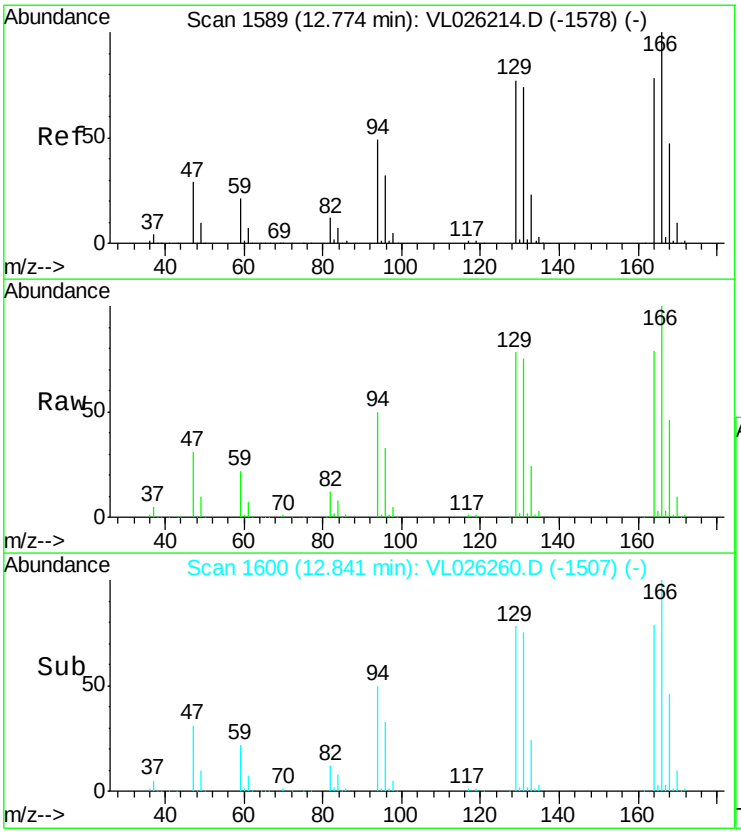
#51
2-Hexanone
Concen: 10.57 ppbv
RT: 11.66 min Scan# 1406
Delta R.T. 0.06 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 43 Resp: 1255105

Ion	Ratio	Lower	Upper
43	100		
58	53.4	43.2	64.8
98	0.0	0.0	0.0#

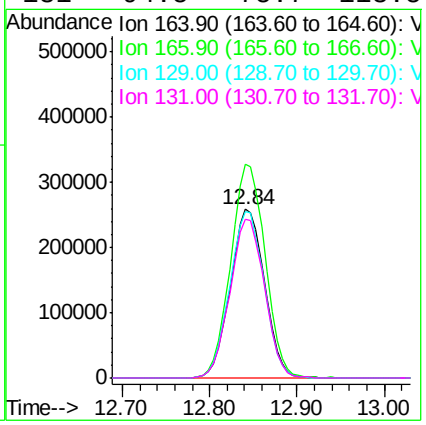


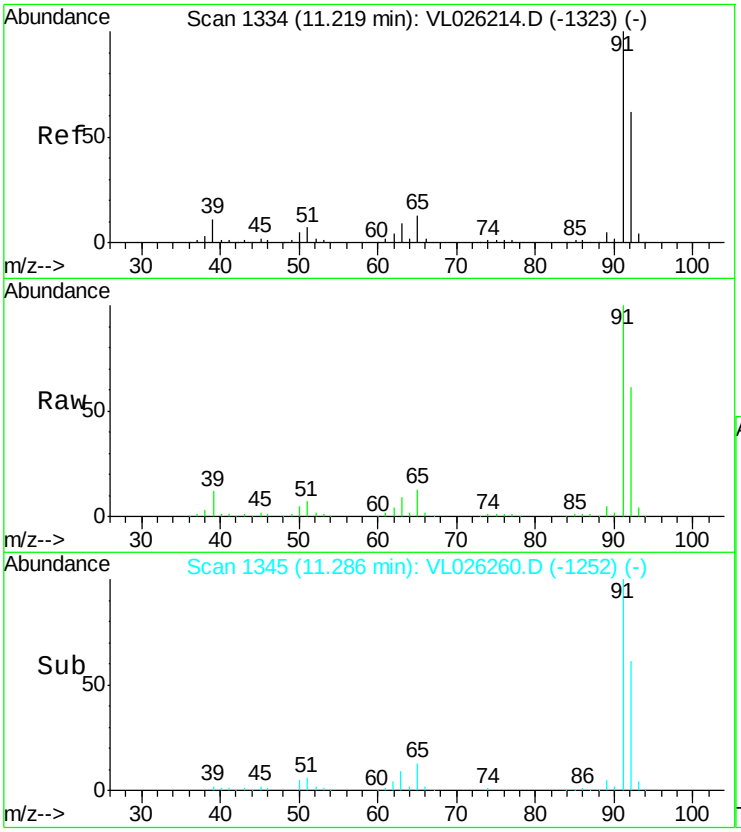


#52
Tetrachloroethene
Concen: 7.24 ppbv
RT: 12.84 min Scan# 1600
Delta R.T. 0.07 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion:164 Resp: 703996

Ion	Ratio	Lower	Upper
164	100		
166	126.7	102.3	153.5
129	98.5	78.2	117.4
131	94.5	75.7	113.5



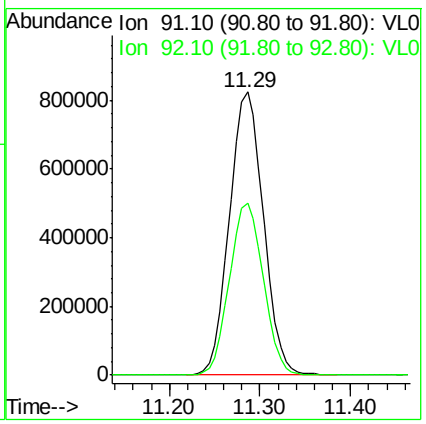


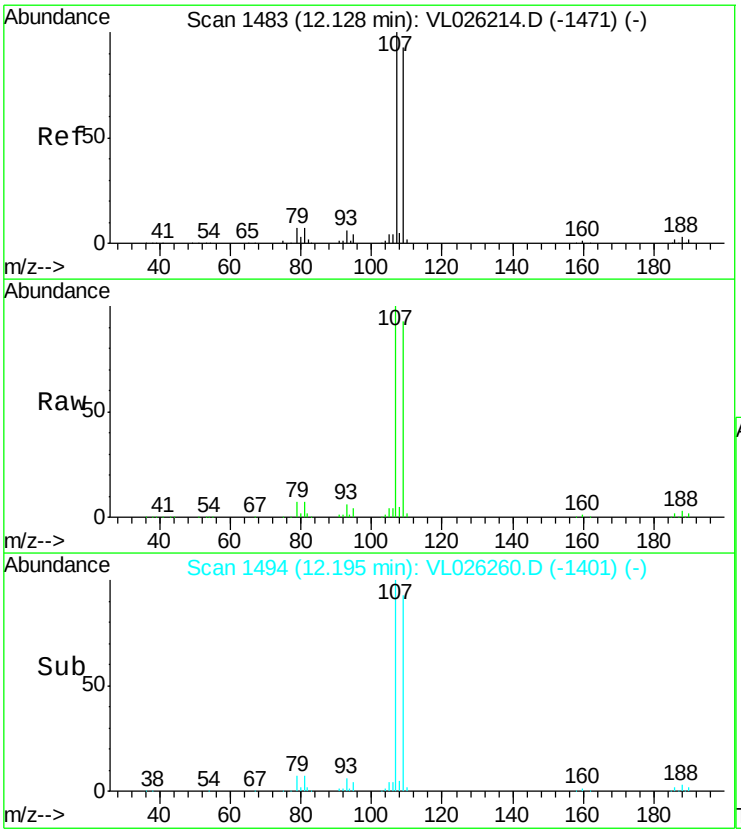
#53
Toluene
Concen: 9.31 ppbv
RT: 11.29 min Scan# 1345
Delta R.T. 0.07 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 91 Resp: 2148135

Ion	Ratio	Lower	Upper
91	100		
92	60.8	49.2	73.8

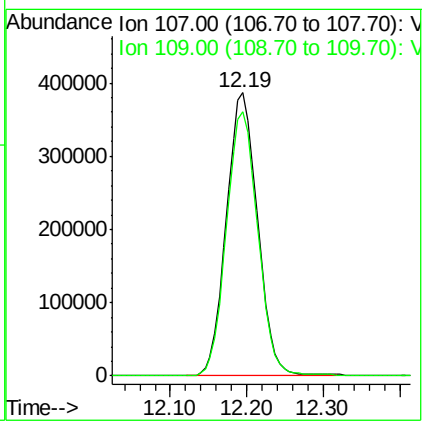


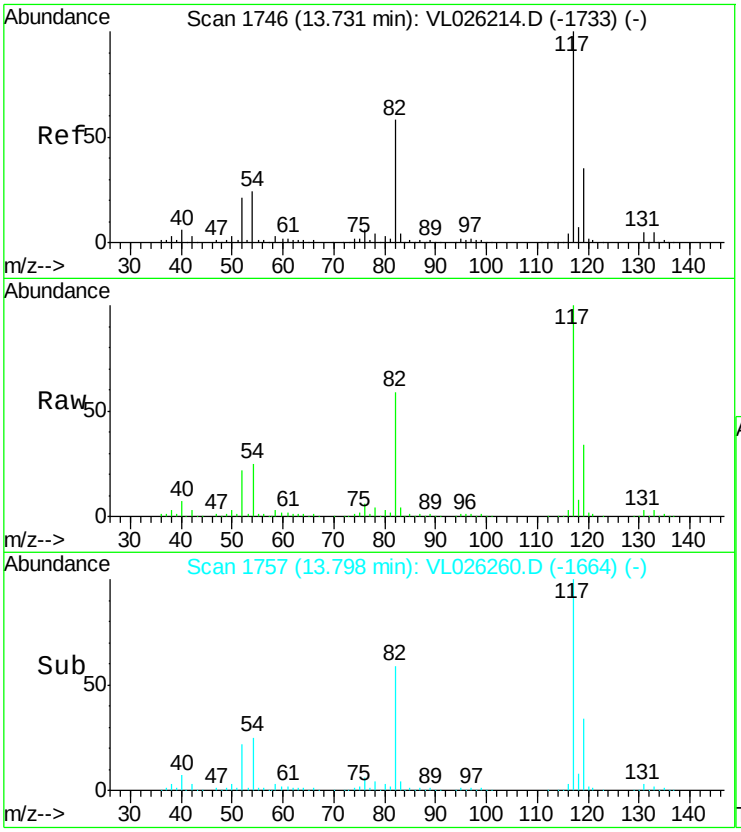


#54
1,2-Dibromoethane
Concen: 9.42 ppbv
RT: 12.19 min Scan# 1494
Delta R.T. 0.07 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion:107 Resp: 1092677

Ion	Ratio	Lower	Upper
107	100		
109	93.3	74.7	112.1



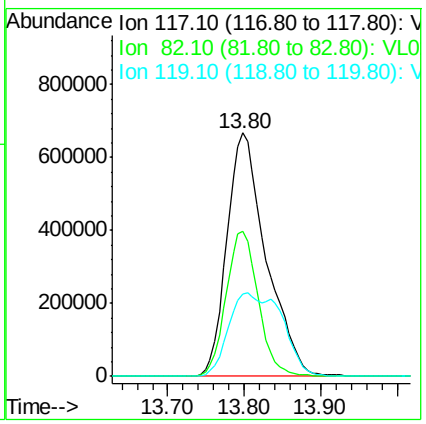


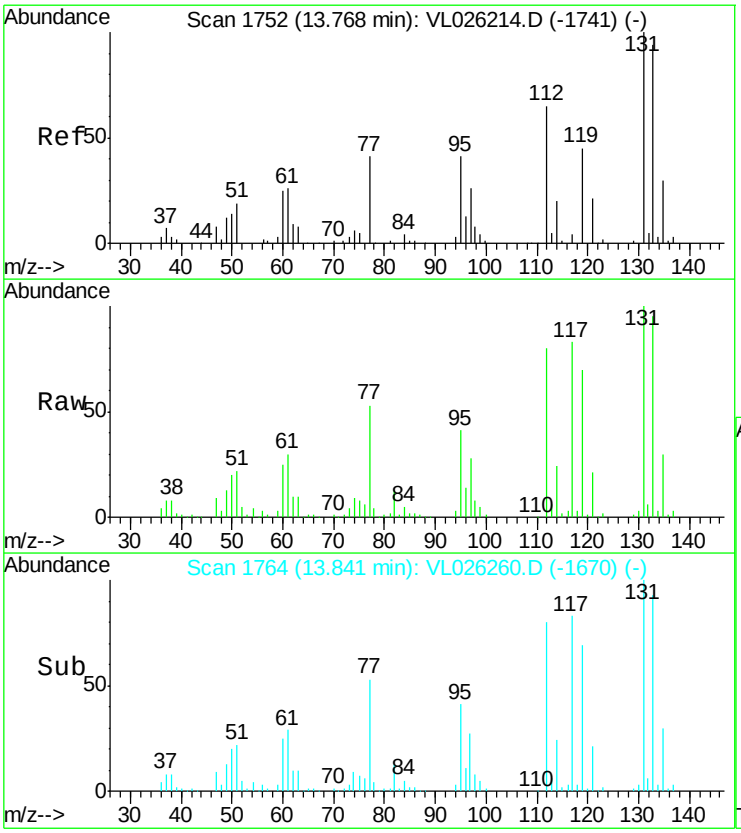
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.80 min Scan# 1757
Delta R.T. 0.07 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:117 Resp: 2374401

Ion	Ratio	Lower	Upper
117	100		
82	49.1	45.8	68.8
119	47.1	45.0	67.4

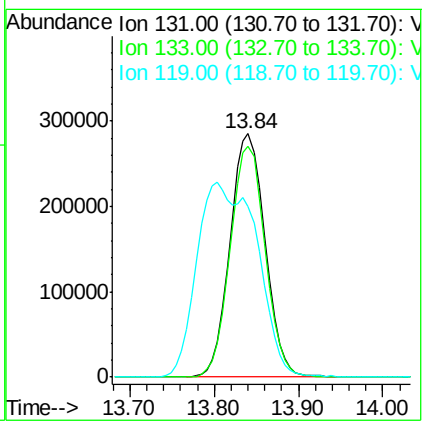


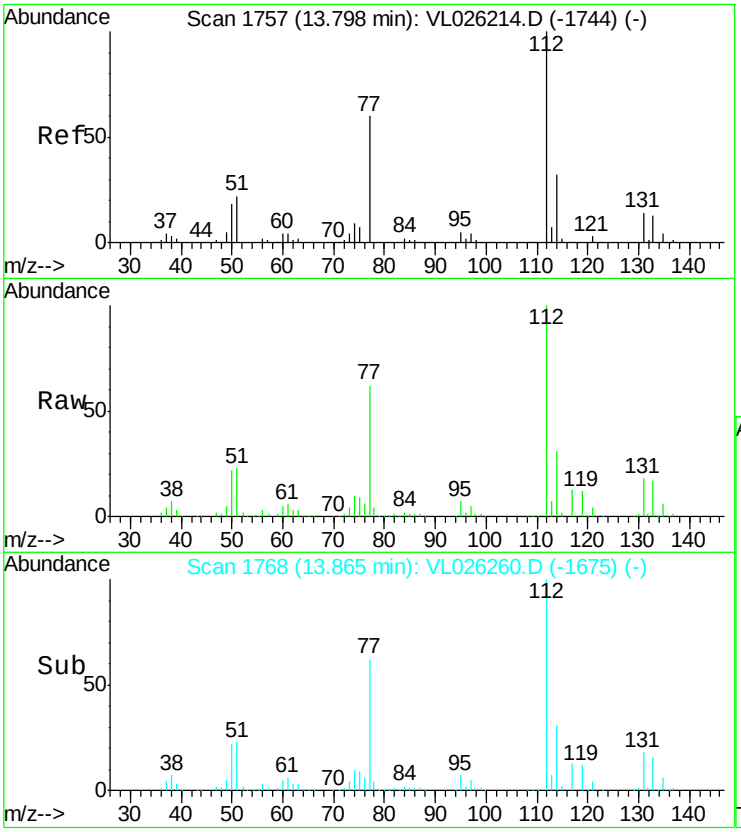


#56
1,1,1,2-Tetrachloroethane
Concen: 7.06 ppbv
RT: 13.84 min Scan# 1764
Delta R.T. 0.07 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion:131 Resp: 804132

Ion	Ratio	Lower	Upper
131	100		
133	95.1	75.9	113.9
119	139.1	108.0	162.0



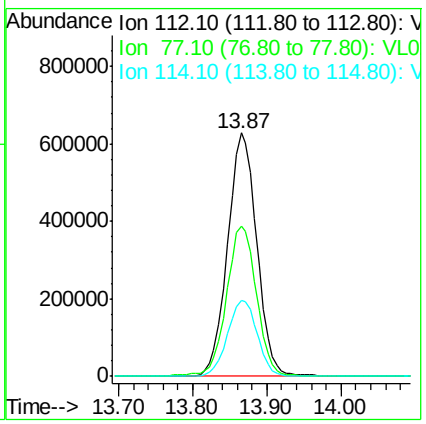


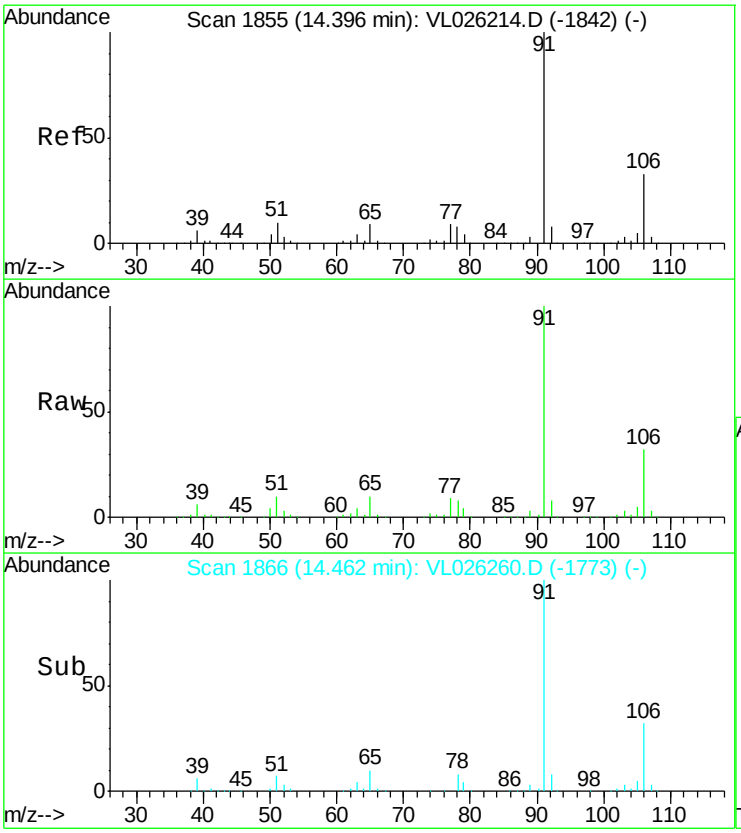
#57
Chlorobenzene
Concen: 7.61 ppbv
RT: 13.87 min Scan# 1768
Delta R.T. 0.07 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:112 Resp: 1728831

Ion	Ratio	Lower	Upper
112	100		
77	61.7	48.4	72.6
114	30.9	29.0	35.4

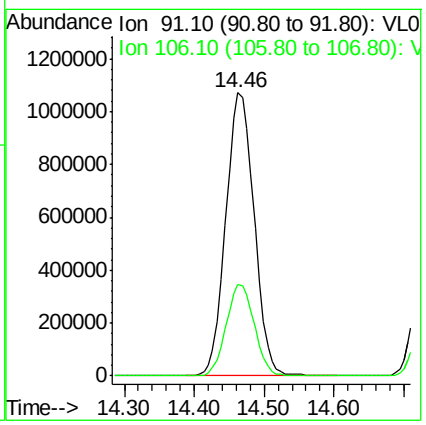


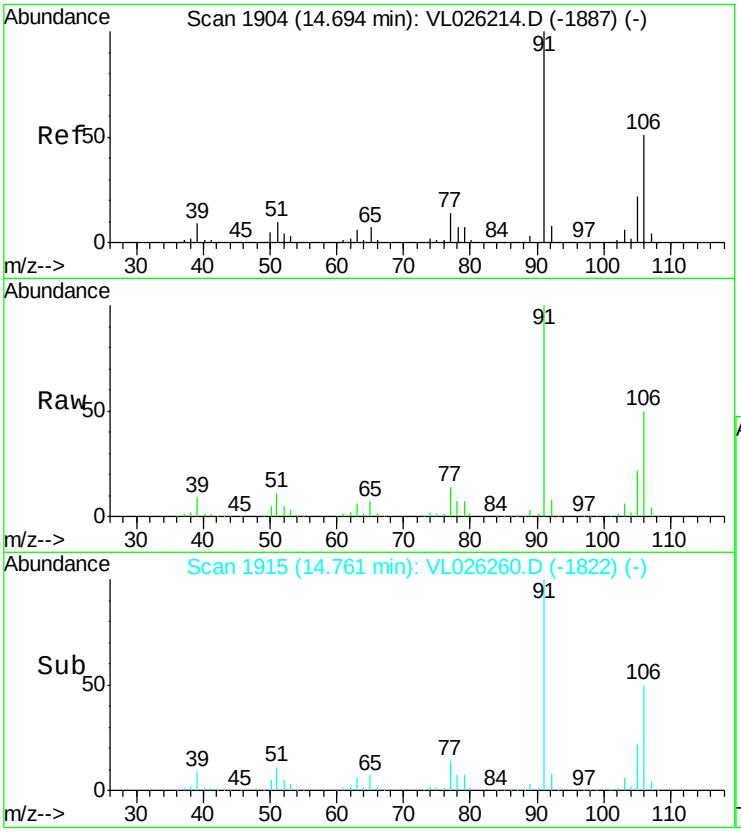


#58
Ethyl Benzene
Concen: 7.86 ppbv
RT: 14.46 min Scan# 1866
Delta R.T. 0.07 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion: 91 Resp: 3022581

Ion	Ratio	Lower	Upper
91	100		
106	32.1	26.1	39.1



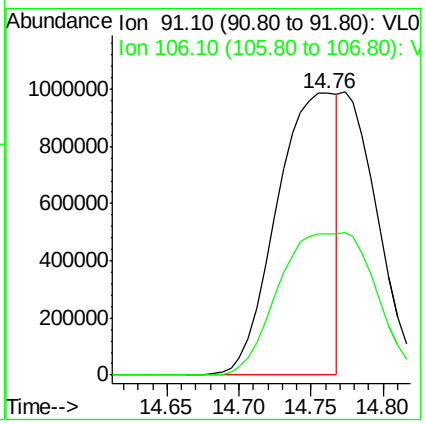


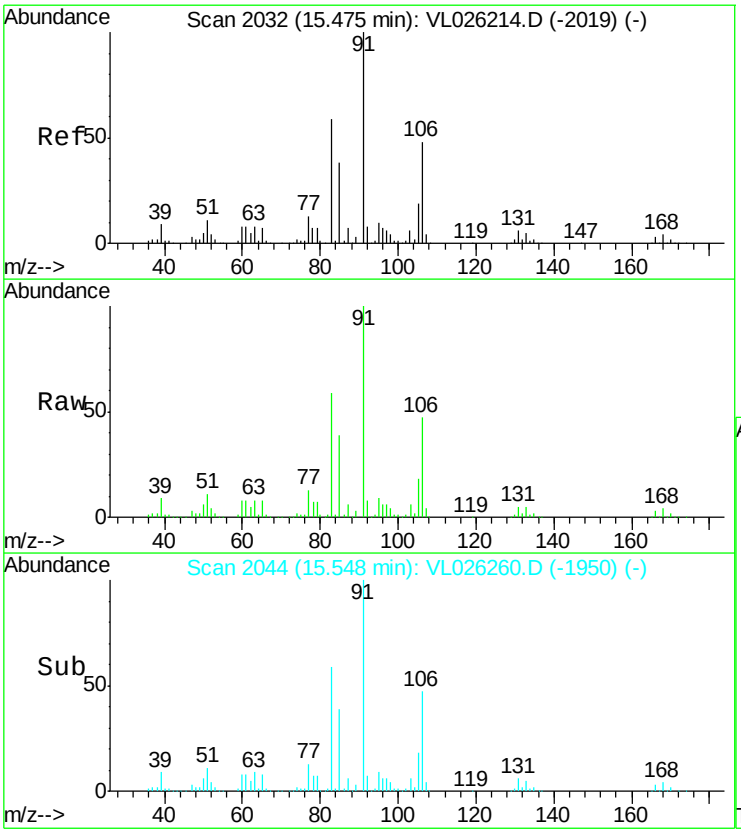
#59
m/p-Xylene
Concen: 9.47 ppbv
RT: 14.76 min Scan# 1915
Delta R.T. 0.07 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 91 Resp: 2853176

Ion	Ratio	Lower	Upper
91	100		
106	0.0	40.6	61.0#

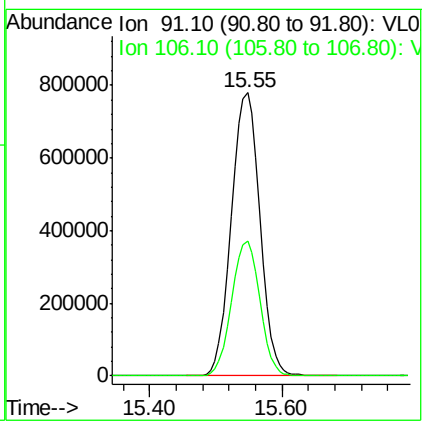


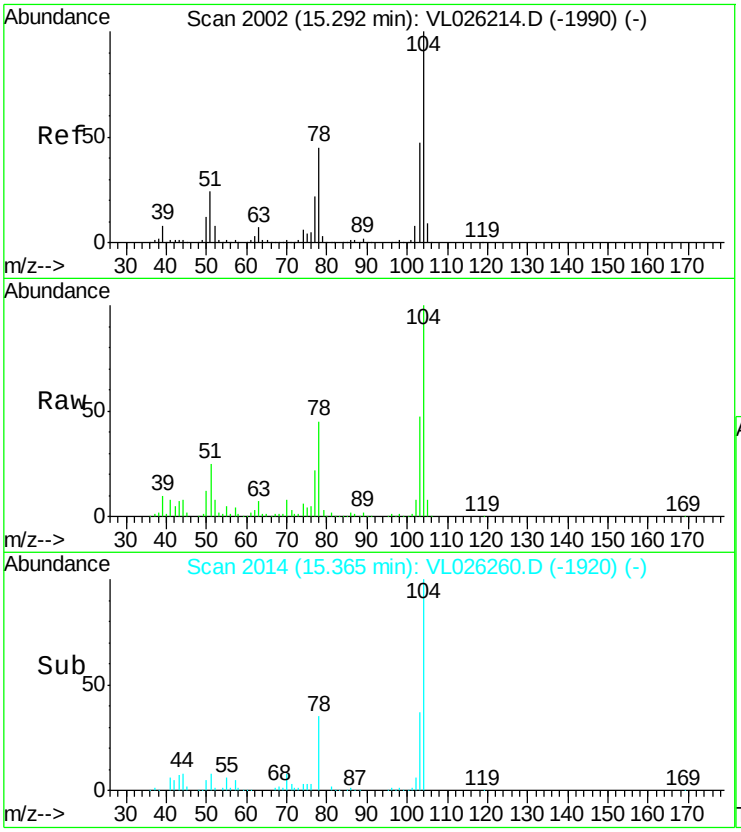


#60
o-Xylene
Concen: 7.45 ppbv
RT: 15.55 min Scan# 2044
Delta R.T. 0.07 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion: 91 Resp: 2346767

Ion	Ratio	Lower	Upper
91	100		
106	47.2	23.8	71.5



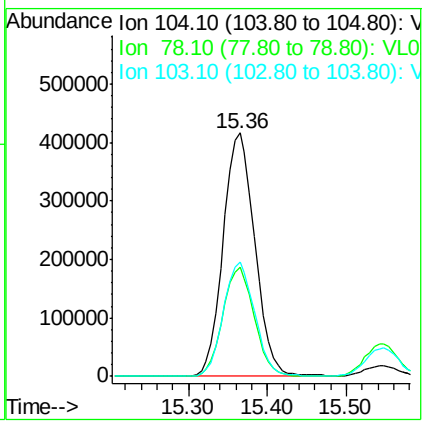


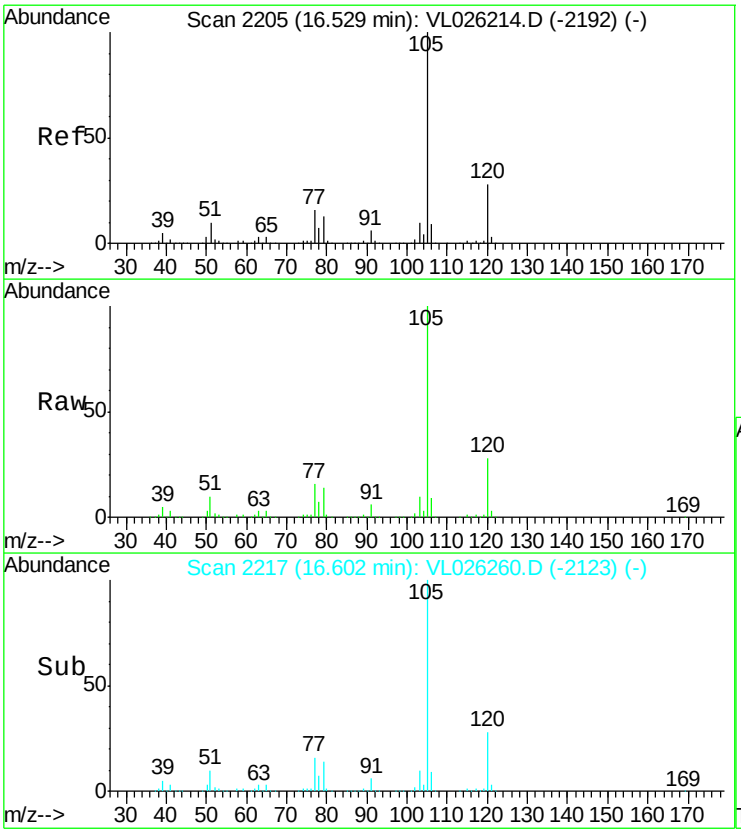
#61
Stvrene
Concen: 8.19 ppbv
RT: 15.36 min Scan# 2014
Delta R.T. 0.07 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:104 Resp: 1166848

Ion	Ratio	Lower	Upper
104	100		
78	44.4	35.3	52.9
103	46.3	37.0	55.4

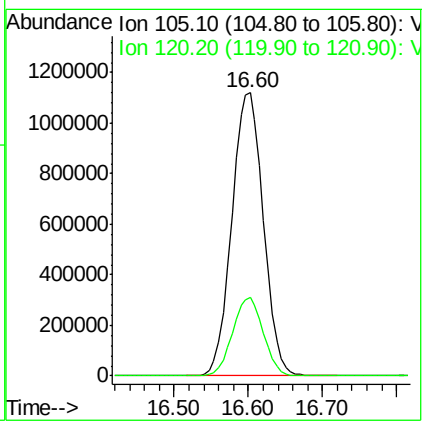


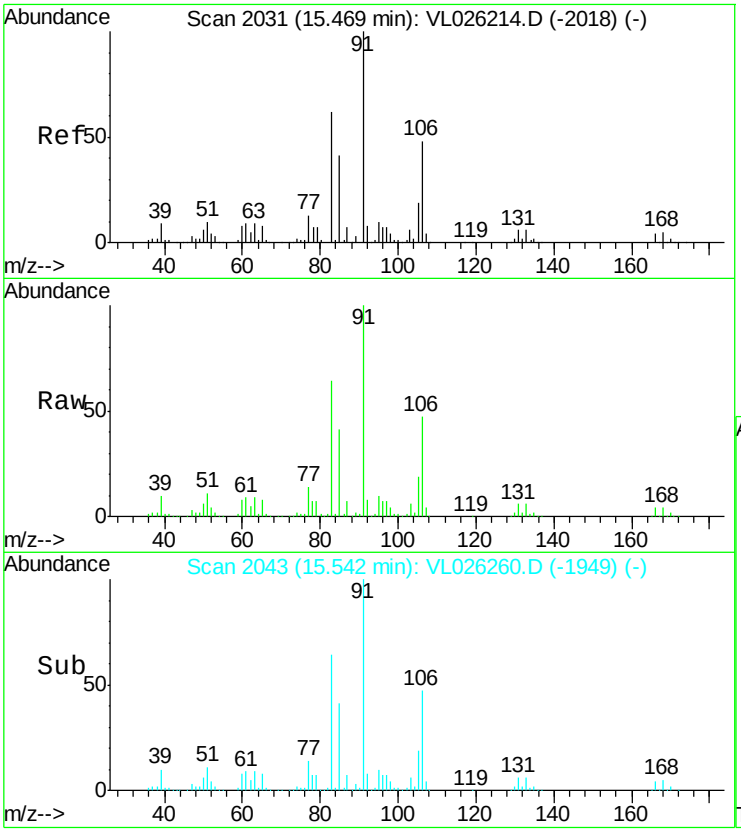


#62
Isopropylbenzene
Concen: 7.56 ppbv
RT: 16.60 min Scan# 2217
Delta R.T. 0.07 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion:105 Resp: 3313538

Ion	Ratio	Lower	Upper
105	100		
120	27.1	21.8	32.8



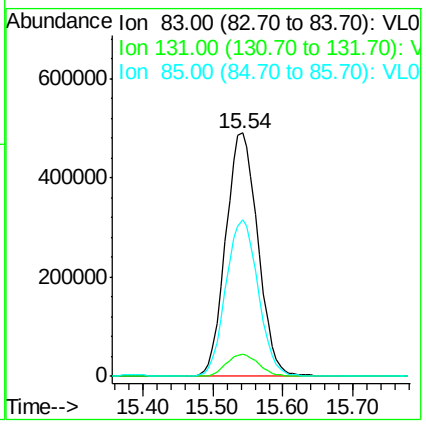


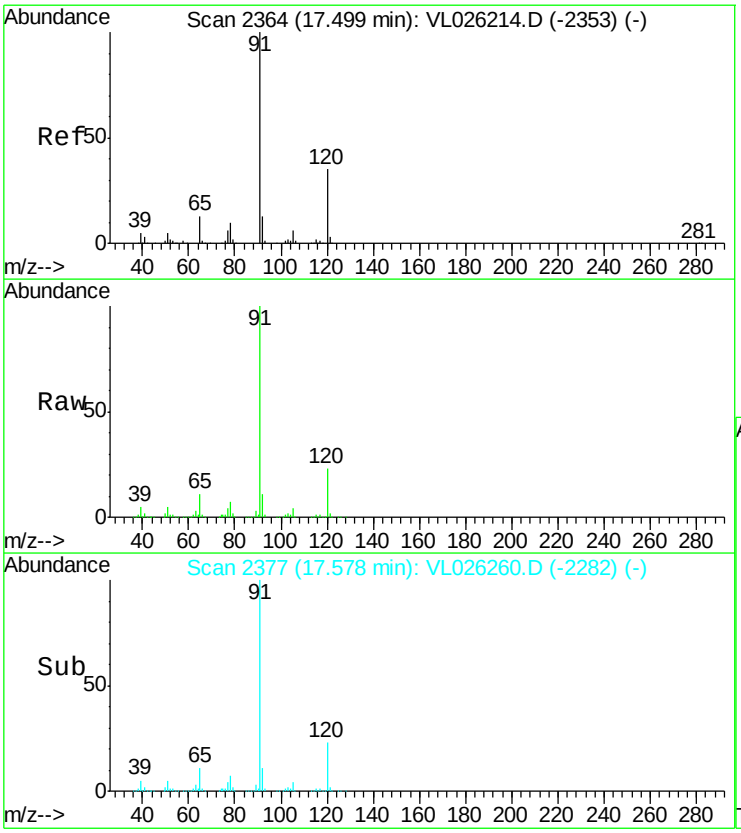
#63
1,1,2,2-Tetrachloroethane
Concen: 7.54 ppbv
RT: 15.54 min Scan# 2043
Delta R.T. 0.07 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 83 Resp: 1570280

Ion	Ratio	Lower	Upper
83	100		
131	9.2	5.0	14.9
85	64.8	32.3	96.9

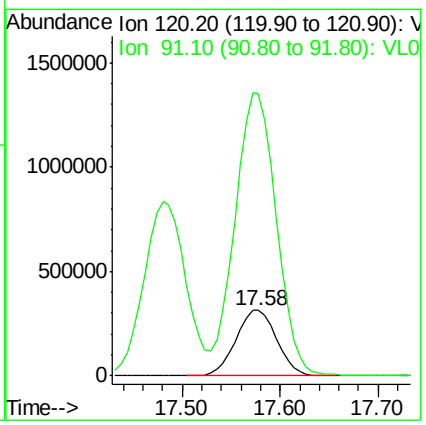


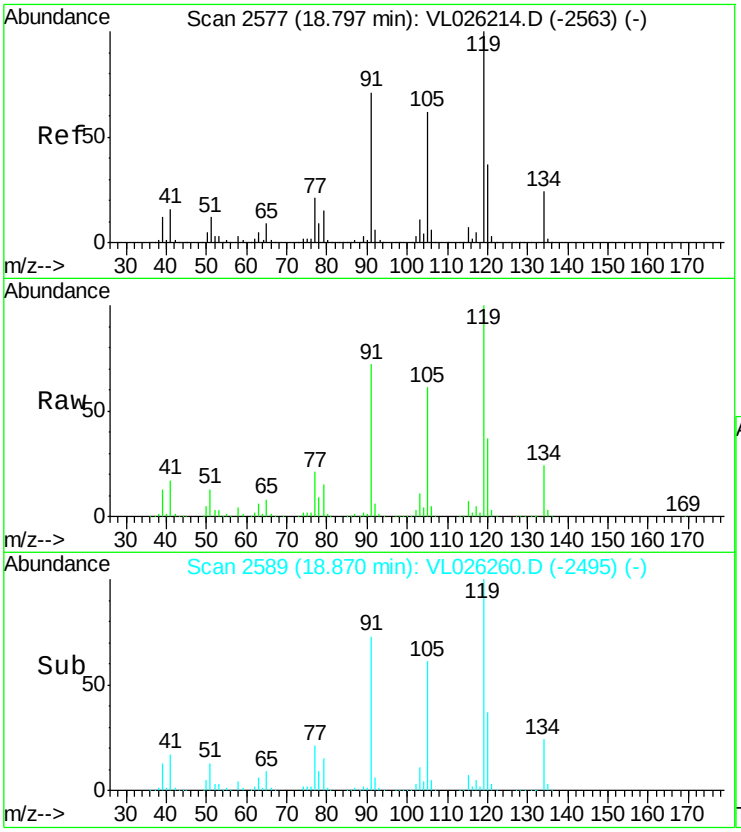


#64
n-propylbenzene
Concen: 7.62 ppbv
RT: 17.58 min Scan# 2377
Delta R.T. 0.08 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion:120 Resp: 917444

Ion	Ratio	Lower	Upper
120	100		
91	437.7	331.7	497.5



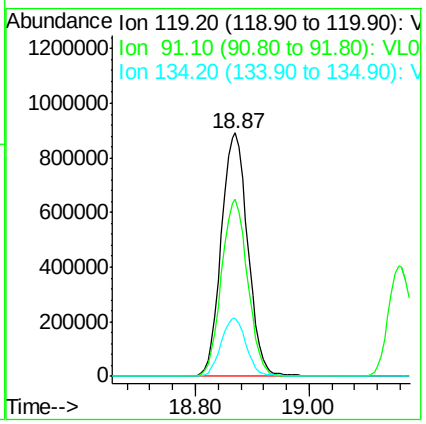


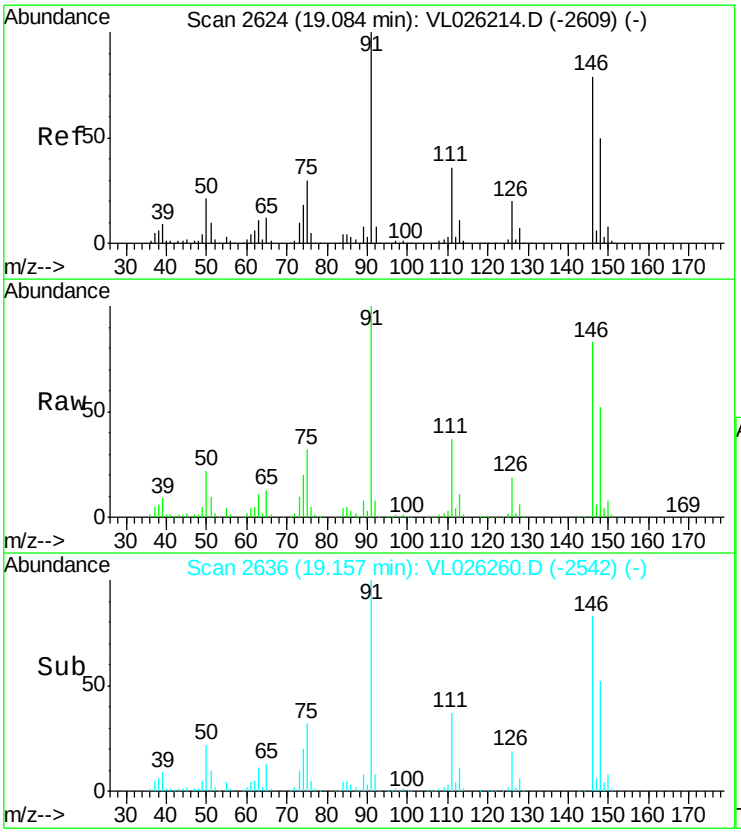
#65
tert-Butylbenzene
Concen: 7.21 ppbv
RT: 18.87 min Scan# 2589
Delta R.T. 0.07 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:119 Resp: 2884033

Ion	Ratio	Lower	Upper
119	100		
91	72.1	57.5	86.3
134	22.5	18.1	27.1

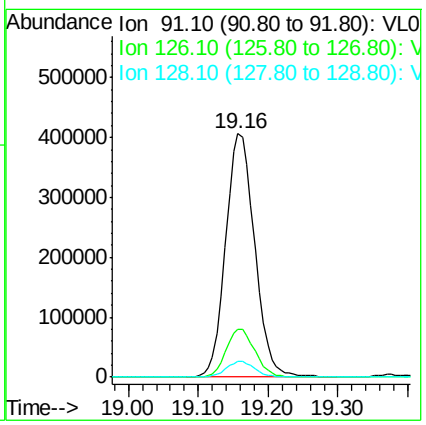


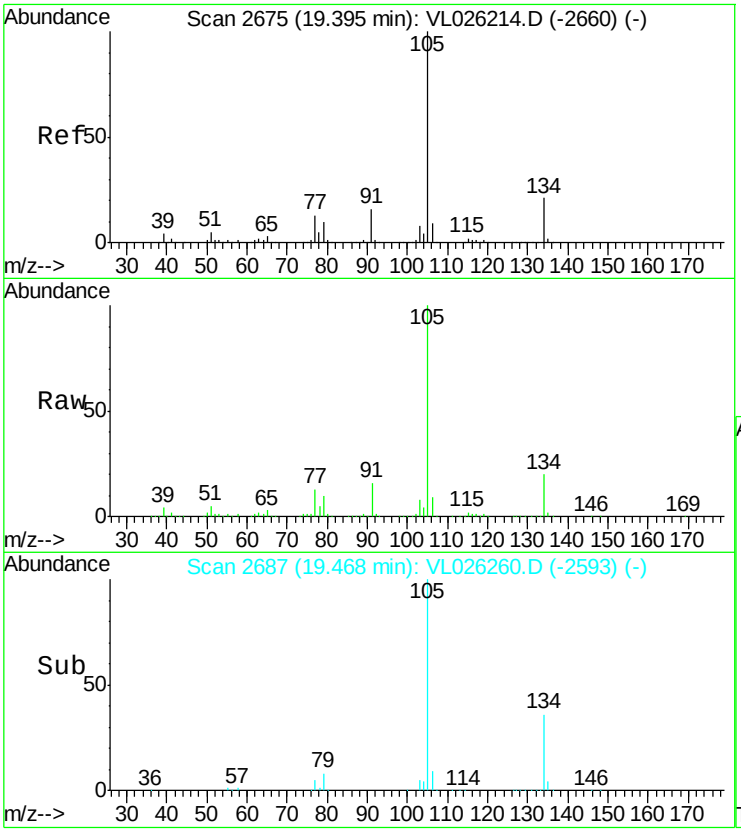


#66
Benzyl Chloride
Concen: 7.06 ppbv
RT: 19.16 min Scan# 2636
Delta R.T. 0.07 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion: 91 Resp: 1165472

Ion	Ratio	Lower	Upper
91	100		
126	19.8	16.2	24.2
128	6.3	5.1	7.7



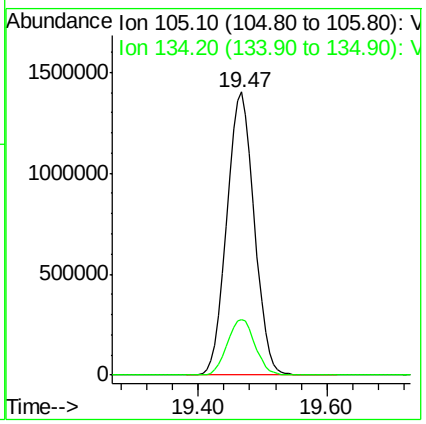


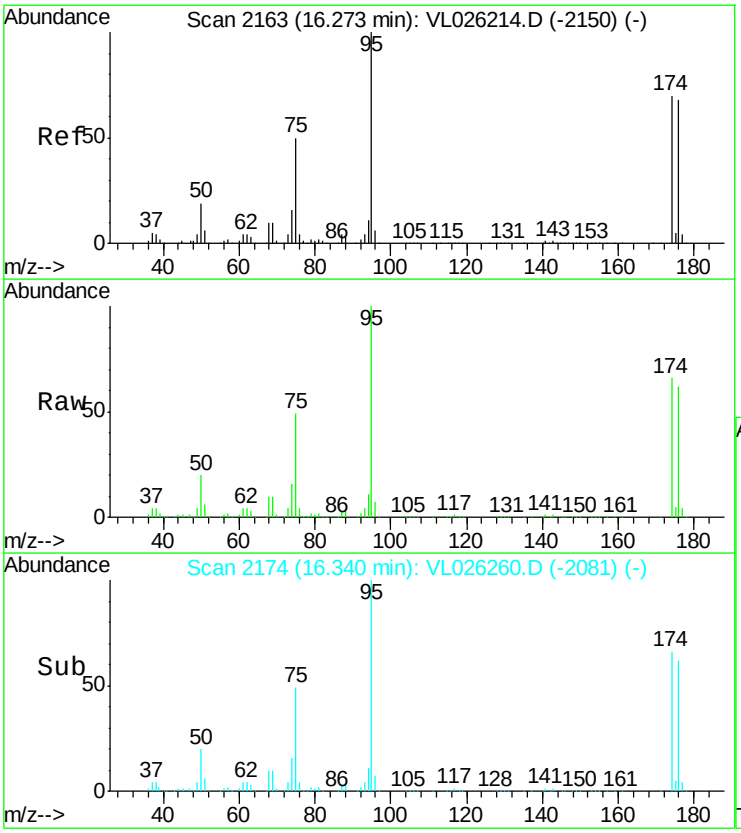
#67
sec-Butylbenzene
Concen: 7.50 ppbv
RT: 19.47 min Scan# 2687
Delta R.T. 0.07 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:105 Resp: 4181023

Ion	Ratio	Lower	Upper
105	100		
134	20.0	16.2	24.4

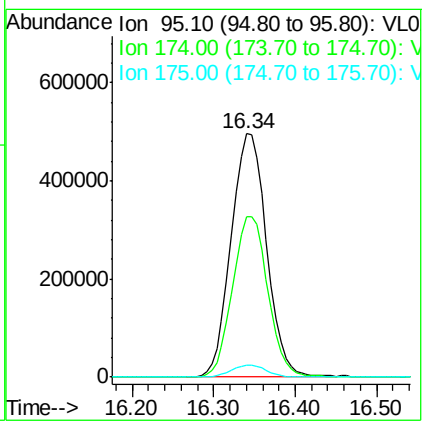


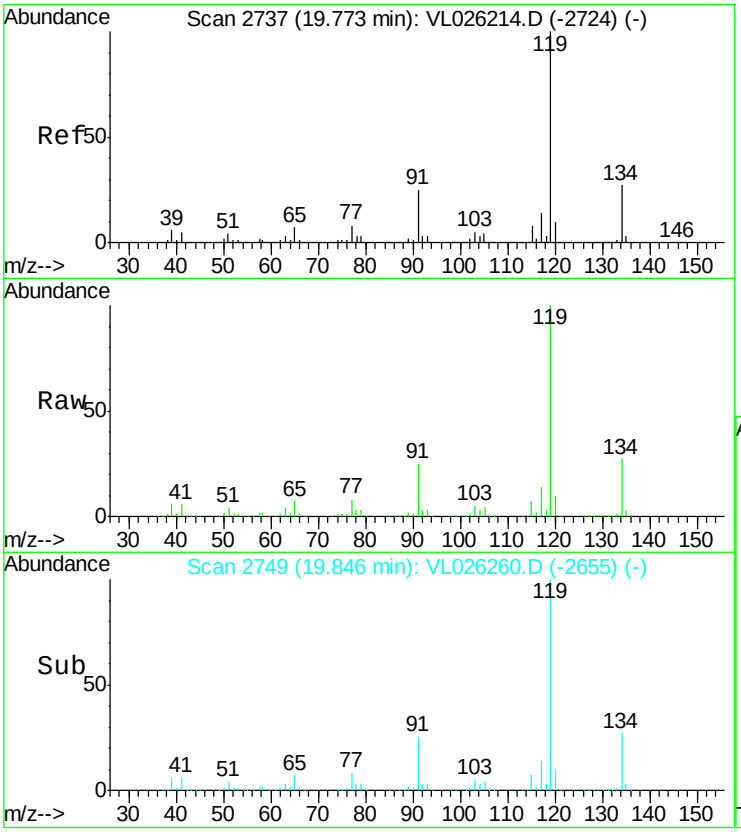


#68
1-Bromo-4-Fluorobenzene
Concen: 8.17 ppbv
RT: 16.34 min Scan# 2174
Delta R.T. 0.07 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion: 95 Resp: 1495462

Ion	Ratio	Lower	Upper
95	100		
174	66.1	55.8	83.8
175	4.8	4.3	6.5



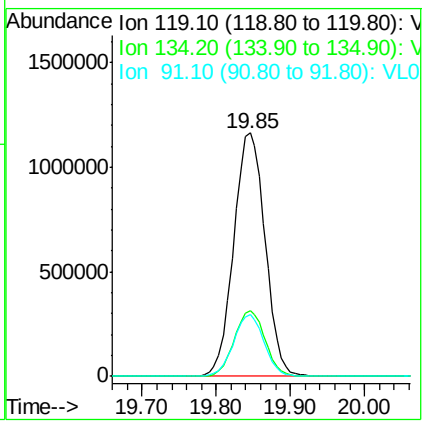


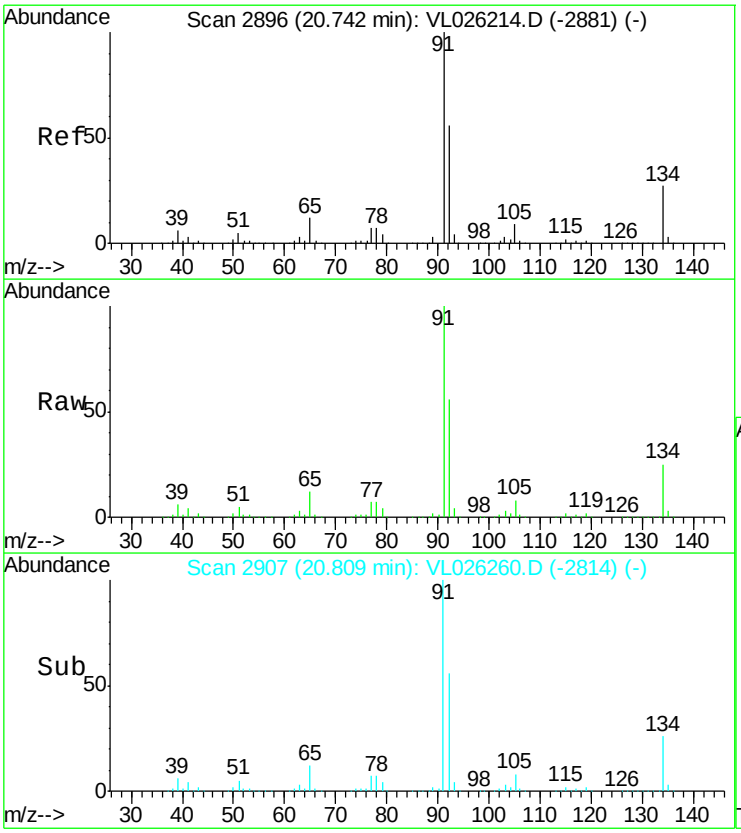
#69
p-Isopropyltoluene
Concen: 7.38 ppbv
RT: 19.85 min Scan# 2749
Delta R.T. 0.07 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:119 Resp: 3438500

Ion	Ratio	Lower	Upper
119	100		
134	26.6	21.4	32.0
91	24.5	19.5	29.3

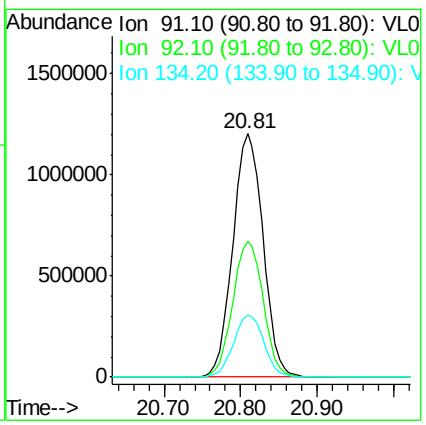


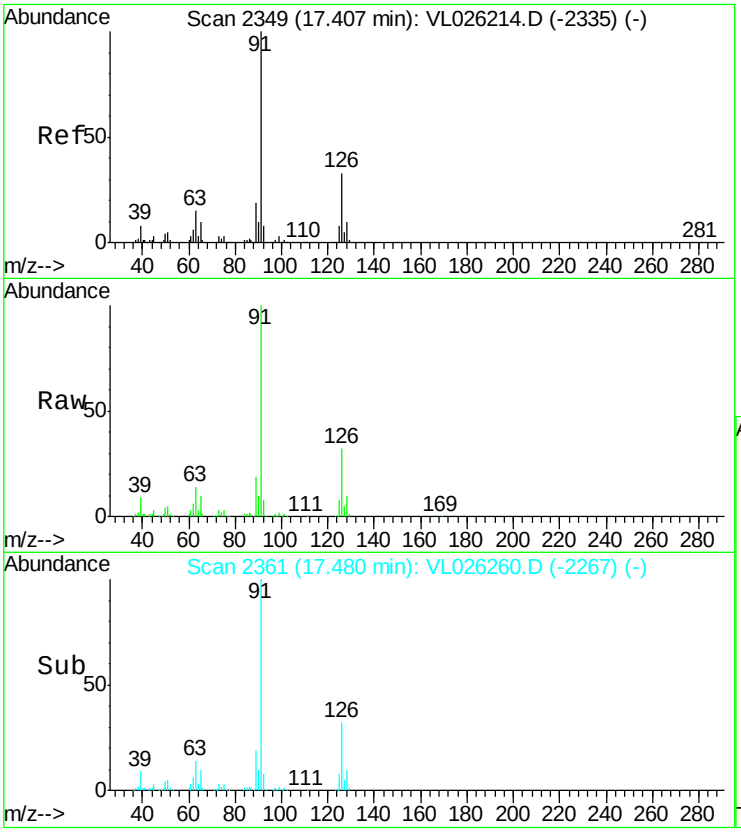


#70
n-Butylbenzene
Concen: 7.73 ppbv
RT: 20.81 min Scan# 2907
Delta R.T. 0.07 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion: 91 Resp: 3293837

Ion	Ratio	Lower	Upper
91	100		
92	56.1	45.0	67.6
134	25.6	21.4	32.0



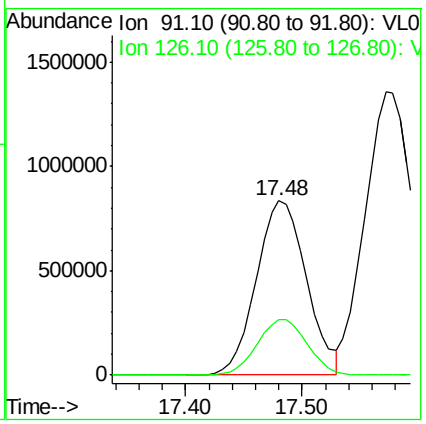


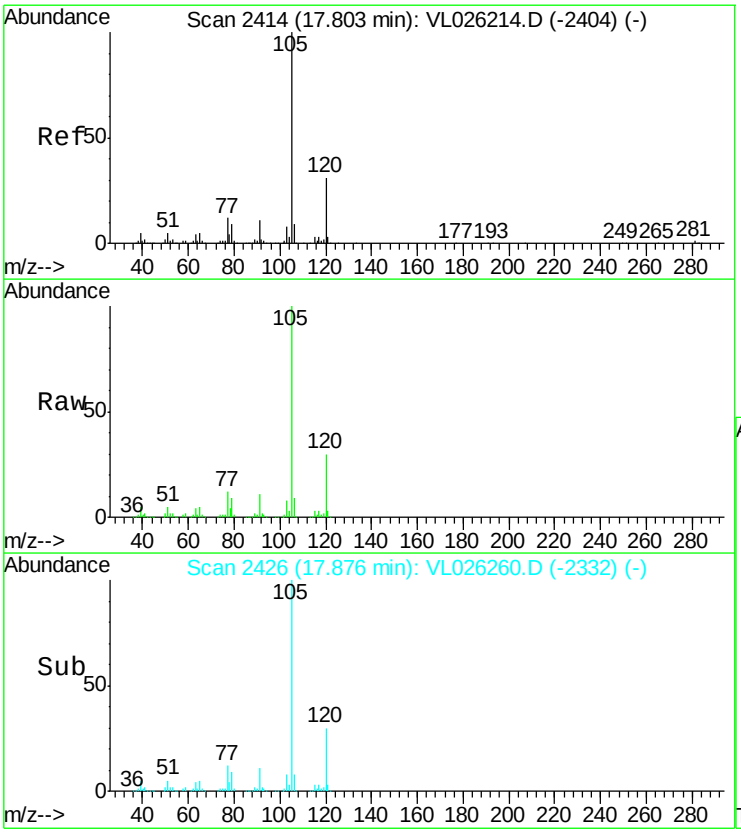
#71
2-Chlorotoluene
Concen: 7.74 ppbv
RT: 17.48 min Scan# 2361
Delta R.T. 0.07 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 91 Resp: 2497097

Ion	Ratio	Lower	Upper
91	100		
126	31.9	12.9	51.7

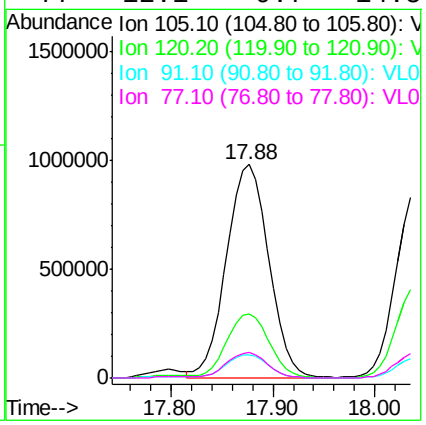


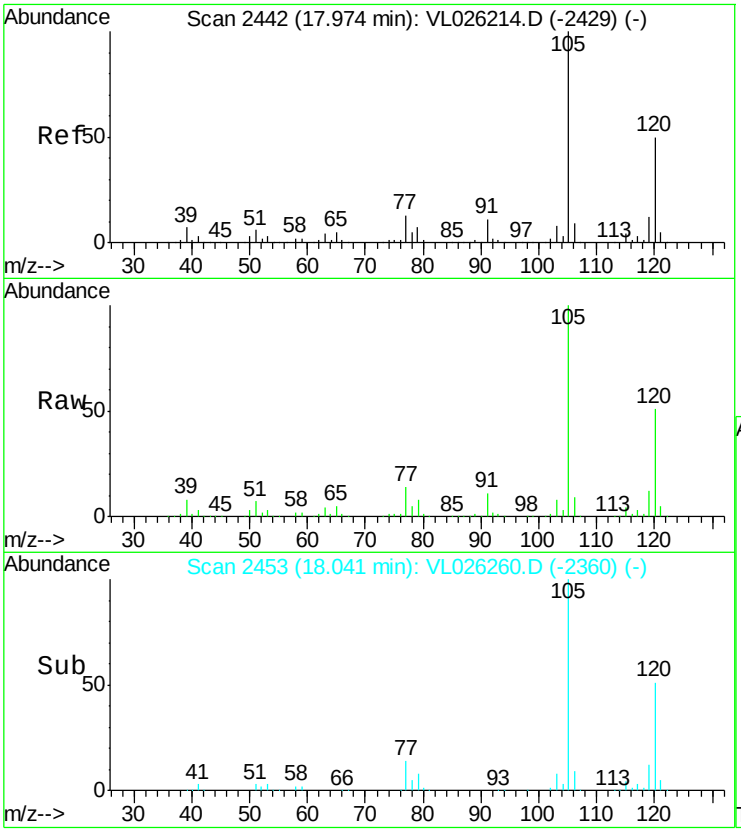


#72
4-Ethyltoluene
Concen: 7.74 ppbv
RT: 17.88 min Scan# 2426
Delta R.T. 0.07 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion:105 Resp: 2836280

Ion	Ratio	Lower	Upper
105	100		
120	31.5	25.2	37.8
91	11.4	9.0	13.6
77	12.1	9.7	14.5



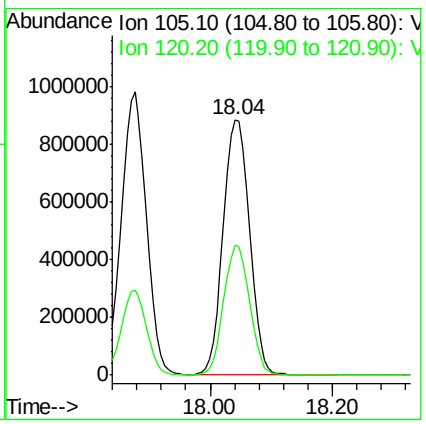


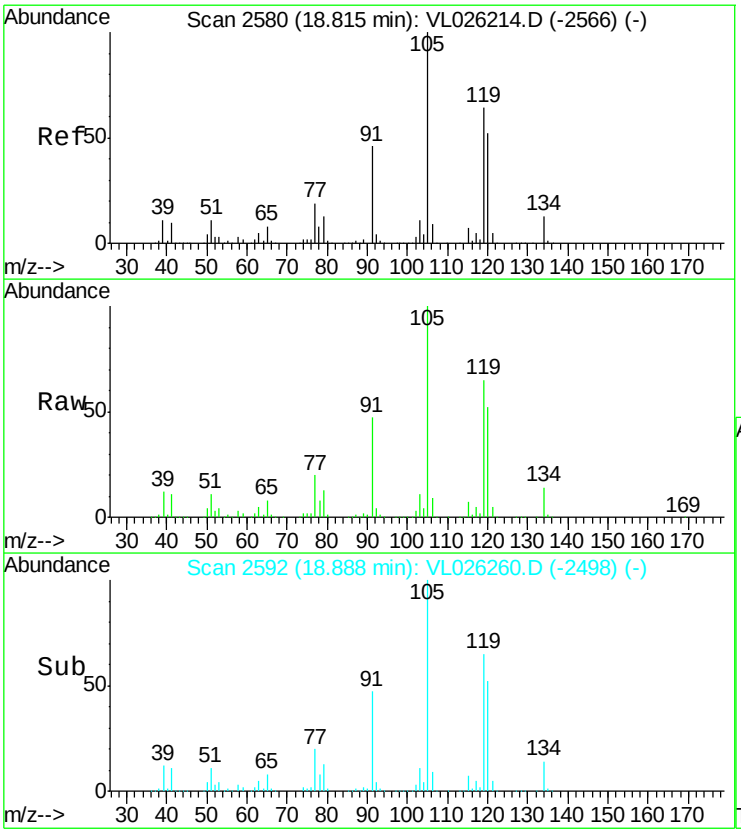
#73
1,3,5-Trimethylbenzene
Concen: 7.74 ppbv
RT: 18.04 min Scan# 2453
Delta R.T. 0.07 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:105 Resp: 2642526

Ion	Ratio	Lower	Upper
105	100		
120	50.8	39.8	59.6

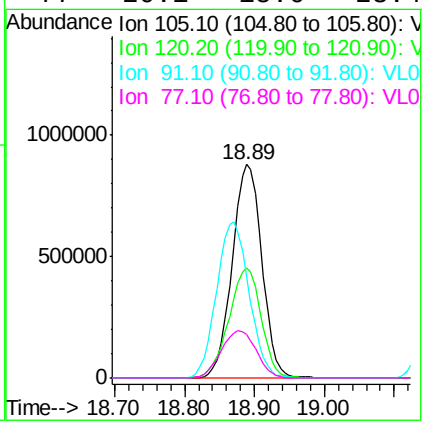


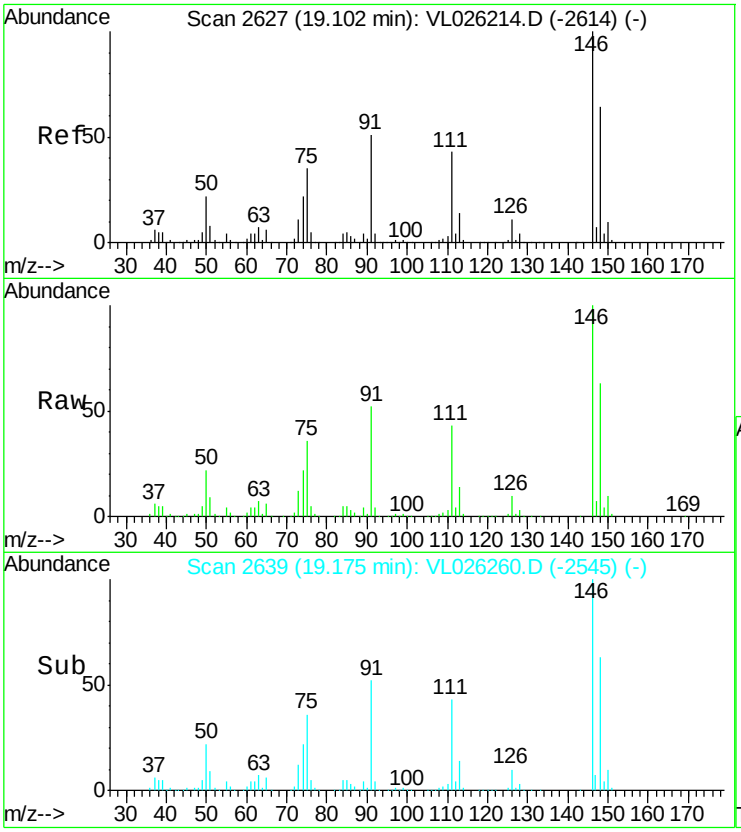


#74
1,2,4-Trimethylbenzene
Concen: 7.33 ppbv
RT: 18.89 min Scan# 2592
Delta R.T. 0.07 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion:105 Resp: 2595656

Ion	Ratio	Lower	Upper
105	100		
120	51.5	41.2	61.8
91	47.3	37.2	55.8
77	20.1	15.6	23.4



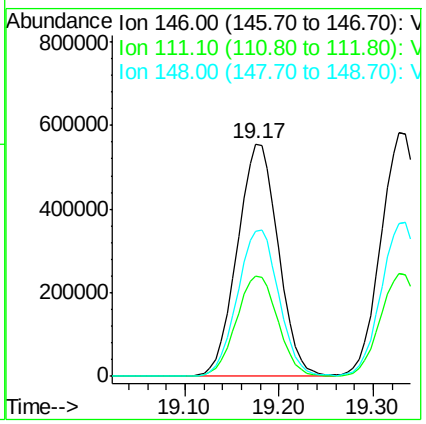


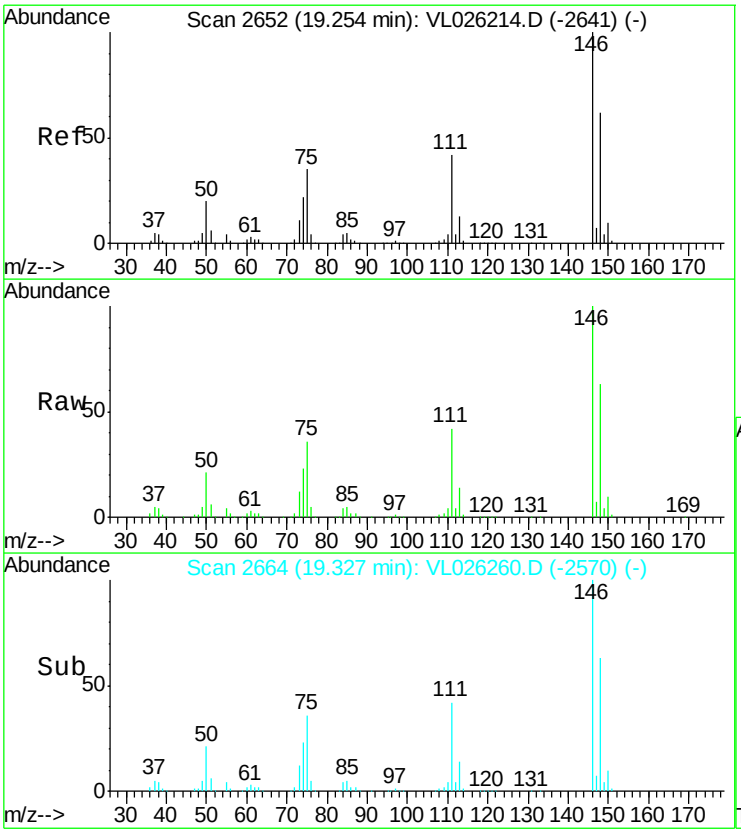
#75
1,3-Dichlorobenzene
Concen: 7.33 ppbv
RT: 19.17 min Scan# 2639
Delta R.T. 0.07 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:146 Resp: 1696998

Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.6	64.8
148	63.5	31.8	95.4

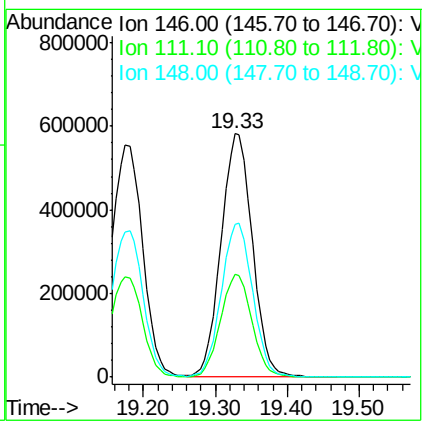


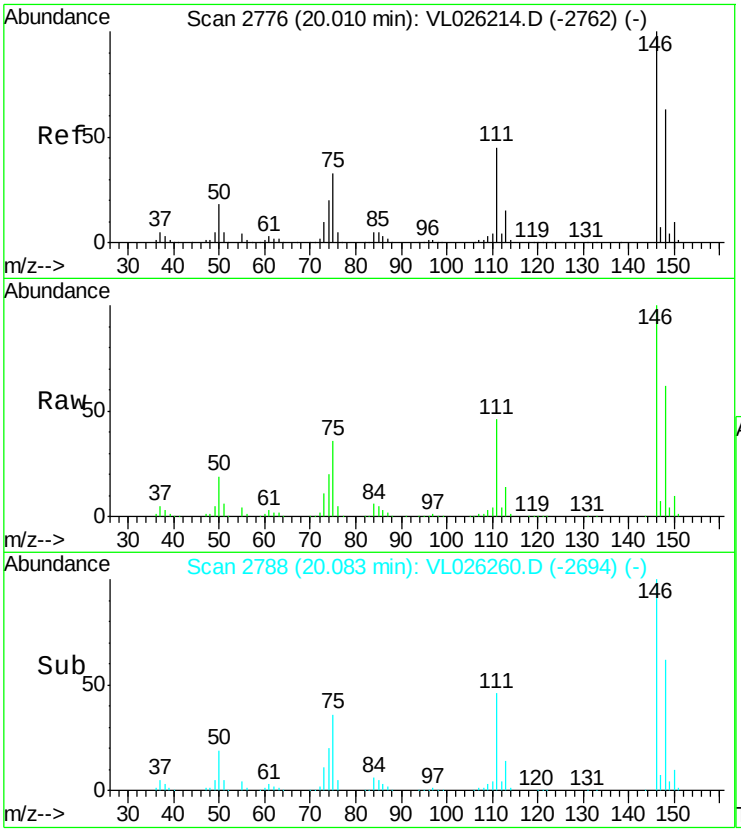


#76
1,4-Dichlorobenzene
Concen: 7.29 ppbv
RT: 19.33 min Scan# 2664
Delta R.T. 0.07 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion:146 Resp: 1761493

Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.8	62.2
148	63.5	31.9	95.9



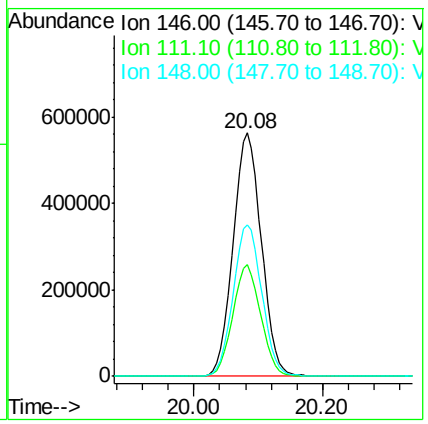


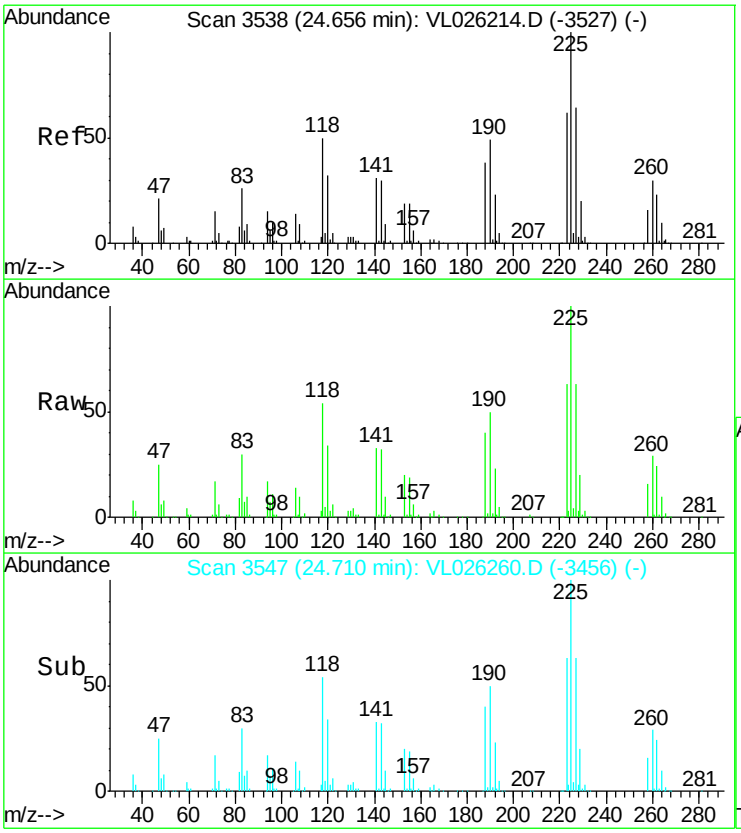
#77
1,2-Dichlorobenzene
Concen: 7.34 ppbv
RT: 20.08 min Scan# 2788
Delta R.T. 0.07 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:146 Resp: 1713522

Ion	Ratio	Lower	Upper
146	100		
111	45.4	22.6	67.7
148	63.2	31.6	95.0

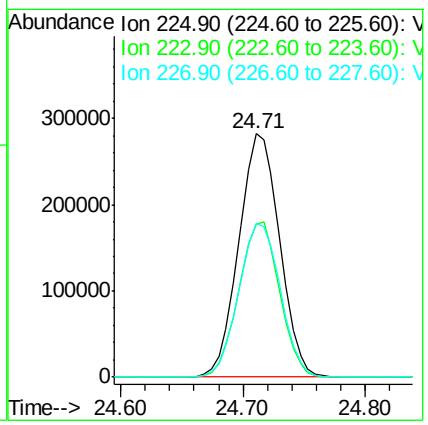


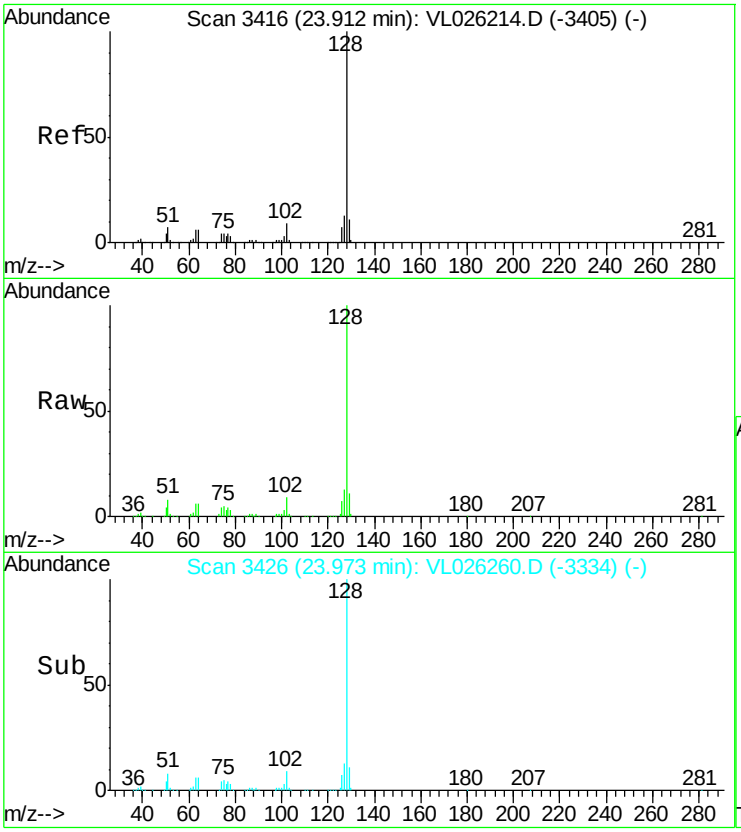


#78
Hexachloro-1,3-Butadiene
Concen: 5.46 ppbv
RT: 24.71 min Scan# 3547
Delta R.T. 0.05 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion:225 Resp: 653051

Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.2	75.2
227	64.1	50.8	76.2



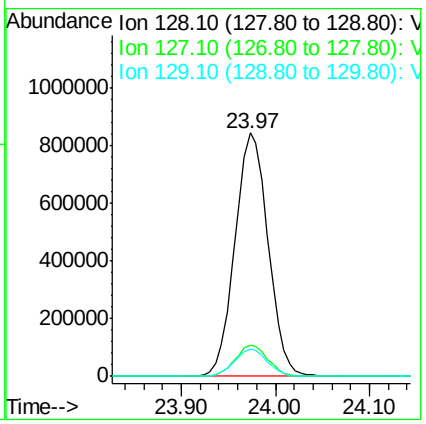


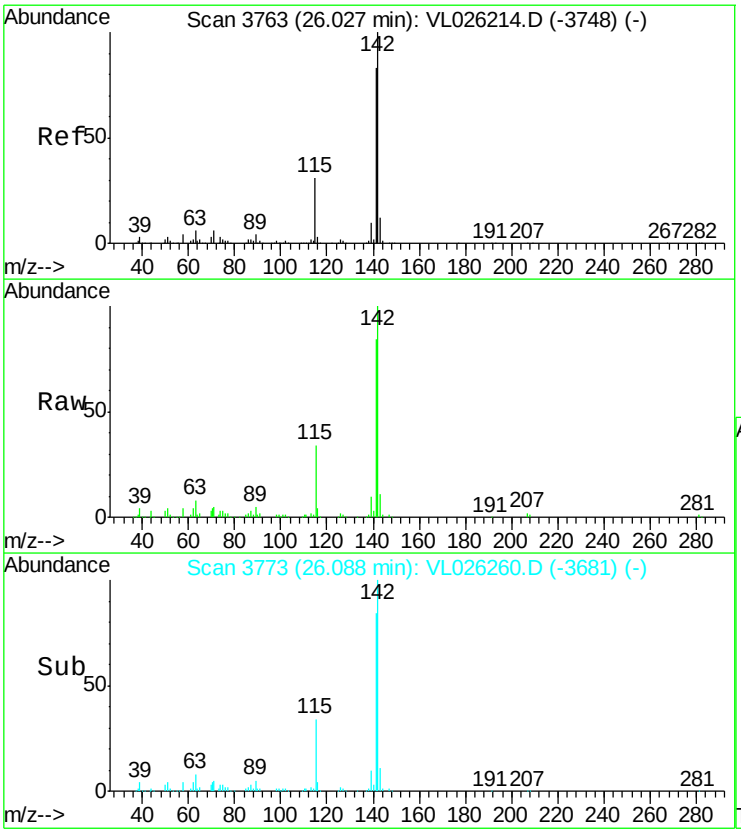
#79
Naphthalene
Concen: 6.62 ppbv
RT: 23.97 min Scan# 3426
Delta R.T. 0.06 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:128 Resp: 2067319

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.4	15.6
129	11.0	8.8	13.2

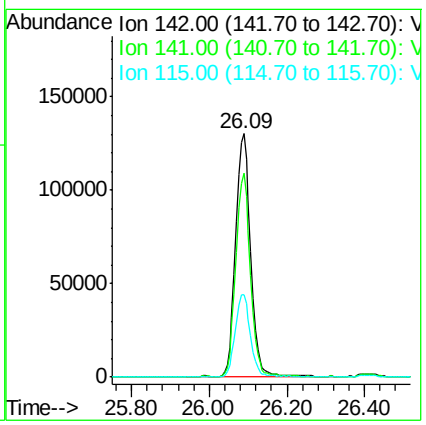


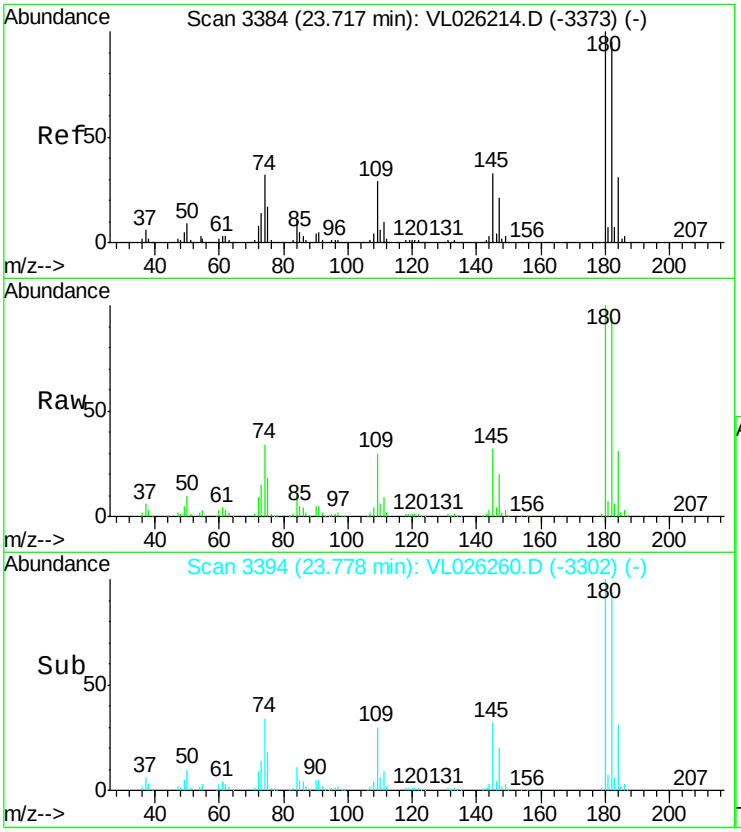


#80
Naphthalene,2-methyl-
Concen: 6.33 ppbv
RT: 26.09 min Scan# 3773
Delta R.T. 0.06 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Tgt Ion:142 Resp: 354539

Ion	Ratio	Lower	Upper
142	100		
141	82.5	66.5	99.7
115	34.3	24.2	36.4





#81
1,2,4-Trichlorobenzene
Concen: 6.55 ppbv
RT: 23.78 min Scan# 3394
Delta R.T. 0.06 min
Lab File: VL026260.D
Acq: 29 Oct 2015 9:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:180 Resp: 984054

Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.7	115.1
184	30.3	24.2	36.2