Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL102115\
Data File : VL026241.D
Acq On : 21 Oct 2015 17:07
Operator : SY/MD
Sample : G4086-01DL 1000X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : ERD45INFLUENT-100215DL

Quant Time: Oct 22 12:40:10 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL102015AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Oct 21 01:20:55 2015
QLast Update : Wed Oct 21 01:20:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	6.62	49	473146	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	8.30	114	1384987	10.00	ppbv		-0.01
55) Chlorobenzene-d5	13.71	117	1600189	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	16.25	95	1299396	10.53	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.30%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	3.55	51	12275	0.20	ppbv		94
5) Vinyl Chloride	3.87	62	15488	0.46	ppbv		96
9) Propene	3.57	41	3139	0.11	ppbv	#	79
10) Heptane	9.32	43	11106	0.12	ppbv		97
13) Ethanol	4.34	45	4991	1.19	ppbv		85
15) Acetone	4.59	43	221843	3.19	ppbv		95
22) trans-1,2-Dichloroethene	5.74	96	8452	0.22	ppbv	#	80
26) Hexane	6.63	57	11234	0.17	ppbv	#	51
31) cis-1,2-Dichloroethene	6.49	61	503592	8.50	ppbv		99
34) 2-Butanone	6.20	43	56829	0.73	ppbv		99
38) Trichloroethene	9.04	130	3403560	49.73	ppbv		94

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

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL102115\
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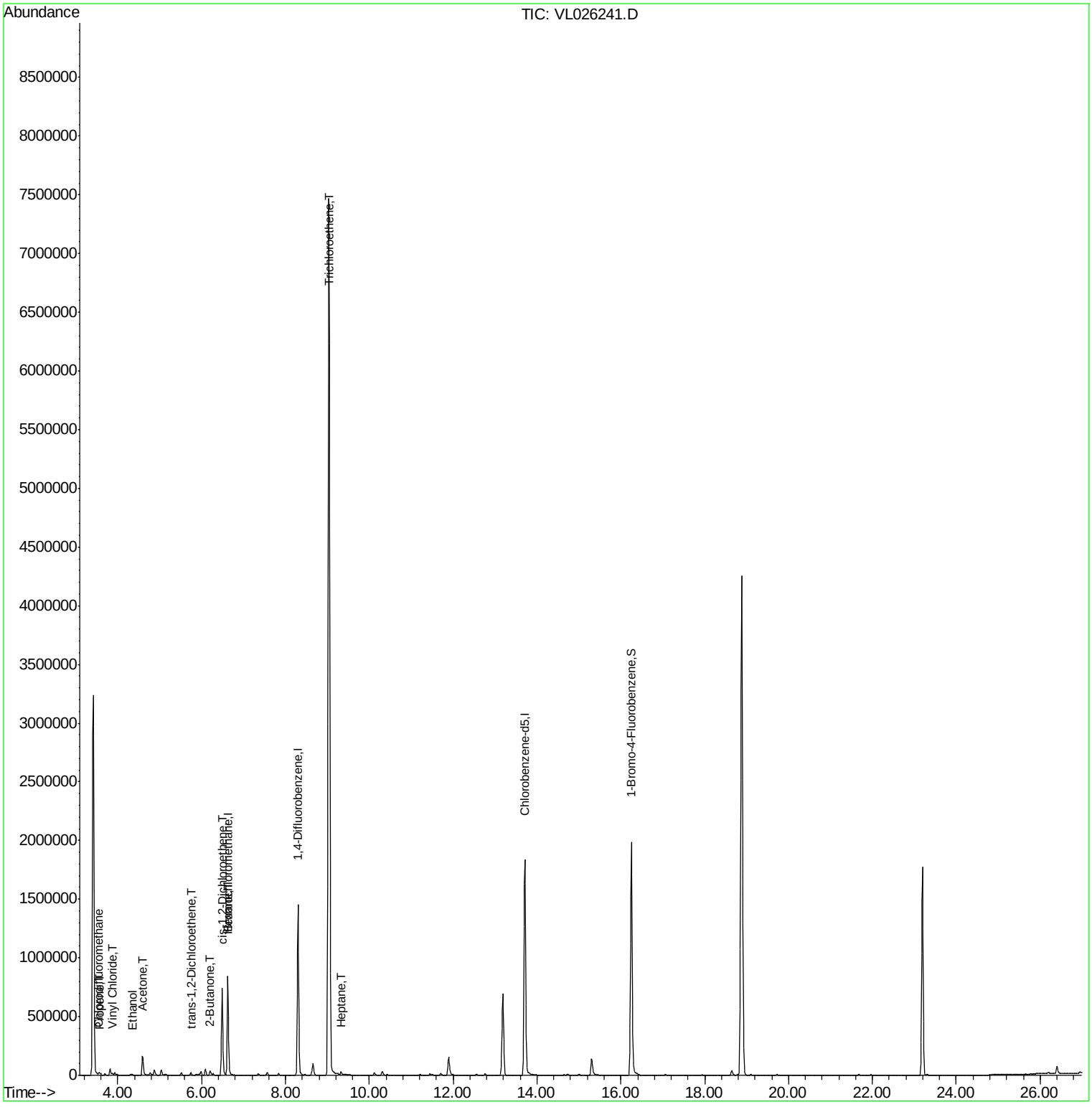
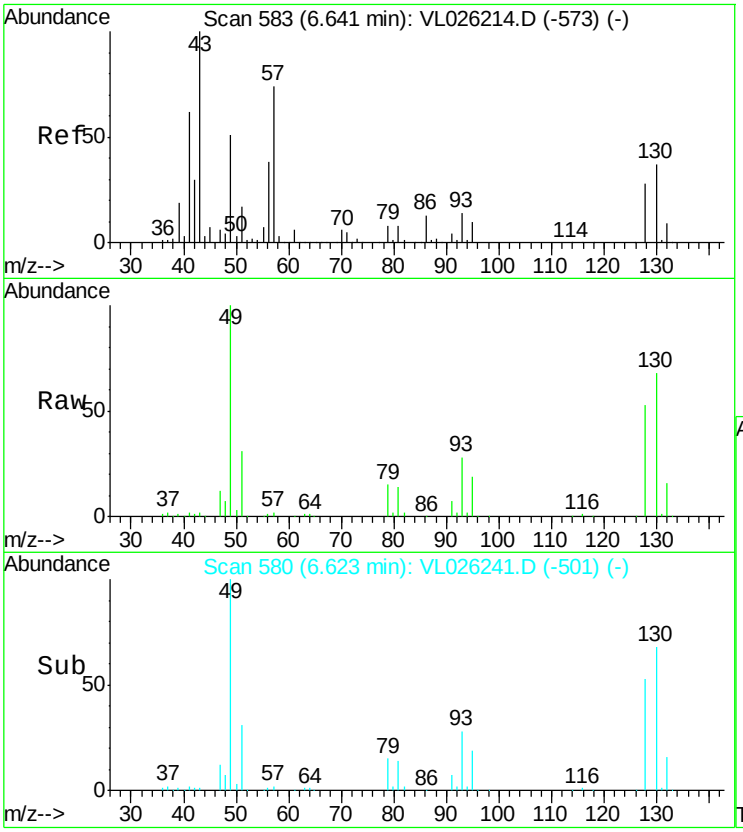
Sample : G4086-01DL 1000X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
ERD45INFLUENT-100215DL

Quant Time: Oct 22 12:40:10 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL102015AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Oct 21 01:20:55 2015
QLast Update : Wed Oct 21 01:20:55 2015
Response via : Initial Calibration



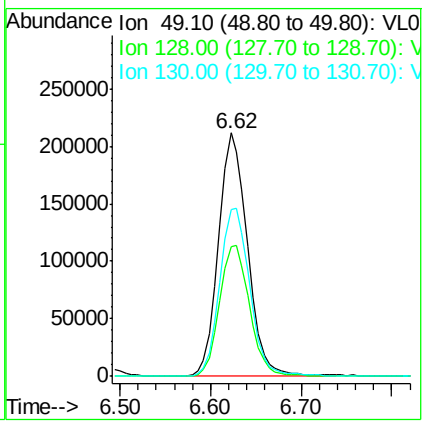


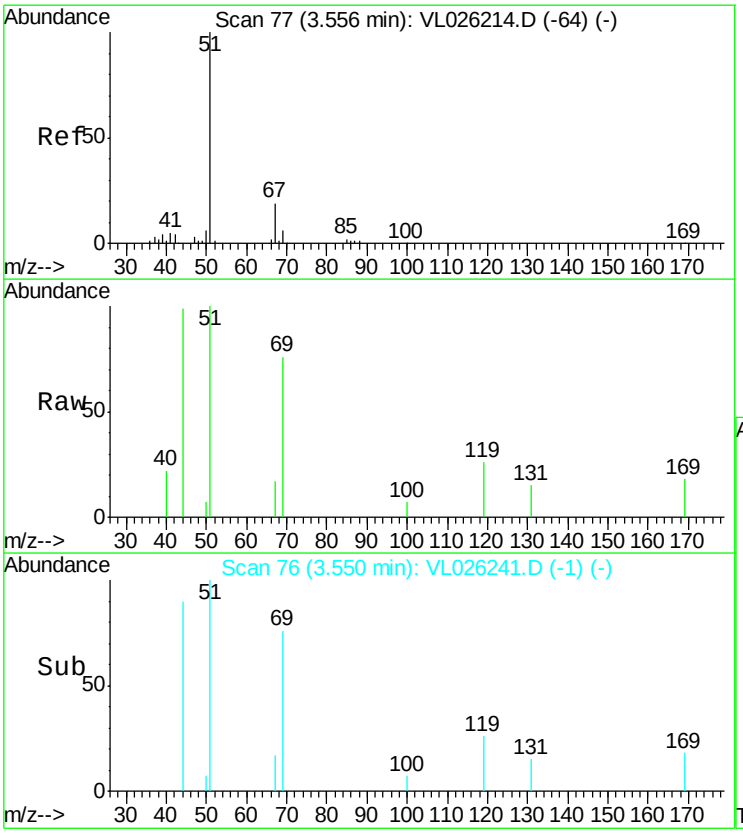
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 6.62 min Scan# 580
Delta R.T. -0.02 min
Lab File: VL026241.D
Acq: 21 Oct 2015 17:07

Instrument :
MSVOA_L
ClientSampleId :
ERD45INFLUENT-100215DL

Tgt Ion: 49 Resp: 473146

Ion	Ratio	Lower	Upper
49	100		
128	56.3	28.2	84.7
130	71.9	36.0	108.1

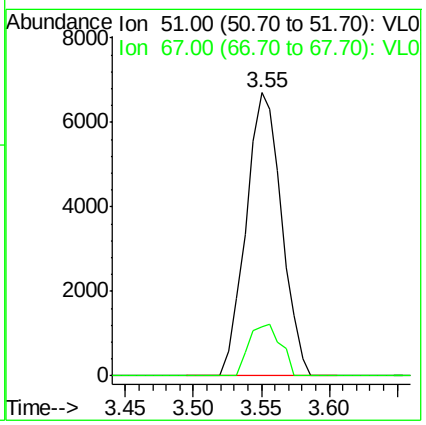


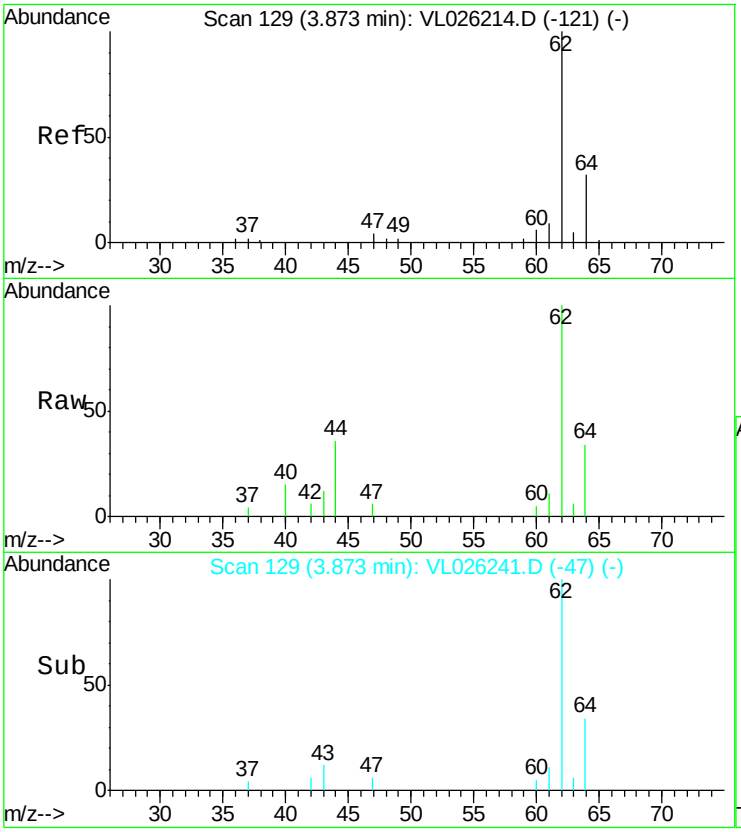


#3
Chlorodifluoromethane
Concen: 0.20 ppbv
RT: 3.55 min Scan# 76
Delta R.T. -0.01 min
Lab File: VL026241.D
Acq: 21 Oct 2015 17:07

Tgt Ion: 51 Resp: 12275

Ion	Ratio	Lower	Upper
51	100		
67	16.2	15.3	22.9



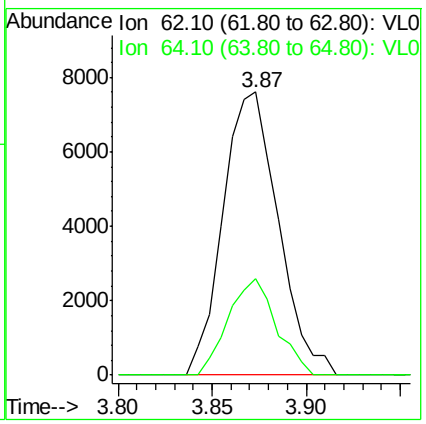


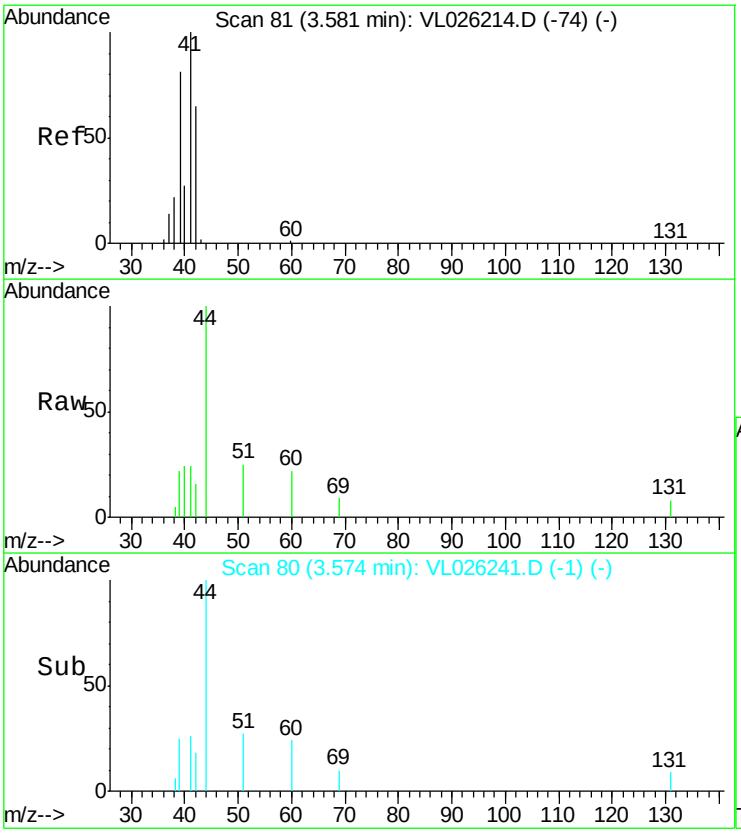
#5
Vinyl Chloride
Concen: 0.46 ppbv
RT: 3.87 min Scan# 129
Delta R.T. -0.00 min
Lab File: VL026241.D
Acq: 21 Oct 2015 17:07

Instrument :
MSVOA_L
ClientSampleId :
ERD45INFLUENT-100215DL

Tgt Ion: 62 Resp: 15488

Ion	Ratio	Lower	Upper
62	100		
64	34.0	25.6	38.4

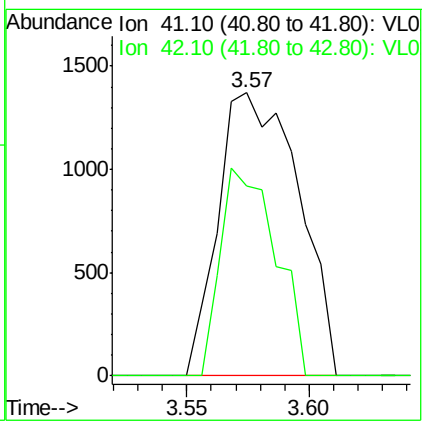


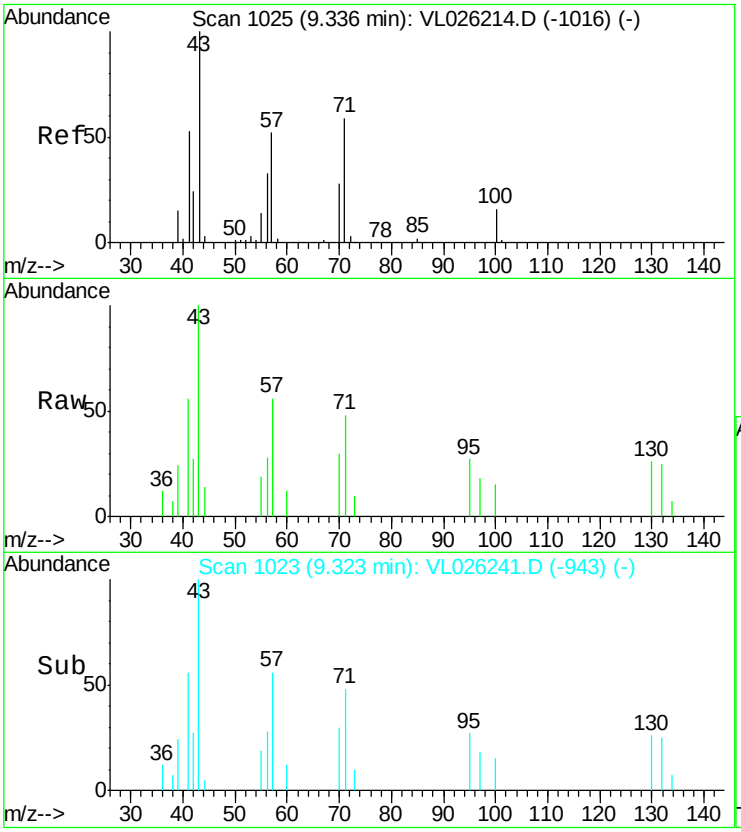


#9
Propene
Concen: 0.11 ppbv
RT: 3.57 min Scan# 80
Delta R.T. -0.01 min
Lab File: VL026241.D
Acq: 21 Oct 2015 17:07

Tgt Ion: 41 Resp: 3139

Ion	Ratio	Lower	Upper
41	100		
42	50.8	53.8	80.8#



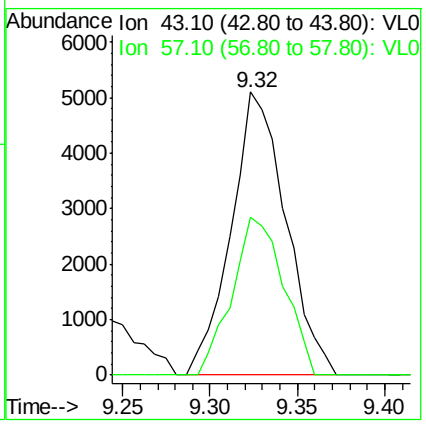


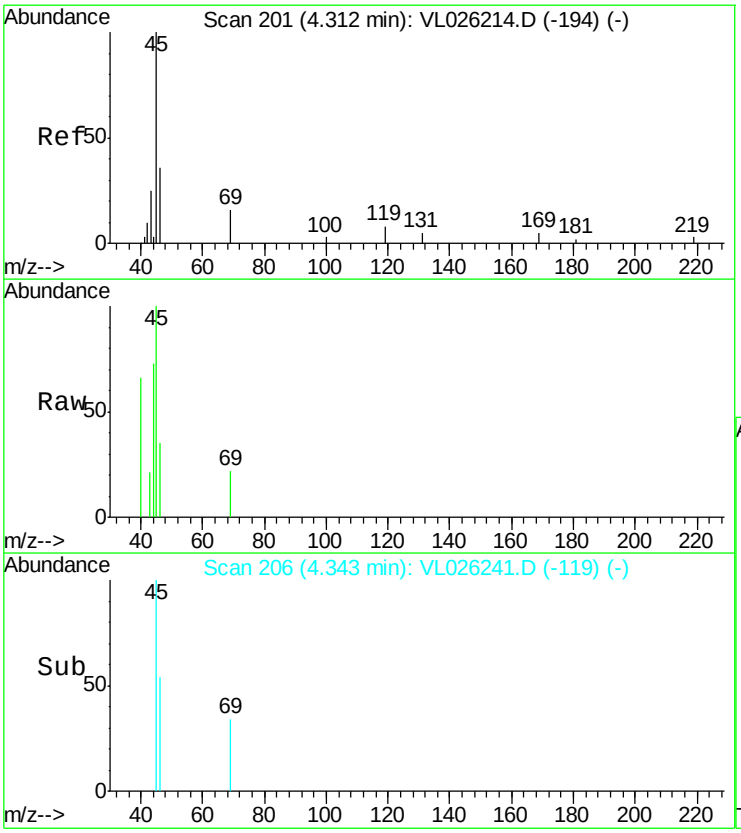
#10
Heptane
Concen: 0.12 ppbv
RT: 9.32 min Scan# 1023
Delta R.T. -0.01 min
Lab File: VL026241.D
Acq: 21 Oct 2015 17:07

Instrument :
MSVOA_L
ClientSampleId :
ERD45INFLUENT-100215DL

Tgt Ion: 43 Resp: 11106

Ion	Ratio	Lower	Upper
43	100		
57	52.6	43.7	65.5

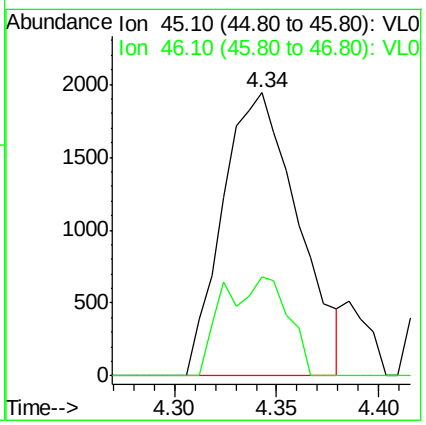


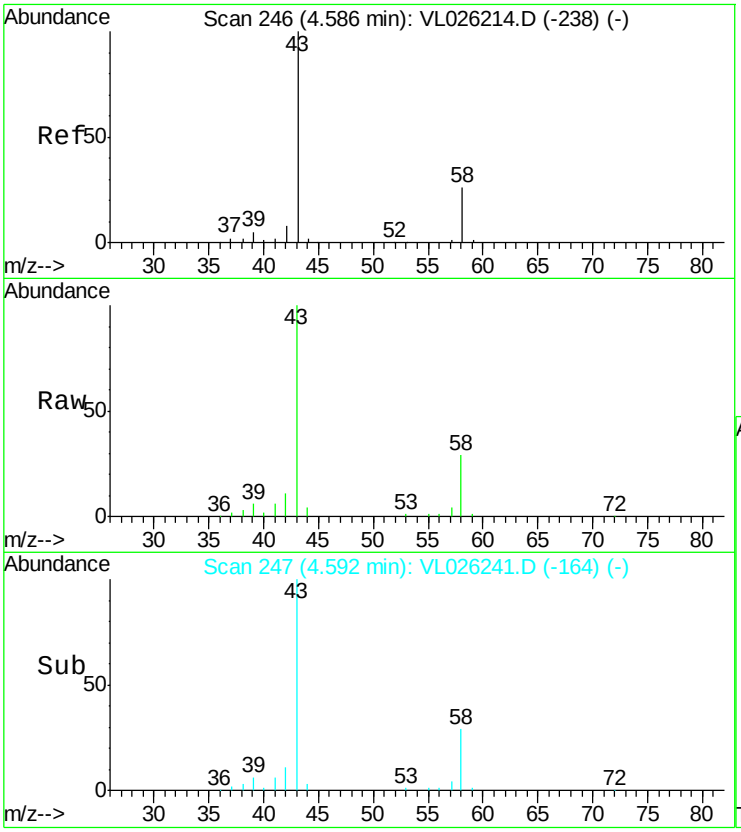


#13
Ethanol
Concen: 1.19 ppbv
RT: 4.34 min Scan# 206
Delta R.T. 0.03 min
Lab File: VL026241.D
Acq: 21 Oct 2015 17:07

Tgt Ion: 45 Resp: 4991

Ion	Ratio	Lower	Upper
45	100		
46	30.1	15.8	63.0



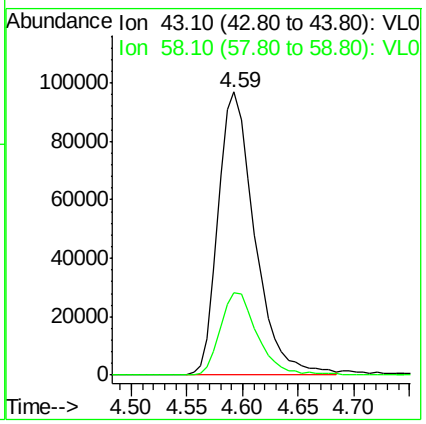


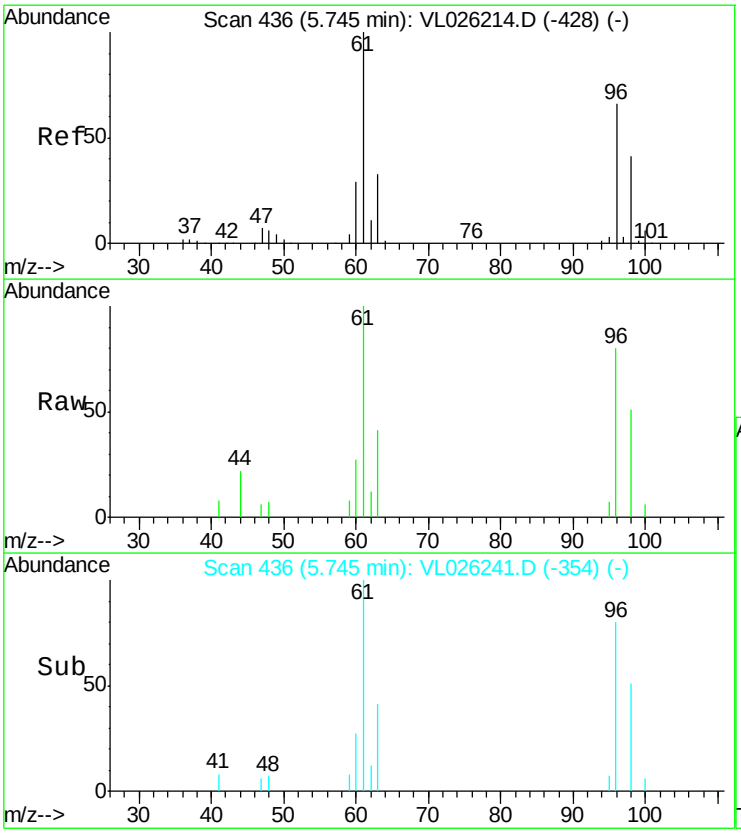
#15
Acetone
Concen: 3.19 ppbv
RT: 4.59 min Scan# 247
Delta R.T. 0.01 min
Lab File: VL026241.D
Acq: 21 Oct 2015 17:07

Instrument :
MSVOA_L
ClientSampleId :
ERD45INFLUENT-100215DL

Tgt Ion: 43 Resp: 221843

Ion	Ratio	Lower	Upper
43	100		
58	29.6	21.8	32.6

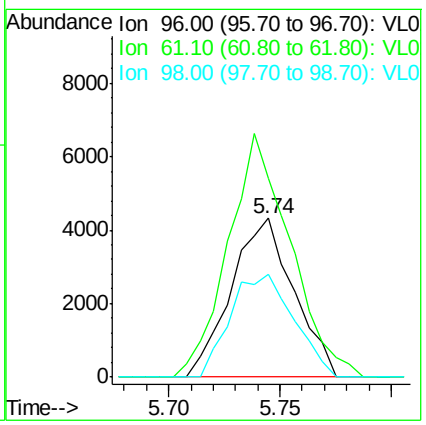


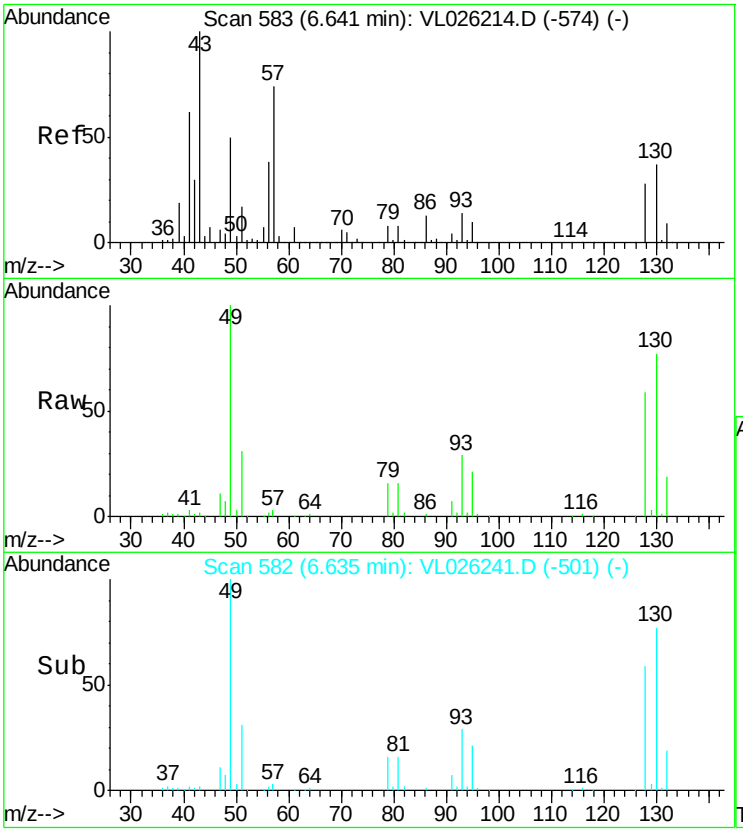


#22
trans-1,2-Dichloroethene
Concen: 0.22 ppbv
RT: 5.74 min Scan# 436
Delta R.T. -0.00 min
Lab File: VL026241.D
Acq: 21 Oct 2015 17:07

Tgt Ion: 96 Resp: 8452

Ion	Ratio	Lower	Upper
96	100		
61	117.1	121.5	182.3#
98	64.5	49.7	74.5



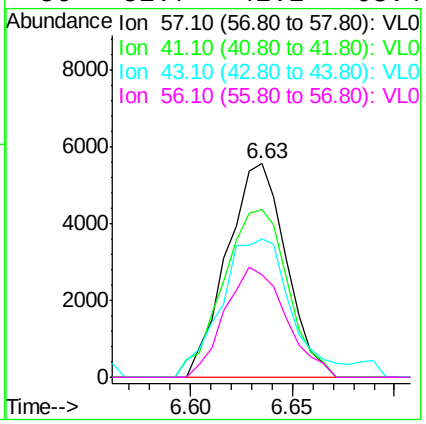


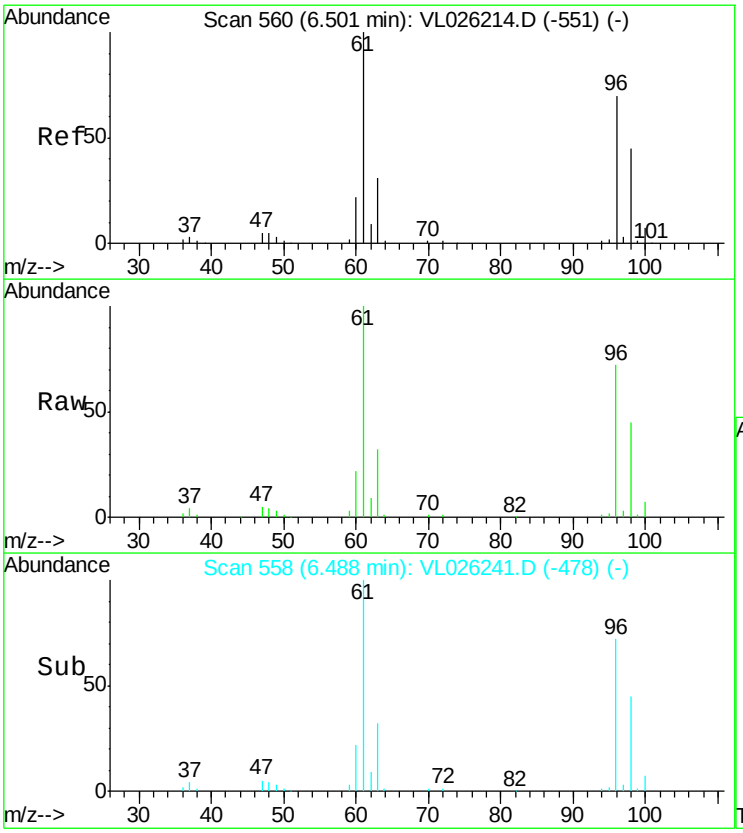
#26
Hexane
Concen: 0.17 ppbv
RT: 6.63 min Scan# 582
Delta R.T. -0.01 min
Lab File: VL026241.D
Acq: 21 Oct 2015 17:07

Instrument :
MSVOA_L
ClientSampleId :
ERD45INFLUENT-100215DL

Tgt Ion: 57 Resp: 11234

Ion	Ratio	Lower	Upper
57	100		
41	85.8	68.1	102.1
43	79.6	163.4	245.2#
56	52.7	42.2	63.4

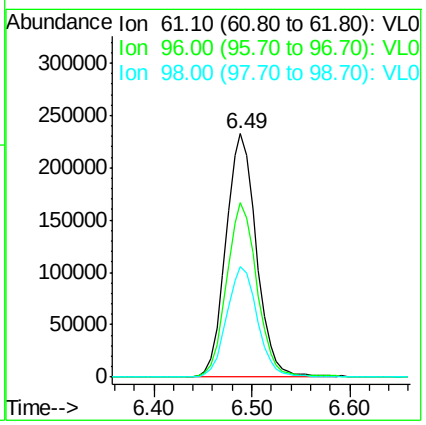


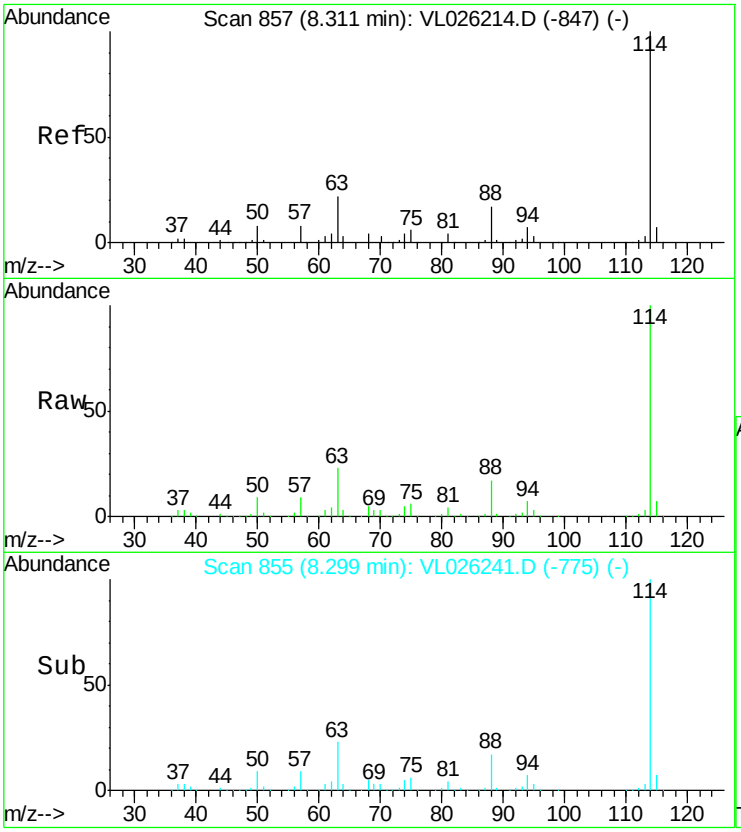


#31
cis-1,2-Dichloroethene
Concen: 8.50 ppbv
RT: 6.49 min Scan# 558
Delta R.T. -0.01 min
Lab File: VL026241.D
Acq: 21 Oct 2015 17:07

Tgt Ion: 61 Resp: 503592

Ion	Ratio	Lower	Upper
61	100		
96	71.6	56.0	84.0
98	45.4	36.1	54.1



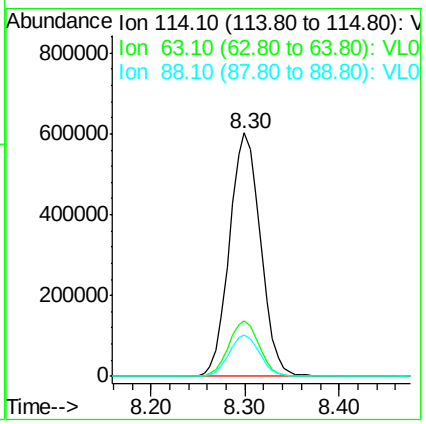


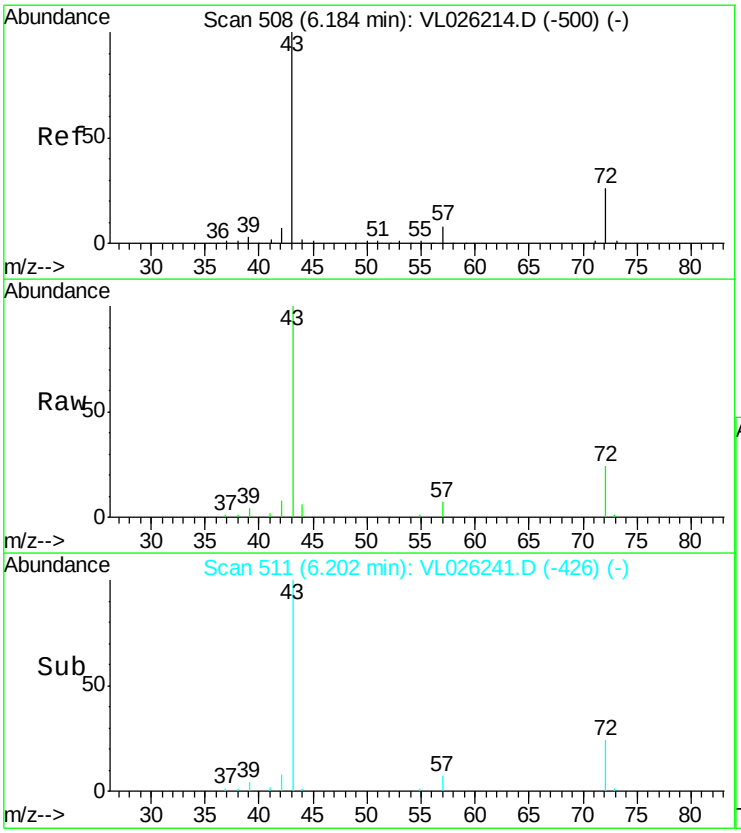
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.30 min Scan# 855
Delta R.T. -0.01 min
Lab File: VL026241.D
Acq: 21 Oct 2015 17:07

Instrument :
MSVOA_L
ClientSampleId :
ERD45INFLUENT-100215DL

Tgt Ion:114 Resp: 1384987

Ion	Ratio	Lower	Upper
114	100		
63	22.6	18.2	27.4
88	16.7	13.5	20.3

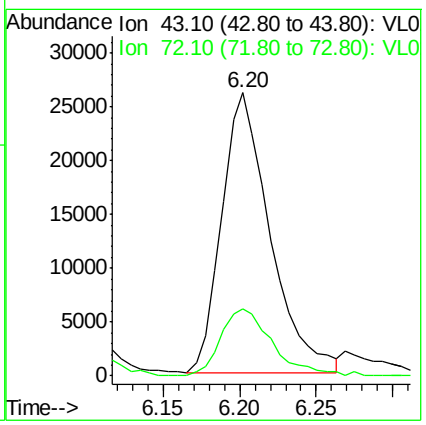


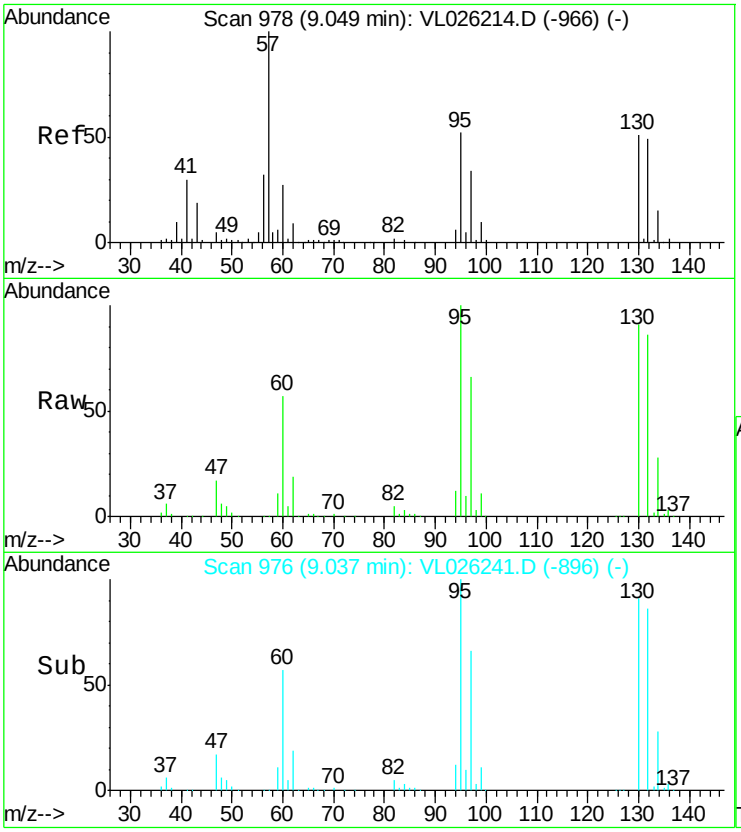


#34
2-Butanone
Concen: 0.73 ppbv
RT: 6.20 min Scan# 511
Delta R.T. 0.02 min
Lab File: VL026241.D
Acq: 21 Oct 2015 17:07

Tgt Ion: 43 Resp: 56829

Ion	Ratio	Lower	Upper
43	100		
72	25.7	20.1	30.1



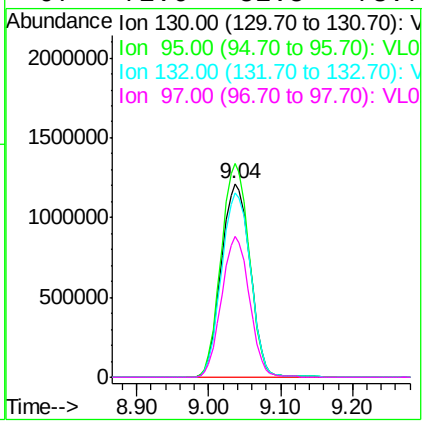


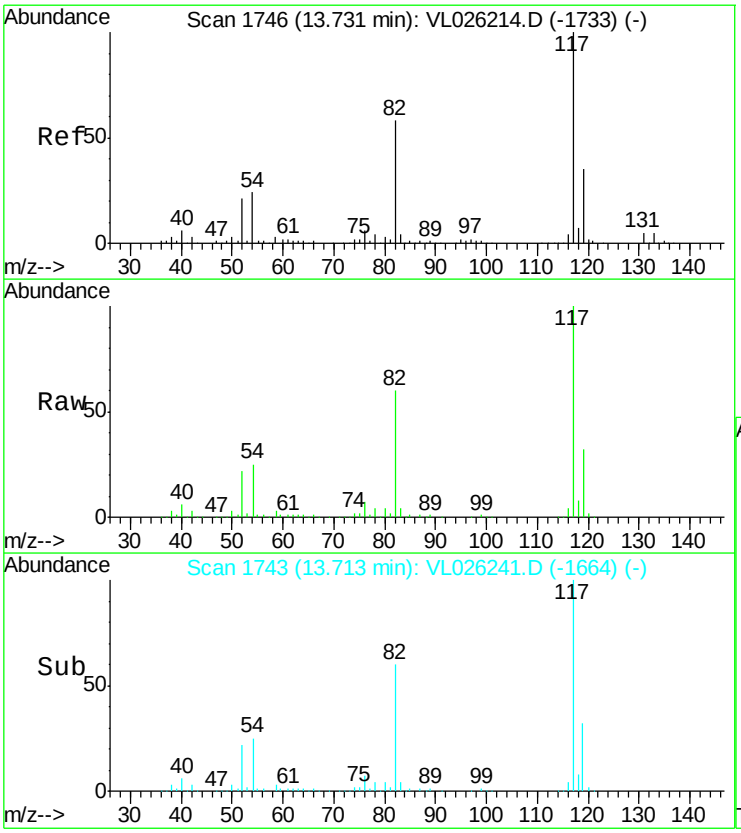
#38
Trichloroethene
Concen: 49.73 ppbv
RT: 9.04 min Scan# 976
Delta R.T. -0.01 min
Lab File: VL026241.D
Acq: 21 Oct 2015 17:07

Instrument :
MSVOA_L
ClientSampleId :
ERD45INFLUENT-100215DL

Tgt Ion:130 Resp: 3403560

Ion	Ratio	Lower	Upper
130	100		
95	110.4	81.0	121.4
132	95.3	76.5	114.7
97	72.6	52.5	78.7

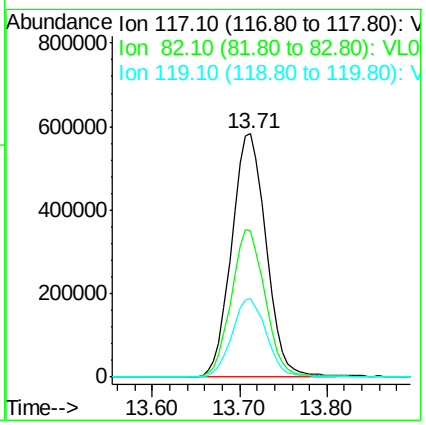


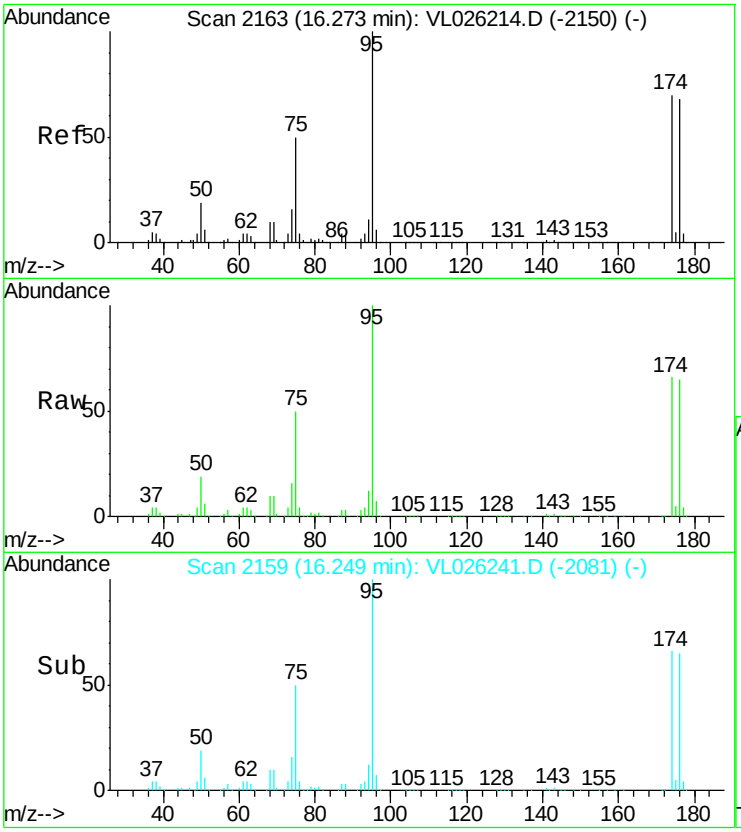


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.71 min Scan# 1743
Delta R.T. -0.02 min
Lab File: VL026241.D
Acq: 21 Oct 2015 17:07

Tgt Ion:117 Resp: 1600189

Ion	Ratio	Lower	Upper
117	100		
82	60.2	45.8	68.8
119	32.7	45.0	67.4#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.53 ppbv
RT: 16.25 min Scan# 2159
Delta R.T. -0.02 min
Lab File: VL026241.D
Acq: 21 Oct 2015 17:07

Instrument :
MSVOA_L
ClientSampleId :
ERD45INFLUENT-100215DL

Tgt Ion: 95 Resp: 1299396

Ion	Ratio	Lower	Upper
95	100		
174	68.1	55.8	83.8
175	5.1	4.3	6.5