Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL100915\
Data File : VL026192.D
Acq On : 10 Oct 2015 1:36
Operator : SY/MD
Sample : G3973-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Oct 10 02:11:47 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL100915AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Oct 09 16:23:14 2015
QLast Update : Fri Oct 09 16:23:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	6.66	49	304925	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	8.40	114	352633	10.00	ppbv		0.07
55) Chlorobenzene-d5	14.07	117	145252	10.00	ppbv		0.30
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	16.66	95	899	0.08	ppbv		0.35
Spiked Amount 10.000	Range 65 - 135		Recovery = 0.80%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.64	85	22558	0.39	ppbv		97
3) Chlorodifluoromethane	3.56	51	133381	3.75	ppbv	#	84
4) Chloromethane	3.75	50	3962	0.20	ppbv		91
6) Bromomethane	4.14	94	1719	0.12	ppbv		94
7) Chloroethane	4.60	64	1672	0.19	ppbv	#	1
9) Propene	3.59	41	90433	5.53	ppbv		90
10) Heptane	9.34	43	2440475	42.94	ppbv	#	1
11) Trichlorofluoromethane	4.70	101	16648	0.30	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	5.33	101	3614	0.10	ppbv		88
13) Ethanol	4.34	45	68414	28.44	ppbv		96
15) Acetone	4.61	43	9741262	247.16	ppbv	#	76
16) 1,3-Butadiene	3.94	39	131831	7.24	ppbv	#	15
17) tert-Butyl alcohol	5.17	59	16428	0.69	ppbv	#	71
19) Isopropyl Alcohol	4.78	45	69747	4.54	ppbv	#	94
20) Methylene Chloride	5.17	84	18512	1.10	ppbv	#	14
21) Allyl Chloride	5.18	41	1685405	65.52	ppbv	#	62
23) Vinyl Acetate	6.07	43	54381772	779.58	ppbv	#	15
24) 1,1-Dichloroethane	5.99	63	108135	2.27	ppbv	#	85
25) Ethyl Acetate	6.76	43	26669734	349.94	ppbv	#	77
26) Hexane	6.77	57	30623455	829.65	ppbv	#	14
27) Carbon Disulfide	5.40	76	39930	0.90	ppbv	#	1
28) Methyl tert-Butyl Ether	5.98	73	138339	2.32	ppbv	#	54
29) Chloroform	6.75	83	5286	0.10	ppbv		84
30) Cyclohexane	8.40	84	42492831	1208.28	ppbv	#	49
31) cis-1,2-Dichloroethene	6.48	61	11726	0.35	ppbv	#	21
34) 2-Butanone	6.38	43	16355373	833.26	ppbv	#	54
35) Carbon Tetrachloride	8.24	117	924	0.04	ppbv	#	41
36) Benzene	8.10	78	25813757	765.39	ppbv	#	70
37) 1,2-Dichloroethane	7.48	62	141793	7.85	ppbv	#	1
39) 1,2-Dichloropropane	8.90	63	5563	0.44	ppbv	#	1
40) 1,4-Dioxane	9.07	88	324	0.16	ppbv	#	1
41) Tetrahydrofuran	7.22	42	490228	44.34	ppbv	#	38
42) Bromodichloromethane	9.18	83	4758607	200.12	ppbv	#	29
43) Methyl Methacrylate	9.35	69	145680	12.26	ppbv	#	1
44) 2,2,4-Trimethylpentane	9.41	57	27455163	489.59	ppbv	#	54
45) t-1,3-Dichloropropene	10.75	75	1312	0.08	ppbv	#	1
46) cis-1,3-Dichloropropene	10.10	75	1516	0.08	ppbv	#	1
47) 1,1,2-Trichloroethane	10.88	97	2099081	139.67	ppbv	#	1
48) Dibromochloromethane	11.91	129	2146	0.10	ppbv	#	10
50) 4-Methyl-2-Pentanone	9.87	43	1898324	73.14	ppbv	#	37
51) 2-Hexanone	11.74	43	42583884	1824.92	ppbv	#	30

Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL100915\
Data File : VL026192.D
Acq On : 10 Oct 2015 1:36
Operator : SY/MD
Sample : G3973-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Oct 10 02:11:47 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL100915AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Oct 09 16:23:14 2015
QLast Update : Fri Oct 09 16:23:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) Toluene	11.60	91	72341935	1664.53	ppbv	#	47
57) Chlorobenzene	14.16	112	4343727	331.33	ppbv	#	34
58) Ethyl Benzene	14.69	91	35789533	1696.32	ppbv	#	71
59) m/p-Xylene	14.97	91	46435027	2742.51	ppbv	#	77
60) o-Xylene	15.79	91	3953213	222.80	ppbv		85
61) Styrene	15.69	104	253611	34.94	ppbv	#	1
62) Isopropylbenzene	16.69	105	71590	3.06	ppbv		90
63) 1,1,2,2-Tetrachloroethane	15.85	83	56207	4.26	ppbv	#	25
64) n-propylbenzene	17.91	120	2331	0.37	ppbv	#	1
66) Benzyl Chloride	19.55	91	7959	1.30	ppbv	#	64
67) sec-Butylbenzene	19.86	105	4144	0.14	ppbv	#	57
70) n-Butylbenzene	21.25	91	38873	1.76	ppbv	#	65
71) 2-Chlorotoluene	17.65	91	8510	0.50	ppbv		93
72) 4-Ethyltoluene	18.24	105	734	0.04	ppbv	#	1
73) 1,3,5-Trimethylbenzene	18.39	105	2260	0.13	ppbv	#	44
74) 1,2,4-Trimethylbenzene	19.27	105	1270	0.07	ppbv	#	46
79) Naphthalene	24.47	128	621	0.05	ppbv	#	20
80) Naphthalene,2-methyl-	26.68	142	33654	12.80	ppbv	#	1

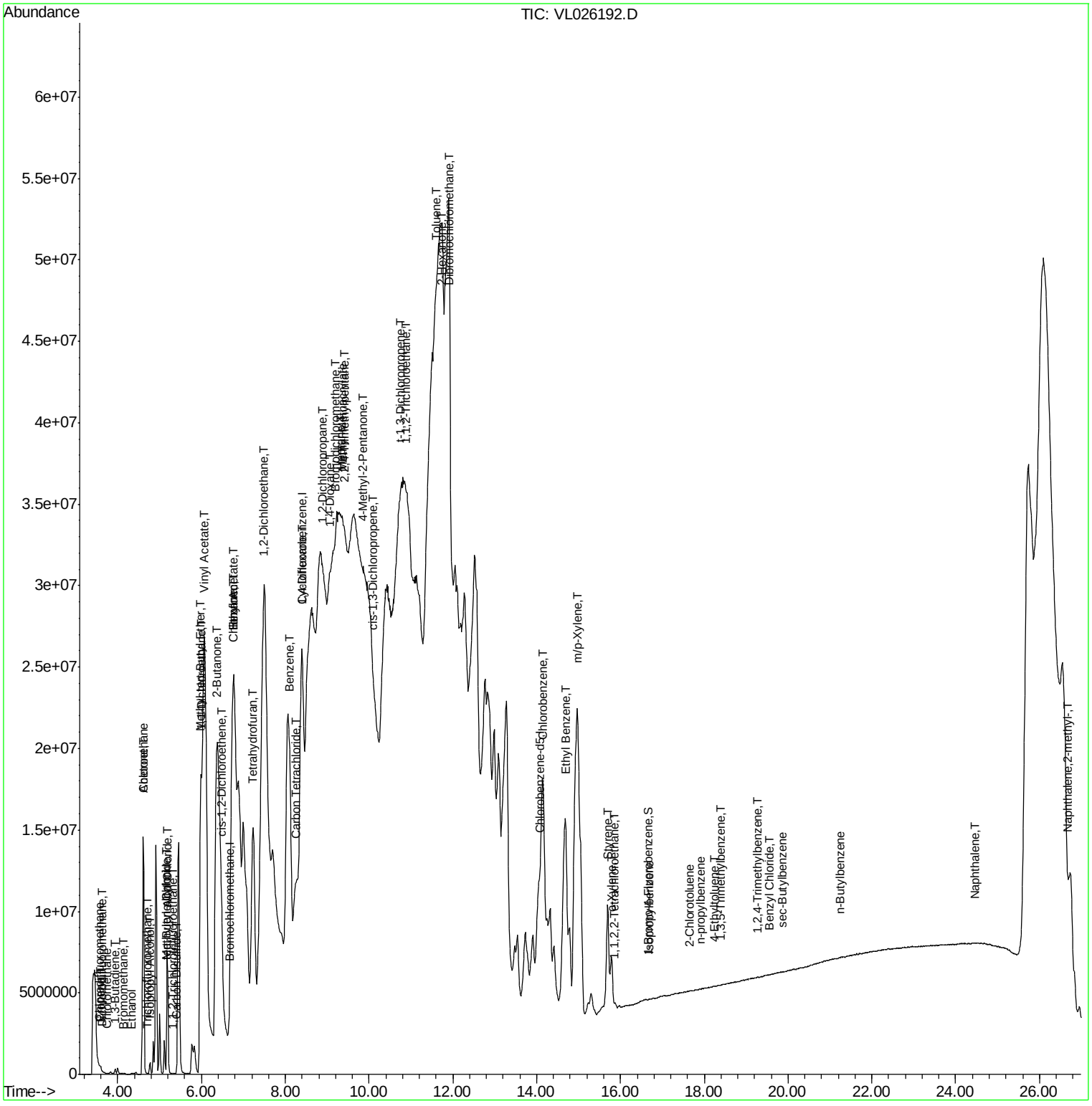
(#) = qualifier out of range (m) = manual integration (+) = signals summed

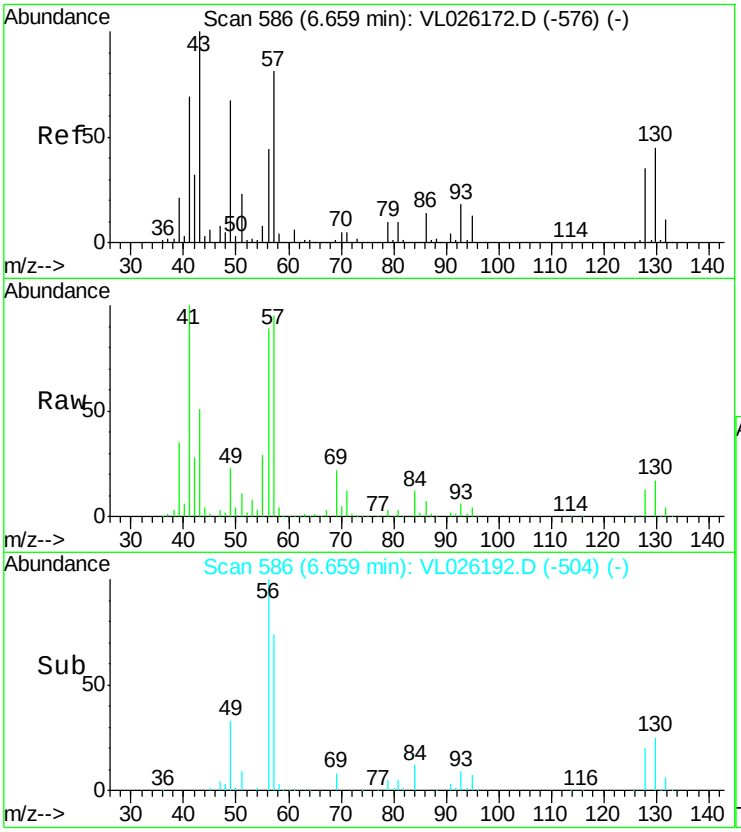
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL100915\
Data File : VL026192.D
Acq On : 10 Oct 2015 1:36
Operator : SY/MD
Sample : G3973-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Oct 10 02:11:47 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL100915AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Oct 09 16:23:14 2015
QLast Update : Fri Oct 09 16:23:14 2015
Response via : Initial Calibration



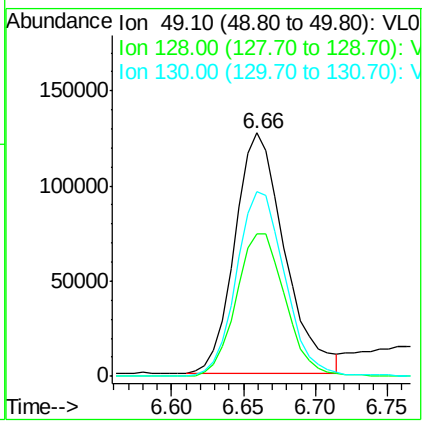


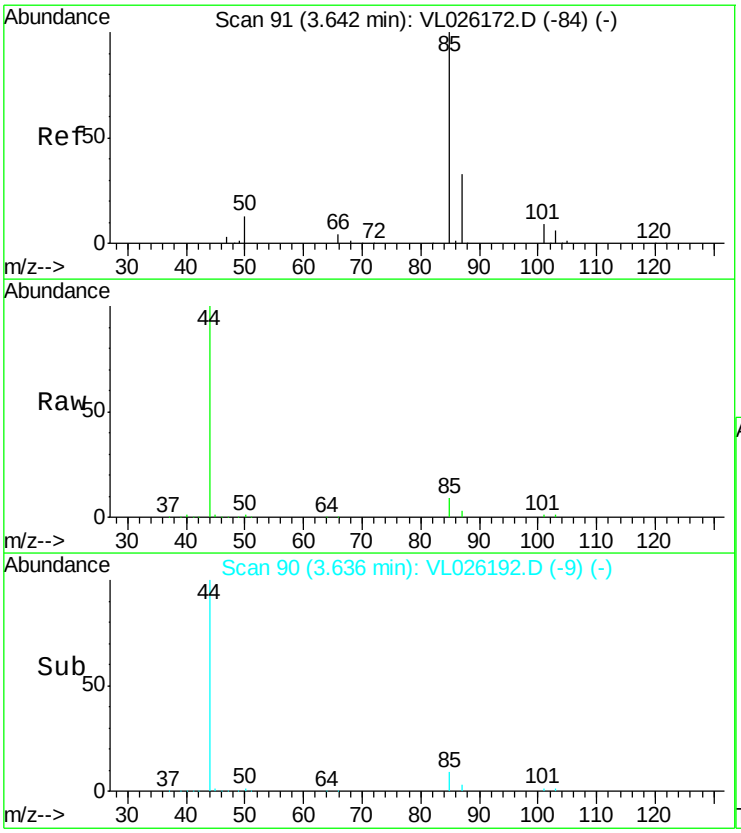
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 6.66 min Scan# 586
Delta R.T. 0.00 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 304925

Ion	Ratio	Lower	Upper
49	100		
128	58.4	26.3	78.8
130	74.3	34.2	102.5

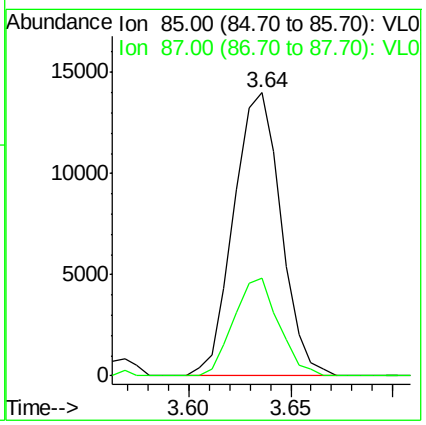


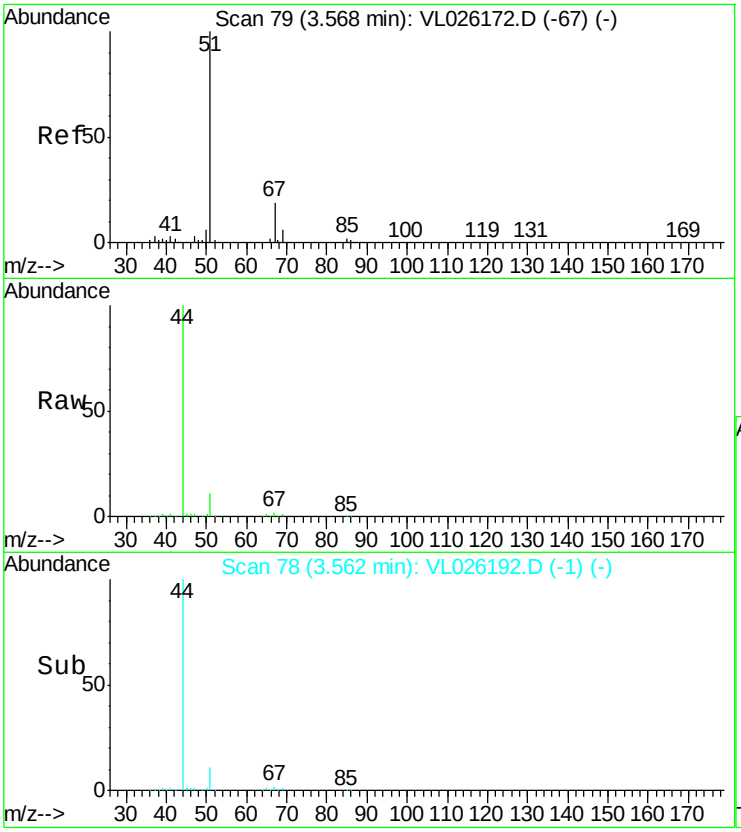


#2
Dichlorodifluoromethane
Concen: 0.39 ppbv
RT: 3.64 min Scan# 90
Delta R.T. -0.01 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Tgt Ion: 85 Resp: 22558

Ion	Ratio	Lower	Upper
85	100		
87	34.7	26.2	39.4

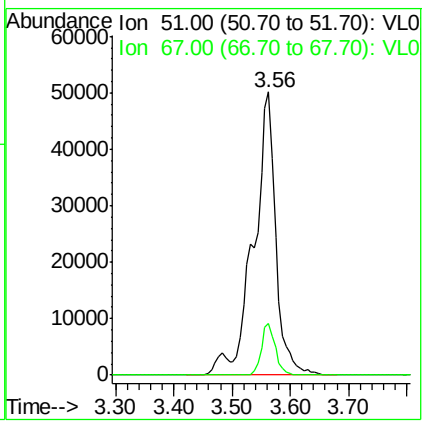




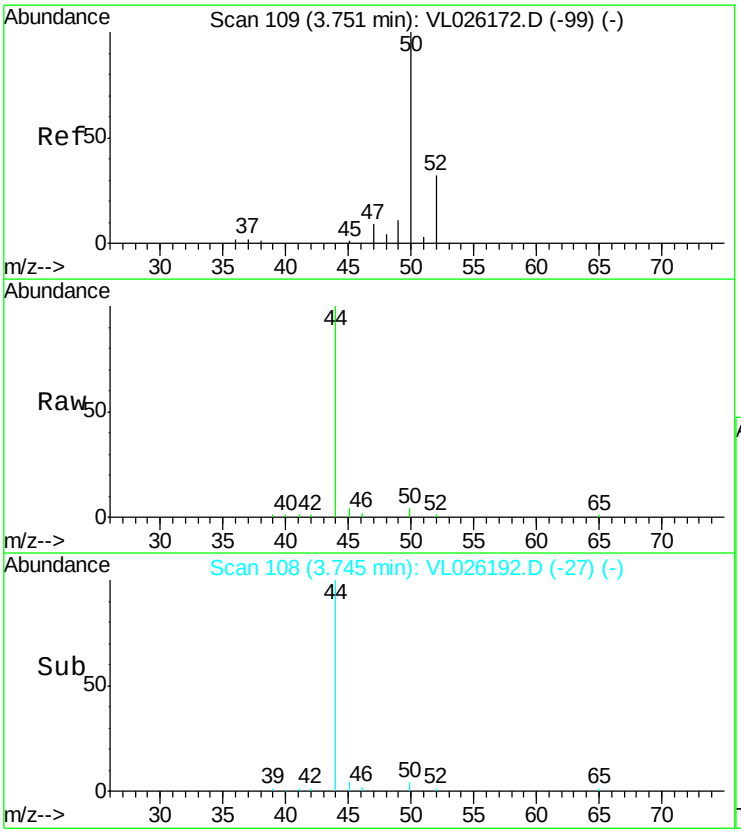
#3
Chlorodifluoromethane
Concen: 3.75 ppbv
RT: 3.56 min Scan# 78
Delta R.T. -0.01 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Tgt Ion: 51 Resp: 133381

Ion	Ratio	Lower	Upper
51	100		
67	11.5	14.9	22.3#



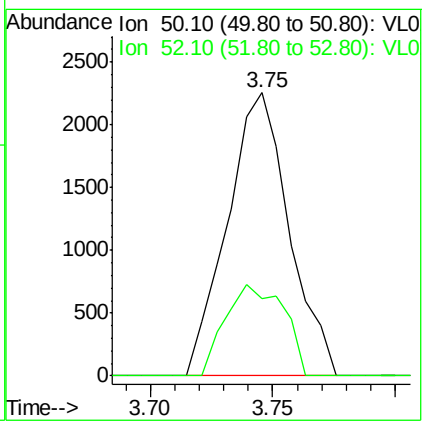
Instrument :
MSVOA_L
ClientSampleId :

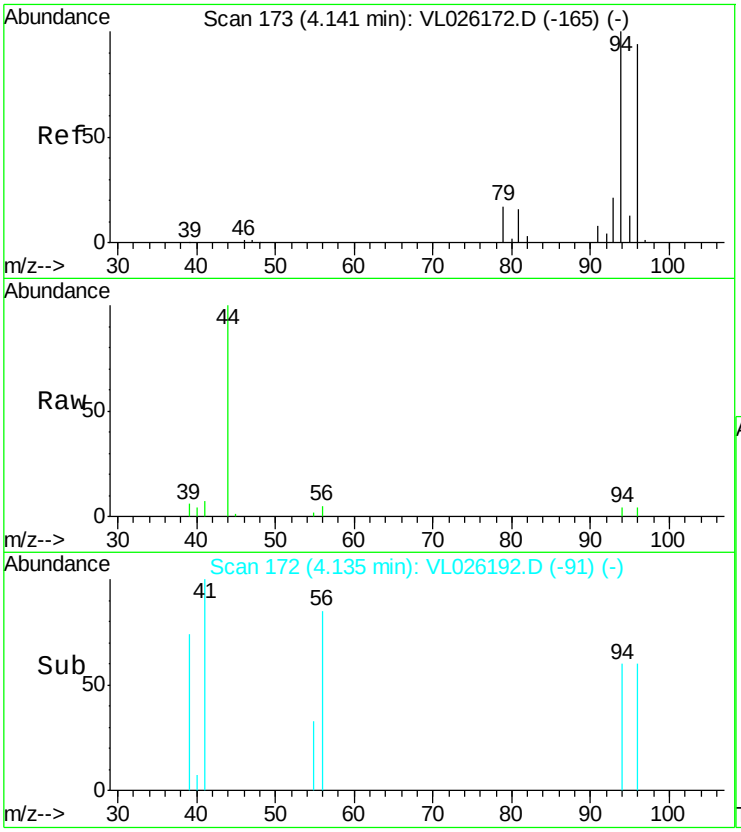


#4
Chloromethane
Concen: 0.20 ppbv
RT: 3.75 min Scan# 108
Delta R.T. -0.01 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Tgt Ion: 50 Resp: 3962

Ion	Ratio	Lower	Upper
50	100		
52	27.5	25.9	38.9



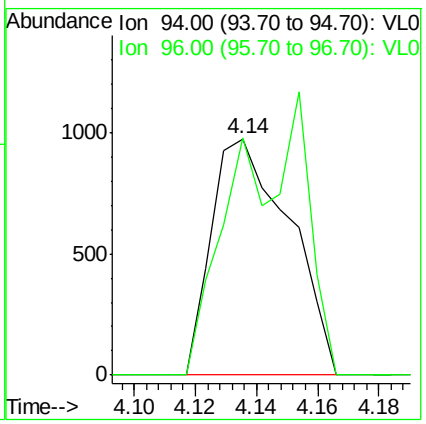


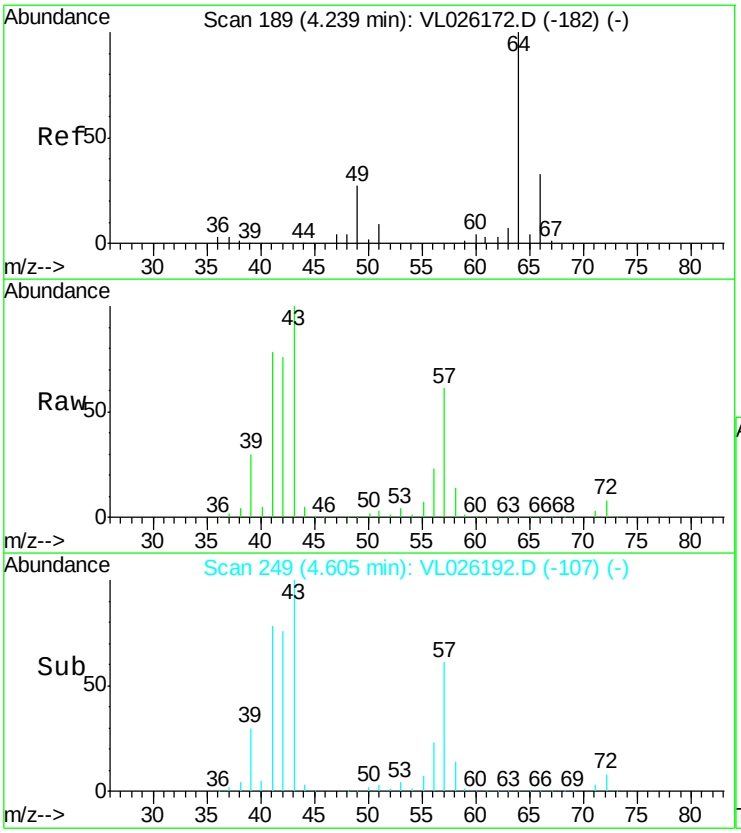
#6
Bromomethane
Concen: 0.12 ppbv
RT: 4.14 min Scan# 172
Delta R.T. -0.01 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 94 Resp: 1719

Ion	Ratio	Lower	Upper
94	100		
96	100.4	75.4	113.2

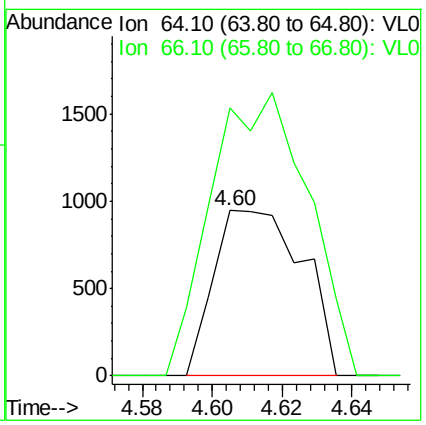


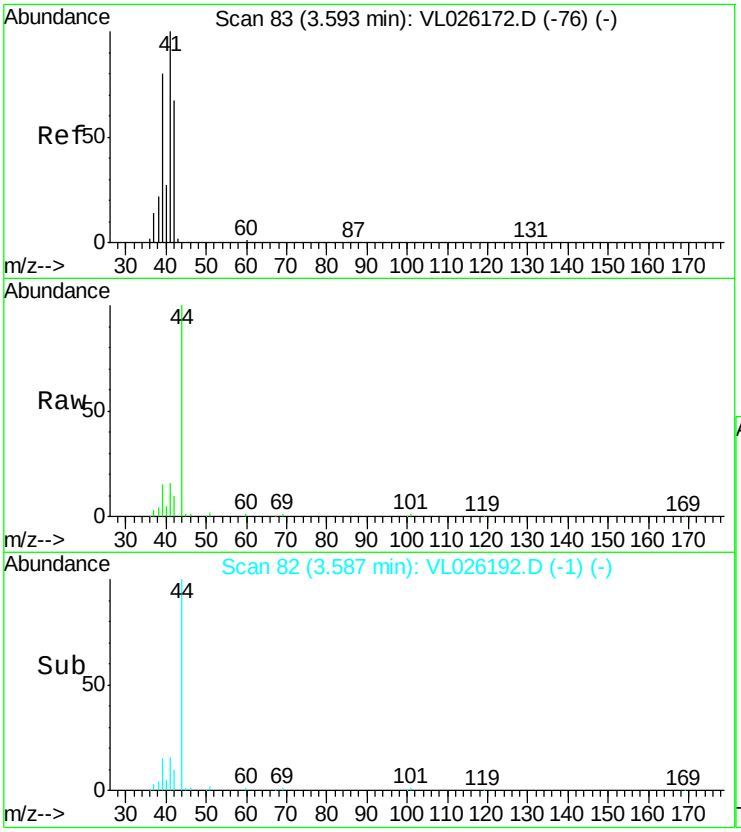


#7
Chloroethane
Concen: 0.19 ppbv
RT: 4.60 min Scan# 249
Delta R.T. 0.37 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Tgt Ion: 64 Resp: 1672

Ion	Ratio	Lower	Upper
64	100		
66	161.6	26.5	39.7#



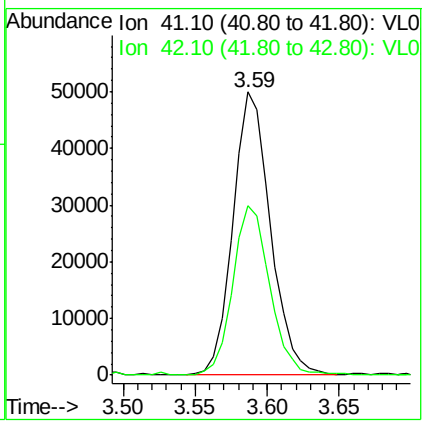


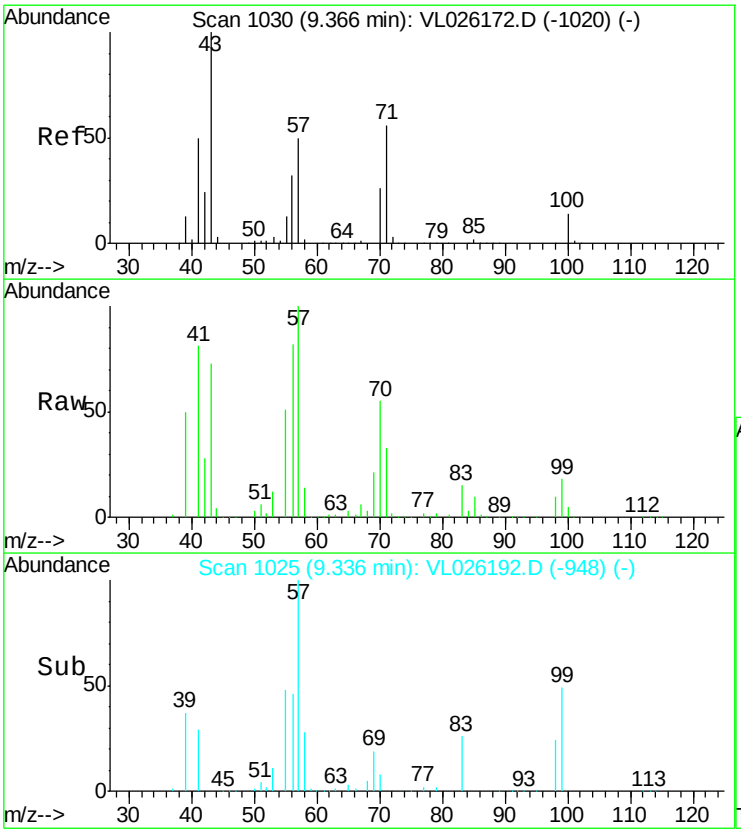
#9
Propene
Concen: 5.53 ppbv
RT: 3.59 min Scan# 82
Delta R.T. -0.01 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 90433

Ion	Ratio	Lower	Upper
41	100		
42	59.3	53.6	80.4

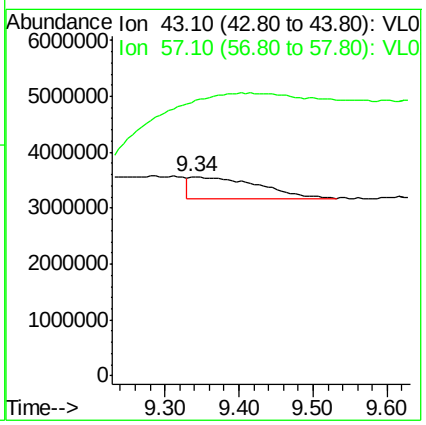


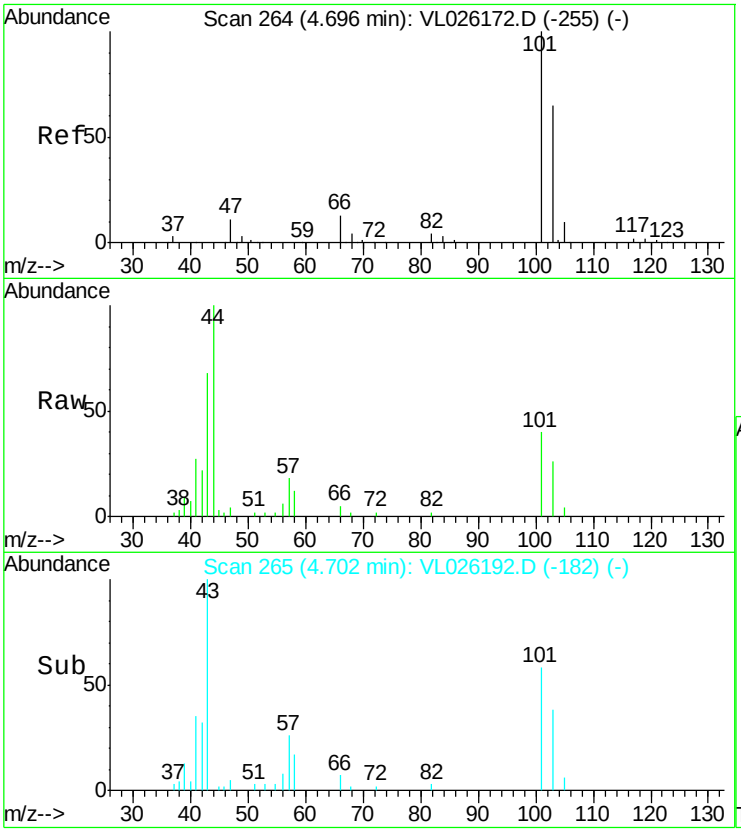


#10
Heptane
Concen: 42.94 ppbv
RT: 9.34 min Scan# 1025
Delta R.T. -0.03 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Tgt Ion: 43 Resp: 2440475

Ion	Ratio	Lower	Upper
43	100		
57	2051.1	41.8	62.8#



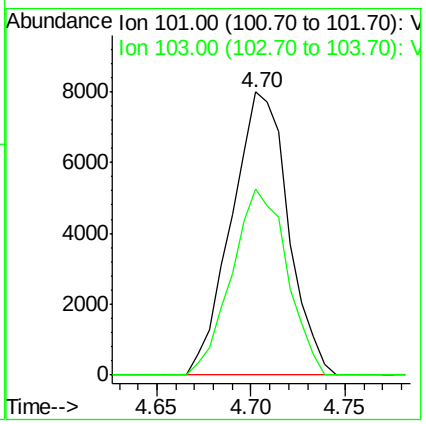


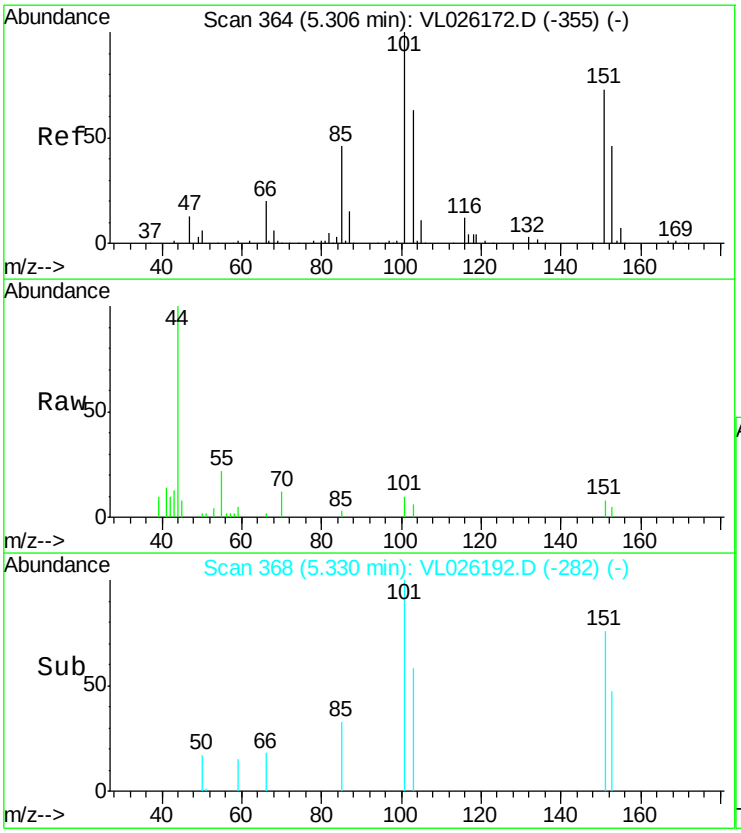
#11
Trichlorofluoromethane
Concen: 0.30 ppbv
RT: 4.70 min Scan# 265
Delta R.T. 0.01 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 16648

Ion	Ratio	Lower	Upper
101	100		
103	65.6	51.9	77.9

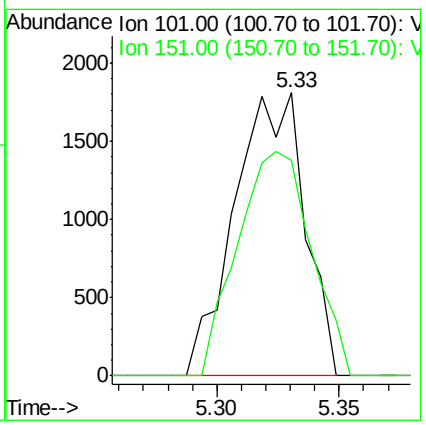


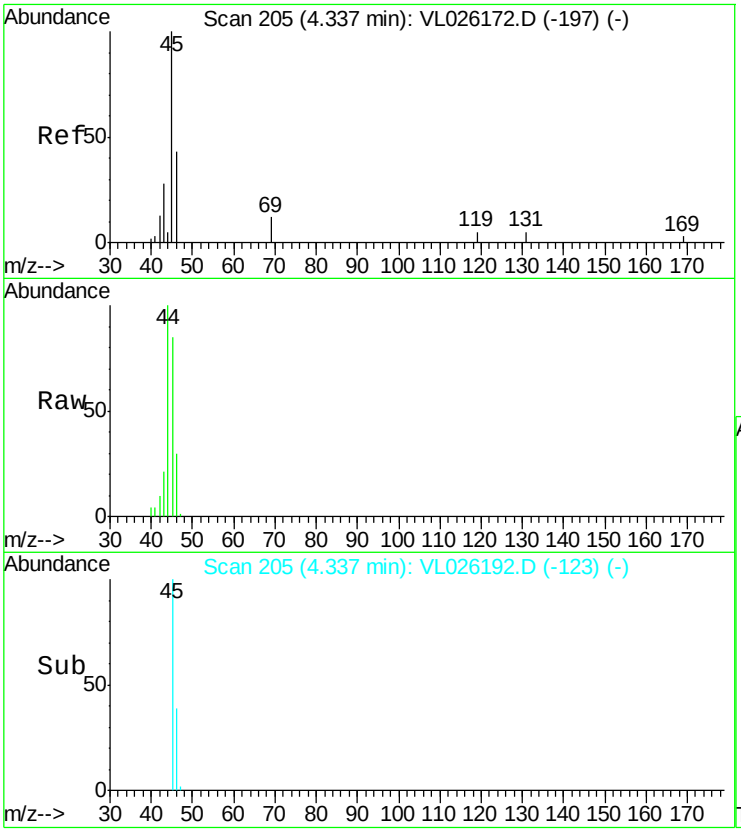


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.10 ppbv
RT: 5.33 min Scan# 368
Delta R.T. 0.02 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Tgt Ion:101 Resp: 3614

Ion	Ratio	Lower	Upper
101	100		
151	83.7	59.0	88.6



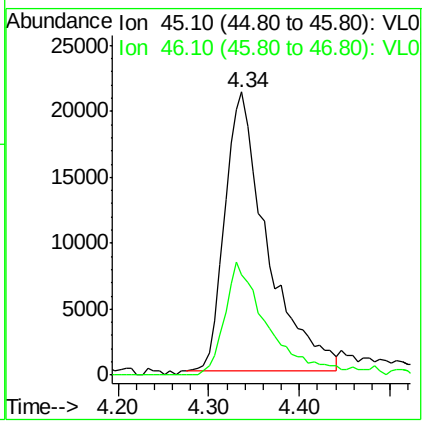


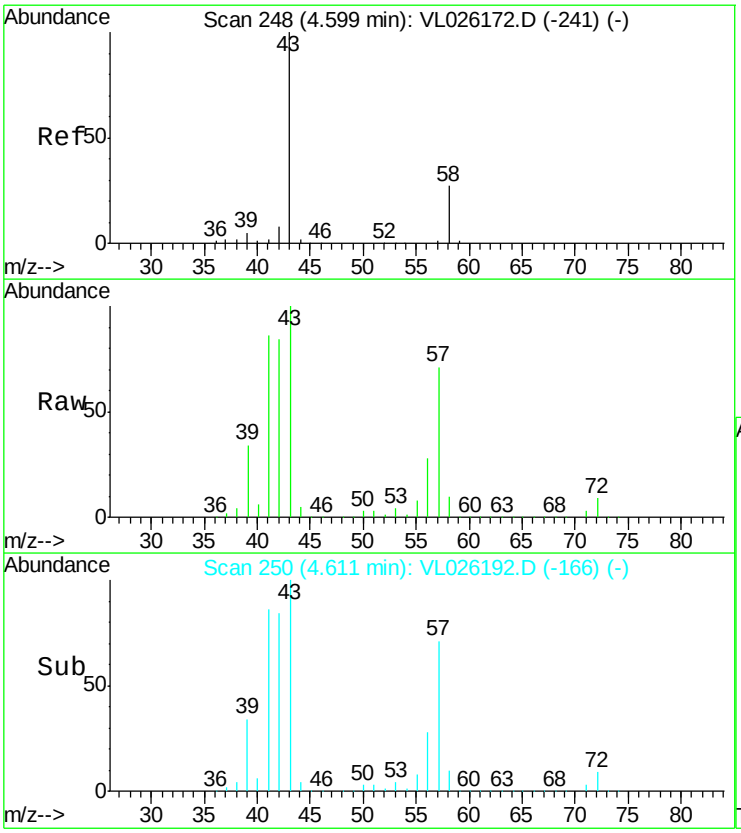
#13
Ethanol
Concen: 28.44 ppbv
RT: 4.34 min Scan# 205
Delta R.T. 0.00 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 68414

Ion	Ratio	Lower	Upper
45	100		
46	42.8	18.1	72.5

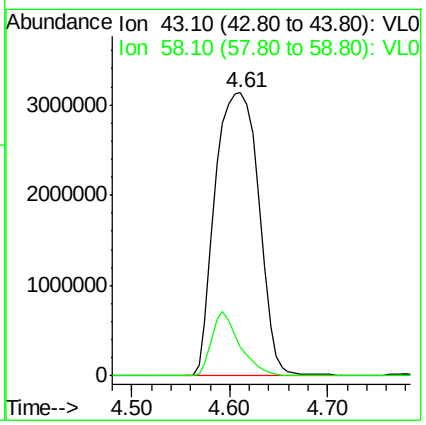


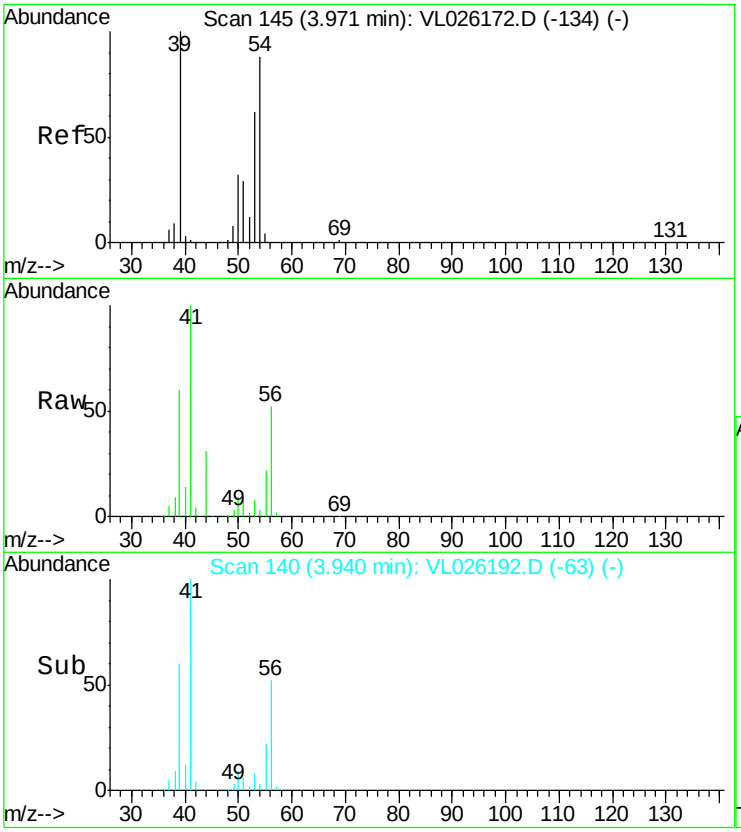


#15
Acetone
Concen: 247.16 ppbv
RT: 4.61 min Scan# 250
Delta R.T. 0.01 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Tgt Ion: 43 Resp: 9741262

Ion	Ratio	Lower	Upper
43	100		
58	14.8	22.0	33.0#



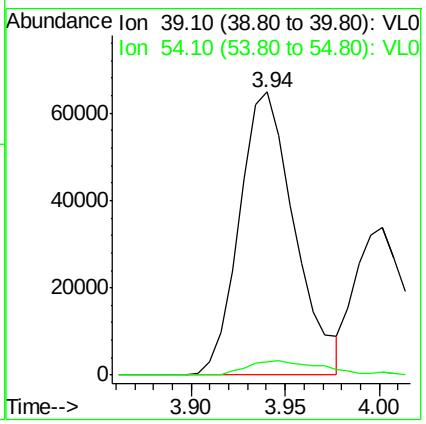


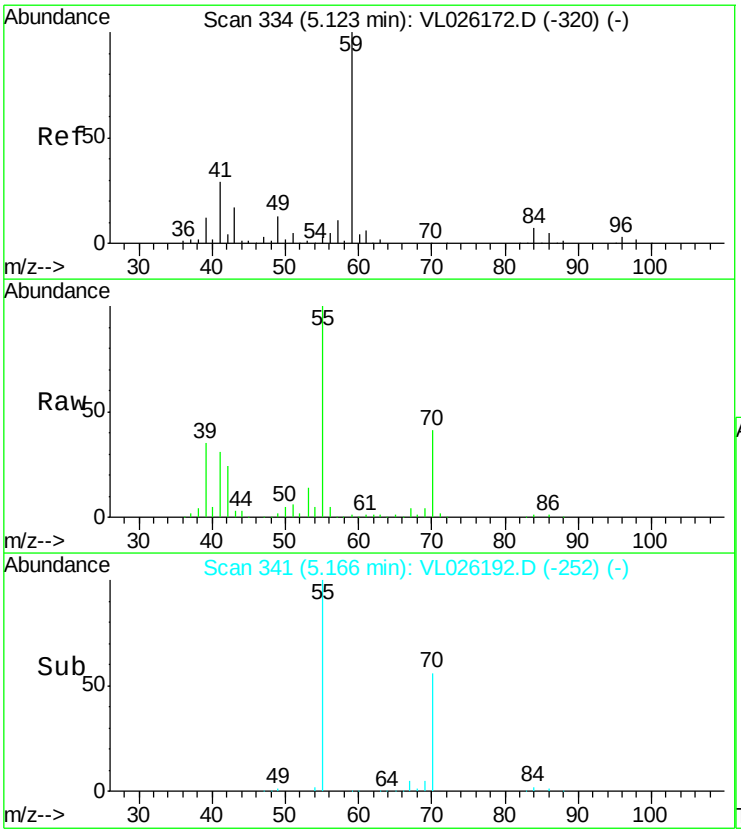
#16
1,3-Butadiene
Concen: 7.24 ppbv
RT: 3.94 min Scan# 140
Delta R.T. -0.03 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 39 Resp: 131831

Ion	Ratio	Lower	Upper
39	100		
54	7.0	67.9	101.9#

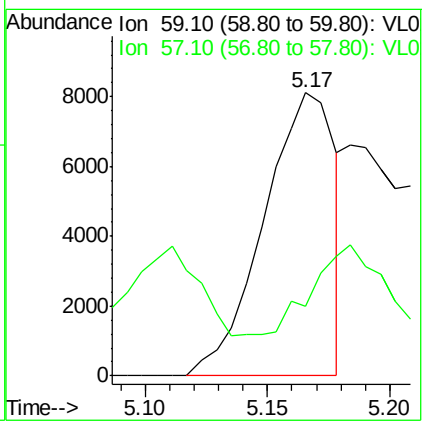


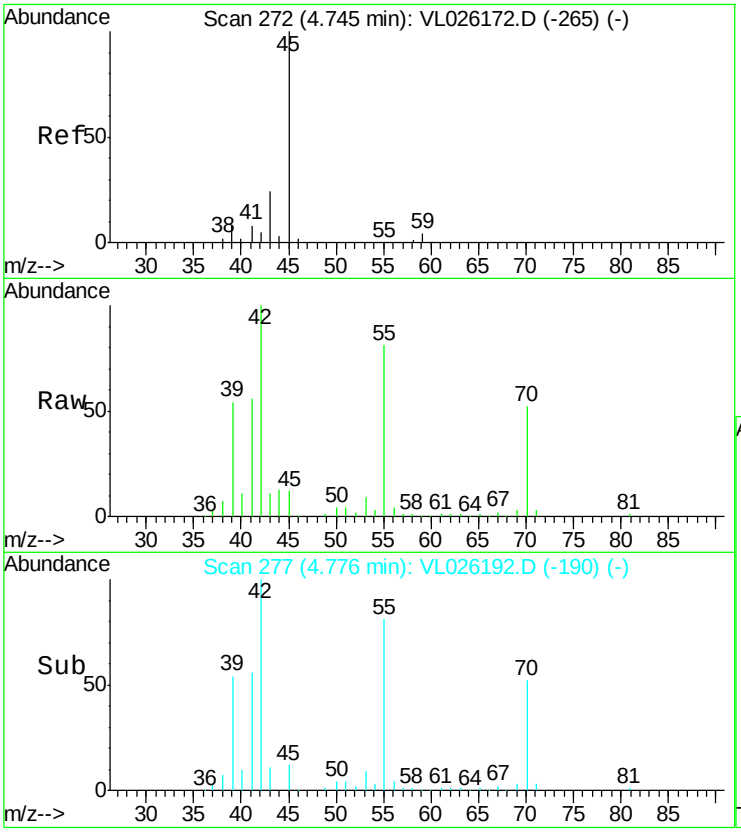


#17
tert-Butyl alcohol
Concen: 0.69 ppbv
RT: 5.17 min Scan# 341
Delta R.T. 0.04 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Tgt Ion: 59 Resp: 16428

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.8	13.2#



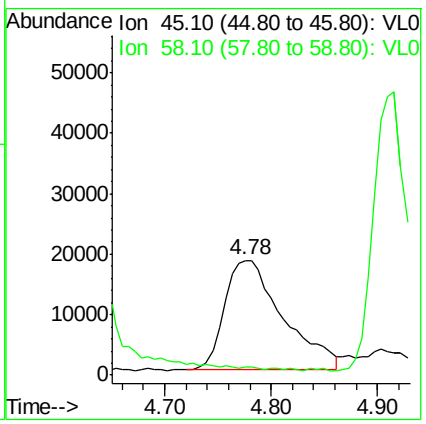


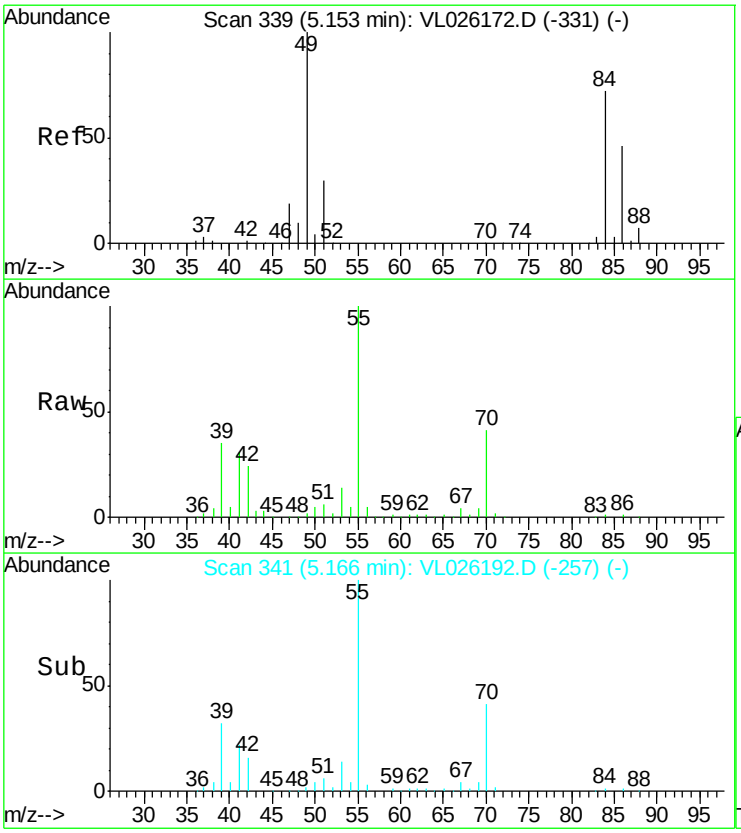
#19
Isopropyl Alcohol
Concen: 4.54 ppbv
RT: 4.78 min Scan# 277
Delta R.T. 0.03 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 69747

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.7	2.5#

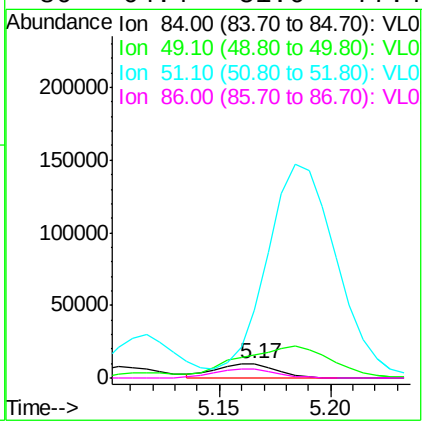


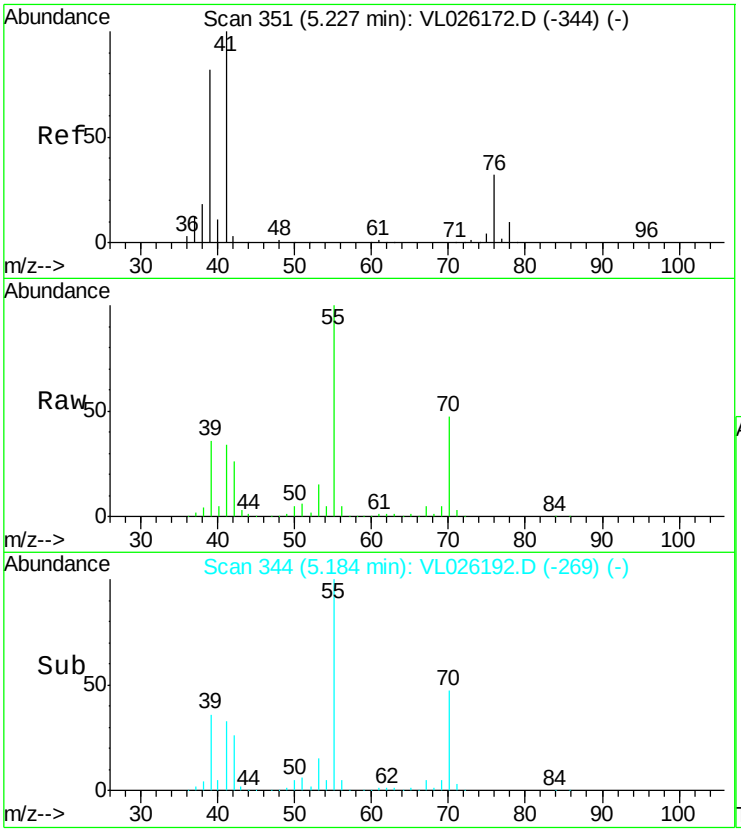


#20
Methylene Chloride
Concen: 1.10 ppbv
RT: 5.17 min Scan# 341
Delta R.T. 0.01 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Tgt Ion: 84 Resp: 18512

Ion	Ratio	Lower	Upper
84	100		
49	131.4	111.3	166.9
51	348.9	33.0	49.6#
86	64.4	51.6	77.4



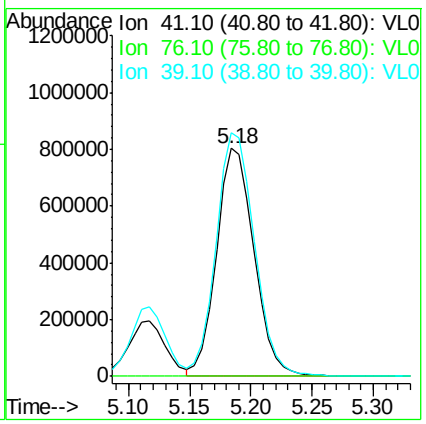


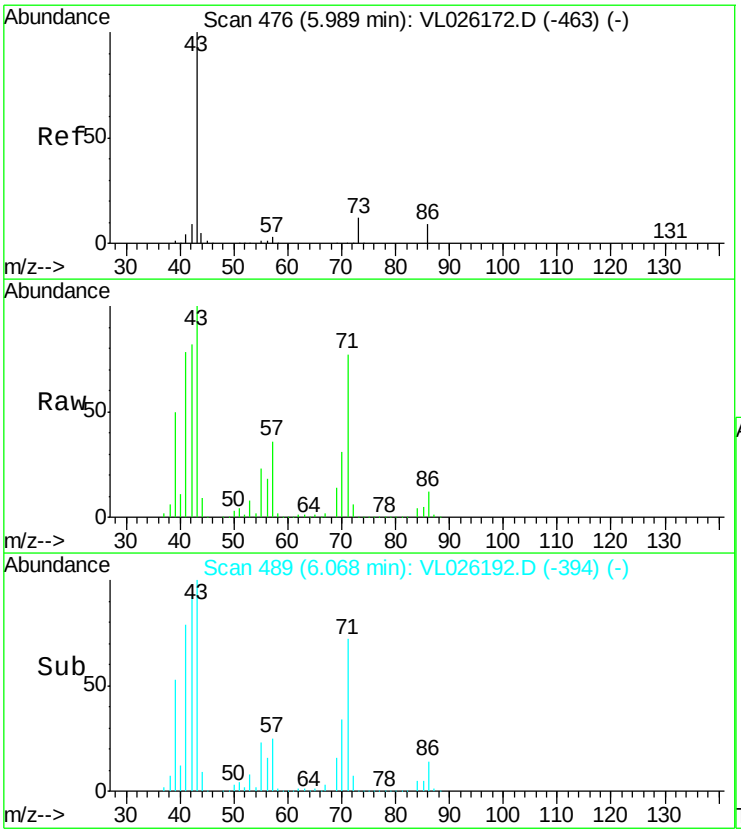
#21
Allvl Chloride
Concen: 65.52 ppbv
RT: 5.18 min Scan# 344
Delta R.T. -0.04 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 1685405

Ion	Ratio	Lower	Upper
41	100		
76	0.0	25.4	38.2#
39	110.5	66.5	99.7#

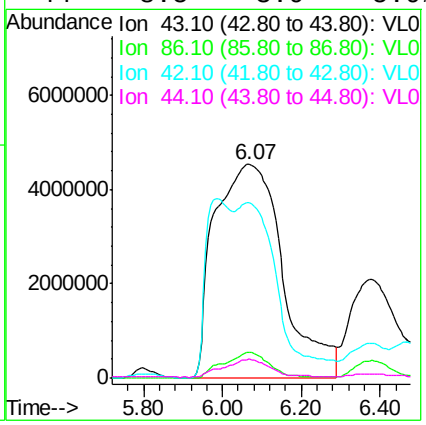


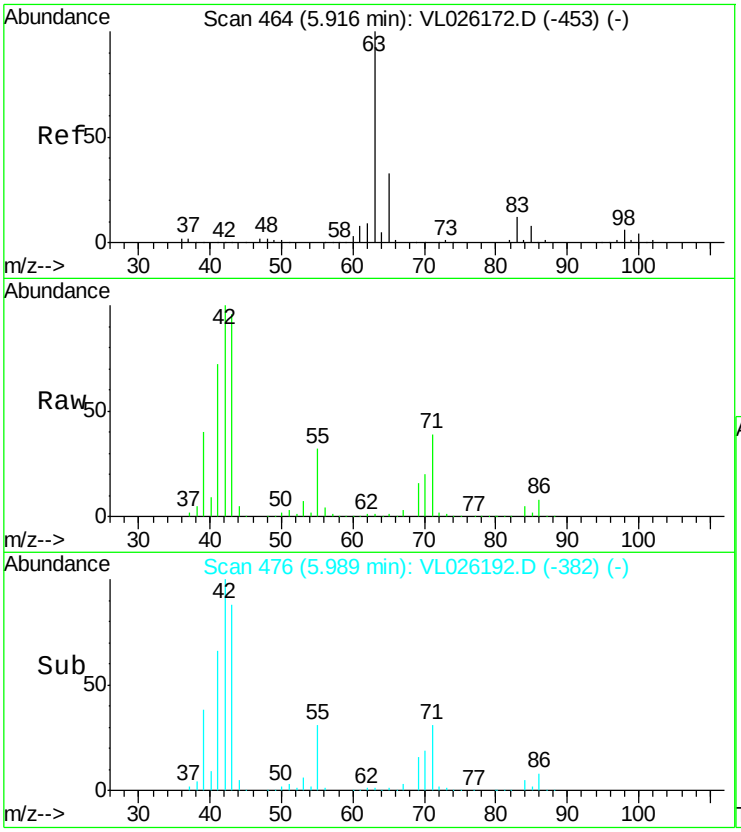


#23
Vinyl Acetate
Concen: 779.58 ppbv
RT: 6.07 min Scan# 489
Delta R.T. 0.08 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Tgt Ion: 43 Resp:54381772

Ion	Ratio	Lower	Upper
43	100		
86	11.9	7.2	10.8#
42	82.0	7.4	11.2#
44	8.5	3.9	5.9#



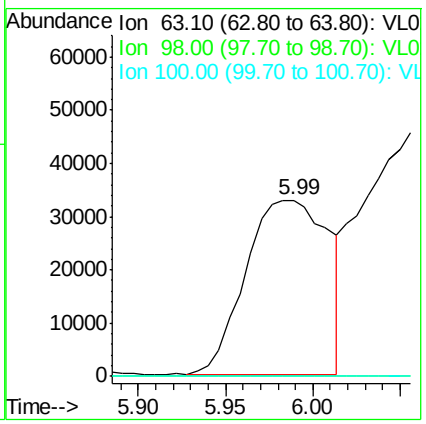


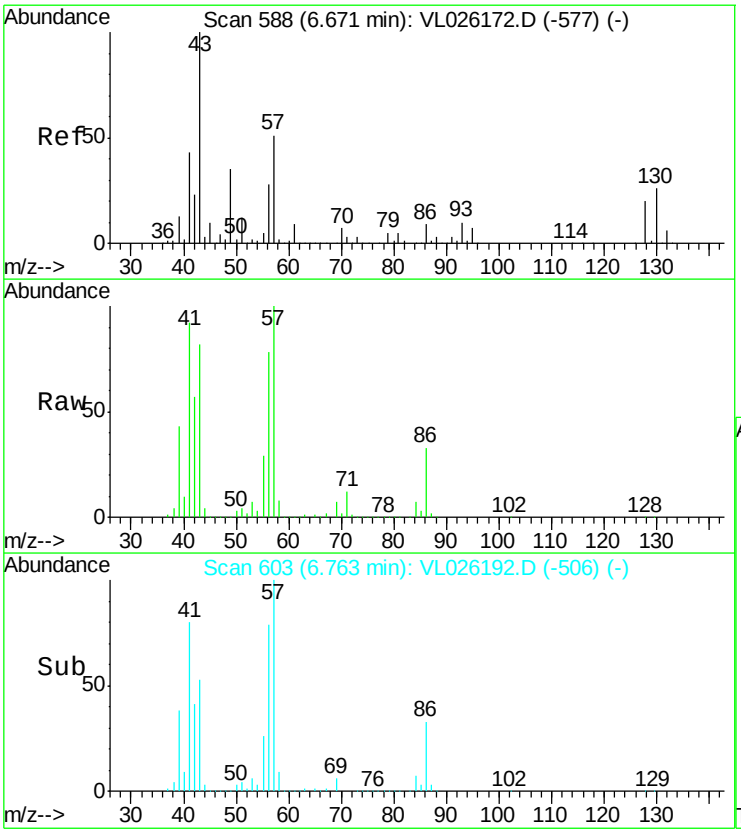
#24
1,1-Dichloroethane
Concen: 2.27 ppbv
RT: 5.99 min Scan# 476
Delta R.T. 0.07 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 108135

Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.9	8.7#
100	0.0	1.8	5.5#

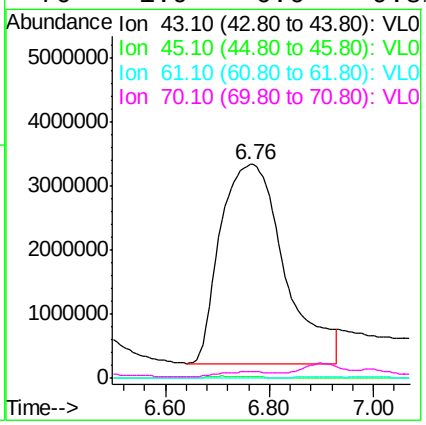


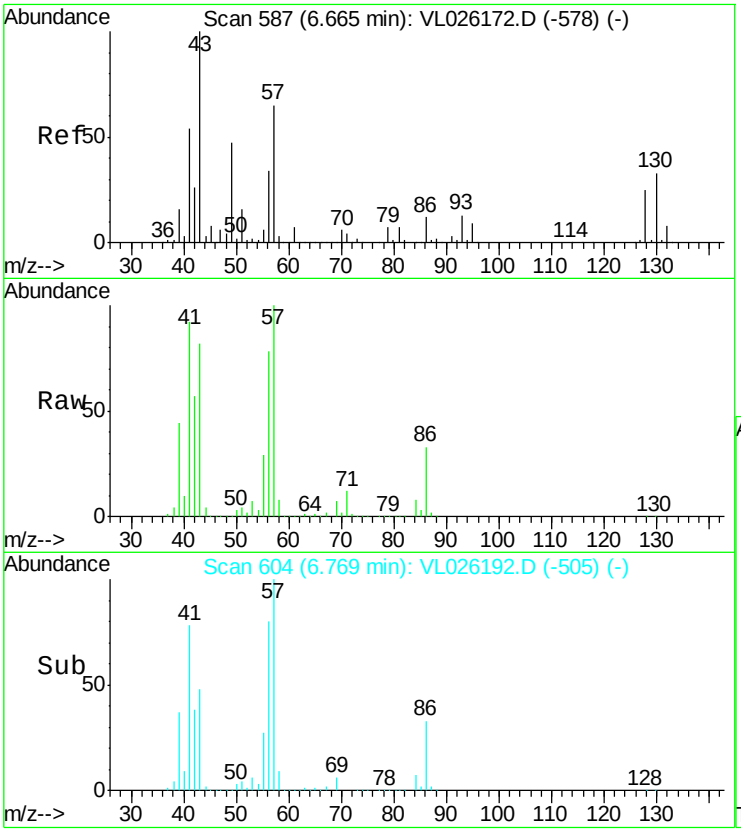


#25
Ethyl Acetate
Concen: 349.94 ppbv
RT: 6.76 min Scan# 603
Delta R.T. 0.09 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Tgt Ion: 43 Resp:26669734

Ion	Ratio	Lower	Upper
43	100		
45	0.7	7.7	11.5#
61	0.2	7.4	11.2#
70	1.9	6.6	9.8#



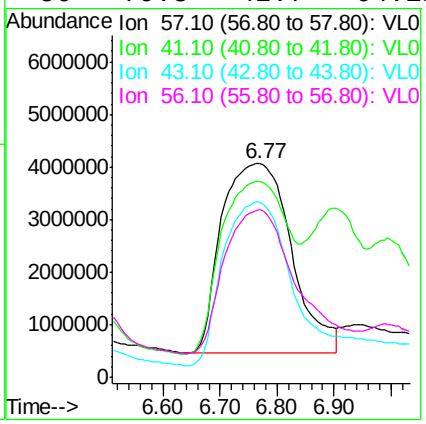


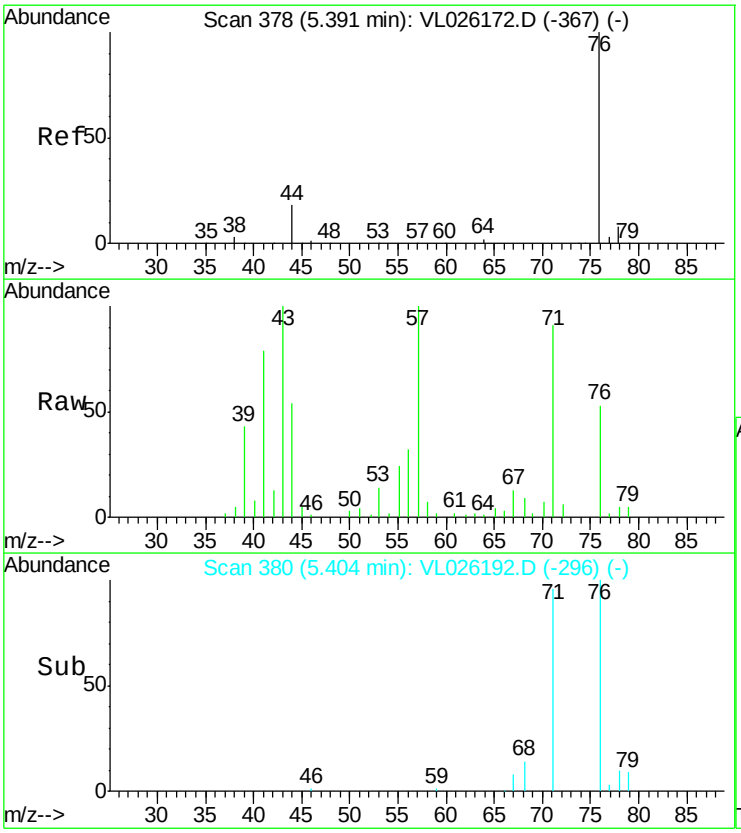
#26
Hexane
Concen: 829.65 ppbv
RT: 6.77 min Scan# 604
Delta R.T. 0.10 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp:30623455

Ion	Ratio	Lower	Upper
57	100		
41	88.9	68.0	102.0
43	0.0	164.4	246.6#
56	79.3	42.7	64.1#

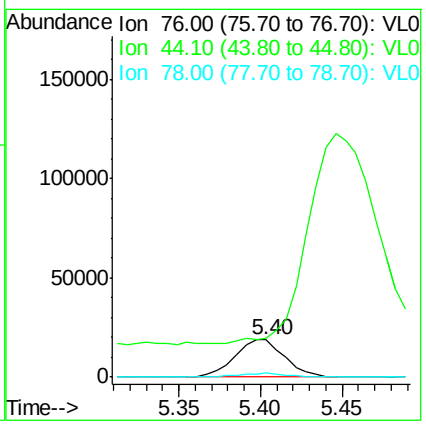


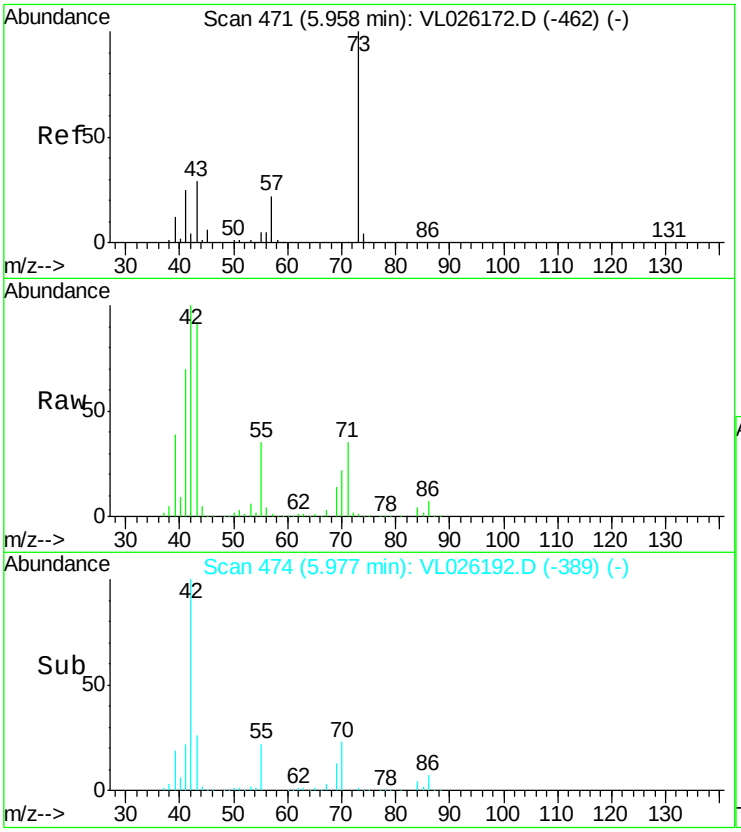


#27
Carbon Disulfide
Concen: 0.90 ppbv
RT: 5.40 min Scan# 380
Delta R.T. 0.01 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Tgt Ion: 76 Resp: 39930

Ion	Ratio	Lower	Upper
76	100		
44	827.7	14.2	21.4#
78	11.2	7.5	11.3



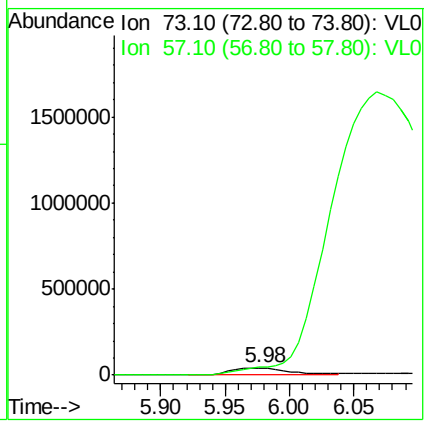


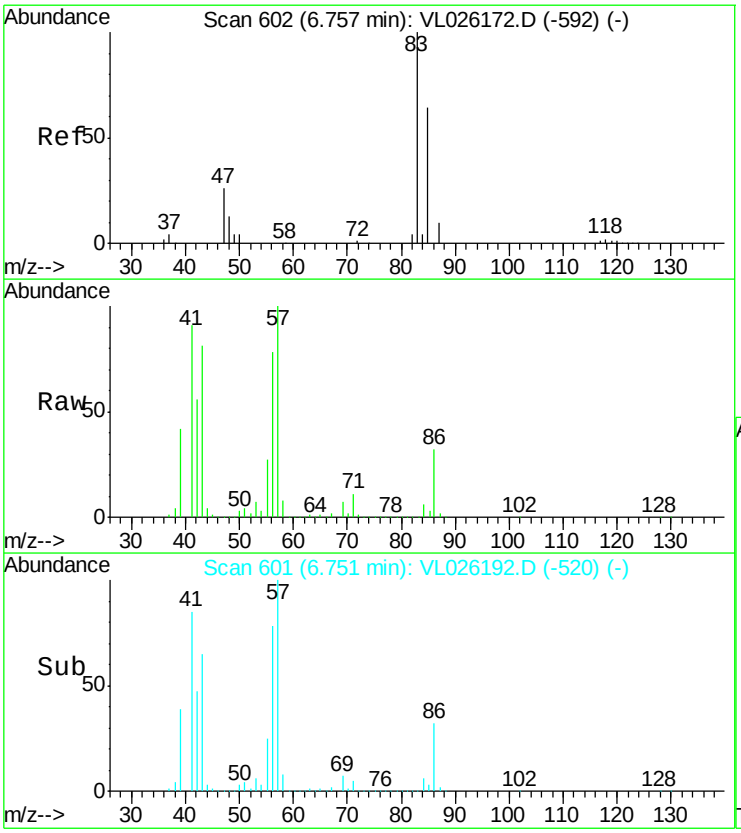
#28
Methyl tert-Butyl Ether
Concen: 2.32 ppbv
RT: 5.98 min Scan# 474
Delta R.T. 0.02 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 73 Resp: 138339

Ion	Ratio	Lower	Upper
73	100		
57	0.0	17.8	26.6#

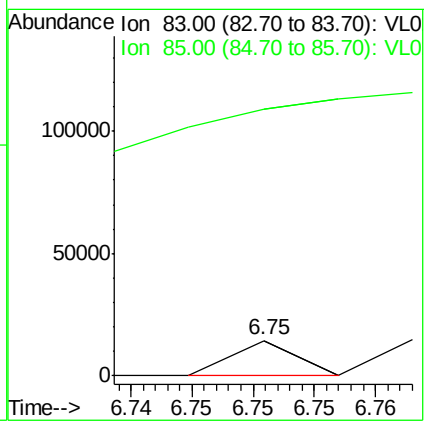


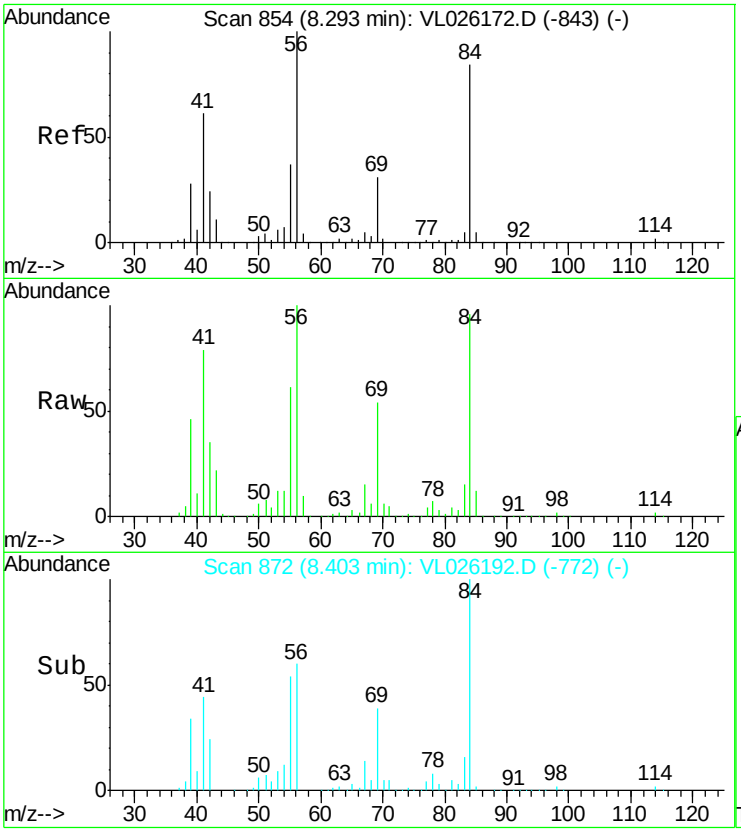


#29
Chloroform
Concen: 0.10 ppbv
RT: 6.75 min Scan# 601
Delta R.T. -0.01 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Tgt Ion: 83 Resp: 5286

Ion	Ratio	Lower	Upper
83	100		
85	52.1	51.5	77.3



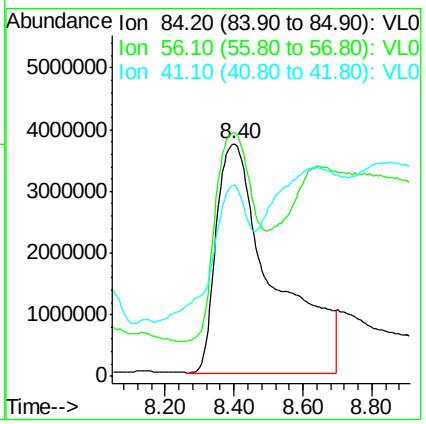


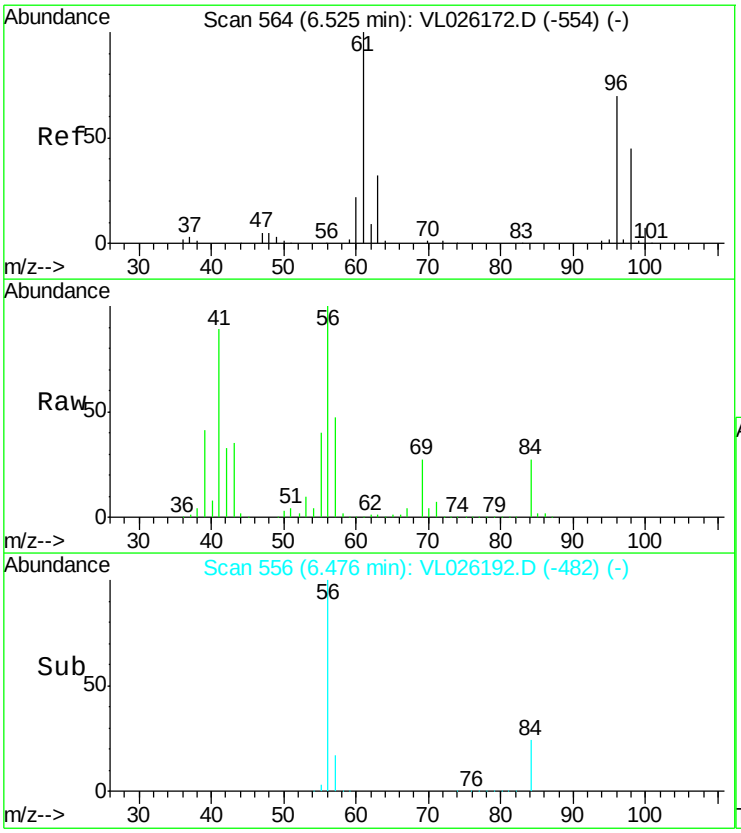
#30
Cyclohexane
Concen: 1208.28 ppbv
RT: 8.40 min Scan# 872
Delta R.T. 0.11 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp:42492831

Ion	Ratio	Lower	Upper
84	100		
56	62.4	99.8	149.8#
41	36.5	58.1	87.1#

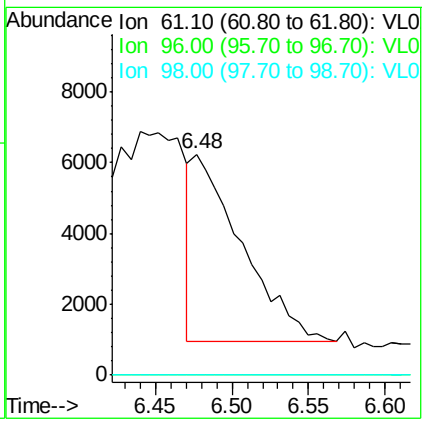


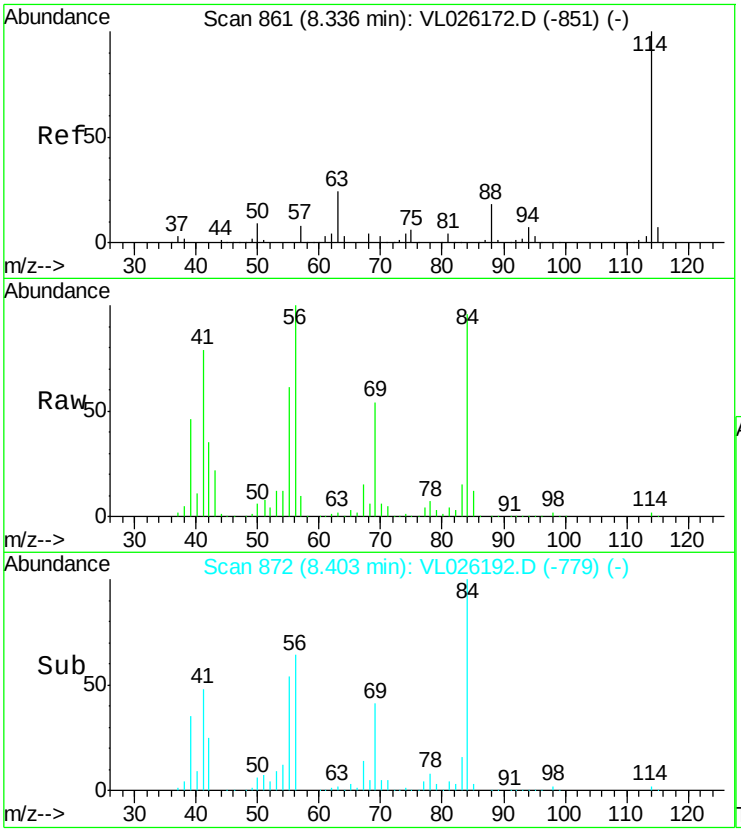


#31
cis-1,2-Dichloroethene
Concen: 0.35 ppbv
RT: 6.48 min Scan# 556
Delta R.T. -0.05 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Tgt Ion: 61 Resp: 11726

Ion	Ratio	Lower	Upper
61	100		
96	0.0	55.8	83.8#
98	0.0	35.8	53.6#



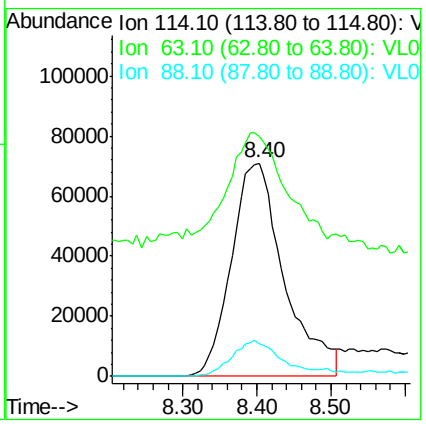


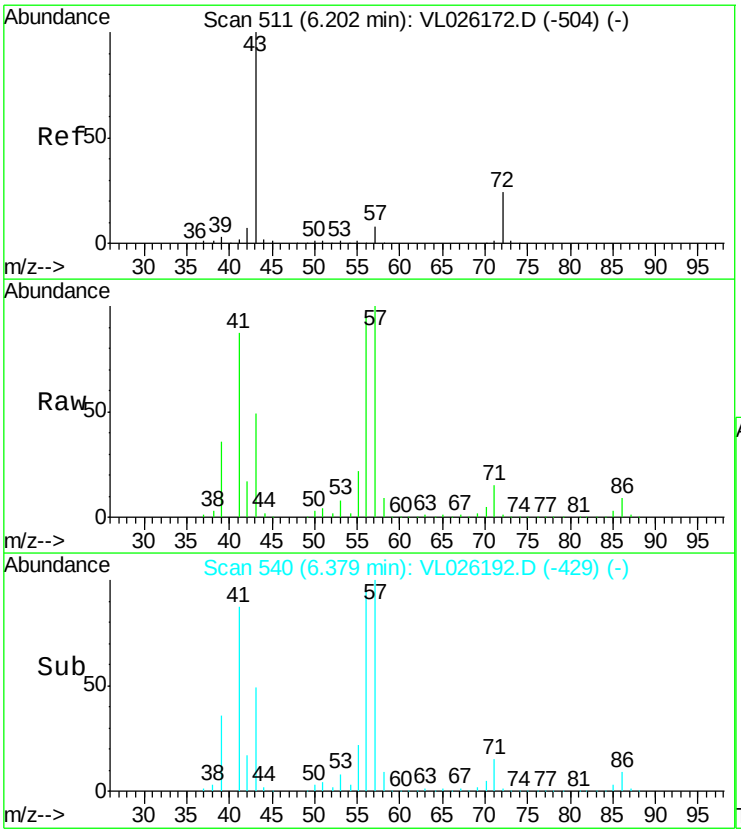
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.40 min Scan# 872
Delta R.T. 0.07 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 352633

Ion	Ratio	Lower	Upper
114	100		
63	169.7	19.0	28.6#
88	17.2	13.8	20.8

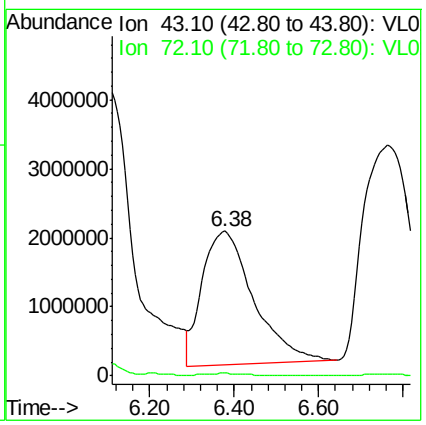


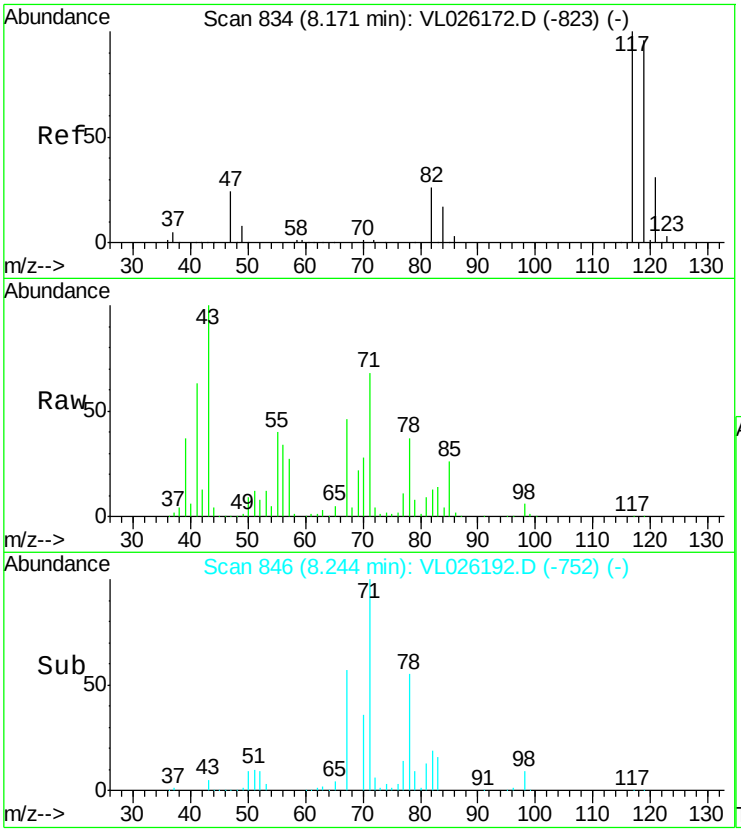


#34
2-Butanone
Concen: 833.26 ppbv
RT: 6.38 min Scan# 540
Delta R.T. 0.18 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Tgt Ion: 43 Resp:16355373

Ion	Ratio	Lower	Upper
43	100		
72	1.6	19.6	29.4#



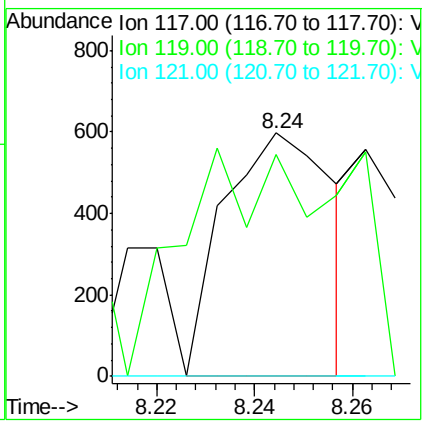


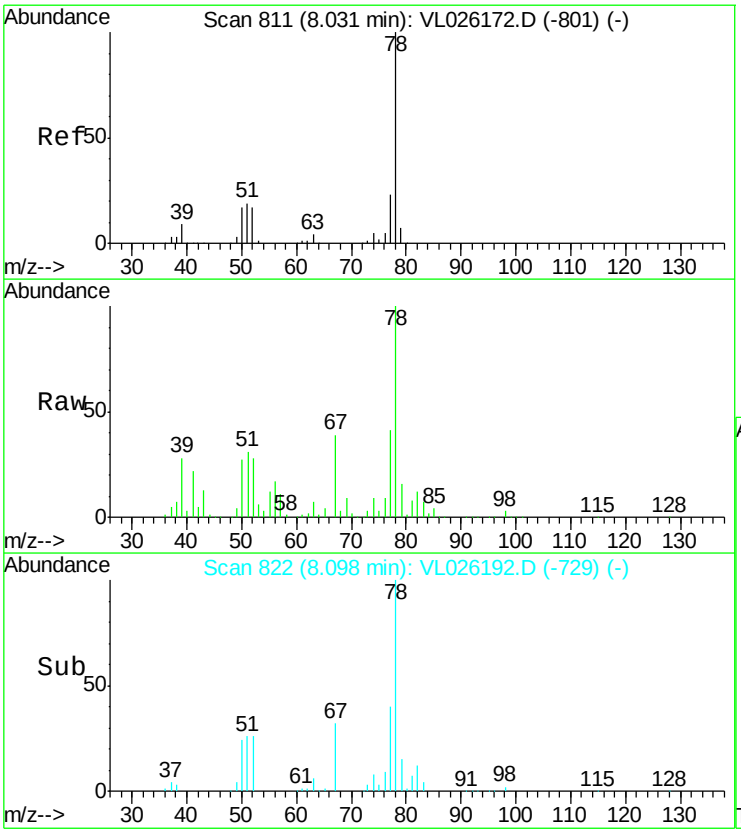
#35
Carbon Tetrachloride
Concen: 0.04 ppbv
RT: 8.24 min Scan# 846
Delta R.T. 0.07 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 924

Ion	Ratio	Lower	Upper
117	100		
119	37.3	76.6	115.0#
121	0.0	25.0	37.4#

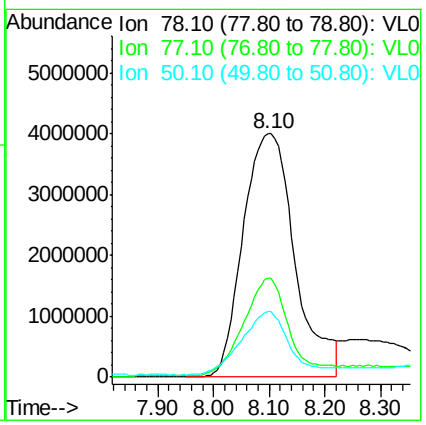


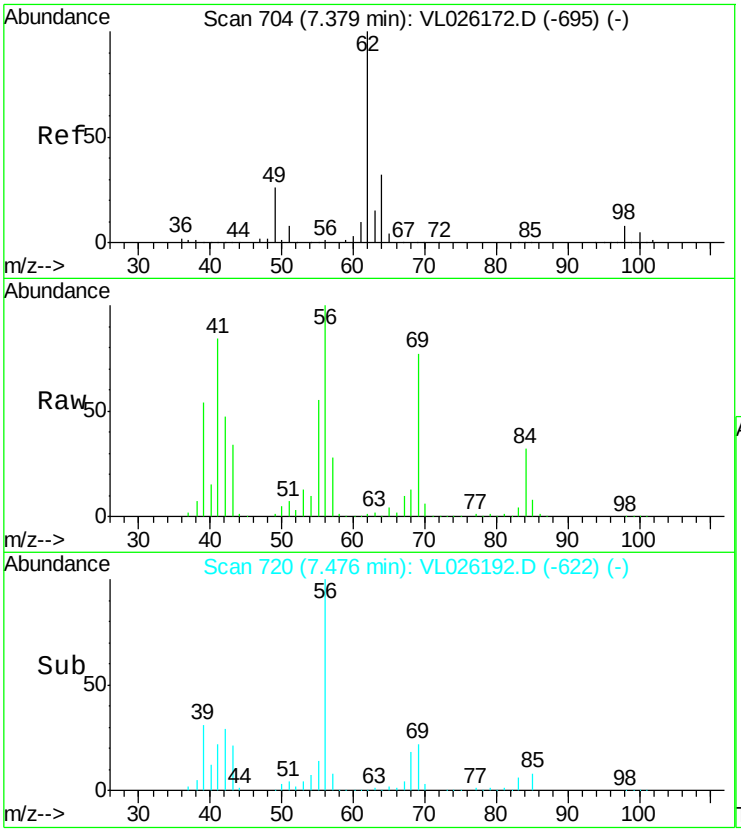


#36
Benzene
Concen: 765.39 ppbv
RT: 8.10 min Scan# 822
Delta R.T. 0.07 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Tgt Ion: 78 Resp:25813757

Ion	Ratio	Lower	Upper
78	100		
77	40.0	18.2	27.4#
50	26.1	13.4	20.2#



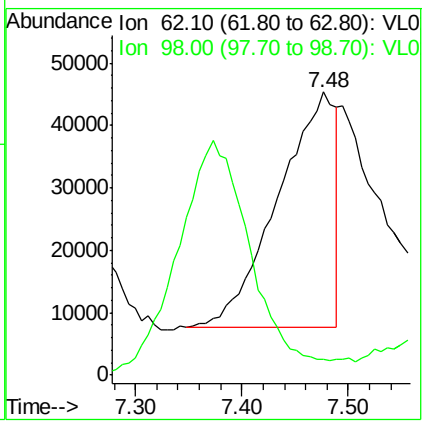


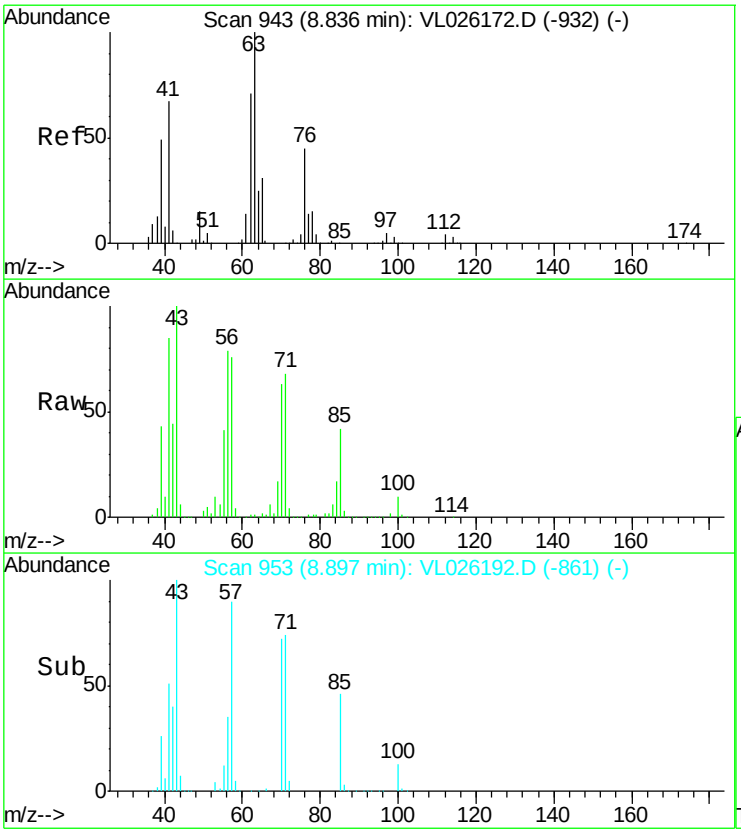
#37
1,2-Dichloroethane
Concen: 7.85 ppbv
RT: 7.48 min Scan# 720
Delta R.T. 0.10 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 62 Resp: 141793

Ion	Ratio	Lower	Upper
62	100		
98	126.9	6.2	9.2#

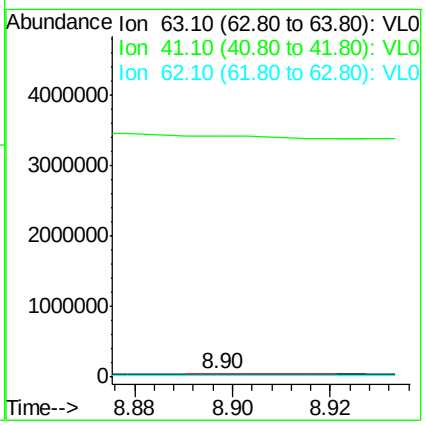


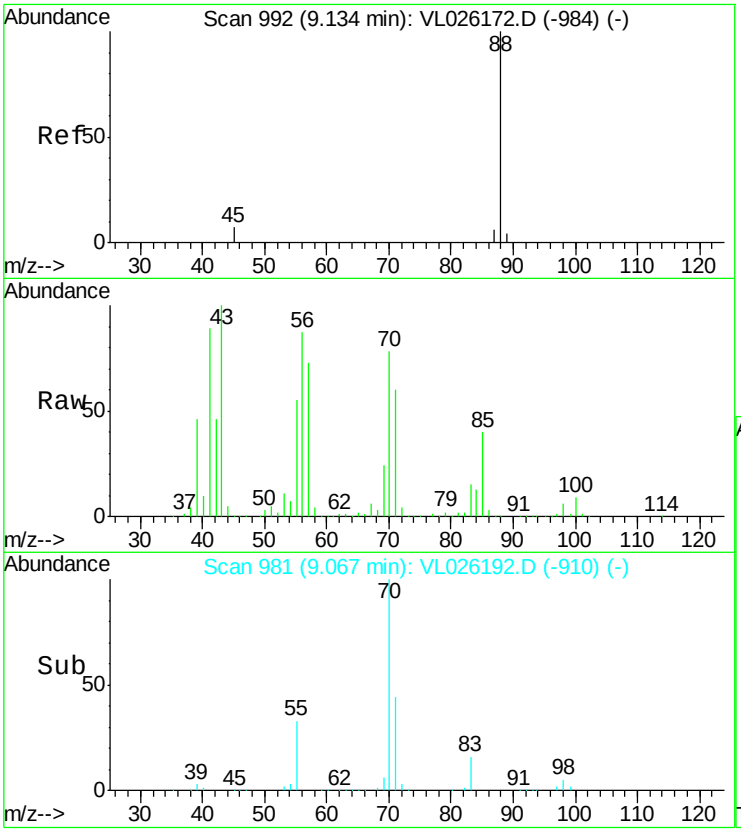


#39
1,2-Dichloropropane
Concen: 0.44 ppbv
RT: 8.90 min Scan# 953
Delta R.T. 0.06 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Tgt Ion: 63 Resp: 5563

Ion	Ratio	Lower	Upper
63	100		
41	753.4	53.9	80.9#
62	35.6	57.1	85.7#



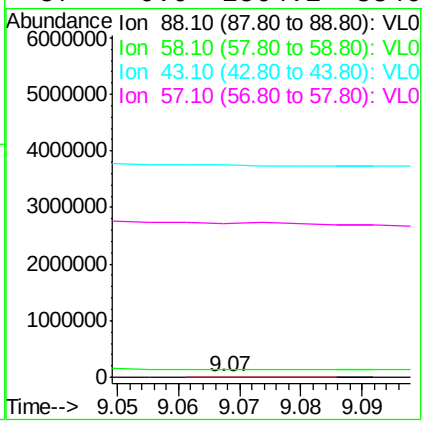


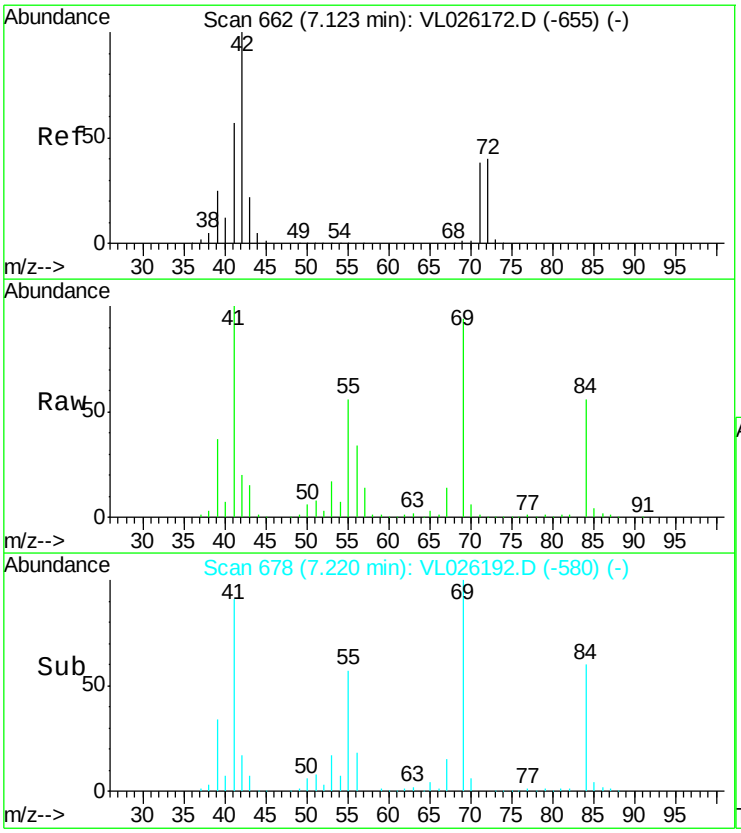
#40
1,4-Dioxane
Concen: 0.16 ppbv
RT: 9.07 min Scan# 981
Delta R.T. -0.07 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 88 Resp: 324

Ion	Ratio	Lower	Upper
88	100		
58	0.0	178.4	267.6#
43	0.0	510.2	765.4#
57	0.0	2564.2	3846.4#

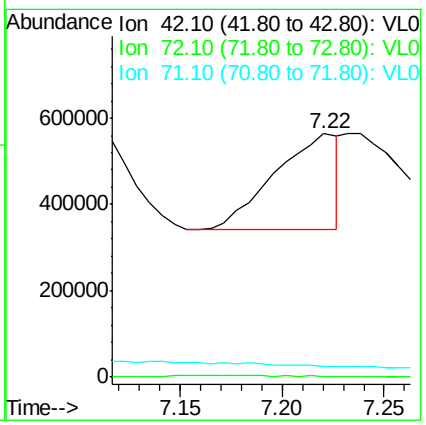


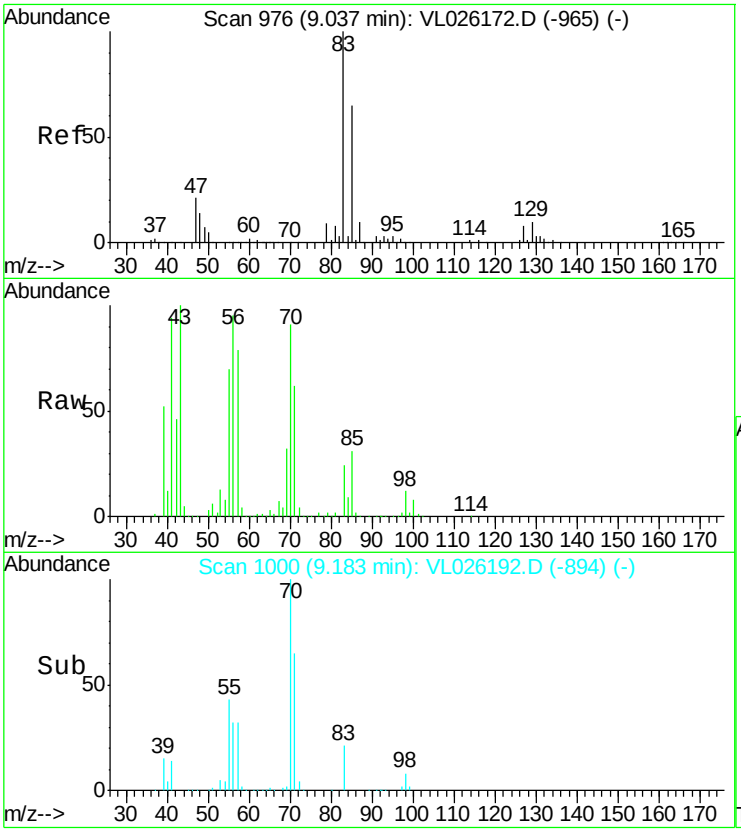


#41
Tetrahydrofuran
Concen: 44.34 ppbv
RT: 7.22 min Scan# 678
Delta R.T. 0.10 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Tgt Ion: 42 Resp: 490228

Ion	Ratio	Lower	Upper
42	100		
72	2.6	32.4	48.6#
71	0.0	30.2	45.4#



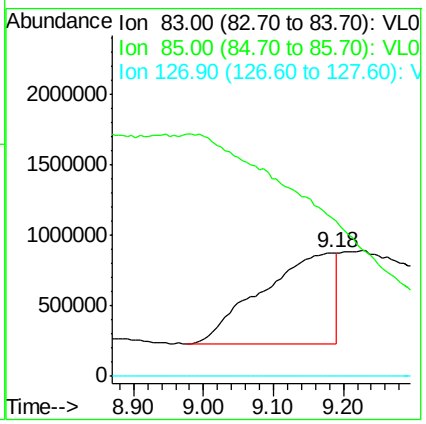


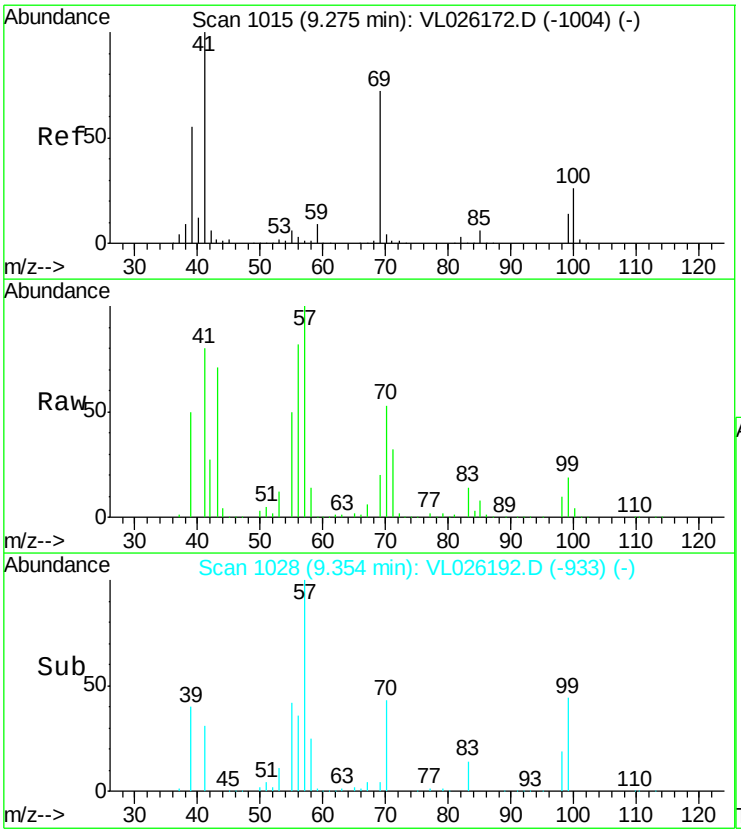
#42
Bromodichloromethane
Concen: 200.12 ppbv
RT: 9.18 min Scan# 1000
Delta R.T. 0.15 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 4758607

Ion	Ratio	Lower	Upper
83	100		
85	4.1	51.9	77.9#
127	0.0	6.2	9.4#

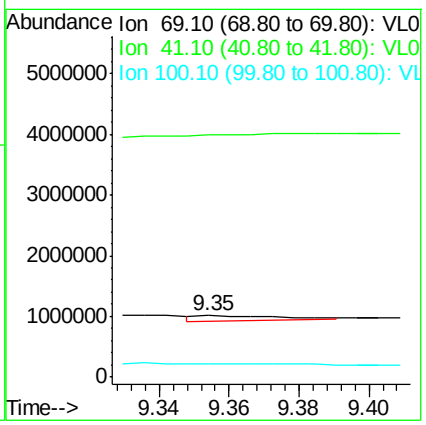


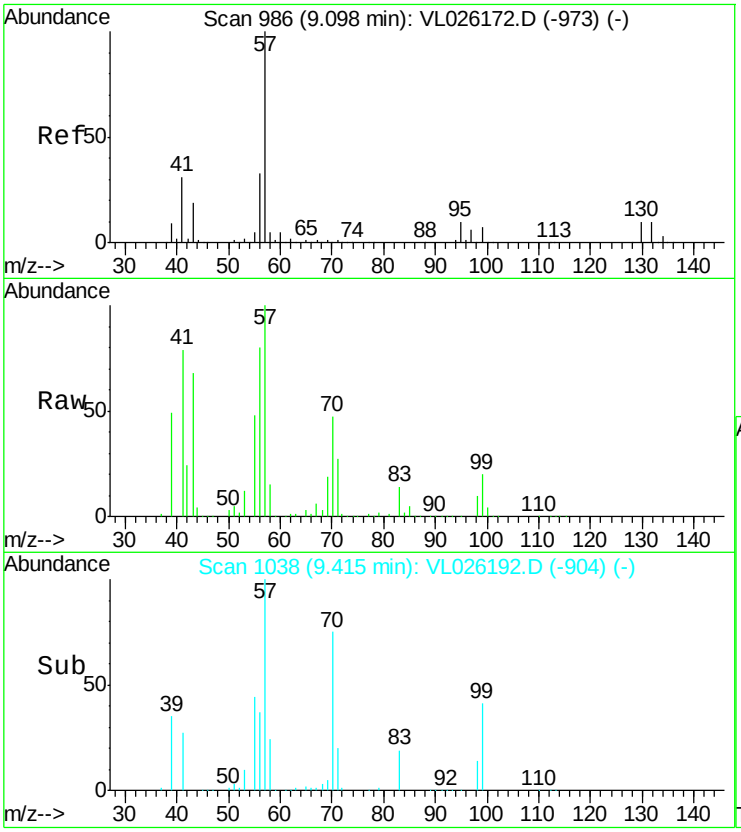


#43
Methyl Methacrylate
Concen: 12.26 ppbv
RT: 9.35 min Scan# 1028
Delta R.T. 0.08 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Tgt Ion: 69 Resp: 145680

Ion	Ratio	Lower	Upper
69	100		
41	8763.4	111.5	167.3#
100	0.0	28.4	42.6#



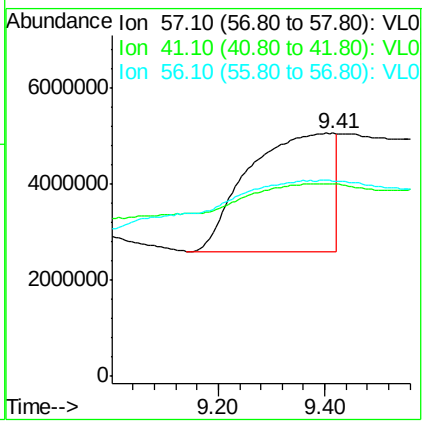


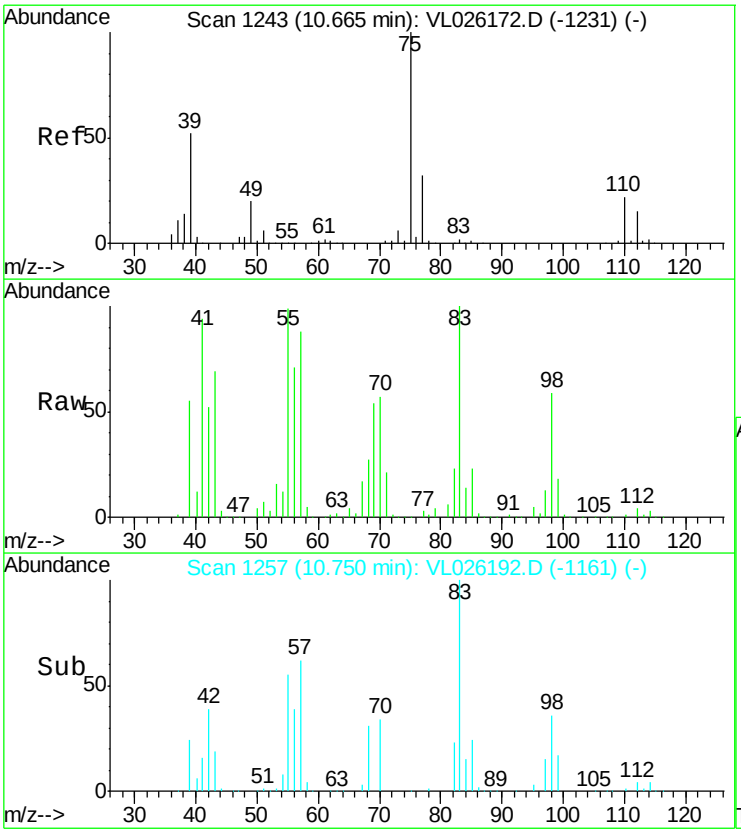
#44
2,2,4-Trimethylpentane
Concen: 489.59 ppbv
RT: 9.41 min Scan# 1038
Delta R.T. 0.32 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp:27455163

Ion	Ratio	Lower	Upper
57	100		
41	46.5	23.7	35.5#
56	0.0	26.4	39.6#

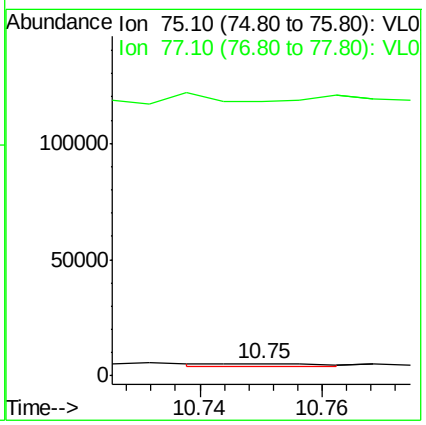


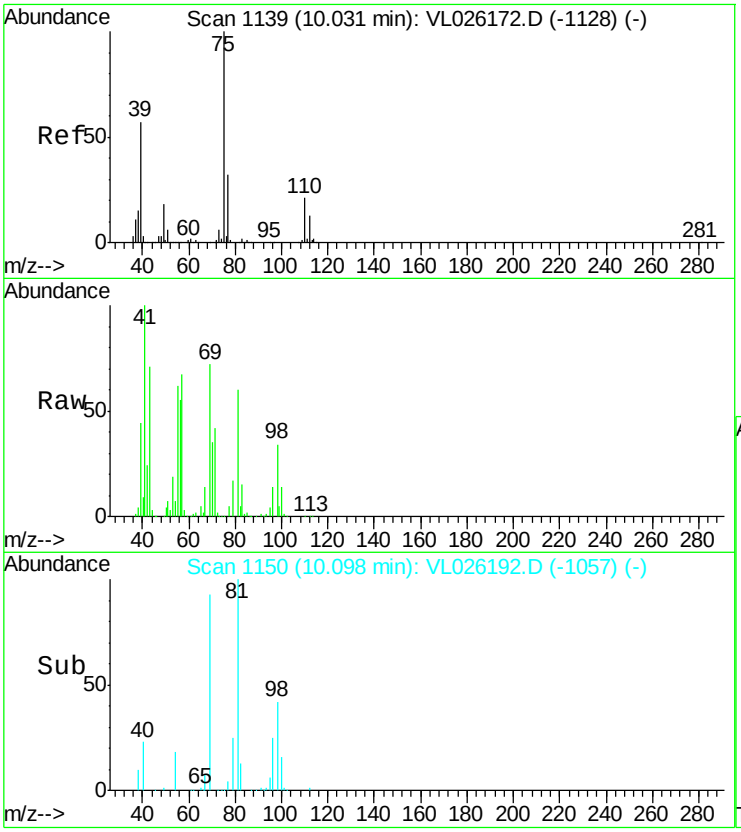


#45
t-1,3-Dichloropropene
Concen: 0.08 ppbv
RT: 10.75 min Scan# 1257
Delta R.T. 0.09 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Tgt Ion: 75 Resp: 1312

Ion	Ratio	Lower	Upper
75	100		
77	2209.6	25.5	38.3#



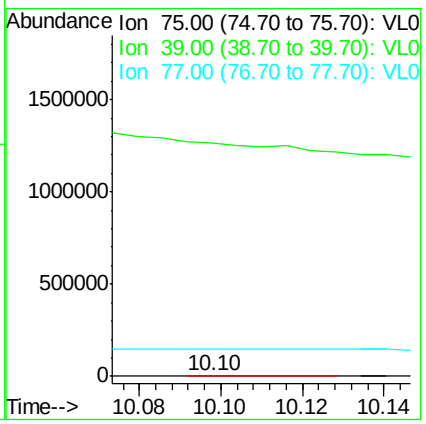


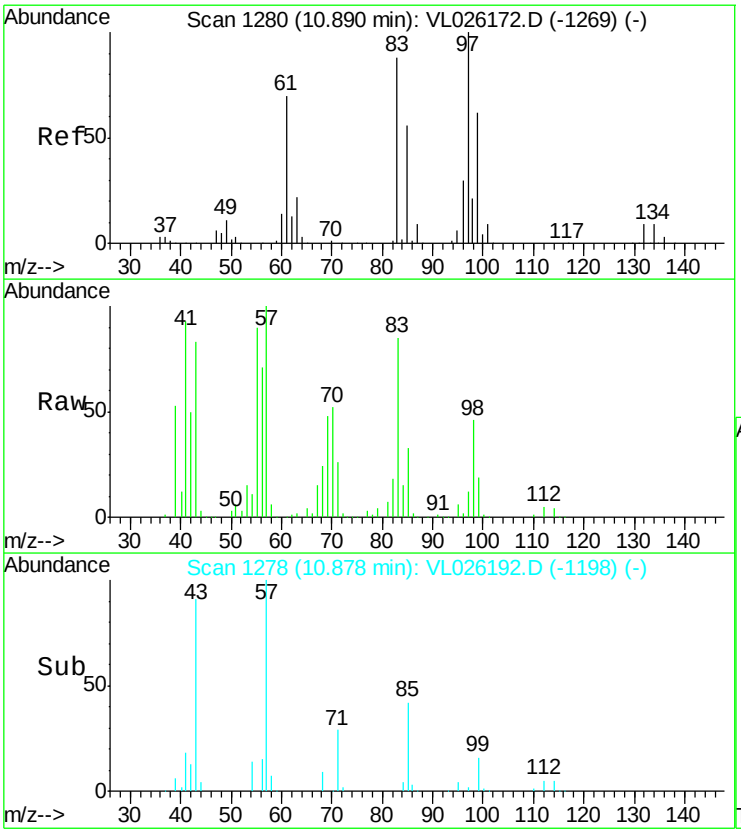
#46
cis-1,3-Dichloropropene
Concen: 0.08 ppbv
RT: 10.10 min Scan# 1150
Delta R.T. 0.07 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 75 Resp: 1516

Ion	Ratio	Lower	Upper
75	100		
39	4388.6	45.4	68.2#
77	177.3	25.4	38.2#

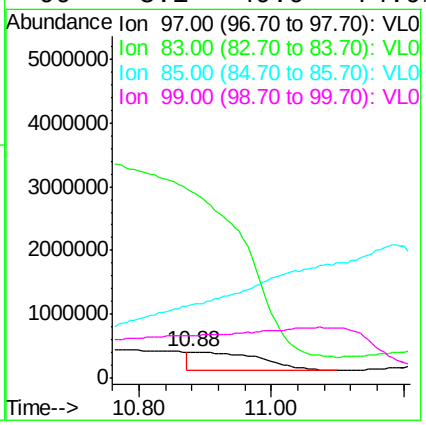


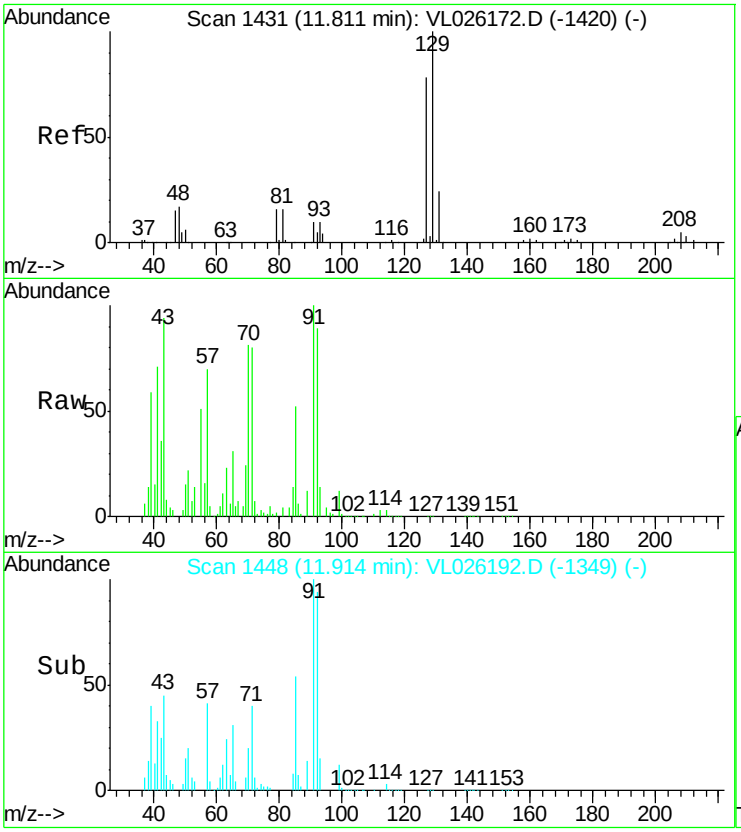


#47
1,1,2-Trichloroethane
Concen: 139.67 ppbv
RT: 10.88 min Scan# 1278
Delta R.T. -0.01 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Tgt Ion: 97 Resp: 2099081

Ion	Ratio	Lower	Upper
97	100		
83	902.3	70.6	106.0#
85	8.9	45.1	67.7#
99	3.1	49.9	74.9#



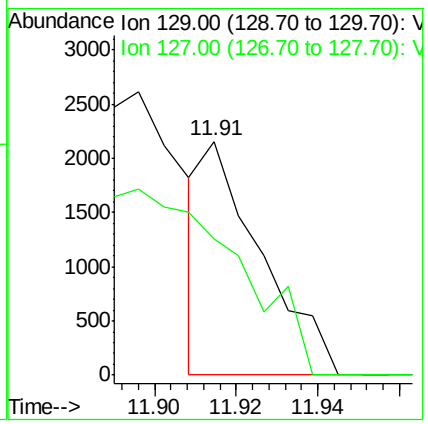


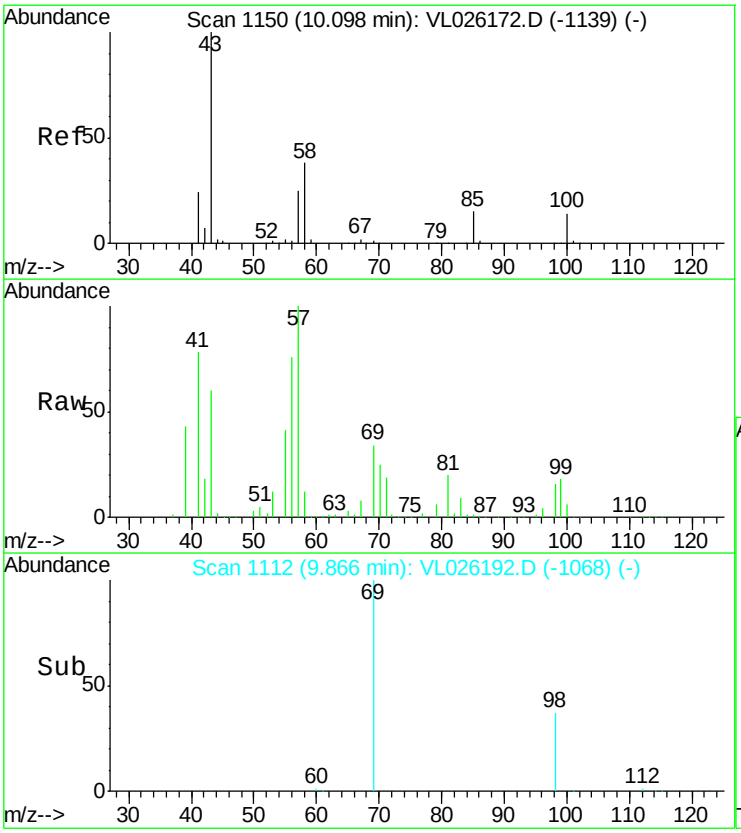
#48
Dibromochloromethane
Concen: 0.10 ppbv
RT: 11.91 min Scan# 1448
Delta R.T. 0.10 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:129 Resp: 2146

Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.0	117.0#

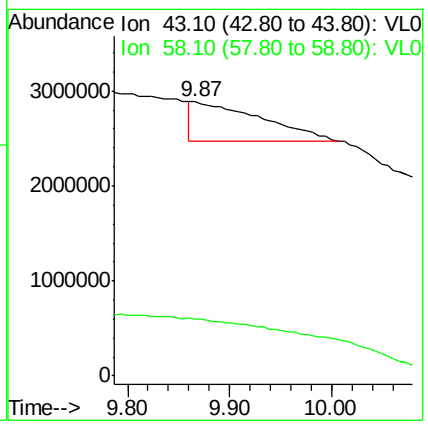


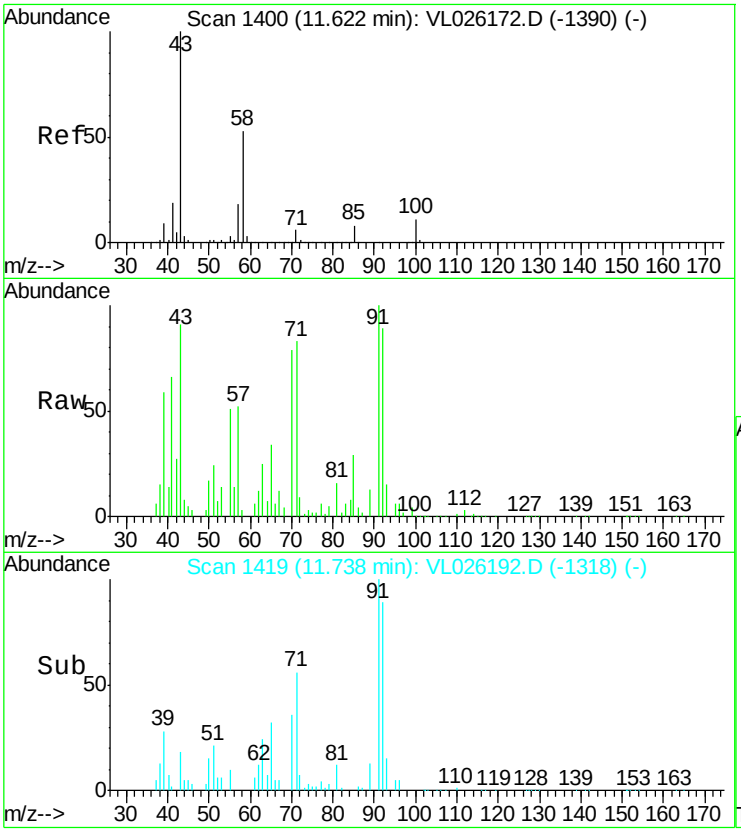


#50
4-Methyl-2-Pentanone
Concen: 73.14 ppbv
RT: 9.87 min Scan# 1112
Delta R.T. -0.23 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Tgt Ion: 43 Resp: 1898324

Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.4	45.6#



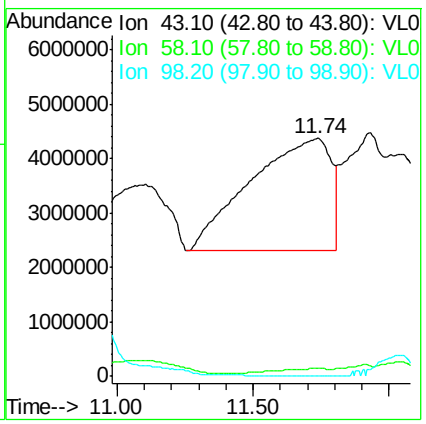


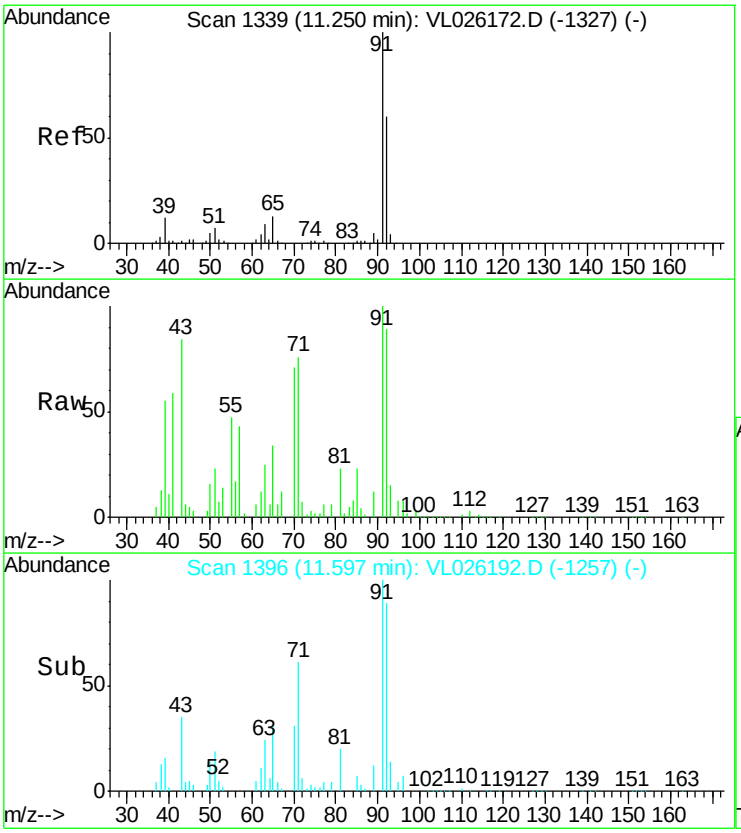
#51
2-Hexanone
Concen: 1824.92 ppbv
RT: 11.74 min Scan# 1419
Delta R.T. 0.12 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp:42583884

Ion	Ratio	Lower	Upper
43	100		
58	2.7	42.2	63.4#
98	0.0	0.2	0.2#

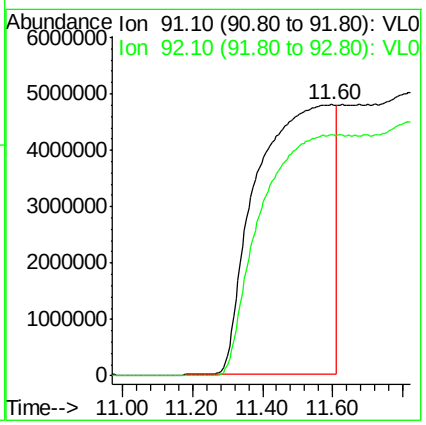


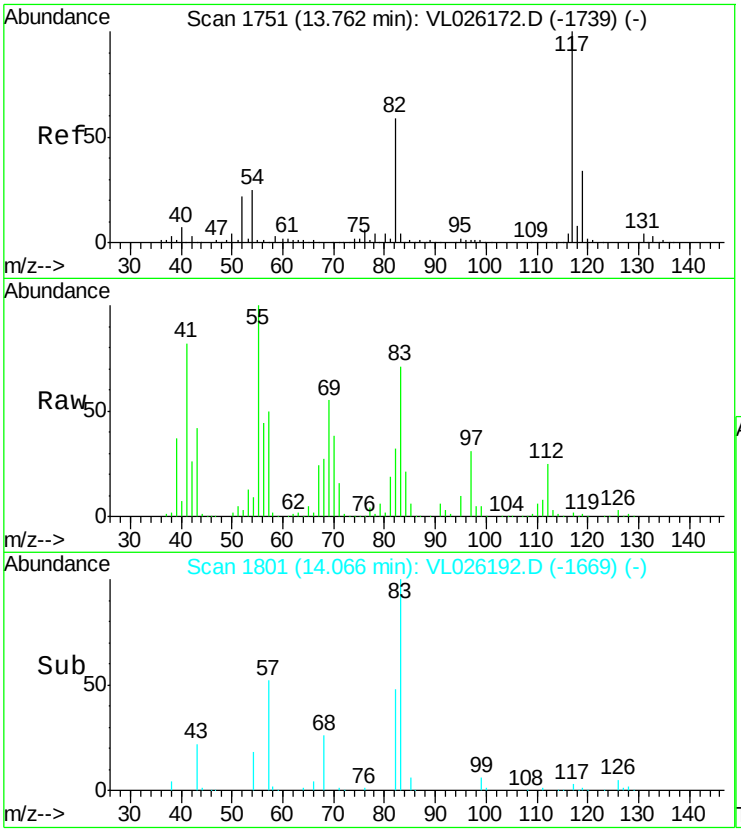


#53
Toluene
Concen: 1664.53 ppbv
RT: 11.60 min Scan# 1396
Delta R.T. 0.35 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Tgt Ion: 91 Resp:72341935

Ion	Ratio	Lower	Upper
91	100		
92	101.2	48.5	72.7#



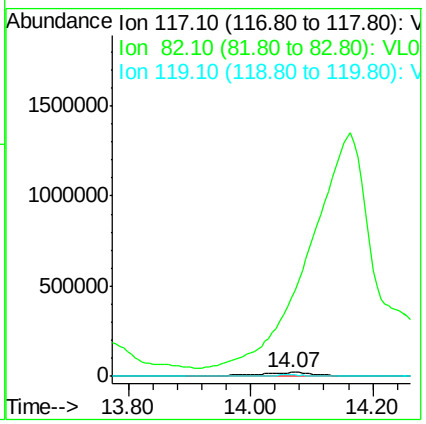


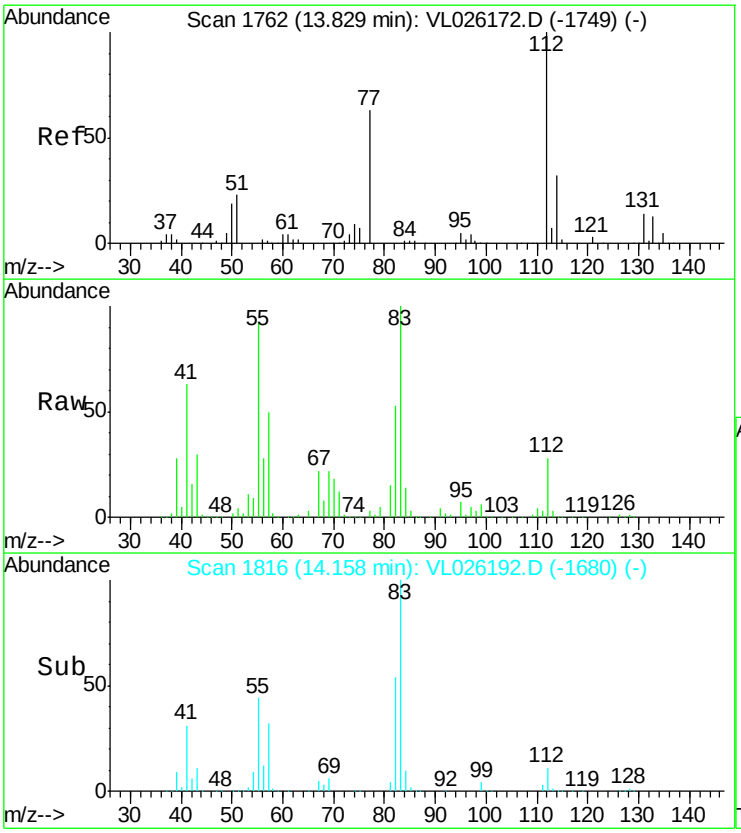
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 14.07 min Scan# 1801
Delta R.T. 0.30 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 145252

Ion	Ratio	Lower	Upper
117	100		
82	0.0	47.7	71.5#
119	34.9	43.7	65.5#

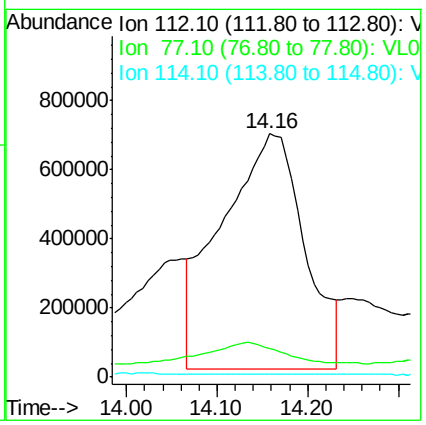


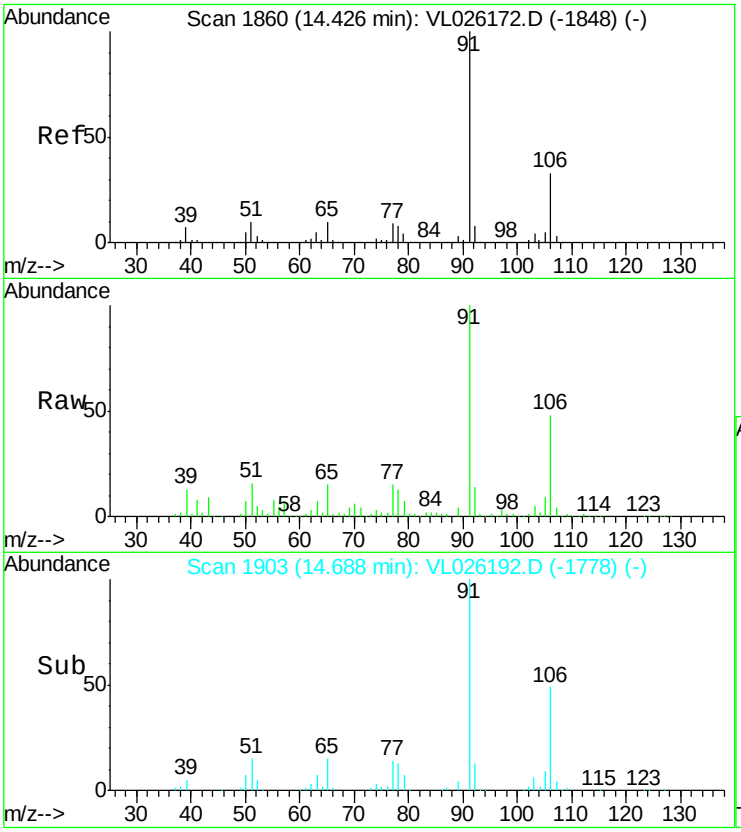


#57
Chlorobenzene
Concen: 331.33 ppbv
RT: 14.16 min Scan# 1816
Delta R.T. 0.33 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Tgt Ion:112 Resp: 4343727

Ion	Ratio	Lower	Upper
112	100		
77	8.6	51.0	76.4#
114	0.2	29.0	35.4#



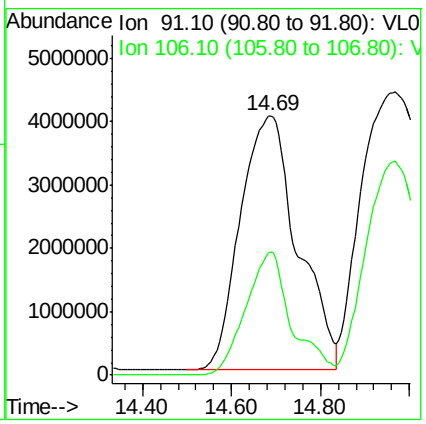


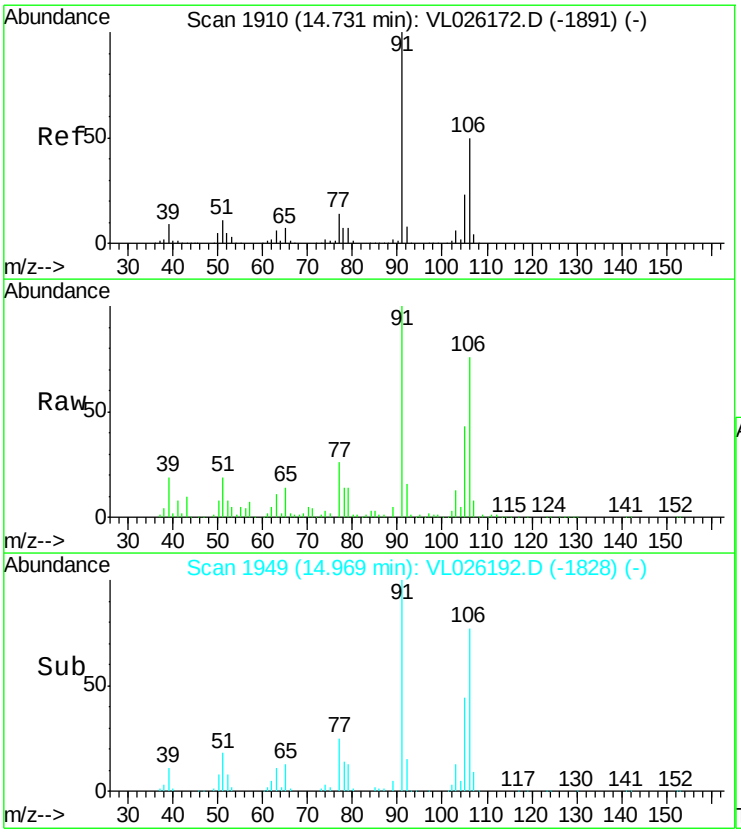
#58
Ethyl Benzene
Concen: 1696.32 ppbv
RT: 14.69 min Scan# 1903
Delta R.T. 0.26 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp:35789533

Ion	Ratio	Lower	Upper
91	100		
106	48.8	26.1	39.1#

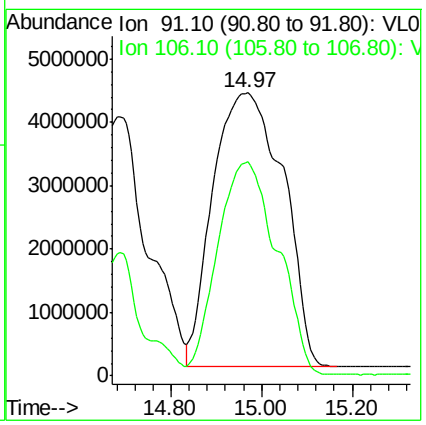


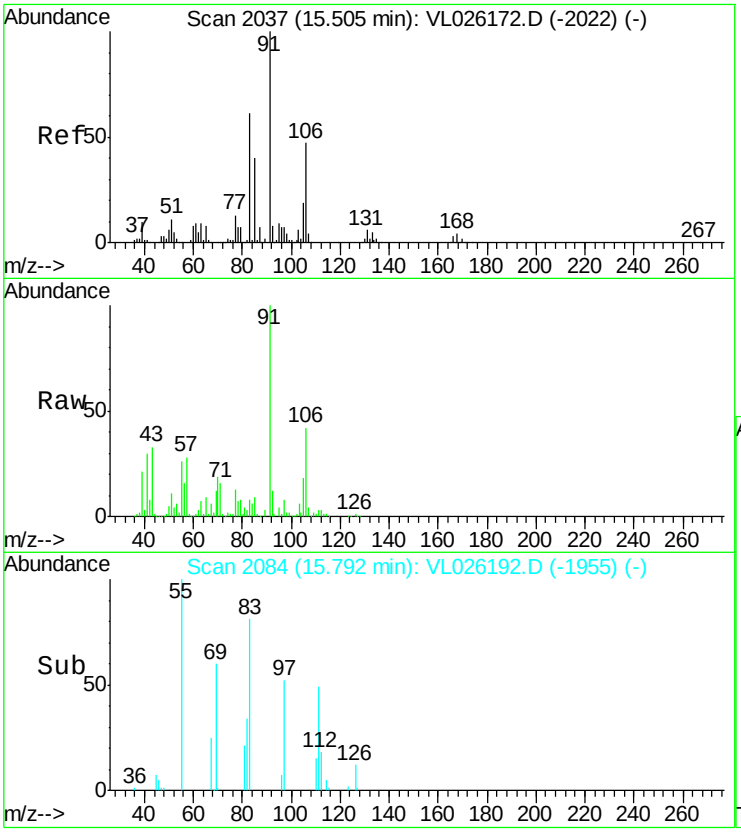


#59
m/p-Xylene
Concen: 2742.51 ppbv
RT: 14.97 min Scan# 1949
Delta R.T. 0.24 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Tgt Ion: 91 Resp:46435027

Ion	Ratio	Lower	Upper
91	100		
106	66.4	40.2	60.4#



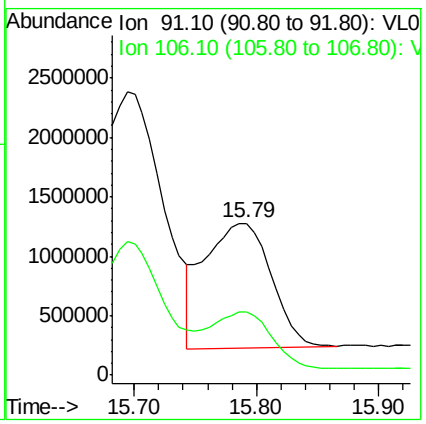


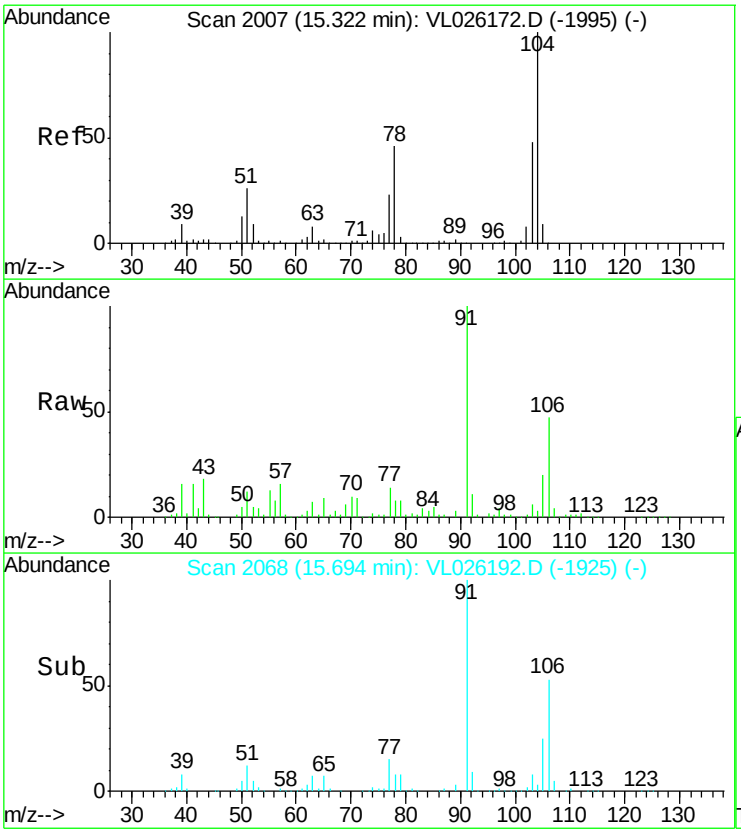
#60
o-Xylene
Concen: 222.80 ppbv
RT: 15.79 min Scan# 2084
Delta R.T. 0.29 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 3953213

Ion	Ratio	Lower	Upper
91	100		
106	36.7	23.4	70.3

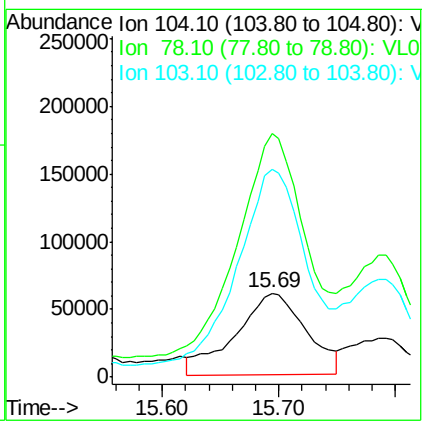


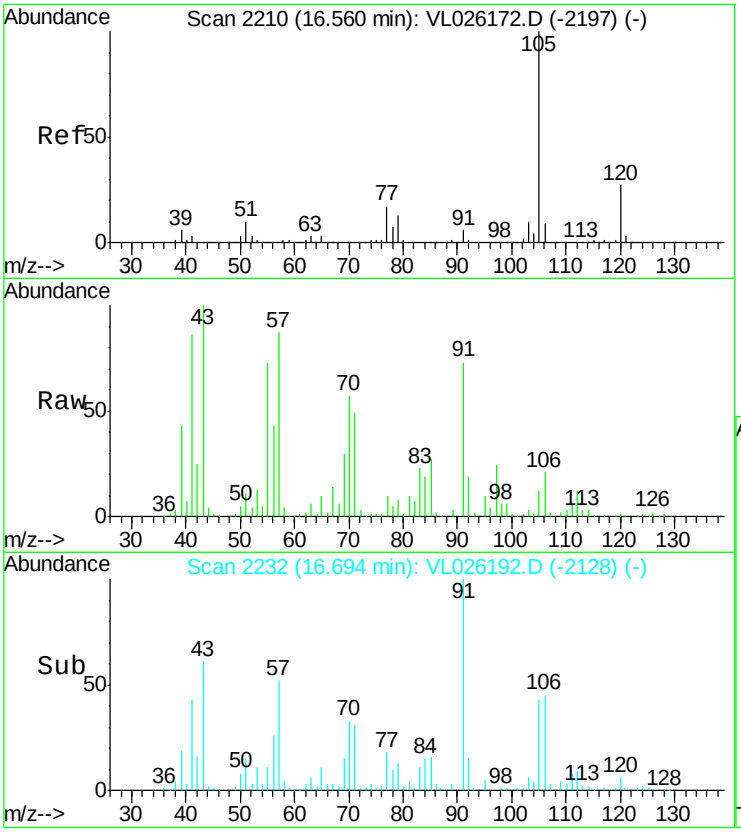


#61
Styrene
Concen: 34.94 ppbv
RT: 15.69 min Scan# 2068
Delta R.T. 0.37 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Tgt Ion:104 Resp: 253611

Ion	Ratio	Lower	Upper
104	100		
78	289.0	36.1	54.1#
103	253.4	37.5	56.3#



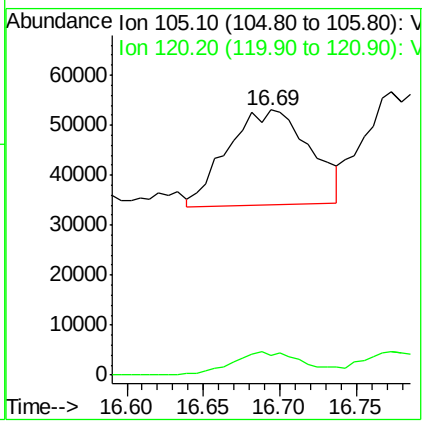


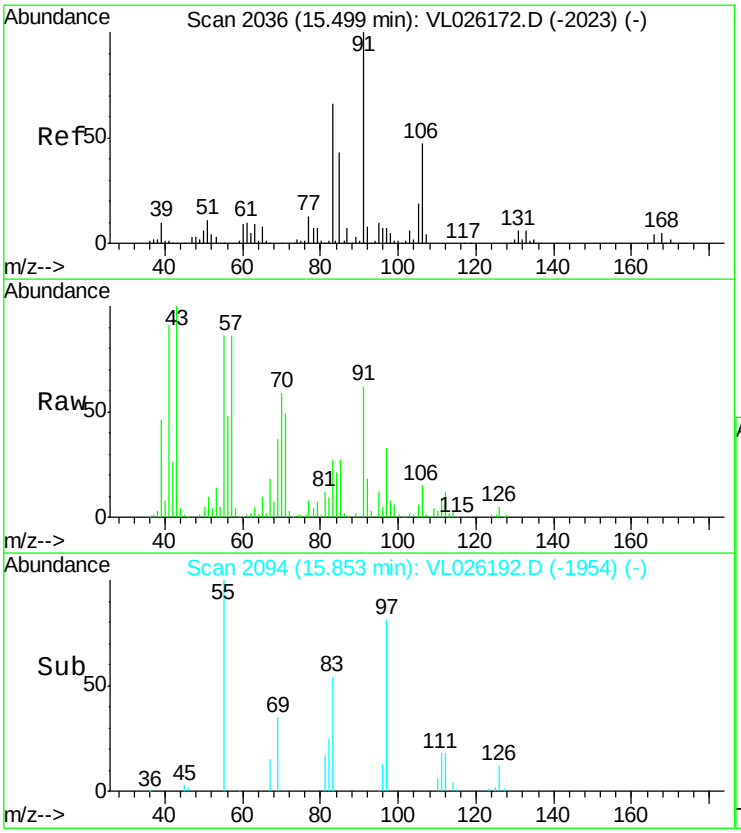
#62
Isopropylbenzene
Concen: 3.06 ppbv
RT: 16.69 min Scan# 2232
Delta R.T. 0.13 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 71590

Ion	Ratio	Lower	Upper
105	100		
120	22.3	21.8	32.6

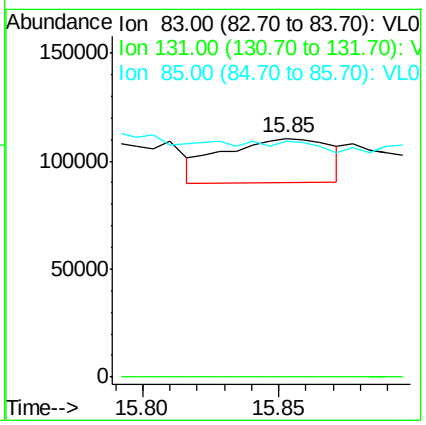


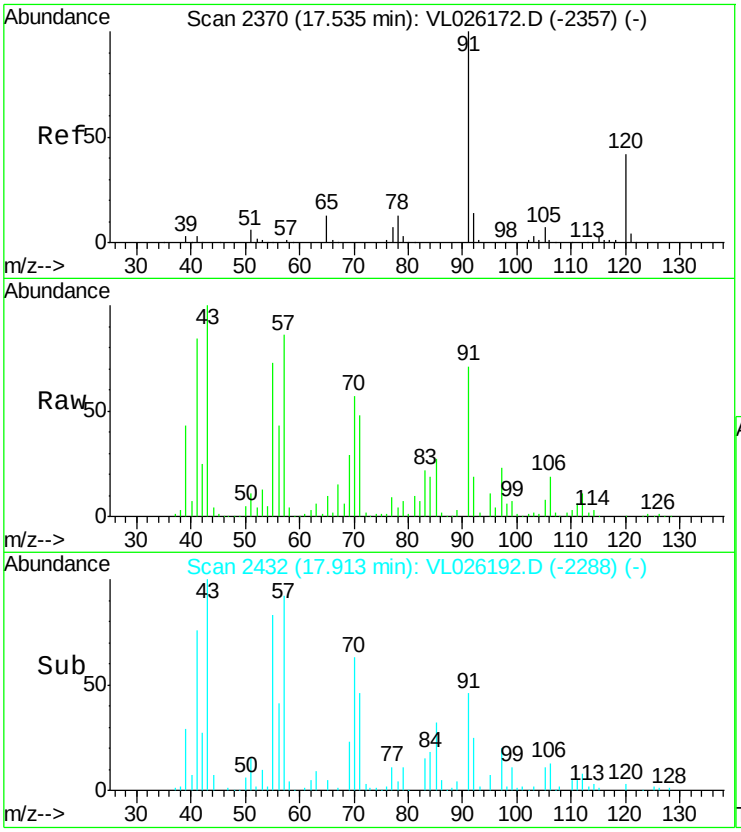


#63
1,1,2,2-Tetrachloroethane
Concen: 4.26 ppbv
RT: 15.85 min Scan# 2094
Delta R.T. 0.35 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Tgt Ion: 83 Resp: 56207

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.5	13.7#
85	0.0	32.6	97.7#



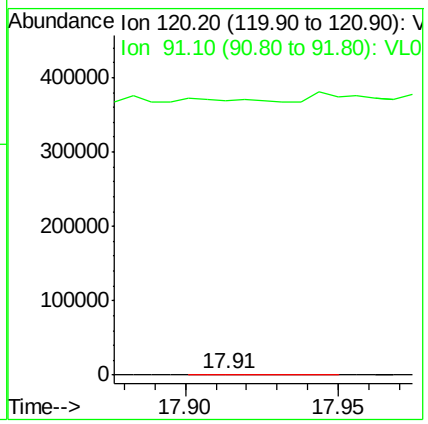


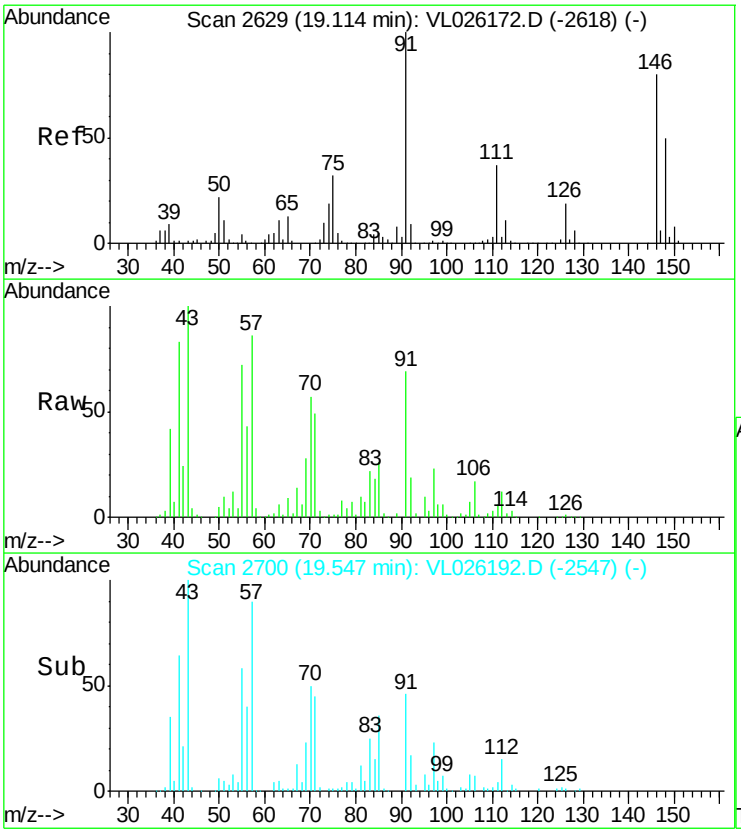
#64
n-propylbenzene
Concen: 0.37 ppbv
RT: 17.91 min Scan# 2432
Delta R.T. 0.38 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:120 Resp: 2331

Ion	Ratio	Lower	Upper
120	100		
91	0.0	353.4	530.2#

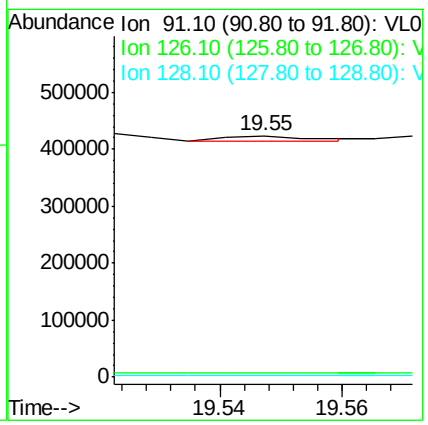


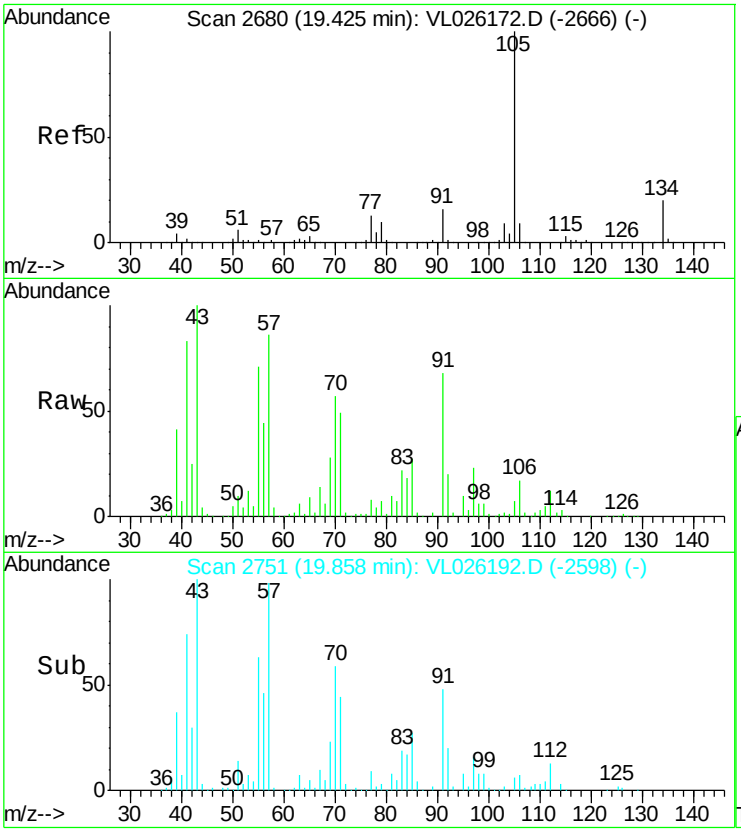


#66
Benzyl Chloride
Concen: 1.30 ppbv
RT: 19.55 min Scan# 2700
Delta R.T. 0.43 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Tgt Ion: 91 Resp: 7959

Ion	Ratio	Lower	Upper
91	100		
126	0.0	15.2	22.8#
128	0.0	4.8	7.2#



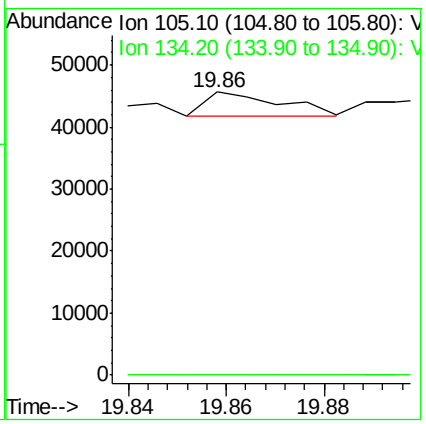


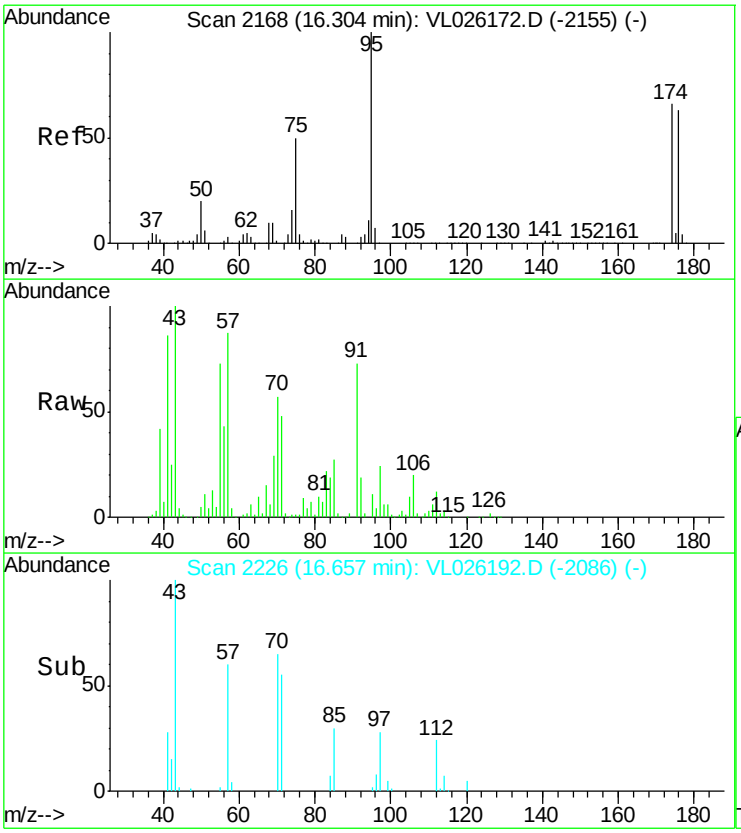
#67
sec-Butylbenzene
Concen: 0.14 ppbv
RT: 19.86 min Scan# 2751
Delta R.T. 0.43 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 4144

Ion	Ratio	Lower	Upper
105	100		
134	0.0	15.9	23.9#

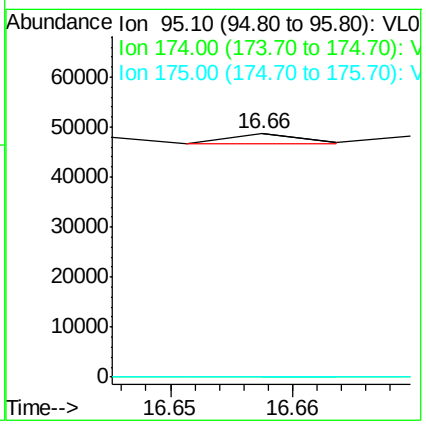


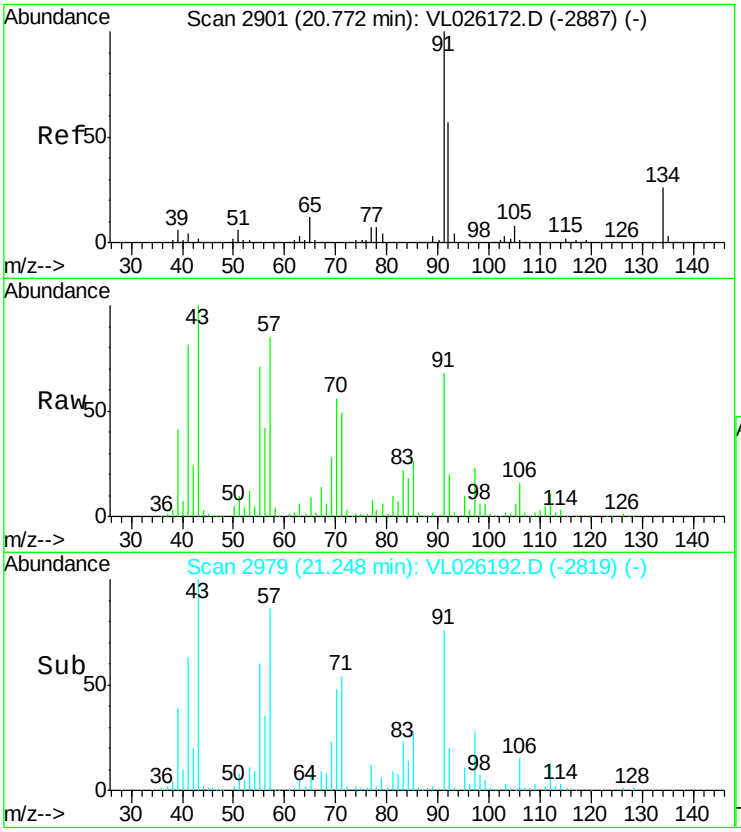


#68
1-Bromo-4-Fluorobenzene
Concen: 0.08 ppbv
RT: 16.66 min Scan# 2226
Delta R.T. 0.35 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Tgt Ion: 95 Resp: 899

Ion	Ratio	Lower	Upper
95	100		
174	0.0	52.2	78.4#
175	0.0	3.9	5.9#



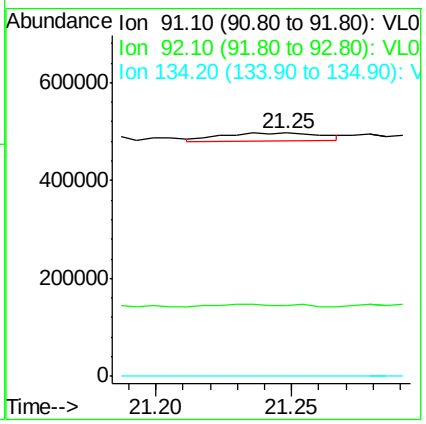


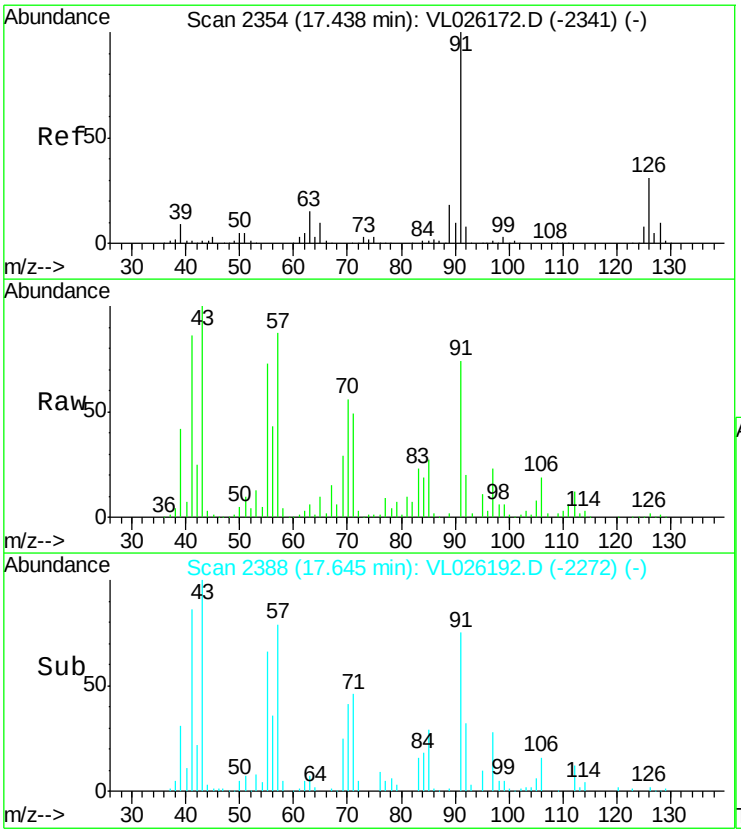
#70
n-Butylbenzene
Concen: 1.76 ppbv
RT: 21.25 min Scan# 2979
Delta R.T. 0.48 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 38873

Ion	Ratio	Lower	Upper
91	100		
92	35.4	45.0	67.6#
134	0.0	19.8	29.8#

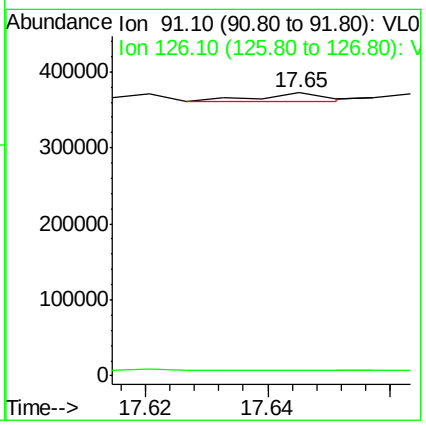


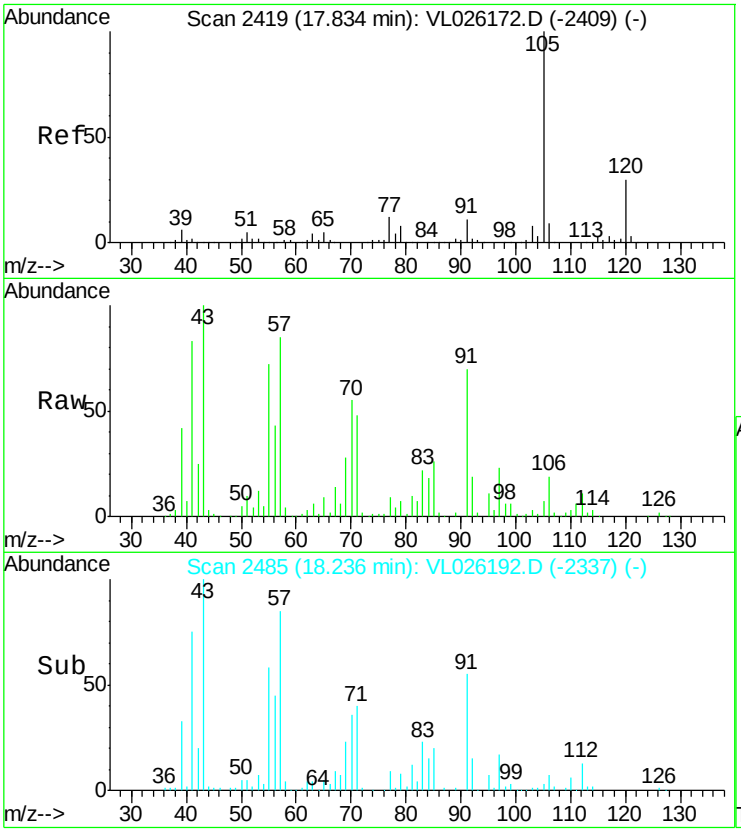


#71
2-Chlorotoluene
Concen: 0.50 ppbv
RT: 17.65 min Scan# 2388
Delta R.T. 0.21 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Tgt Ion: 91 Resp: 8510

Ion	Ratio	Lower	Upper
91	100		
126	36.1	12.8	51.2



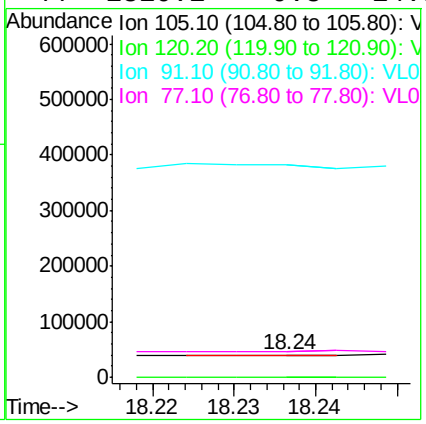


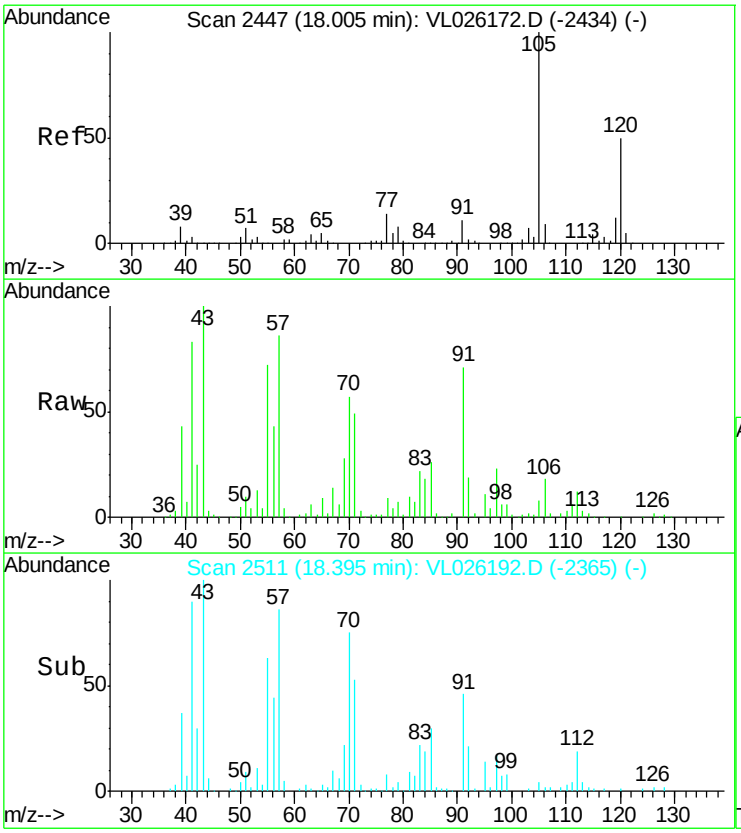
#72
4-Ethyltoluene
Concen: 0.04 ppbv
RT: 18.24 min Scan# 2485
Delta R.T. 0.40 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 734

Ion	Ratio	Lower	Upper
105	100		
120	0.0	24.7	37.1#
91	3080.0	9.2	13.8#
77	1310.1	9.8	14.8#

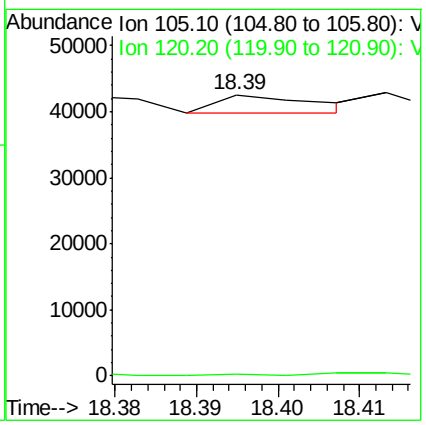


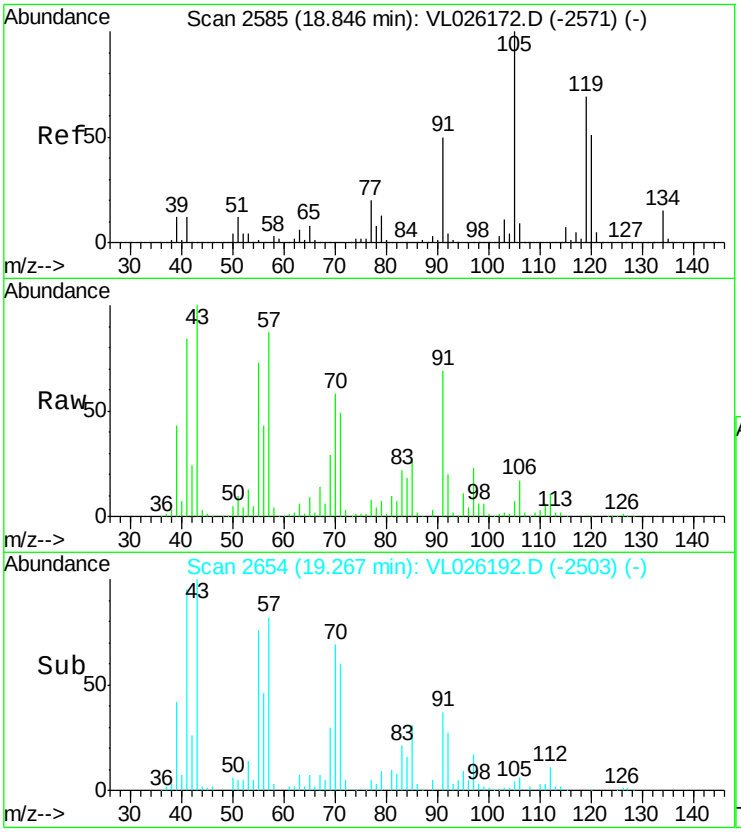


#73
1,3,5-Trimethylbenzene
Concen: 0.13 ppbv
RT: 18.39 min Scan# 2511
Delta R.T. 0.39 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Tgt Ion:105 Resp: 2260

Ion	Ratio	Lower	Upper
105	100		
120	11.8	40.1	60.1#



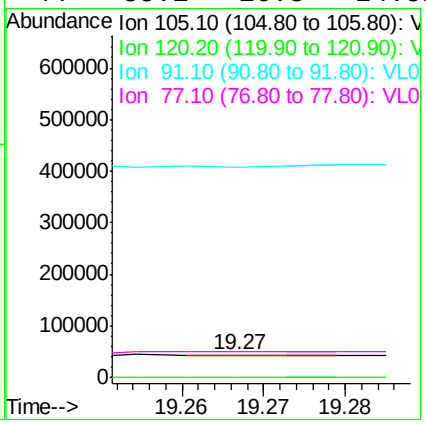


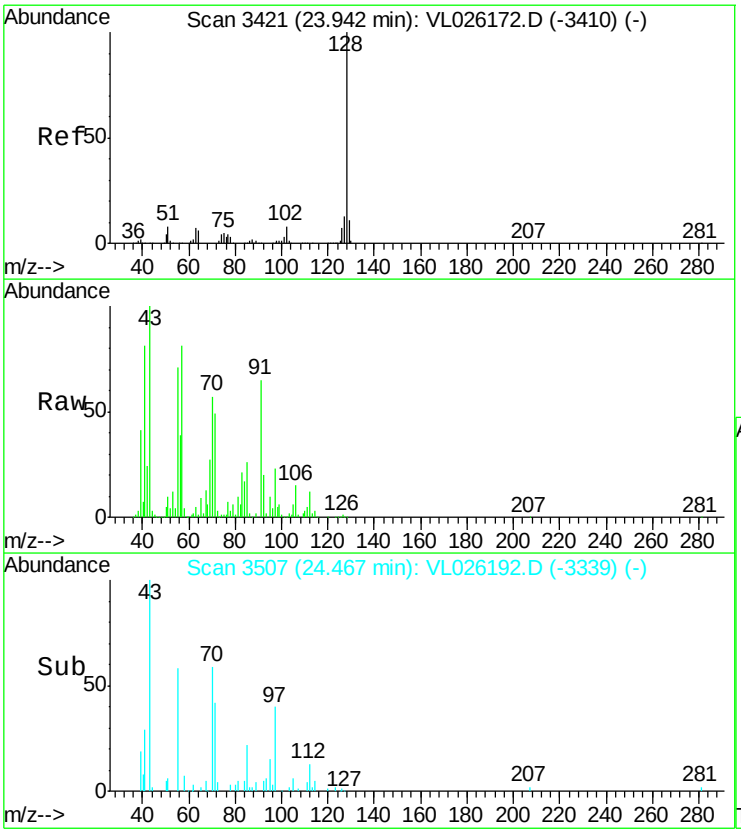
#74
1,2,4-Trimethylbenzene
Concen: 0.07 ppbv
RT: 19.27 min Scan# 2654
Delta R.T. 0.42 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 1270

Ion	Ratio	Lower	Upper
105	100		
120	19.3	41.1	61.7#
91	0.0	39.8	59.6#
77	35.1	16.3	24.5#

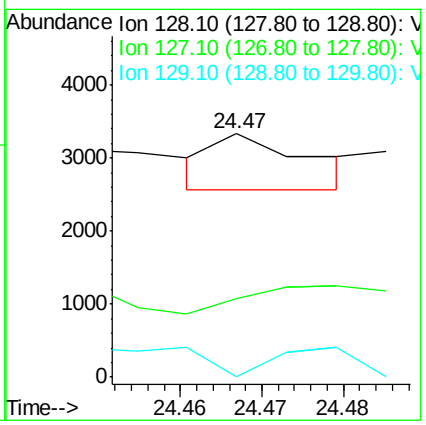


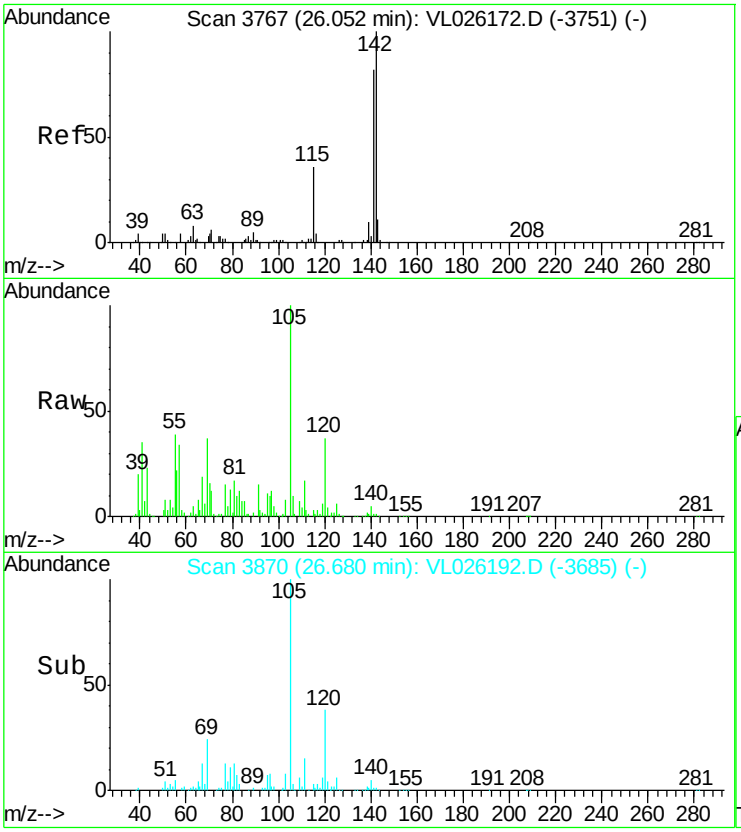


#79
Naphthalene
Concen: 0.05 ppbv
RT: 24.47 min Scan# 3507
Delta R.T. 0.52 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Tgt Ion:128 Resp: 621

Ion	Ratio	Lower	Upper
128	100		
127	61.8	10.2	15.2#
129	0.0	8.7	13.1#





#80
Naphthalene,2-methyl-
Concen: 12.80 ppbv
RT: 26.68 min Scan# 3870
Delta R.T. 0.63 min
Lab File: VL026192.D
Acq: 10 Oct 2015 1:36

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:142 Resp: 33654

Ion	Ratio	Lower	Upper
142	100		
141	0.0	66.6	99.8#
115	1274.4	28.4	42.6#