Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL070715\
Data File : VL025615.D
Acq On : 7 Jul 2015 19:59
Operator : SY/MD
Sample : G2872-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : DIN46-EFFLUENT-070115

Quant Time: Jul 08 06:54:26 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 08 02:22:55 2015
QLast Update : Wed Jul 08 02:22:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	6.67	49	647300	10.00	ppbv		0.01
33) 1,4-Difluorobenzene	8.34	114	1739513	10.00	ppbv		0.00
55) Chlorobenzene-d5	13.75	117	2075837	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	16.29	95	1773185	10.13	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.65	85	128342	0.77	ppbv		100
3) Chlorodifluoromethane	3.57	51	33469	0.37	ppbv	#	87
4) Chloromethane	3.76	50	46672	1.12	ppbv		96
5) Vinyl Chloride	3.89	62	702490	15.63	ppbv		98
7) Chloroethane	4.24	64	5319	0.25	ppbv		94
8) Dichlorotetrafluoroethane	3.81	85	5315	0.04	ppbv		93
9) Propene	3.60	41	589236	19.44	ppbv		93
10) Heptane	9.35	43	4319	0.04	ppbv		88
11) Trichlorofluoromethane	4.70	101	20520	0.09	ppbv	#	82
12) 1,1,2-Trichlorotrifluoroet	5.31	101	1975	0.02	ppbv	#	74
13) Ethanol	4.35	45	375246	79.63	ppbv		97
15) Acetone	4.59	43	7151106	62.54	ppbv		94
16) 1,3-Butadiene	3.95	39	846818	18.60	ppbv	#	18
17) tert-Butyl alcohol	5.15	59	8920258	92.96	ppbv		98
19) Isopropyl Alcohol	4.78	45	185779	4.07	ppbv	#	96
20) Methylene Chloride	5.16	84	15492	0.33	ppbv	#	1
21) Allyl Chloride	5.15	41	2395173	33.46	ppbv	#	49
23) Vinyl Acetate	5.99	43	118605	0.68	ppbv	#	86
24) 1,1-Dichloroethane	5.91	63	1083	0.01	ppbv	#	87
25) Ethyl Acetate	7.12	43	171871	0.99	ppbv	#	76
26) Hexane	6.67	57	2383	0.03	ppbv	#	1
27) Carbon Disulfide	5.40	76	11338	0.09	ppbv	#	9
28) Methyl tert-Butyl Ether	5.95	73	4564	0.03	ppbv	#	56
29) Chloroform	6.76	83	912	0.01	ppbv		93
30) Cyclohexane	8.29	84	1840	0.02	ppbv	#	1
31) cis-1,2-Dichloroethene	6.53	61	2736	0.03	ppbv	#	74
32) 1,1,1-Trichloroethane	7.60	97	340	0.00	ppbv	#	22
34) 2-Butanone	6.20	43	2484585	25.17	ppbv		99
35) Carbon Tetrachloride	8.18	117	2906	0.02	ppbv	#	76
36) Benzene	8.04	78	11144	0.07	ppbv		97
37) 1,2-Dichloroethane	7.39	62	317	0.00	ppbv	#	85
38) Trichloroethene	9.07	130	16082	0.21	ppbv		95
41) Tetrahydrofuran	7.12	42	613028	12.44	ppbv		99
42) Bromodichloromethane	9.04	83	202	0.00	ppbv	#	24
43) Methyl Methacrylate	9.26	69	655	0.01	ppbv	#	1
44) 2,2,4-Trimethylpentane	9.09	57	9419	0.03	ppbv	#	26
50) 4-Methyl-2-Pentanone	10.09	43	2101	0.01	ppbv	#	39
51) 2-Hexanone	11.63	43	24785	0.19	ppbv	#	95
52) Tetrachloroethene	12.80	164	4358	0.05	ppbv	#	72
53) Toluene	11.24	91	25298	0.11	ppbv		97
57) Chlorobenzene	13.82	112	584	0.00	ppbv	#	73

Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL070715\
Data File : VL025615.D
Acq On : 7 Jul 2015 19:59
Operator : SY/MD
Sample : G2872-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : DIN46-EFFLUENT-070115

Quant Time: Jul 08 06:54:26 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 08 02:22:55 2015
QLast Update : Wed Jul 08 02:22:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
58) Ethyl Benzene	14.41	91	9212	0.03	ppbv		92
59) m/p-Xylene	14.72	91	6658	0.02	ppbv	#	29
60) o-Xylene	15.49	91	16305	0.05	ppbv		98
61) Styrene	15.31	104	618	0.01	ppbv	#	1
62) Isopropylbenzene	16.55	105	41023	0.10	ppbv		99
63) 1,1,2,2-Tetrachloroethane	15.49	83	404	0.00	ppbv	#	48
64) n-propylbenzene	17.52	120	957	0.01	ppbv	#	1
65) tert-Butylbenzene	18.83	119	5801	0.01	ppbv	#	1
66) Benzyl Chloride	19.11	91	1140	0.01	ppbv	#	65
67) sec-Butylbenzene	19.41	105	1643	0.00	ppbv	#	57
69) p-Isopropyltoluene	19.78	119	9922	0.02	ppbv	#	5
70) n-Butylbenzene	20.76	91	16395	0.03	ppbv	#	45
71) 2-Chlorotoluene	17.43	91	864	0.00	ppbv	#	44
72) 4-Ethyltoluene	17.82	105	8892	0.02	ppbv	#	84
73) 1,3,5-Trimethylbenzene	17.99	105	17113	0.05	ppbv		87
74) 1,2,4-Trimethylbenzene	18.83	105	75359	0.19	ppbv	#	68
75) 1,3-Dichlorobenzene	19.13	146	1184	0.00	ppbv	#	1
76) 1,4-Dichlorobenzene	19.27	146	990	0.00	ppbv	#	31
77) 1,2-Dichlorobenzene	20.02	146	2027	0.01	ppbv	#	23
78) Hexachloro-1,3-Butadiene	24.67	225	1584	0.01	ppbv	#	88
79) Naphthalene	23.93	128	97689	0.26	ppbv	#	93
80) Naphthalene,2-methyl-	26.05	142	27516	0.25	ppbv		92
81) 1,2,4-Trichlorobenzene	23.72	180	646	0.00	ppbv	#	12

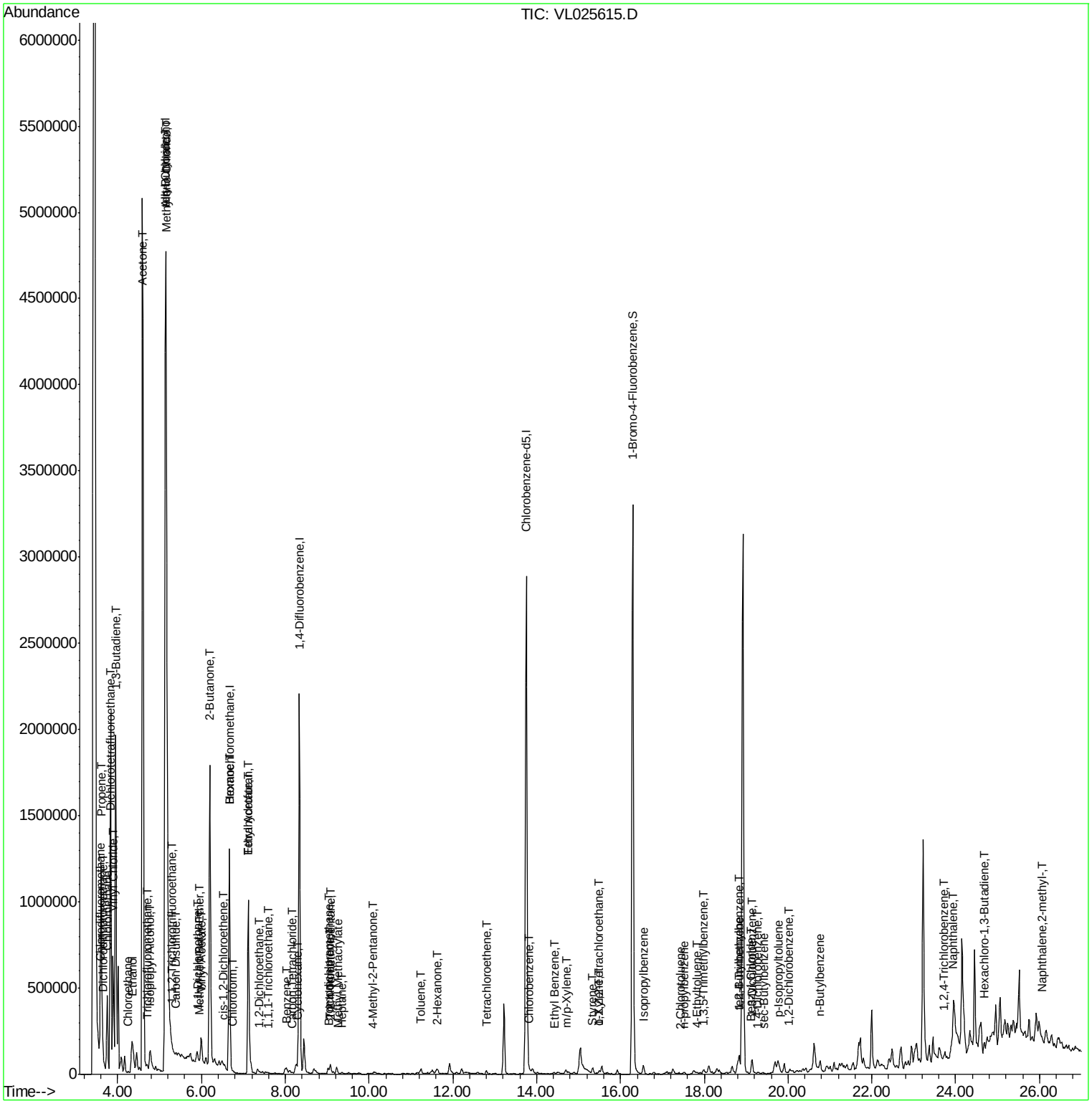
(#) = qualifier out of range (m) = manual integration (+) = signals summed

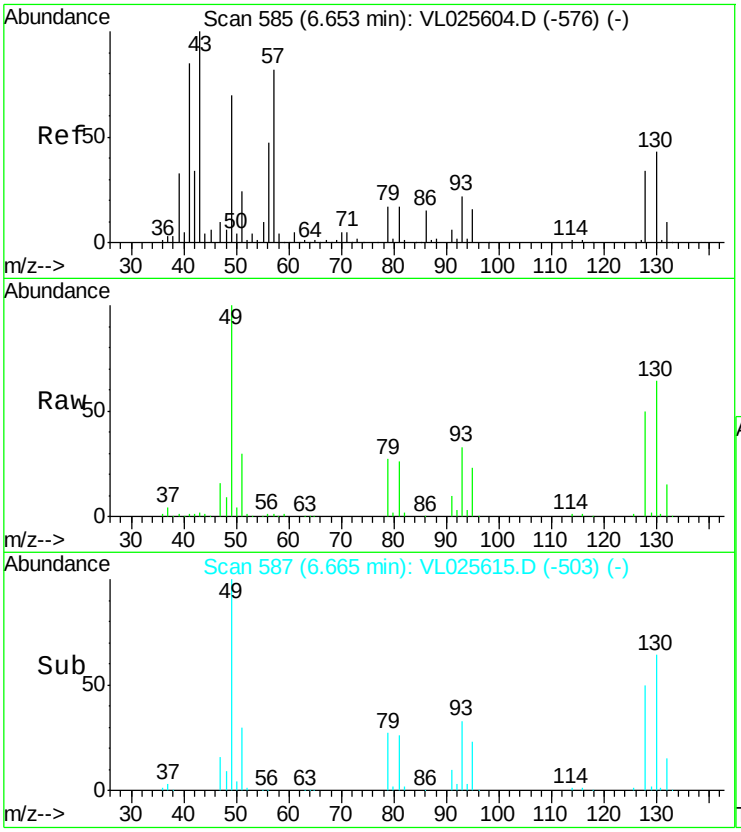
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL070715\
Data File : VL025615.D
Acq On : 7 Jul 2015 19:59
Operator : SY/MD
Sample : G2872-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
DIN46-EFFLUENT-070115

Quant Time: Jul 08 06:54:26 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 08 02:22:55 2015
QLast Update : Wed Jul 08 02:22:55 2015
Response via : Initial Calibration



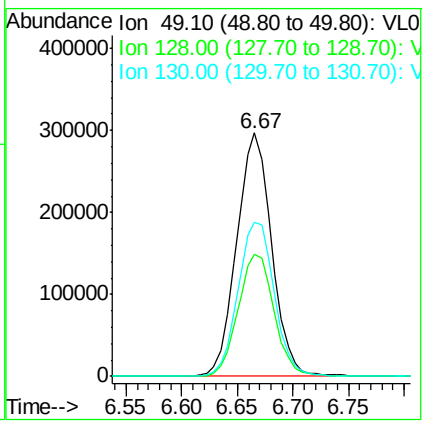


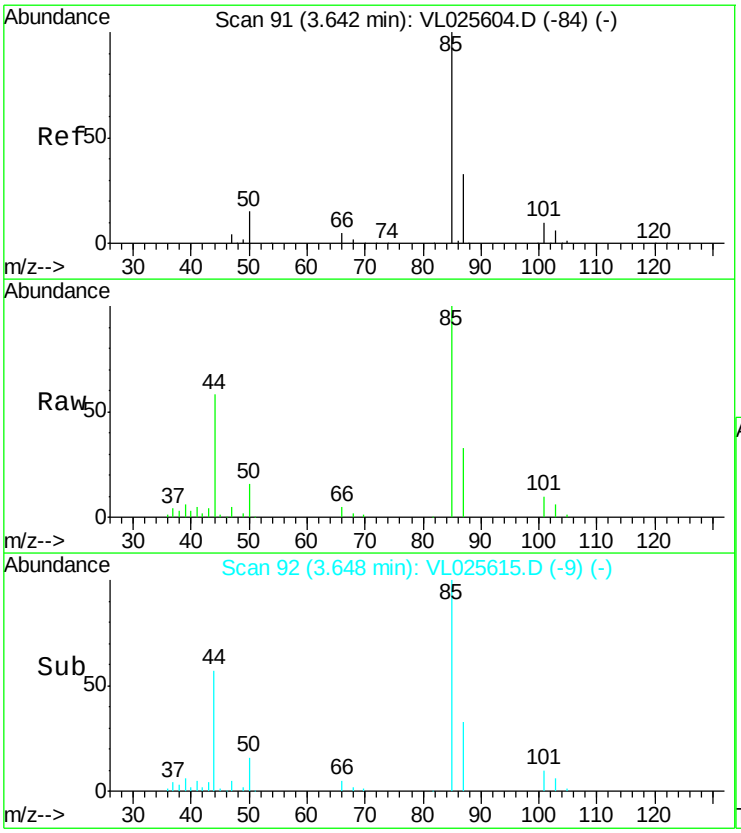
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 6.67 min Scan# 587
Delta R.T. 0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Instrument :
MSVOA_L
ClientSampleId :
DIN46-EFFLUENT-070115

Tgt Ion: 49 Resp: 647300

Ion	Ratio	Lower	Upper
49	100		
128	51.6	25.4	76.0
130	66.2	31.9	95.9

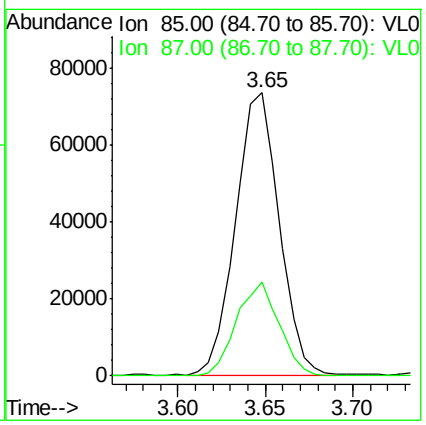


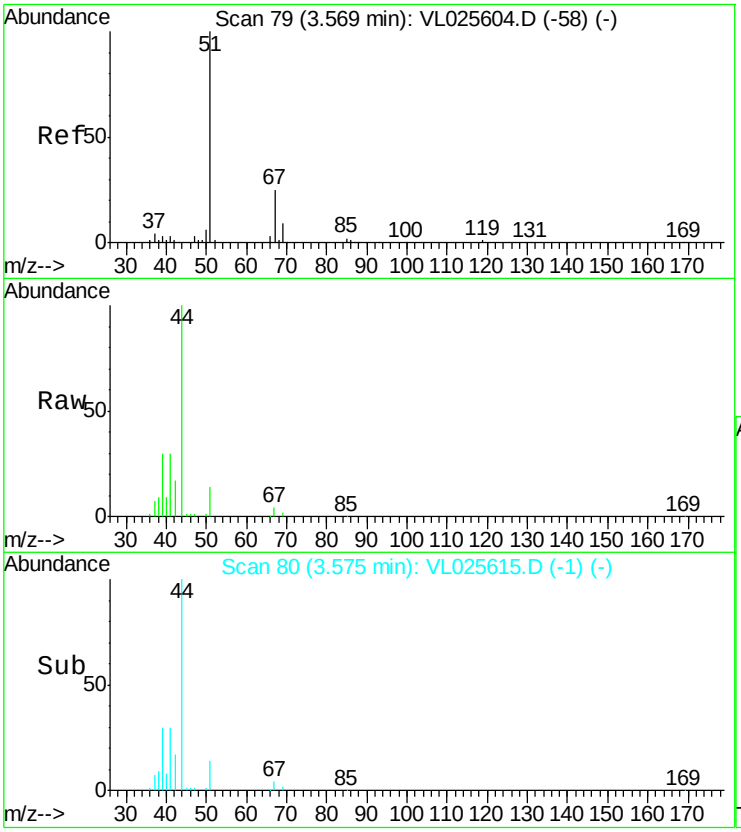


#2
Dichlorodifluoromethane
Concen: 0.77 ppbv
RT: 3.65 min Scan# 92
Delta R.T. 0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Tgt Ion: 85 Resp: 128342

Ion	Ratio	Lower	Upper
85	100		
87	33.3	26.5	39.7



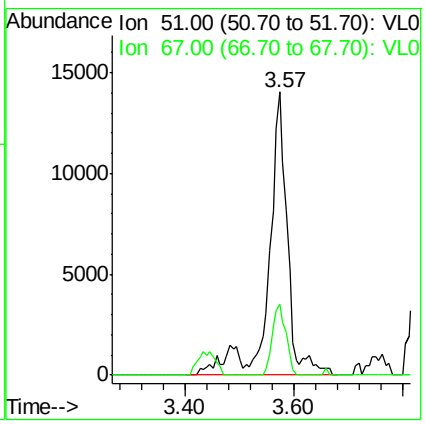


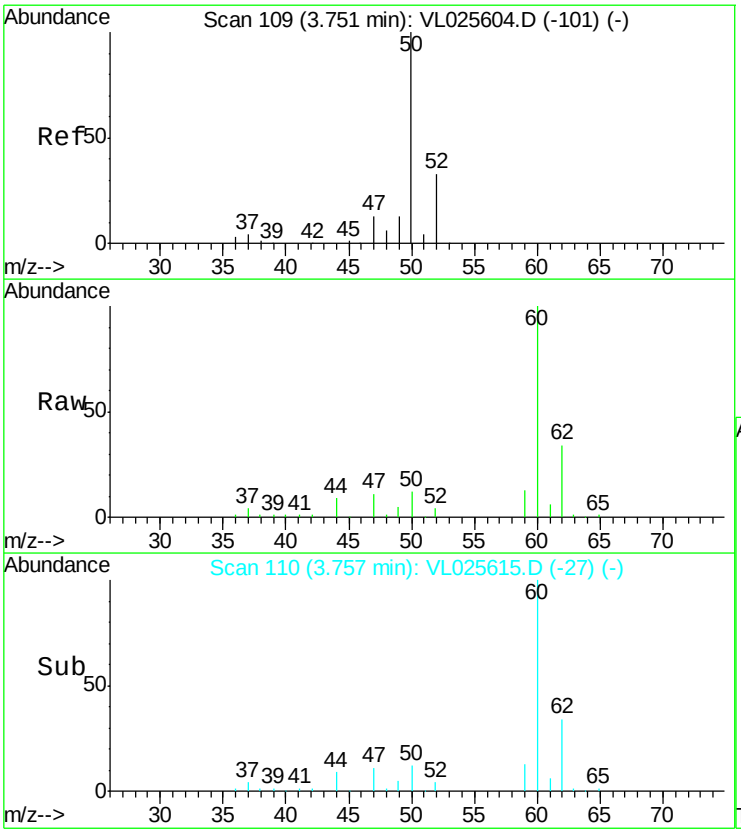
#3
Chlorodifluoromethane
Concen: 0.37 ppbv
RT: 3.57 min Scan# 80
Delta R.T. 0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Instrument :
MSVOA_L
ClientSampleId :
DIN46-EFFLUENT-070115

Tgt Ion: 51 Resp: 33469

Ion	Ratio	Lower	Upper
51	100		
67	18.0	19.5	29.3#

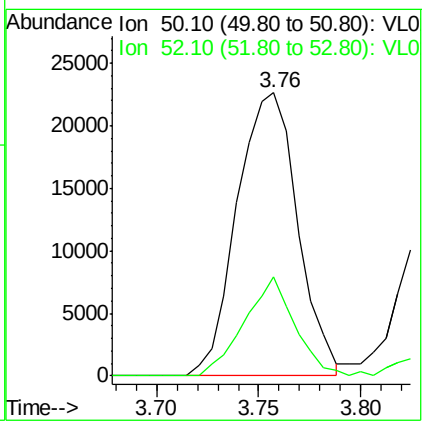


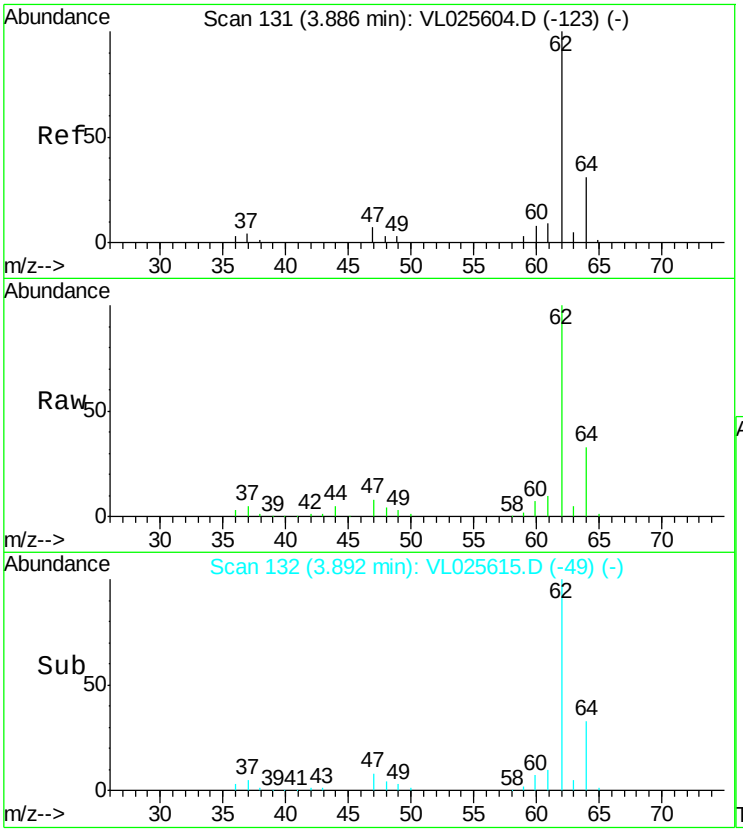


#4
Chloromethane
Concen: 1.12 ppbv
RT: 3.76 min Scan# 110
Delta R.T. 0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Tgt Ion: 50 Resp: 46672

Ion	Ratio	Lower	Upper
50	100		
52	34.9	26.2	39.2



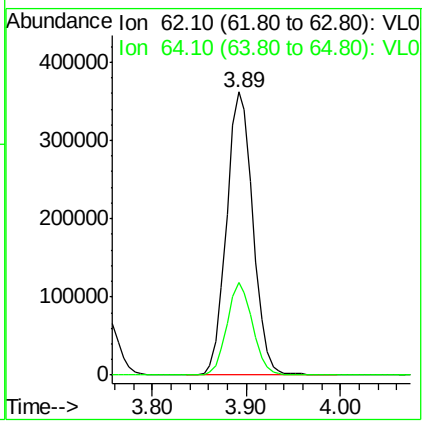


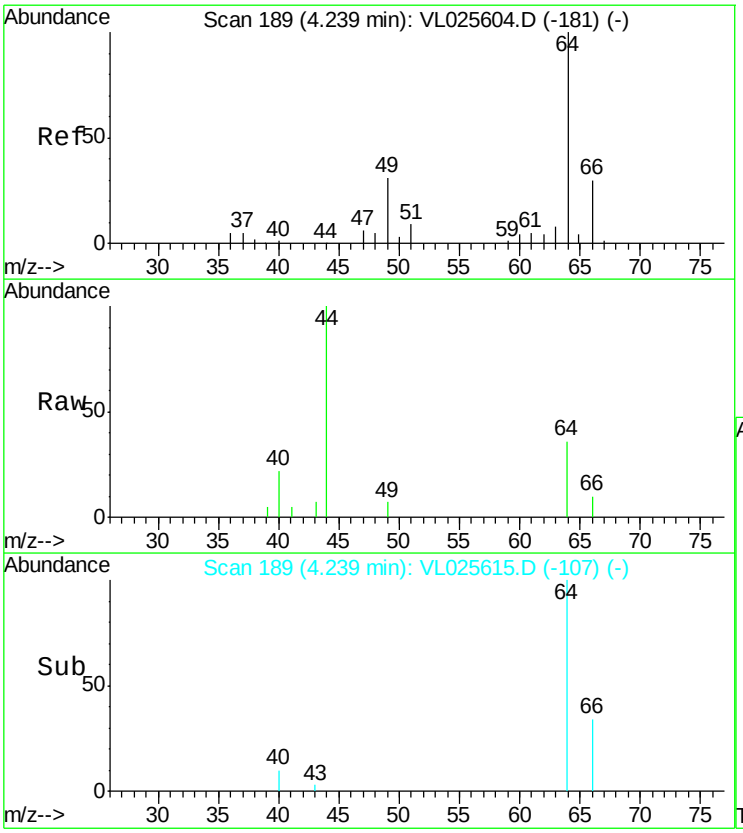
#5
Vinyl Chloride
Concen: 15.63 ppbv
RT: 3.89 min Scan# 132
Delta R.T. 0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Instrument :
MSVOA_L
ClientSampleId :
DIN46-EFFLUENT-070115

Tgt Ion: 62 Resp: 702490

Ion	Ratio	Lower	Upper
62	100		
64	32.7	25.0	37.6

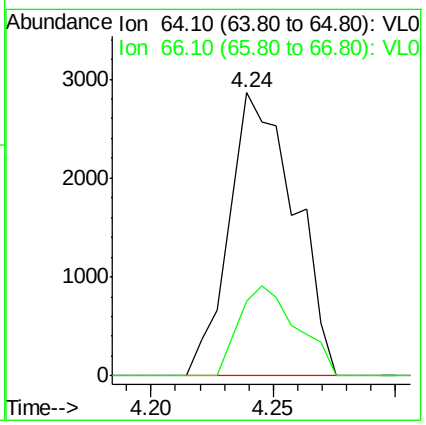


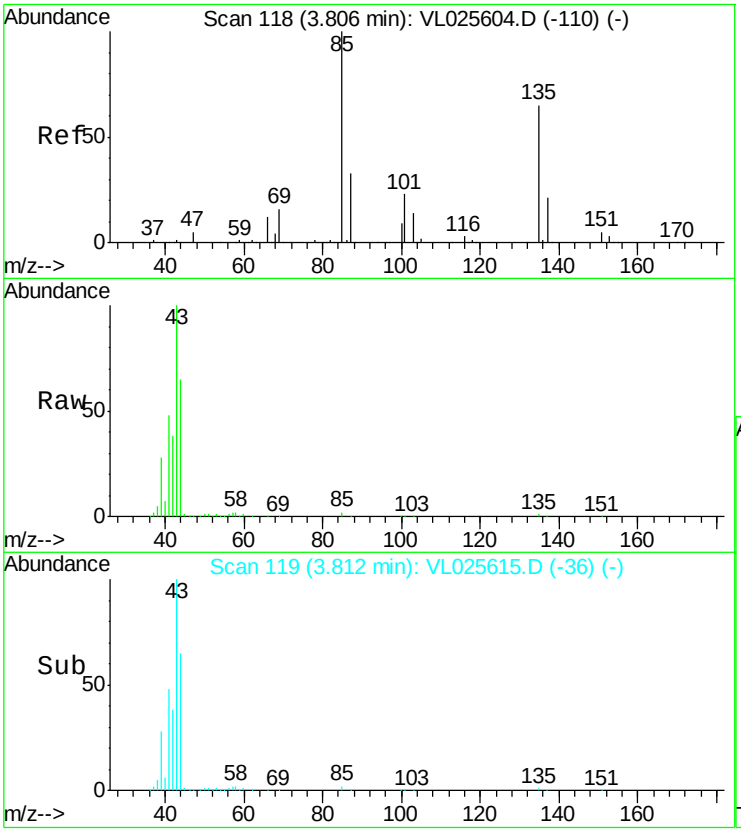


#7
Chloroethane
Concen: 0.25 ppbv
RT: 4.24 min Scan# 189
Delta R.T. -0.00 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Tgt Ion: 64 Resp: 5319

Ion	Ratio	Lower	Upper
64	100		
66	26.4	23.8	35.8



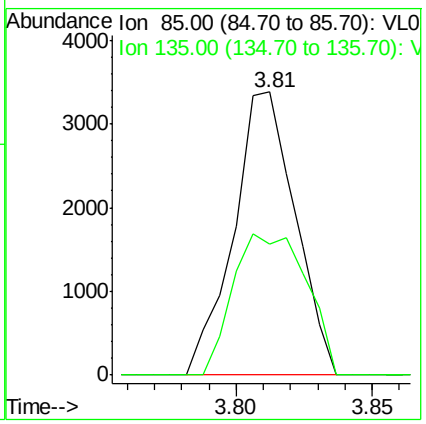


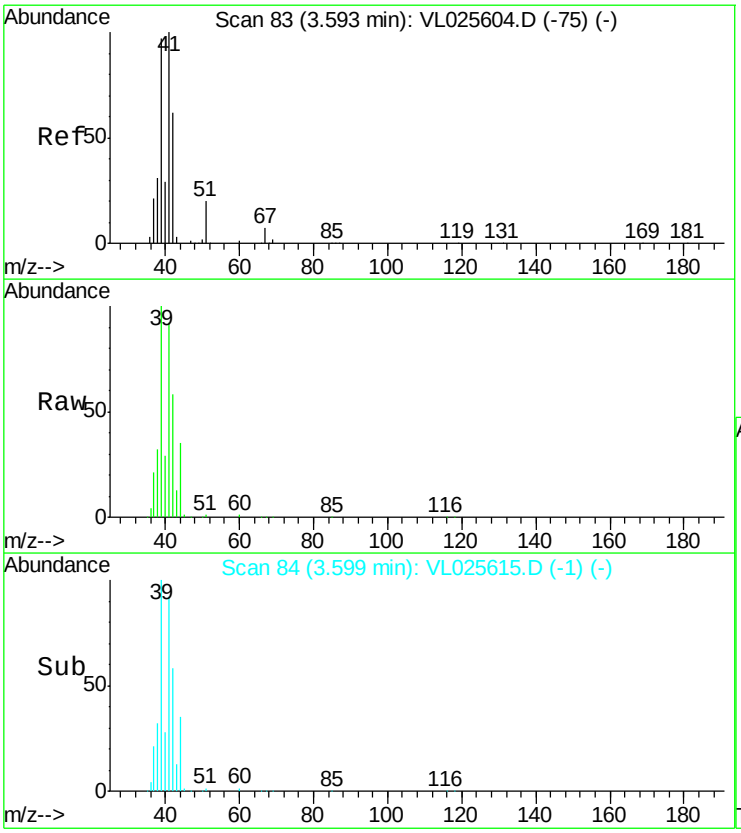
#8
Dichlorotetrafluoroethane
Concen: 0.04 ppbv
RT: 3.81 min Scan# 119
Delta R.T. 0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Instrument :
MSVOA_L
ClientSampleId :
DIN46-EFFLUENT-070115

Tgt Ion: 85 Resp: 5315

Ion	Ratio	Lower	Upper
85	100		
135	59.4	52.2	78.4

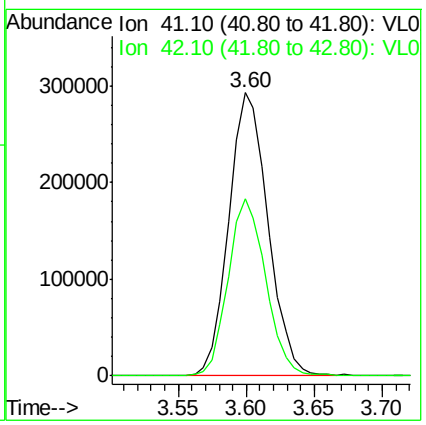


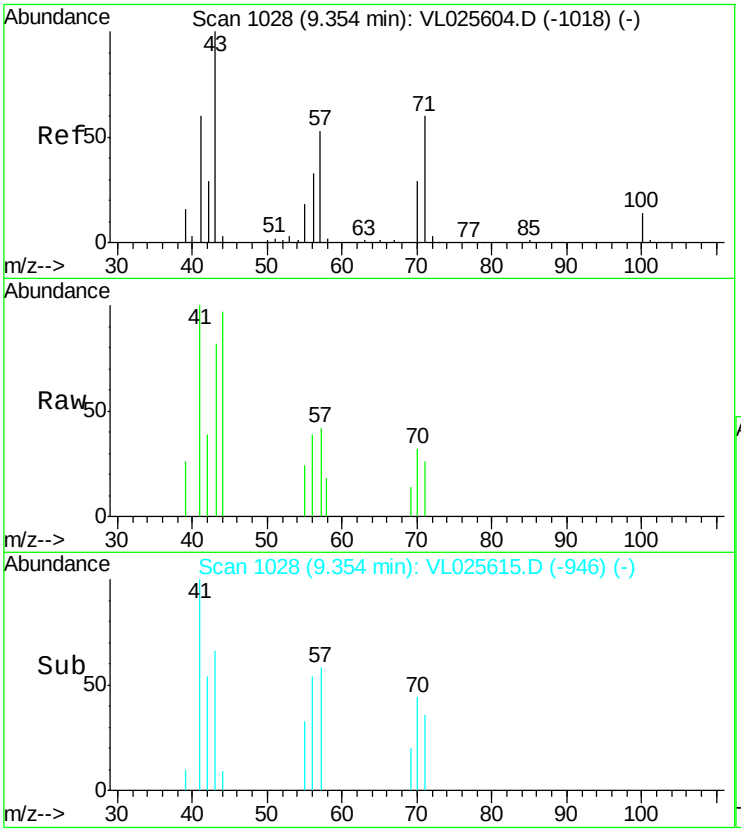


#9
Propene
Concen: 19.44 ppbv
RT: 3.60 min Scan# 84
Delta R.T. 0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Tgt Ion: 41 Resp: 589236

Ion	Ratio	Lower	Upper
41	100		
42	60.1	52.4	78.6



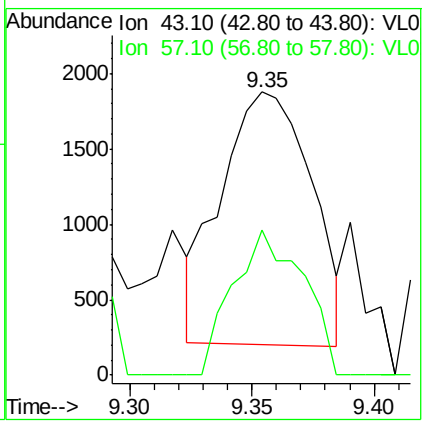


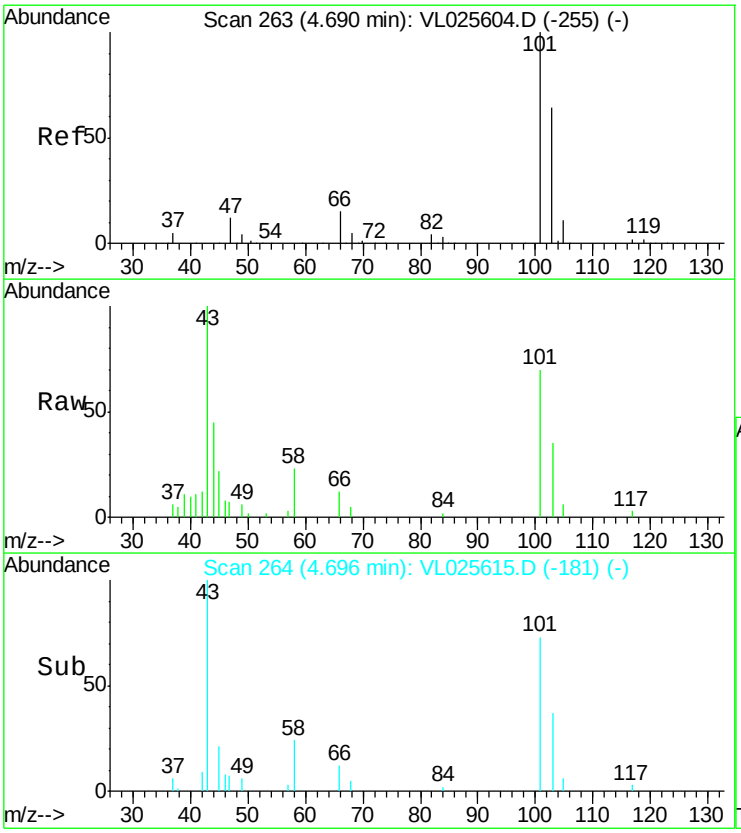
#10
Heptane
Concen: 0.04 ppbv
RT: 9.35 min Scan# 1028
Delta R.T. -0.00 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Instrument :
MSVOA_L
ClientSampleId :
DIN46-EFFLUENT-070115

Tgt Ion: 43 Resp: 4319

Ion	Ratio	Lower	Upper
43	100		
57	44.6	42.6	64.0

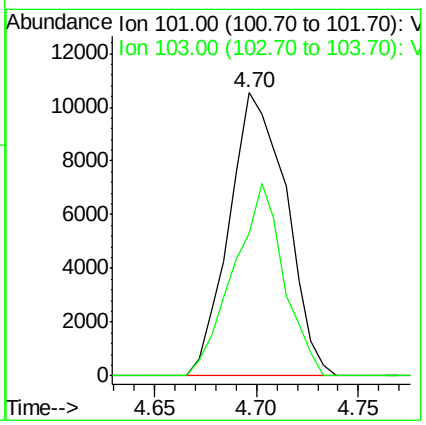


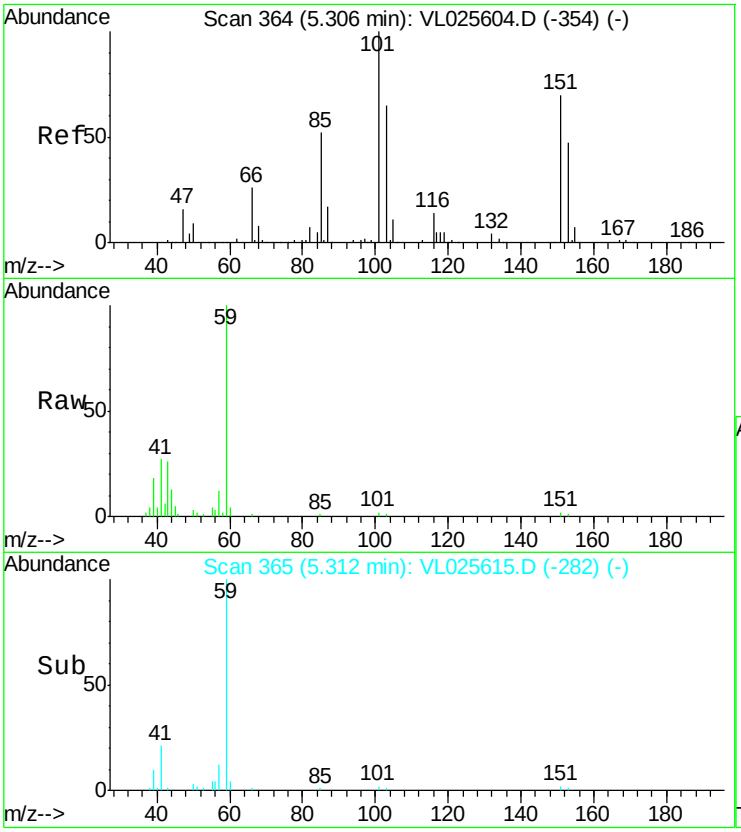


#11
Trichlorofluoromethane
Concen: 0.09 ppbv
RT: 4.70 min Scan# 264
Delta R.T. 0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Tgt Ion:101 Resp: 20520

Ion	Ratio	Lower	Upper
101	100		
103	50.2	51.4	77.2#



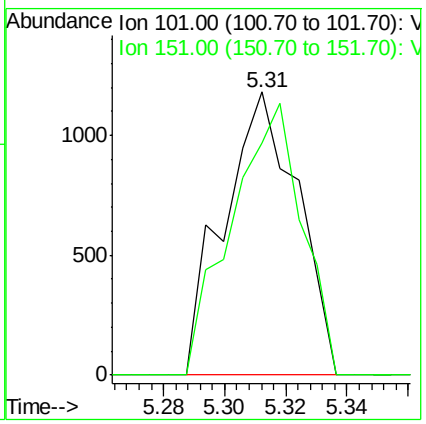


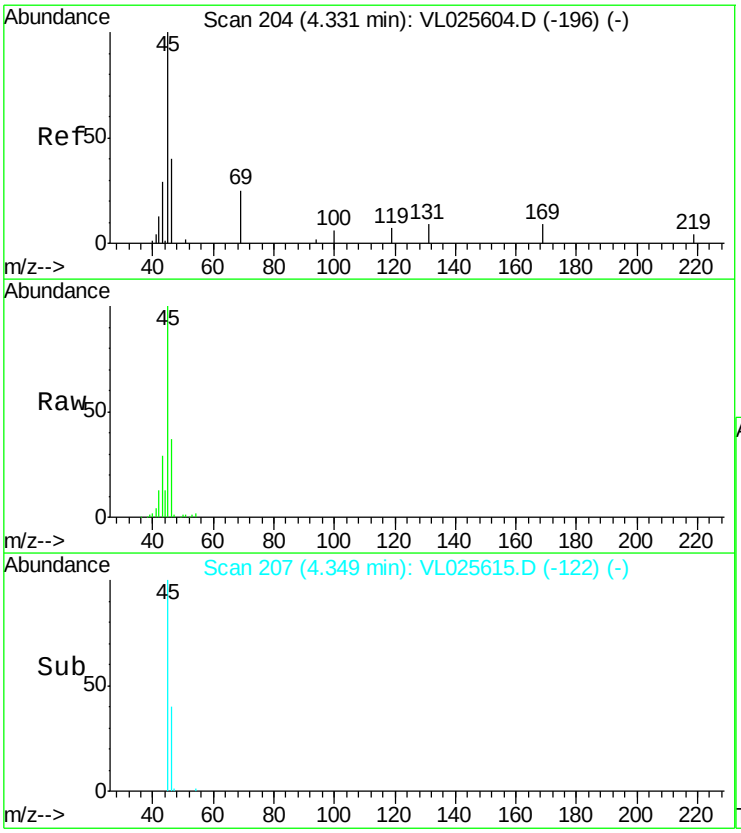
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.02 ppbv
RT: 5.31 min Scan# 365
Delta R.T. 0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Instrument :
MSVOA_L
ClientSampleId :
DIN46-EFFLUENT-070115

Tgt Ion:101 Resp: 1975

Ion	Ratio	Lower	Upper
101	100		
151	91.7	56.3	84.5#

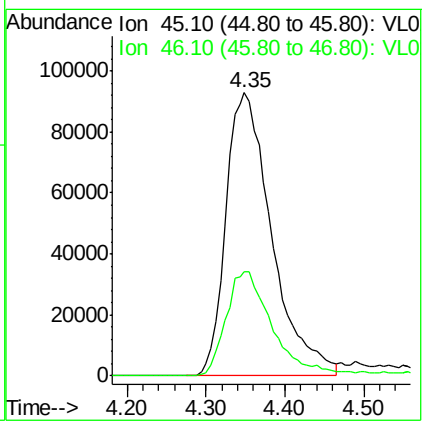


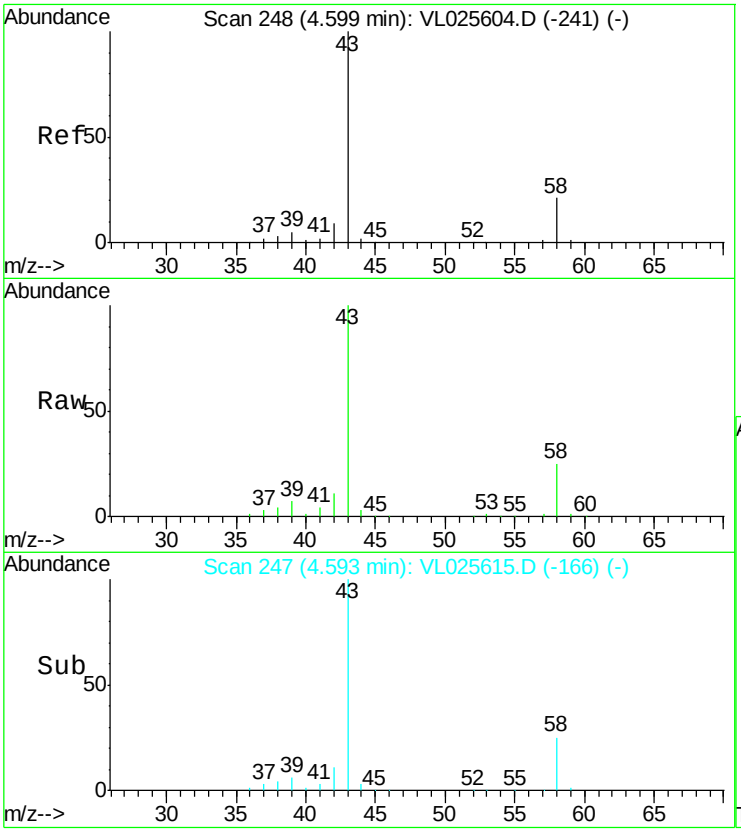


#13
Ethanol
Concen: 79.63 ppbv
RT: 4.35 min Scan# 207
Delta R.T. 0.02 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Tgt Ion: 45 Resp: 375246

Ion	Ratio	Lower	Upper
45	100		
46	38.1	16.0	64.0



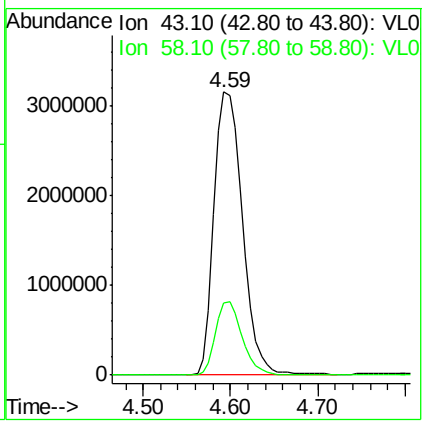


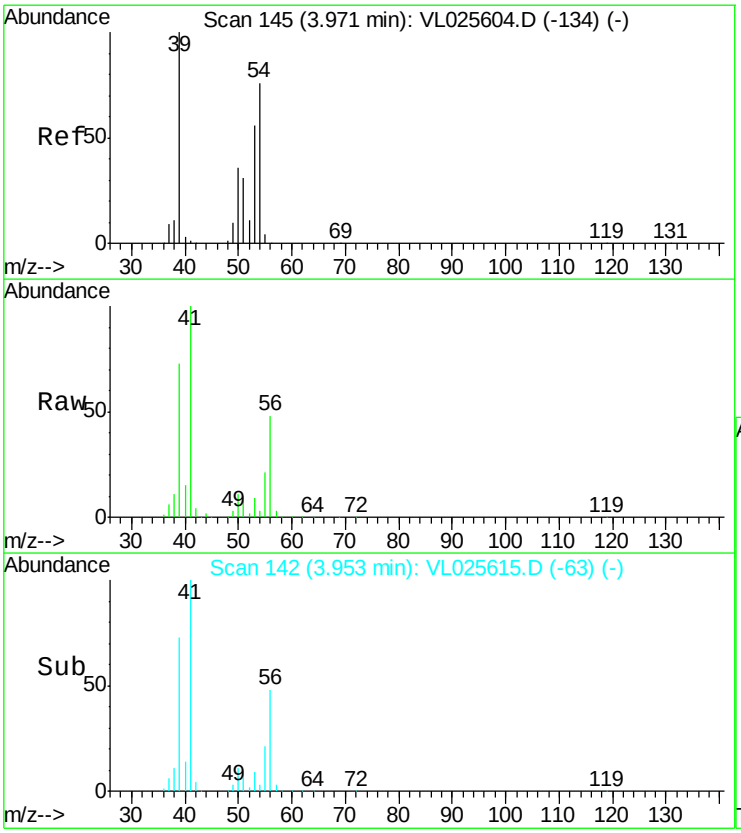
#15
Acetone
Concen: 62.54 ppbv
RT: 4.59 min Scan# 247
Delta R.T. -0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Instrument :
MSVOA_L
ClientSampleId :
DIN46-EFFLUENT-070115

Tgt Ion: 43 Resp: 7151106

Ion	Ratio	Lower	Upper
43	100		
58	24.4	17.2	25.8

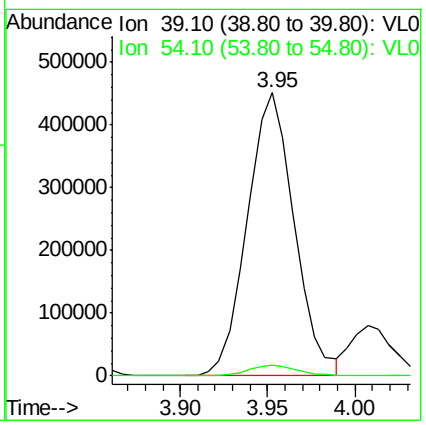


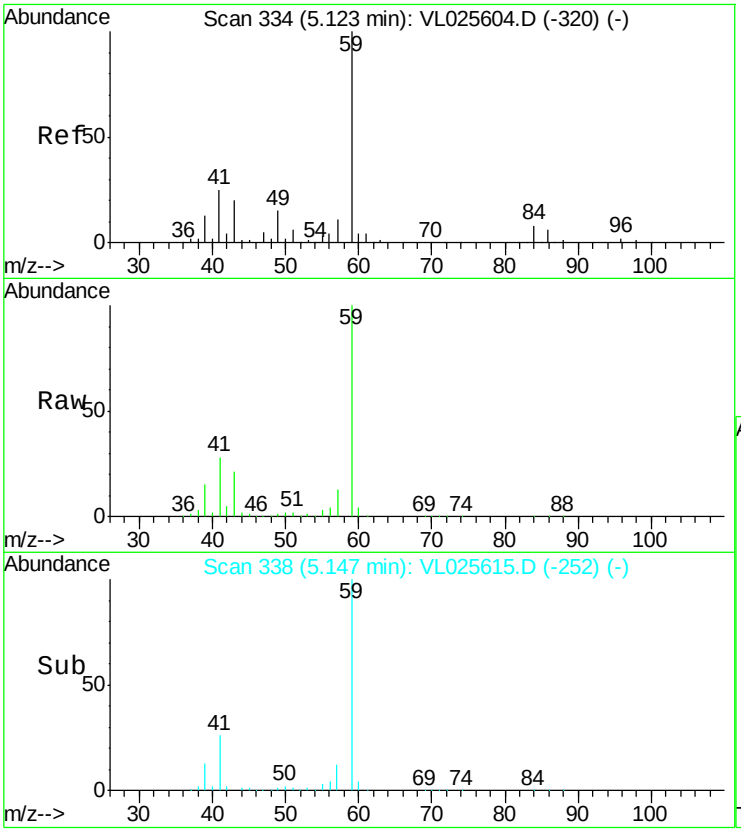


#16
1,3-Butadiene
Concen: 18.60 ppbv
RT: 3.95 min Scan# 142
Delta R.T. -0.02 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Tgt Ion: 39 Resp: 846818

Ion	Ratio	Lower	Upper
39	100		
54	4.3	59.3	88.9#



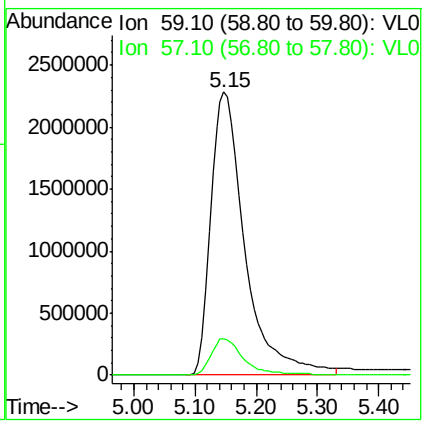


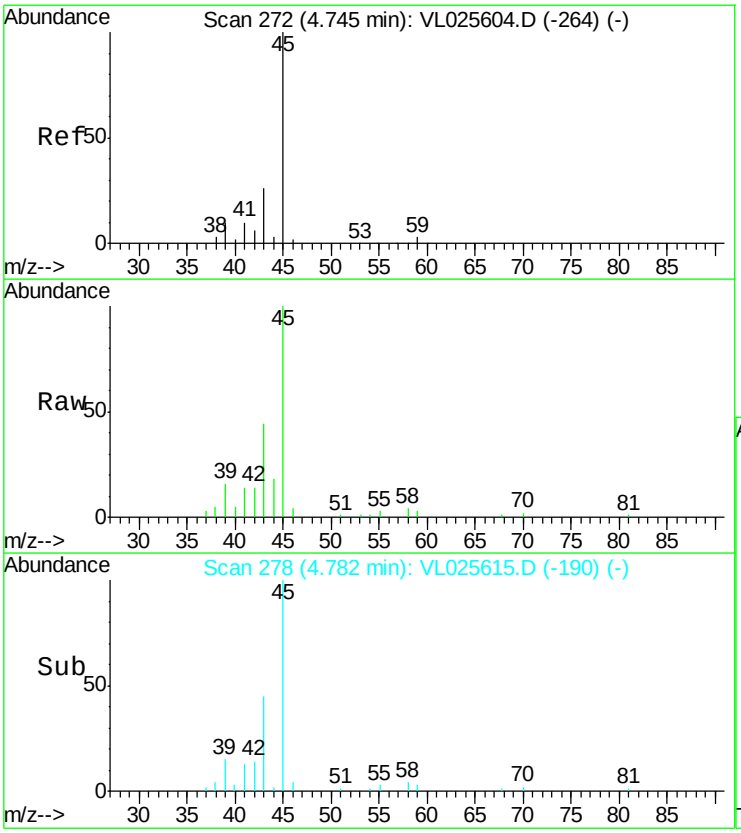
#17
tert-Butyl alcohol
Concen: 92.96 ppbv
RT: 5.15 min Scan# 338
Delta R.T. 0.02 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Instrument :
MSVOA_L
ClientSampleId :
DIN46-EFFLUENT-070115

Tgt Ion: 59 Resp: 8920258

Ion	Ratio	Lower	Upper
59	100		
57	12.7	9.4	14.2

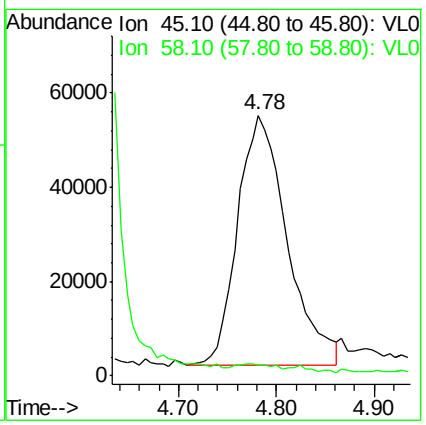


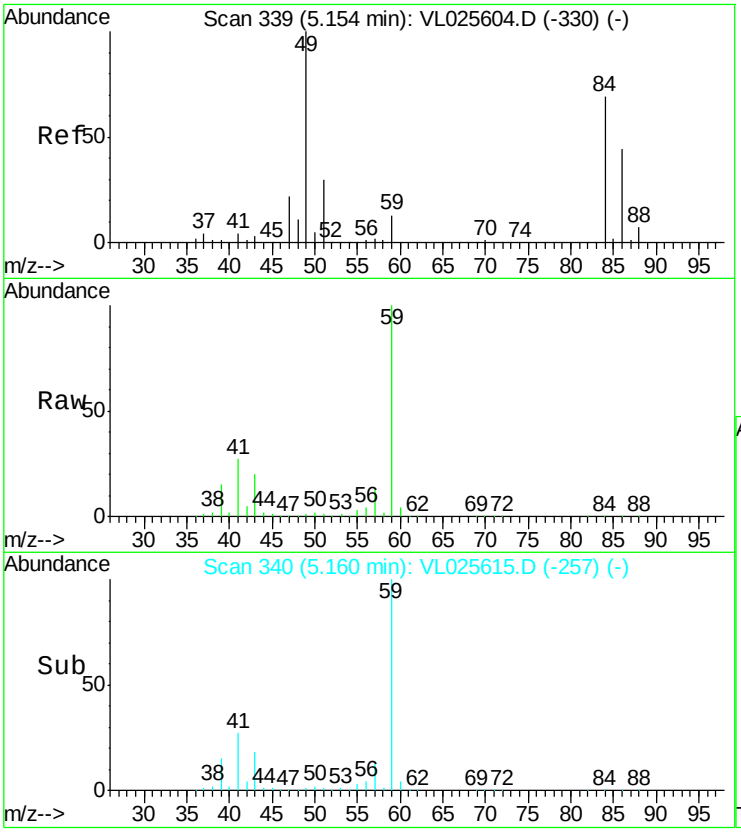


#19
Isopropyl Alcohol
Concen: 4.07 ppbv
RT: 4.78 min Scan# 278
Delta R.T. 0.04 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Tgt Ion: 45 Resp: 185779

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.1	1.7#



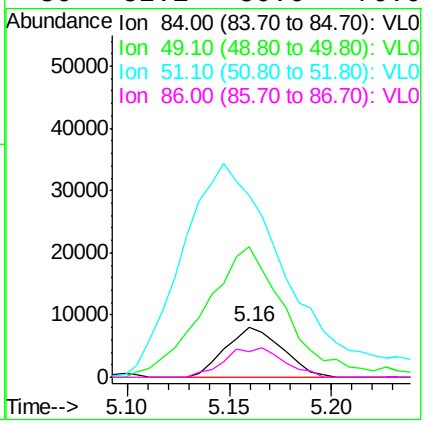


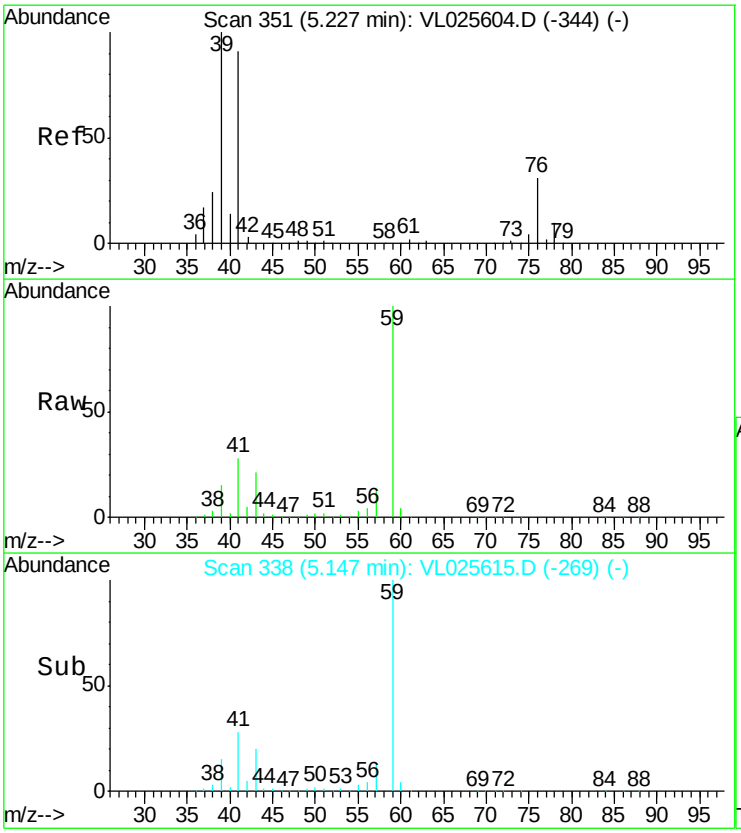
#20
Methylene Chloride
Concen: 0.33 ppbv
RT: 5.16 min Scan# 340
Delta R.T. 0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Instrument :
MSVOA_L
ClientSampleId :
DIN46-EFFLUENT-070115

Tgt Ion: 84 Resp: 15492

Ion	Ratio	Lower	Upper
84	100		
49	224.5	115.2	172.8#
51	295.7	35.0	52.6#
86	52.1	50.6	76.0

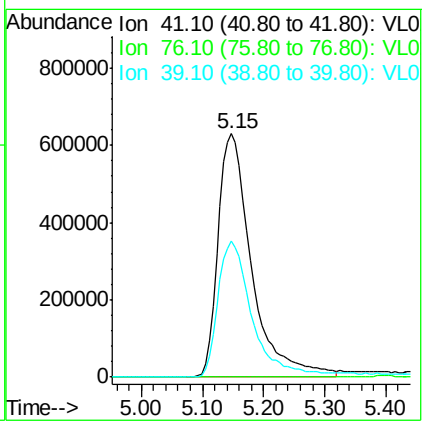


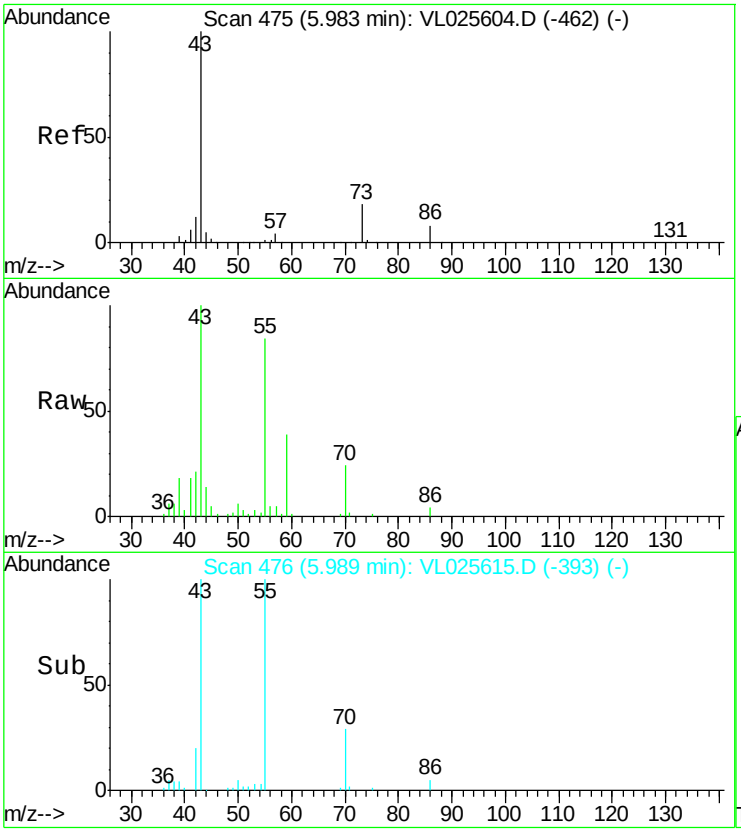


#21
Allyl Chloride
Concen: 33.46 ppbv
RT: 5.15 min Scan# 338
Delta R.T. -0.08 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Tgt Ion: 41 Resp: 2395173

Ion	Ratio	Lower	Upper
41	100		
76	0.0	26.6	40.0#
39	59.0	88.2	132.4#



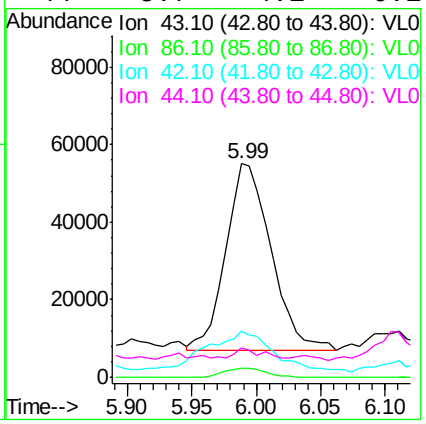


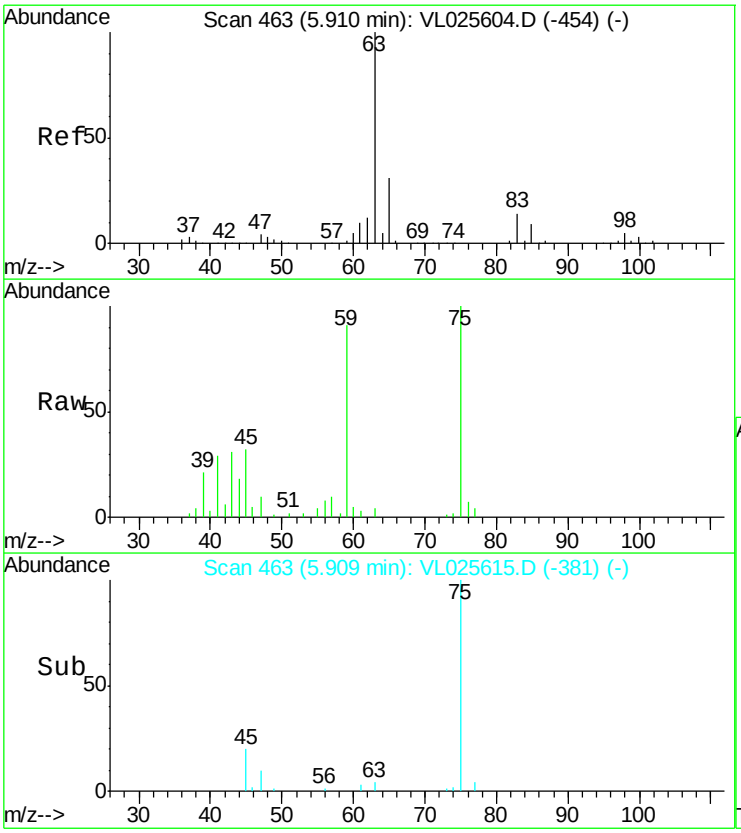
#23
Vinyl Acetate
Concen: 0.68 ppbv
RT: 5.99 min Scan# 476
Delta R.T. 0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Instrument :
MSVOA_L
ClientSampleId :
DIN46-EFFLUENT-070115

Tgt Ion: 43 Resp: 118605

Ion	Ratio	Lower	Upper
43	100		
86	4.9	6.7	10.1#
42	20.5	9.8	14.6#
44	5.7	4.1	6.1

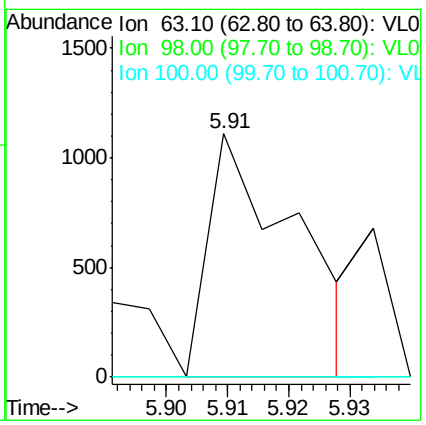


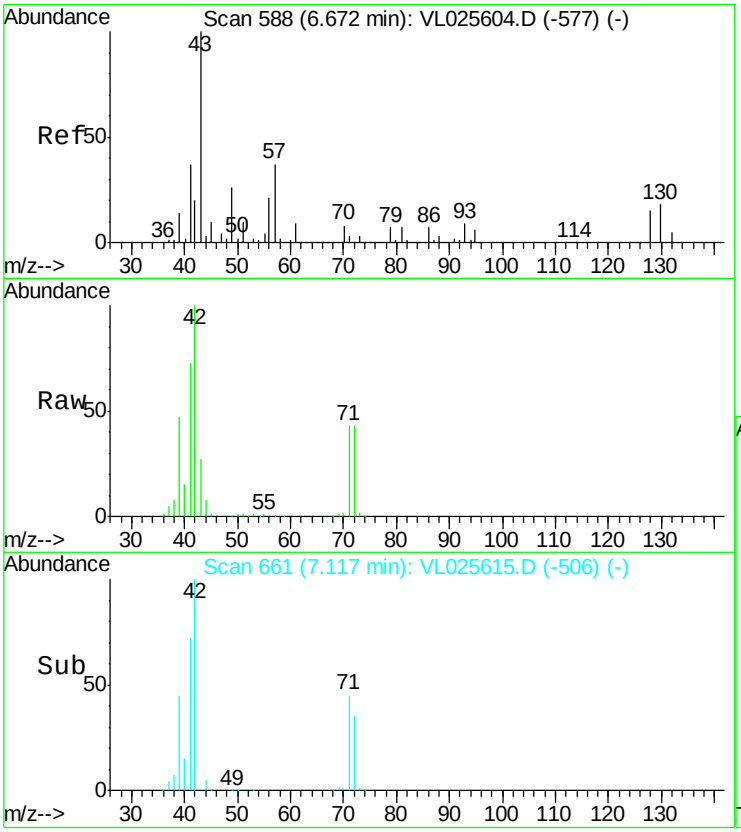


#24
1,1-Dichloroethane
Concen: 0.01 ppbv
RT: 5.91 min Scan# 463
Delta R.T. -0.00 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Tgt Ion: 63 Resp: 1083

Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.6	8.0#
100	0.0	1.6	4.7#



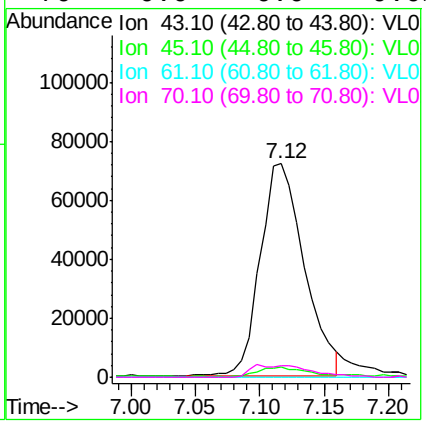


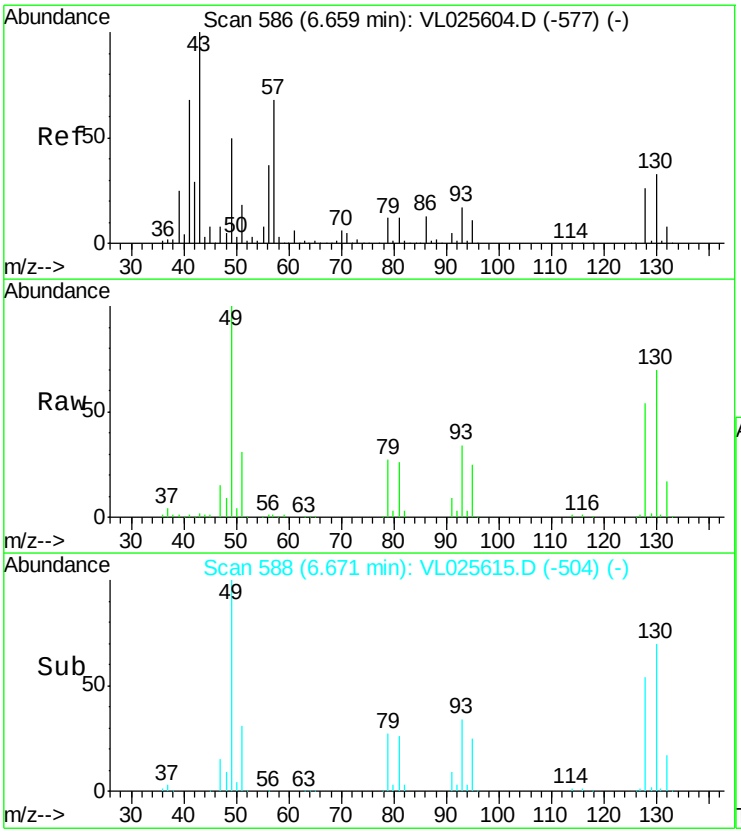
#25
Ethyl Acetate
Concen: 0.99 ppbv
RT: 7.12 min Scan# 661
Delta R.T. 0.44 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Instrument :
MSVOA_L
ClientSampleId :
DIN46-EFFLUENT-070115

Tgt Ion: 43 Resp: 171871

Ion	Ratio	Lower	Upper
43	100		
45	0.0	7.5	11.3#
61	0.0	6.6	10.0#
70	0.0	6.0	9.0#

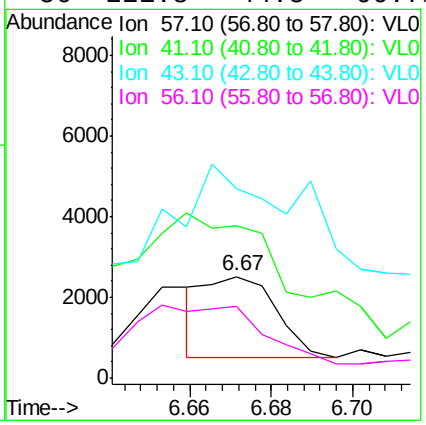


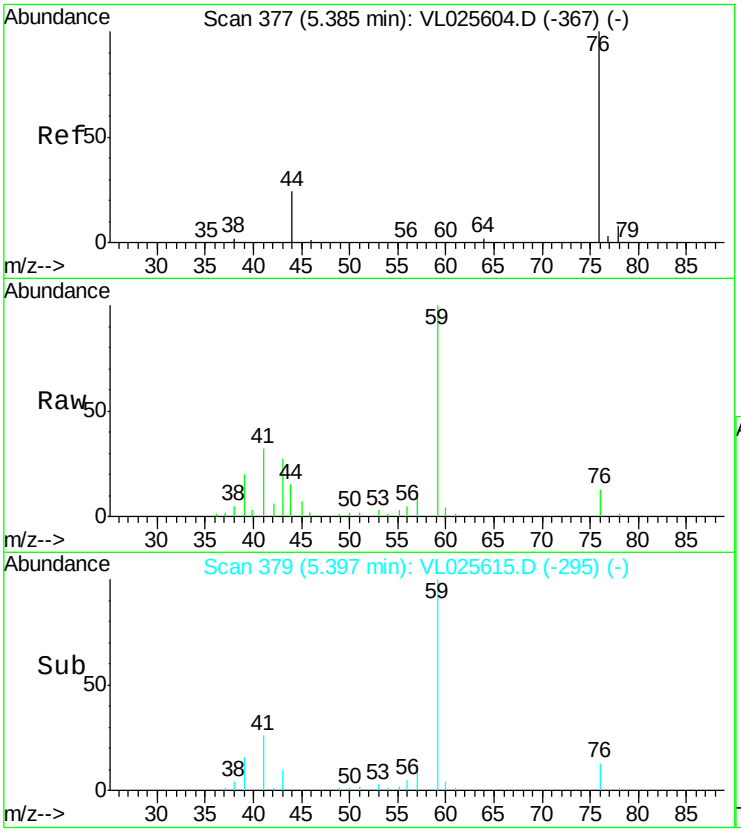


#26
Hexane
Concen: 0.03 ppbv
RT: 6.67 min Scan# 588
Delta R.T. 0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Tgt Ion: 57 Resp: 2383

Ion	Ratio	Lower	Upper
57	100		
41	902.8	81.4	122.2#
43	0.0	171.4	257.2#
56	221.8	44.5	66.7#



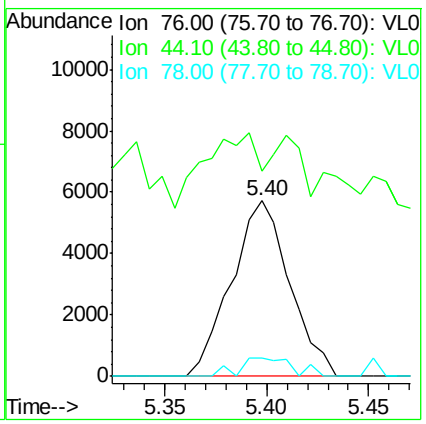


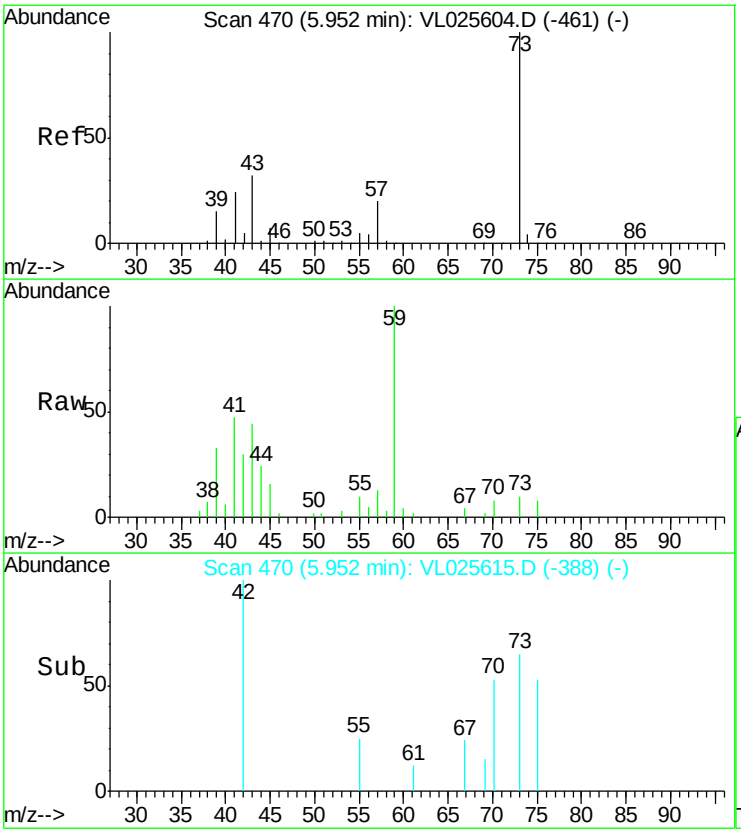
#27
Carbon Disulfide
Concen: 0.09 ppbv
RT: 5.40 min Scan# 379
Delta R.T. 0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Instrument :
MSVOA_L
ClientSampleId :
DIN46-EFFLUENT-070115

Tgt Ion: 76 Resp: 11338

Ion	Ratio	Lower	Upper
76	100		
44	86.5	20.2	30.4#
78	11.7	7.4	11.2#

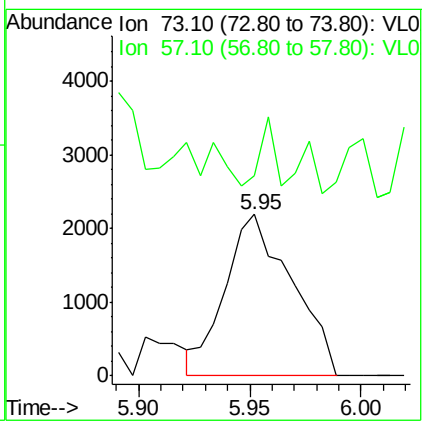


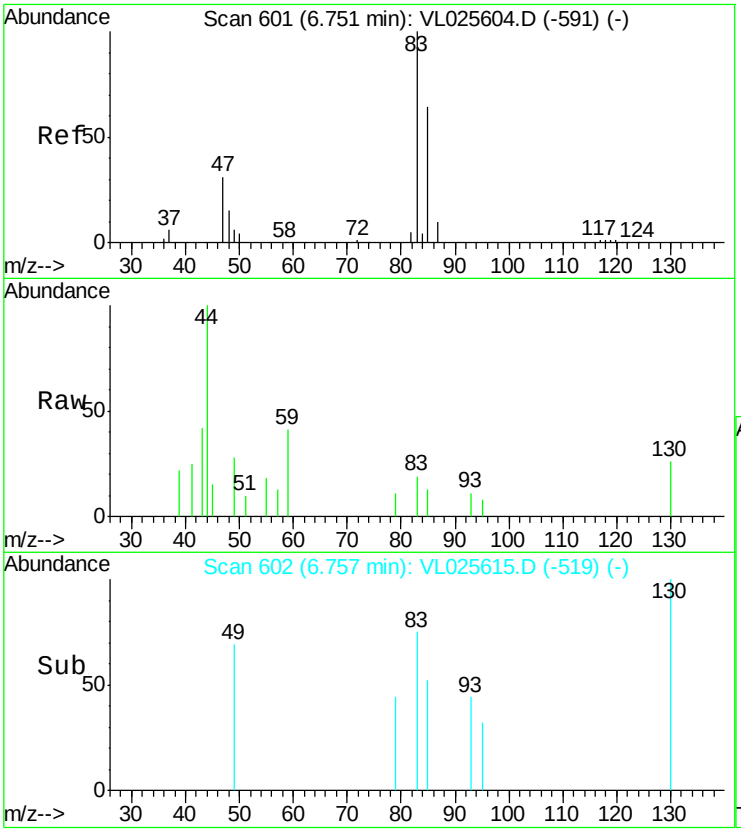


#28
Methyl tert-Butyl Ether
Concen: 0.03 ppbv
RT: 5.95 min Scan# 470
Delta R.T. -0.00 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Tgt Ion: 73 Resp: 4564

Ion	Ratio	Lower	Upper
73	100		
57	0.0	16.0	24.0#



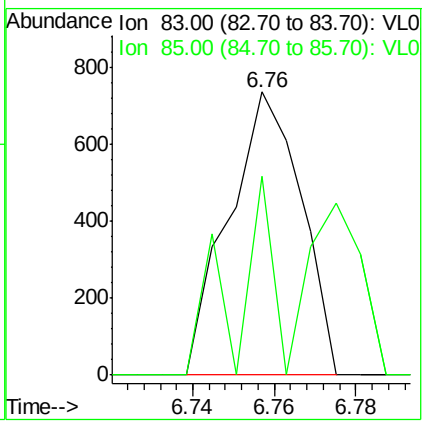


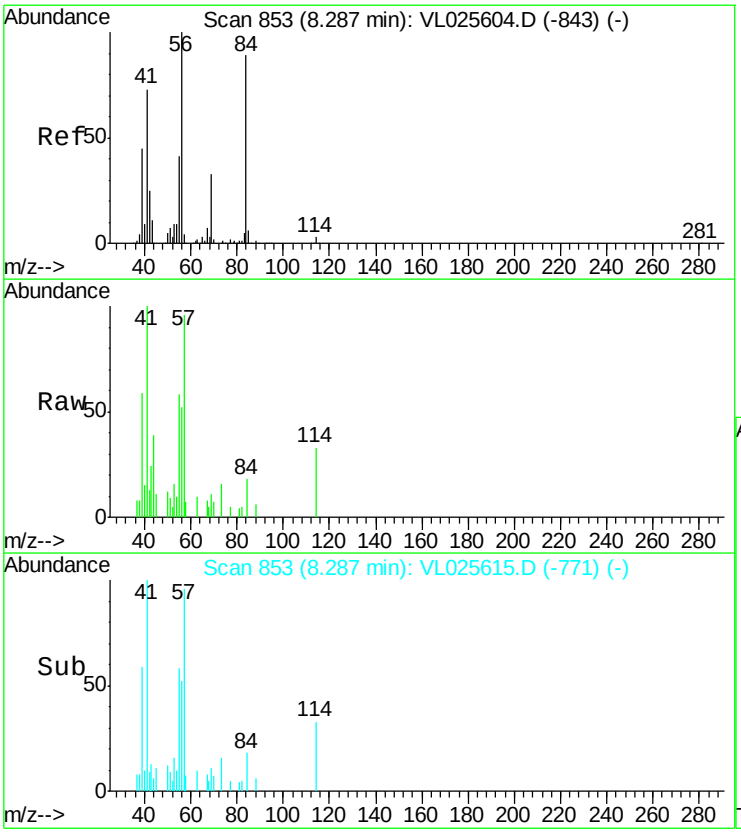
#29
Chloroform
Concen: 0.01 ppbv
RT: 6.76 min Scan# 602
Delta R.T. 0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Instrument :
MSVOA_L
ClientSampleId :
DIN46-EFFLUENT-070115

Tgt Ion: 83 Resp: 912

Ion	Ratio	Lower	Upper
83	100		
85	70.3	51.6	77.4

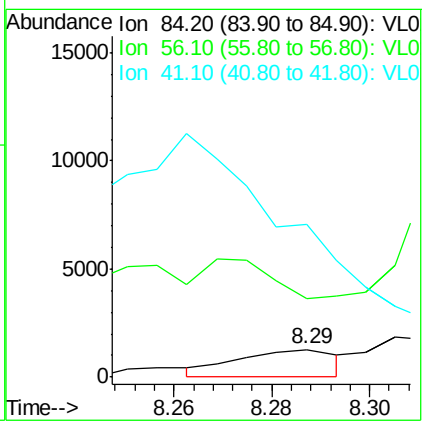


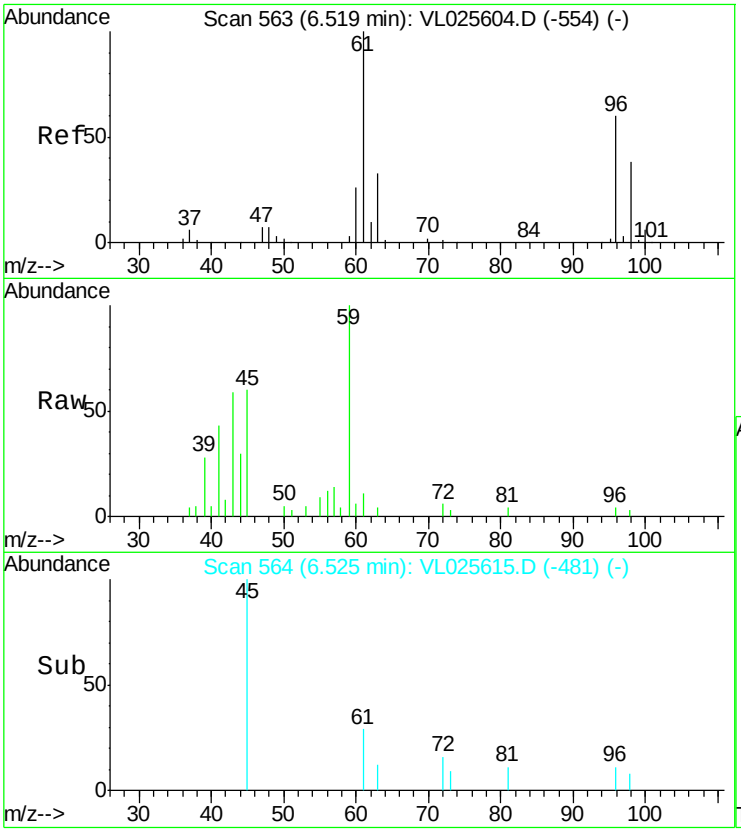


#30
Cyclohexane
Concen: 0.02 ppbv
RT: 8.29 min Scan# 853
Delta R.T. -0.00 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Tgt Ion: 84 Resp: 1840

Ion	Ratio	Lower	Upper
84	100		
56	0.0	97.5	146.3#
41	0.0	65.4	98.2#



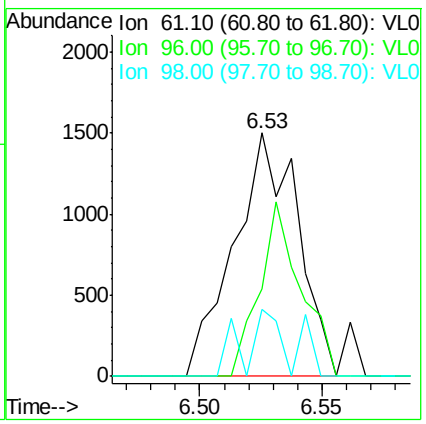


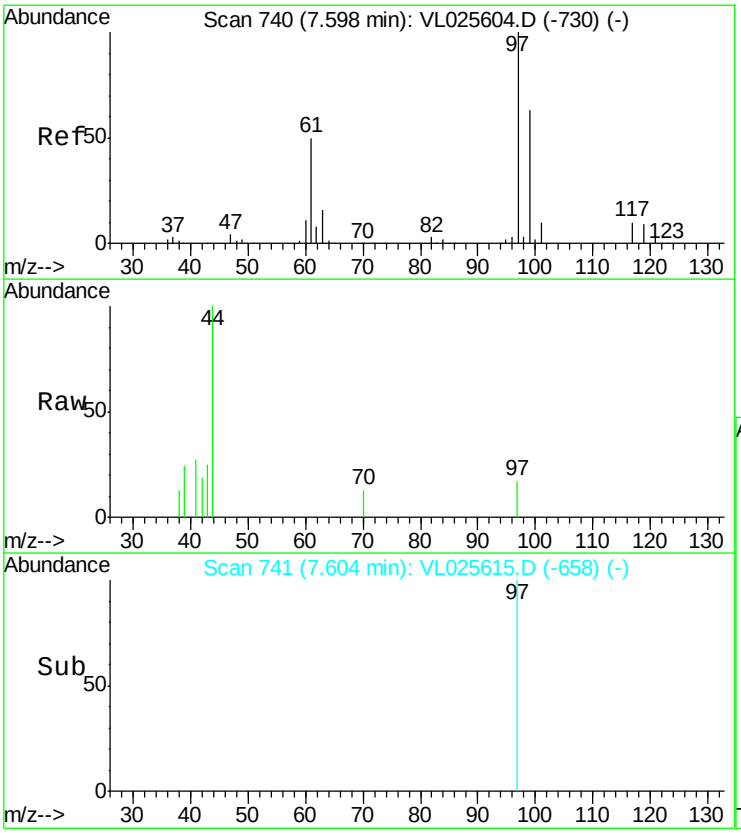
#31
cis-1,2-Dichloroethene
Concen: 0.03 ppbv
RT: 6.53 min Scan# 564
Delta R.T. 0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Instrument :
MSVOA_L
ClientSampleId :
DIN46-EFFLUENT-070115

Tgt Ion: 61 Resp: 2736

Ion	Ratio	Lower	Upper
61	100		
96	35.9	48.1	72.1#
98	27.6	30.7	46.1#

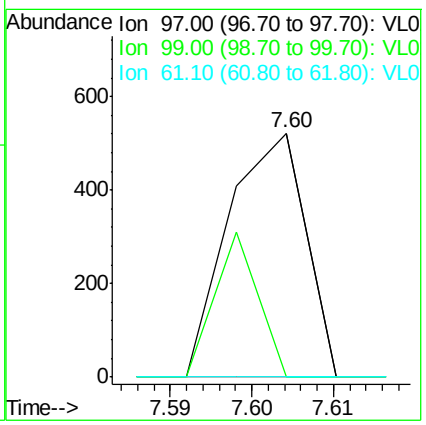


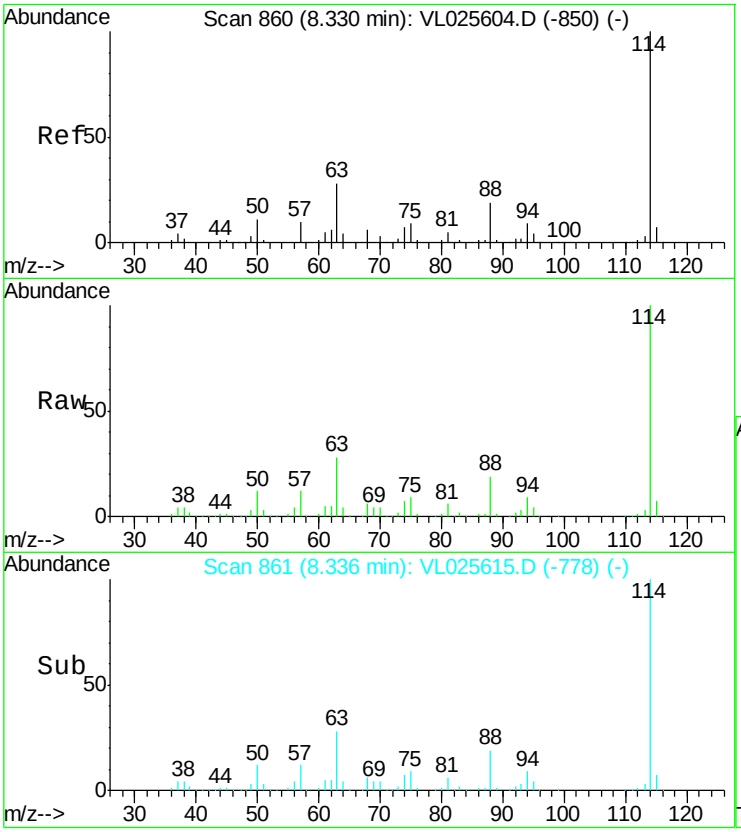


#32
1,1,1-Trichloroethane
Concen: 0.00 ppbv
RT: 7.60 min Scan# 741
Delta R.T. 0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Tgt Ion: 97 Resp: 340

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.2	76.8#
61	0.0	40.4	60.6#



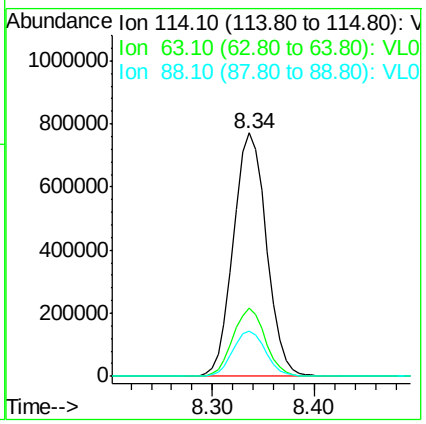


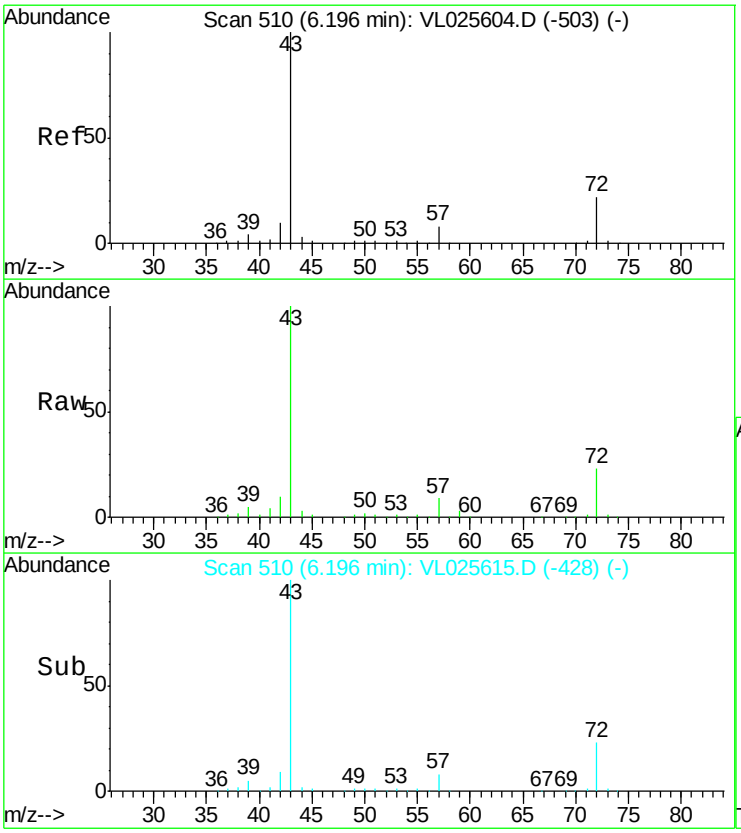
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.34 min Scan# 861
Delta R.T. 0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Instrument :
MSVOA_L
ClientSampleId :
DIN46-EFFLUENT-070115

Tgt Ion:114 Resp: 1739513

Ion	Ratio	Lower	Upper
114	100		
63	27.5	22.4	33.6
88	18.5	15.0	22.4

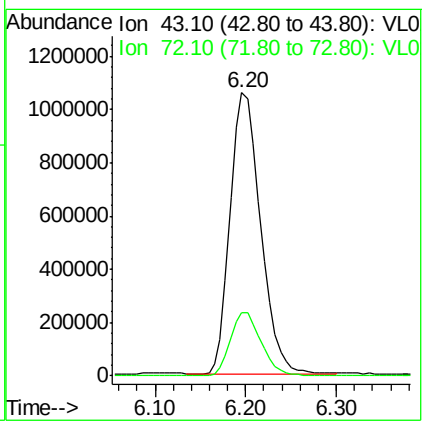


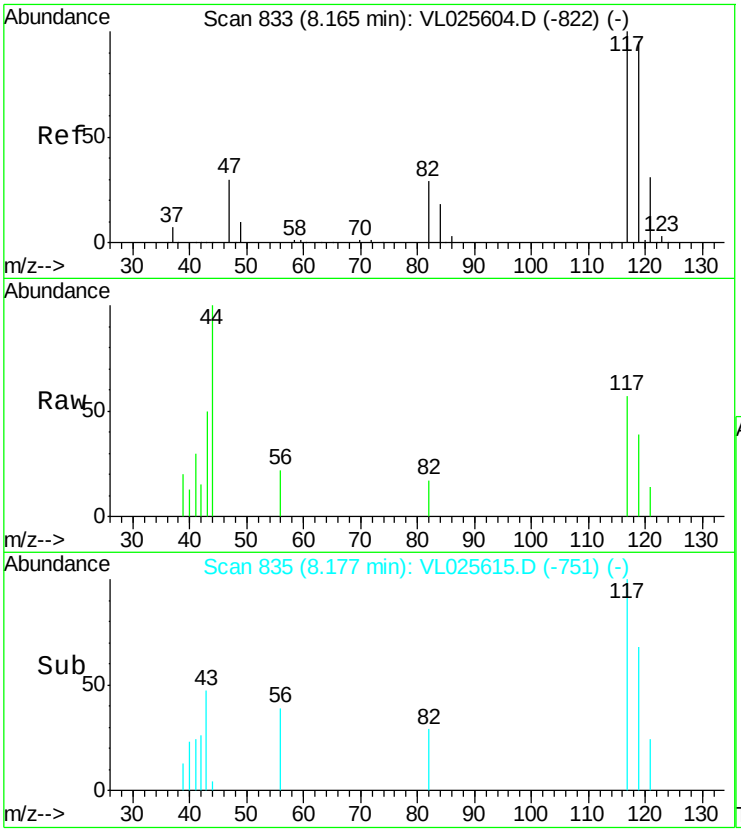


#34
2-Butanone
Concen: 25.17 ppbv
RT: 6.20 min Scan# 510
Delta R.T. -0.00 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Tgt Ion: 43 Resp: 2484585

Ion	Ratio	Lower	Upper
43	100		
72	22.7	18.6	28.0



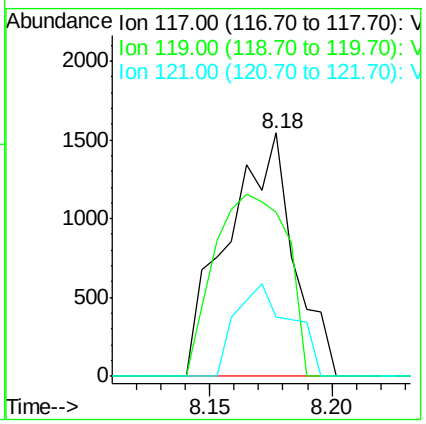


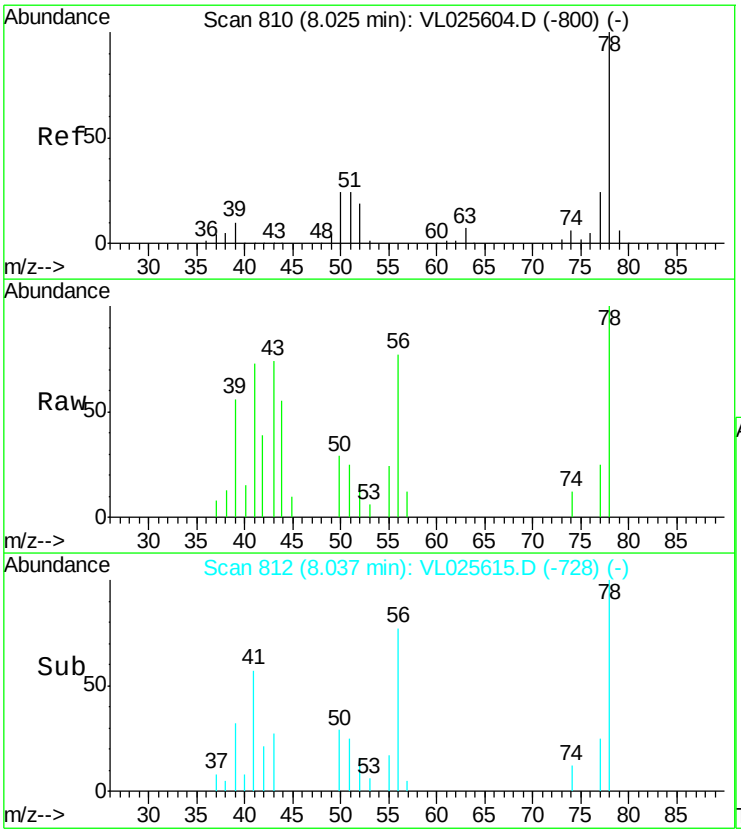
#35
Carbon Tetrachloride
Concen: 0.02 ppbv
RT: 8.18 min Scan# 835
Delta R.T. 0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Instrument :
MSVOA_L
ClientSampleId :
DIN46-EFFLUENT-070115

Tgt Ion:117 Resp: 2906

Ion	Ratio	Lower	Upper
117	100		
119	67.7	75.9	113.9#
121	24.4	24.4	36.6

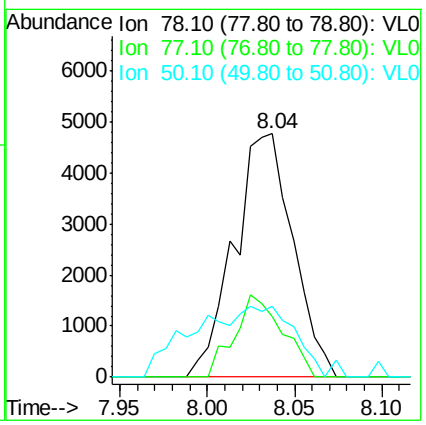


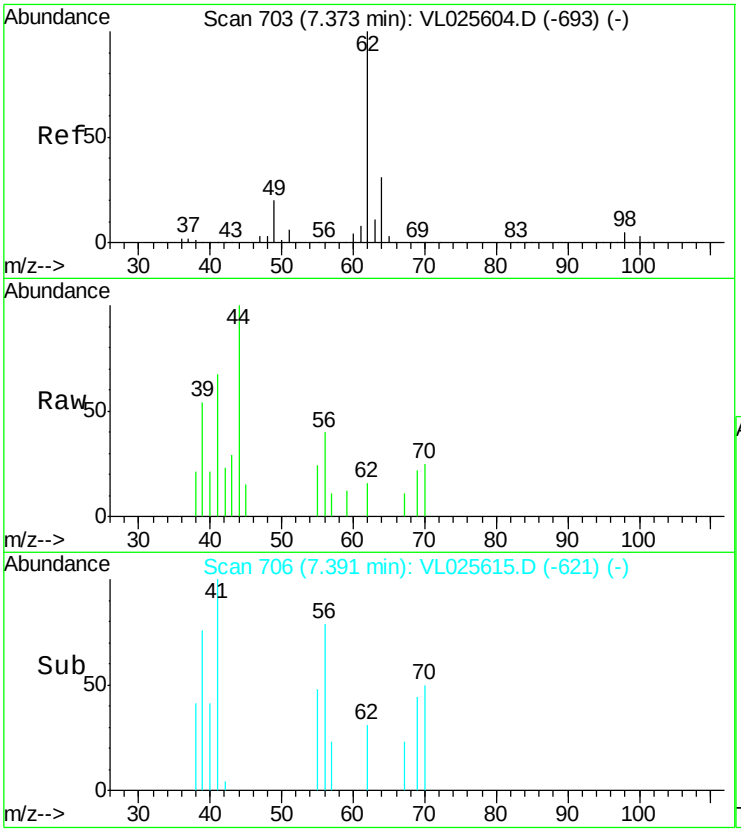


#36
Benzene
Concen: 0.07 ppbv
RT: 8.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Tgt Ion: 78 Resp: 11144

Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.0	28.4
50	22.2	19.2	28.8



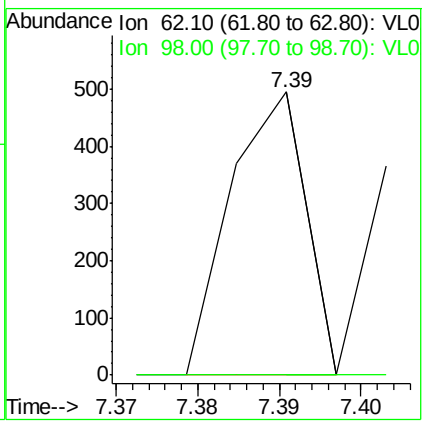


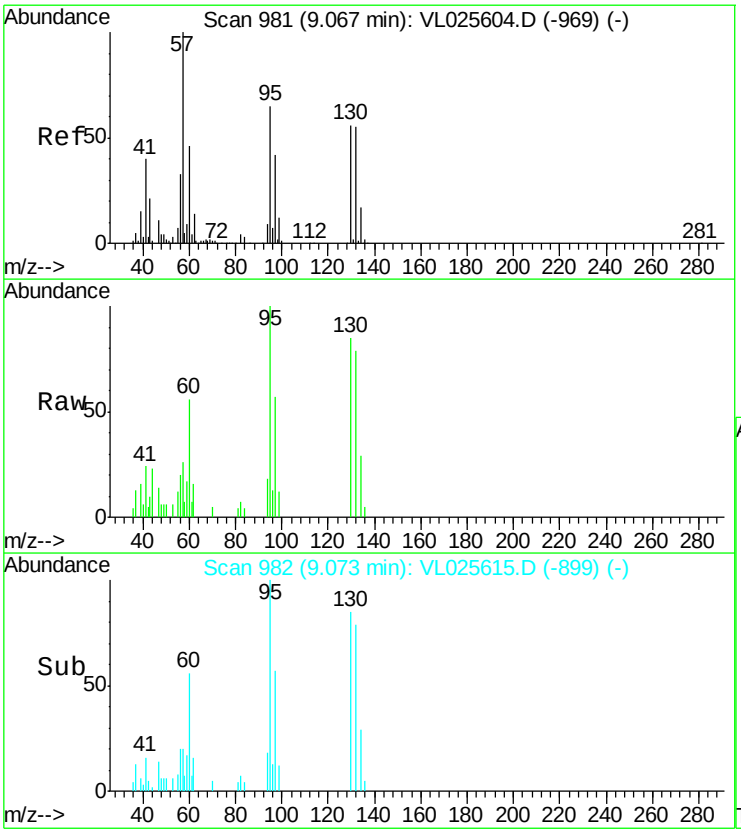
#37
1,2-Dichloroethane
Concen: 0.00 ppbv
RT: 7.39 min Scan# 706
Delta R.T. 0.02 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Instrument :
MSVOA_L
ClientSampleId :
DIN46-EFFLUENT-070115

Tgt Ion: 62 Resp: 317

Ion	Ratio	Lower	Upper
62	100		
98	0.0	4.1	6.1#

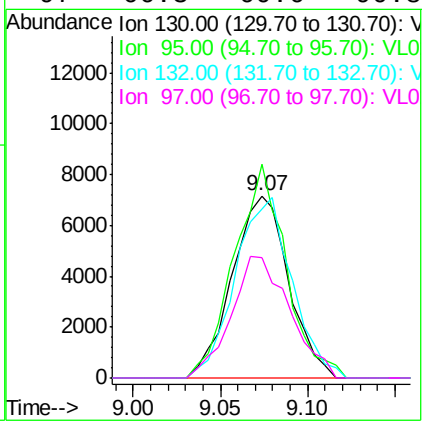


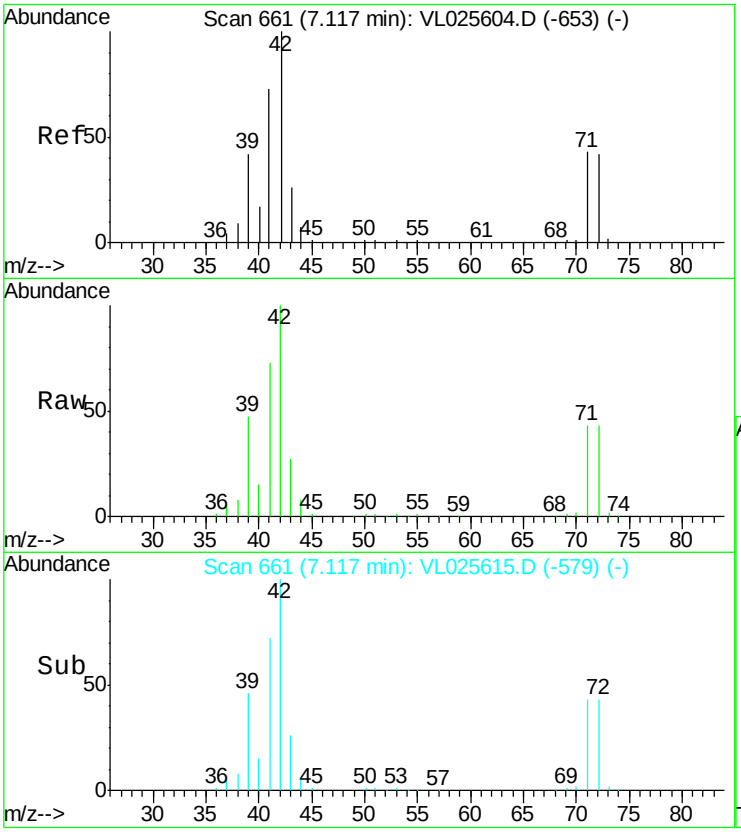


#38
Trichloroethene
Concen: 0.21 ppbv
RT: 9.07 min Scan# 982
Delta R.T. 0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Tgt Ion:130 Resp: 16082

Ion	Ratio	Lower	Upper
130	100		
95	117.1	94.2	141.4
132	92.4	78.6	118.0
97	66.3	60.6	90.8



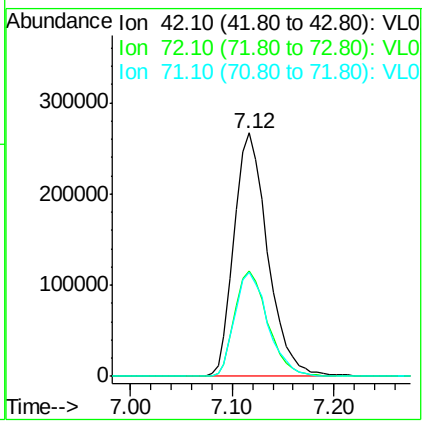


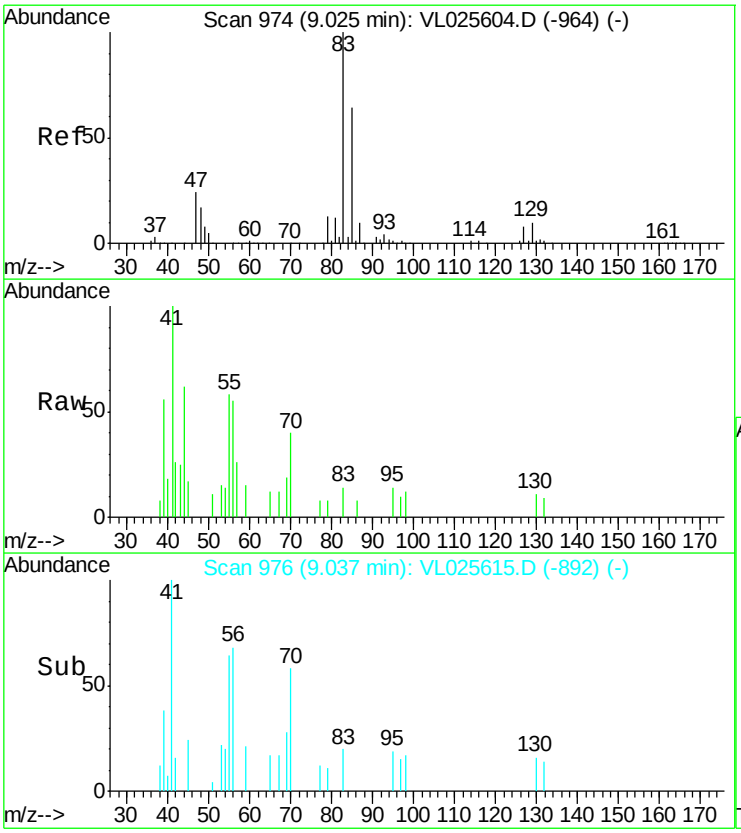
#41
Tetrahydrofuran
Concen: 12.44 ppbv
RT: 7.12 min Scan# 661
Delta R.T. -0.00 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Instrument :
MSVOA_L
ClientSampleId :
DIN46-EFFLUENT-070115

Tgt Ion: 42 Resp: 613028

Ion	Ratio	Lower	Upper
42	100		
72	43.0	34.0	51.0
71	42.2	33.0	49.6

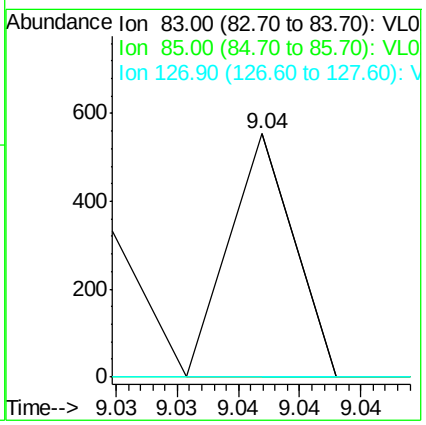


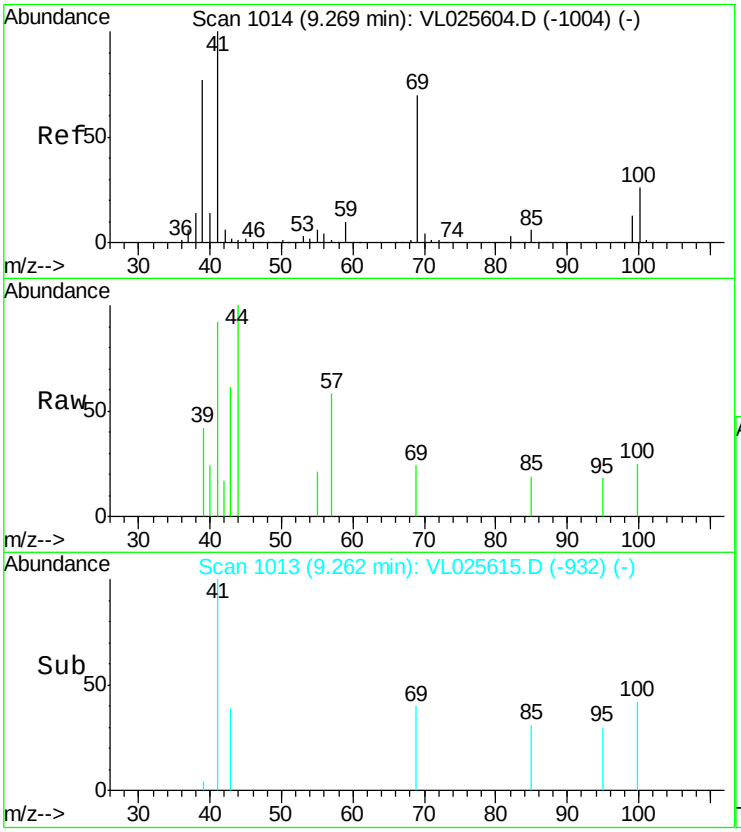


#42
Bromodichloromethane
Concen: 0.00 ppbv
RT: 9.04 min Scan# 976
Delta R.T. 0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Tgt Ion: 83 Resp: 202

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.3	76.9#
127	0.0	6.0	9.0#



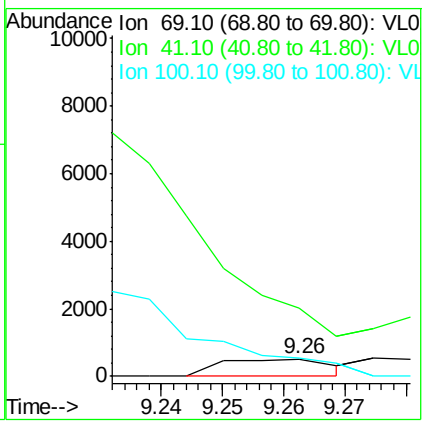


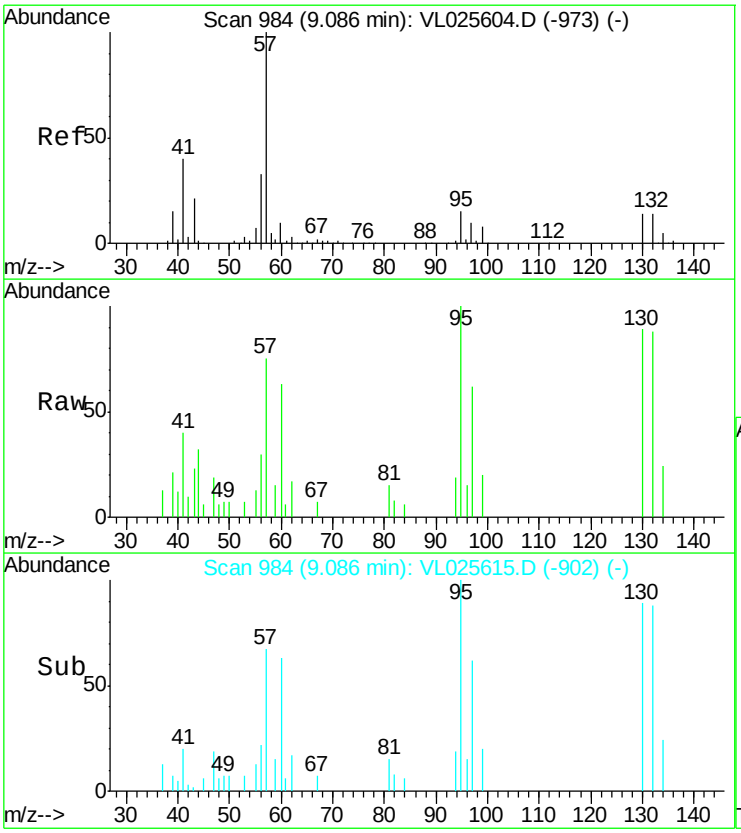
#43
Methyl Methacrylate
Concen: 0.01 ppbv
RT: 9.26 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Instrument :
MSVOA_L
ClientSampleId :
DIN46-EFFLUENT-070115

Tgt Ion: 69 Resp: 655

Ion	Ratio	Lower	Upper
69	100		
41	3488.5	117.3	175.9#
100	899.4	29.0	43.6#

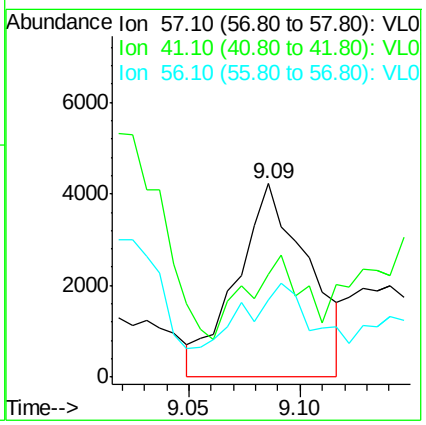


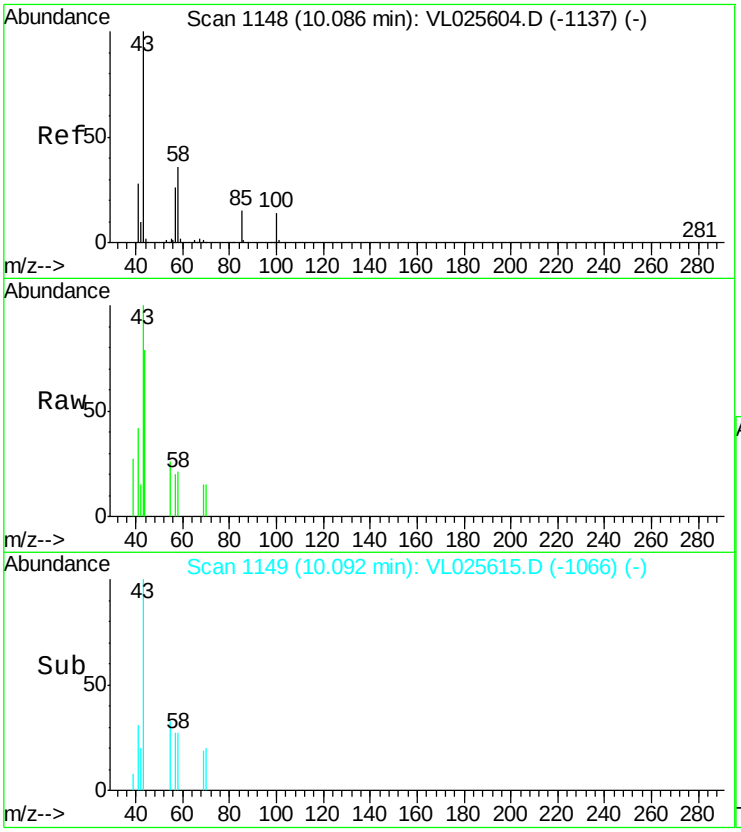


#44
2,2,4-Trimethylpentane
Concen: 0.03 ppbv
RT: 9.09 min Scan# 984
Delta R.T. -0.00 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Tgt Ion: 57 Resp: 9419

Ion	Ratio	Lower	Upper
57	100		
41	0.0	31.2	46.8#
56	80.4	25.4	38.2#



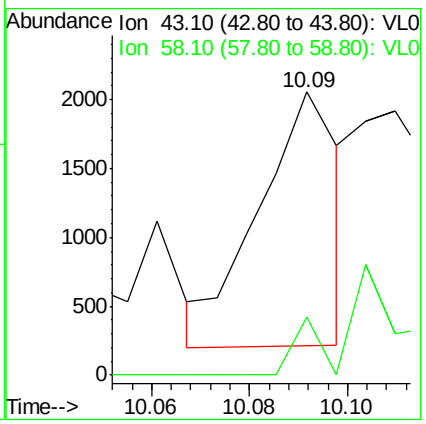


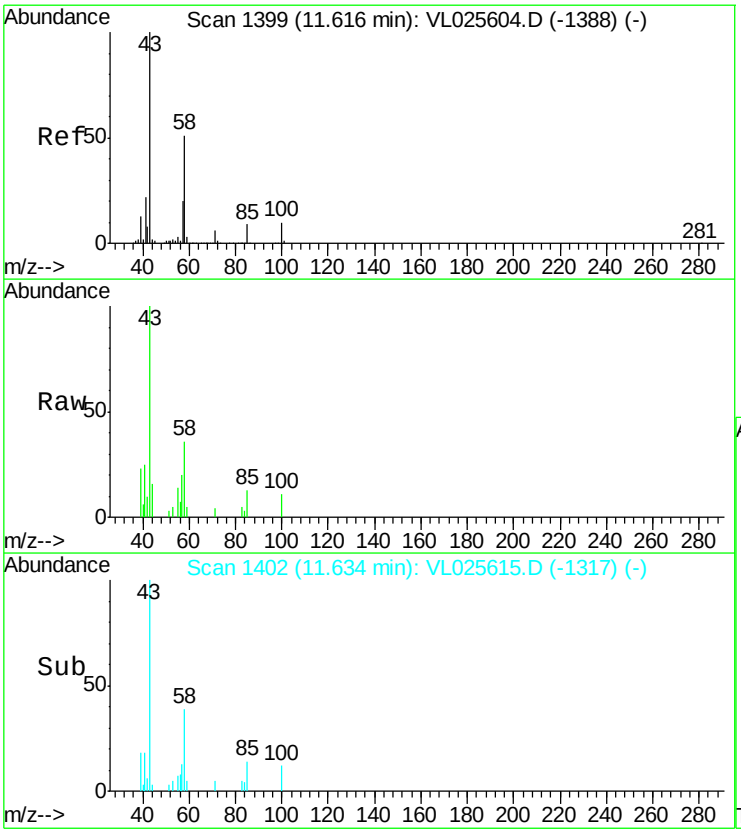
#50
4-Methyl-2-Pentanone
Concen: 0.01 ppbv
RT: 10.09 min Scan# 1149
Delta R.T. 0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Instrument :
MSVOA_L
ClientSampleId :
DIN46-EFFLUENT-070115

Tgt Ion: 43 Resp: 2101

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.5	42.7#

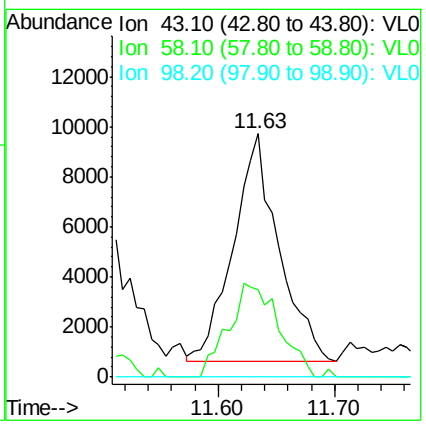


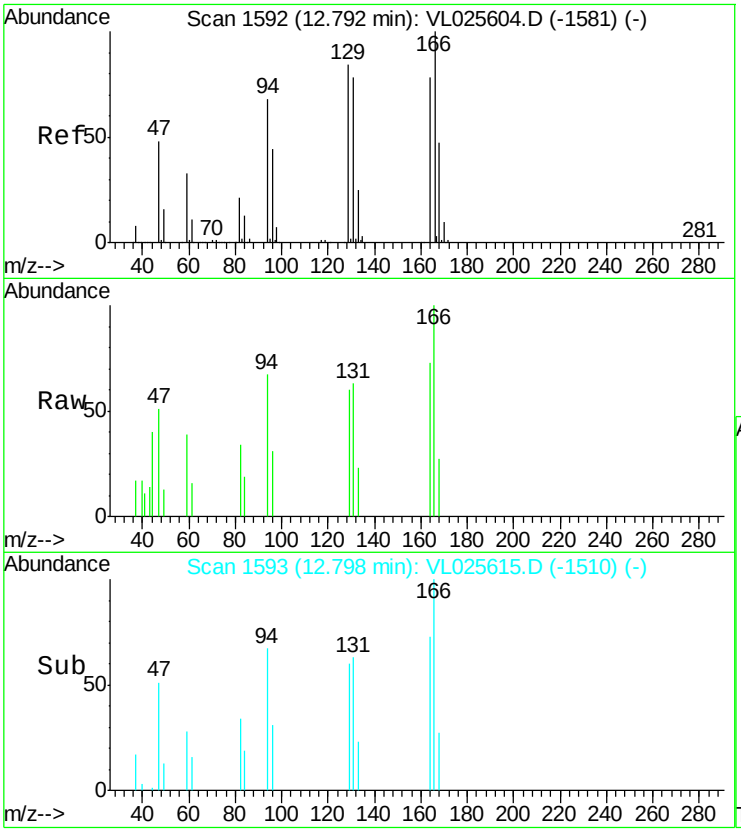


#51
2-Hexanone
Concen: 0.19 ppbv
RT: 11.63 min Scan# 1402
Delta R.T. 0.02 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Tgt Ion: 43 Resp: 24785

Ion	Ratio	Lower	Upper
43	100		
58	45.7	39.0	58.6
98	0.0	0.2	0.4#



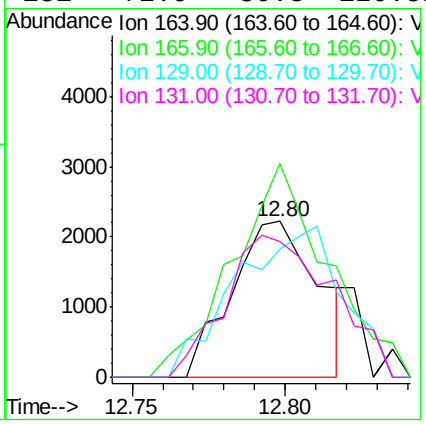


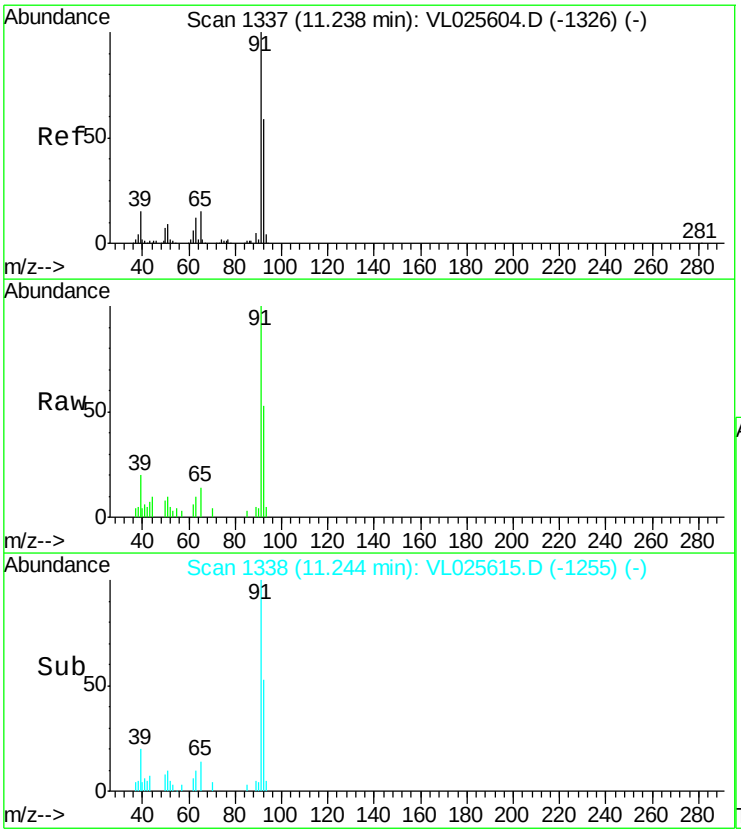
#52
Tetrachloroethene
Concen: 0.05 ppbv
RT: 12.80 min Scan# 1593
Delta R.T. 0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Instrument :
MSVOA_L
ClientSampleId :
DIN46-EFFLUENT-070115

Tgt Ion:164 Resp: 4358

Ion	Ratio	Lower	Upper
164	100		
166	113.4	102.3	153.5
129	57.5	86.2	129.4#
131	72.9	80.3	120.5#

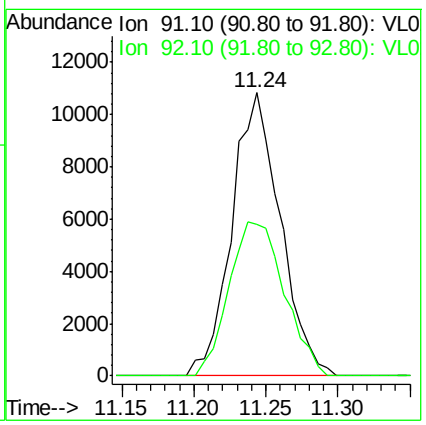


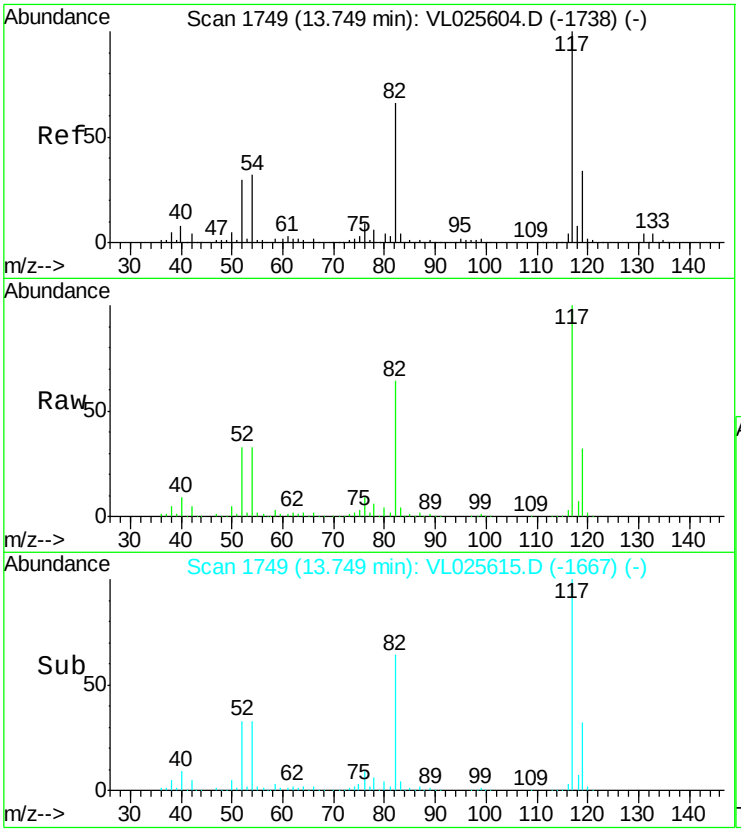


#53
Toluene
Concen: 0.11 ppbv
RT: 11.24 min Scan# 1338
Delta R.T. 0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Tgt Ion: 91 Resp: 25298

Ion	Ratio	Lower	Upper
91	100		
92	62.3	48.2	72.2



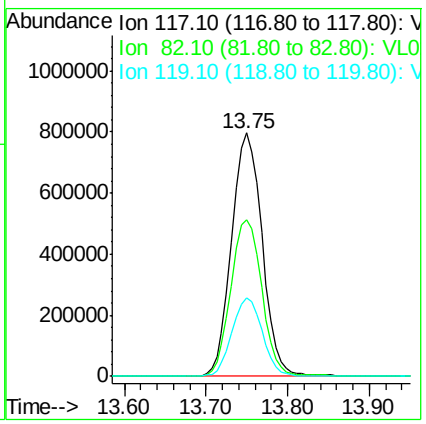


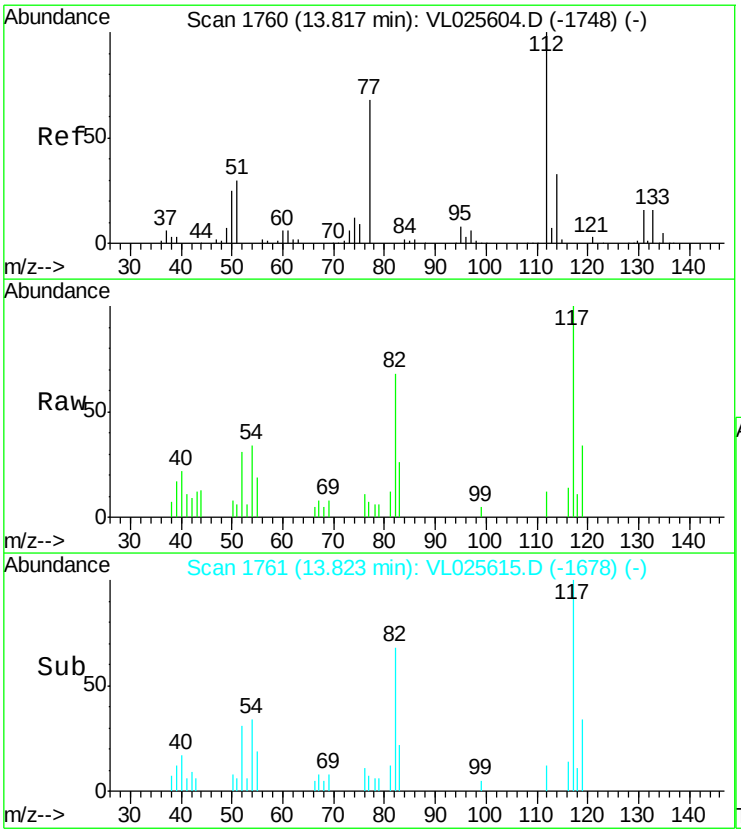
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.75 min Scan# 1749
Delta R.T. -0.00 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Instrument :
MSVOA_L
ClientSampleId :
DIN46-EFFLUENT-070115

Tgt Ion:117 Resp: 2075837

Ion	Ratio	Lower	Upper
117	100		
82	65.7	50.5	75.7
119	32.2	45.1	67.7#

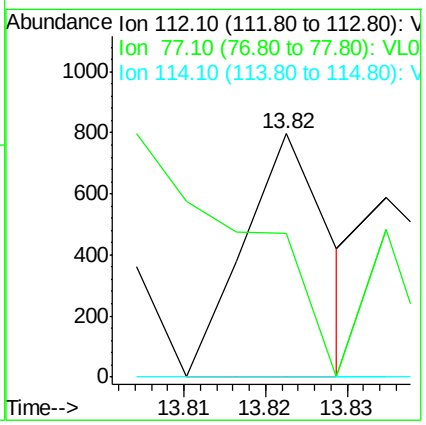


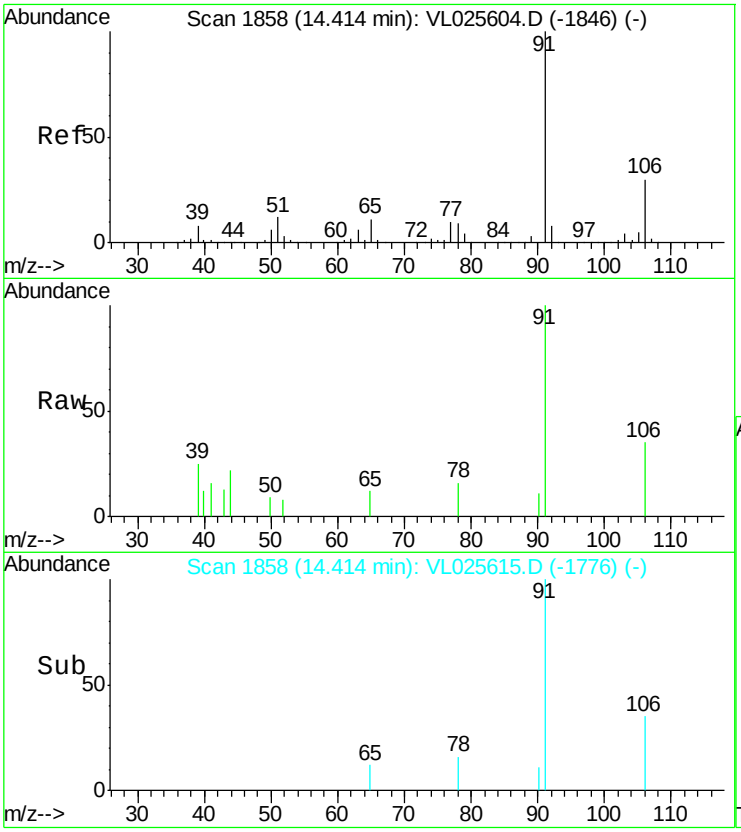


#57
Chlorobenzene
Concen: 0.00 ppbv
RT: 13.82 min Scan# 1761
Delta R.T. 0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Tgt Ion:112 Resp: 584

Ion	Ratio	Lower	Upper
112	100		
77	58.8	55.2	82.8
114	0.0	29.4	36.0#



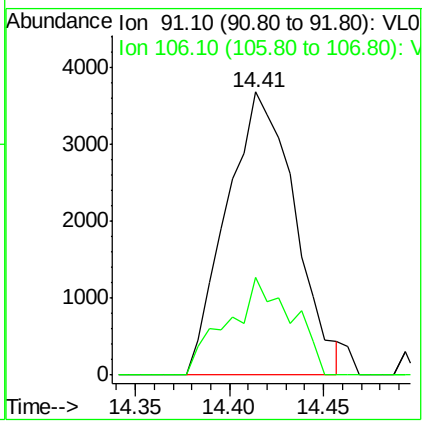


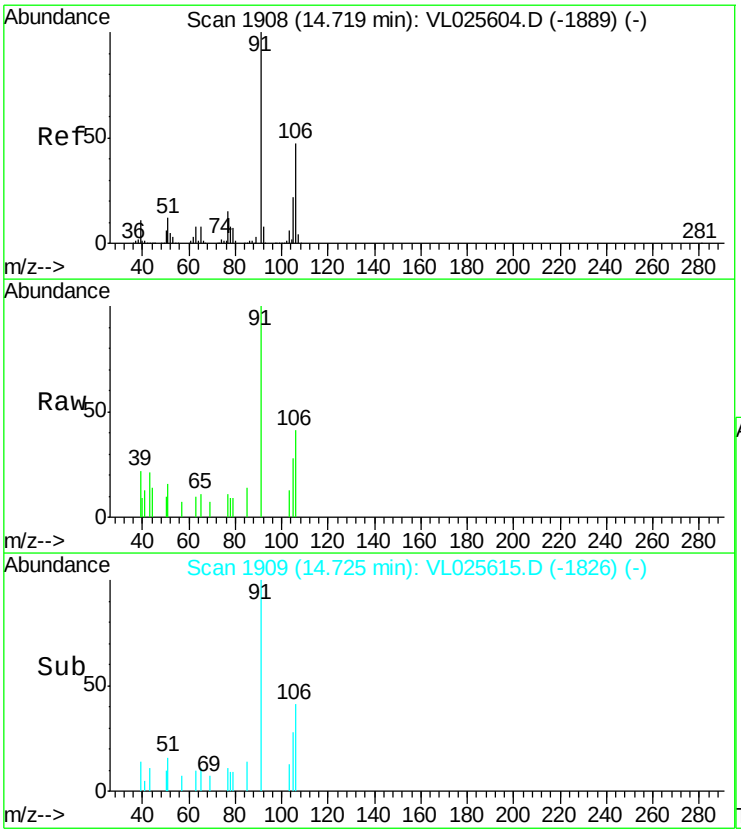
#58
Ethyl Benzene
Concen: 0.03 ppbv
RT: 14.41 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Instrument :
MSVOA_L
ClientSampleId :
DIN46-EFFLUENT-070115

Tgt Ion: 91 Resp: 9212

Ion	Ratio	Lower	Upper
91	100		
106	34.8	24.2	36.2

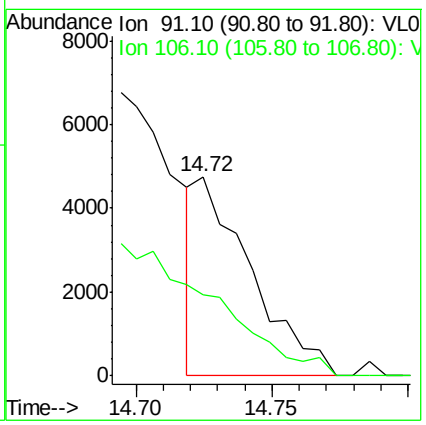


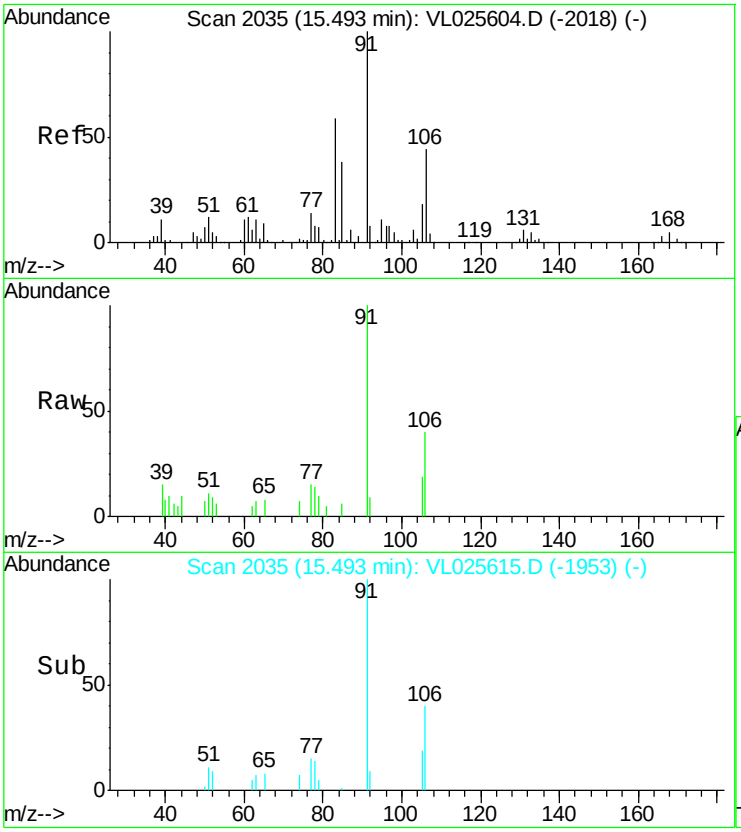


#59
m/p-Xylene
Concen: 0.02 ppbv
RT: 14.72 min Scan# 1909
Delta R.T. 0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Tgt Ion: 91 Resp: 6658

Ion	Ratio	Lower	Upper
91	100		
106	0.0	37.9	56.9#



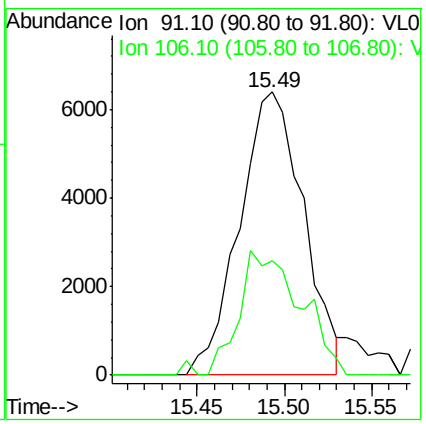


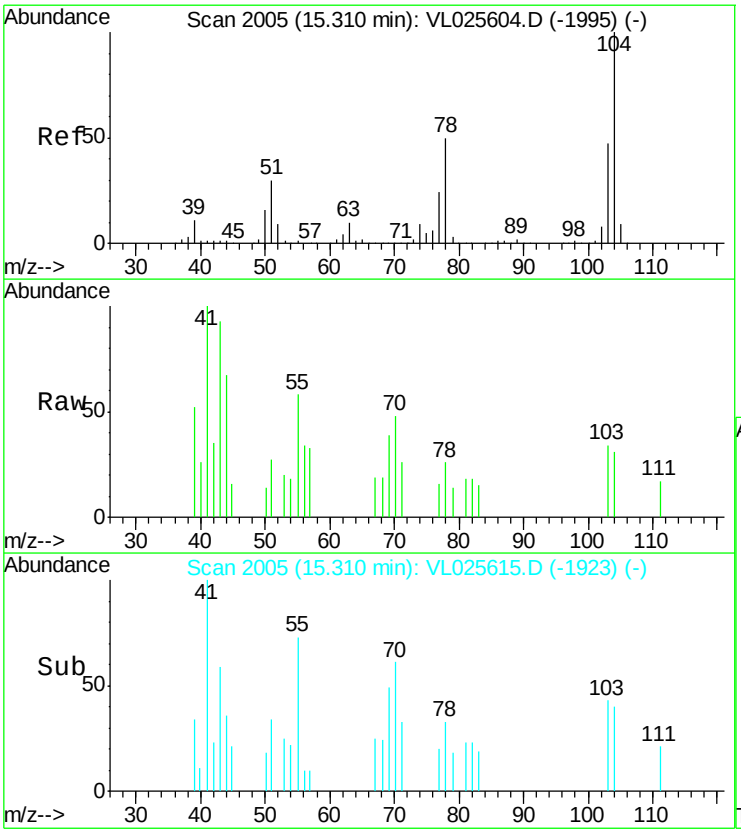
#60
o-Xylene
Concen: 0.05 ppbv
RT: 15.49 min Scan# 2035
Delta R.T. -0.00 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Instrument :
MSVOA_L
ClientSampleId :
DIN46-EFFLUENT-070115

Tgt Ion: 91 Resp: 16305

Ion	Ratio	Lower	Upper
91	100		
106	42.7	22.1	66.1

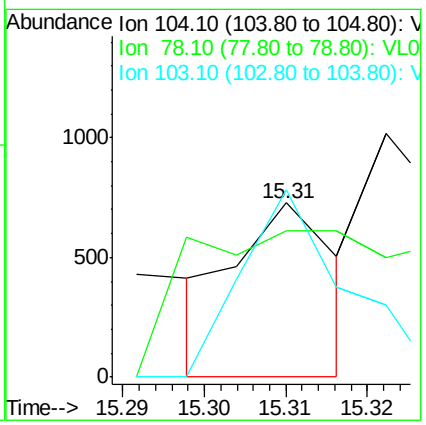


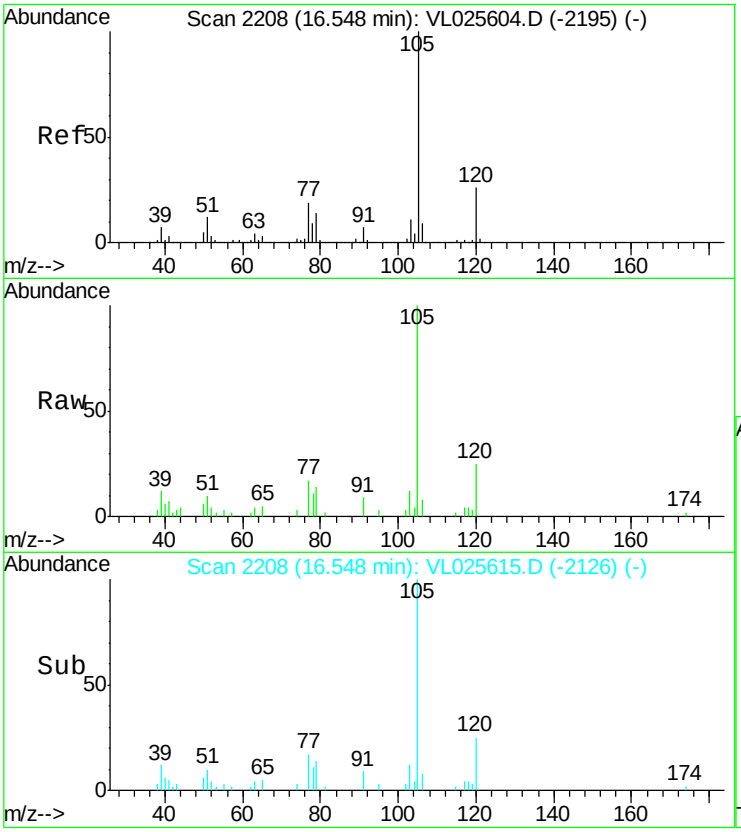


#61
Styrene
Concen: 0.01 ppbv
RT: 15.31 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Tgt Ion:104 Resp: 618

Ion	Ratio	Lower	Upper
104	100		
78	263.4	40.2	60.4#
103	169.3	37.4	56.2#



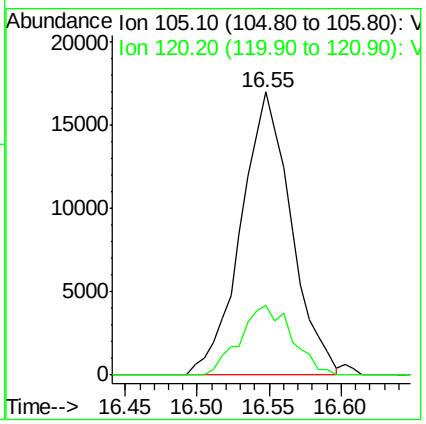


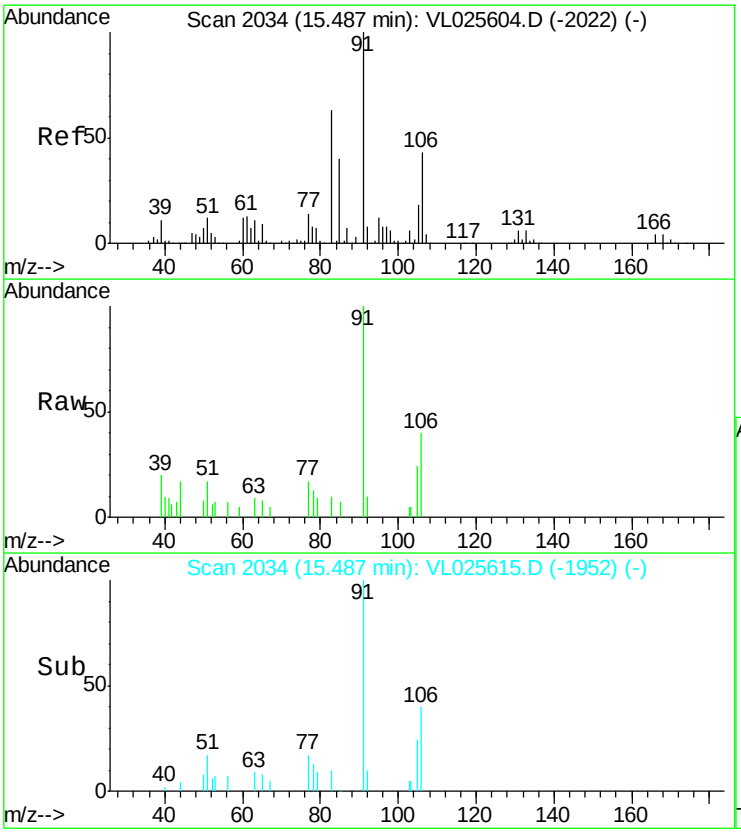
#62
Isopropylbenzene
Concen: 0.10 ppbv
RT: 16.55 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Instrument :
MSVOA_L
ClientSampleId :
DIN46-EFFLUENT-070115

Tgt Ion:105 Resp: 41023

Ion	Ratio	Lower	Upper
105	100		
120	25.5	20.6	31.0

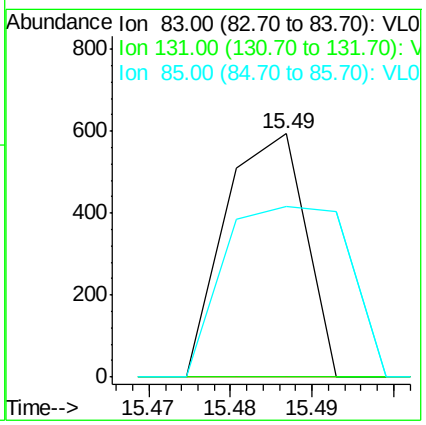


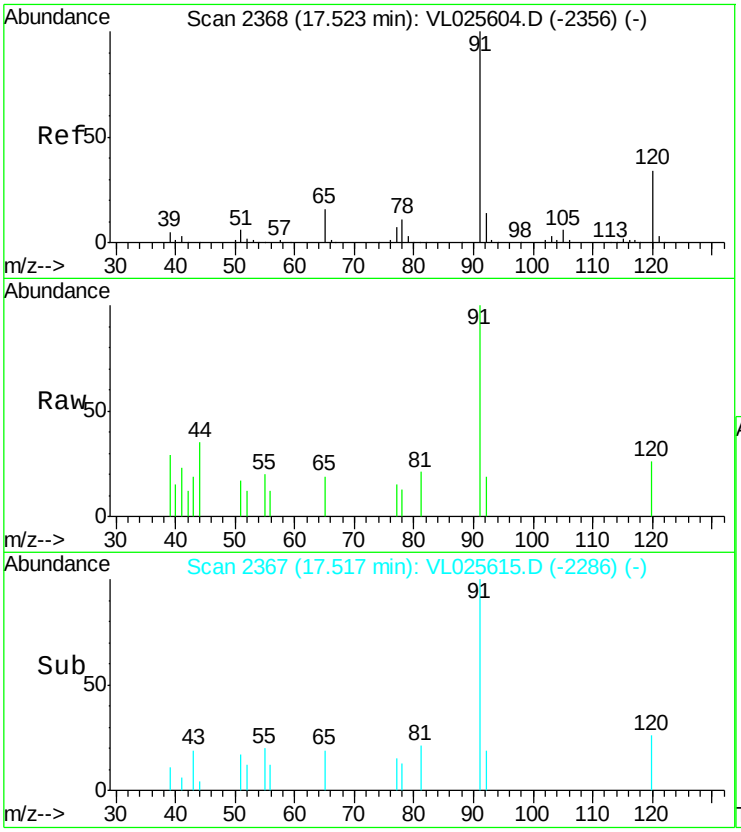


#63
1,1,2,2-Tetrachloroethane
Concen: 0.00 ppbv
RT: 15.49 min Scan# 2034
Delta R.T. -0.00 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Tgt Ion: 83 Resp: 404

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.8	14.4#
85	109.2	32.4	97.2#



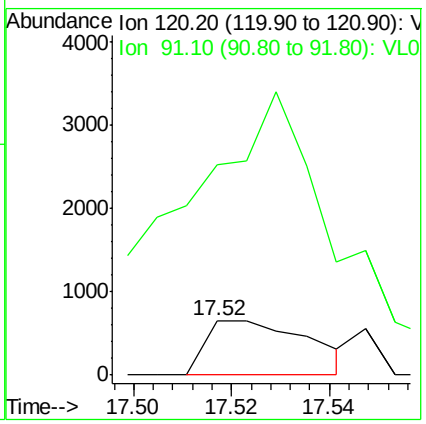


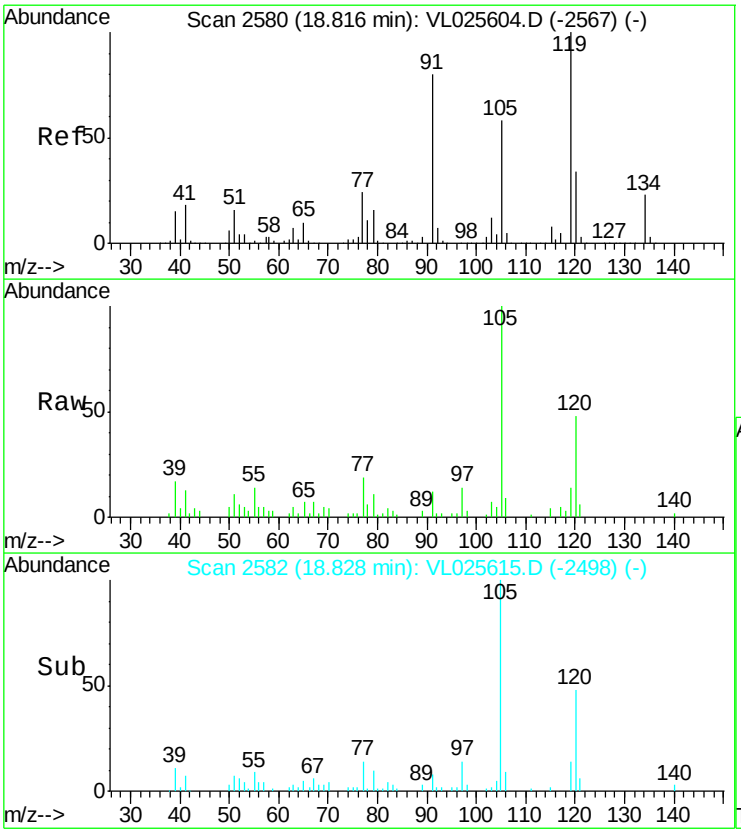
#64
n-propylbenzene
Concen: 0.01 ppbv
RT: 17.52 min Scan# 2367
Delta R.T. -0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Instrument :
MSVOA_L
ClientSampleId :
DIN46-EFFLUENT-070115

Tgt Ion:120 Resp: 957

Ion	Ratio	Lower	Upper
120	100		
91	861.9	370.5	555.7#

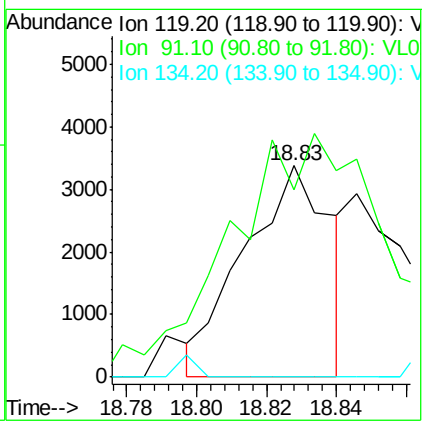


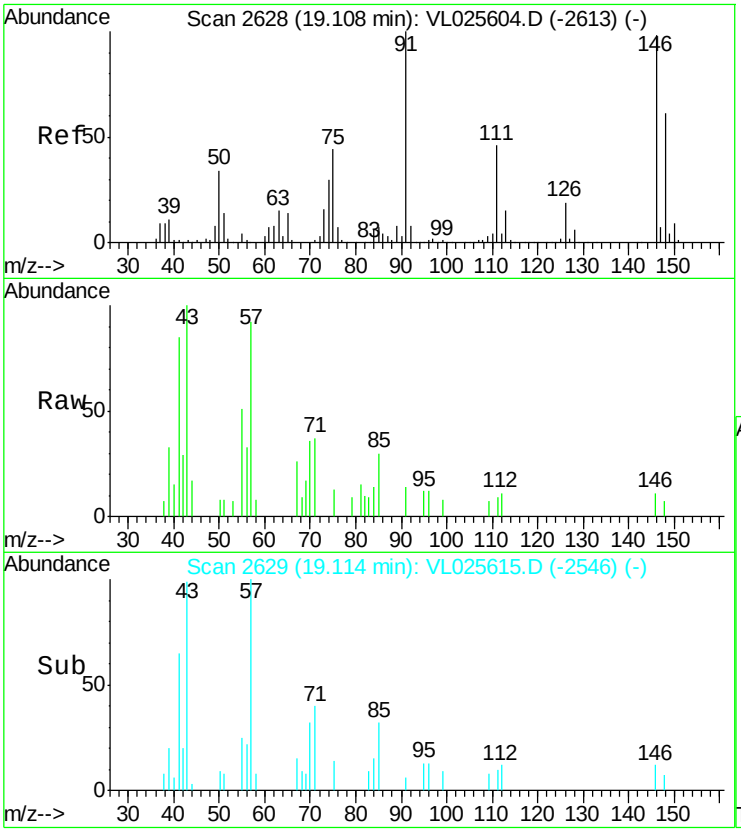


#65
tert-Butylbenzene
Concen: 0.01 ppbv
RT: 18.83 min Scan# 2582
Delta R.T. 0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Tgt Ion:119 Resp: 5801

Ion	Ratio	Lower	Upper
119	100		
91	272.4	64.5	96.7#
134	0.0	17.4	26.0#



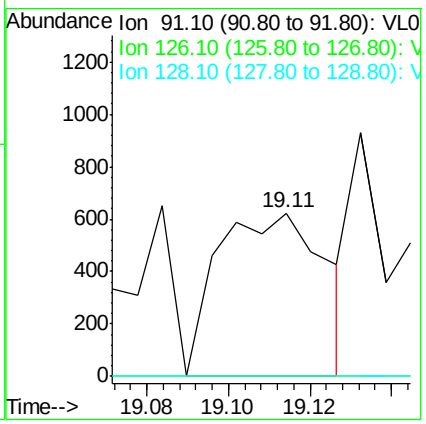


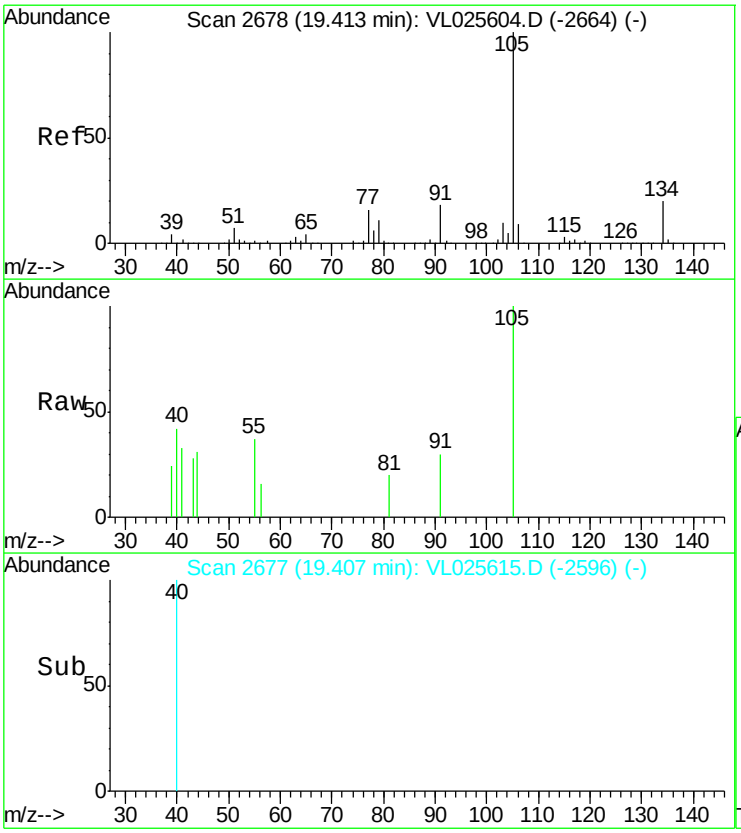
#66
Benzyl Chloride
Concen: 0.01 ppbv
RT: 19.11 min Scan# 2629
Delta R.T. 0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Instrument :
MSVOA_L
ClientSampleId :
DIN46-EFFLUENT-070115

Tgt Ion: 91 Resp: 1140

Ion	Ratio	Lower	Upper
91	100		
126	0.0	14.5	21.7#
128	0.0	4.6	7.0#

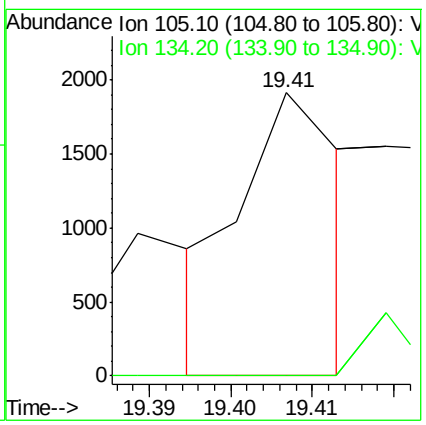


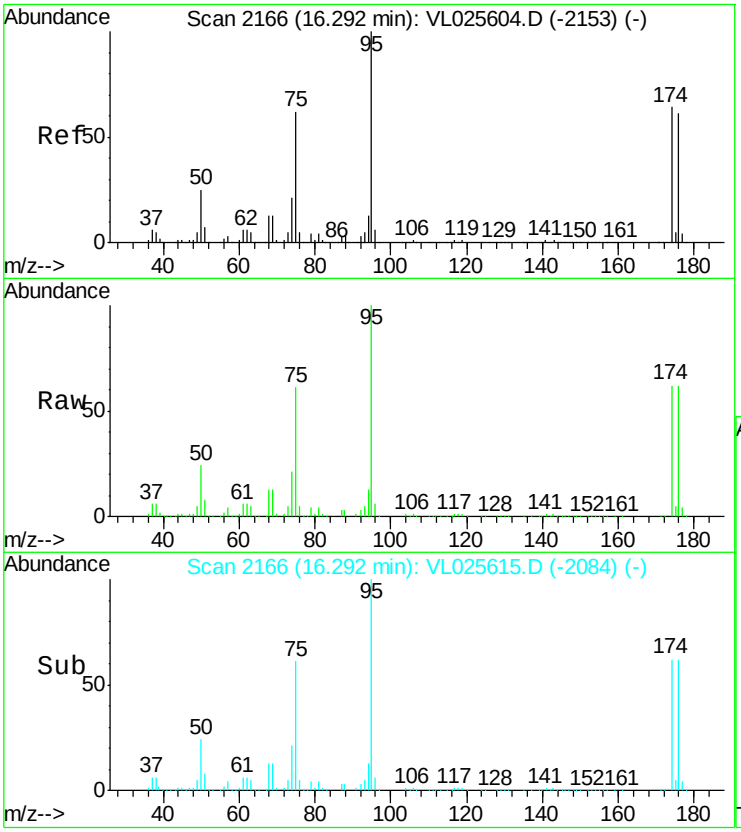


#67
sec-Butylbenzene
Concen: 0.00 ppbv
RT: 19.41 min Scan# 2677
Delta R.T. -0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Tgt Ion:105 Resp: 1643

Ion	Ratio	Lower	Upper
105	100		
134	0.0	15.4	23.2#



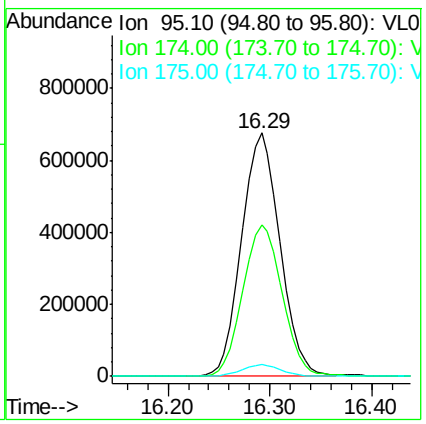


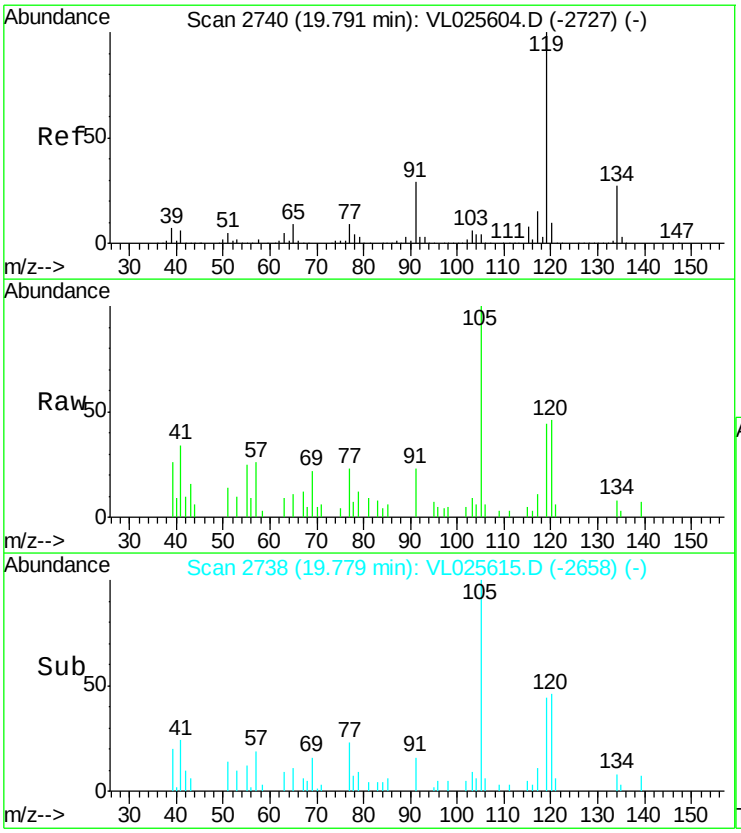
#68
1-Bromo-4-Fluorobenzene
Concen: 10.13 ppbv
RT: 16.29 min Scan# 2166
Delta R.T. -0.00 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Instrument :
MSVOA_L
ClientSampleId :
DIN46-EFFLUENT-070115

Tgt Ion: 95 Resp: 1773185

Ion	Ratio	Lower	Upper
95	100		
174	64.4	52.0	78.0
175	4.8	3.9	5.9

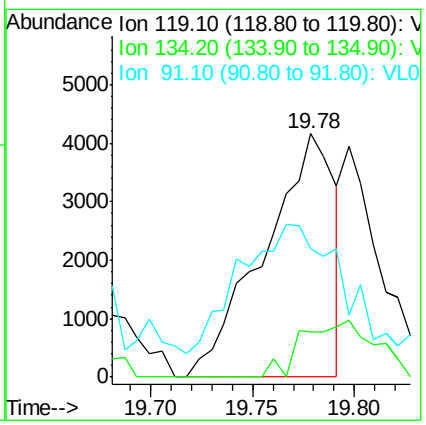


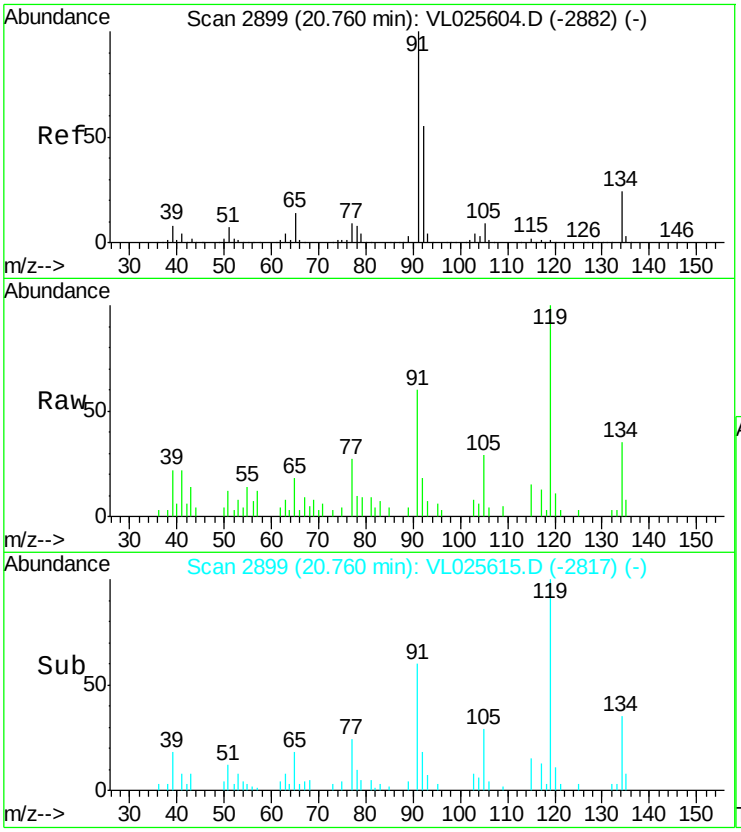


#69
p-Isopropyltoluene
Concen: 0.02 ppbv
RT: 19.78 min Scan# 2738
Delta R.T. -0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Tgt Ion:119 Resp: 9922

Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.7	31.1#
91	100.0	22.6	34.0#



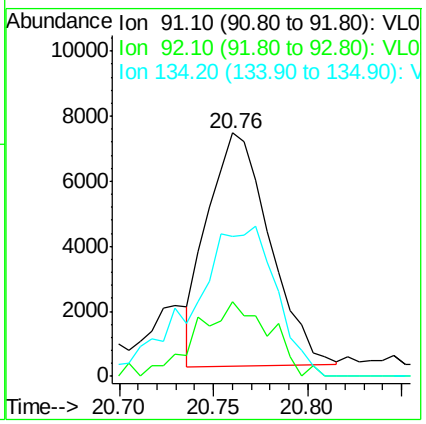


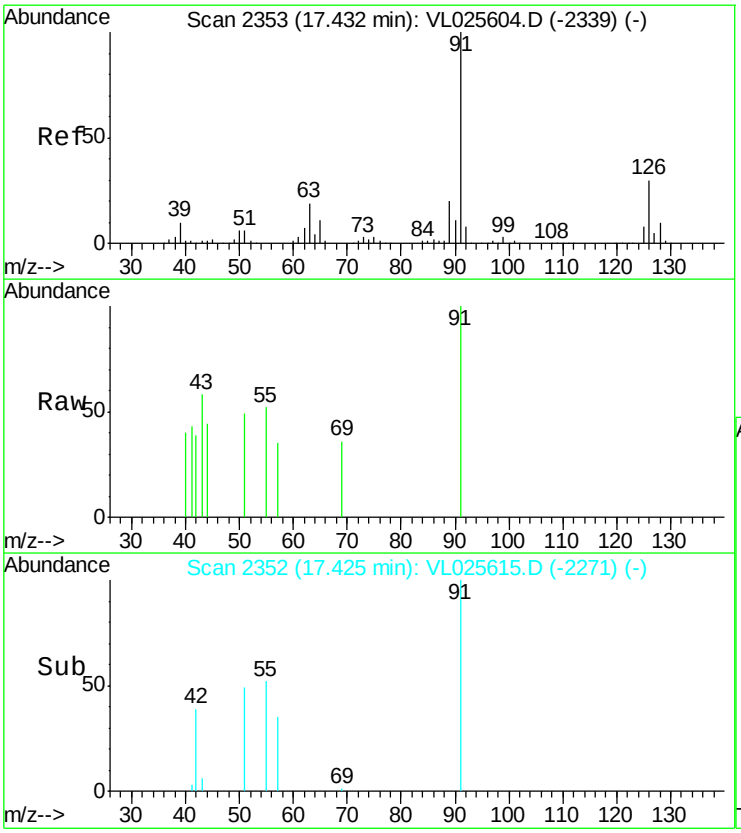
#70
n-Butylbenzene
Concen: 0.03 ppbv
RT: 20.76 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Instrument :
MSVOA_L
ClientSampleId :
DIN46-EFFLUENT-070115

Tgt Ion: 91 Resp: 16395

Ion	Ratio	Lower	Upper
91	100		
92	38.4	44.3	66.5#
134	86.8	19.4	29.2#

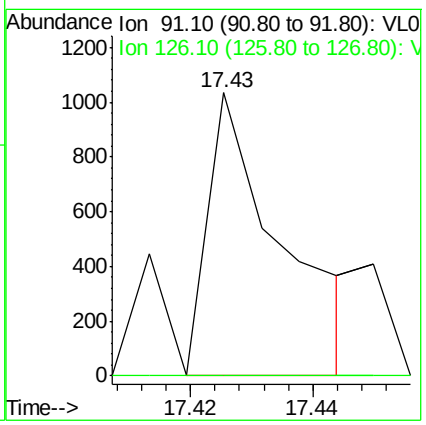


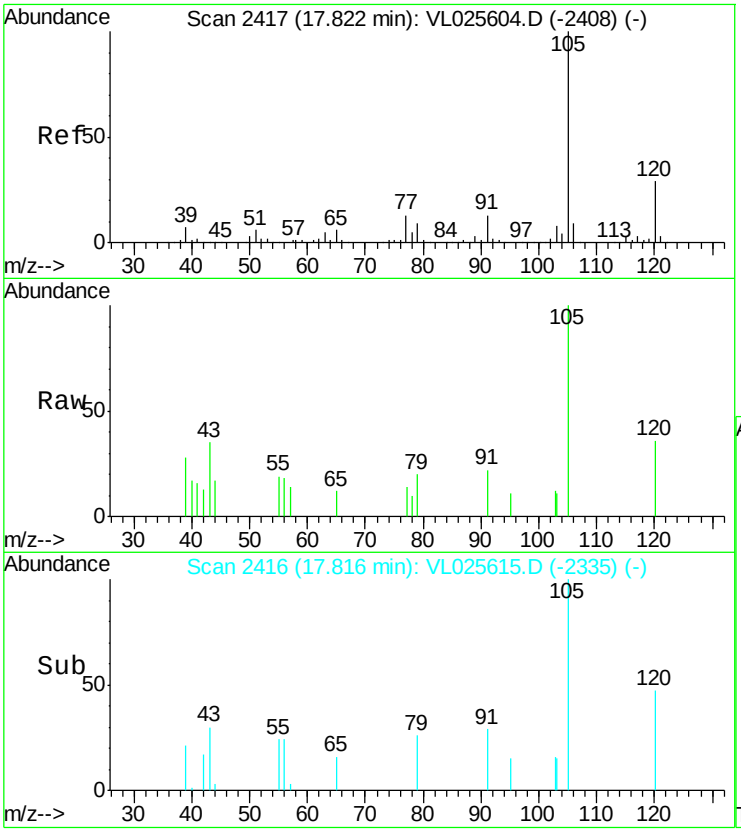


#71
2-Chlorotoluene
Concen: 0.00 ppbv
RT: 17.43 min Scan# 2352
Delta R.T. -0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Tgt Ion: 91 Resp: 864

Ion	Ratio	Lower	Upper
91	100		
126	0.0	12.2	49.0#



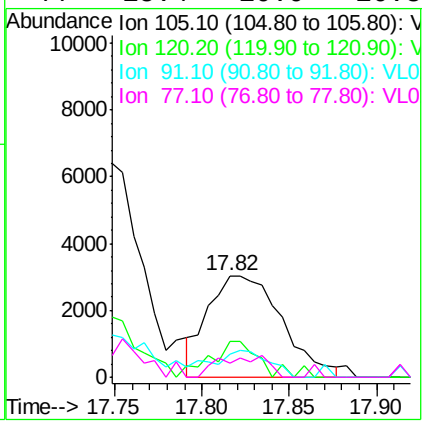


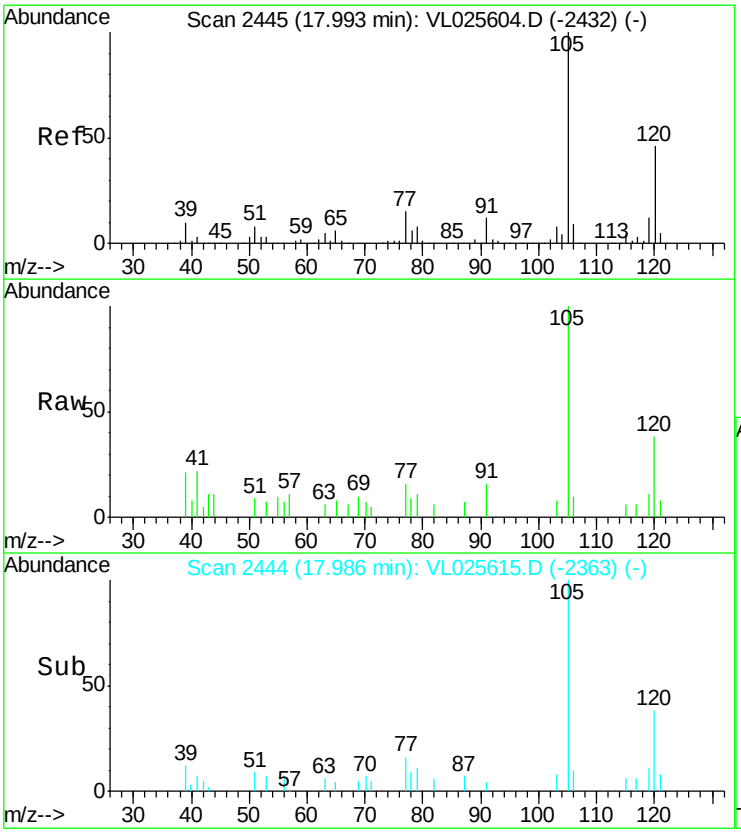
#72
4-Ethyltoluene
Concen: 0.02 ppbv
RT: 17.82 min Scan# 2416
Delta R.T. -0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Instrument :
MSVOA_L
ClientSampleId :
DIN46-EFFLUENT-070115

Tgt Ion:105 Resp: 8892

Ion	Ratio	Lower	Upper
105	100		
120	21.9	23.9	35.9#
91	25.3	10.3	15.5#
77	15.4	10.9	16.3

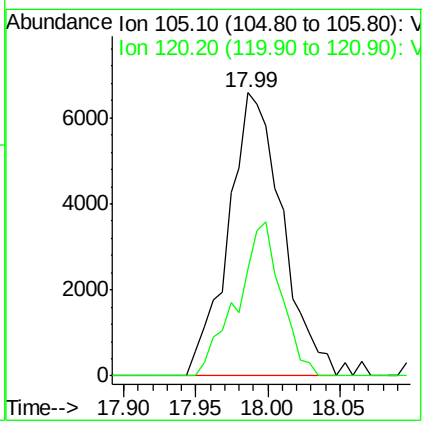


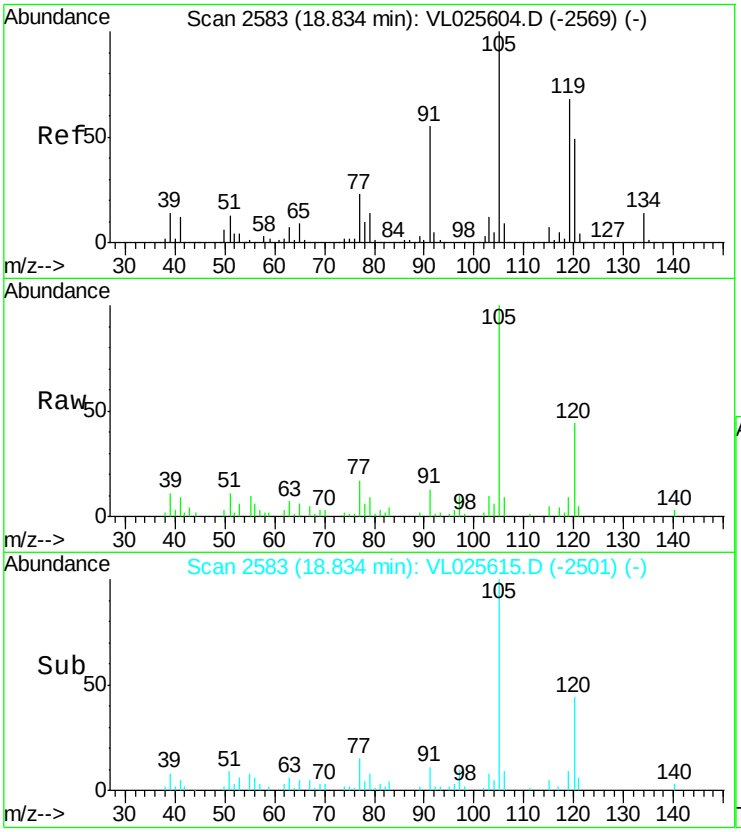


#73
1,3,5-Trimethylbenzene
Concen: 0.05 ppbv
RT: 17.99 min Scan# 2444
Delta R.T. -0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Tgt Ion:105 Resp: 17113

Ion	Ratio	Lower	Upper
105	100		
120	37.7	37.0	55.4



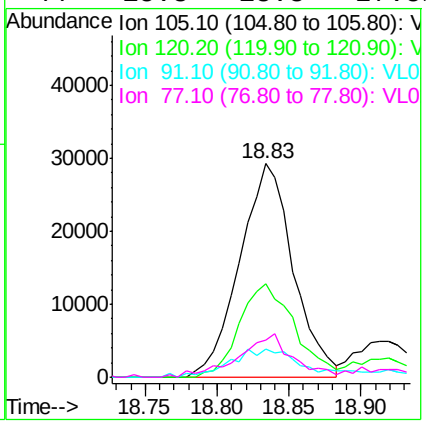


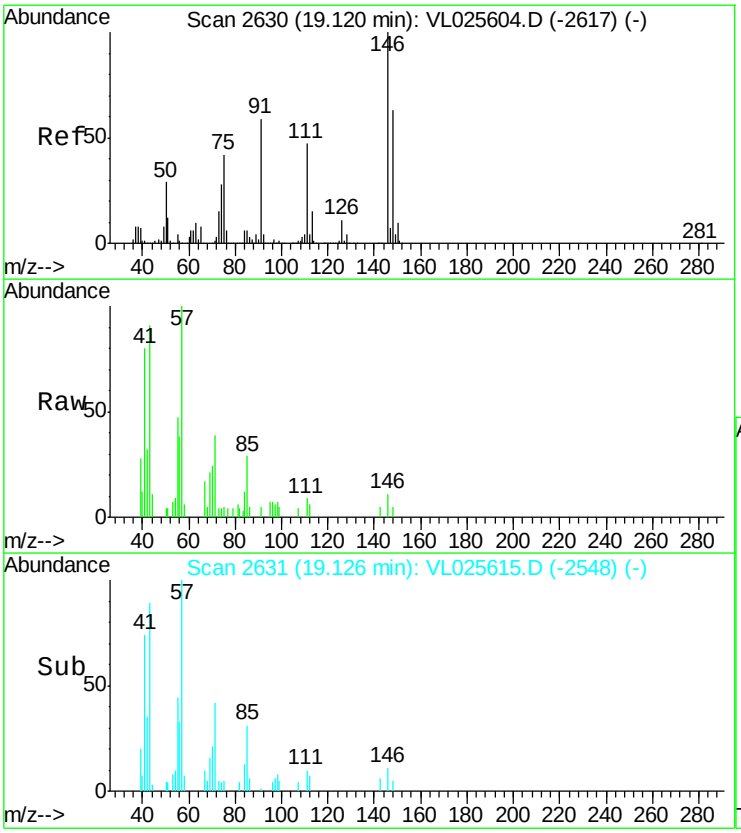
#74
1,2,4-Trimethylbenzene
Concen: 0.19 ppbv
RT: 18.83 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Instrument :
MSVOA_L
ClientSampleId :
DIN46-EFFLUENT-070115

Tgt Ion:105 Resp: 75359

Ion	Ratio	Lower	Upper
105	100		
120	43.7	39.3	58.9
91	11.5	43.8	65.6#
77	15.8	18.3	27.5#

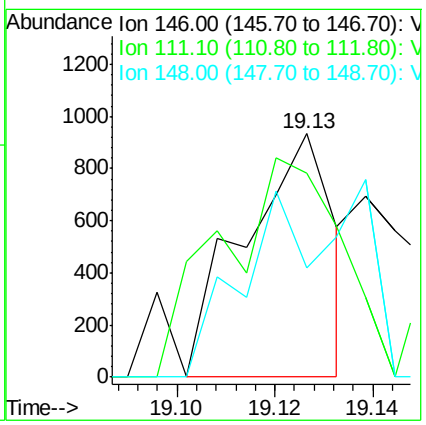


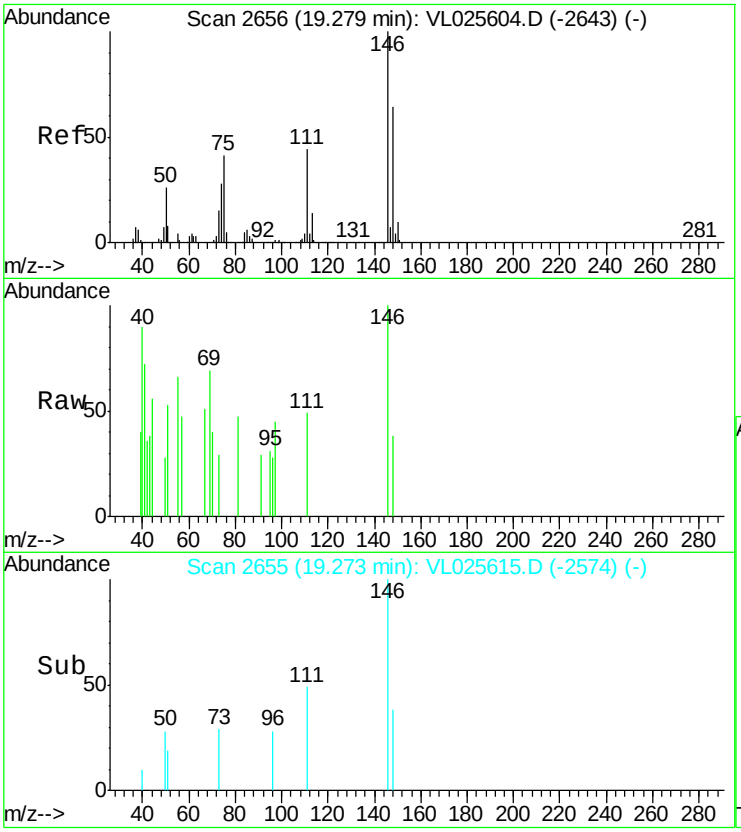


#75
1,3-Dichlorobenzene
Concen: 0.00 ppbv
RT: 19.13 min Scan# 2631
Delta R.T. 0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Tgt Ion:146 Resp: 1184

Ion	Ratio	Lower	Upper
146	100		
111	133.4	22.7	68.1#
148	0.0	31.8	95.3#



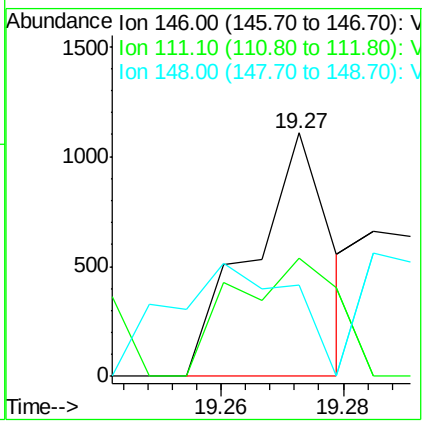


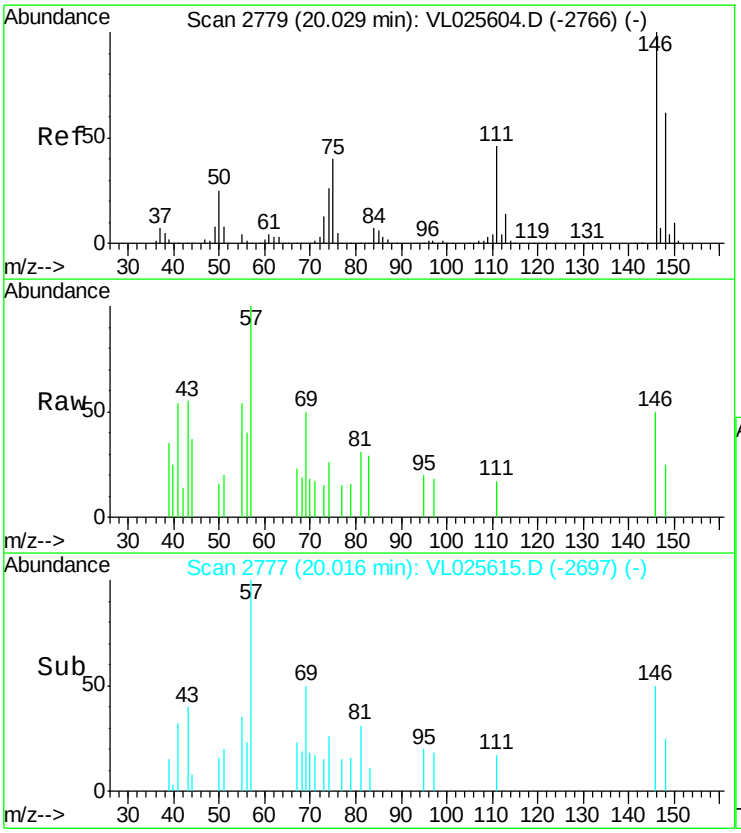
#76
1,4-Dichlorobenzene
Concen: 0.00 ppbv
RT: 19.27 min Scan# 2655
Delta R.T. -0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Instrument :
MSVOA_L
ClientSampleId :
DIN46-EFFLUENT-070115

Tgt Ion:146 Resp: 990

Ion	Ratio	Lower	Upper
146	100		
111	76.7	22.1	66.1#
148	0.0	31.9	95.9#

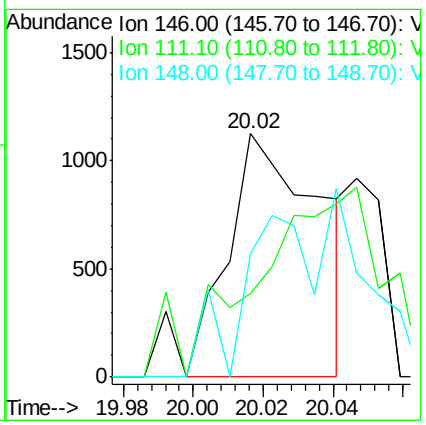


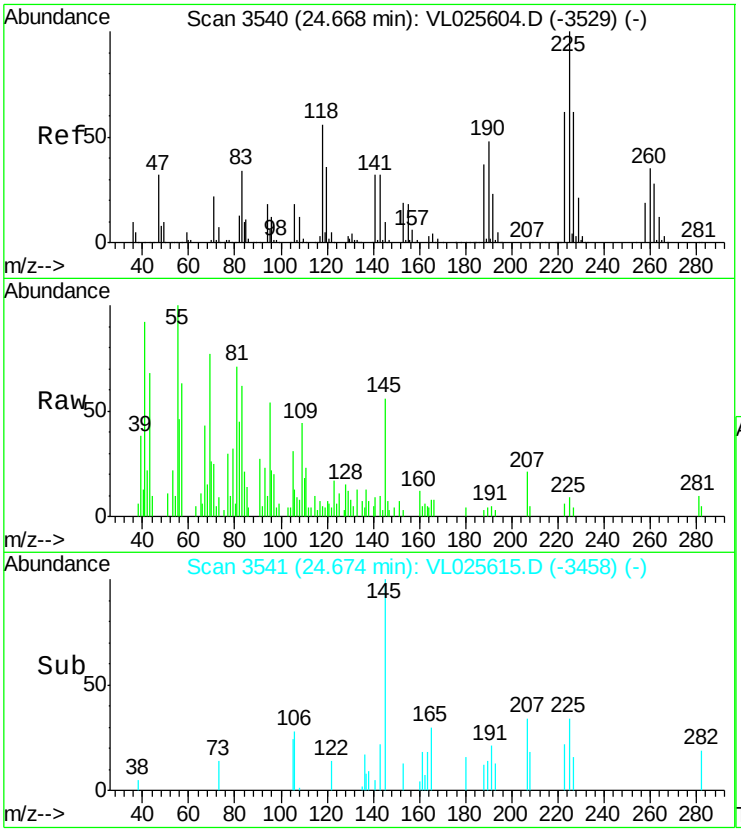


#77
1,2-Dichlorobenzene
Concen: 0.01 ppbv
RT: 20.02 min Scan# 2777
Delta R.T. -0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Tgt Ion:146 Resp: 2027

Ion	Ratio	Lower	Upper
146	100		
111	0.0	23.4	70.3#
148	0.0	31.6	94.8#



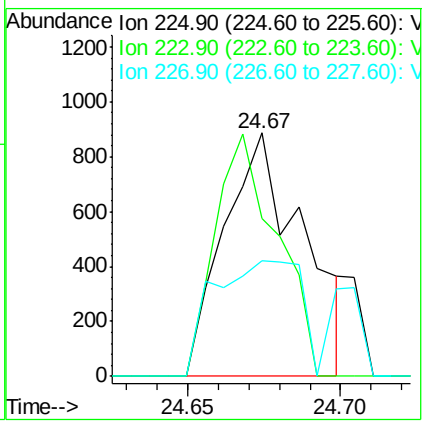


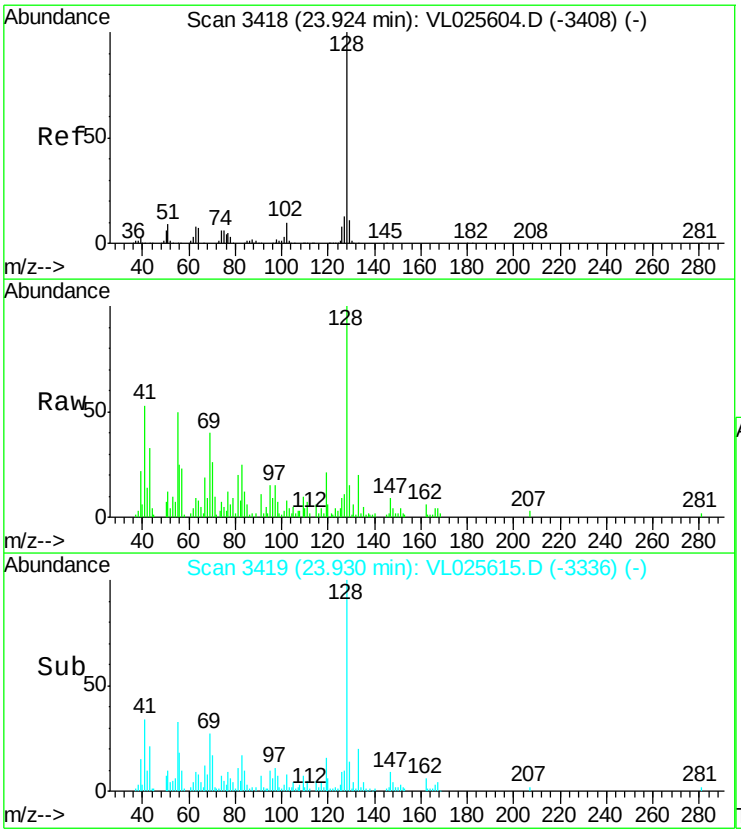
#78
Hexachloro-1,3-Butadiene
Concen: 0.01 ppbv
RT: 24.67 min Scan# 3541
Delta R.T. 0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Instrument :
MSVOA_L
ClientSampleId :
DIN46-EFFLUENT-070115

Tgt Ion:225 Resp: 1584

Ion	Ratio	Lower	Upper
225	100		
223	78.2	50.6	76.0#
227	67.3	50.5	75.7

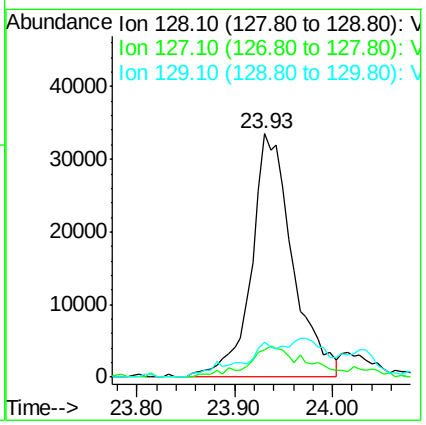


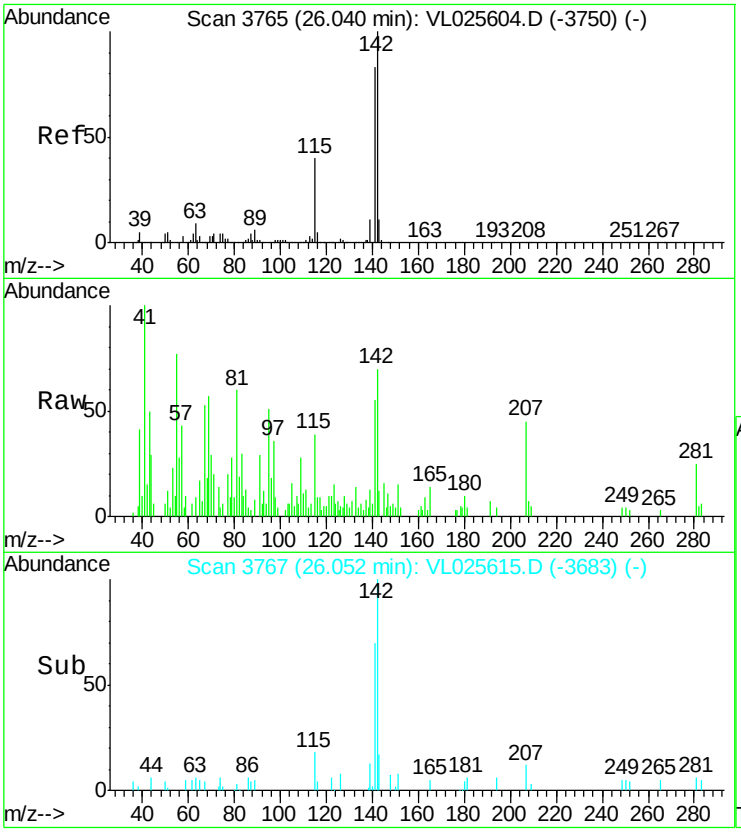


#79
Naphthalene
Concen: 0.26 ppbv
RT: 23.93 min Scan# 3419
Delta R.T. 0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Tgt Ion:128 Resp: 97689

Ion	Ratio	Lower	Upper
128	100		
127	11.4	10.8	16.2
129	14.6	9.0	13.4#



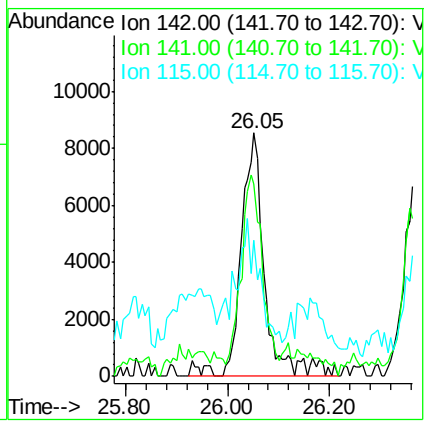


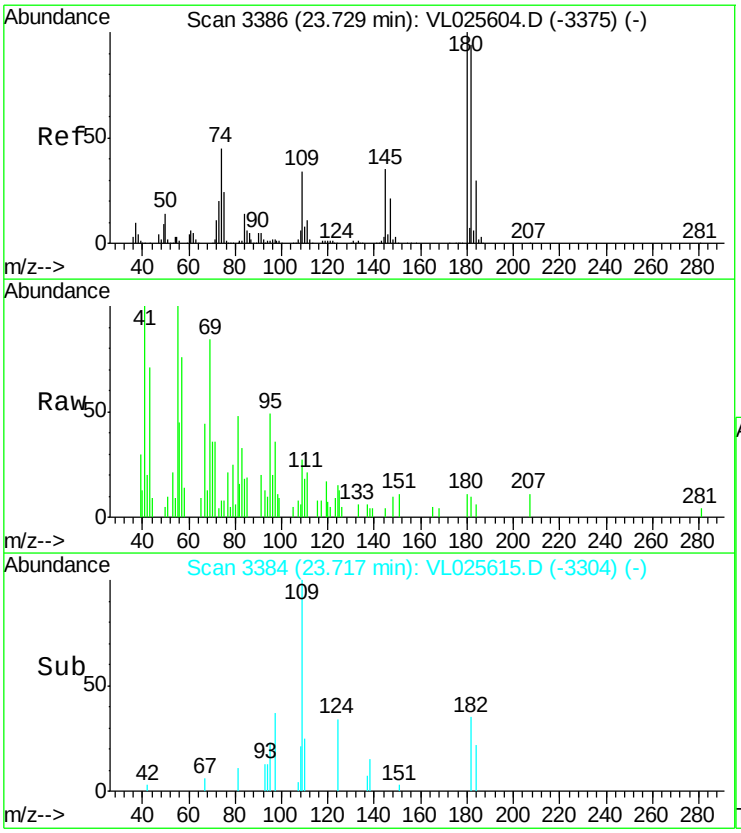
#80
Naphthalene,2-methyl-
Concen: 0.25 ppbv
RT: 26.05 min Scan# 3767
Delta R.T. 0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Instrument :
MSVOA_L
ClientSampleId :
DIN46-EFFLUENT-070115

Tgt Ion:142 Resp: 27516

Ion	Ratio	Lower	Upper
142	100		
141	77.7	67.1	100.7
115	49.2	33.9	50.9





#81
1,2,4-Trichlorobenzene
Concen: 0.00 ppbv
RT: 23.72 min Scan# 3384
Delta R.T. -0.01 min
Lab File: VL025615.D
Acq: 7 Jul 2015 19:59

Tgt Ion:180 Resp: 646

Ion	Ratio	Lower	Upper
180	100		
182	0.0	76.1	114.1#
184	0.0	24.4	36.6#