Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL100915\
Data File : VL026190.D
Acq On : 10 Oct 2015 00:14
Operator : SY/MD
Sample : G3973-03DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Oct 10 02:10:59 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	6.71	49	226534	10.00	ppbv		0.05
33) 1,4-Difluorobenzene	8.49	114	333646	10.00	ppbv		0.16
55) Chlorobenzene-d5	14.01	117	1005482	10.00	ppbv		0.25
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	16.63	95	125930	1.63	ppbv		0.32
Spiked Amount 10.000	Range 65 - 135		Recovery = 16.30%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.63	85	4809	0.11	ppbv		93
3) Chlorodifluoromethane	3.82	51	113827	4.30	ppbv	#	91
4) Chloromethane	3.82	50	139139	9.32	ppbv	#	69
5) Vinyl Chloride	4.09	62	2083	0.14	ppbv	#	43
6) Bromomethane	4.17	94	629	0.06	ppbv	#	32
7) Chloroethane	4.46	64	272	0.04	ppbv	#	1
9) Propene	3.82	41	4945767	407.17	ppbv		98
10) Heptane	9.82	43	32046496	758.91	ppbv	#	26
13) Ethanol	4.31	45	96453	53.98	ppbv		92
15) Acetone	4.60	43	50156764	1712.95	ppbv	#	53
16) 1,3-Butadiene	3.98	39	11321298	836.62	ppbv	#	9
17) tert-Butyl alcohol	5.18	59	67507	3.83	ppbv	#	71
18) 1,1-Dichloroethene	4.73	96	1313	0.10	ppbv		80
19) Isopropyl Alcohol	4.76	45	63923	5.60	ppbv	#	94
20) Methylene Chloride	5.18	84	634583	50.91	ppbv	#	2
21) Allyl Chloride	5.26	41	20329402	1063.85	ppbv	#	72
22) trans-1,2-Dichloroethene	6.01	96	1457	0.09	ppbv		84
23) Vinyl Acetate	6.17	43	50416802	972.84	ppbv	#	1
24) 1,1-Dichloroethane	6.06	63	234178	6.63	ppbv	#	86
25) Ethyl Acetate	6.53	43	13892030	245.35	ppbv	#	76
26) Hexane	6.51	57	21003543	765.94	ppbv	#	1
27) Carbon Disulfide	5.43	76	1206	0.04	ppbv	#	1
28) Methyl tert-Butyl Ether	6.16	73	86047	1.95	ppbv	#	54
29) Chloroform	6.38	83	23963	0.59	ppbv	#	18
30) Cyclohexane	8.56	84	63677518	2437.23	ppbv	#	62
31) cis-1,2-Dichloroethene	6.59	61	1438	0.06	ppbv	#	34
32) 1,1,1-Trichloroethane	7.66	97	3235	0.08	ppbv	#	1
34) 2-Butanone	6.17	43	50416802	2714.77	ppbv	#	85
36) Benzene	8.24	78	15384260	482.11	ppbv	#	77
37) 1,2-Dichloroethane	7.49	62	8135	0.48	ppbv	#	78
39) 1,2-Dichloropropane	8.99	63	2861	0.24	ppbv	#	59
40) 1,4-Dioxane	9.70	88	258	0.13	ppbv	#	1
41) Tetrahydrofuran	7.43	42	563231	53.85	ppbv	#	36
42) Bromodichloromethane	9.39	83	28389906	1261.86	ppbv	#	24
43) Methyl Methacrylate	9.46	69	7352304	654.18	ppbv	#	1
44) 2,2,4-Trimethylpentane	9.54	57	7912077	149.12	ppbv	#	1
46) cis-1,3-Dichloropropene	10.21	75	689	0.04	ppbv	#	1
47) 1,1,2-Trichloroethane	11.10	97	3536032	248.68	ppbv	#	49
50) 4-Methyl-2-Pentanone	10.53	43	3939532	160.43	ppbv	#	76
51) 2-Hexanone	11.96	43	65514968	2967.41	ppbv	#	35
53) Toluene	11.55	91	4586468	111.54	ppbv		94

Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL100915\
Data File : VL026190.D
Acq On : 10 Oct 2015 00:14
Operator : SY/MD
Sample : G3973-03DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Oct 10 02:10:59 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)
57) Chlorobenzene	14.02	112	2312377	25.48	ppbv	#	27
58) Ethyl Benzene	14.67	91	7288724	49.91	ppbv		98
59) m/p-Xylene	14.96	91	5382296	45.92	ppbv		98
60) o-Xylene	15.71	91	506001	4.12	ppbv		95
61) Styrene	15.54	104	372163	7.41	ppbv		93
62) Isopropylbenzene	16.71	105	1043088	6.44	ppbv		96
63) 1,1,2,2-Tetrachloroethane	15.79	83	2460805	26.96	ppbv	#	38
64) n-propylbenzene	17.66	120	88243	2.02	ppbv		95
71) 2-Chlorotoluene	17.66	91	363731	3.08	ppbv	#	51
80) Naphthalene,2-methyl-	26.36	142	587825	32.29	ppbv	#	67

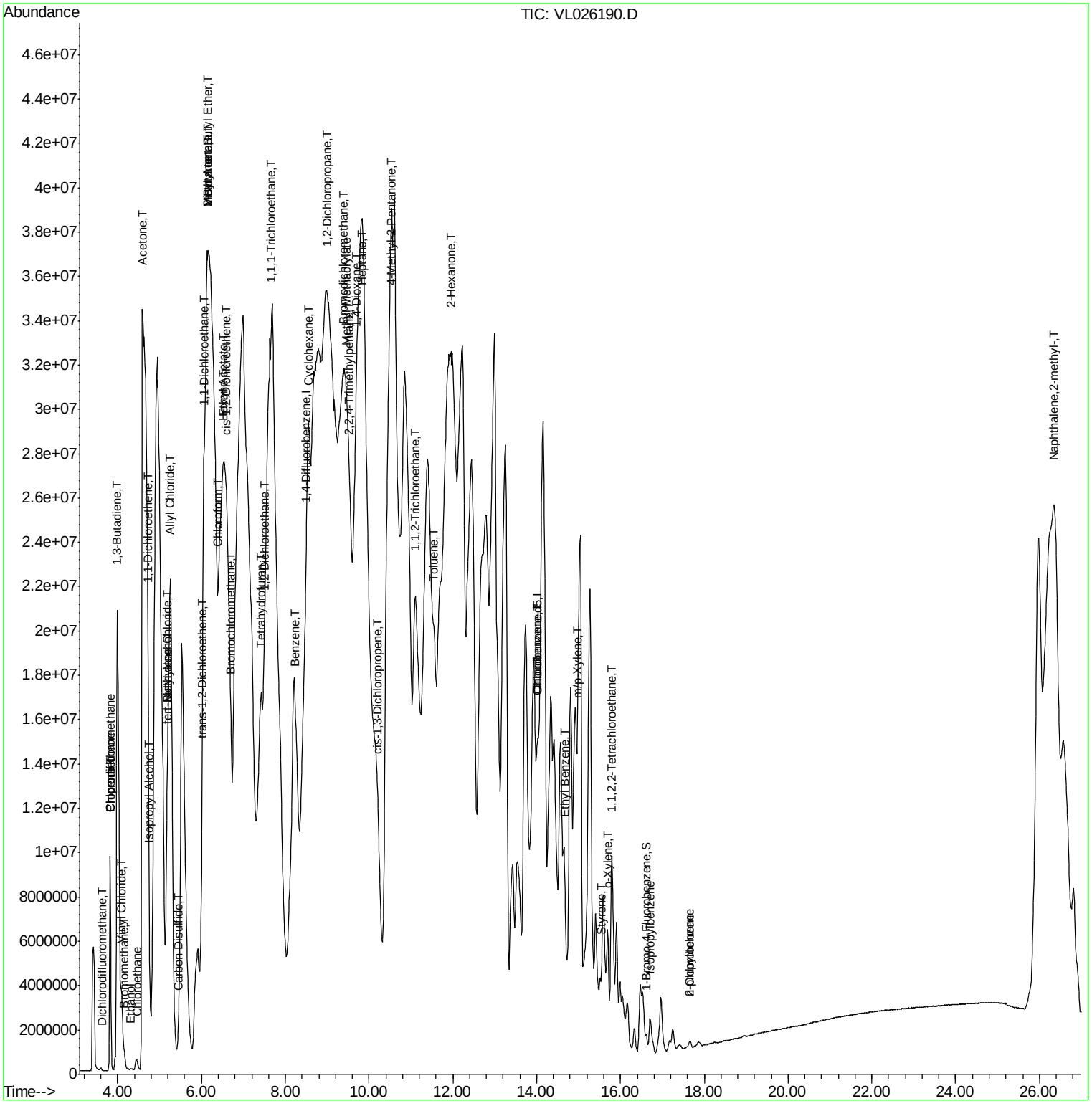
(#) = qualifier out of range (m) = manual integration (+) = signals summed

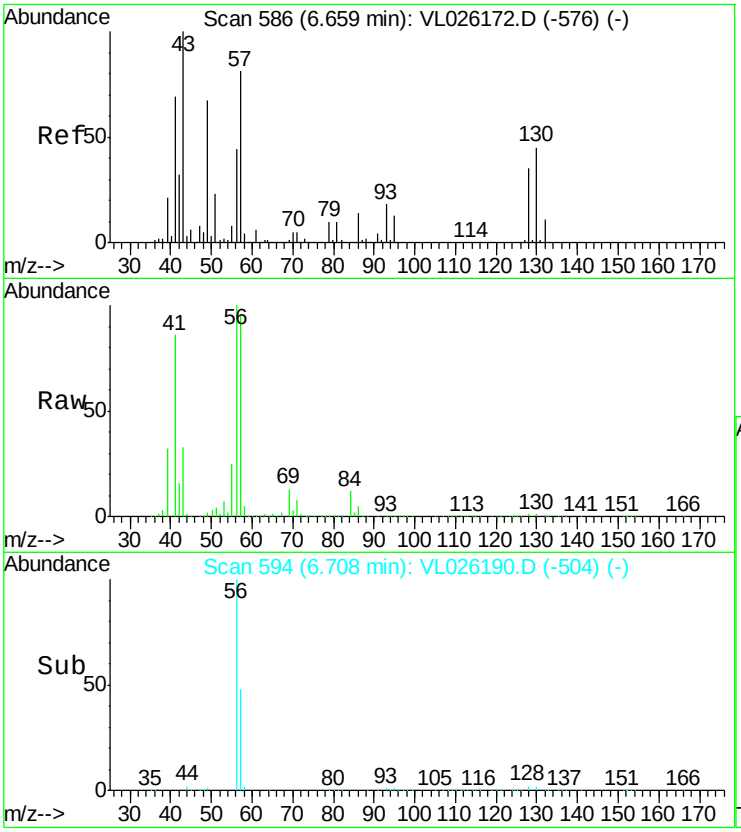
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL100915\
Data File : VL026190.D
Acq On : 10 Oct 2015 00:14
Operator : SY/MD
Sample : G3973-03DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Oct 10 02:10:59 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



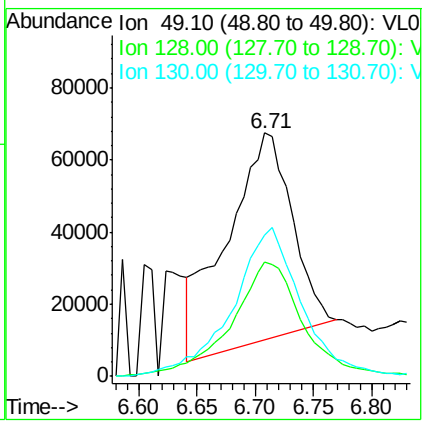


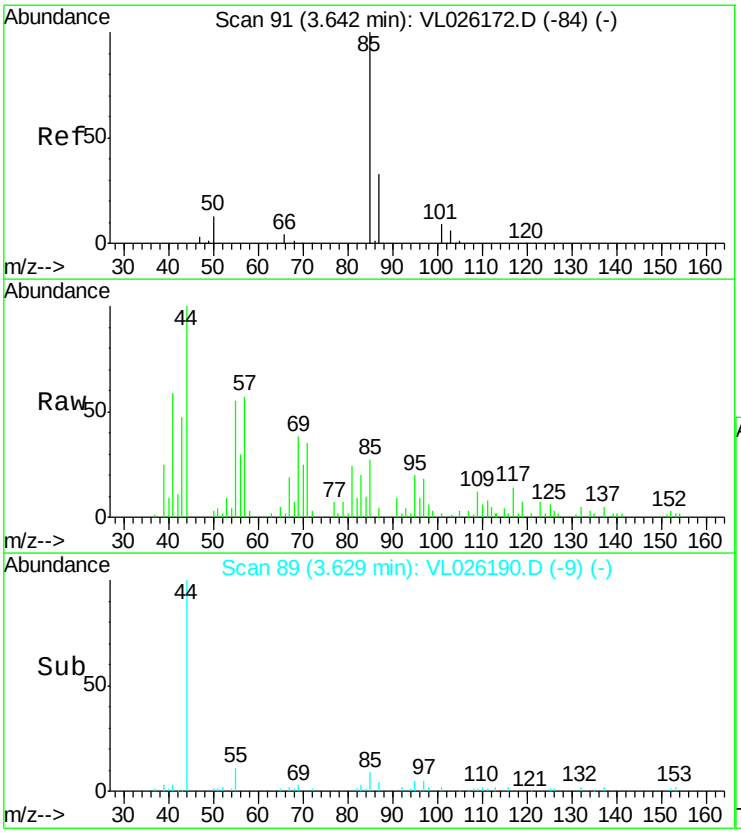
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 6.71 min Scan# 594
Delta R.T. 0.05 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 226534

Ion	Ratio	Lower	Upper
49	100		
128	60.4	26.3	78.8
130	75.0	34.2	102.5

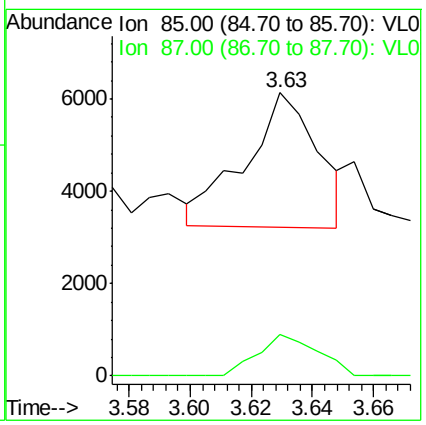


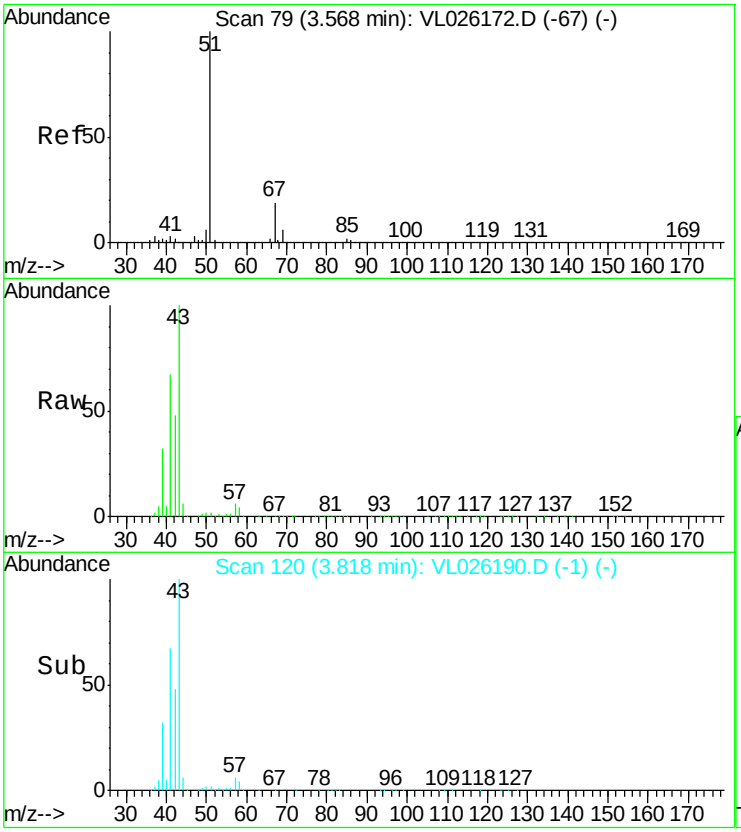


#2
Dichlorodifluoromethane
Concen: 0.11 ppbv
RT: 3.63 min Scan# 89
Delta R.T. -0.01 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Tgt Ion: 85 Resp: 4809

Ion	Ratio	Lower	Upper
85	100		
87	36.8	26.2	39.4



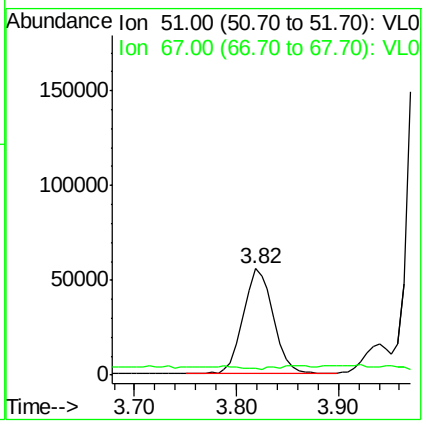


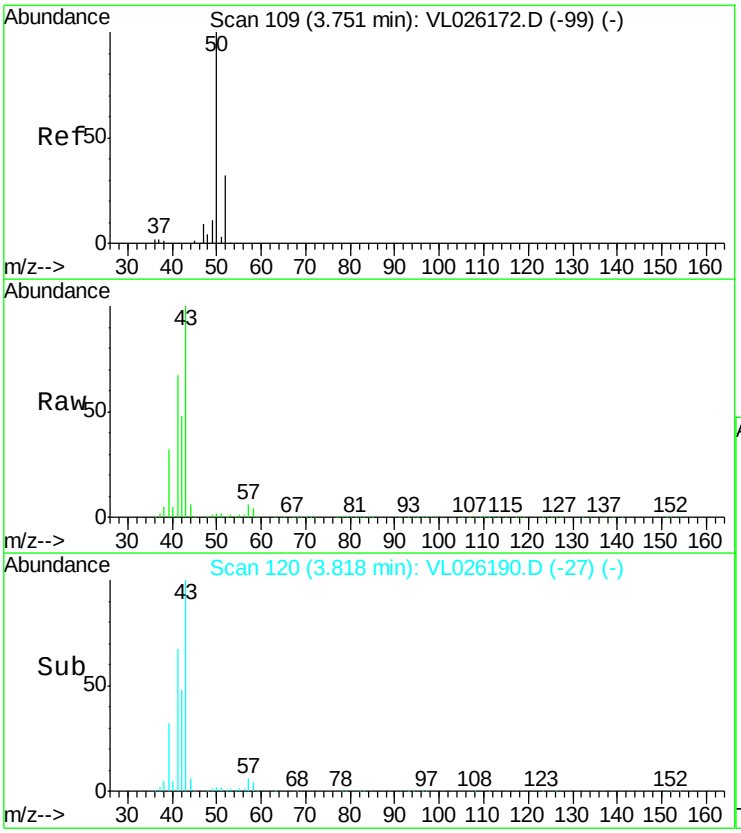
#3
Chlorodifluoromethane
Concen: 4.30 ppbv
RT: 3.82 min Scan# 120
Delta R.T. 0.25 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 113827

Ion	Ratio	Lower	Upper
51	100		
67	14.6	14.9	22.3#

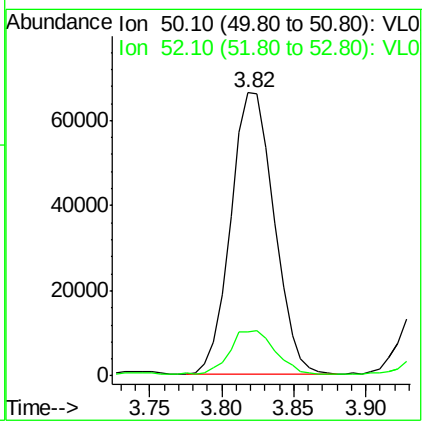


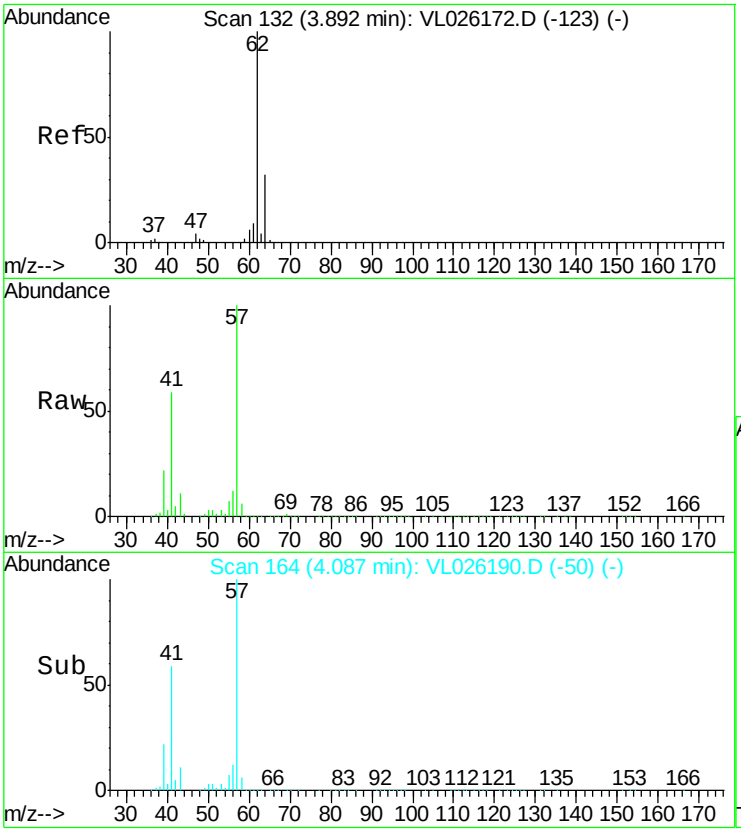


#4
Chloromethane
Concen: 9.32 ppbv
RT: 3.82 min Scan# 120
Delta R.T. 0.07 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Tgt Ion: 50 Resp: 139139

Ion	Ratio	Lower	Upper
50	100		
52	15.0	25.9	38.9#



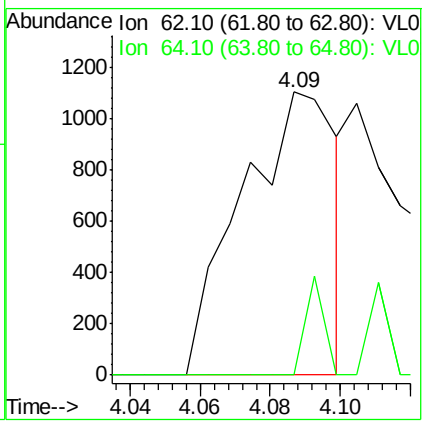


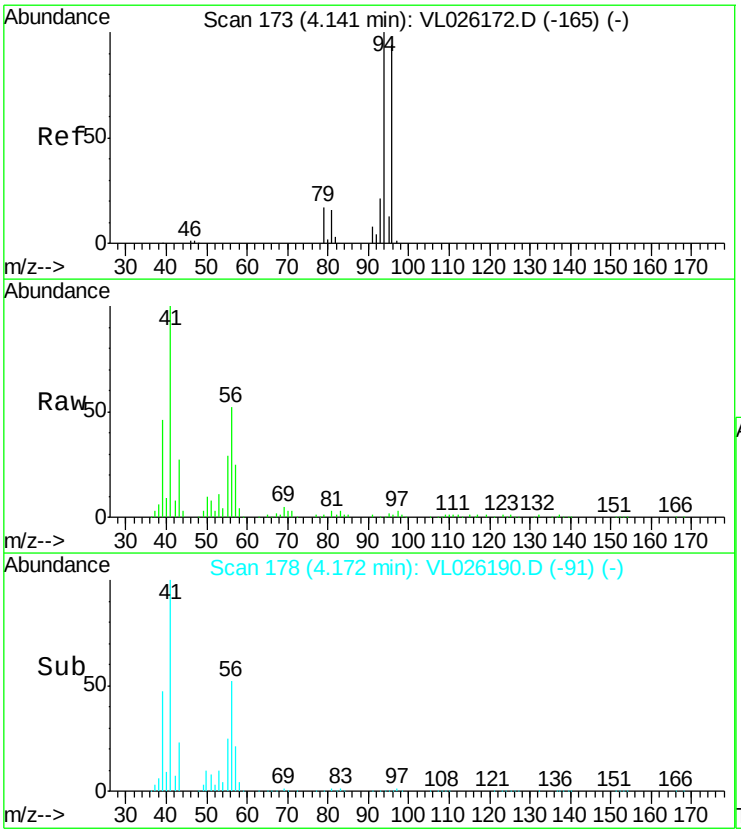
#5
Vinyl Chloride
Concen: 0.14 ppbv
RT: 4.09 min Scan# 164
Delta R.T. 0.20 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 62 Resp: 2083

Ion	Ratio	Lower	Upper
62	100		
64	0.0	25.6	38.4#

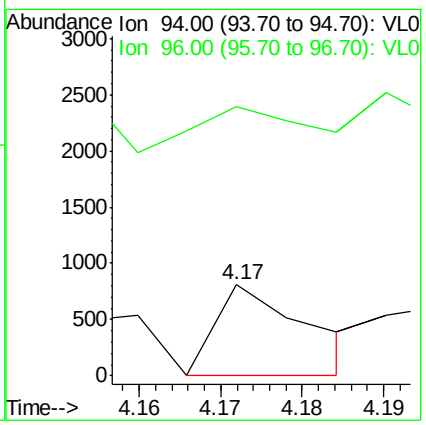


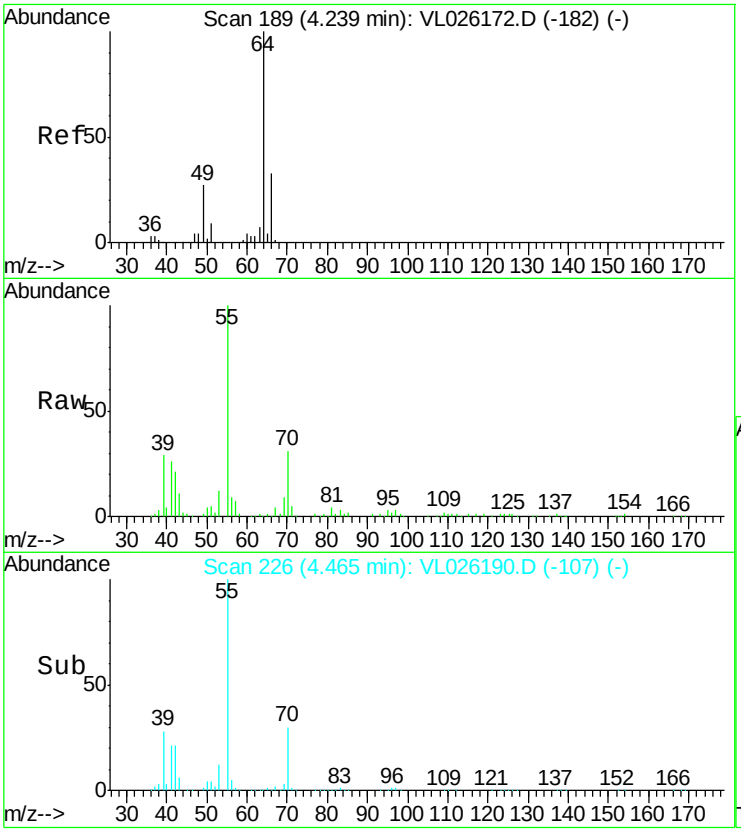


#6
Bromomethane
Concen: 0.06 ppbv
RT: 4.17 min Scan# 178
Delta R.T. 0.03 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Tgt Ion: 94 Resp: 629

Ion	Ratio	Lower	Upper
94	100		
96	28.8	75.4	113.2#



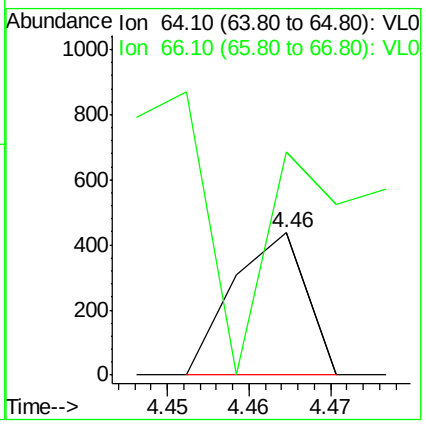


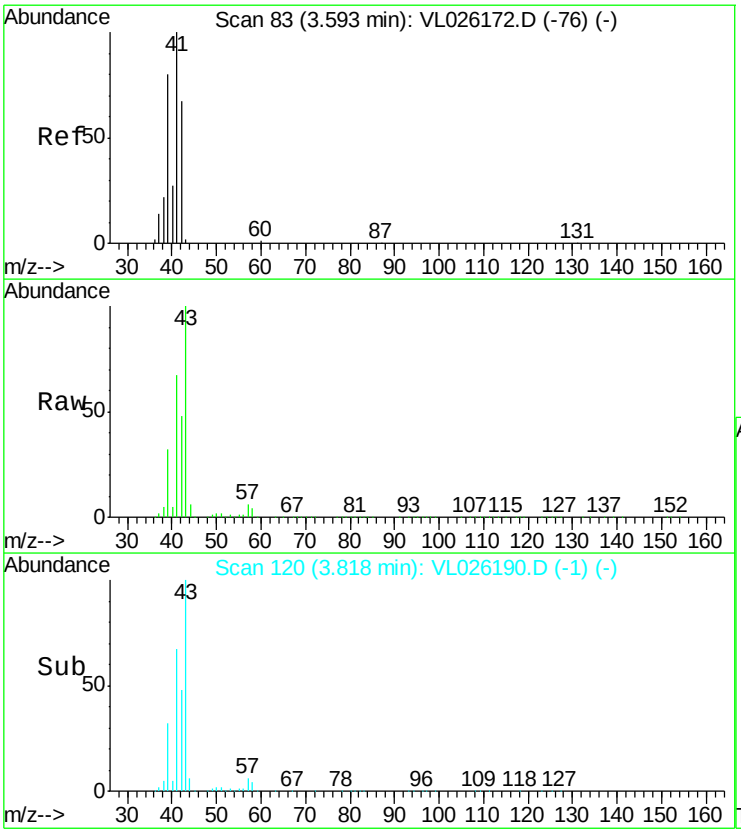
#7
Chloroethane
Concen: 0.04 ppbv
RT: 4.46 min Scan# 226
Delta R.T. 0.23 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 272

Ion	Ratio	Lower	Upper
64	100		
66	156.9	26.5	39.7#

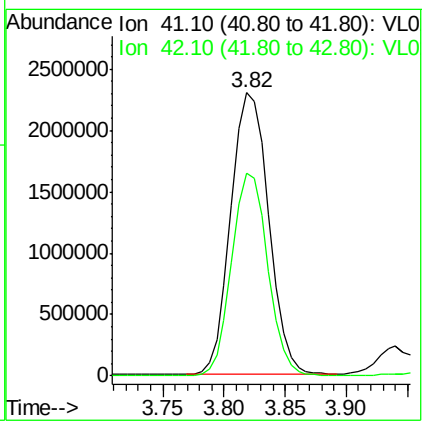


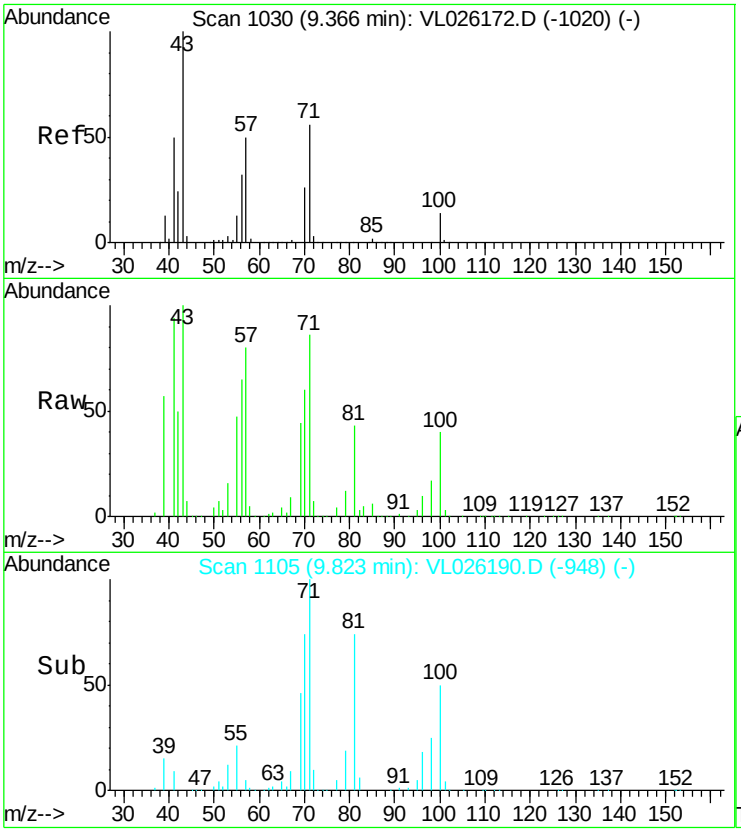


#9
Propene
Concen: 407.17 ppbv
RT: 3.82 min Scan# 120
Delta R.T. 0.23 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Tgt Ion: 41 Resp: 4945767

Ion	Ratio	Lower	Upper
41	100		
42	68.4	53.6	80.4



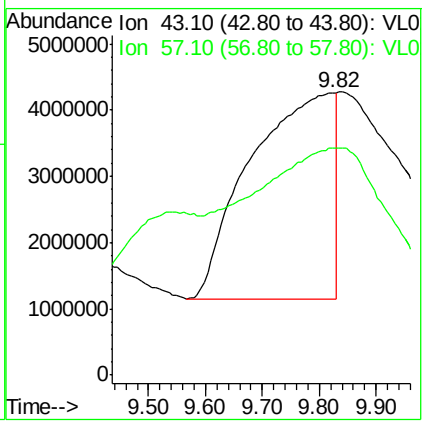


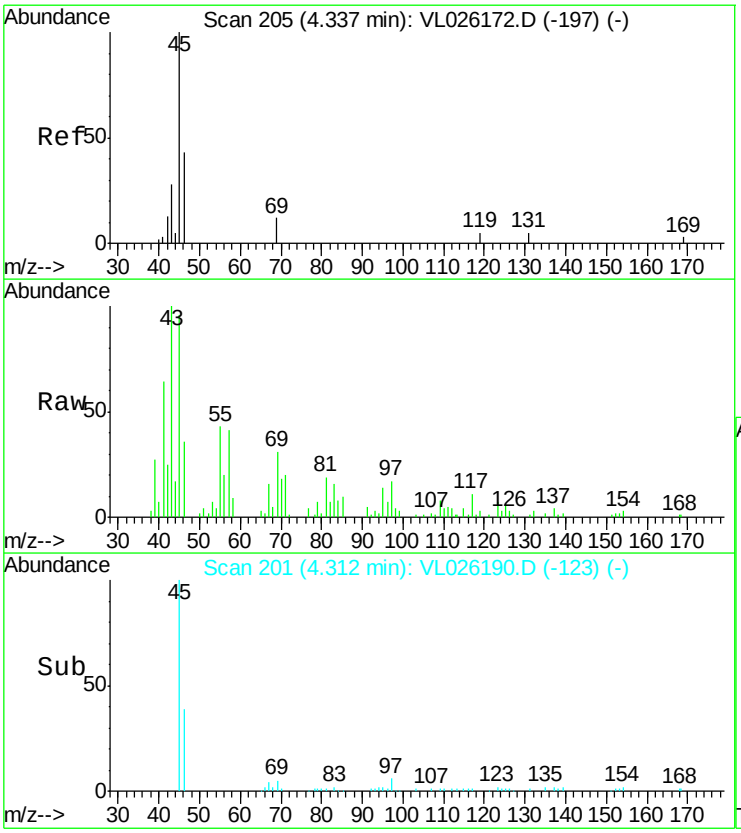
#10
Heptane
Concen: 758.91 ppbv
RT: 9.82 min Scan# 1105
Delta R.T. 0.46 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp:32046496

Ion	Ratio	Lower	Upper
43	100		
57	0.0	41.8	62.8#

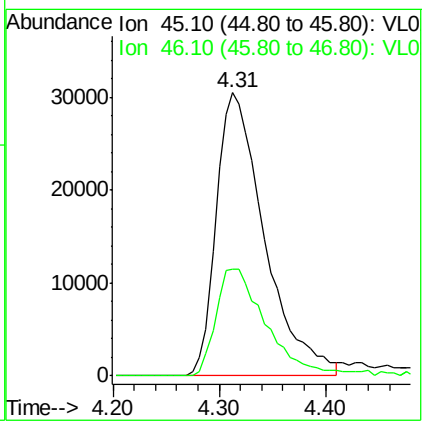


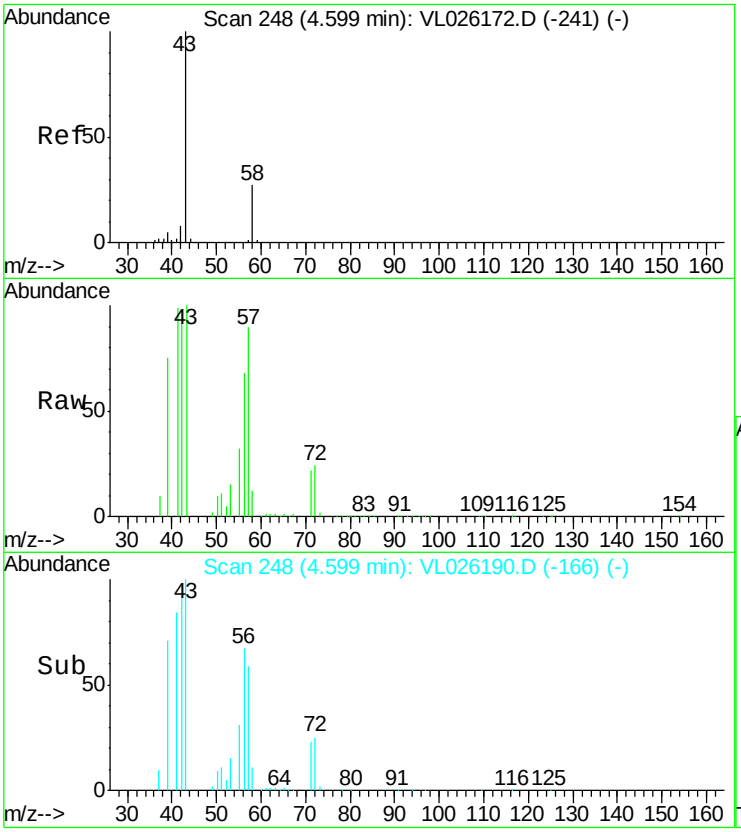


#13
Ethanol
Concen: 53.98 ppbv
RT: 4.31 min Scan# 201
Delta R.T. -0.02 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Tgt Ion: 45 Resp: 96453

Ion	Ratio	Lower	Upper
45	100		
46	40.2	18.1	72.5



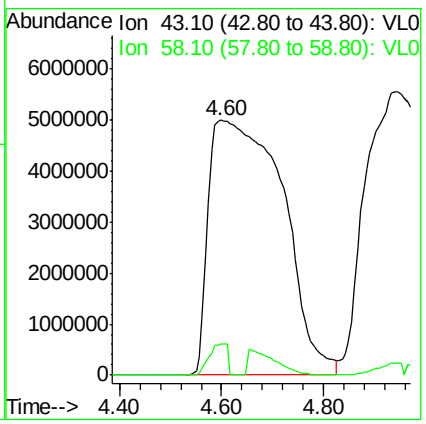


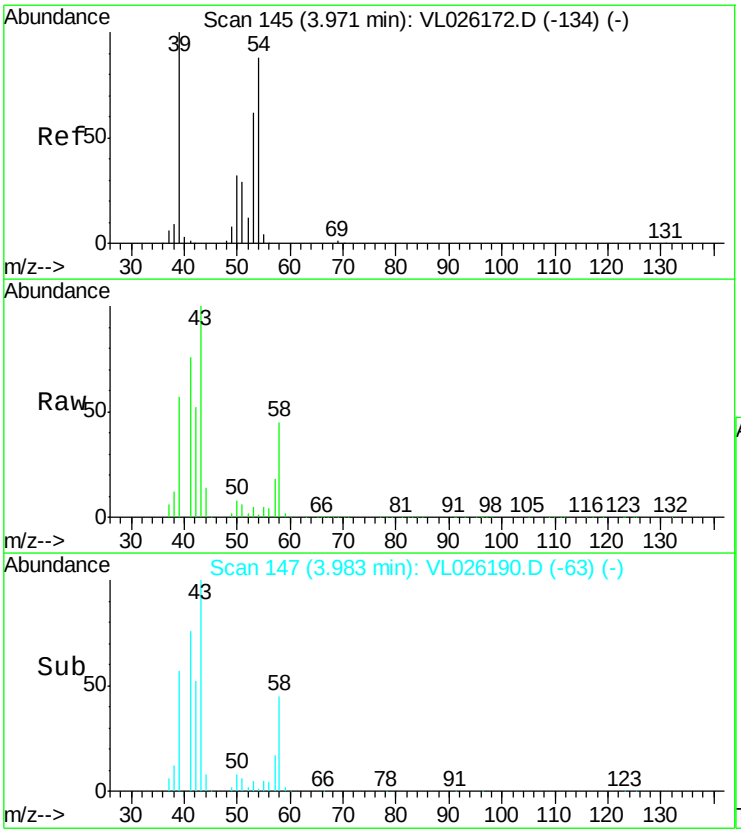
#15
Acetone
Concen: 1712.95 ppbv
RT: 4.60 min Scan# 248
Delta R.T. 0.00 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp:50156764

Ion	Ratio	Lower	Upper
43	100		
58	3.1	22.0	33.0#

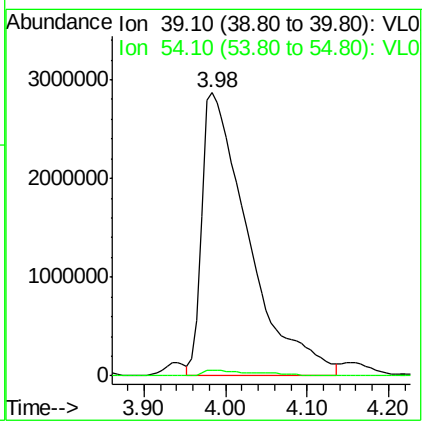


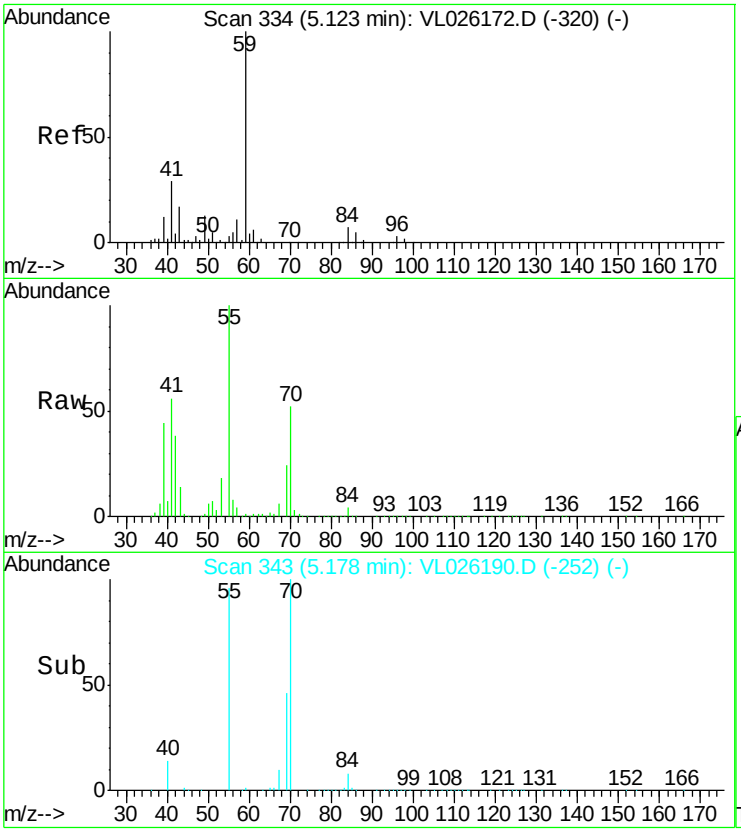


#16
1,3-Butadiene
Concen: 836.62 ppbv
RT: 3.98 min Scan# 147
Delta R.T. 0.01 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Tgt Ion: 39 Resp:11321298

Ion	Ratio	Lower	Upper
39	100		
54	2.4	67.9	101.9#



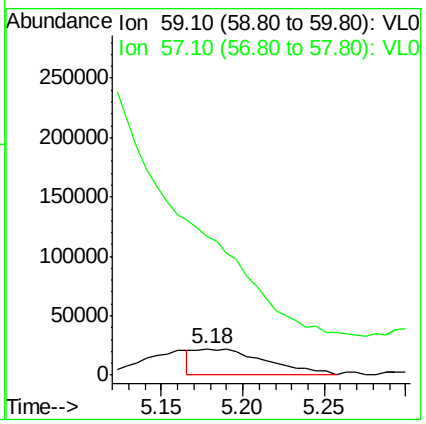


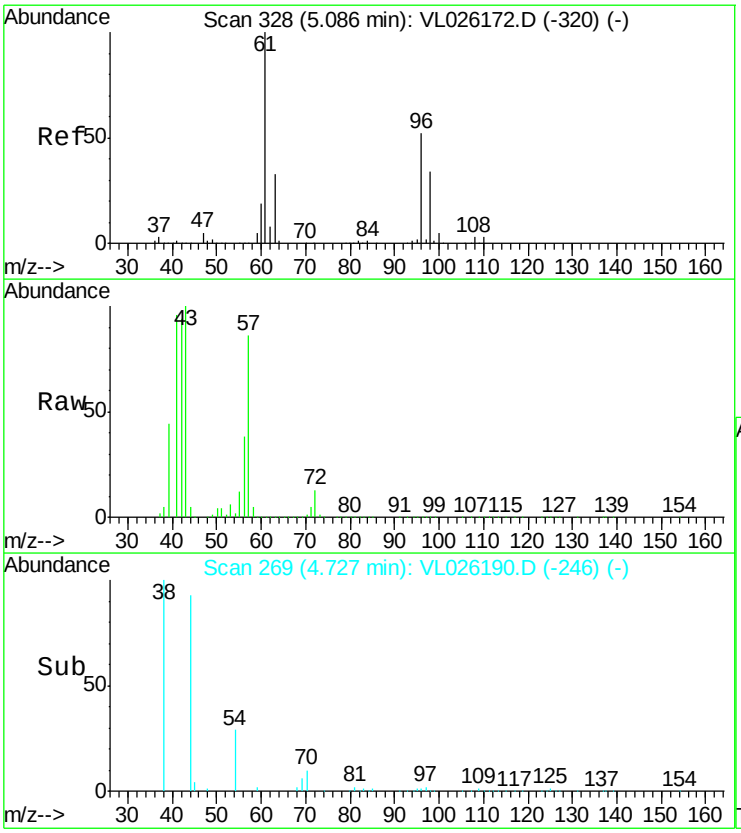
#17
tert-Butyl alcohol
Concen: 3.83 ppbv
RT: 5.18 min Scan# 343
Delta R.T. 0.05 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 59 Resp: 67507

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.8	13.2#

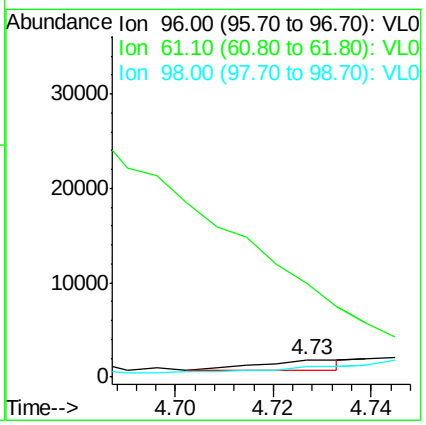


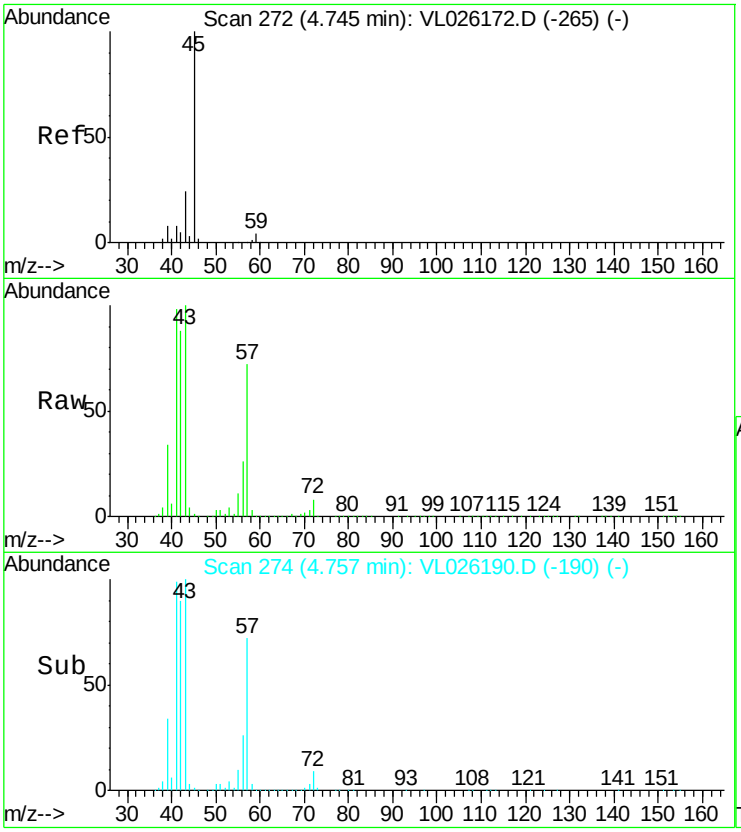


#18
1,1-Dichloroethene
Concen: 0.10 ppbv
RT: 4.73 min Scan# 269
Delta R.T. -0.36 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Tgt Ion: 96 Resp: 1313

Ion	Ratio	Lower	Upper
96	100		
61	227.2	153.2	229.8
98	59.4	52.1	78.1



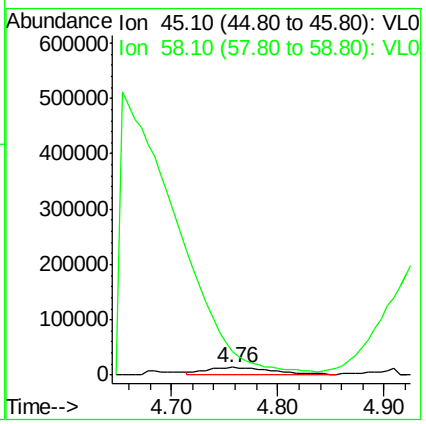


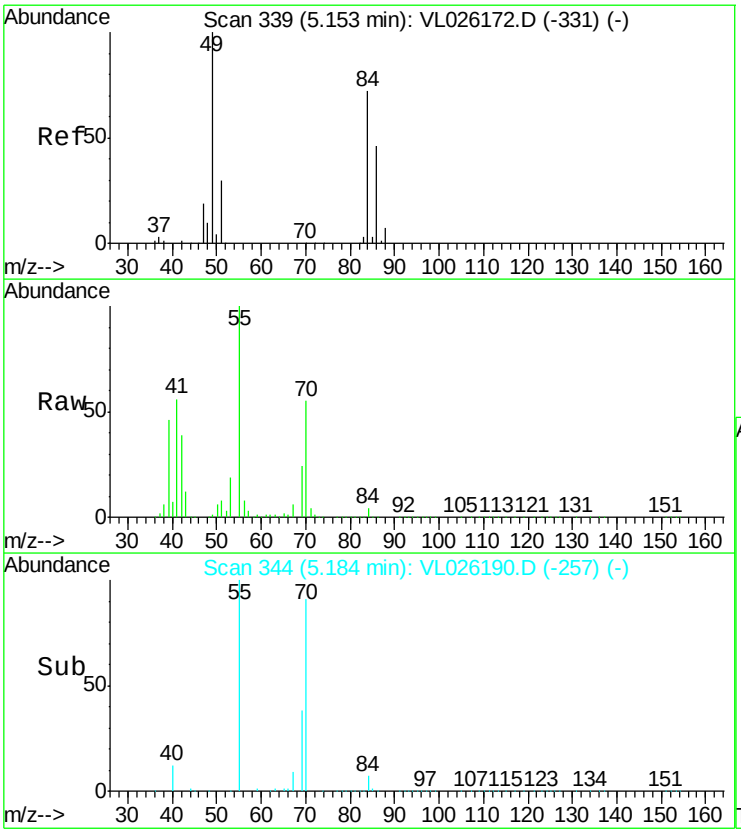
#19
Isopropyl Alcohol
Concen: 5.60 ppbv
RT: 4.76 min Scan# 274
Delta R.T. 0.01 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 63923

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.7	2.5#

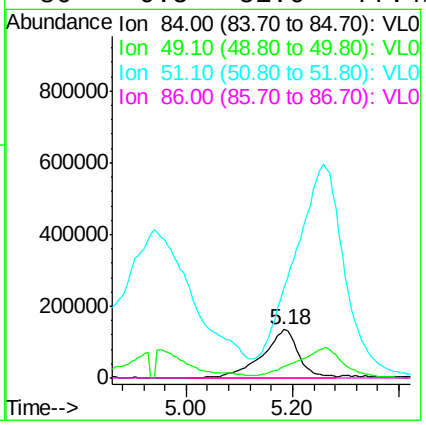


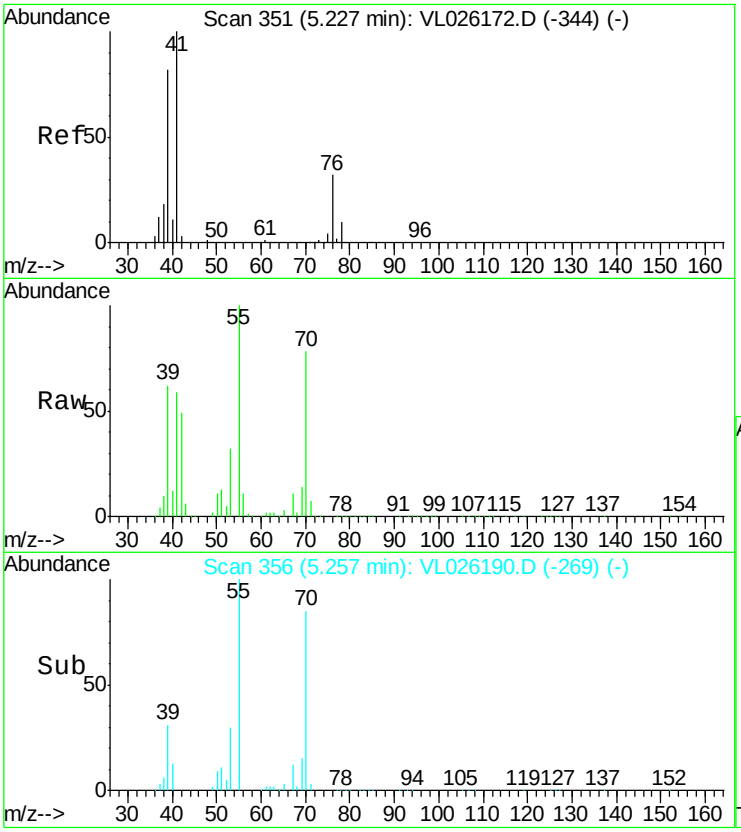


#20
Methylene Chloride
Concen: 50.91 ppbv
RT: 5.18 min Scan# 344
Delta R.T. 0.03 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Tgt Ion: 84 Resp: 634583

Ion	Ratio	Lower	Upper
84	100		
49	0.0	111.3	166.9#
51	0.0	33.0	49.6#
86	0.5	51.6	77.4#



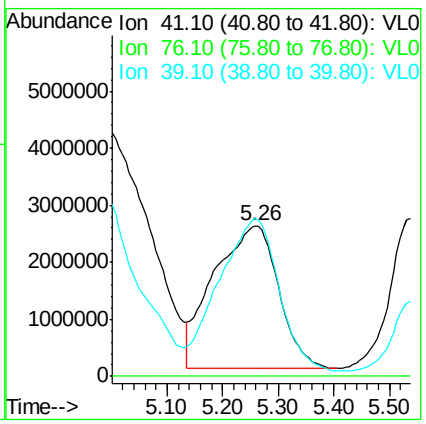


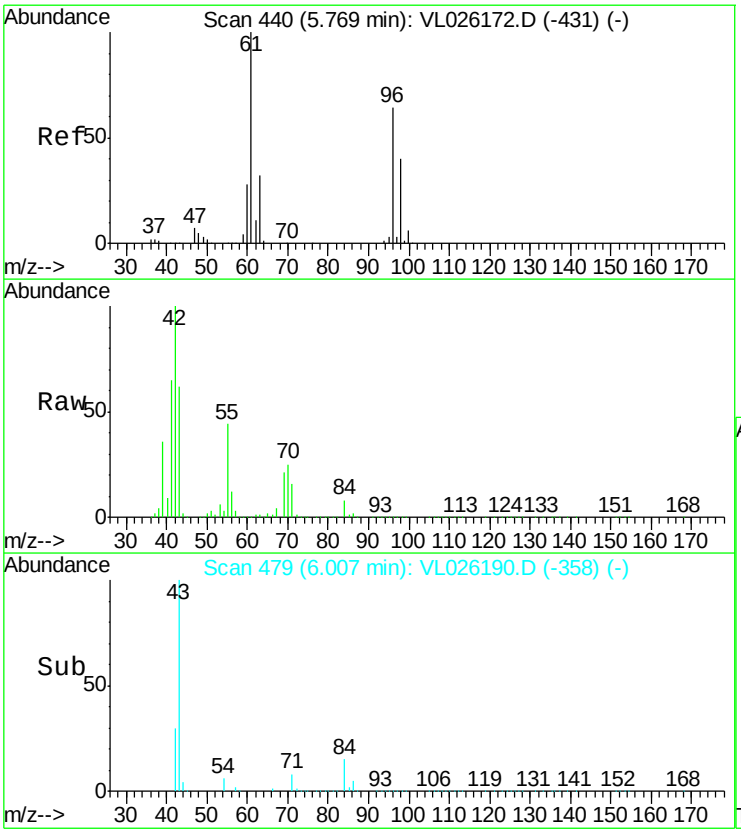
#21
Allvl Chloride
Concen: 1063.85 ppbv
RT: 5.26 min Scan# 356
Delta R.T. 0.03 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp:20329402

Ion	Ratio	Lower	Upper
41	100		
76	0.0	25.4	38.2#
39	98.7	66.5	99.7

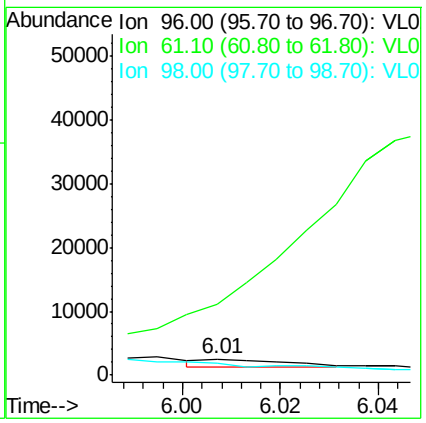


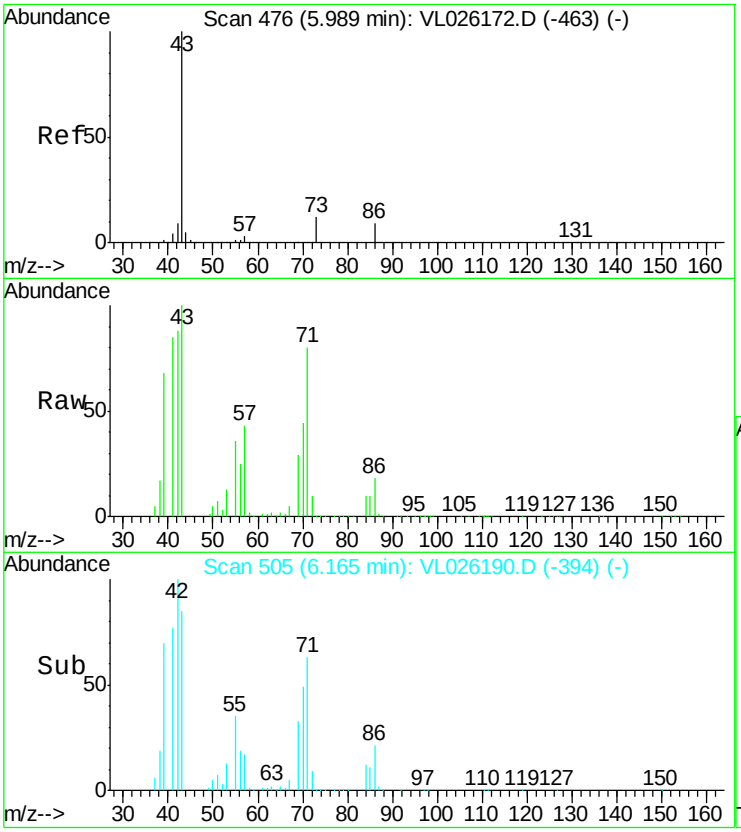


#22
trans-1,2-Dichloroethene
Concen: 0.09 ppbv
RT: 6.01 min Scan# 479
Delta R.T. 0.24 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Tgt Ion: 96 Resp: 1457

Ion	Ratio	Lower	Upper
96	100		
61	135.9	125.8	188.6
98	51.8	50.6	75.8



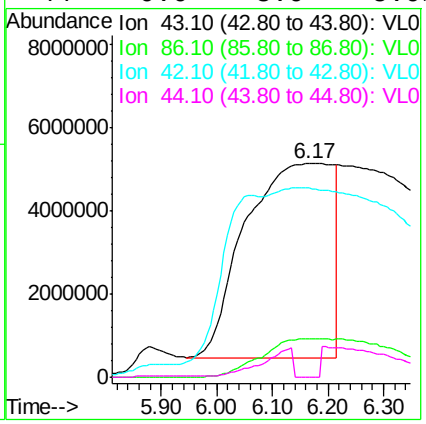


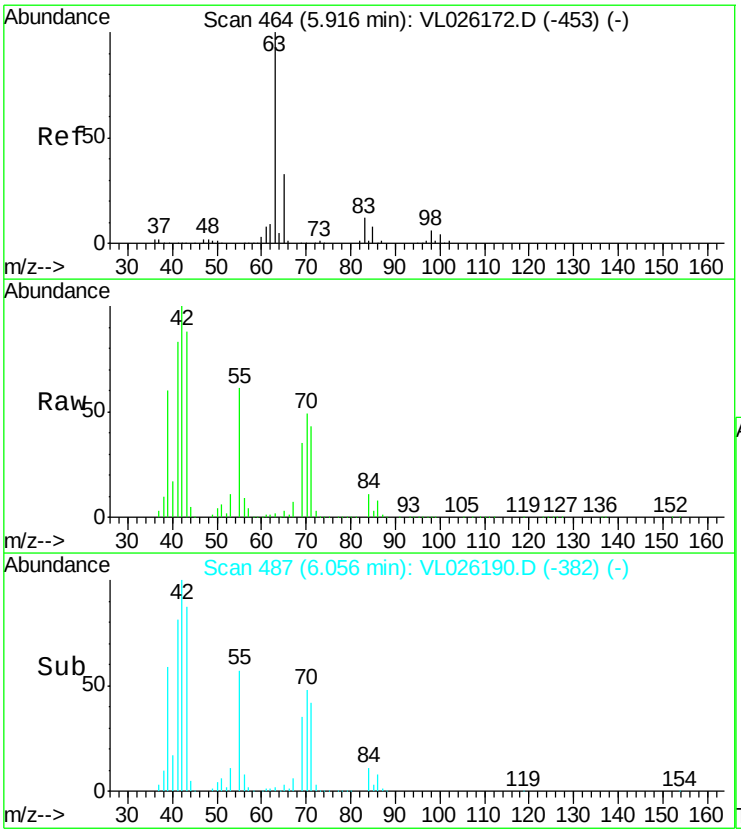
#23
Vinyl Acetate
Concen: 972.84 ppbv
RT: 6.17 min Scan# 505
Delta R.T. 0.18 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp:50416802

Ion	Ratio	Lower	Upper
43	100		
86	19.7	7.2	10.8#
42	89.7	7.4	11.2#
44	0.0	3.9	5.9#

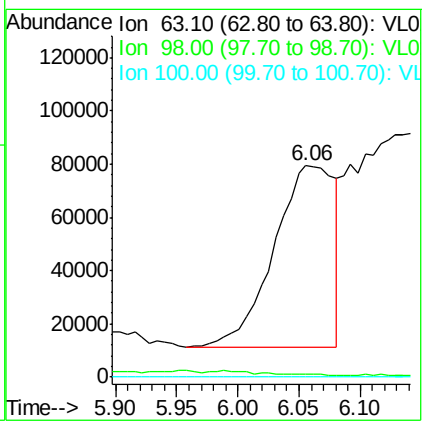


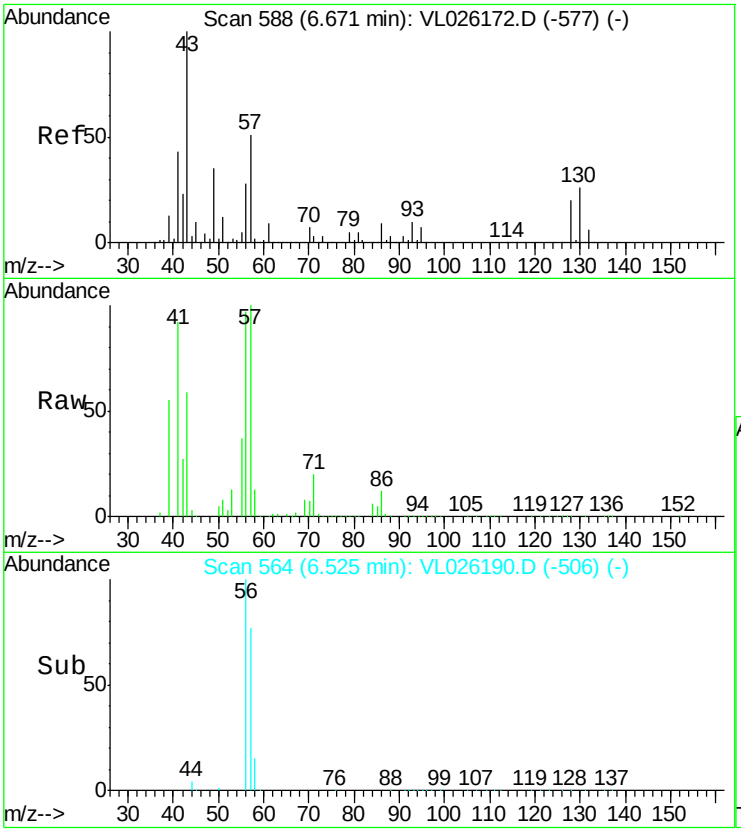


#24
1,1-Dichloroethane
Concen: 6.63 ppbv
RT: 6.06 min Scan# 487
Delta R.T. 0.14 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Tgt Ion: 63 Resp: 234178

Ion	Ratio	Lower	Upper
63	100		
98	0.2	2.9	8.7#
100	0.0	1.8	5.5#



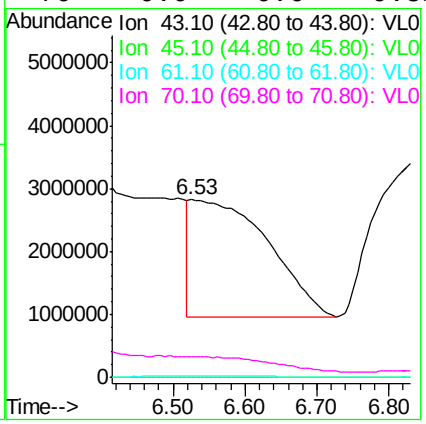


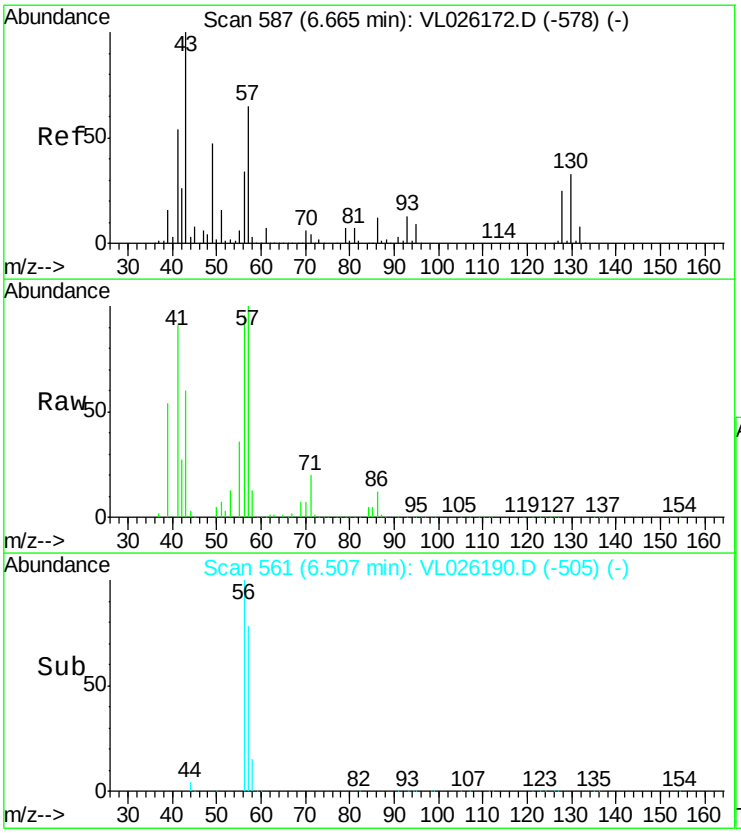
#25
Ethyl Acetate
Concen: 245.35 ppbv
RT: 6.53 min Scan# 564
Delta R.T. -0.15 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp:13892030

Ion	Ratio	Lower	Upper
43	100		
45	0.1	7.7	11.5#
61	1.0	7.4	11.2#
70	0.0	6.6	9.8#

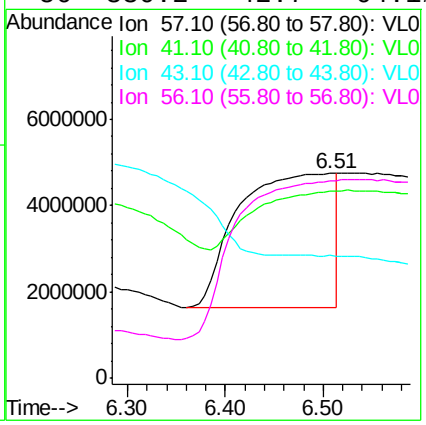


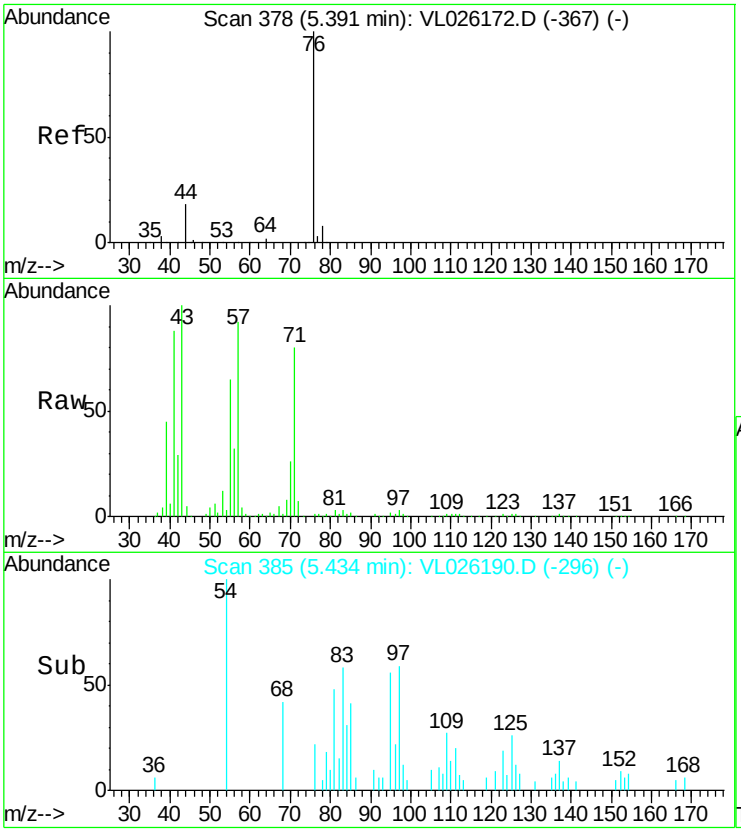


#26
Hexane
Concen: 765.94 ppbv
RT: 6.51 min Scan# 561
Delta R.T. -0.16 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Tgt Ion: 57 Resp:21003543

Ion	Ratio	Lower	Upper
57	100		
41	145.8	68.0	102.0#
43	0.0	164.4	246.6#
56	330.2	42.7	64.1#



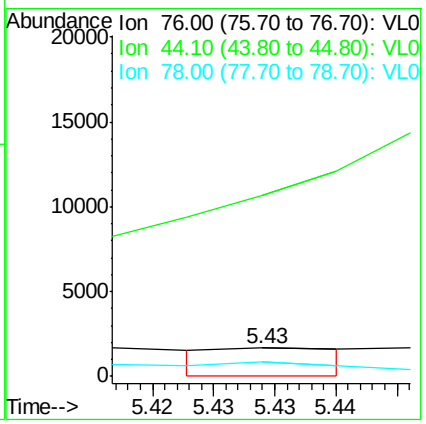


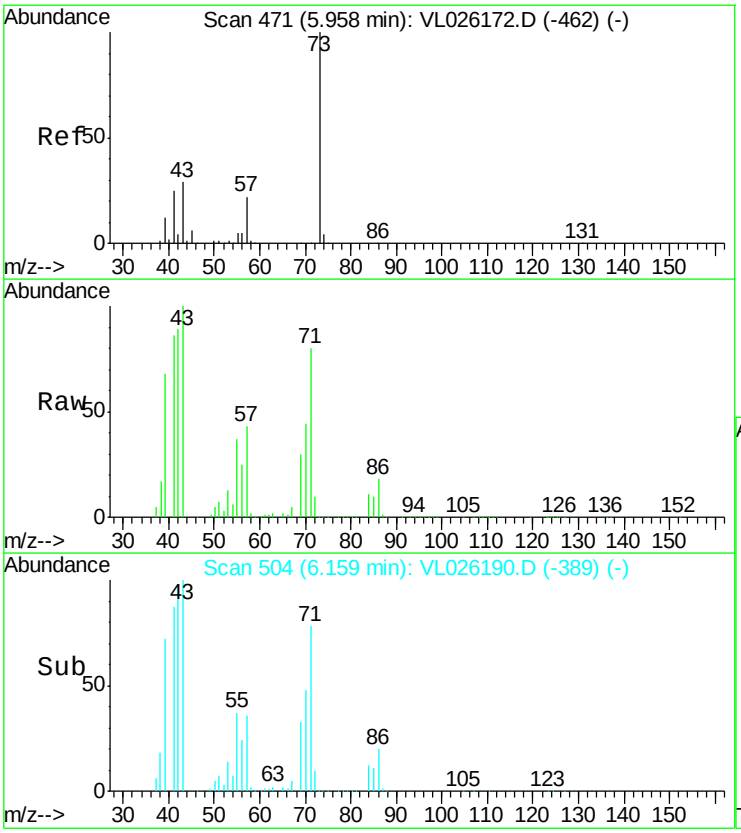
#27
Carbon Disulfide
Concen: 0.04 ppbv
RT: 5.43 min Scan# 385
Delta R.T. 0.04 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 76 Resp: 1206

Ion	Ratio	Lower	Upper
76	100		
44	0.0	14.2	21.4#
78	294.8	7.5	11.3#

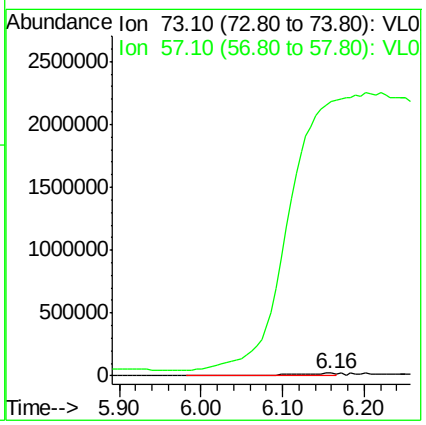


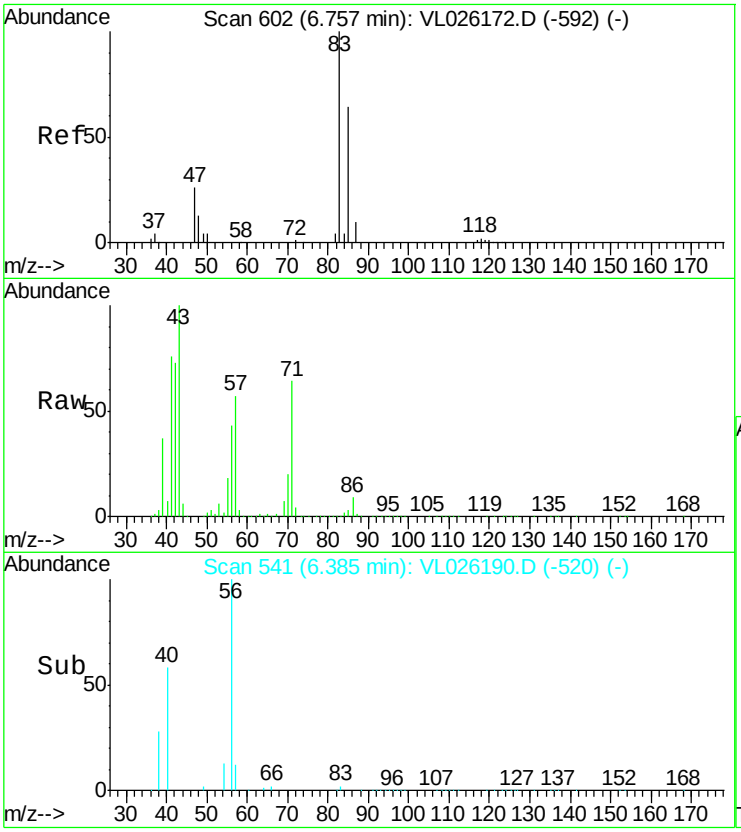


#28
Methyl tert-Butyl Ether
Concen: 1.95 ppbv
RT: 6.16 min Scan# 504
Delta R.T. 0.20 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Tgt Ion: 73 Resp: 86047

Ion	Ratio	Lower	Upper
73	100		
57	0.0	17.8	26.6#



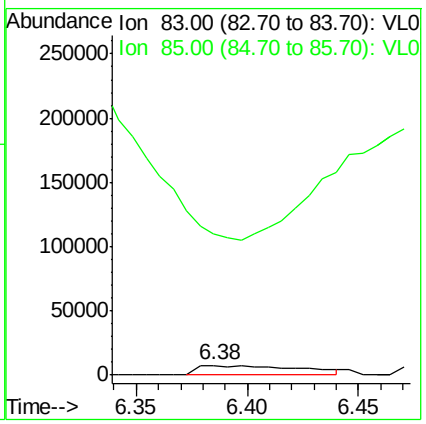


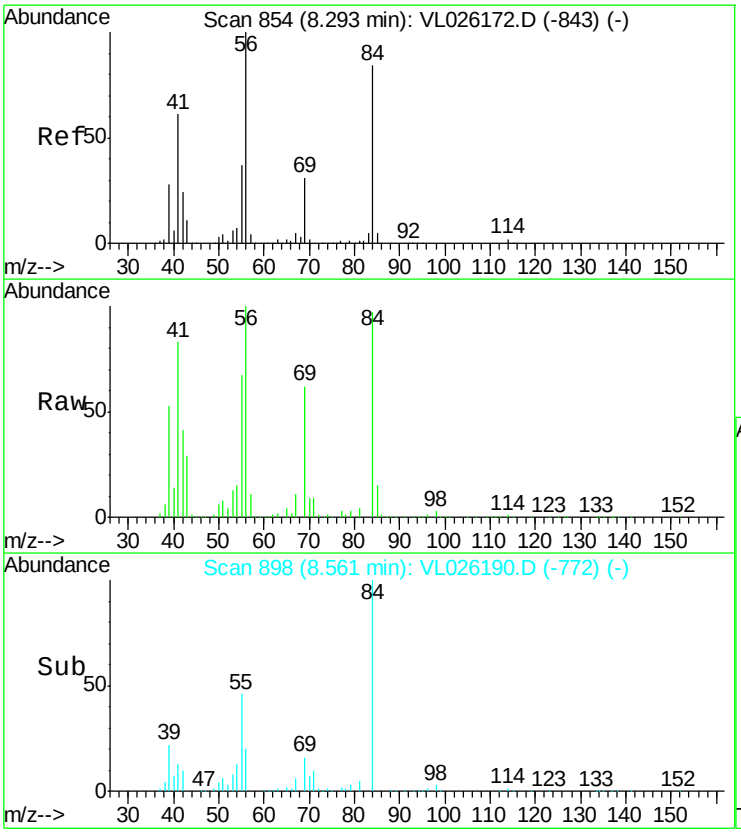
#29
Chloroform
Concen: 0.59 ppbv
RT: 6.38 min Scan# 541
Delta R.T. -0.37 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 23963

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.5	77.3#

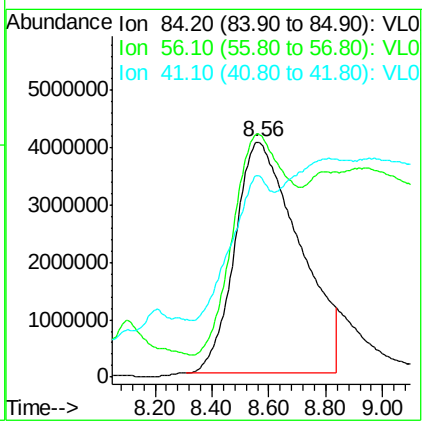


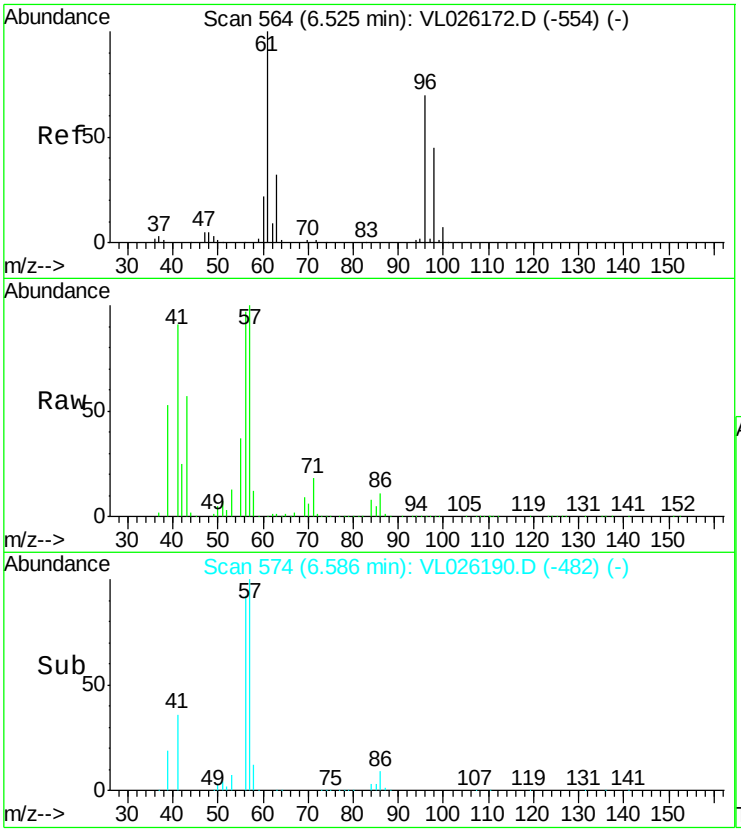


#30
Cyclohexane
Concen: 2437.23 ppbv
RT: 8.56 min Scan# 898
Delta R.T. 0.27 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Tgt Ion: 84 Resp:63677518

Ion	Ratio	Lower	Upper
84	100		
56	83.2	99.8	149.8#
41	37.7	58.1	87.1#



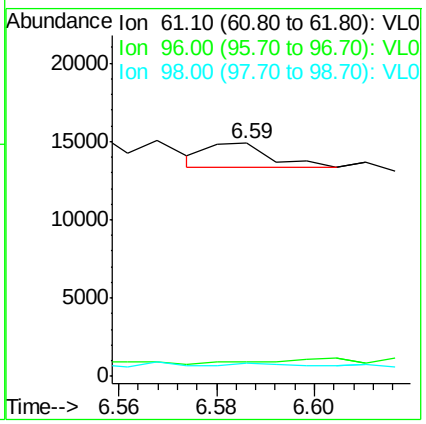


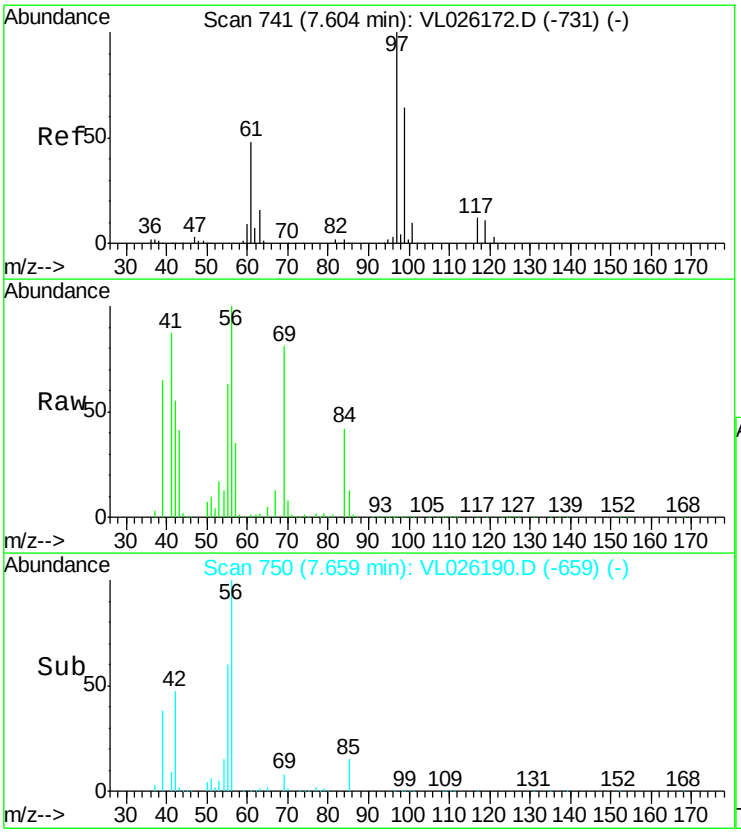
#31
cis-1,2-Dichloroethene
Concen: 0.06 ppbv
RT: 6.59 min Scan# 574
Delta R.T. 0.06 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 61 Resp: 1438

Ion	Ratio	Lower	Upper
61	100		
96	11.3	55.8	83.8#
98	6.8	35.8	53.6#

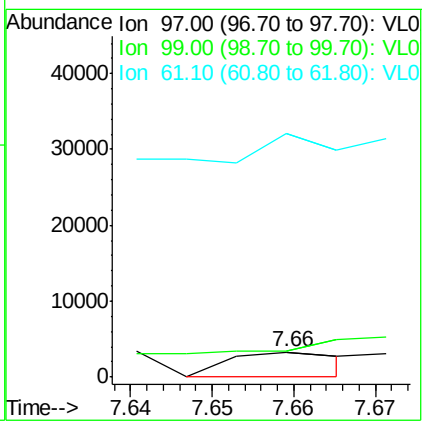


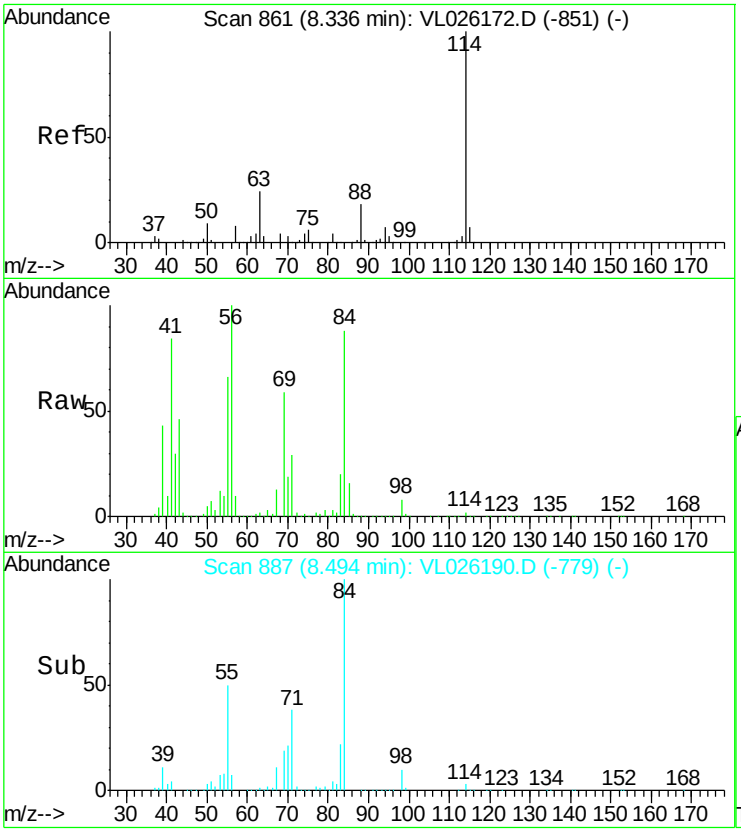


#32
1,1,1-Trichloroethane
Concen: 0.08 ppbv
RT: 7.66 min Scan# 750
Delta R.T. 0.05 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Tgt Ion: 97 Resp: 3235

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.3	76.9#
61	11093.2	38.7	58.1#



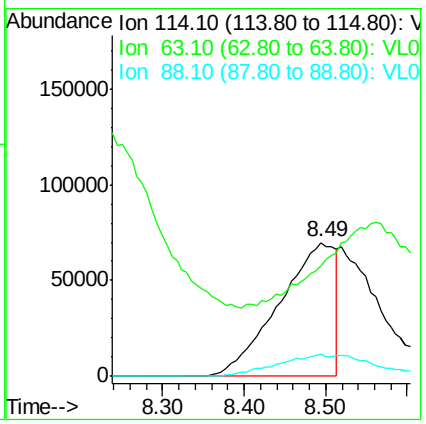


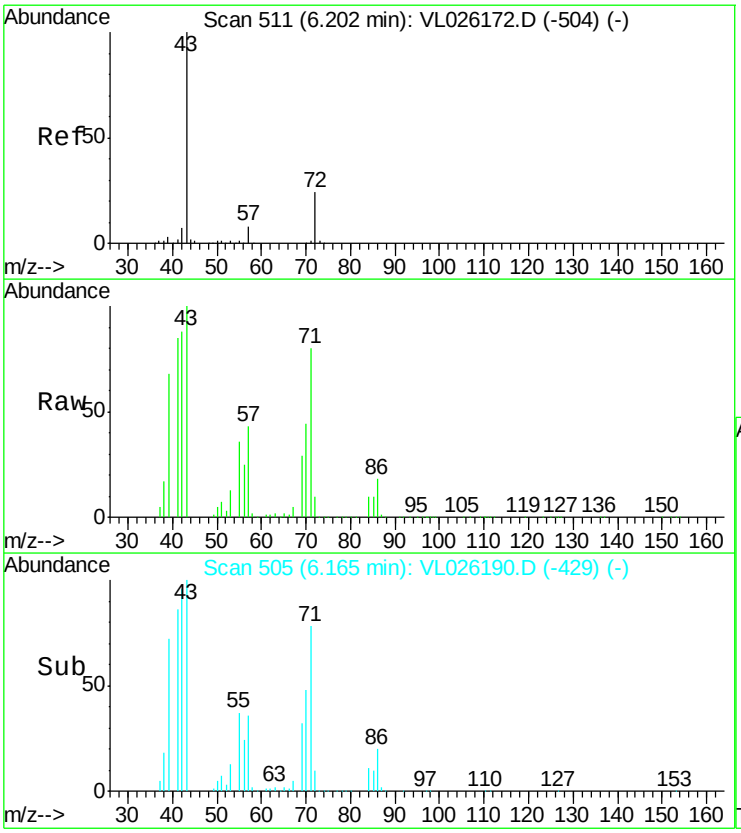
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.49 min Scan# 887
Delta R.T. 0.16 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 333646

Ion	Ratio	Lower	Upper
114	100		
63	0.0	19.0	28.6#
88	0.0	13.8	20.8#

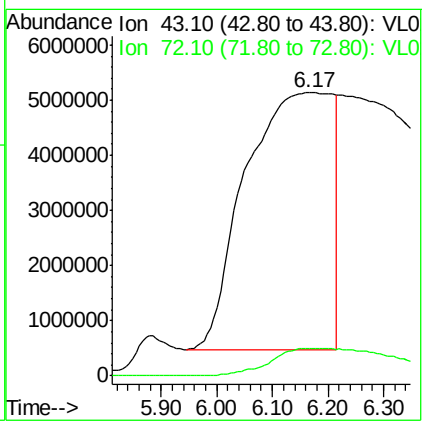


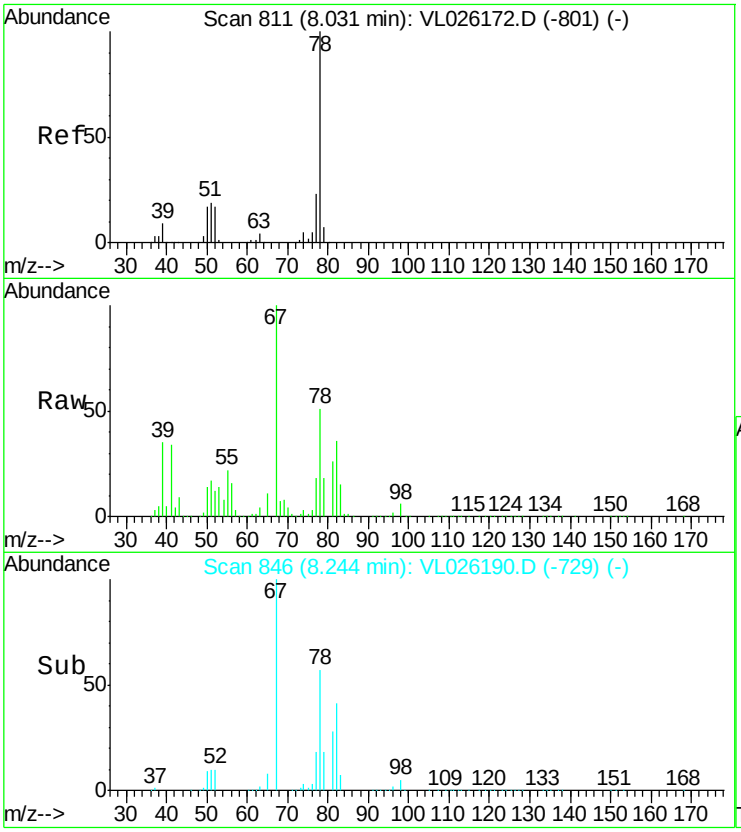


#34
2-Butanone
Concen: 2714.77 ppbv
RT: 6.17 min Scan# 505
Delta R.T. -0.04 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Tgt Ion: 43 Resp:50416802

Ion	Ratio	Lower	Upper
43	100		
72	16.8	19.6	29.4#



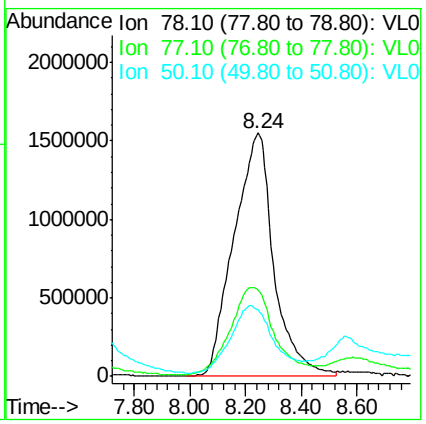


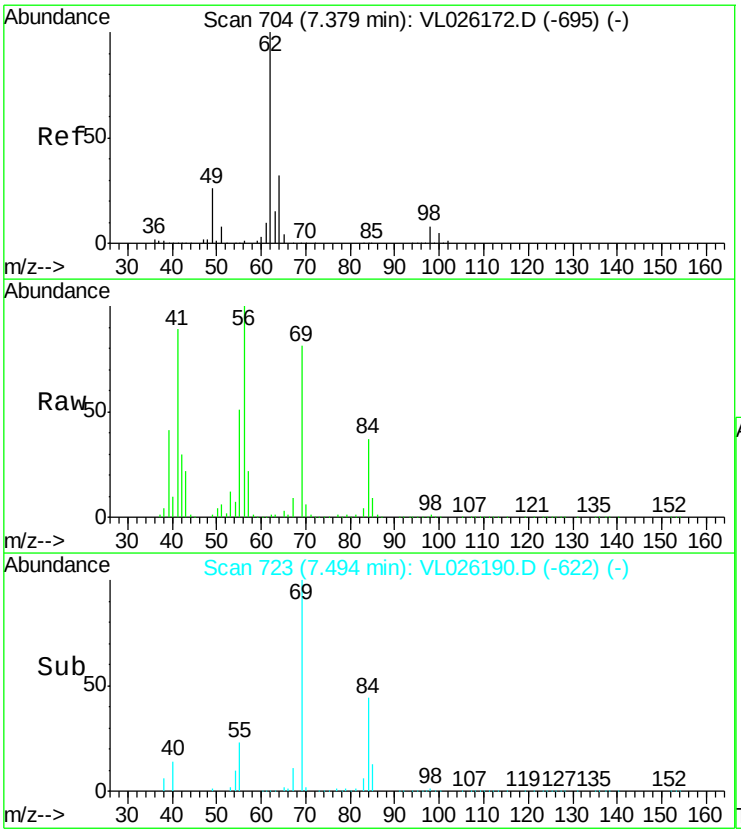
#36
Benzene
Concen: 482.11 ppbv
RT: 8.24 min Scan# 846
Delta R.T. 0.21 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 78 Resp:15384260

Ion	Ratio	Lower	Upper
78	100		
77	34.6	18.2	27.4#
50	25.9	13.4	20.2#

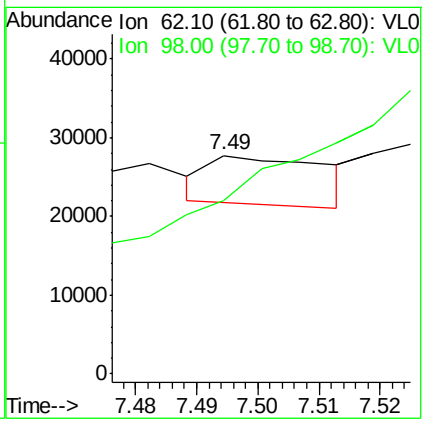


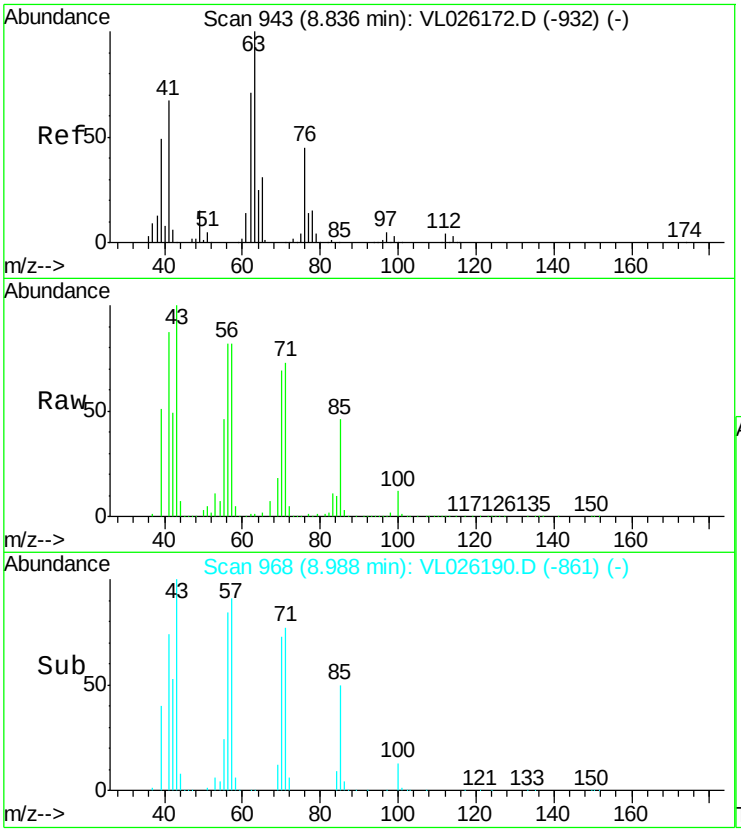


#37
1,2-Dichloroethane
Concen: 0.48 ppbv
RT: 7.49 min Scan# 723
Delta R.T. 0.12 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Tgt Ion: 62 Resp: 8135

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.2	9.2#



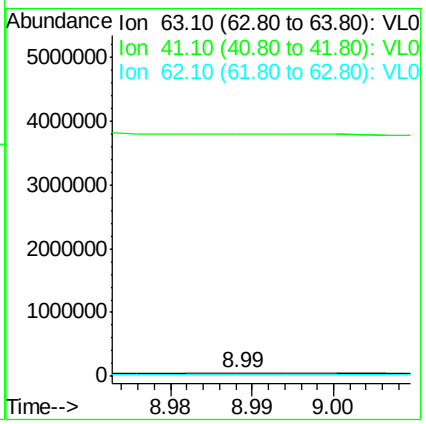


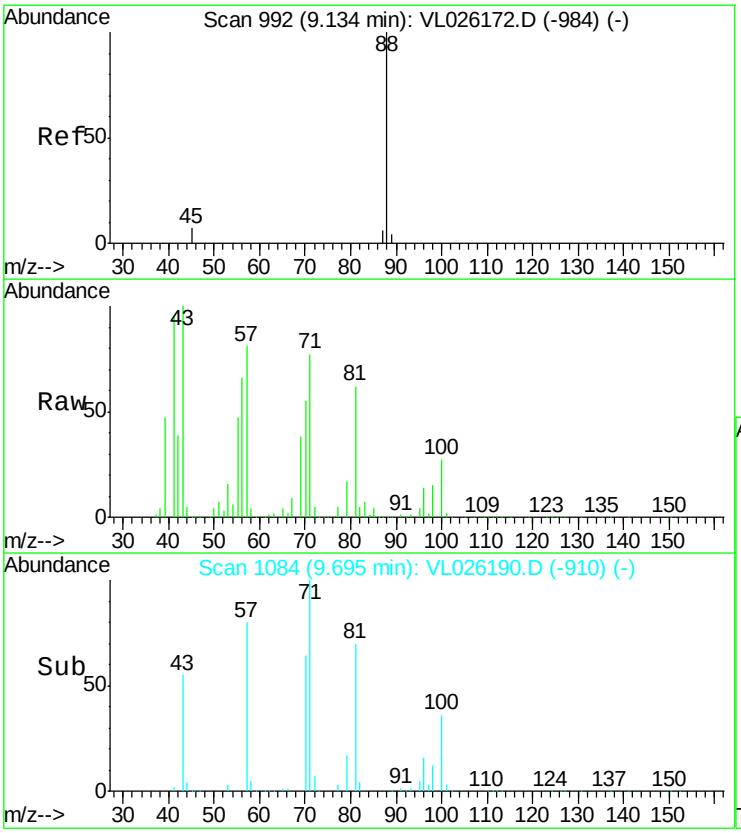
#39
1,2-Dichloropropane
Concen: 0.24 ppbv
RT: 8.99 min Scan# 968
Delta R.T. 0.15 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 2861

Ion	Ratio	Lower	Upper
63	100		
41	102.8	53.9	80.9#
62	39.2	57.1	85.7#

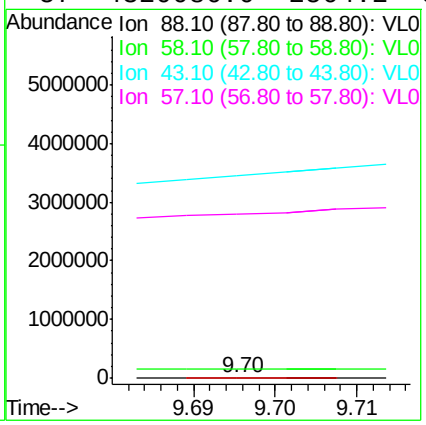


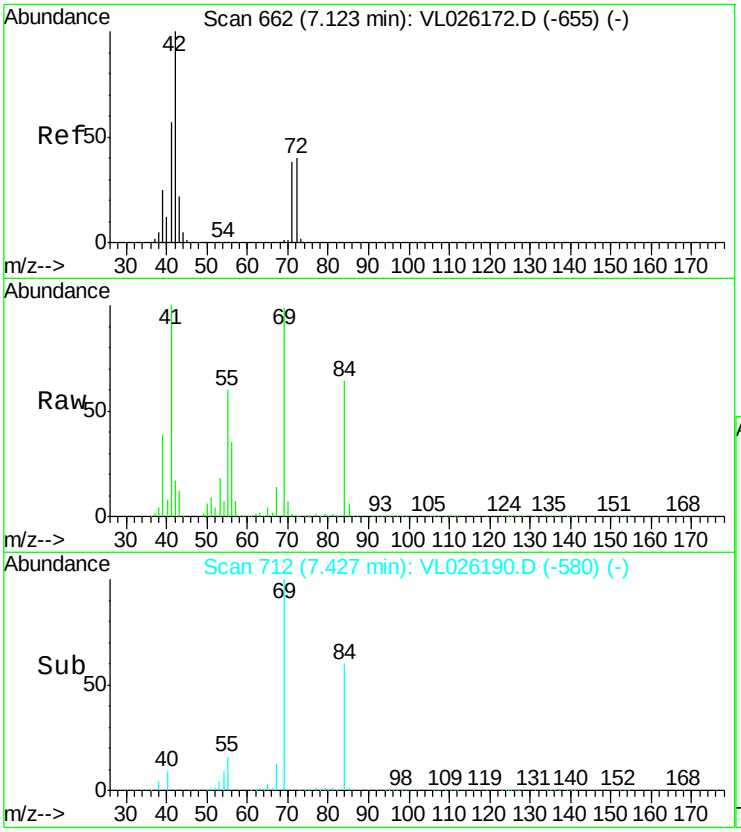


#40
1,4-Dioxane
Concen: 0.13 ppbv
RT: 9.70 min Scan# 1084
Delta R.T. 0.56 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Tgt Ion: 88 Resp: 258

Ion	Ratio	Lower	Upper
88	100		
58	229262.0	178.4	267.6#
43	0.0	510.2	765.4#
57	4320086.0	2564.2	3846.4#



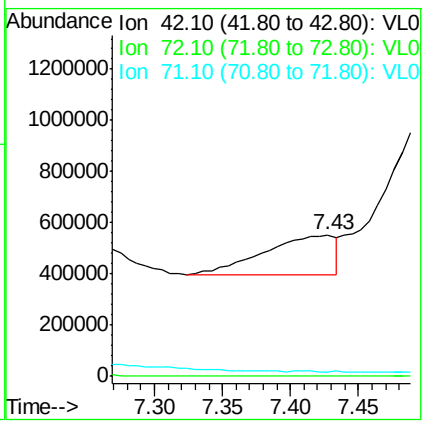


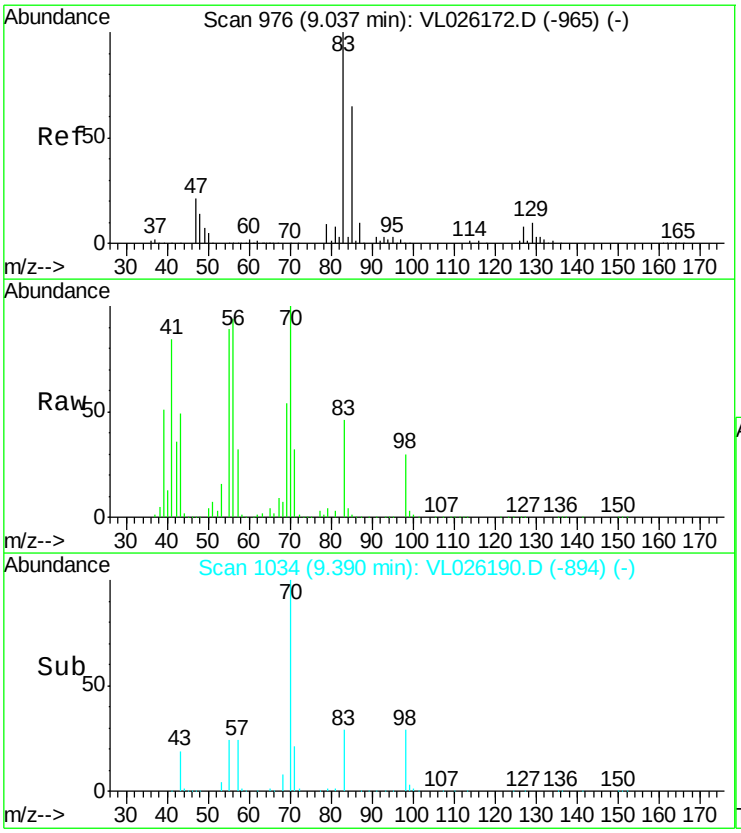
#41
Tetrahydrofuran
Concen: 53.85 ppbv
RT: 7.43 min Scan# 712
Delta R.T. 0.30 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 42 Resp: 563231

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

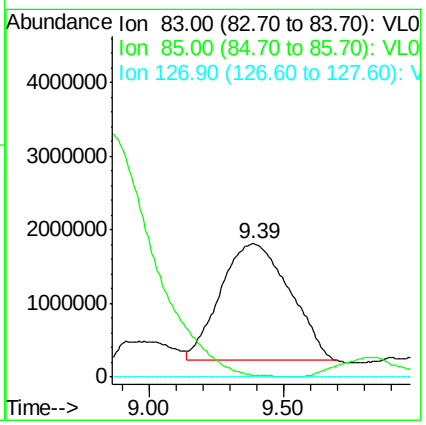


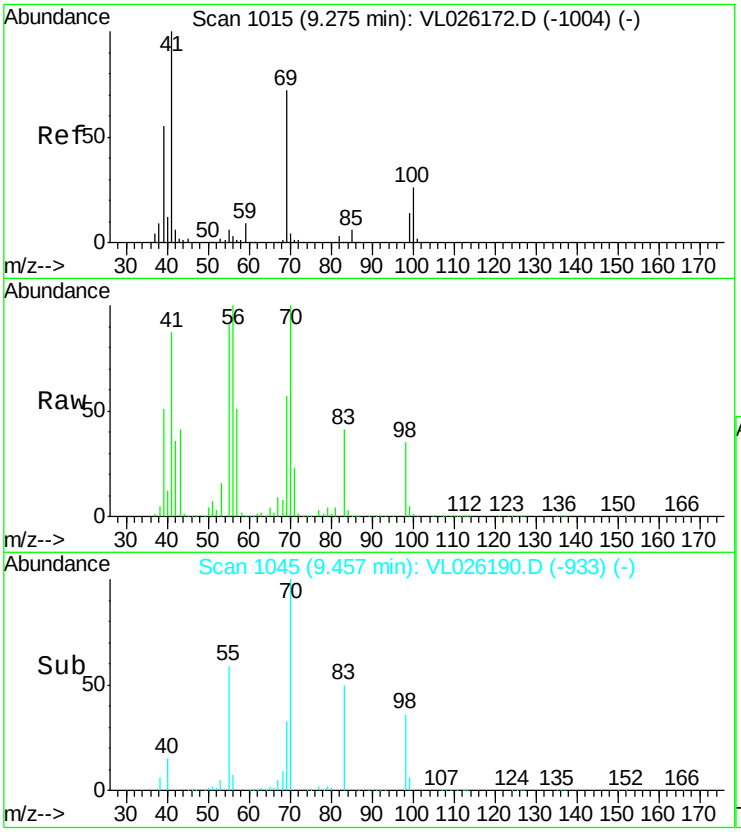


#42
Bromodichloromethane
Concen: 1261.86 ppbv
RT: 9.39 min Scan# 1034
Delta R.T. 0.35 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Tgt Ion: 83 Resp:28389906

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



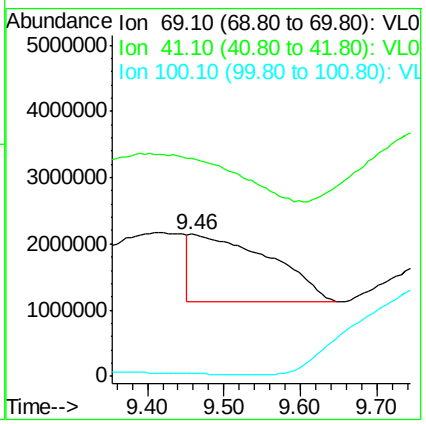


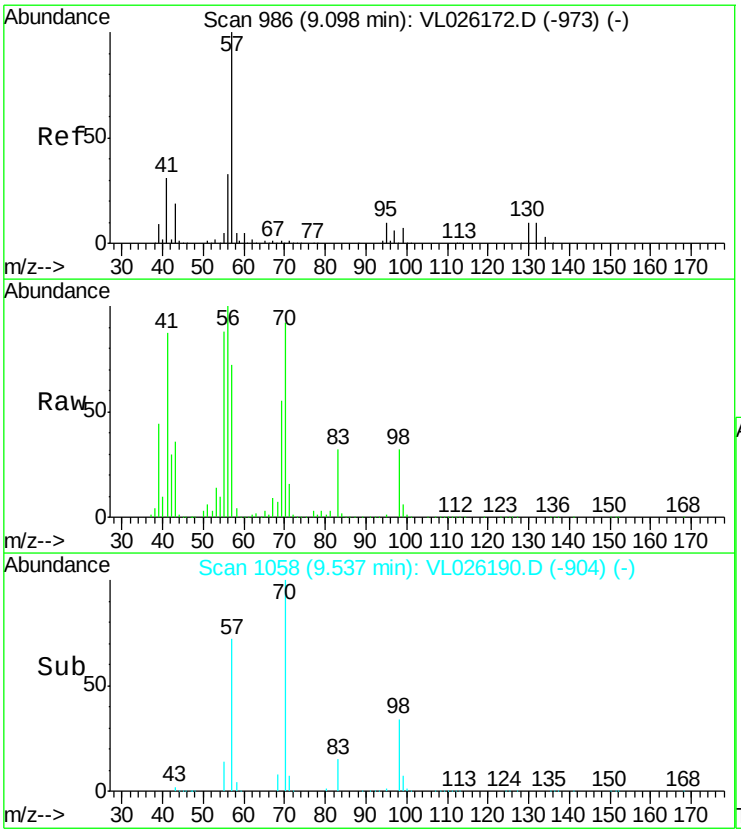
#43
Methyl Methacrylate
Concen: 654.18 ppbv
RT: 9.46 min Scan# 1045
Delta R.T. 0.18 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 69 Resp: 7352304

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

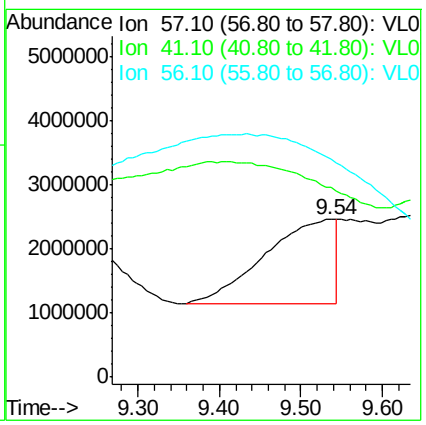


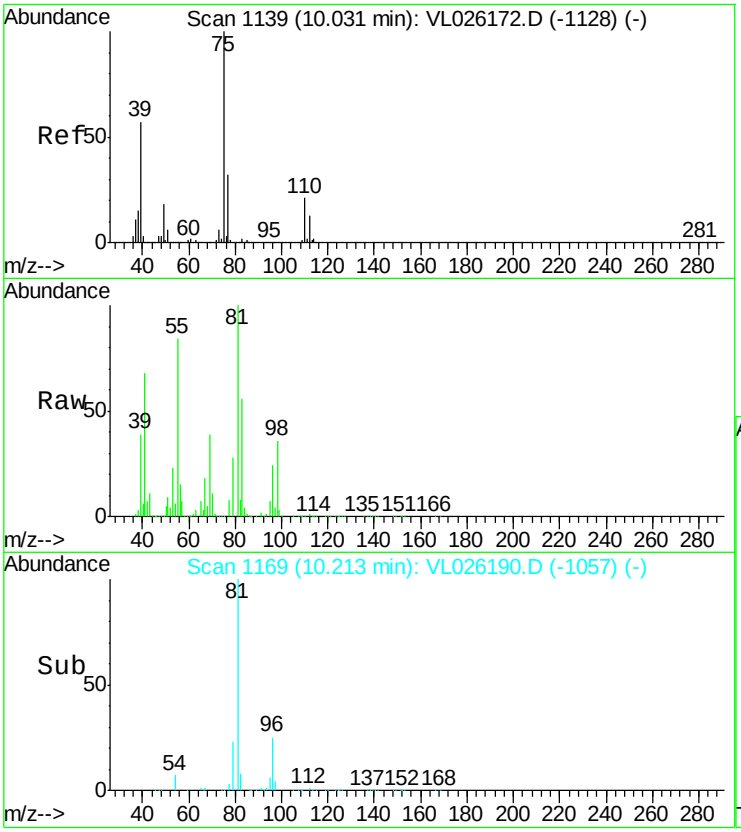


#44
2,2,4-Trimethylpentane
Concen: 149.12 ppbv
RT: 9.54 min Scan# 1058
Delta R.T. 0.44 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Tgt Ion: 57 Resp: 7912077

Ion	Ratio	Lower	Upper
57	100		
41	127.9	23.7	35.5#
56	390.4	26.4	39.6#



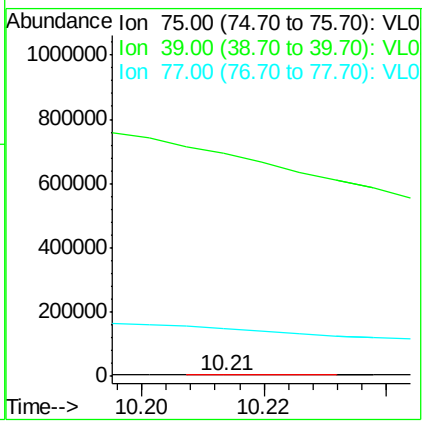


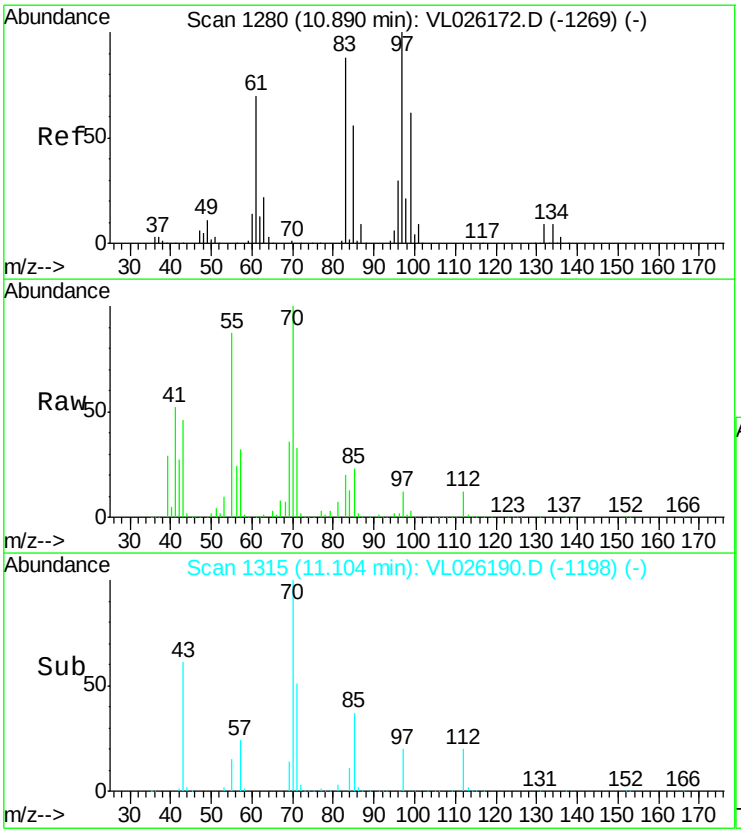
#46
cis-1,3-Dichloropropene
Concen: 0.04 ppbv
RT: 10.21 min Scan# 1169
Delta R.T. 0.18 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 75 Resp: 689

Ion	Ratio	Lower	Upper
75	100		
39	8003.0	45.4	68.2#
77	2025.6	25.4	38.2#

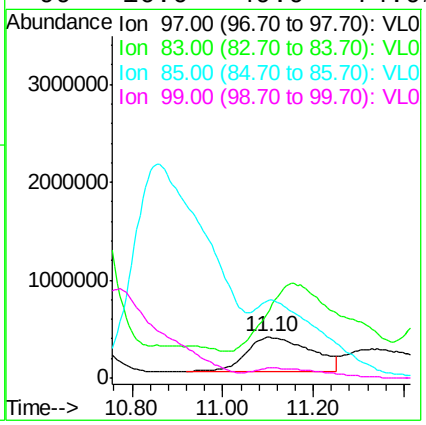


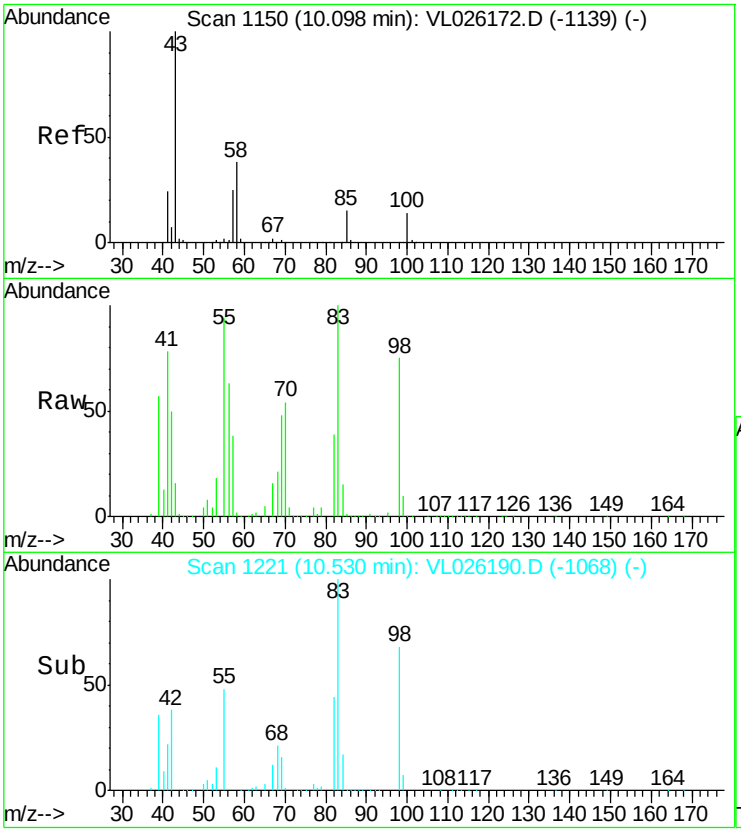


#47
1,1,2-Trichloroethane
Concen: 248.68 ppbv
RT: 11.10 min Scan# 1315
Delta R.T. 0.21 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Tgt Ion: 97 Resp: 3536032

Ion	Ratio	Lower	Upper
97	100		
83	105.6	70.6	106.0
85	122.4	45.1	67.7#
99	16.0	49.9	74.9#



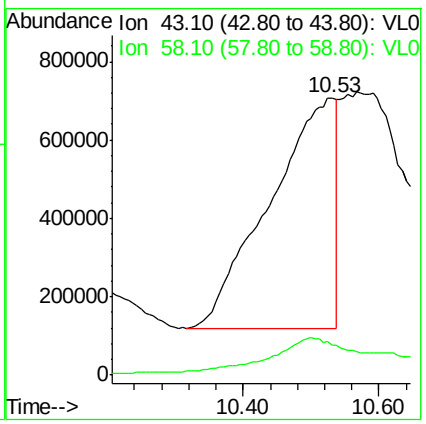


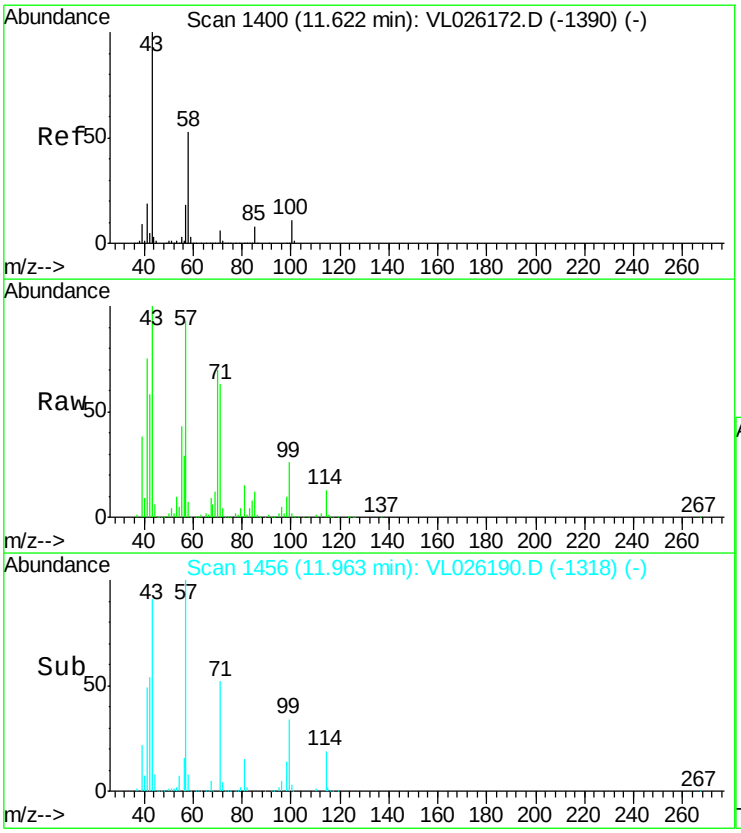
#50
4-Methyl-2-Pentanone
Concen: 160.43 ppbv
RT: 10.53 min Scan# 1221
Delta R.T. 0.43 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 3939532

Ion	Ratio	Lower	Upper
43	100		
58	23.8	30.4	45.6#

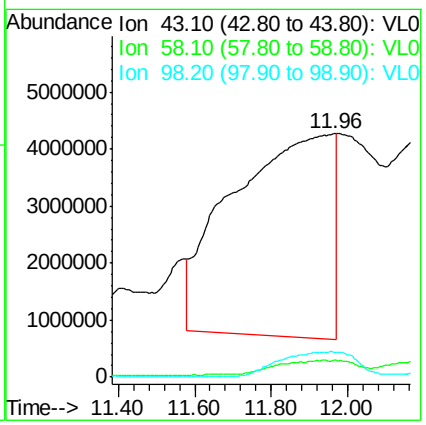


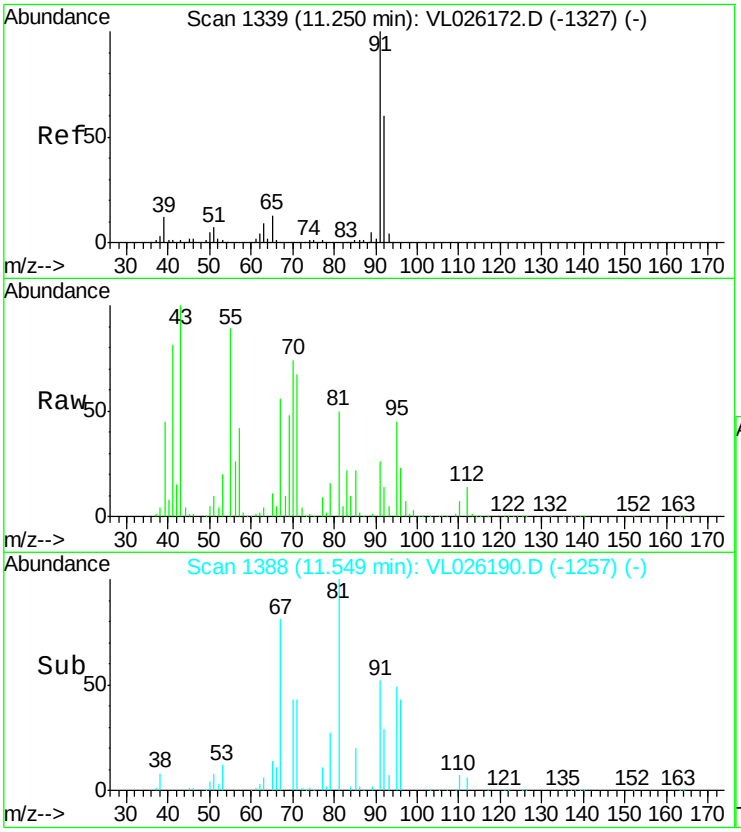


#51
2-Hexanone
Concen: 2967.41 ppbv
RT: 11.96 min Scan# 1456
Delta R.T. 0.34 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Tgt Ion: 43 Resp:65514968

Ion	Ratio	Lower	Upper
43	100		
58	6.4	42.2	63.4#
98	9.2	0.2	0.2#



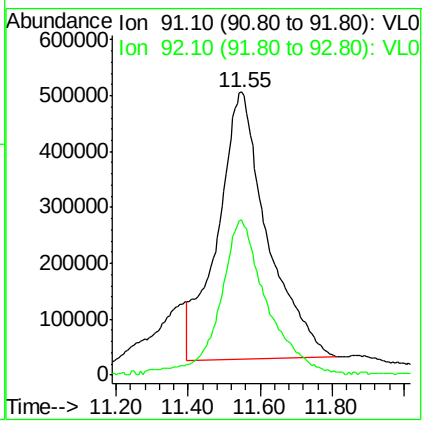


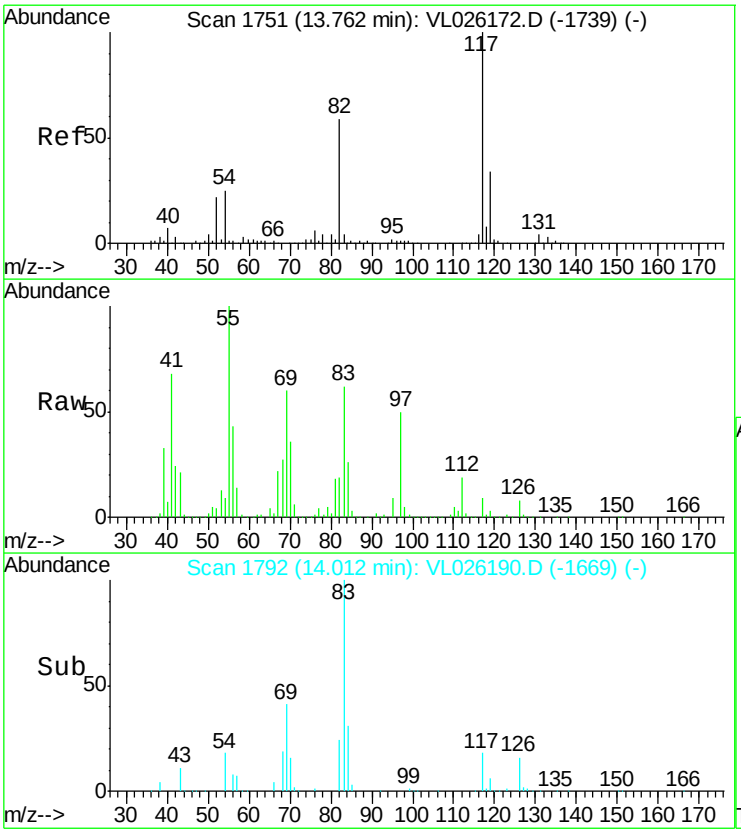
#53
Toluene
Concen: 111.54 ppbv
RT: 11.55 min Scan# 1388
Delta R.T. 0.30 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 4586468

Ion	Ratio	Lower	Upper
91	100		
92	56.0	48.5	72.7

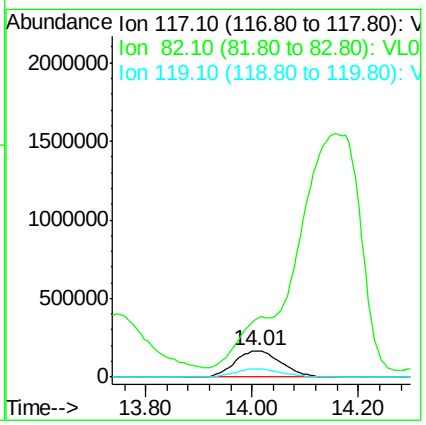


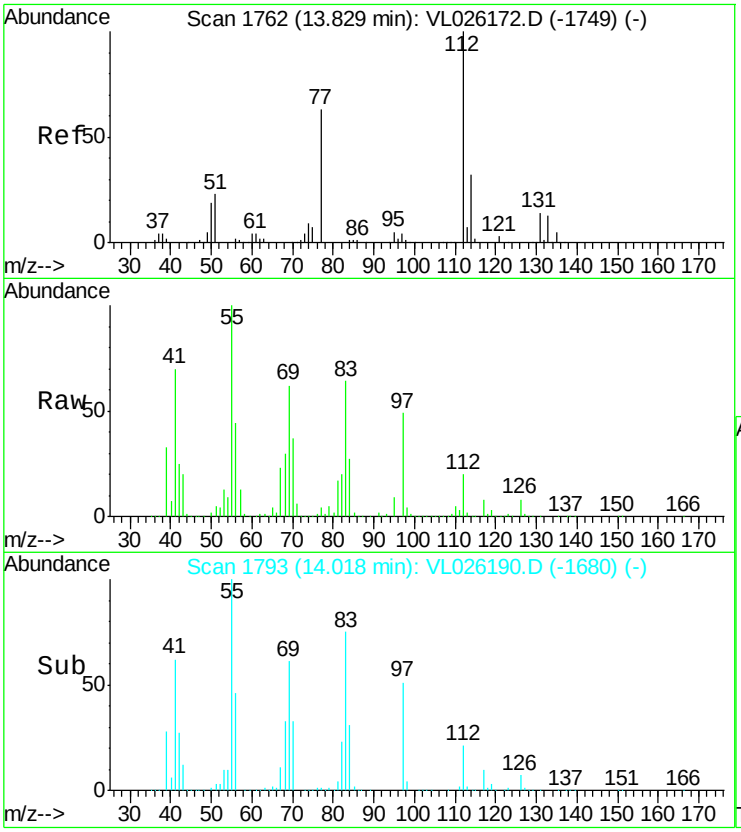


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 14.01 min Scan# 1792
Delta R.T. 0.25 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Tgt Ion:117 Resp: 1005482

Ion	Ratio	Lower	Upper
117	100		
82	1290.3	47.7	71.5#
119	32.0	43.7	65.5#



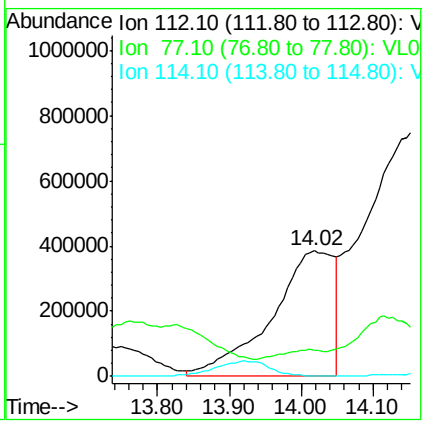


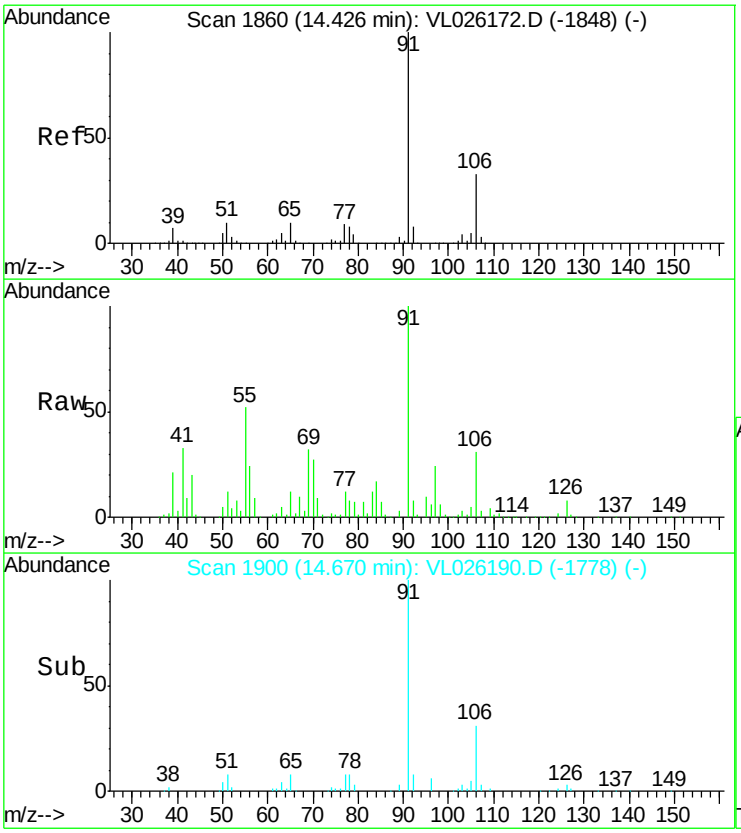
#57
Chlorobenzene
Concen: 25.48 ppbv
RT: 14.02 min Scan# 1793
Delta R.T. 0.19 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:112 Resp: 2312377

Ion	Ratio	Lower	Upper
112	100		
77	0.0	51.0	76.4#
114	0.2	29.0	35.4#

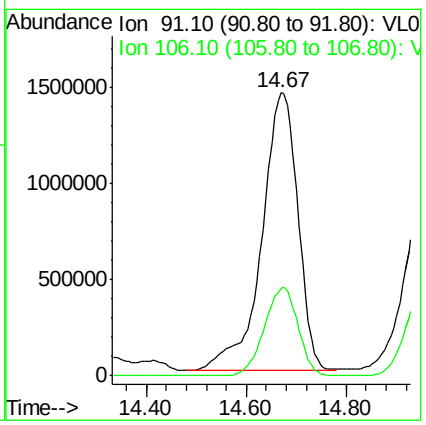


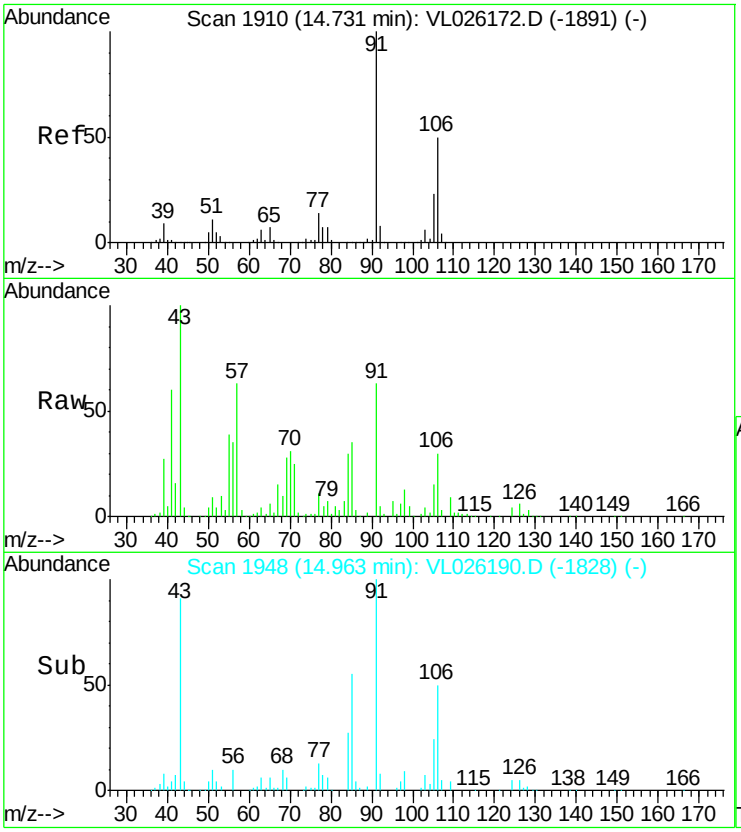


#58
Ethyl Benzene
Concen: 49.91 ppbv
RT: 14.67 min Scan# 1900
Delta R.T. 0.24 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Tgt Ion: 91 Resp: 7288724

Ion	Ratio	Lower	Upper
91	100		
106	31.5	26.1	39.1



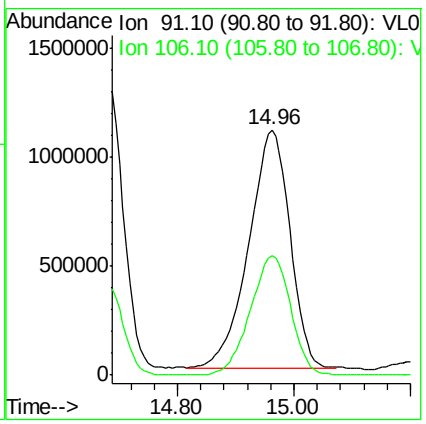


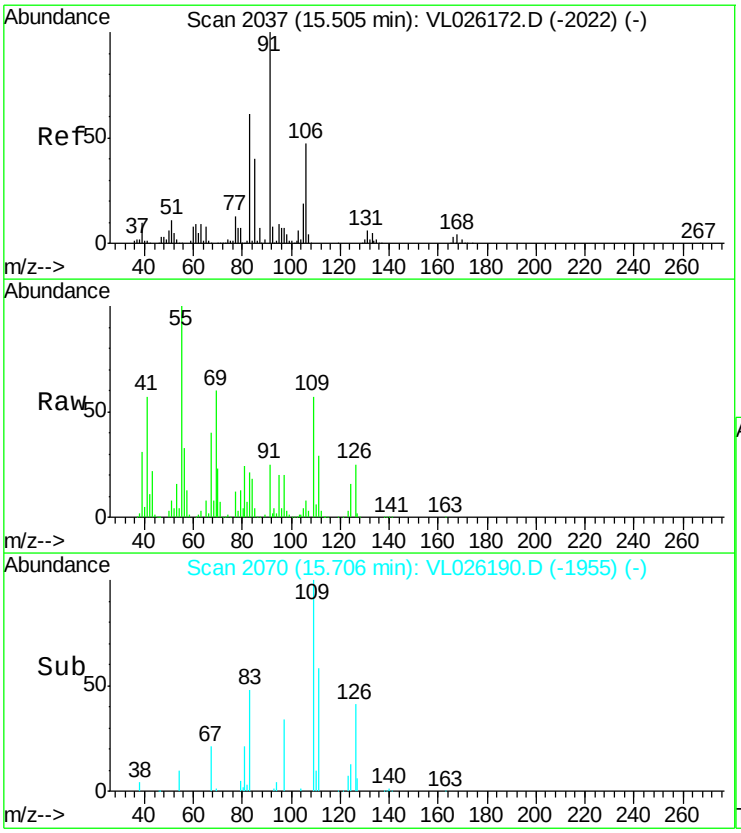
#59
m/p-Xylene
Concen: 45.92 ppbv
RT: 14.96 min Scan# 1948
Delta R.T. 0.23 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 5382296

Ion	Ratio	Lower	Upper
91	100		
106	48.9	40.2	60.4

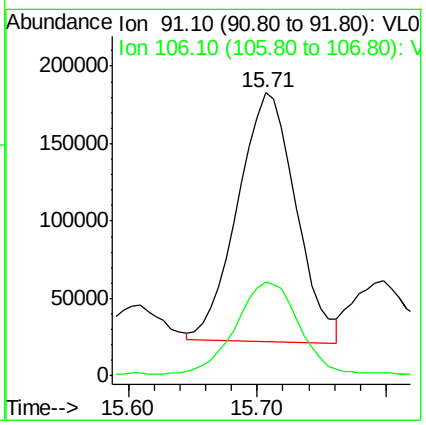


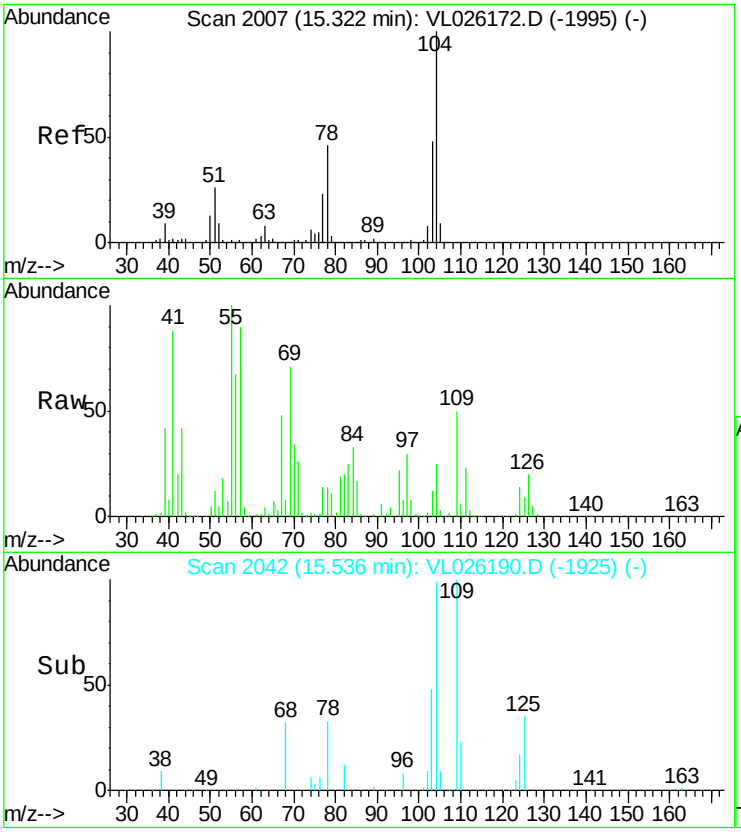


#60
o-Xylene
Concen: 4.12 ppbv
RT: 15.71 min Scan# 2070
Delta R.T. 0.20 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Tgt Ion: 91 Resp: 506001

Ion	Ratio	Lower	Upper
91	100		
106	43.6	23.4	70.3



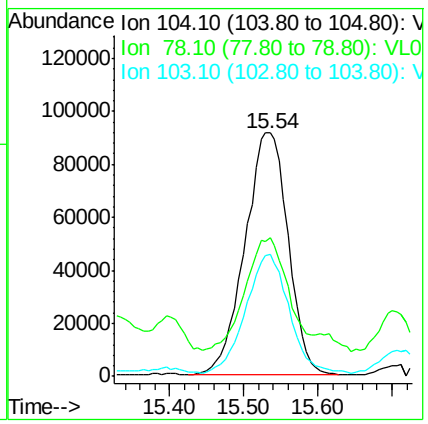


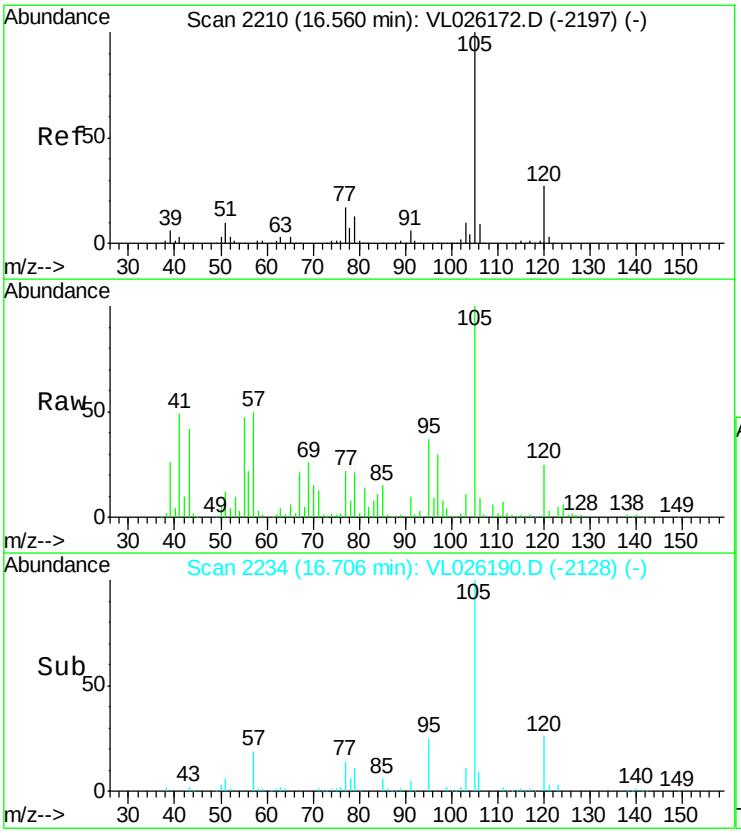
#61
Stvrene
Concen: 7.41 ppbv
RT: 15.54 min Scan# 2042
Delta R.T. 0.21 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:104 Resp: 372163

Ion	Ratio	Lower	Upper
104	100		
78	51.2	36.1	54.1
103	49.5	37.5	56.3

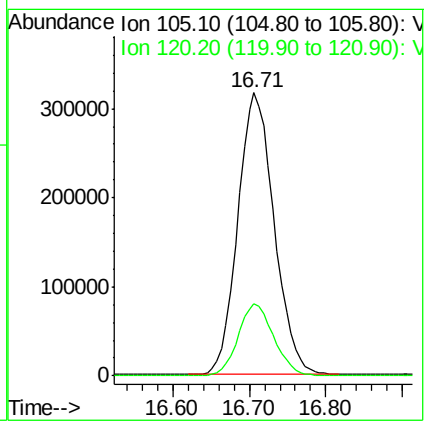


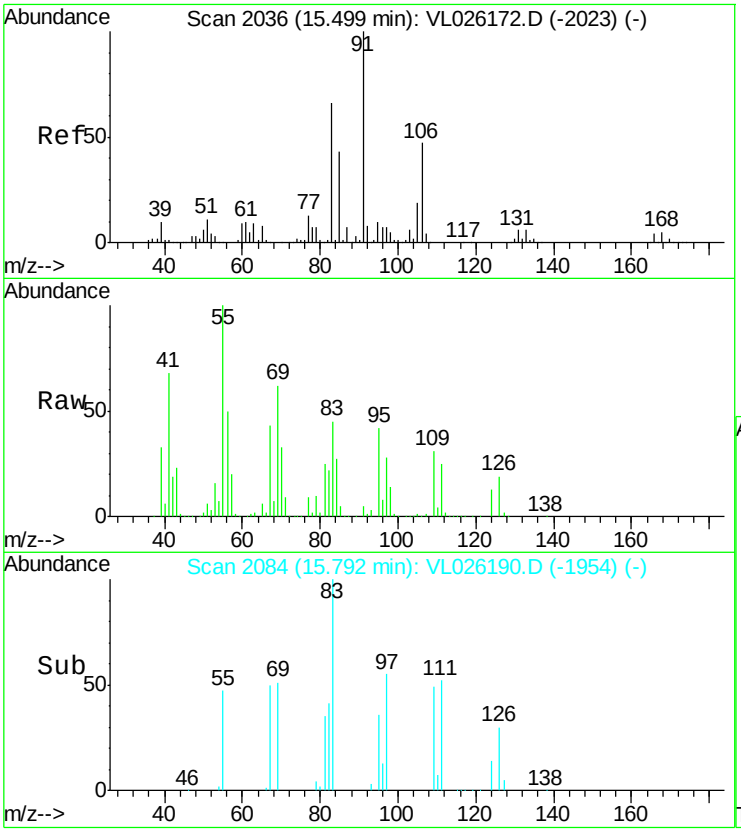


#62
Isopropylbenzene
Concen: 6.44 ppbv
RT: 16.71 min Scan# 2234
Delta R.T. 0.15 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Tgt Ion:105 Resp: 1043088

Ion	Ratio	Lower	Upper
105	100		
120	25.2	21.8	32.6



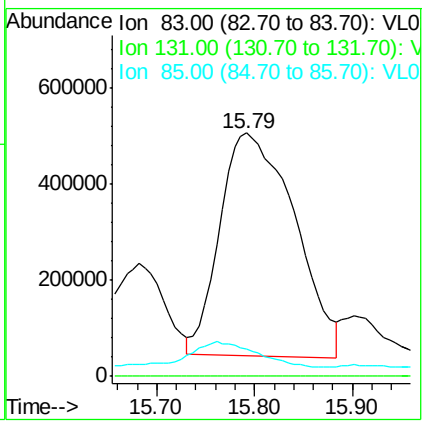


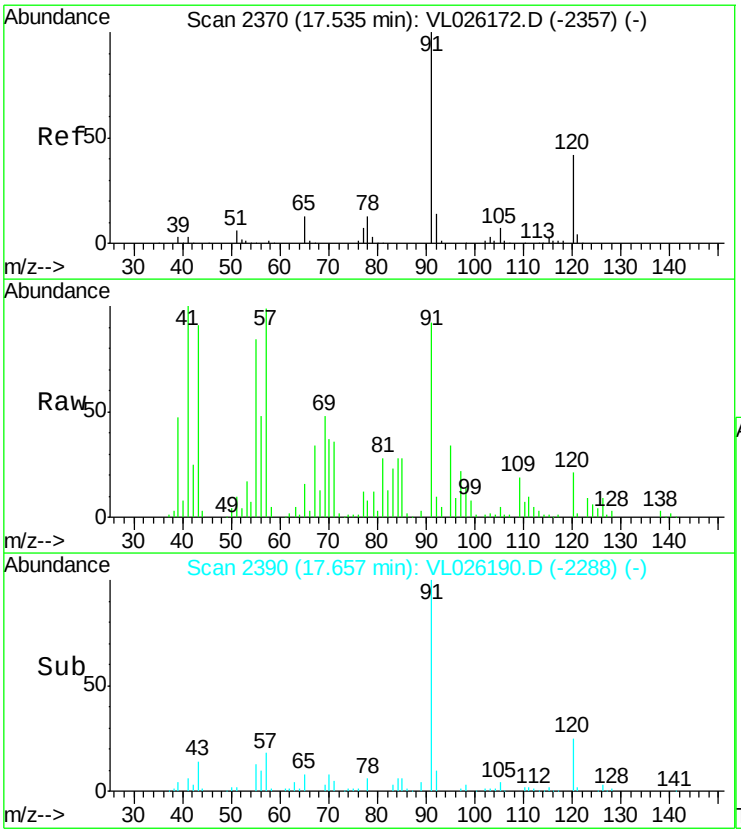
#63
1,1,2,2-Tetrachloroethane
Concen: 26.96 ppbv
RT: 15.79 min Scan# 2084
Delta R.T. 0.29 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 2460805

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.5	13.7#
85	11.8	32.6	97.7#

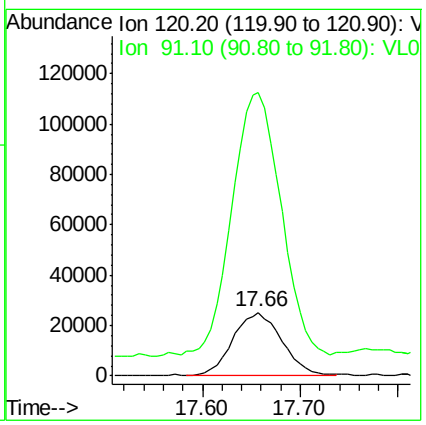


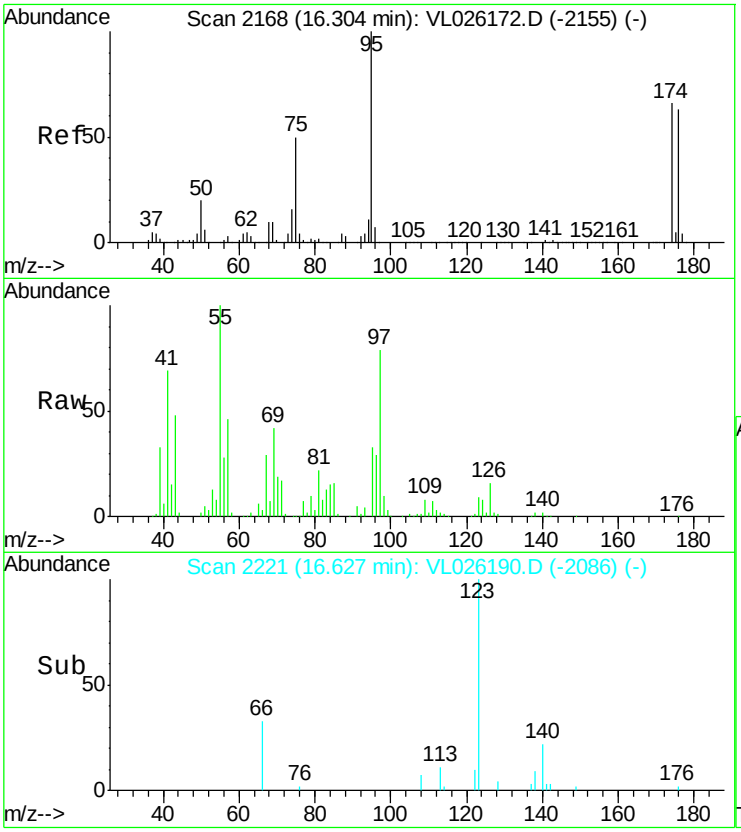


#64
n-propylbenzene
Concen: 2.02 ppbv
RT: 17.66 min Scan# 2390
Delta R.T. 0.12 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Tgt Ion:120 Resp: 88243

Ion	Ratio	Lower	Upper
120	100		
91	430.0	353.4	530.2



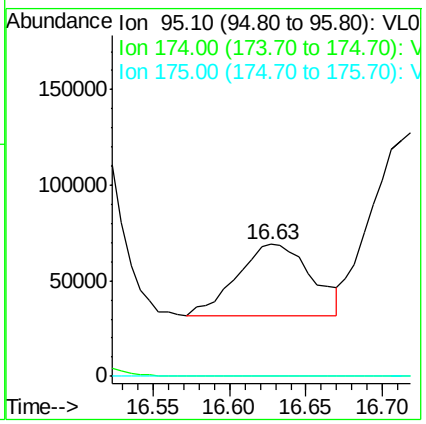


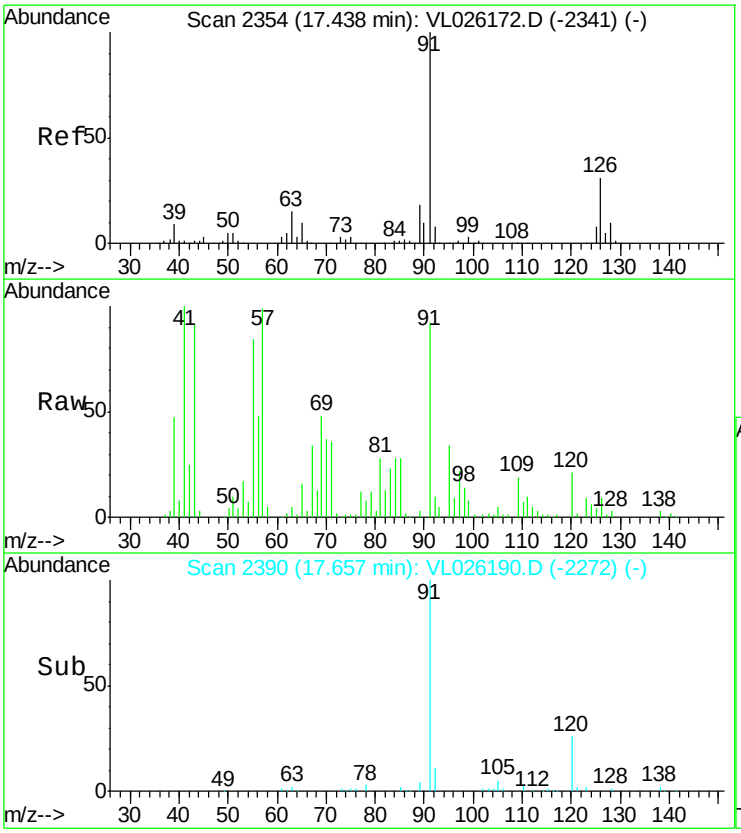
#68
1-Bromo-4-Fluorobenzene
Concen: 1.63 ppbv
RT: 16.63 min Scan# 2221
Delta R.T. 0.32 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 125930

Ion	Ratio	Lower	Upper
95	100		
174	0.0	52.2	78.4#
175	0.4	3.9	5.9#

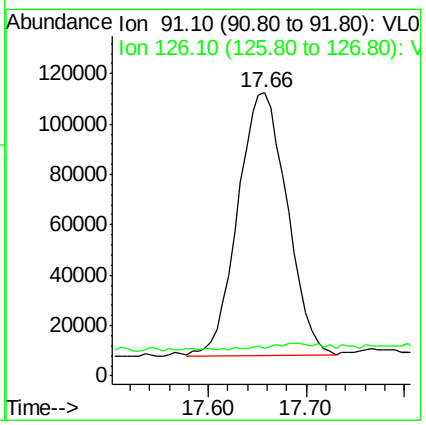


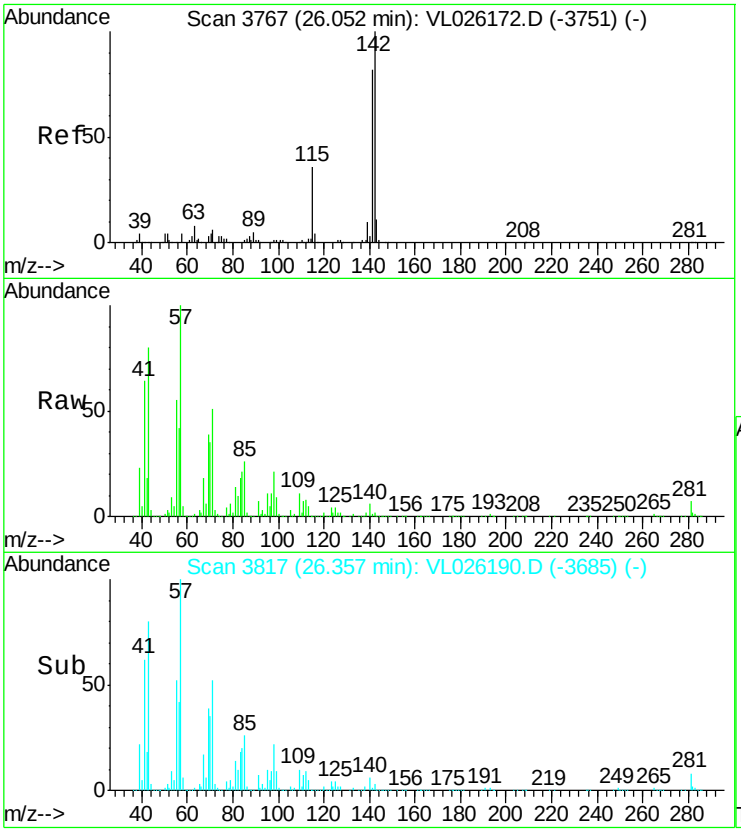


#71
2-Chlorotoluene
Concen: 3.08 ppbv
RT: 17.66 min Scan# 2390
Delta R.T. 0.22 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Tgt Ion: 91 Resp: 363731

Ion	Ratio	Lower	Upper
91	100		
126	4.9	12.8	51.2#





#80
Naphthalene,2-methyl-
Concen: 32.29 ppbv
RT: 26.36 min Scan# 3817
Delta R.T. 0.30 min
Lab File: VL026190.D
Acq: 10 Oct 2015 00:14

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:142 Resp: 587825

Ion	Ratio	Lower	Upper
142	100		
141	102.6	66.6	99.8#
115	0.0	28.4	42.6#