Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL102915\
Data File : VL026274.D
Acq On : 29 Oct 2015 21:03
Operator : SY/AP
Sample : G4169-03DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Oct 29 23:03:01 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL102915AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 29 14:29:54 2015
QLast Update : Thu Oct 29 14:29:54 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.67	49	585742	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	8.35	114	1624101	10.00	ppbv	-0.02
55) Chlorobenzene-d5	13.77	117	1891702	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	16.32	95	1463516	10.20	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.65	85	8929	0.07	ppbv #	85
3) Chlorodifluoromethane	3.59	51	32620	0.44	ppbv #	92
4) Chloromethane	3.76	50	2347	0.06	ppbv #	85
8) Dichlorotetrafluoroethane	3.84	85	1910	0.02	ppbv #	14
9) Propene	3.61	41	34350	0.97	ppbv	93
10) Heptane	9.38	43	46105	0.39	ppbv #	80
11) Trichlorofluoromethane	4.71	101	2852	0.02	ppbv #	77
13) Ethanol	4.34	45	2916	0.55	ppbv	85
15) Acetone	4.61	43	1013056	13.06	ppbv	98
16) 1,3-Butadiene	3.96	39	120678	3.16	ppbv #	15
17) tert-Butyl alcohol	5.13	59	610987	10.98	ppbv	96
19) Isopropyl Alcohol	4.76	45	8977	0.27	ppbv #	24
20) Methylene Chloride	5.17	84	4913	0.15	ppbv #	80
21) Allyl Chloride	5.13	41	144597	2.65	ppbv #	55
23) Vinyl Acetate	5.98	43	5109	0.03	ppbv #	26
25) Ethyl Acetate	6.68	43	19176	0.12	ppbv #	75
26) Hexane	6.68	57	31091	0.39	ppbv #	56
27) Carbon Disulfide	5.41	76	4028	0.04	ppbv #	87
28) Methyl tert-Butyl Ether	5.98	73	1411	0.01	ppbv #	1
30) Cyclohexane	8.30	84	6425	0.08	ppbv #	1
34) 2-Butanone	6.23	43	62446	0.64	ppbv	93
36) Benzene	8.04	78	114085	0.66	ppbv	99
37) 1,2-Dichloroethane	7.39	62	6868	0.08	ppbv #	17
38) Trichloroethene	9.09	130	196804	2.38	ppbv	98
41) Tetrahydrofuran	7.16	42	9246	0.16	ppbv #	38
42) Bromodichloromethane	9.04	83	1560	0.01	ppbv #	79
43) Methyl Methacrylate	9.28	69	1256	0.02	ppbv #	1
44) 2,2,4-Trimethylpentane	9.10	57	3590	0.01	ppbv #	44
50) 4-Methyl-2-Pentanone	10.13	43	30028	0.23	ppbv #	74
51) 2-Hexanone	11.62	43	1438	0.01	ppbv #	25
52) Tetrachloroethene	12.83	164	2861	0.03	ppbv #	81
53) Toluene	11.27	91	30775	0.14	ppbv	99
58) Ethyl Benzene	14.44	91	236349	0.76	ppbv	98
59) m/p-Xylene	14.72	91	35152	0.14	ppbv #	100
60) o-Xylene	15.52	91	30901	0.12	ppbv	94
61) Styrene	15.34	104	7603	0.07	ppbv #	87
62) Isopropylbenzene	16.58	105	291037	0.83	ppbv	99
64) n-propylbenzene	17.56	120	4400	0.05	ppbv #	1
65) tert-Butylbenzene	18.85	119	10554	0.03	ppbv #	83
67) sec-Butylbenzene	19.44	105	6538	0.01	ppbv	99
69) p-Isopropyltoluene	19.83	119	40574	0.11	ppbv #	89

Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL102915\
Data File : VL026274.D
Acq On : 29 Oct 2015 21:03
Operator : SY/AP
Sample : G4169-03DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Oct 29 23:03:01 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL102915AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 29 14:29:54 2015
QLast Update : Thu Oct 29 14:29:54 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
71) 2-Chlorotoluene	17.55	91	20257	0.08	ppbv		69
72) 4-Ethyltoluene	17.85	105	8610	0.03	ppbv	#	84
73) 1,3,5-Trimethylbenzene	18.02	105	15260	0.06	ppbv		98
74) 1,2,4-Trimethylbenzene	18.86	105	36188	0.13	ppbv	#	79

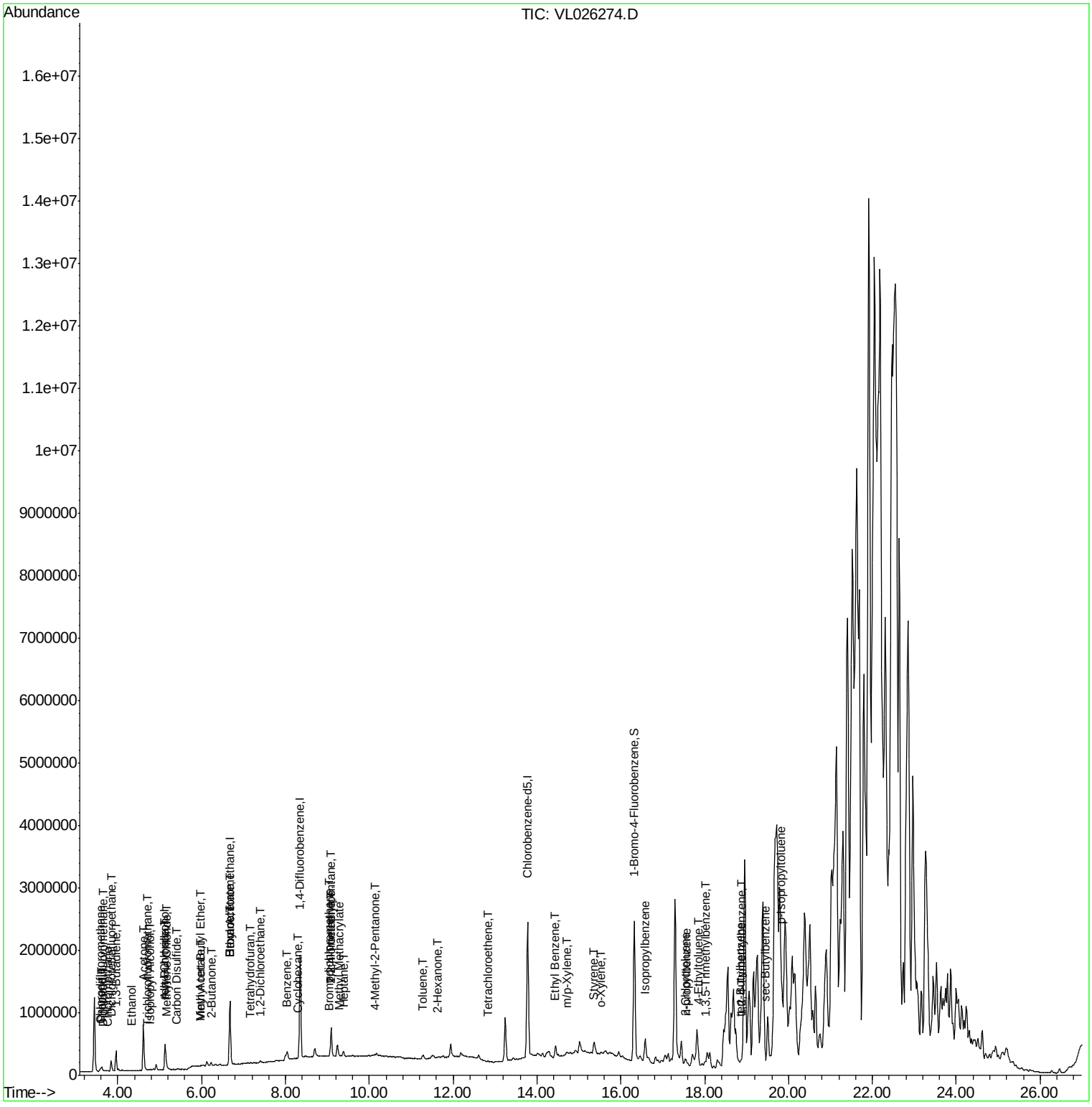
(#) = qualifier out of range (m) = manual integration (+) = signals summed

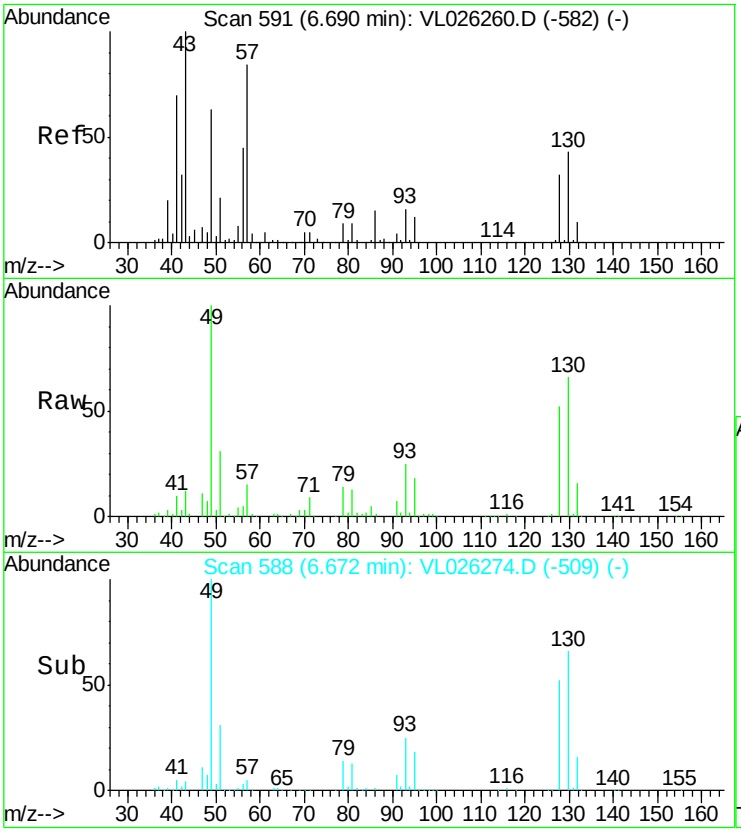
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL102915\
Data File : VL026274.D
Acq On : 29 Oct 2015 21:03
Operator : SY/AP
Sample : G4169-03DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Oct 29 23:03:01 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL102915AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 29 14:29:54 2015
QLast Update : Thu Oct 29 14:29:54 2015
Response via : Initial Calibration



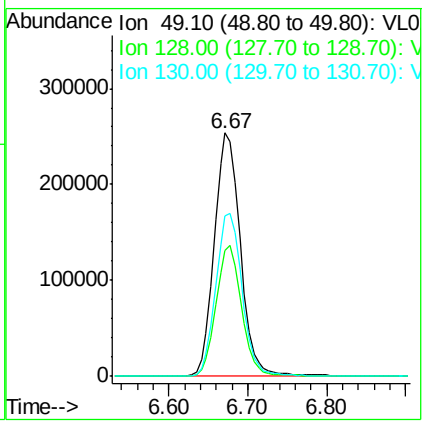


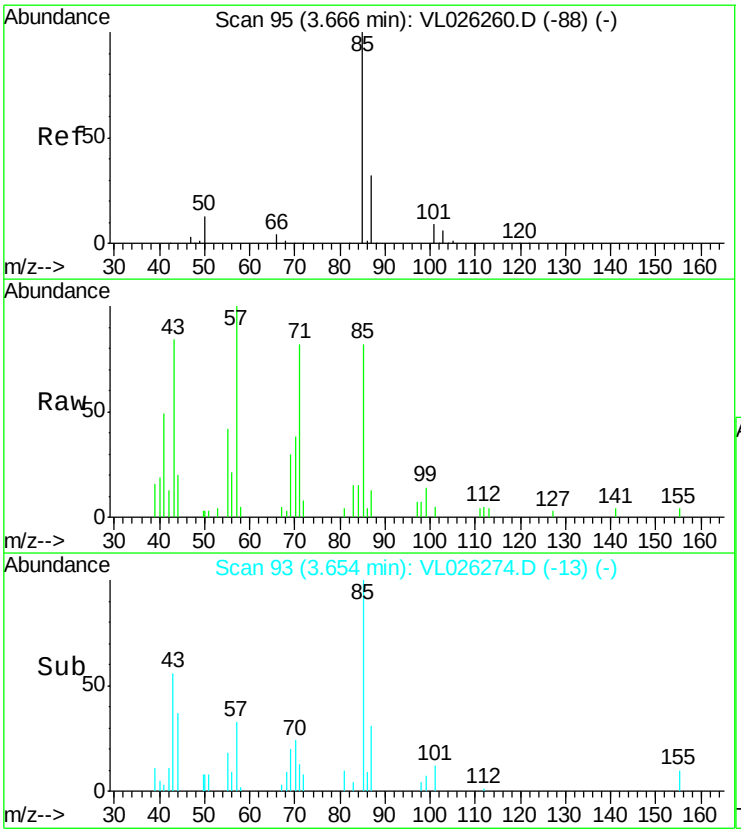
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 6.67 min Scan# 588
Delta R.T. -0.02 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 585742

Ion	Ratio	Lower	Upper
49	100		
128	53.5	26.7	80.1
130	68.3	34.4	103.2

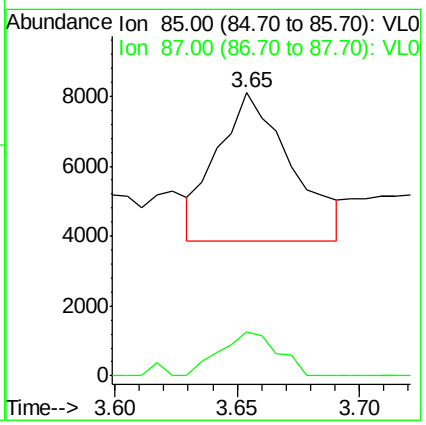


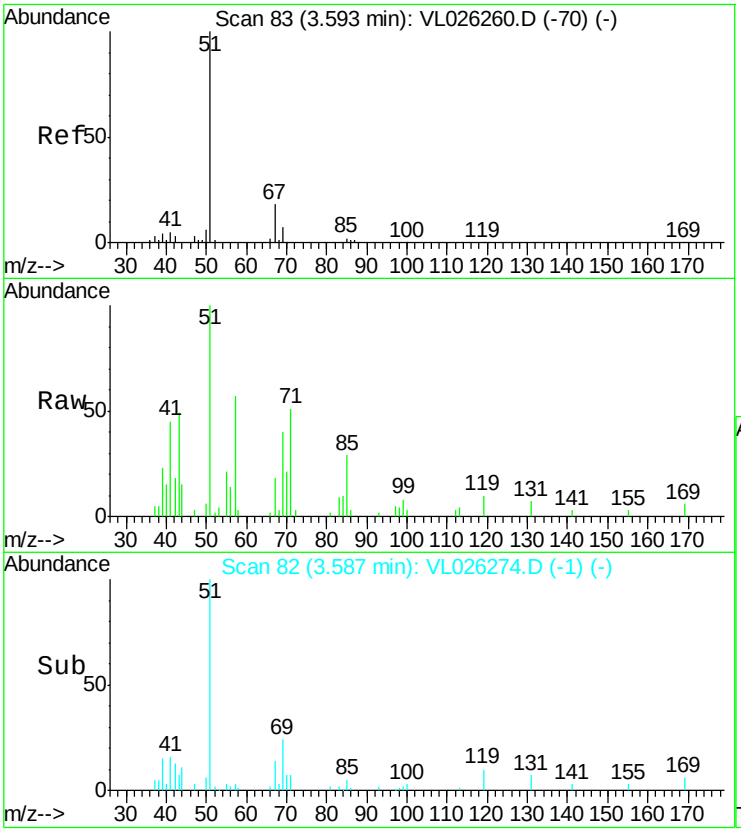


#2
Dichlorodifluoromethane
Concen: 0.07 ppbv
RT: 3.65 min Scan# 93
Delta R.T. -0.01 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Tgt Ion: 85 Resp: 8929

Ion	Ratio	Lower	Upper
85	100		
87	40.9	25.9	38.9#

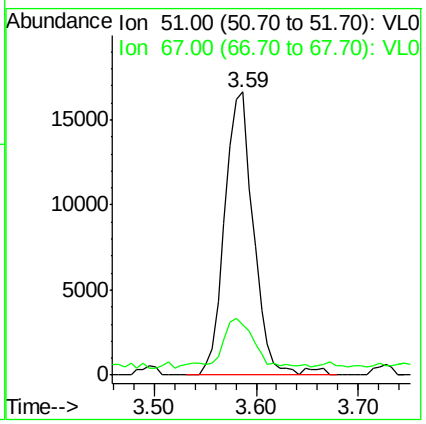




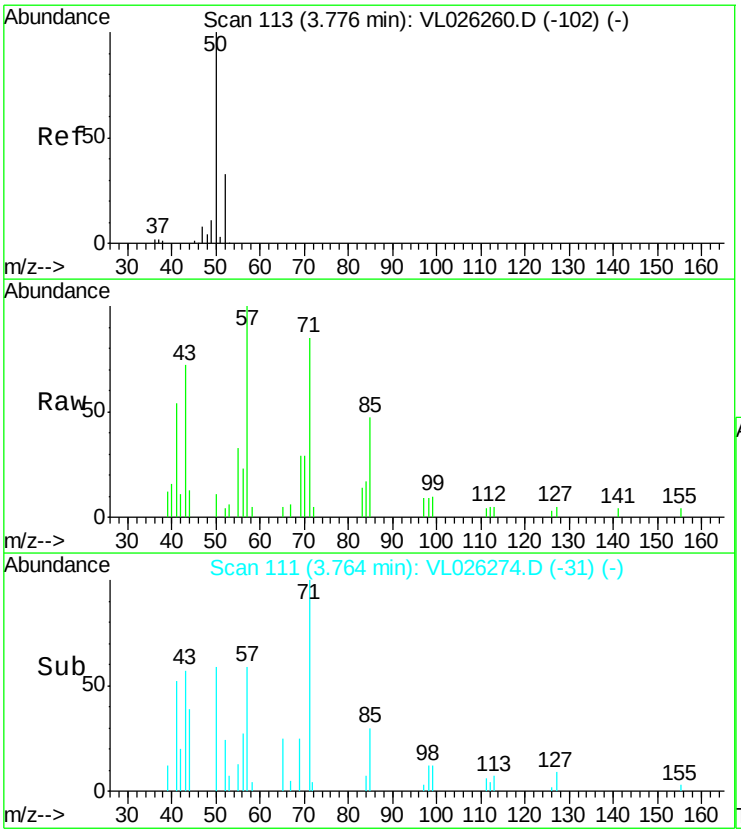
#3
Chlorodifluoromethane
Concen: 0.44 ppbv
RT: 3.59 min Scan# 82
Delta R.T. -0.01 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Tgt Ion: 51 Resp: 32620

Ion	Ratio	Lower	Upper
51	100		
67	21.9	14.5	21.7#



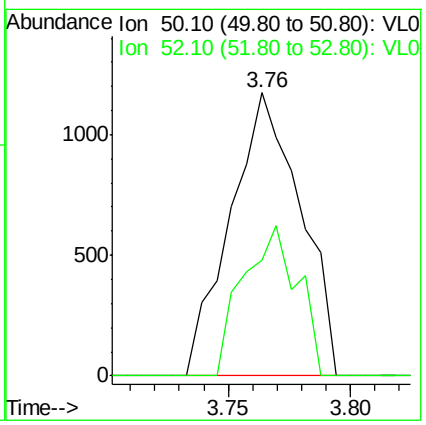
Instrument :
MSVOA_L
ClientSampleId :

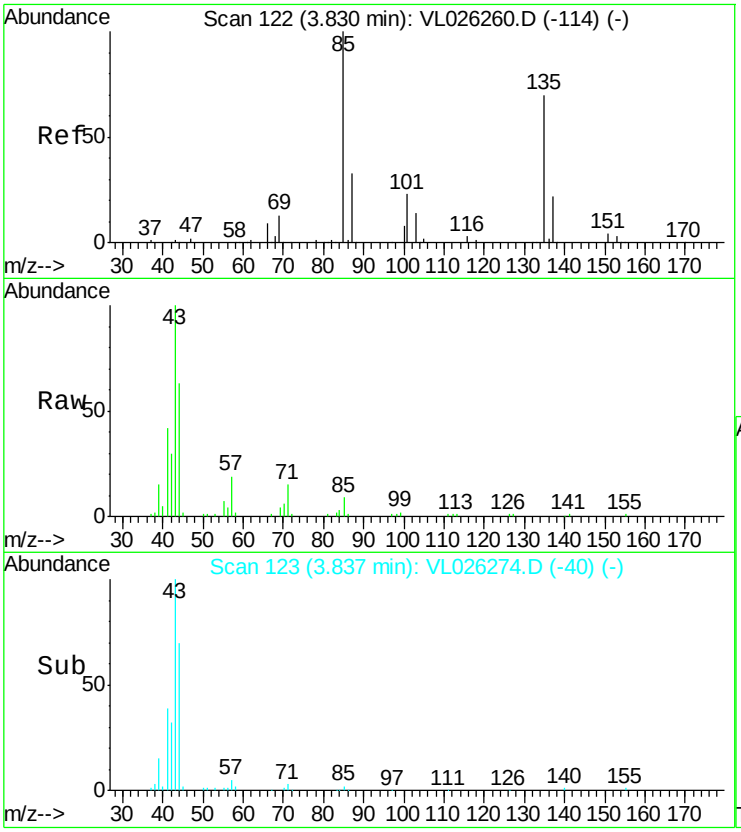


#4
Chloromethane
Concen: 0.06 ppbv
RT: 3.76 min Scan# 111
Delta R.T. -0.01 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Tgt Ion: 50 Resp: 2347

Ion	Ratio	Lower	Upper
50	100		
52	41.0	26.1	39.1#



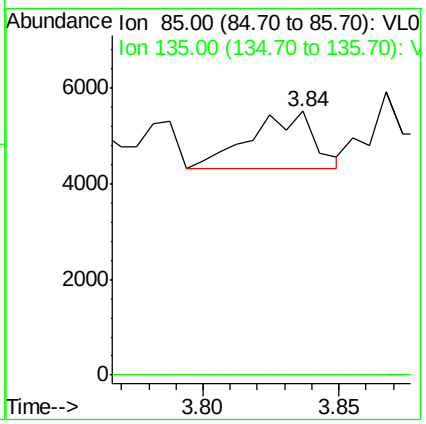


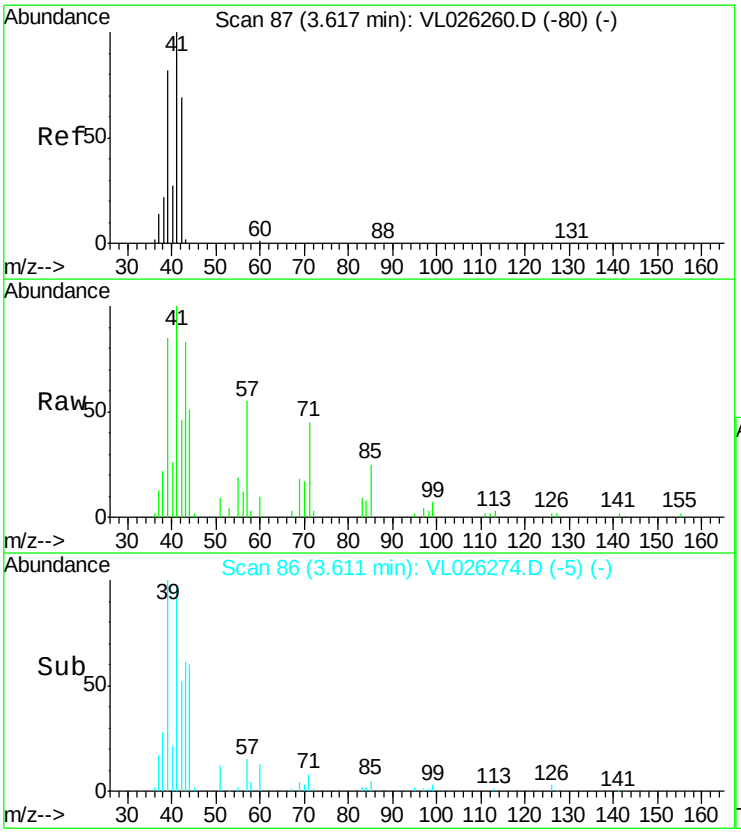
#8
Dichlorotetrafluoroethane
Concen: 0.02 ppbv
RT: 3.84 min Scan# 123
Delta R.T. 0.01 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 85 Resp: 1910

Ion	Ratio	Lower	Upper
85	100		
135	0.0	56.6	84.8#

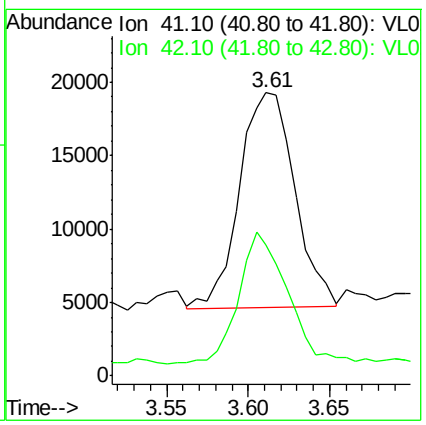


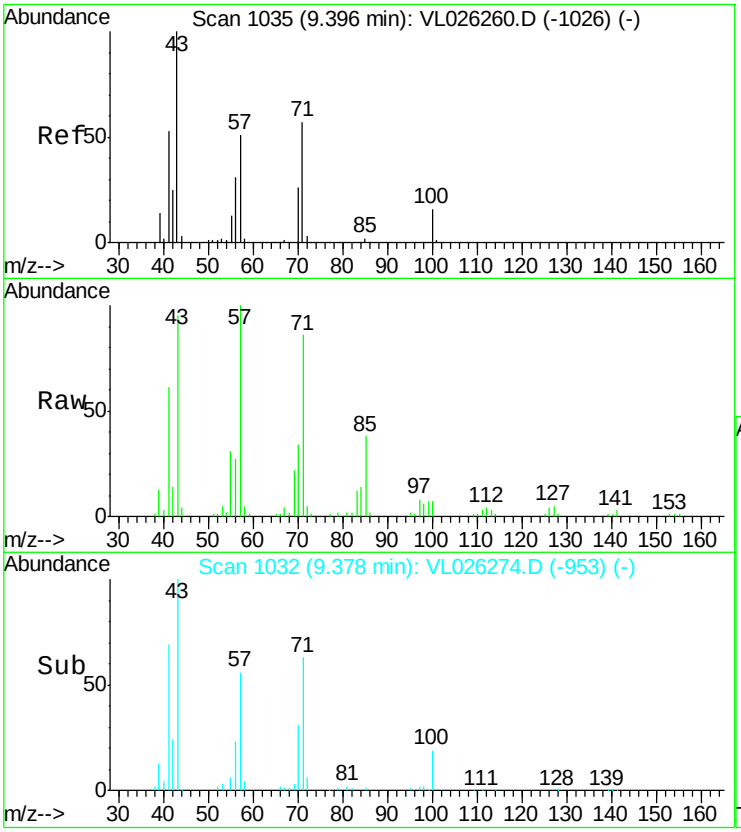


#9
Propene
Concen: 0.97 ppbv
RT: 3.61 min Scan# 86
Delta R.T. -0.01 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Tgt Ion: 41 Resp: 34350

Ion	Ratio	Lower	Upper
41	100		
42	62.1	54.5	81.7



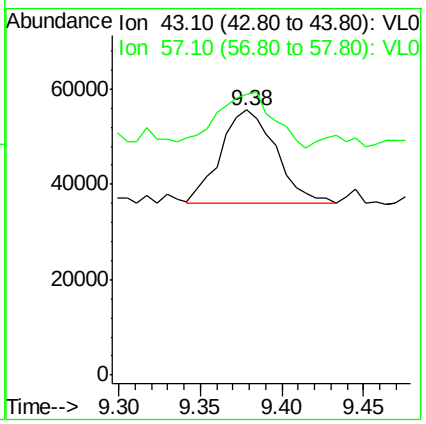


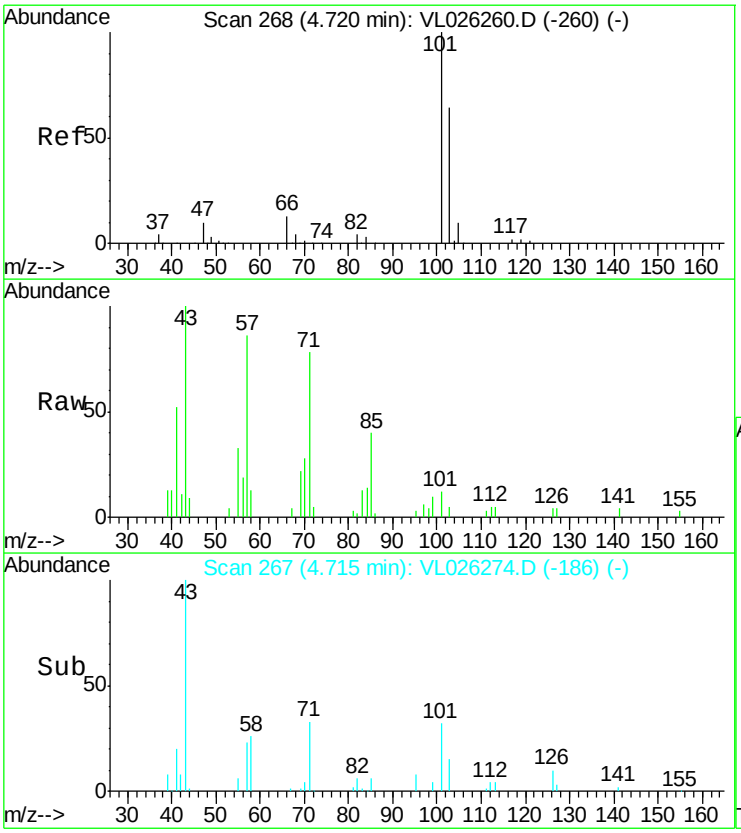
#10
Heptane
Concen: 0.39 ppbv
RT: 9.38 min Scan# 1032
Delta R.T. -0.02 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 46105

Ion	Ratio	Lower	Upper
43	100		
57	65.2	41.1	61.7#

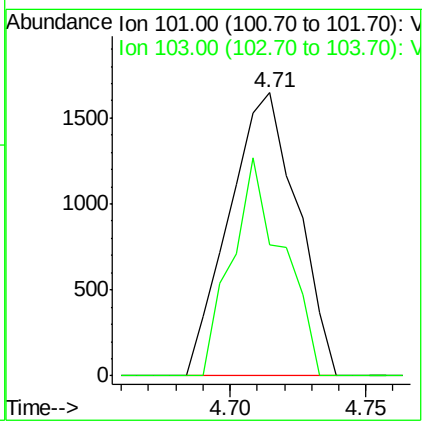


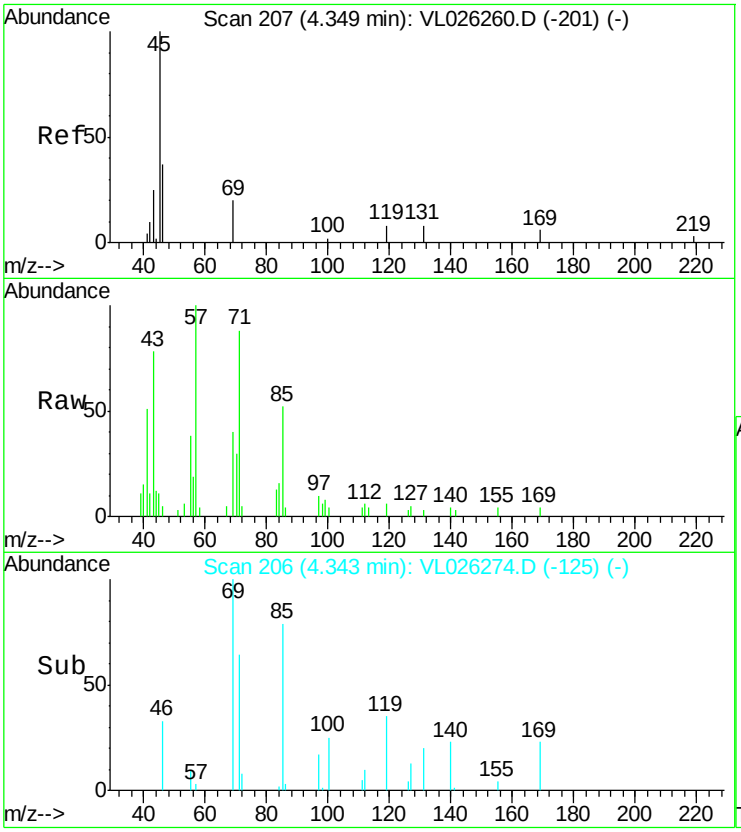


#11
Trichlorofluoromethane
Concen: 0.02 ppbv
RT: 4.71 min Scan# 267
Delta R.T. -0.01 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Tgt Ion:101 Resp: 2852

Ion	Ratio	Lower	Upper
101	100		
103	46.4	51.4	77.0#



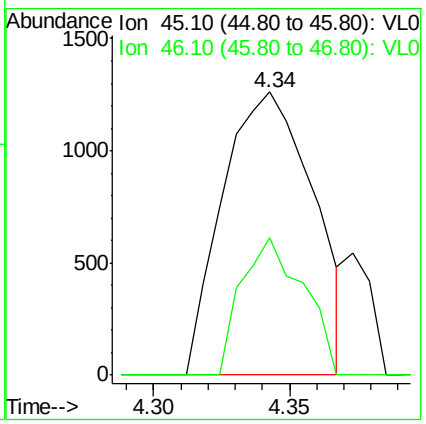


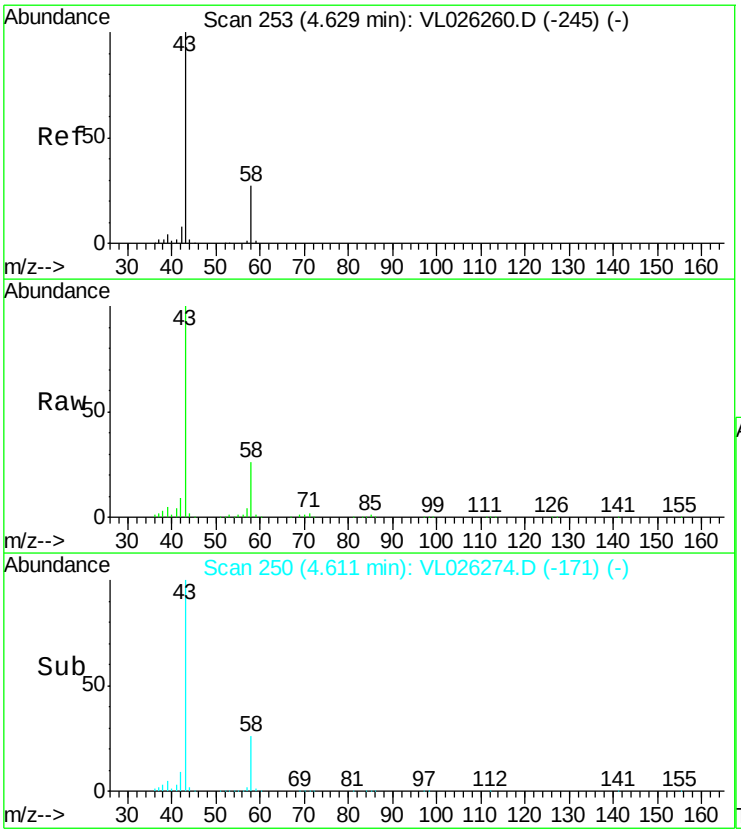
#13
Ethanol
Concen: 0.55 ppbv
RT: 4.34 min Scan# 206
Delta R.T. -0.01 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 2916

Ion	Ratio	Lower	Upper
45	100		
46	33.2	17.0	68.0

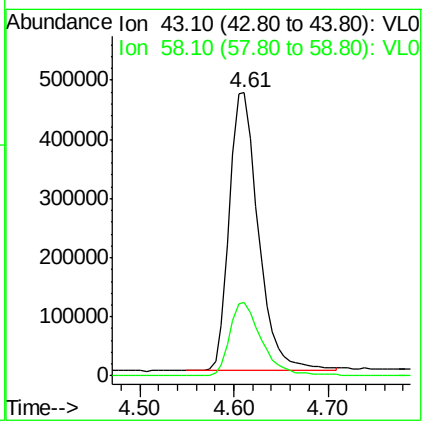


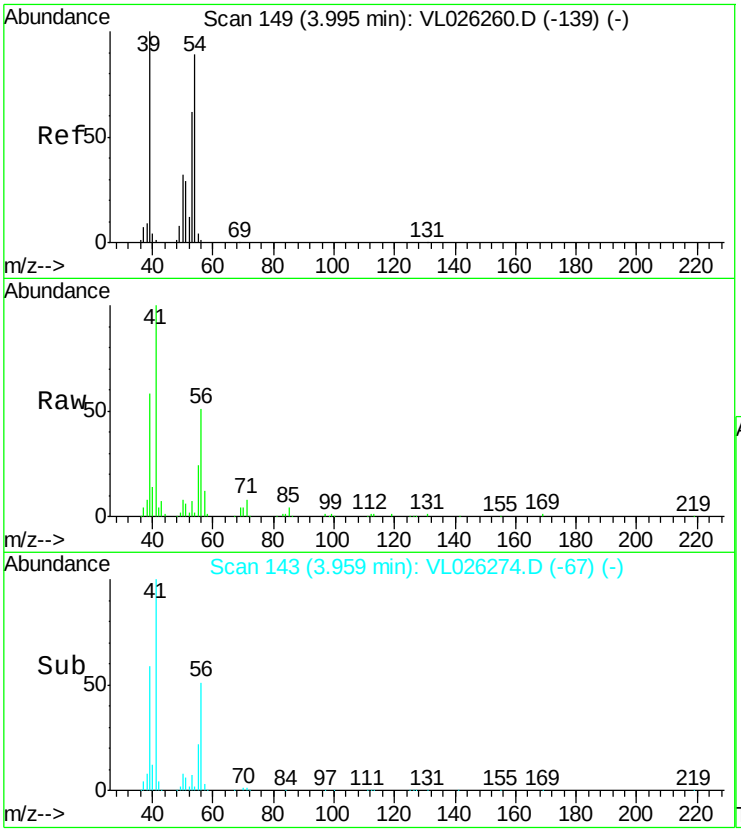


#15
Acetone
Concen: 13.06 ppbv
RT: 4.61 min Scan# 250
Delta R.T. -0.02 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Tgt Ion: 43 Resp: 1013056

Ion	Ratio	Lower	Upper
43	100		
58	29.2	22.3	33.5



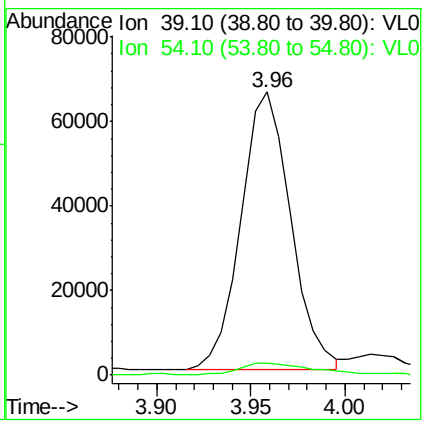


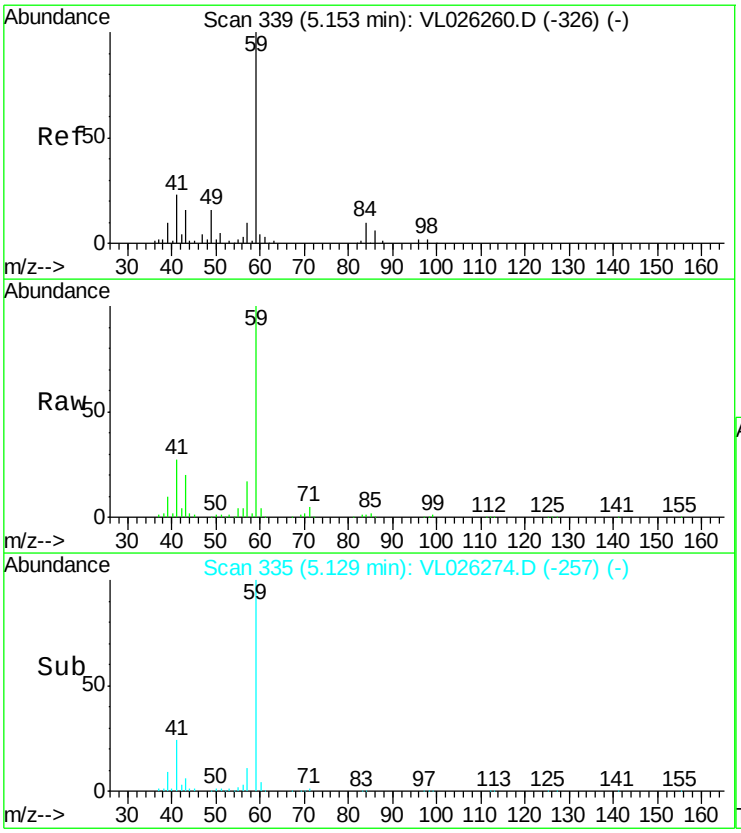
#16
1,3-Butadiene
Concen: 3.16 ppbv
RT: 3.96 min Scan# 143
Delta R.T. -0.04 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 39 Resp: 120678

Ion	Ratio	Lower	Upper
39	100		
54	7.1	67.3	100.9#

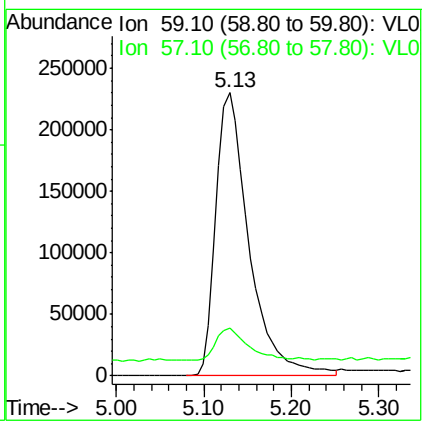


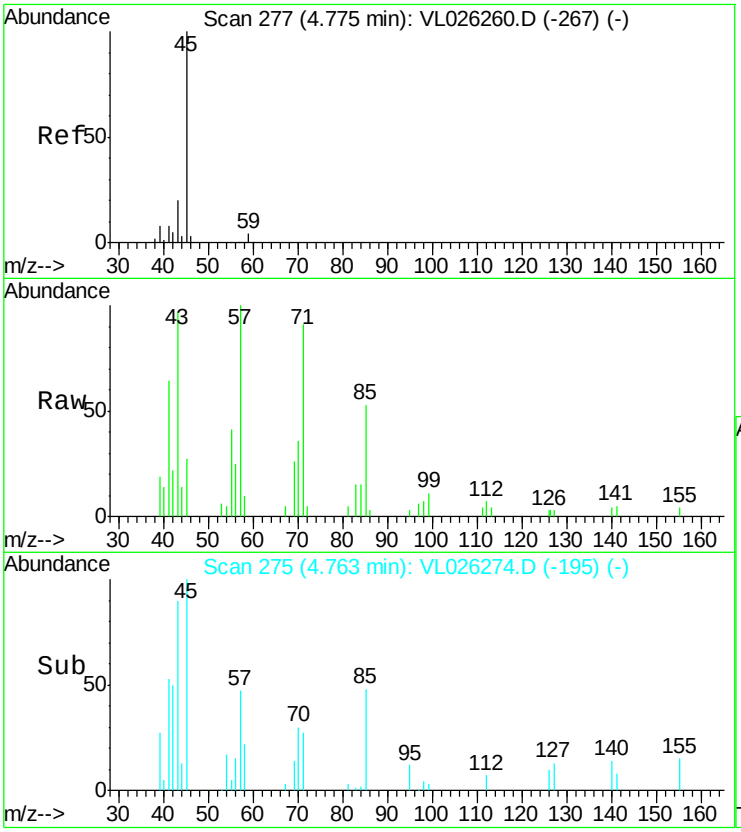


#17
tert-Butyl alcohol
Concen: 10.98 ppbv
RT: 5.13 min Scan# 335
Delta R.T. -0.02 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Tgt Ion: 59 Resp: 610987

Ion	Ratio	Lower	Upper
59	100		
57	12.5	8.7	13.1



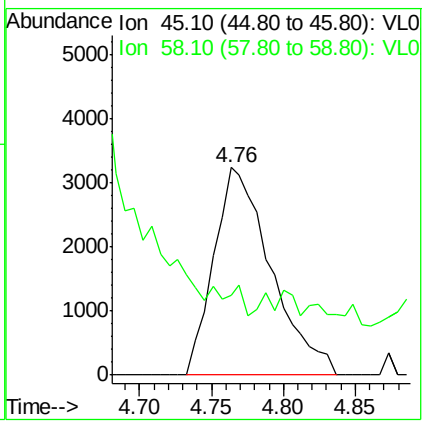


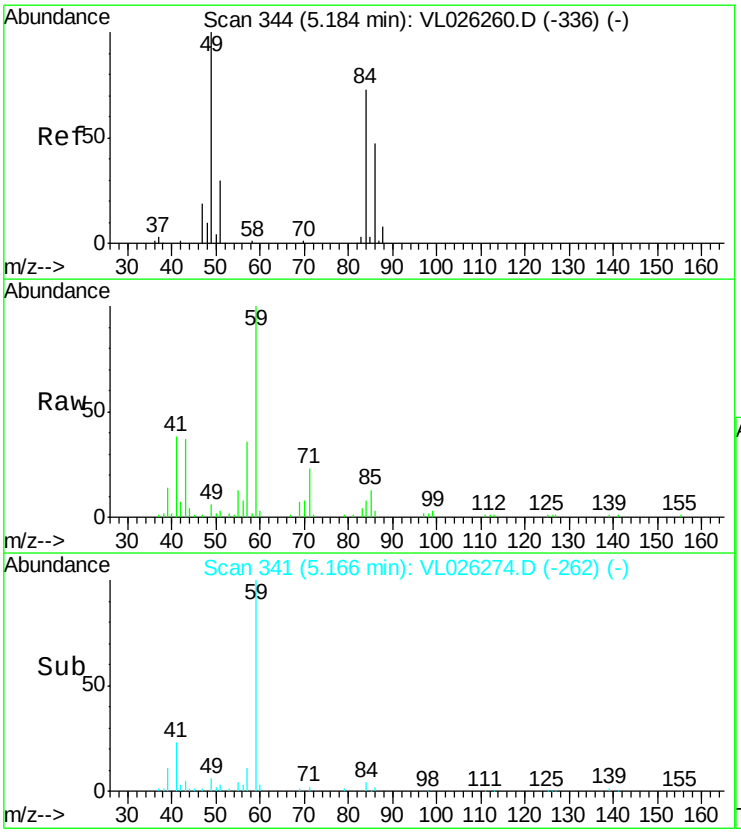
#19
Isopropyl Alcohol
Concen: 0.27 ppbv
RT: 4.76 min Scan# 275
Delta R.T. -0.01 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 8977

Ion	Ratio	Lower	Upper
45	100		
58	0.0	43.8	65.8#

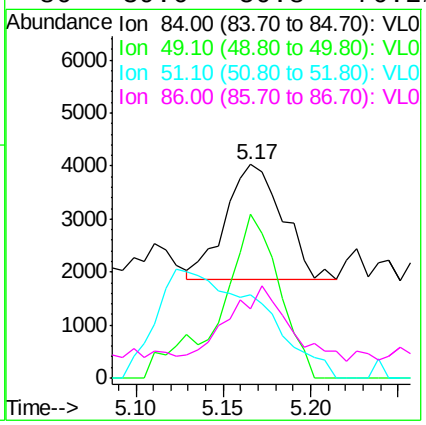


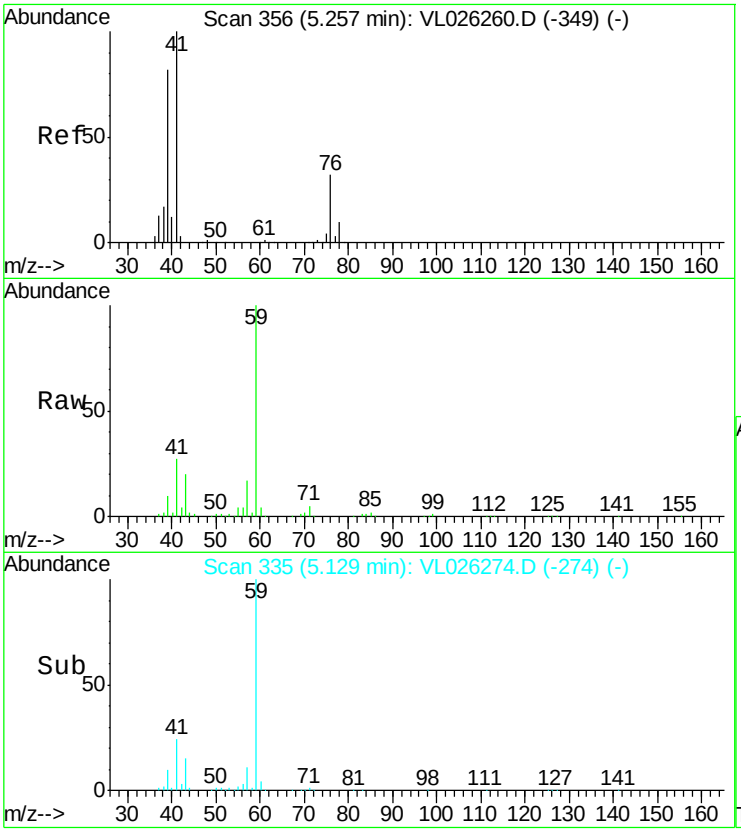


#20
Methylene Chloride
Concen: 0.15 ppbv
RT: 5.17 min Scan# 341
Delta R.T. -0.02 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Tgt Ion: 84 Resp: 4913

Ion	Ratio	Lower	Upper
84	100		
49	142.8	109.0	163.4
51	71.9	32.8	49.2#
86	39.6	50.8	76.2#



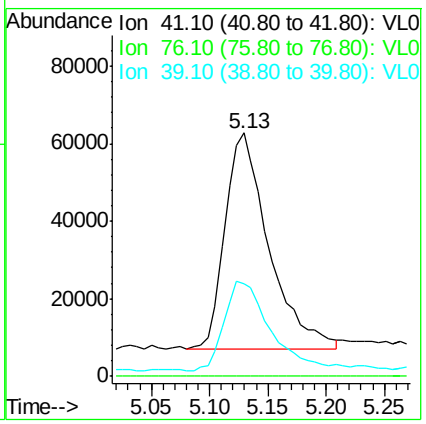


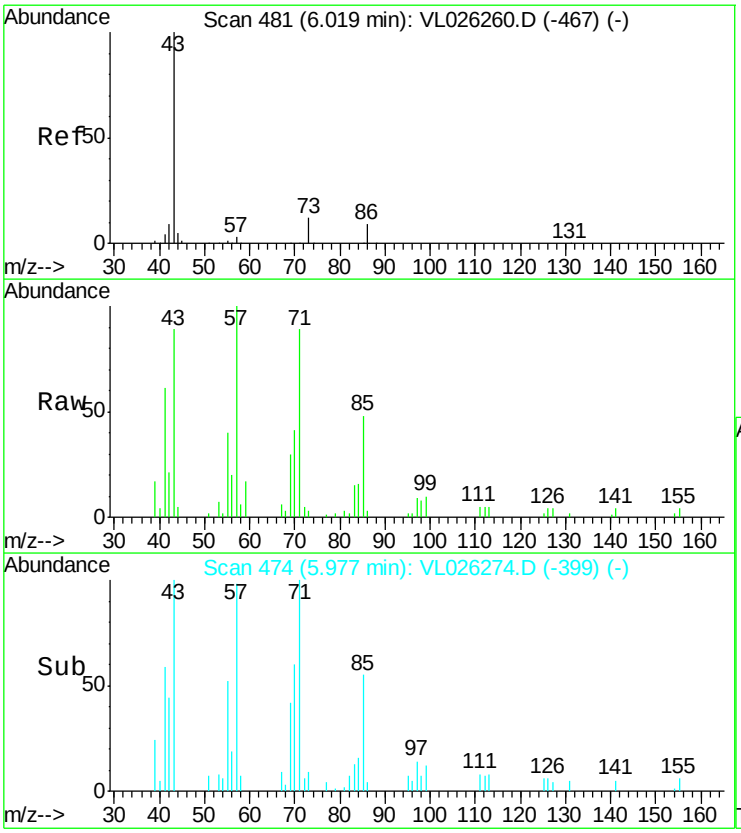
#21
Allyl Chloride
Concen: 2.65 ppbv
RT: 5.13 min Scan# 335
Delta R.T. -0.13 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 144597

Ion	Ratio	Lower	Upper
41	100		
76	0.0	25.9	38.9#
39	46.6	65.8	98.6#

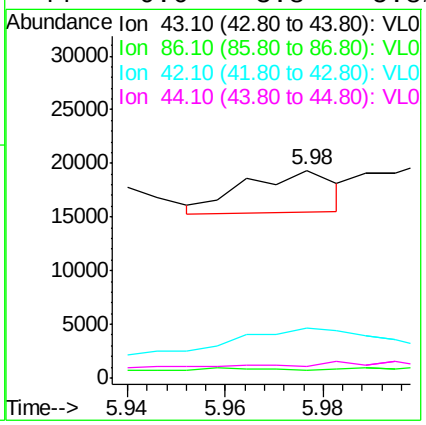


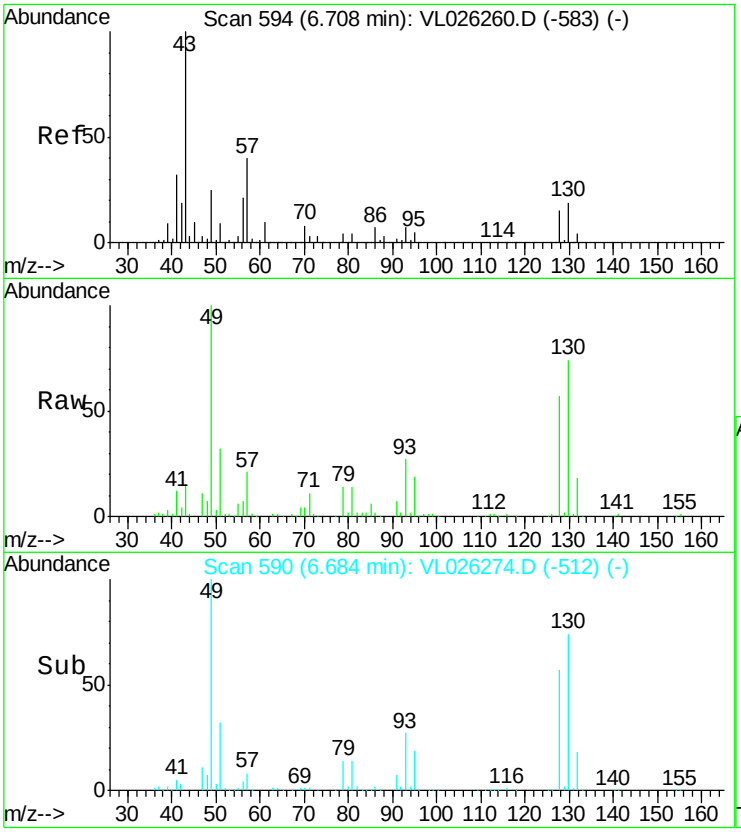


#23
Vinyl Acetate
Concen: 0.03 ppbv
RT: 5.98 min Scan# 474
Delta R.T. -0.04 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Tgt Ion: 43 Resp: 5109

Ion	Ratio	Lower	Upper
43	100		
86	0.5	7.3	10.9#
42	66.1	7.2	10.8#
44	0.6	3.8	5.8#



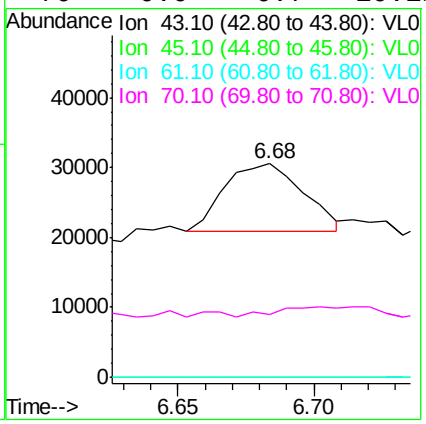


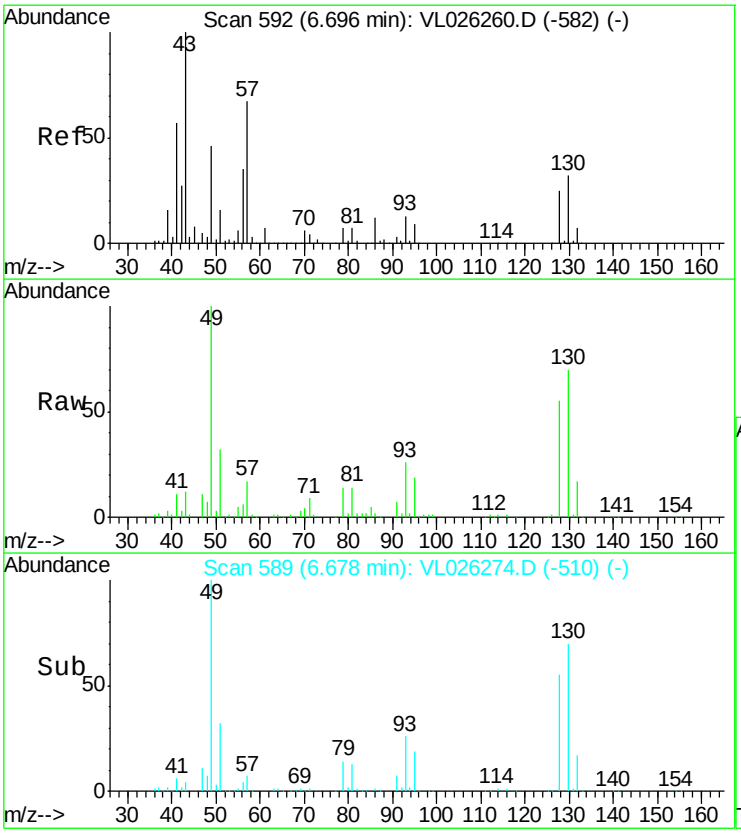
#25
Ethyl Acetate
Concen: 0.12 ppbv
RT: 6.68 min Scan# 590
Delta R.T. -0.02 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 19176

Ion	Ratio	Lower	Upper
43	100		
45	0.0	7.6	11.4#
61	0.0	7.4	11.2#
70	0.0	6.7	10.1#

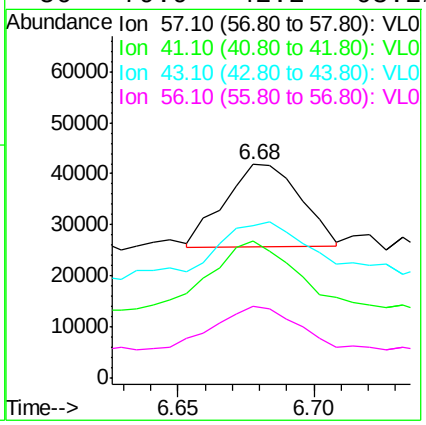


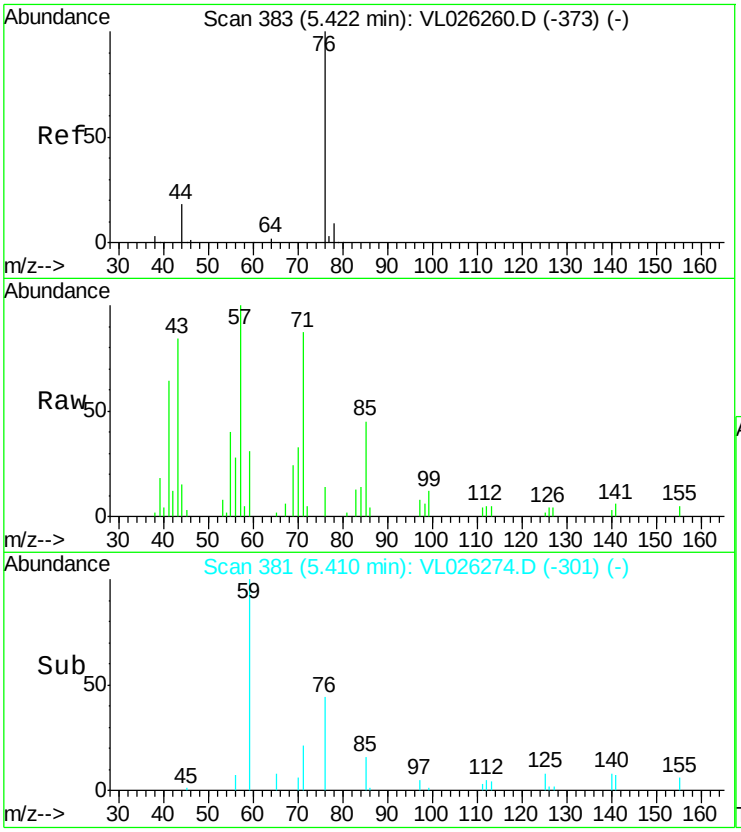


#26
Hexane
Concen: 0.39 ppbv
RT: 6.68 min Scan# 589
Delta R.T. -0.02 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Tgt Ion: 57 Resp: 31091

Ion	Ratio	Lower	Upper
57	100		
41	120.8	67.4	101.2#
43	133.8	163.9	245.9#
56	79.9	42.2	63.2#



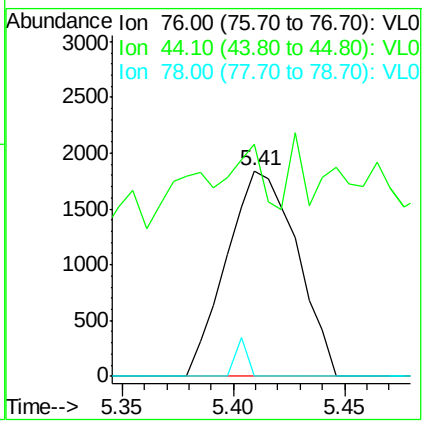


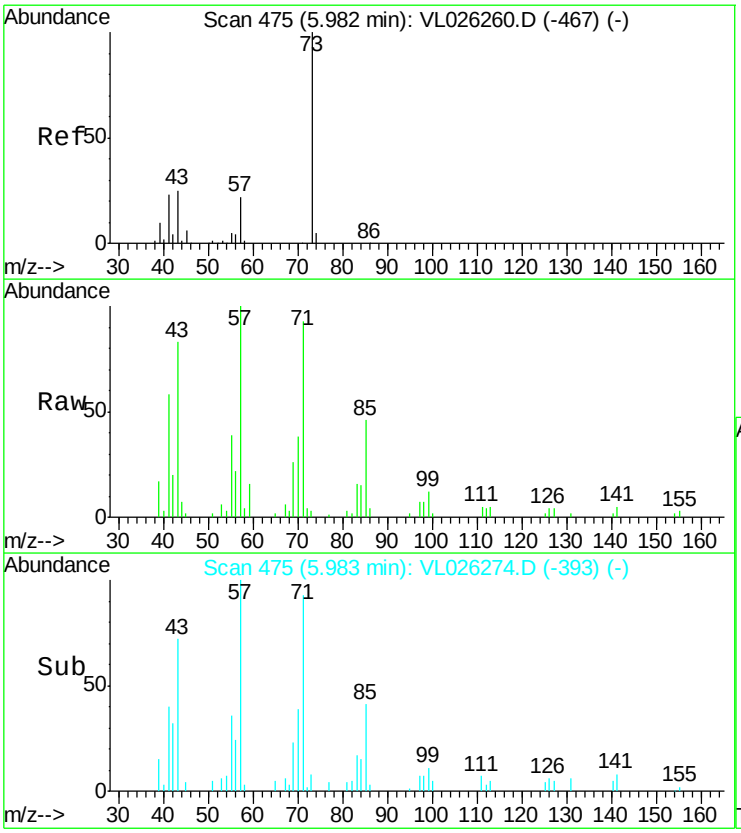
#27
Carbon Disulfide
Concen: 0.04 ppbv
RT: 5.41 min Scan# 381
Delta R.T. -0.01 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 76 Resp: 4028

Ion	Ratio	Lower	Upper
76	100		
44	22.3	14.1	21.1#
78	3.2	7.4	11.0#

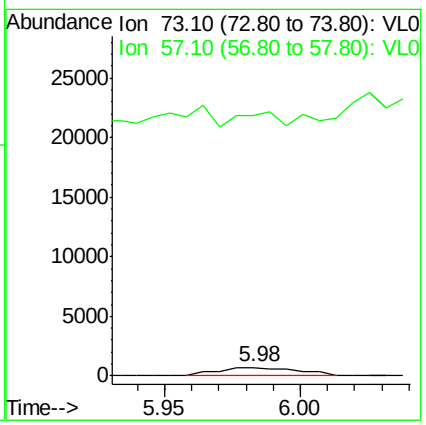


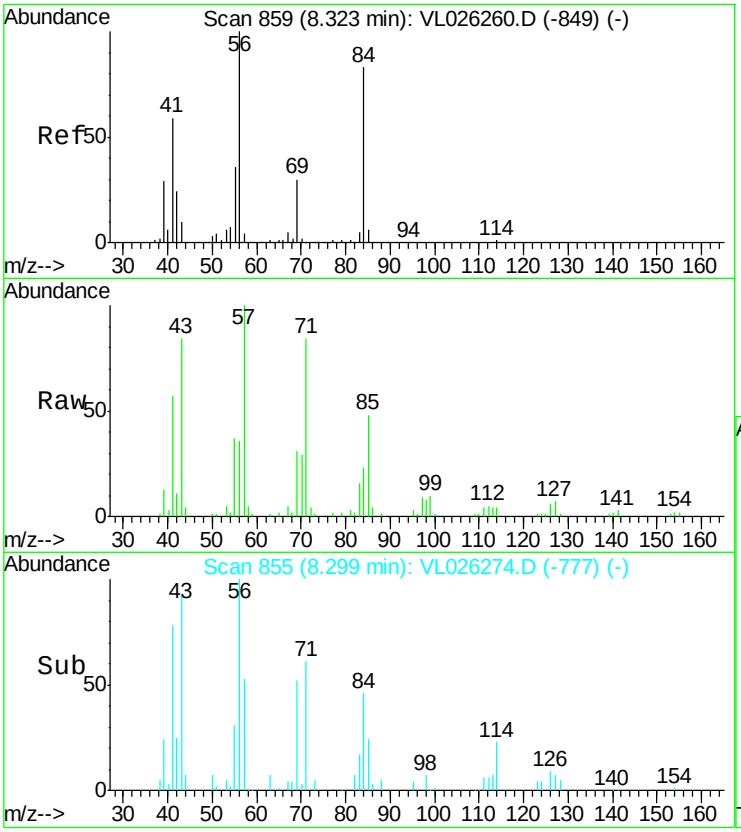


#28
Methyl tert-Butyl Ether
Concen: 0.01 ppbv
RT: 5.98 min Scan# 475
Delta R.T. 0.00 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Tgt Ion: 73 Resp: 1411

Ion	Ratio	Lower	Upper
73	100		
57	855.1	17.8	26.6#



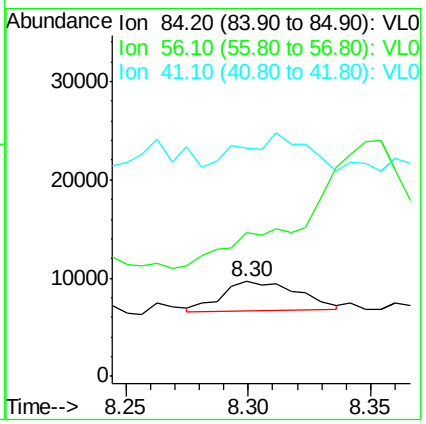


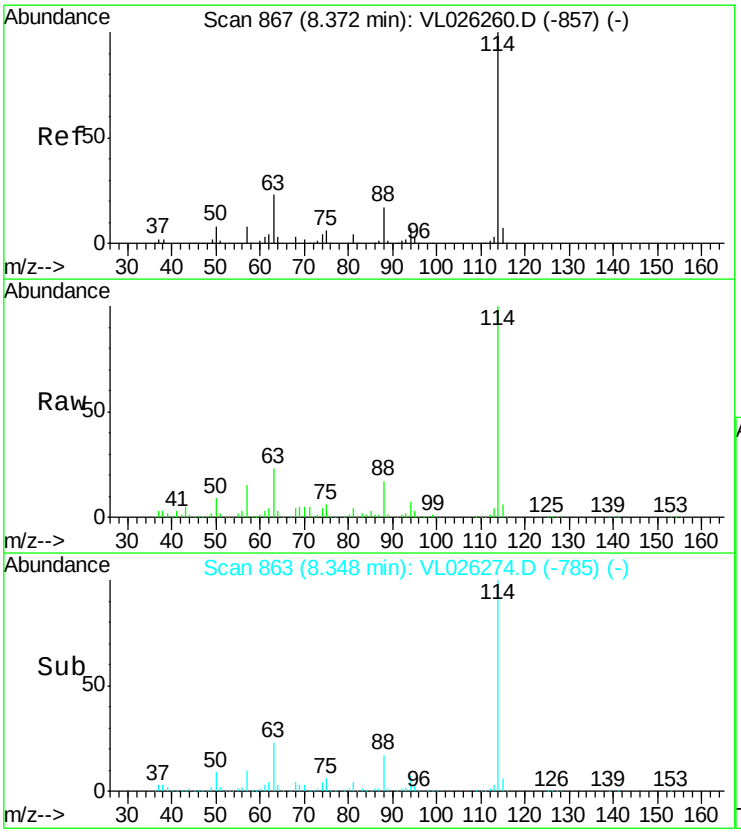
#30
Cyclohexane
Concen: 0.08 ppbv
RT: 8.30 min Scan# 855
Delta R.T. -0.02 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 6425

Ion	Ratio	Lower	Upper
84	100		
56	0.0	99.6	149.4#
41	226.8	56.7	85.1#

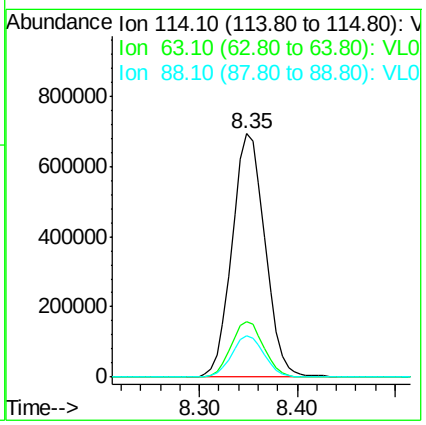


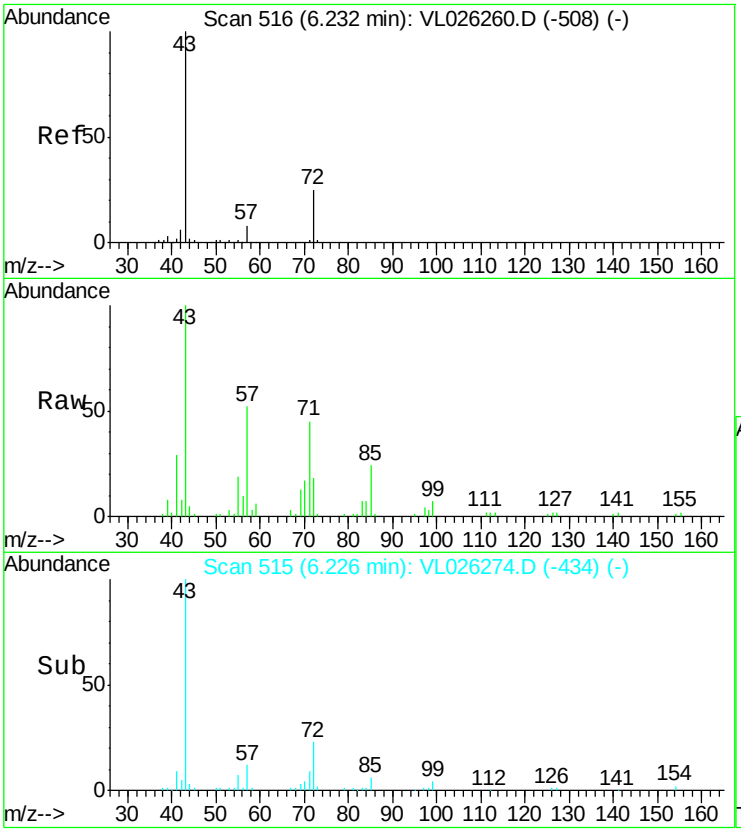


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.35 min Scan# 863
Delta R.T. -0.02 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Tgt Ion:114 Resp: 1624101

Ion	Ratio	Lower	Upper
114	100		
63	22.9	18.6	28.0
88	16.8	13.4	20.2



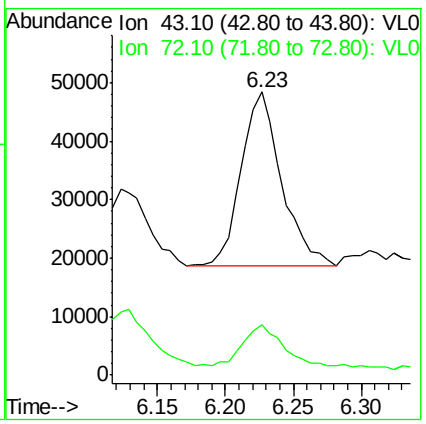


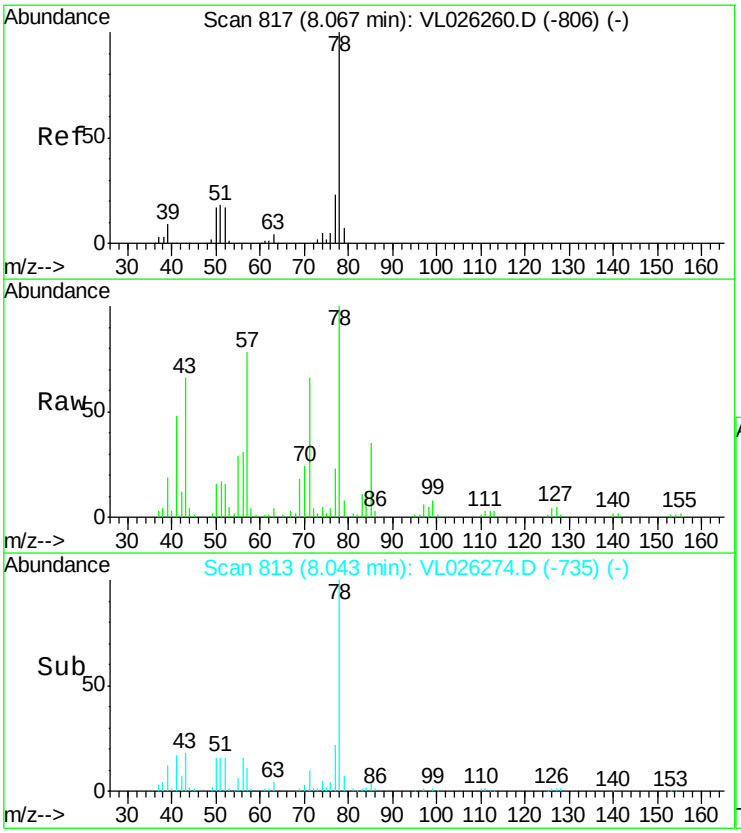
#34
2-Butanone
Concen: 0.64 ppbv
RT: 6.23 min Scan# 515
Delta R.T. -0.01 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 62446

Ion	Ratio	Lower	Upper
43	100		
72	28.4	19.9	29.9

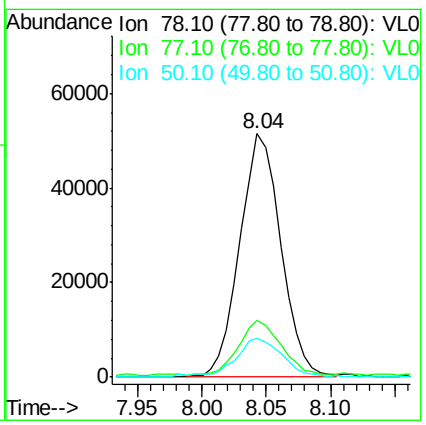


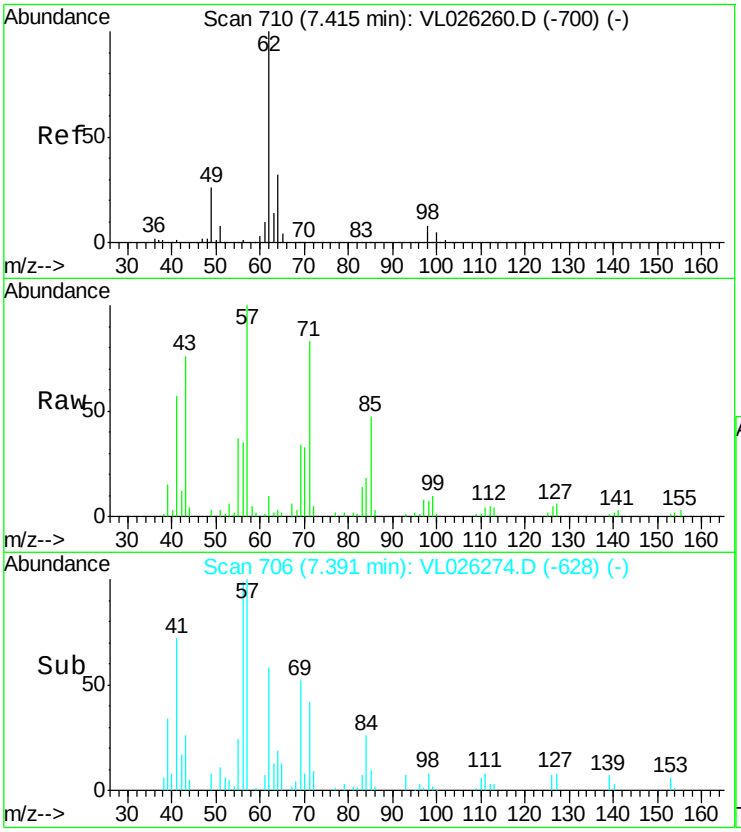


#36
Benzene
Concen: 0.66 ppbv
RT: 8.04 min Scan# 813
Delta R.T. -0.02 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Tgt Ion: 78 Resp: 114085

Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.0	27.0
50	15.2	13.3	19.9



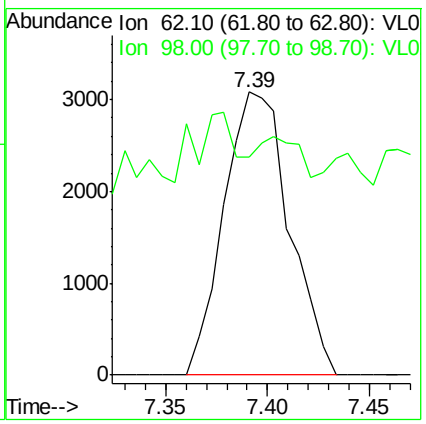


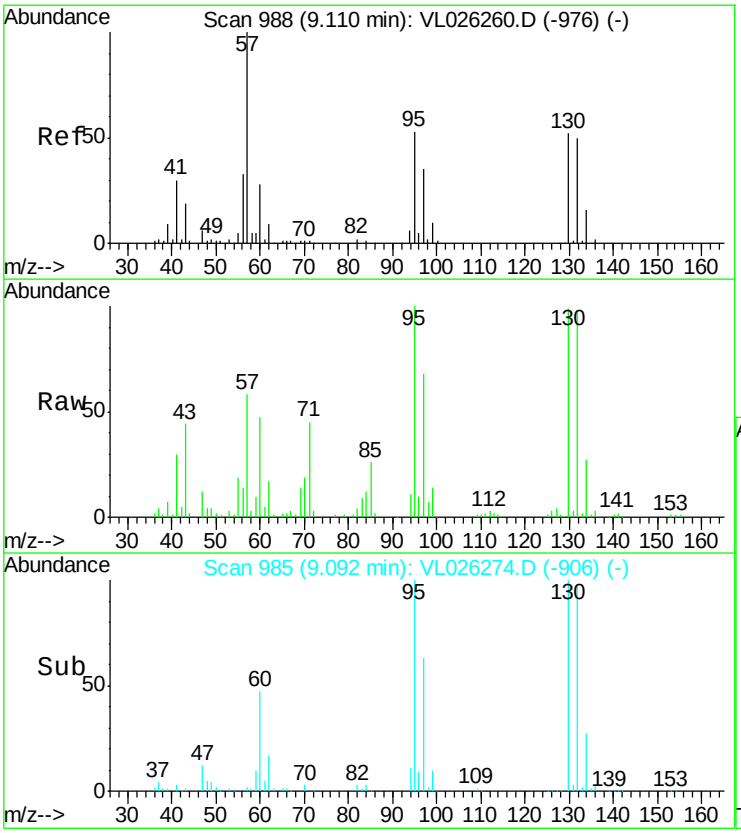
#37
1,2-Dichloroethane
Concen: 0.08 ppbv
RT: 7.39 min Scan# 706
Delta R.T. -0.02 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Tgt Ion: 62 Resp: 6868

Ion	Ratio	Lower	Upper
62	100		
98	37.0	6.3	9.5#

Instrument :
MSVOA_L
ClientSampleId :

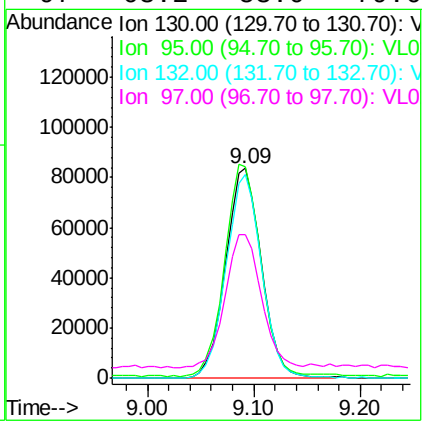


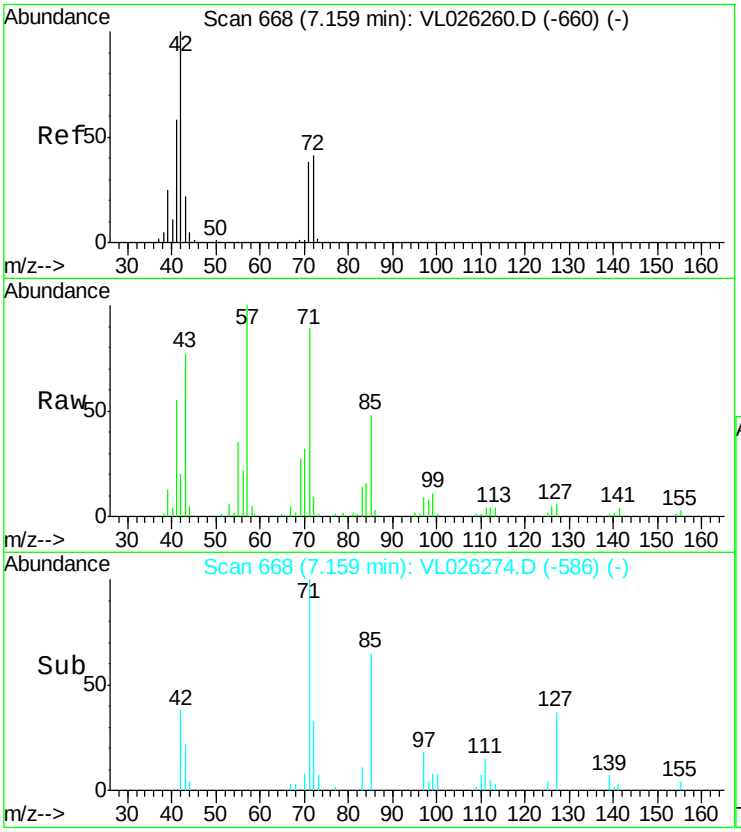


#38
Trichloroethene
Concen: 2.38 ppbv
RT: 9.09 min Scan# 985
Delta R.T. -0.02 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Tgt Ion:130 Resp: 196804

Ion	Ratio	Lower	Upper
130	100		
95	99.7	80.8	121.2
132	97.2	76.2	114.2
97	63.2	53.0	79.6



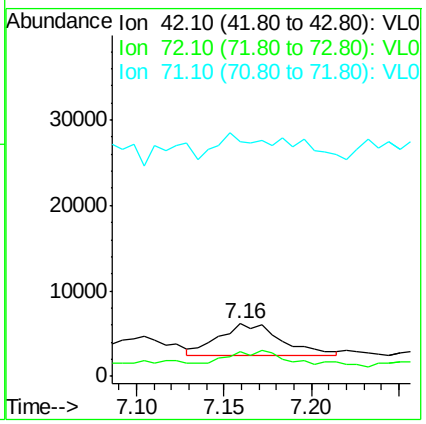


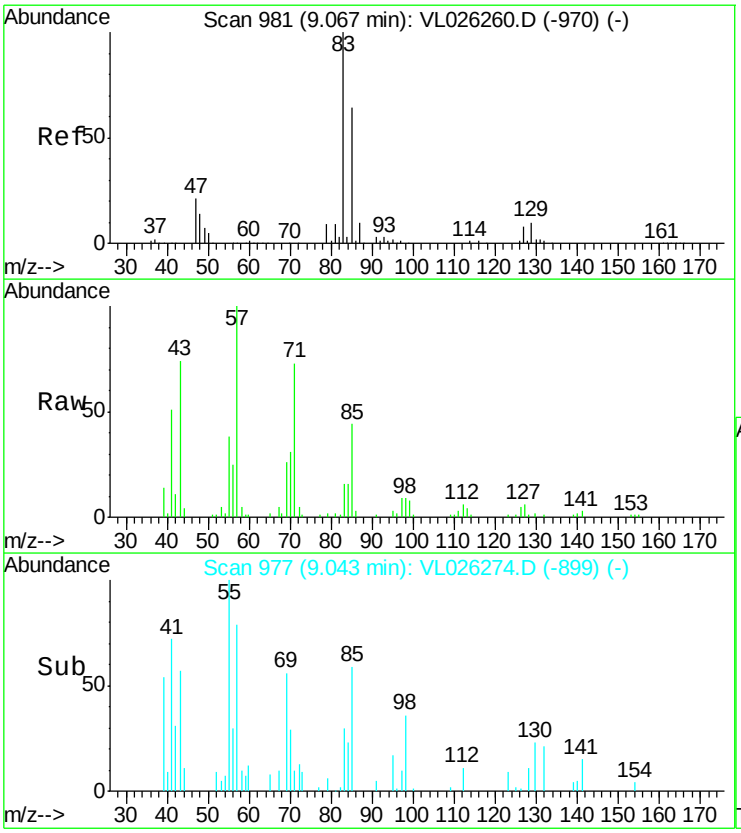
#41
Tetrahydrofuran
Concen: 0.16 ppbv
RT: 7.16 min Scan# 668
Delta R.T. 0.00 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 42 Resp: 9246

Ion	Ratio	Lower	Upper
42	100		
72	65.3	32.2	48.4#
71	89.4	30.4	45.6#

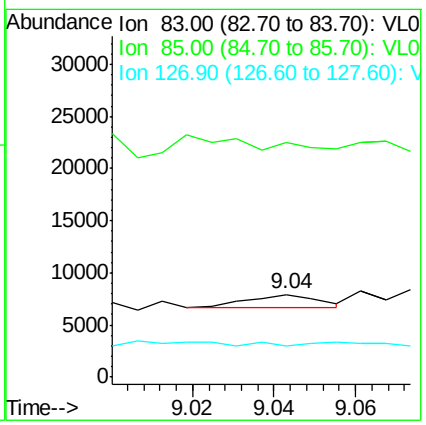


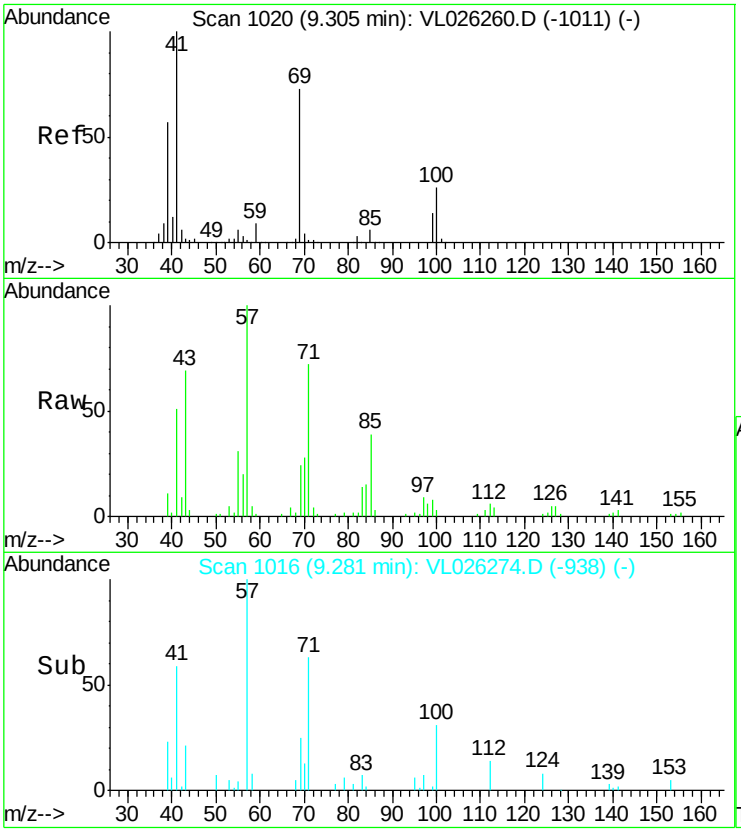


#42
Bromodichloromethane
Concen: 0.01 ppbv
RT: 9.04 min Scan# 977
Delta R.T. -0.02 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Tgt Ion: 83 Resp: 1560

Ion	Ratio	Lower	Upper
83	100		
85	47.7	51.2	76.8#
127	0.0	6.2	9.4#



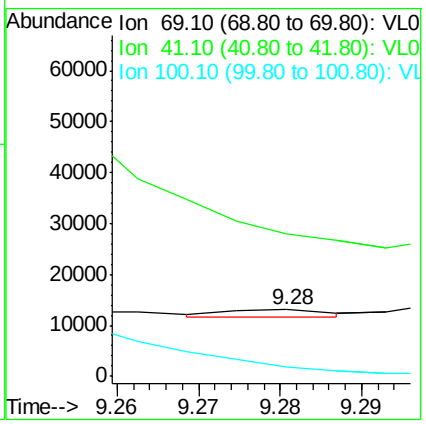


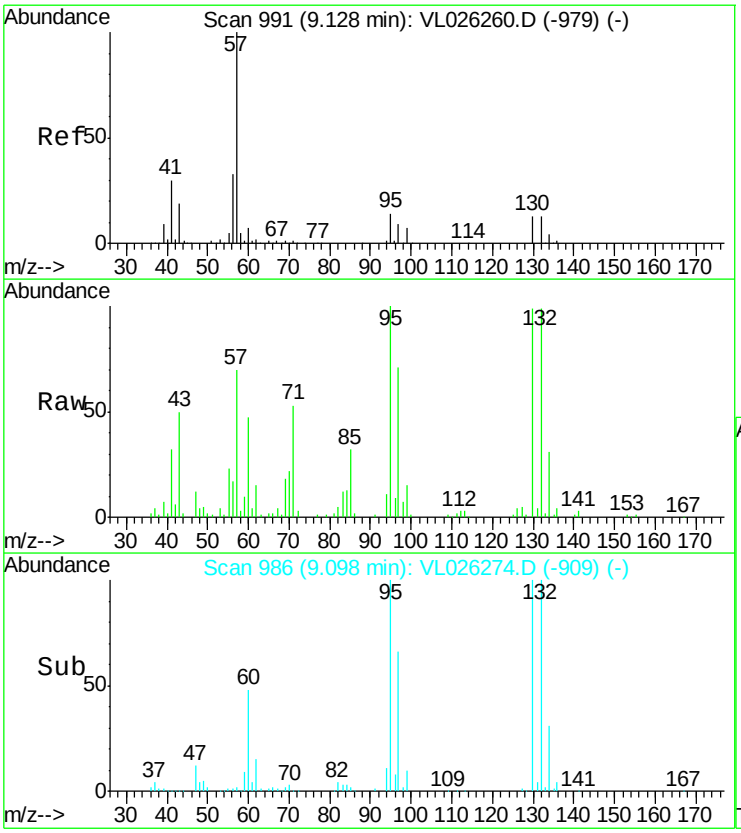
#43
Methyl Methacrylate
Concen: 0.02 ppbv
RT: 9.28 min Scan# 1016
Delta R.T. -0.02 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 69 Resp: 1256

Ion	Ratio	Lower	Upper
69	100		
41	0.0	110.0	165.0#
100	0.0	28.6	43.0#

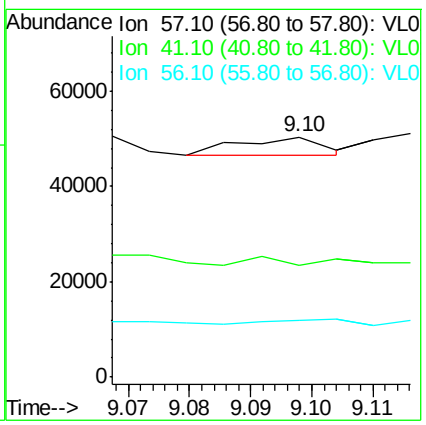


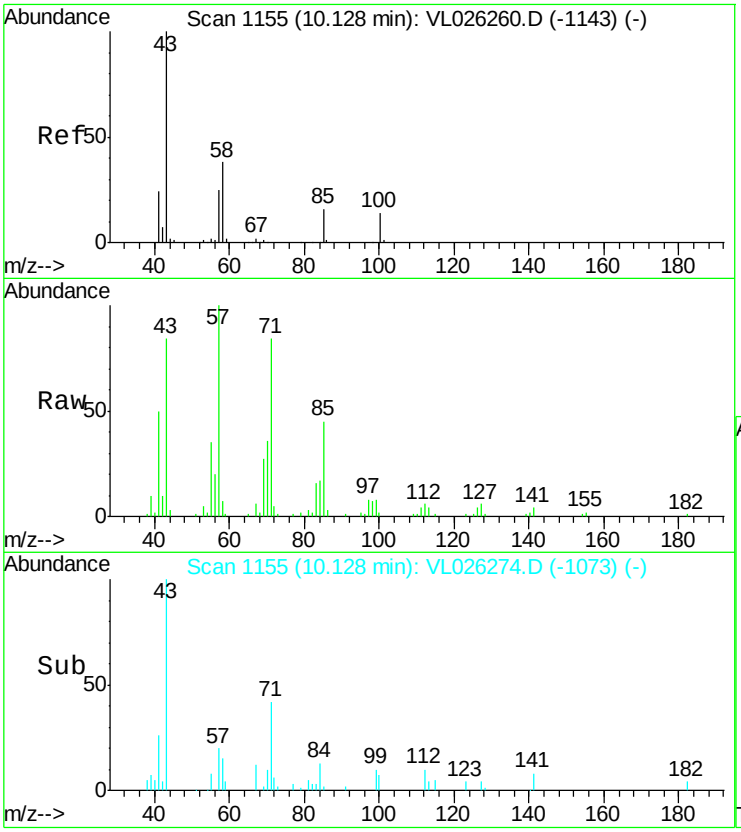


#44
2,2,4-Trimethylpentane
Concen: 0.01 ppbv
RT: 9.10 min Scan# 986
Delta R.T. -0.03 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Tgt Ion: 57 Resp: 3590

Ion	Ratio	Lower	Upper
57	100		
41	0.0	23.1	34.7#
56	0.0	26.3	39.5#



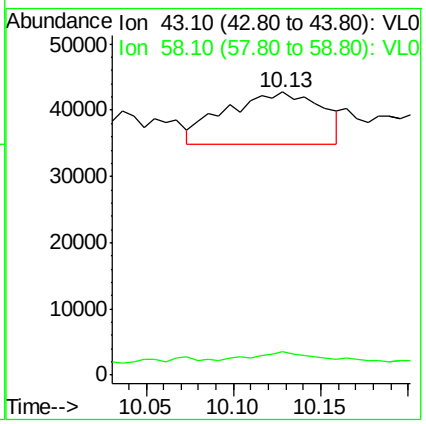


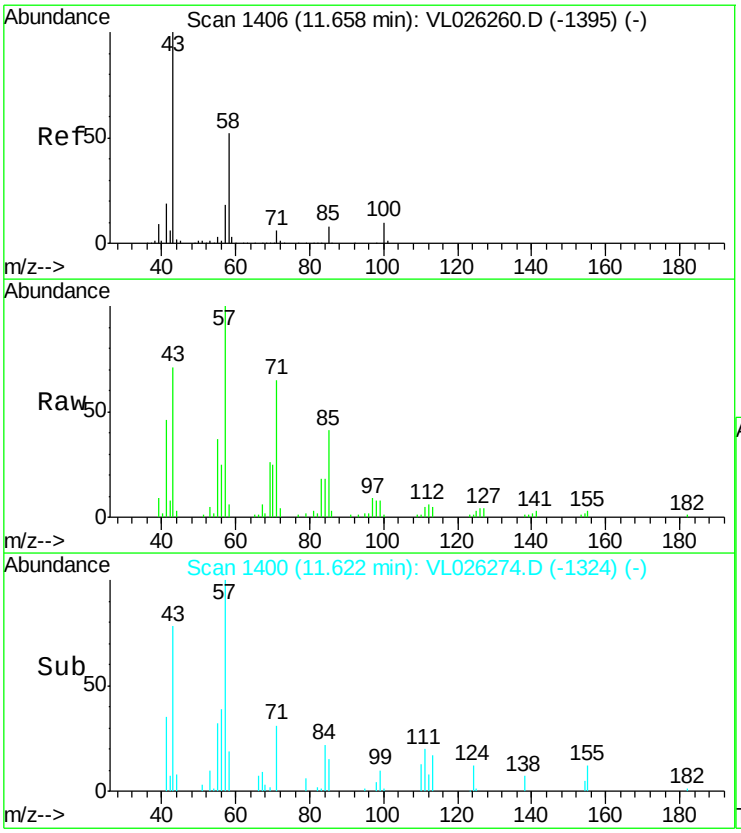
#50
4-Methyl-2-Pentanone
Concen: 0.23 ppbv
RT: 10.13 min Scan# 1155
Delta R.T. 0.00 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 30028

Ion	Ratio	Lower	Upper
43	100		
58	22.5	30.5	45.7#

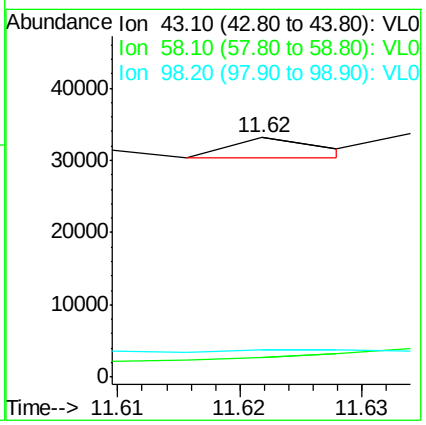


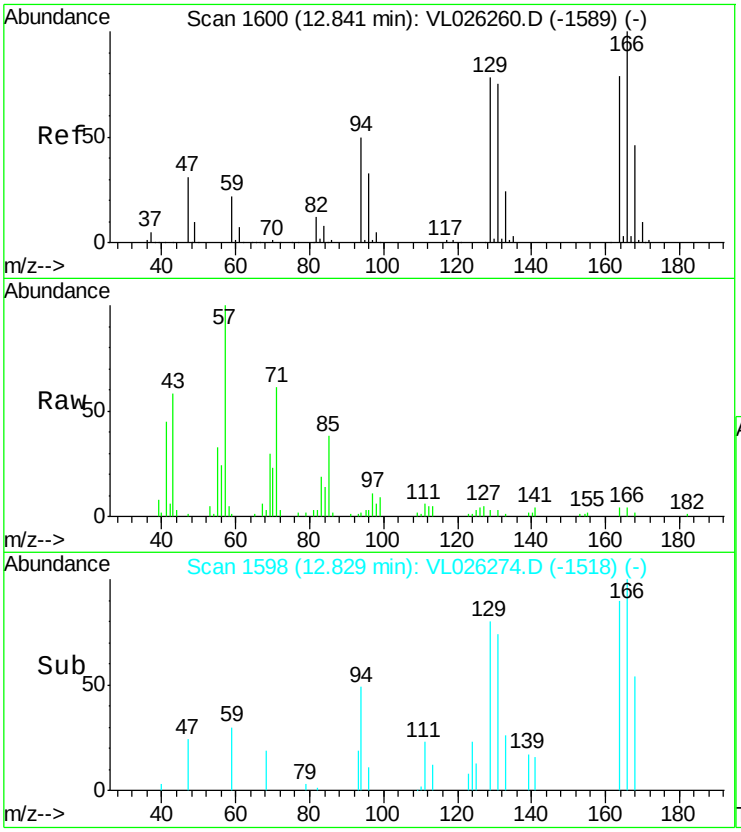


#51
2-Hexanone
Concen: 0.01 ppbv
RT: 11.62 min Scan# 1400
Delta R.T. -0.04 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Tgt Ion: 43 Resp: 1438

Ion	Ratio	Lower	Upper
43	100		
58	0.0	42.7	64.1#
98	133.8	0.0	0.0#



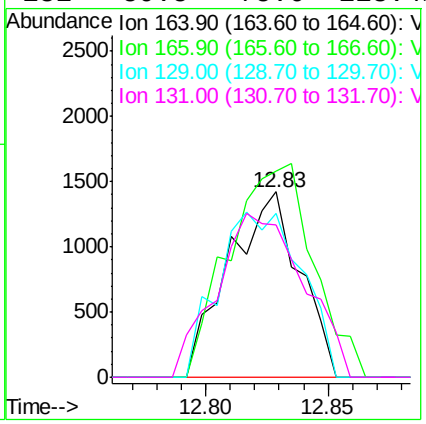


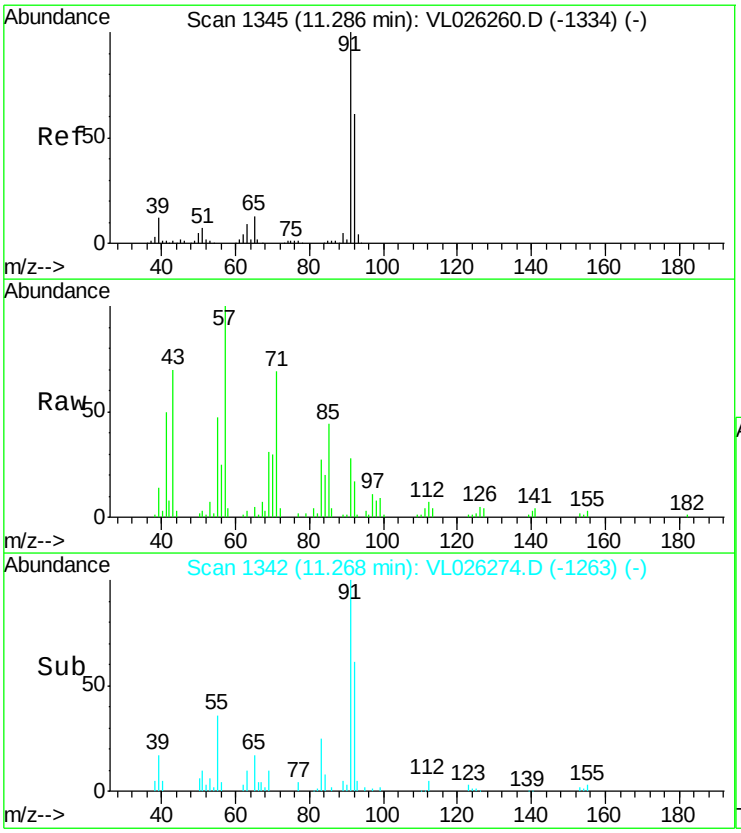
#52
Tetrachloroethene
Concen: 0.03 ppbv
RT: 12.83 min Scan# 1598
Delta R.T. -0.01 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:164 Resp: 2861

Ion	Ratio	Lower	Upper
164	100		
166	111.0	101.4	152.0
129	88.5	78.8	118.2
131	59.5	75.6	113.4#

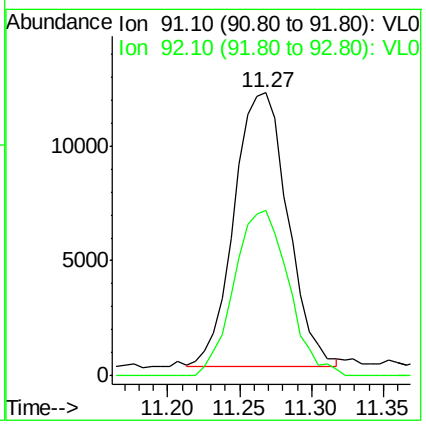


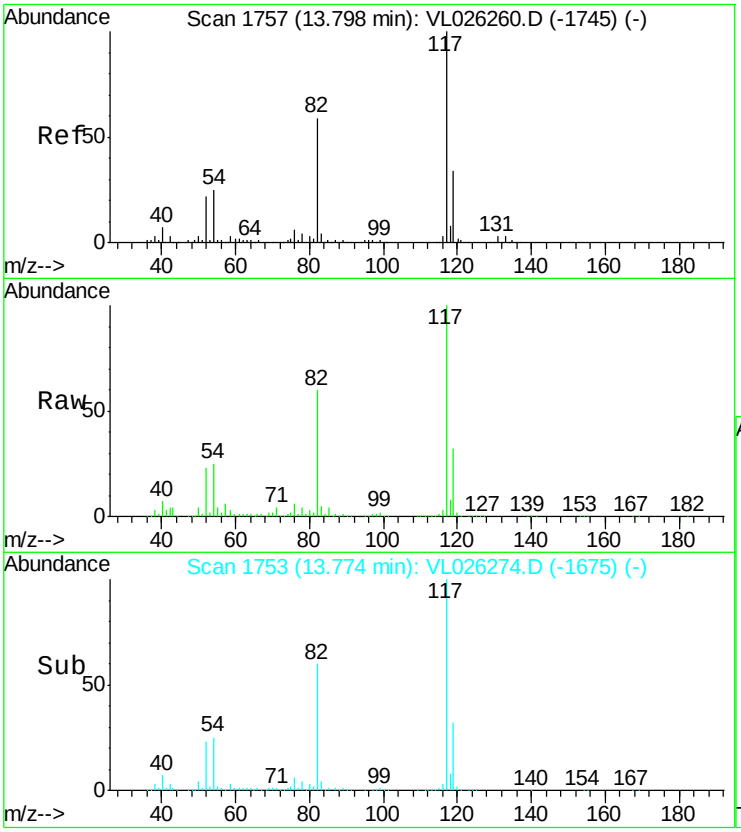


#53
Toluene
Concen: 0.14 ppbv
RT: 11.27 min Scan# 1342
Delta R.T. -0.02 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Tgt Ion: 91 Resp: 30775

Ion	Ratio	Lower	Upper
91	100		
92	61.3	48.6	73.0



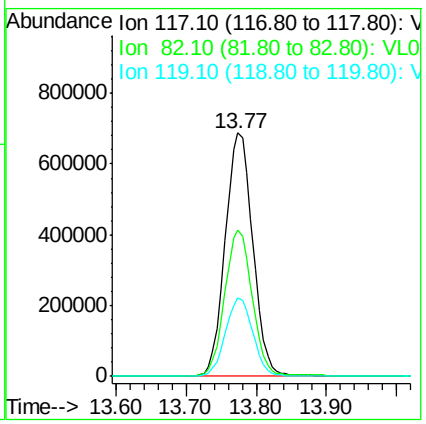


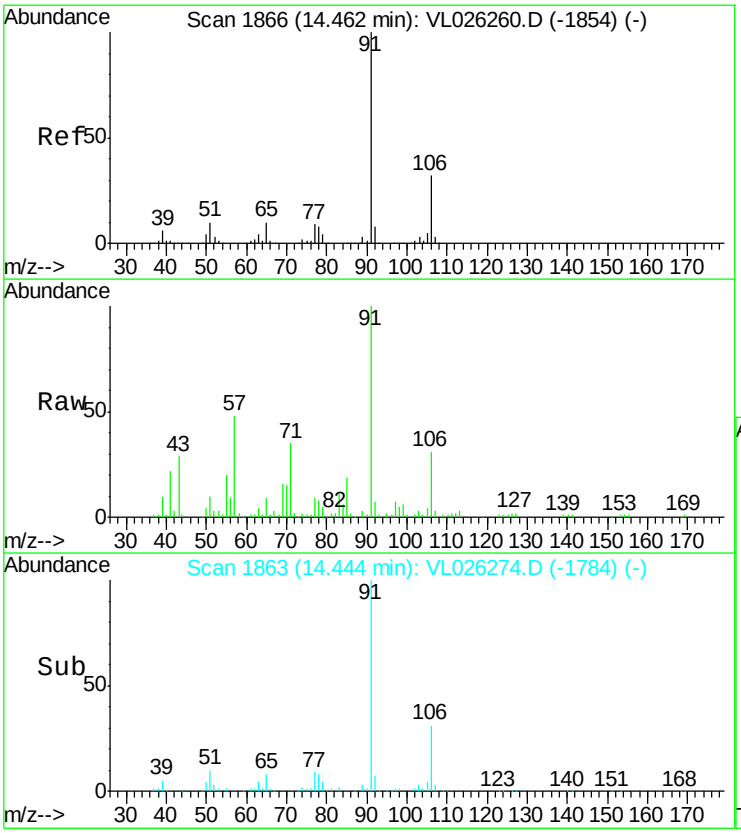
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.77 min Scan# 1753
Delta R.T. -0.02 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 1891702

Ion	Ratio	Lower	Upper
117	100		
82	60.3	48.2	72.4
119	32.3	46.2	69.2#

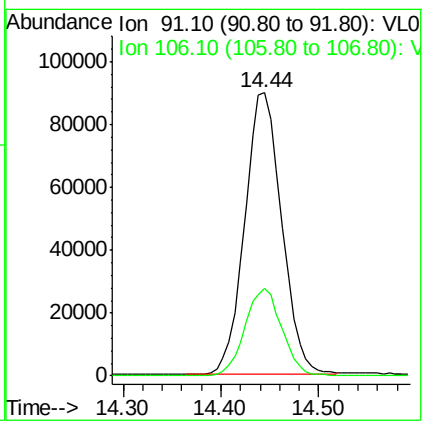


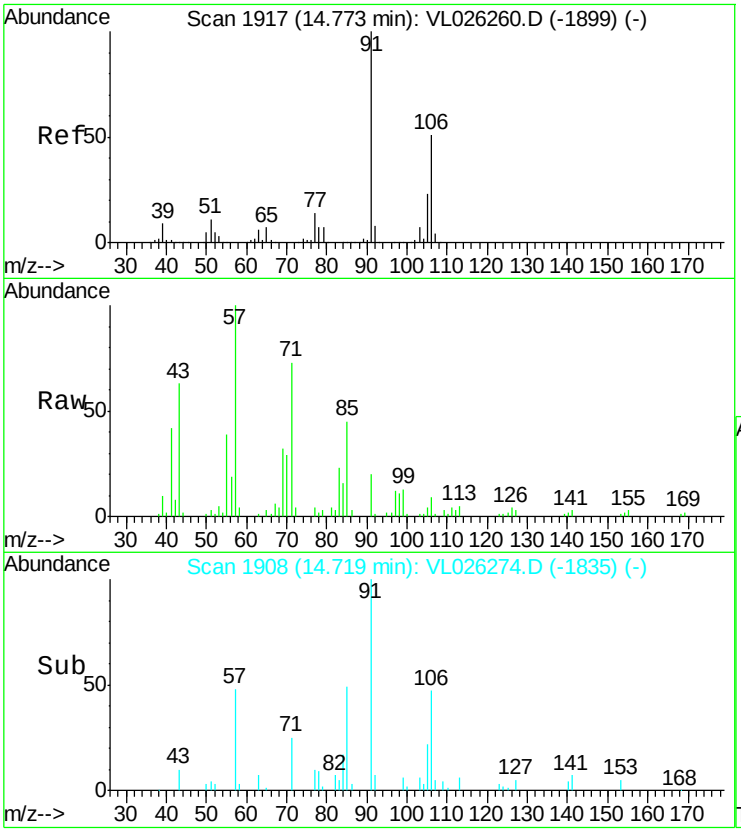


#58
Ethyl Benzene
Concen: 0.76 ppbv
RT: 14.44 min Scan# 1863
Delta R.T. -0.02 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Tgt Ion: 91 Resp: 236349

Ion	Ratio	Lower	Upper
91	100		
106	30.9	25.7	38.5



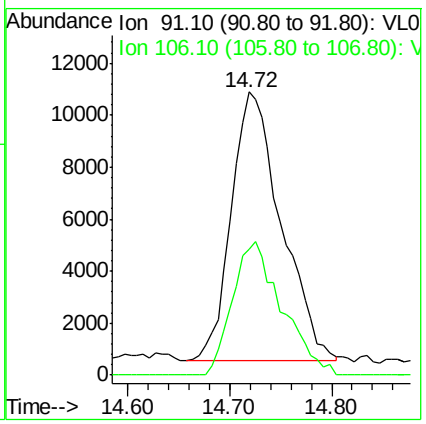


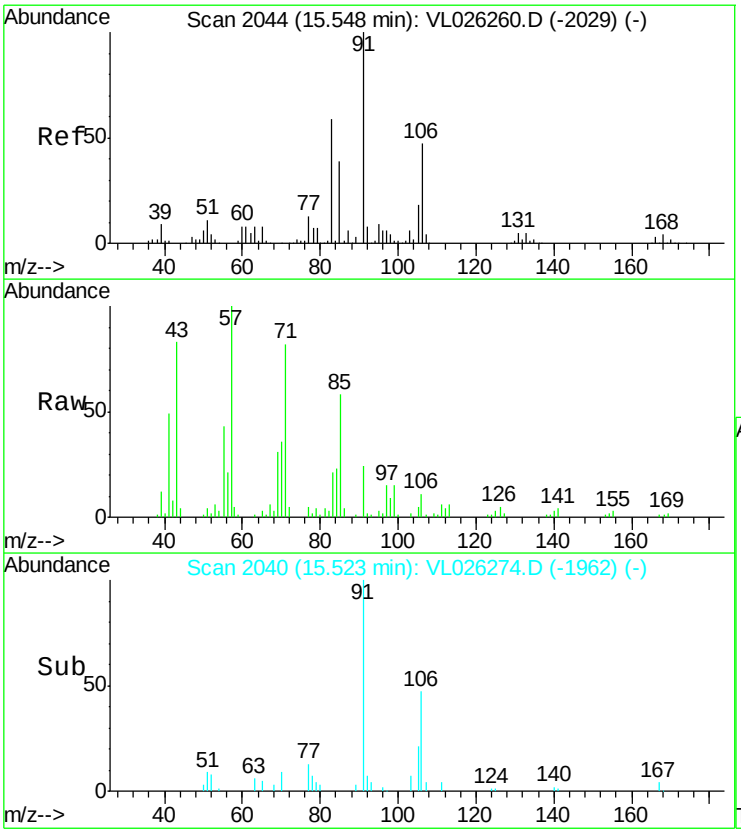
#59
m/p-Xylene
Concen: 0.14 ppbv
RT: 14.72 min Scan# 1908
Delta R.T. -0.05 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 35152

Ion	Ratio	Lower	Upper
91	100		
106	49.1	0.0	0.0#

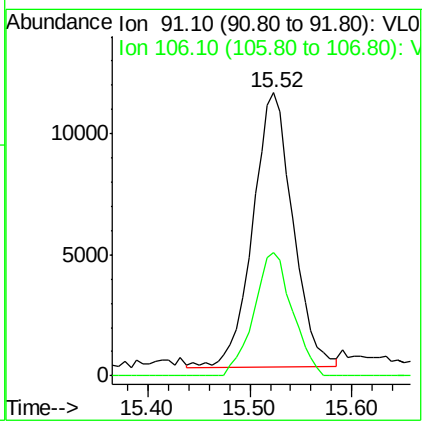


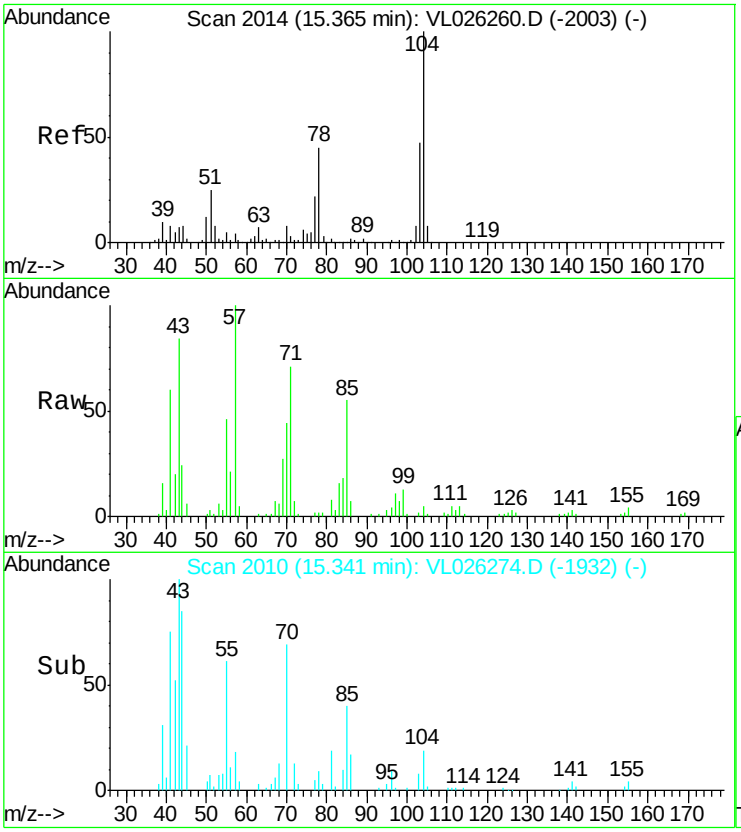


#60
o-Xylene
Concen: 0.12 ppbv
RT: 15.52 min Scan# 2040
Delta R.T. -0.02 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Tgt Ion: 91 Resp: 30901

Ion	Ratio	Lower	Upper
91	100		
106	43.1	23.6	70.8



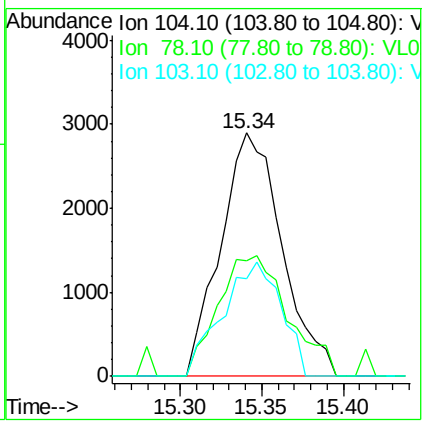


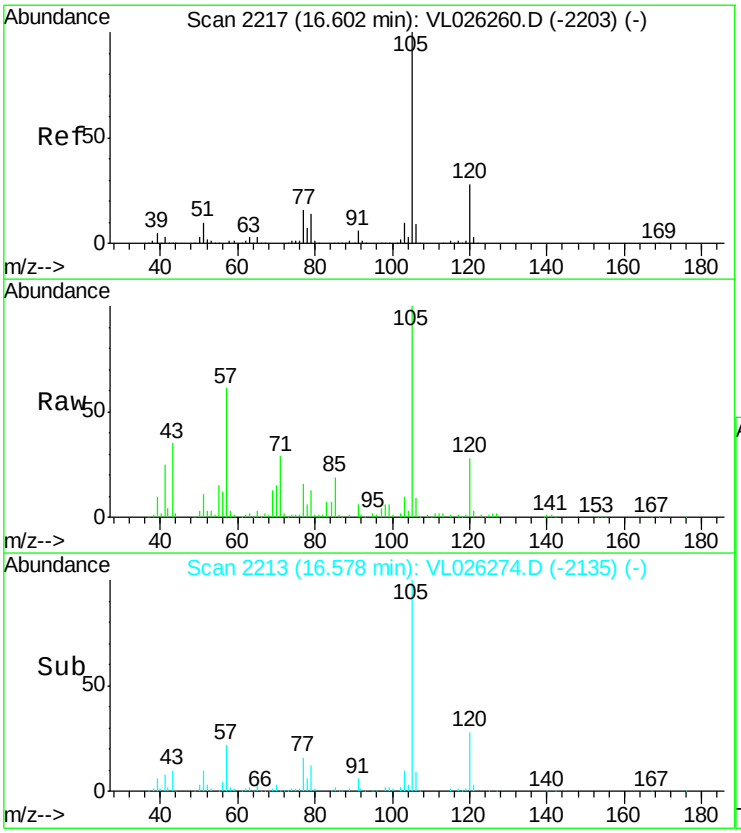
#61
Stvrene
Concen: 0.07 ppbv
RT: 15.34 min Scan# 2010
Delta R.T. -0.02 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:104 Resp: 7603

Ion	Ratio	Lower	Upper
104	100		
78	59.6	35.5	53.3#
103	44.8	37.0	55.6

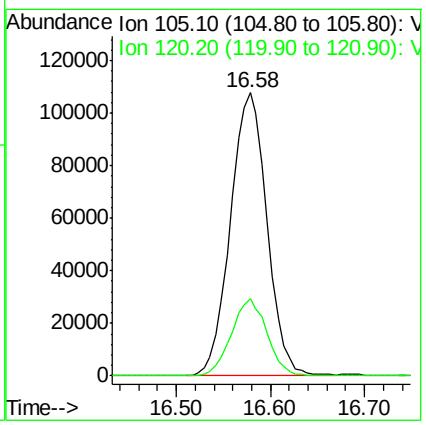


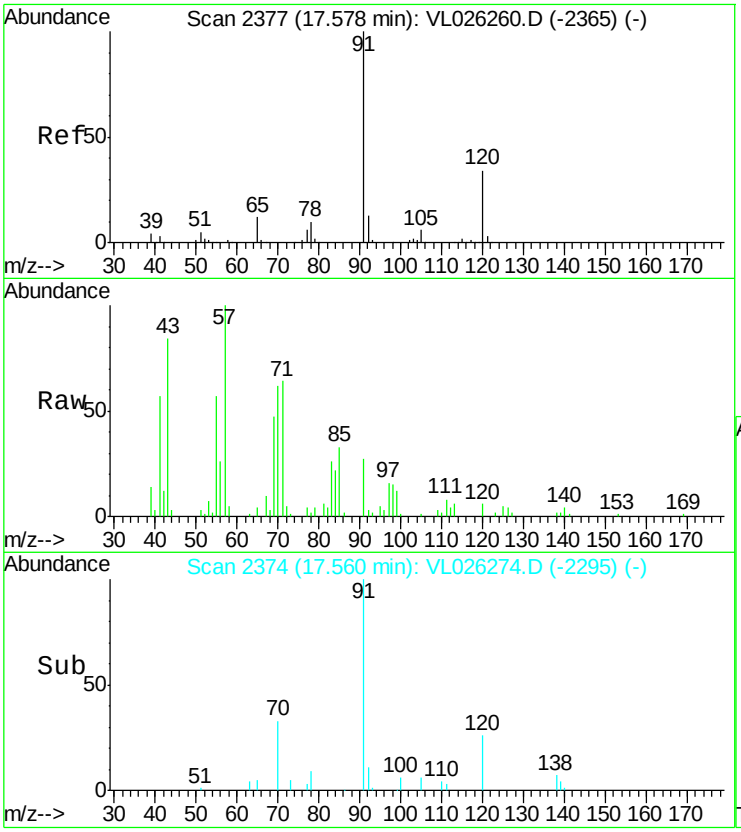


#62
Isopropylbenzene
Concen: 0.83 ppbv
RT: 16.58 min Scan# 2213
Delta R.T. -0.02 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Tgt Ion:105 Resp: 291037

Ion	Ratio	Lower	Upper
105	100		
120	26.5	21.7	32.5



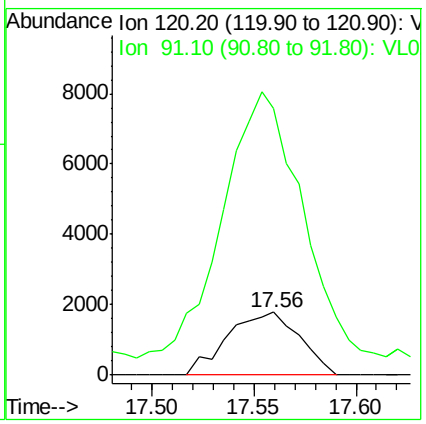


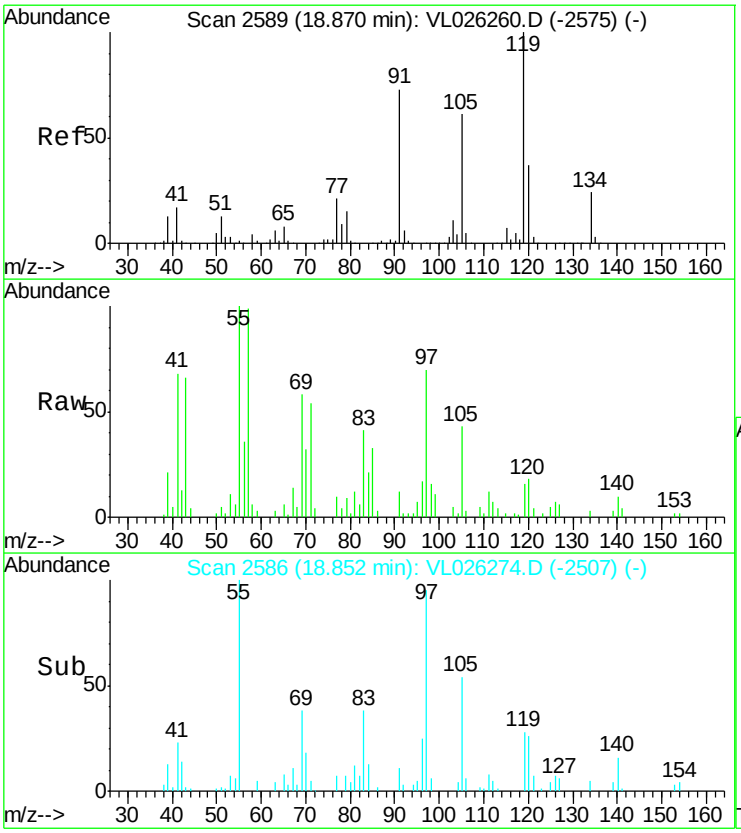
#64
n-propylbenzene
Concen: 0.05 ppbv
RT: 17.56 min Scan# 2374
Delta R.T. -0.02 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:120 Resp: 4400

Ion	Ratio	Lower	Upper
120	100		
91	0.0	340.8	511.2#

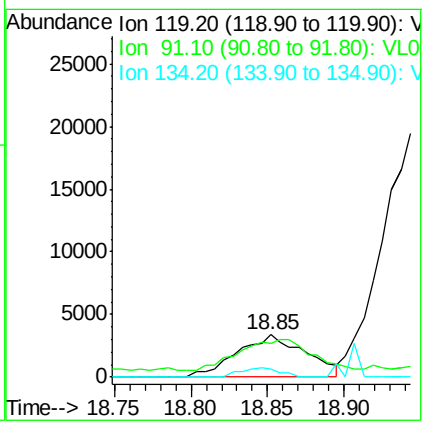


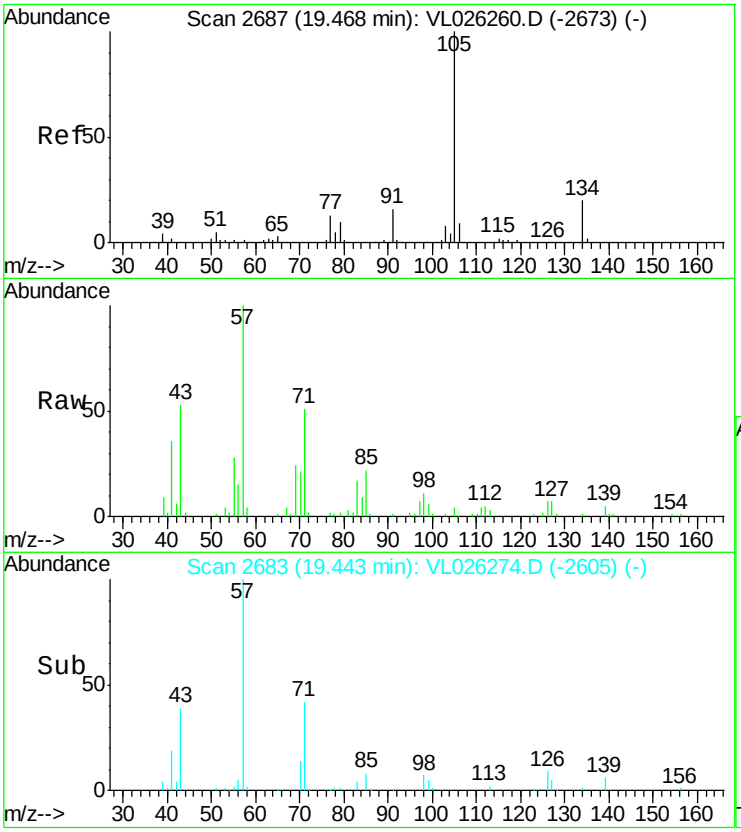


#65
tert-Butylbenzene
Concen: 0.03 ppbv
RT: 18.85 min Scan# 2586
Delta R.T. -0.02 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Tgt Ion:119 Resp: 10554

Ion	Ratio	Lower	Upper
119	100		
91	85.4	57.7	86.5
134	12.3	18.0	27.0#



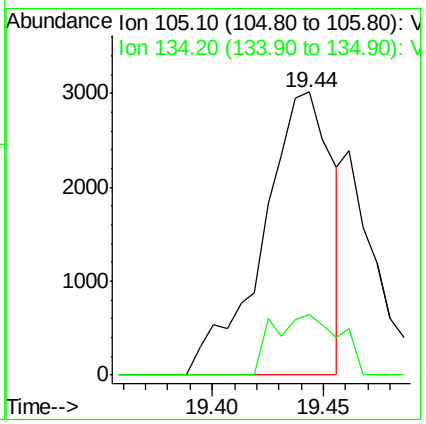


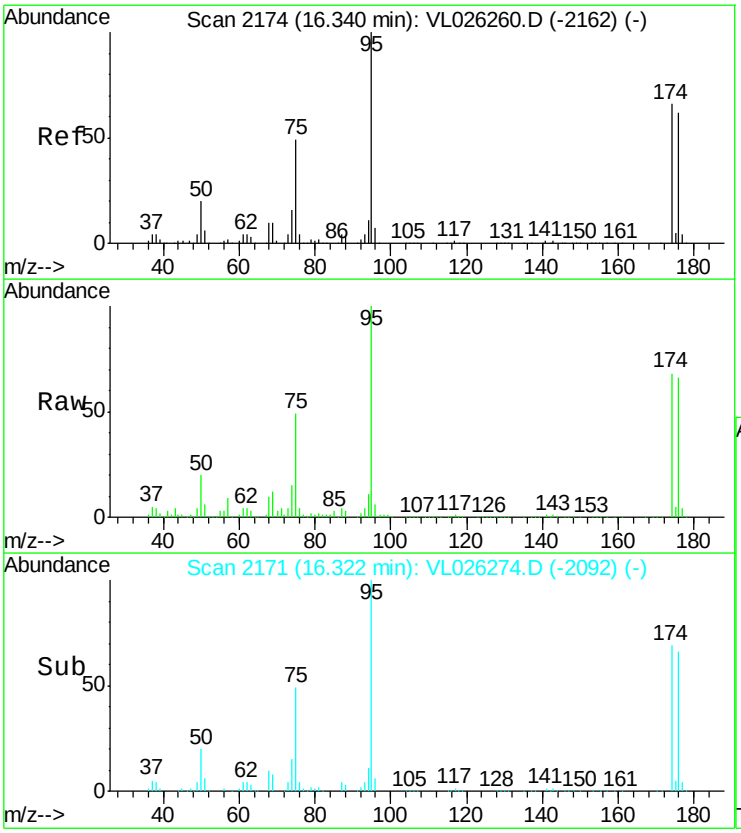
#67
sec-Butylbenzene
Concen: 0.01 ppbv
RT: 19.44 min Scan# 2683
Delta R.T. -0.02 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 6538

Ion	Ratio	Lower	Upper
105	100		
134	20.6	16.0	24.0

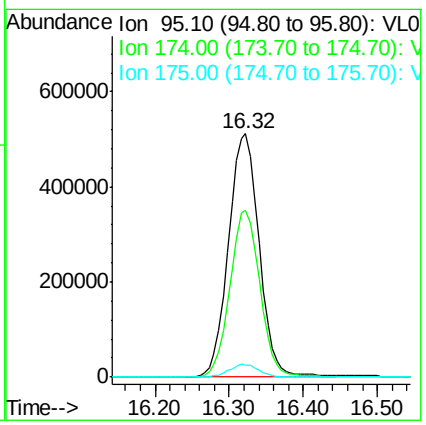


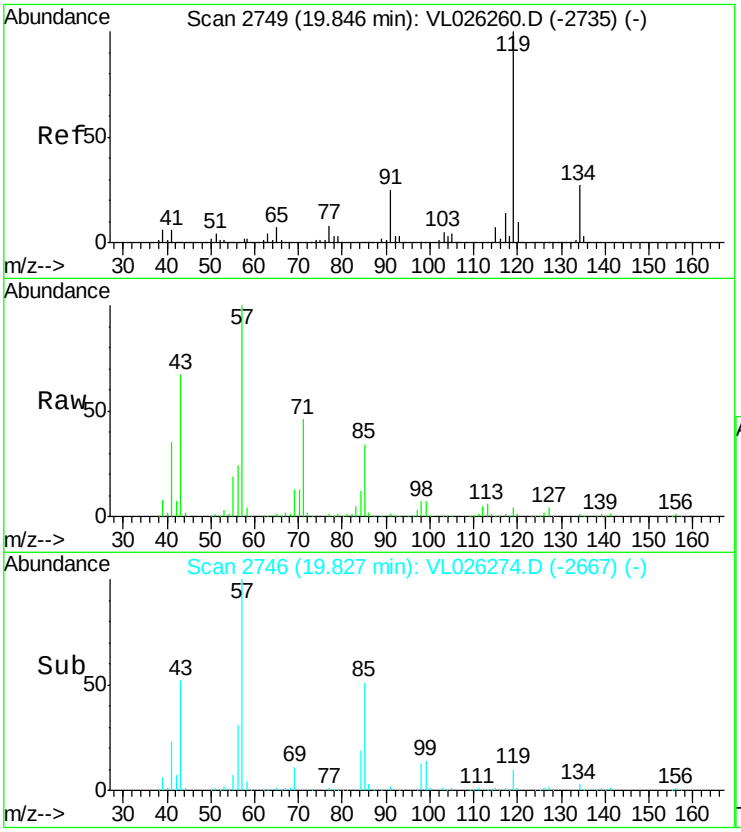


#68
1-Bromo-4-Fluorobenzene
Concen: 10.20 ppbv
RT: 16.32 min Scan# 2171
Delta R.T. -0.02 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Tgt Ion: 95 Resp: 1463516

Ion	Ratio	Lower	Upper
95	100		
174	68.3	52.9	79.3
175	5.1	3.8	5.8



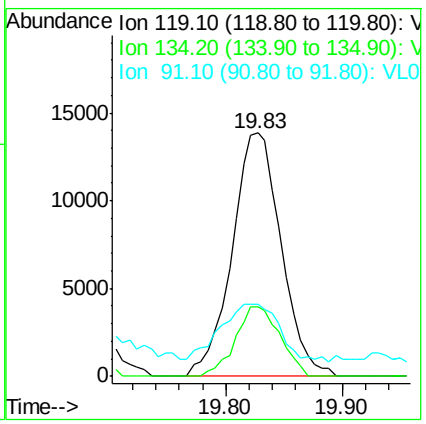


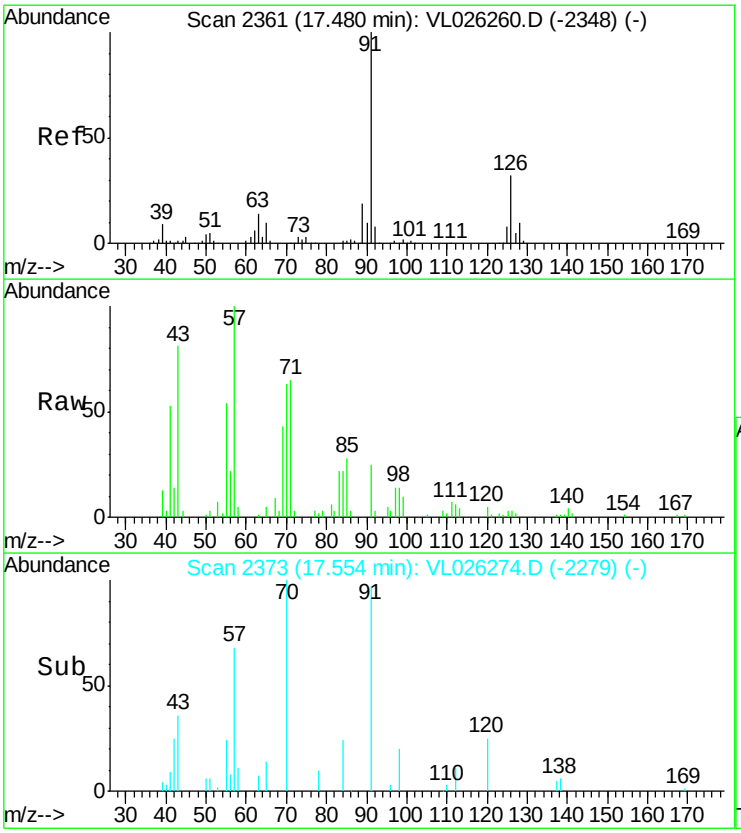
#69
p-Isopropyltoluene
Concen: 0.11 ppbv
RT: 19.83 min Scan# 2746
Delta R.T. -0.02 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:119 Resp: 40574

Ion	Ratio	Lower	Upper
119	100		
134	26.0	21.3	31.9
91	35.1	19.6	29.4#

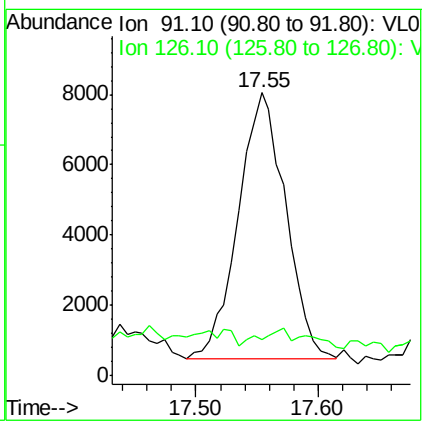


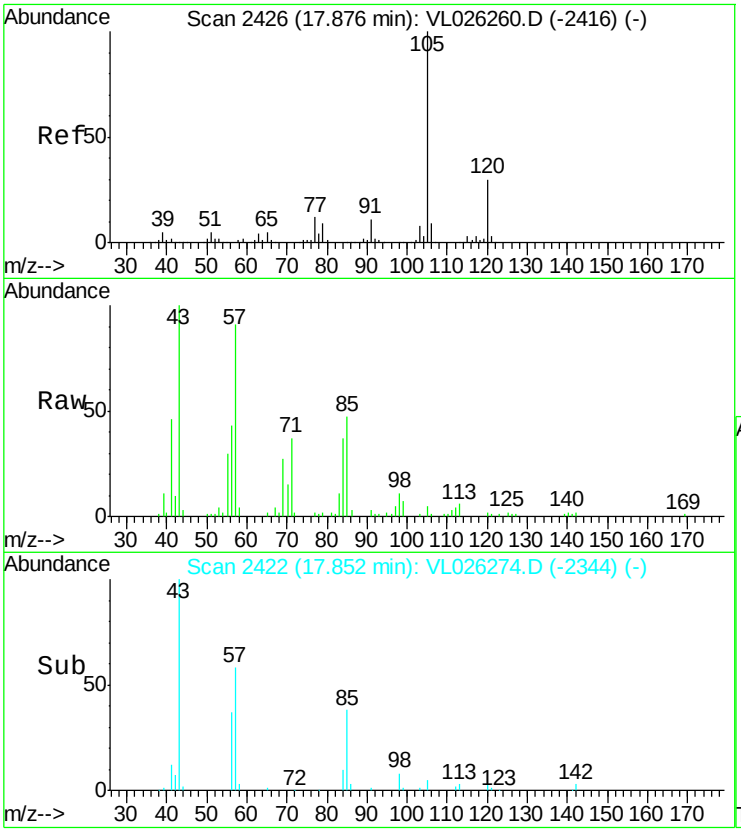


#71
2-Chlorotoluene
Concen: 0.08 ppbv
RT: 17.55 min Scan# 2373
Delta R.T. 0.07 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Tgt Ion: 91 Resp: 20257

Ion	Ratio	Lower	Upper
91	100		
126	14.6	12.8	51.0



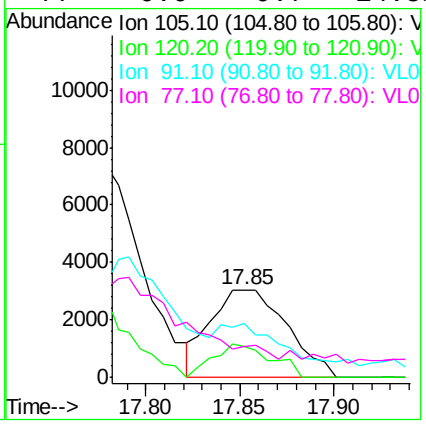


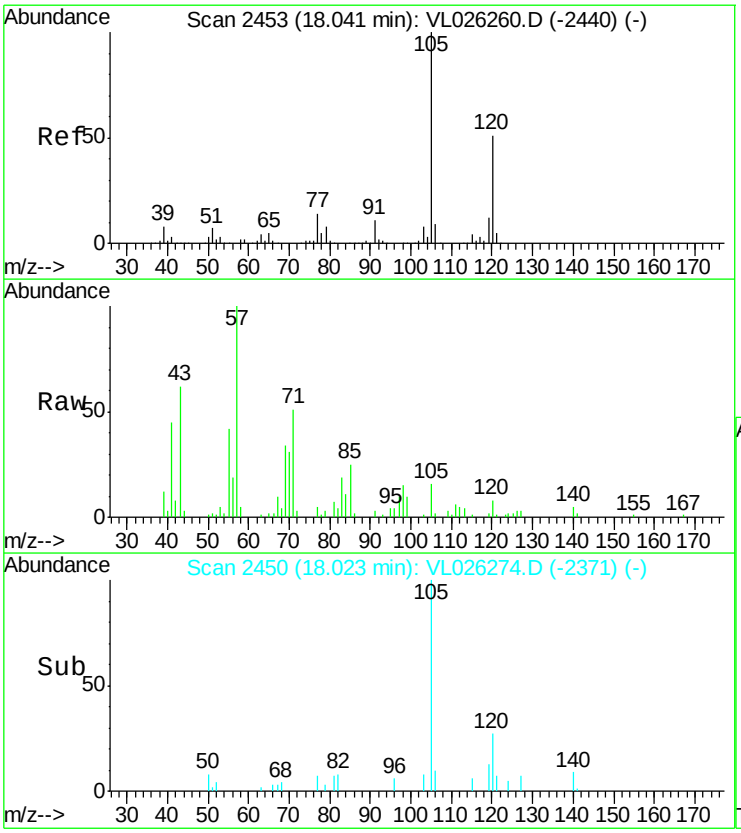
#72
4-Ethyltoluene
Concen: 0.03 ppbv
RT: 17.85 min Scan# 2422
Delta R.T. -0.02 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 8610

Ion	Ratio	Lower	Upper
105	100		
120	28.5	25.1	37.7
91	0.0	9.1	13.7#
77	0.0	9.7	14.5#

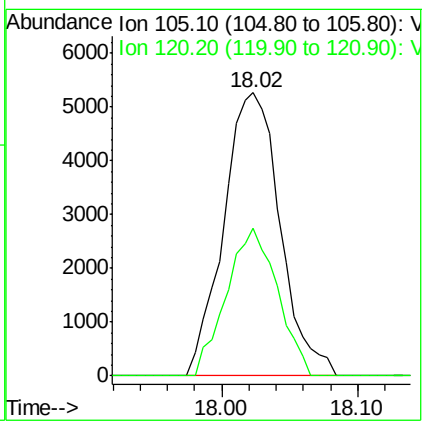


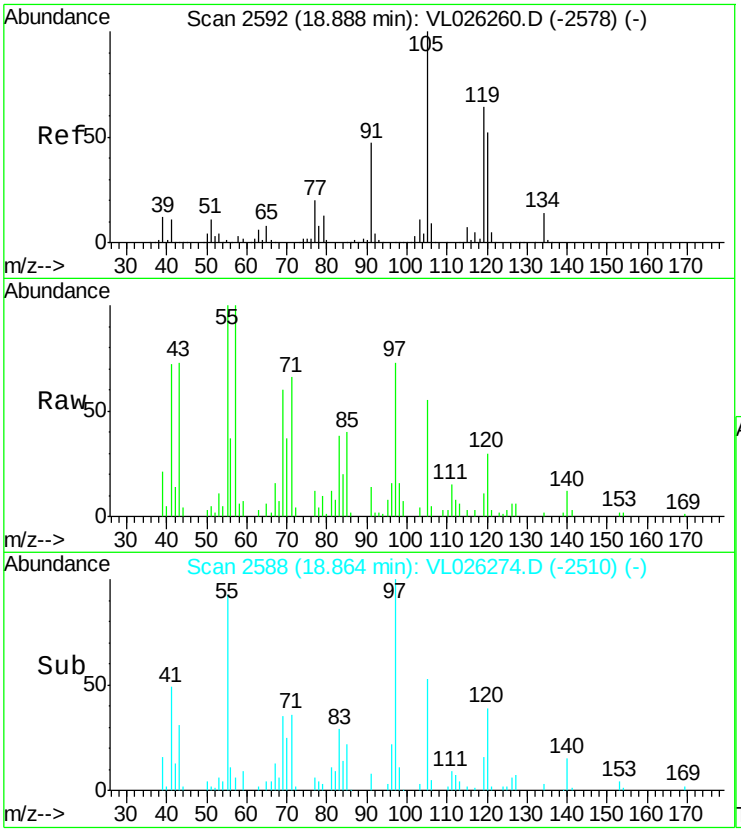


#73
1,3,5-Trimethylbenzene
Concen: 0.06 ppbv
RT: 18.02 min Scan# 2450
Delta R.T. -0.02 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Tgt Ion:105 Resp: 15260

Ion	Ratio	Lower	Upper
105	100		
120	52.0	40.6	61.0





#74
1,2,4-Trimethylbenzene
Concen: 0.13 ppbv
RT: 18.86 min Scan# 2588
Delta R.T. -0.02 min
Lab File: VL026274.D
Acq: 29 Oct 2015 21:03

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 36188

Ion	Ratio	Lower	Upper
105	100		
120	55.4	41.2	61.8
91	19.2	37.8	56.8#
77	14.8	16.1	24.1#