Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL111115\
Data File : VL026367.D
Acq On : 11 Nov 2015 16:40
Operator : SY/AP
Sample : G4364-02DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : DIN46INFLUENT110615DL

Quant Time: Nov 12 09:43:07 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	6.66	49	616493	10.00	ppbv		-0.03
33) 1,4-Difluorobenzene	8.34	114	1695973	10.00	ppbv		-0.04
55) Chlorobenzene-d5	13.76	117	2005307	10.00	ppbv		-0.04
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	16.30	95	1547922	10.18	ppbv		-0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.65	85	5491	0.04	ppbv		91
3) Chlorodifluoromethane	3.58	51	23984	0.31	ppbv	#	91
4) Chloromethane	3.76	50	1076	0.02	ppbv	#	83
8) Dichlorotetrafluoroethane	3.65	85	5491	0.05	ppbv	#	14
9) Propene	3.62	41	4987	0.13	ppbv	#	78
11) Trichlorofluoromethane	4.70	101	2580	0.02	ppbv	#	64
13) Ethanol	4.37	45	3189	0.57	ppbv		92
15) Acetone	4.62	43	106463	1.30	ppbv		100
16) 1,3-Butadiene	3.96	39	3353	0.08	ppbv	#	7
19) Isopropyl Alcohol	4.81	45	3595	0.10	ppbv	#	1
20) Methylene Chloride	5.16	84	7453	0.21	ppbv		96
23) Vinyl Acetate	6.01	43	5885	0.04	ppbv	#	63
25) Ethyl Acetate	6.71	43	18081	0.11	ppbv	#	95
26) Hexane	6.67	57	1740	0.02	ppbv	#	1
31) cis-1,2-Dichloroethene	6.53	61	8707	0.11	ppbv		94
34) 2-Butanone	6.24	43	10365	0.10	ppbv	#	86
38) Trichloroethene	9.08	130	14904	0.17	ppbv		95
51) 2-Hexanone	11.93	43	51431	0.41	ppbv	#	47
53) Toluene	11.25	91	74030	0.32	ppbv		97
59) m/p-Xylene	14.70	91	11066	0.04	ppbv	#	100
60) o-Xylene	15.50	91	6978	0.03	ppbv		97
73) 1,3,5-Trimethylbenzene	18.00	105	6025	0.02	ppbv		99
74) 1,2,4-Trimethylbenzene	18.84	105	19342	0.06	ppbv	#	72
81) 1,2,4-Trichlorobenzene	23.23	180	2286	0.02	ppbv	#	12

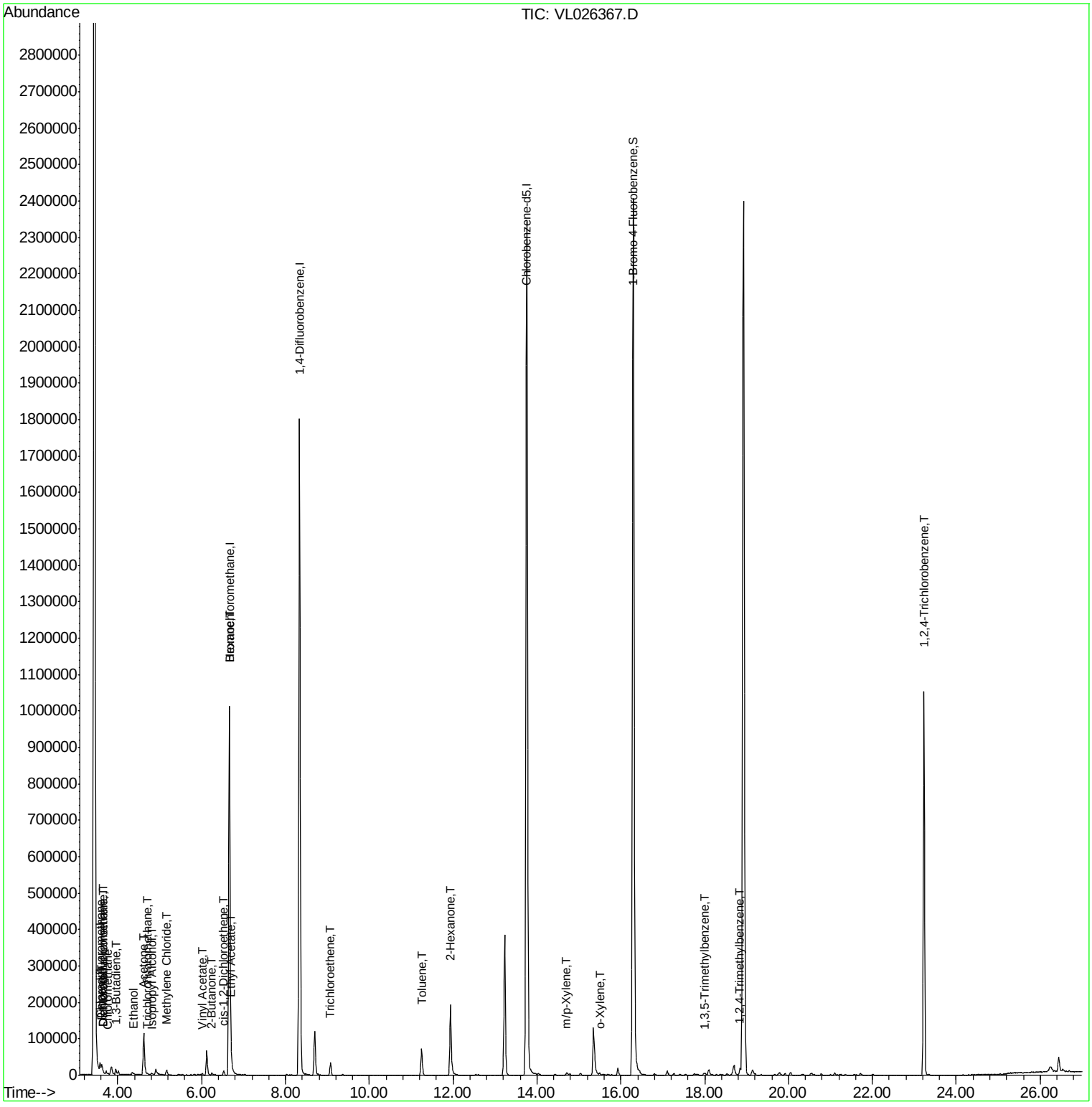
(#) = qualifier out of range (m) = manual integration (+) = signals summed

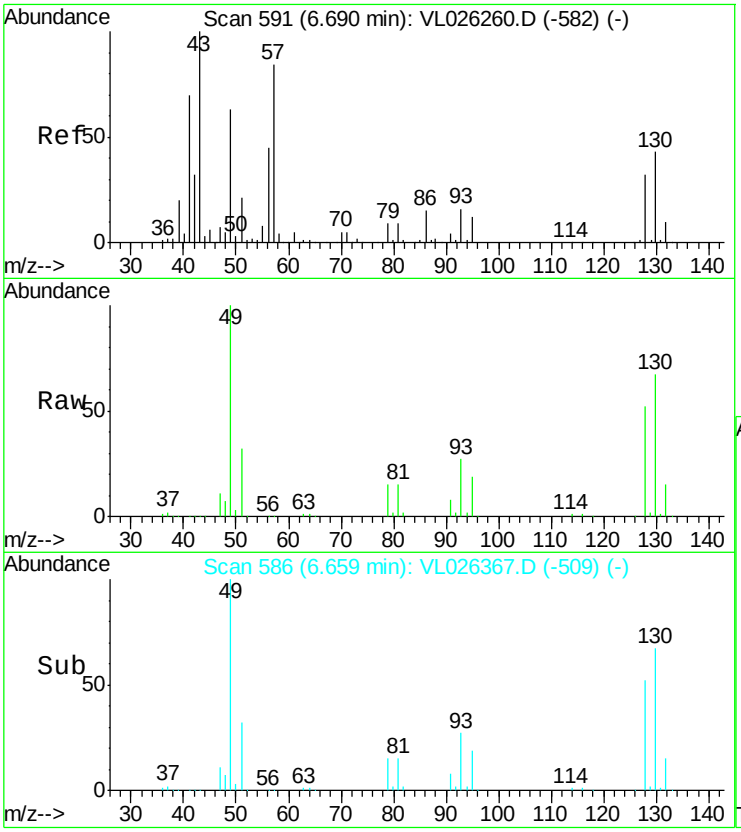
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL111115\
Data File : VL026367.D
Acq On : 11 Nov 2015 16:40
Operator : SY/AP
Sample : G4364-02DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
DIN46INFLUENT110615DL

Quant Time: Nov 12 09:43:07 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



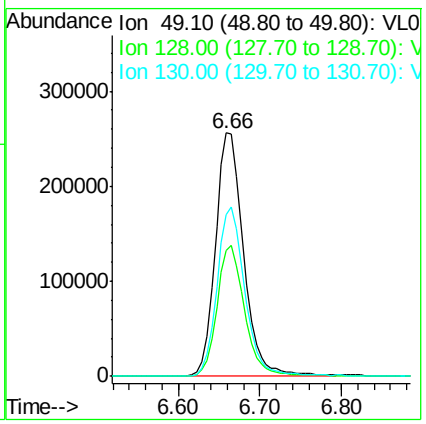


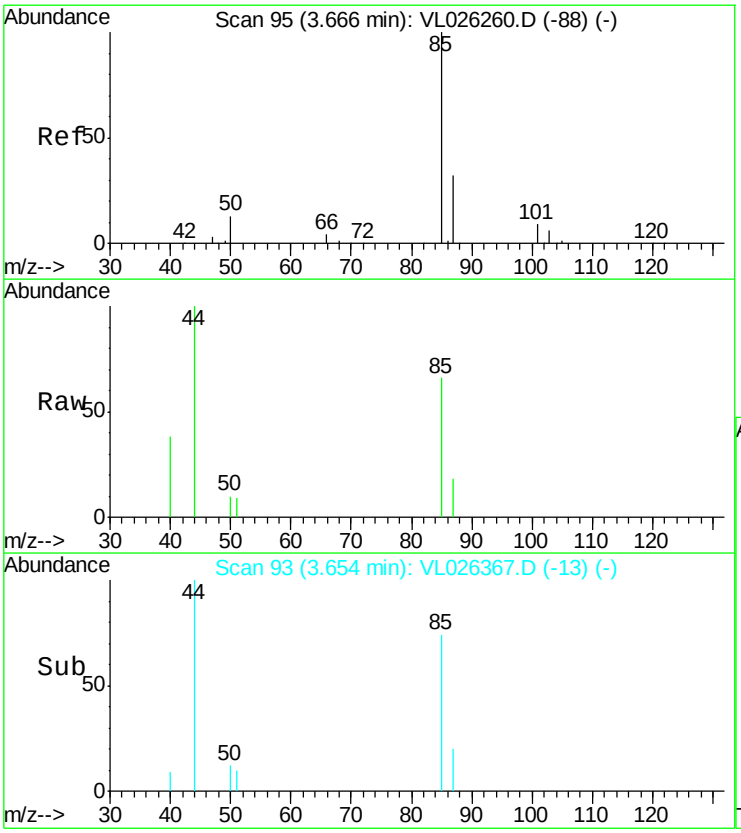
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 6.66 min Scan# 586
Delta R.T. -0.03 min
Lab File: VL026367.D
Acq: 11 Nov 2015 16:40

Instrument :
MSVOA_L
ClientSampleId :
DIN46INFLUENT110615DL

Tgt Ion: 49 Resp: 616493

Ion	Ratio	Lower	Upper
49	100		
128	53.0	26.7	80.1
130	69.4	34.4	103.2

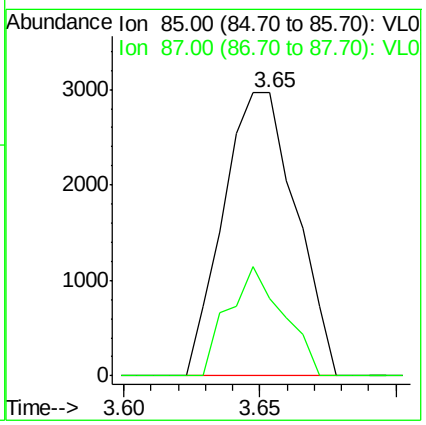


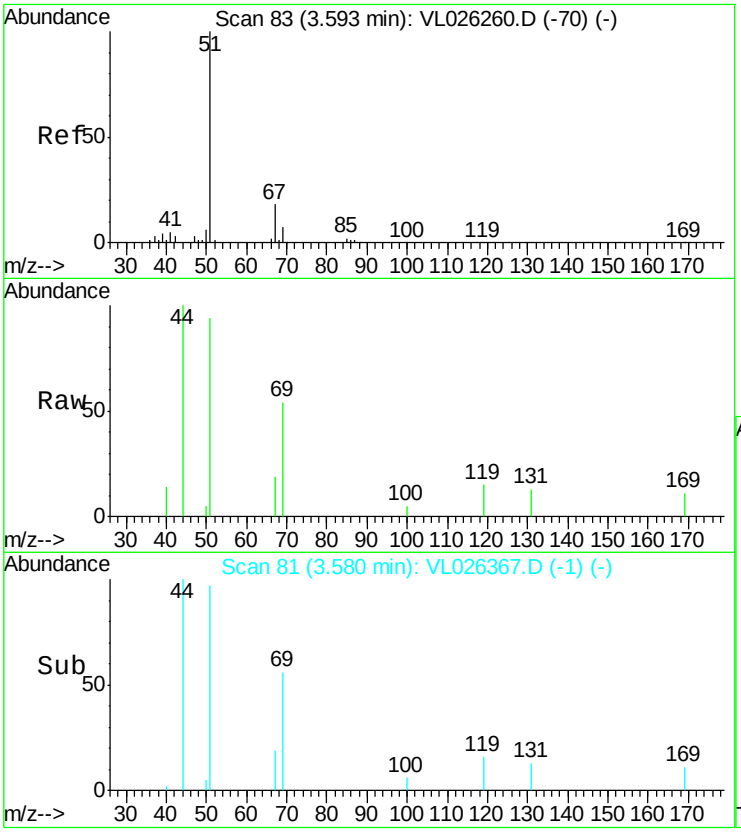


#2
Dichlorodifluoromethane
Concen: 0.04 ppbv
RT: 3.65 min Scan# 93
Delta R.T. -0.01 min
Lab File: VL026367.D
Acq: 11 Nov 2015 16:40

Tgt Ion: 85 Resp: 5491

Ion	Ratio	Lower	Upper
85	100		
87	27.4	25.9	38.9



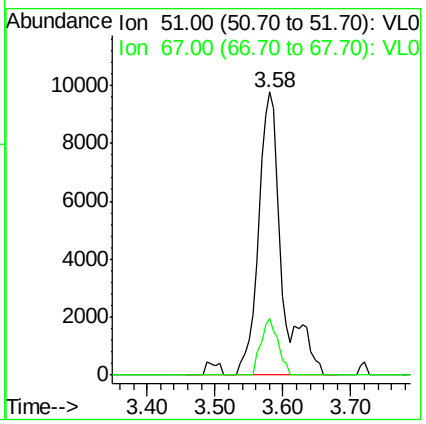


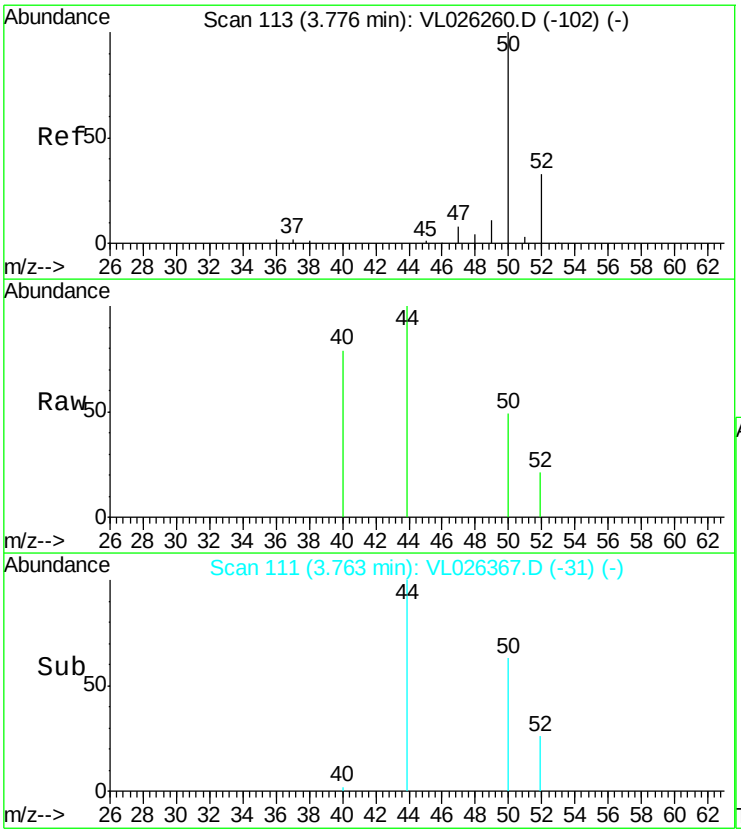
#3
Chlorodifluoromethane
Concen: 0.31 ppbv
RT: 3.58 min Scan# 81
Delta R.T. -0.01 min
Lab File: VL026367.D
Acq: 11 Nov 2015 16:40

Instrument : MSVOA_L
ClientSampleId : DIN46INFLUENT110615DL

Tgt Ion: 51 Resp: 23984

Ion	Ratio	Lower	Upper
51	100		
67	14.2	14.5	21.7#

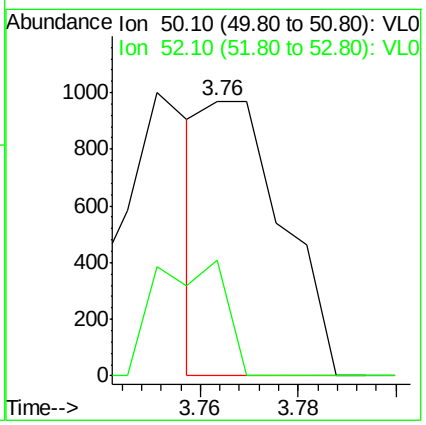


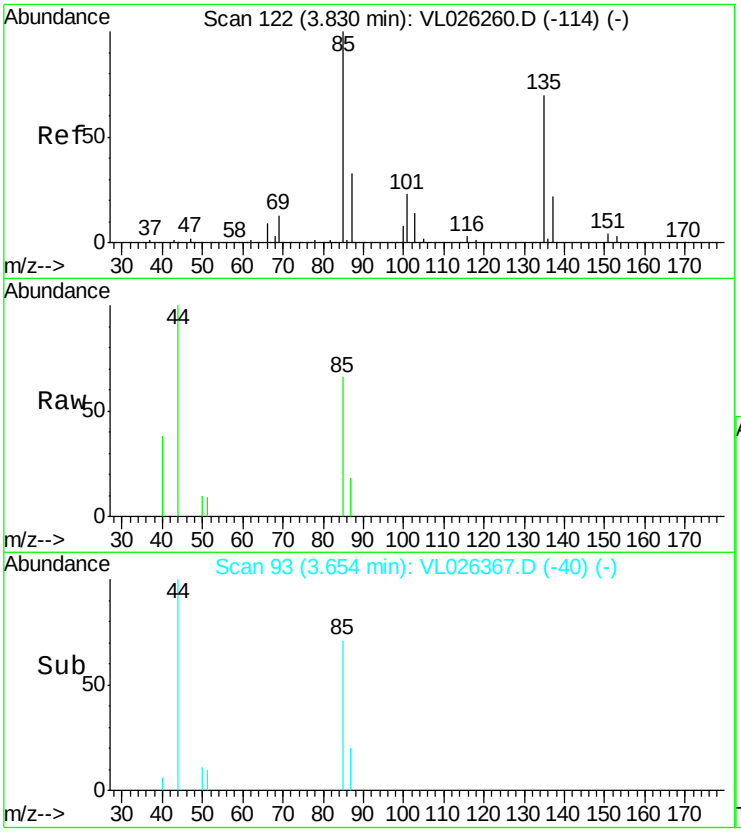


#4
Chloromethane
Concen: 0.02 ppbv
RT: 3.76 min Scan# 111
Delta R.T. -0.01 min
Lab File: VL026367.D
Acq: 11 Nov 2015 16:40

Tgt Ion: 50 Resp: 1076

Ion	Ratio	Lower	Upper
50	100		
52	42.1	26.1	39.1#



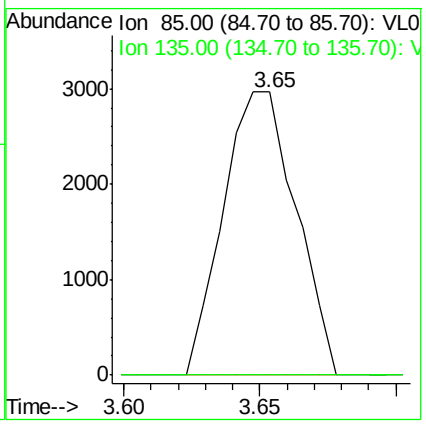


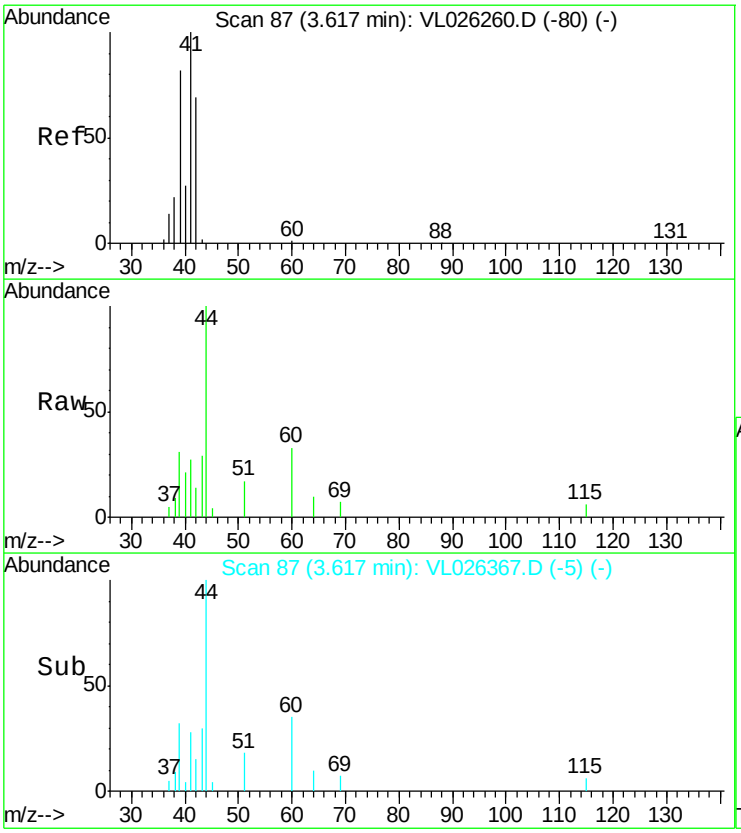
#8
Dichlorotetrafluoroethane
Concen: 0.05 ppbv
RT: 3.65 min Scan# 93
Delta R.T. -0.18 min
Lab File: VL026367.D
Acq: 11 Nov 2015 16:40

Instrument :
MSVOA_L
ClientSampleId :
DIN46INFLUENT110615DL

Tgt Ion: 85 Resp: 5491

Ion	Ratio	Lower	Upper
85	100		
135	0.0	56.6	84.8#

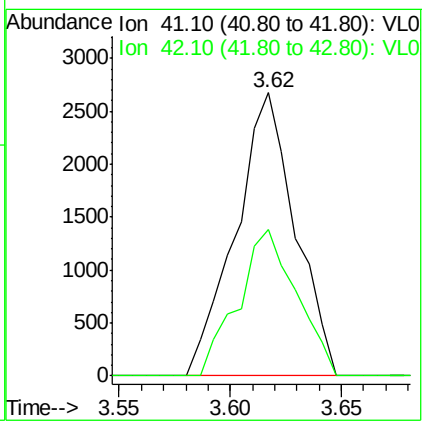


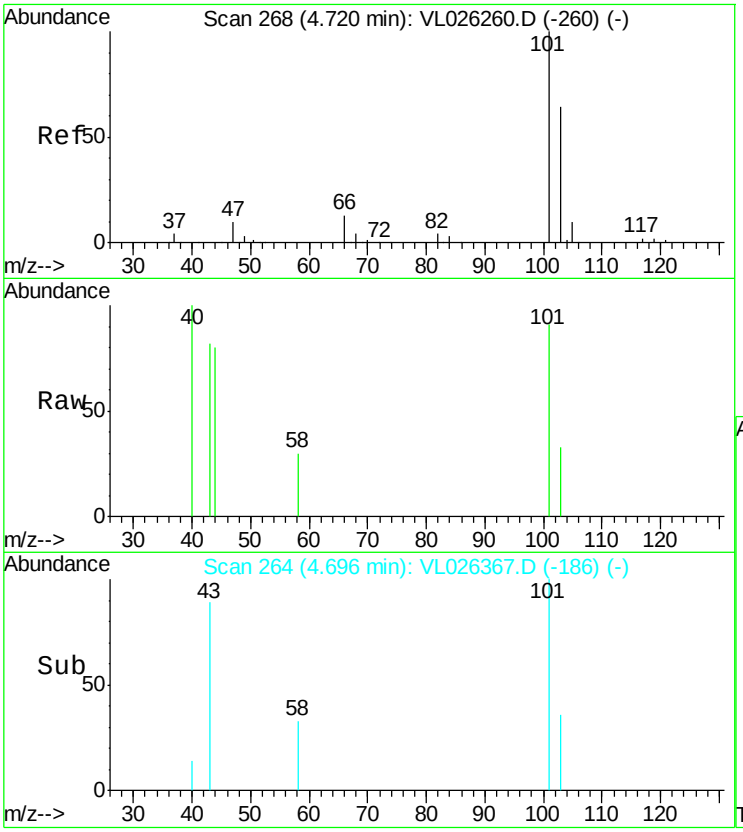


#9
Propene
Concen: 0.13 ppbv
RT: 3.62 min Scan# 87
Delta R.T. -0.00 min
Lab File: VL026367.D
Acq: 11 Nov 2015 16:40

Tgt Ion: 41 Resp: 4987

Ion	Ratio	Lower	Upper
41	100		
42	50.5	54.5	81.7#



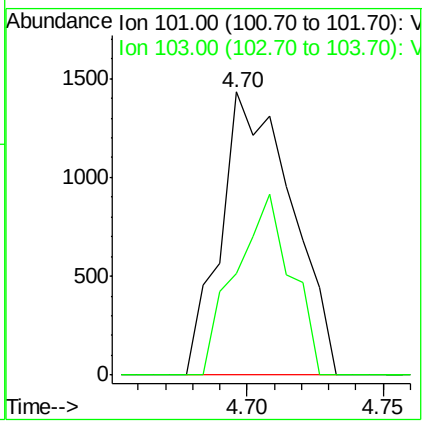


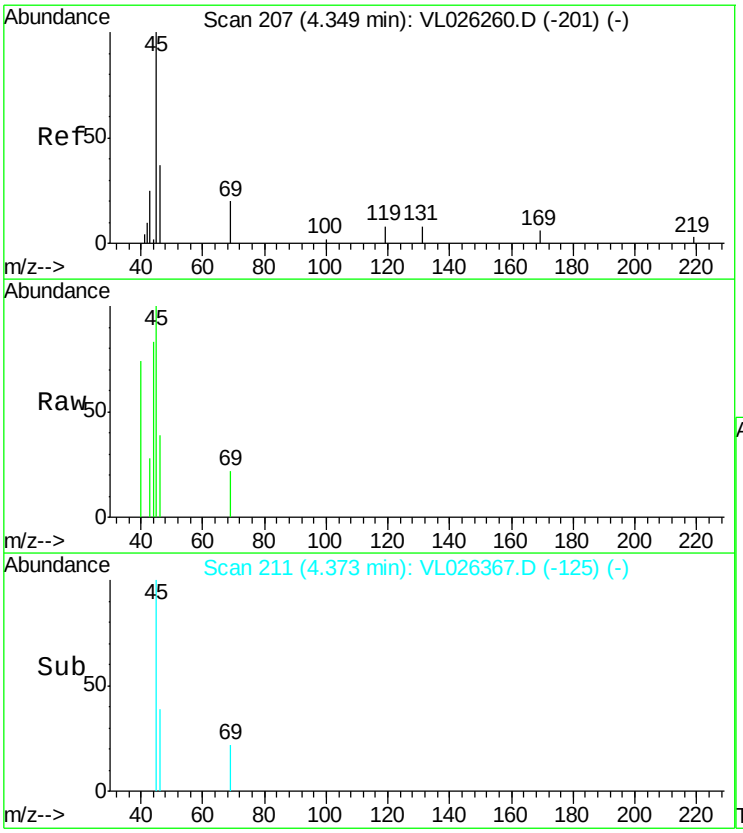
#11
Trichlorofluoromethane
Concen: 0.02 ppbv
RT: 4.70 min Scan# 264
Delta R.T. -0.02 min
Lab File: VL026367.D
Acq: 11 Nov 2015 16:40

Instrument :
MSVOA_L
ClientSampleId :
DIN46INFLUENT110615DL

Tgt Ion:101 Resp: 2580

Ion	Ratio	Lower	Upper
101	100		
103	35.9	51.4	77.0#

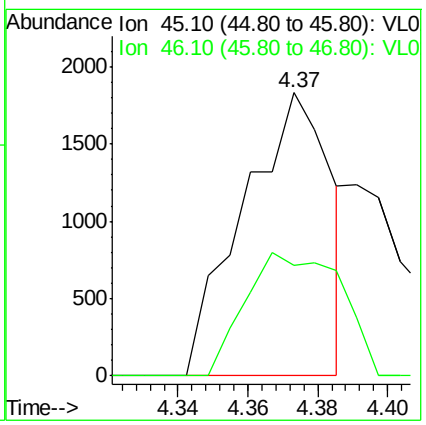


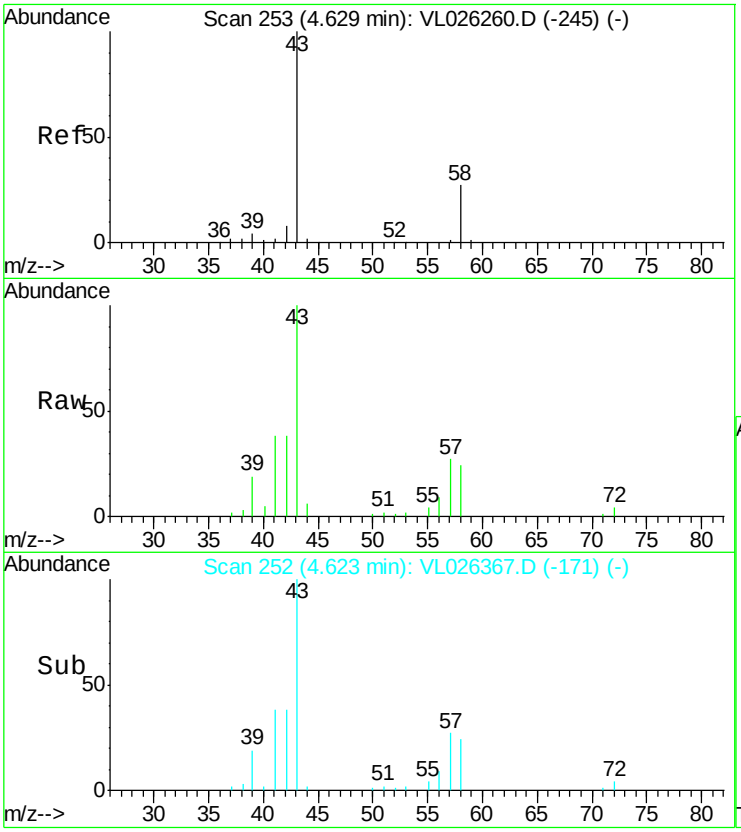


#13
Ethanol
Concen: 0.57 ppbv
RT: 4.37 min Scan# 211
Delta R.T. 0.02 min
Lab File: VL026367.D
Acq: 11 Nov 2015 16:40

Tgt Ion: 45 Resp: 3189

Ion	Ratio	Lower	Upper
45	100		
46	47.7	17.0	68.0



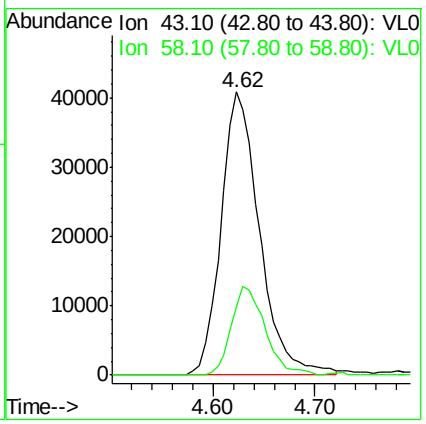


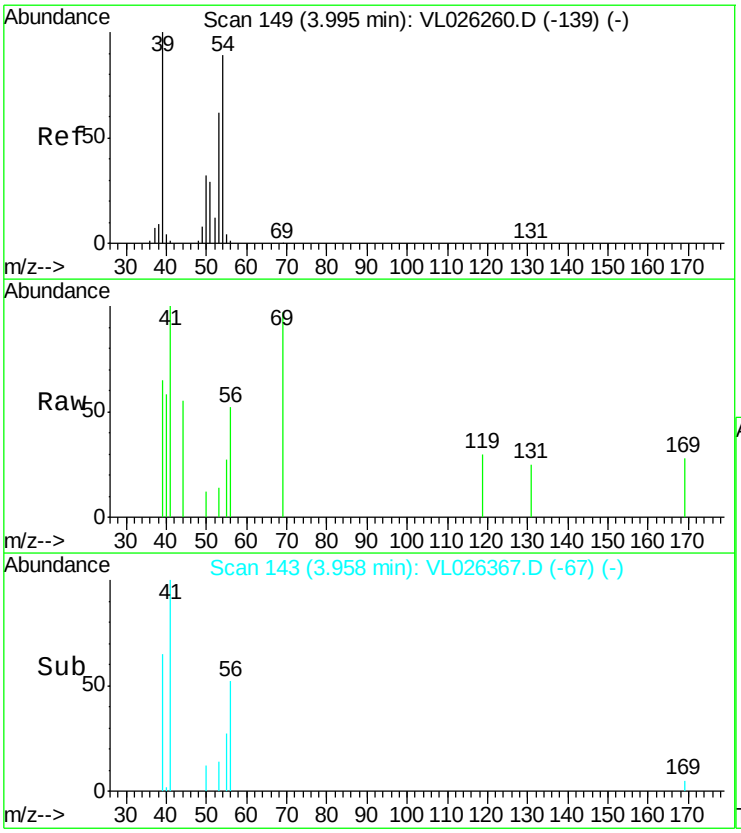
#15
Acetone
Concen: 1.30 ppbv
RT: 4.62 min Scan# 252
Delta R.T. -0.01 min
Lab File: VL026367.D
Acq: 11 Nov 2015 16:40

Instrument :
MSVOA_L
ClientSampleId :
DIN46INFLUENT110615DL

Tgt Ion: 43 Resp: 106463

Ion	Ratio	Lower	Upper
43	100		
58	27.9	22.3	33.5

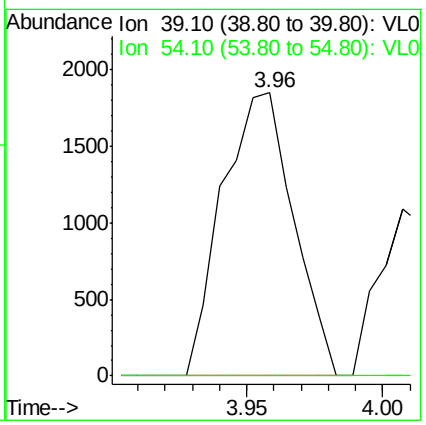


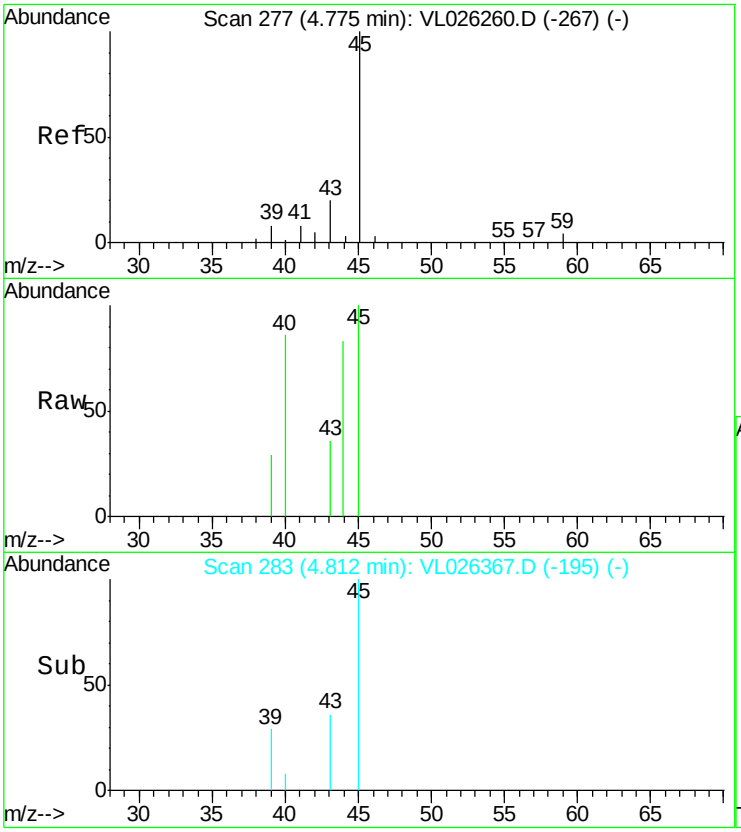


#16
1,3-Butadiene
Concen: 0.08 ppbv
RT: 3.96 min Scan# 143
Delta R.T. -0.04 min
Lab File: VL026367.D
Acq: 11 Nov 2015 16:40

Tgt Ion: 39 Resp: 3353

Ion	Ratio	Lower	Upper
39	100		
54	0.0	67.3	100.9#



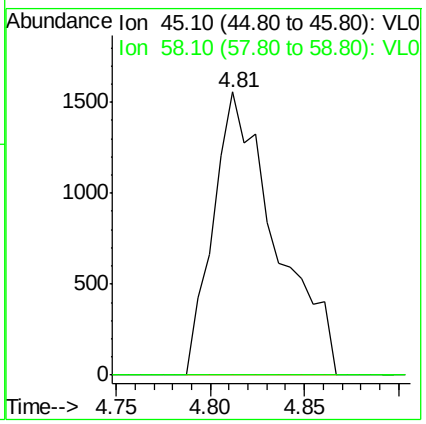


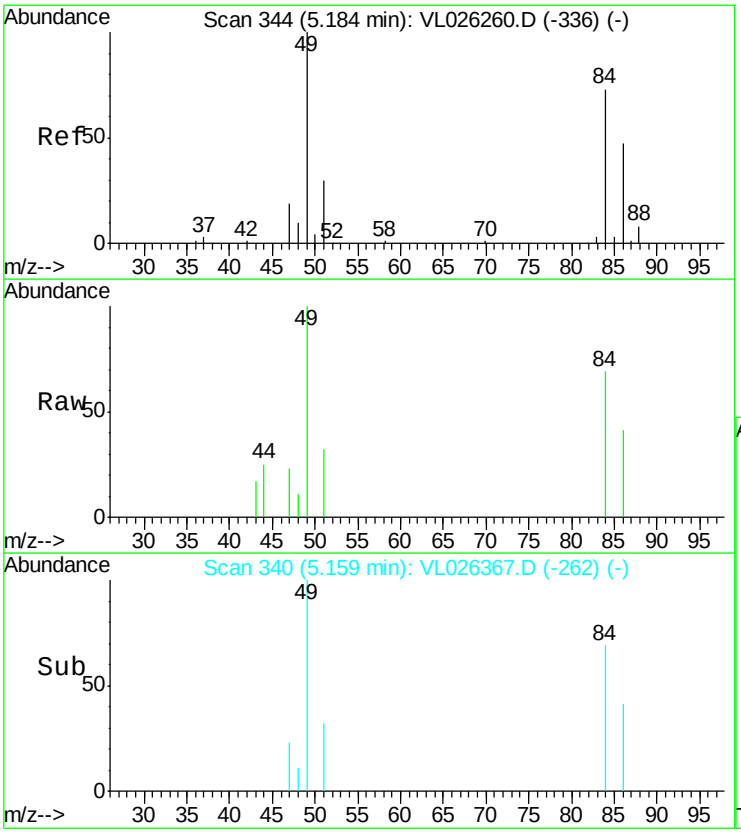
#19
Isopropyl Alcohol
Concen: 0.10 ppbv
RT: 4.81 min Scan# 283
Delta R.T. 0.04 min
Lab File: VL026367.D
Acq: 11 Nov 2015 16:40

Instrument : MSVOA_L
ClientSampleId : DIN46INFLUENT110615DL

Tgt Ion: 45 Resp: 3595

Ion	Ratio	Lower	Upper
45	100		
58	825.5	43.8	65.8#

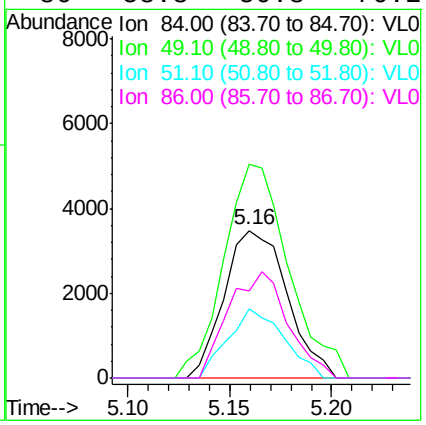


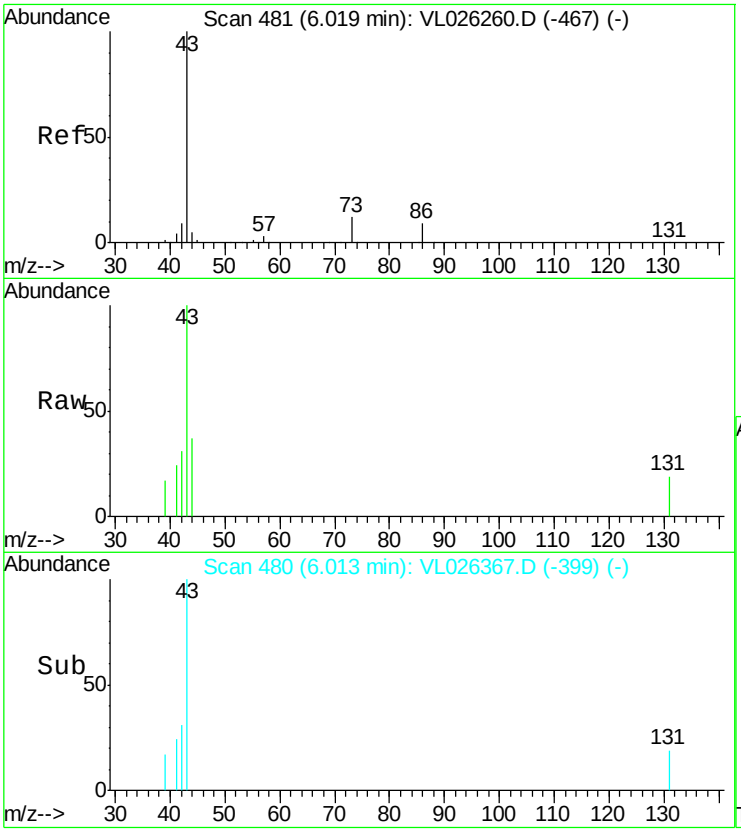


#20
Methylene Chloride
Concen: 0.21 ppbv
RT: 5.16 min Scan# 340
Delta R.T. -0.02 min
Lab File: VL026367.D
Acq: 11 Nov 2015 16:40

Tgt Ion: 84 Resp: 7453

Ion	Ratio	Lower	Upper
84	100		
49	133.7	109.0	163.4
51	46.6	32.8	49.2
86	58.8	50.8	76.2



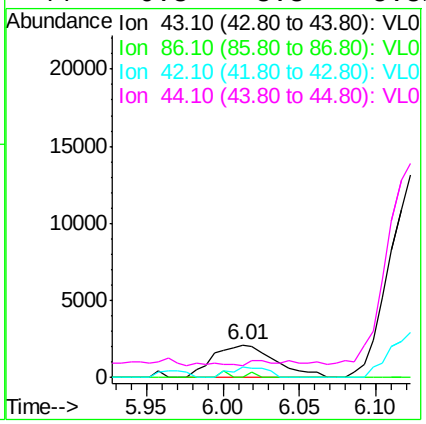


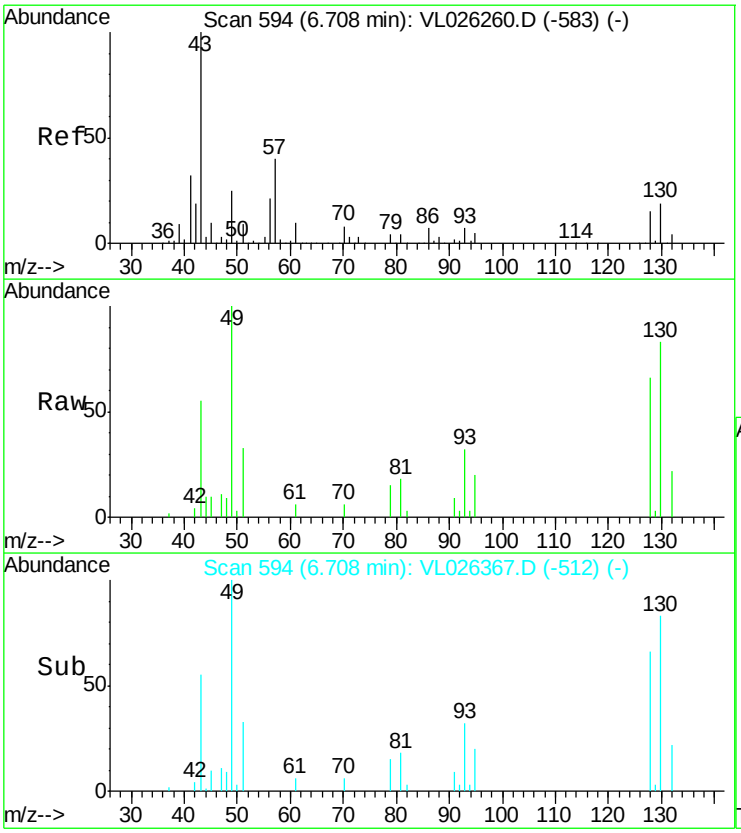
#23
Vinyl Acetate
Concen: 0.04 ppbv
RT: 6.01 min Scan# 480
Delta R.T. -0.01 min
Lab File: VL026367.D
Acq: 11 Nov 2015 16:40

Instrument : MSVOA_L
ClientSampleId : DIN46INFLUENT110615DL

Tgt Ion: 43 Resp: 5885

Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.3	10.9#
42	31.0	7.2	10.8#
44	0.3	3.8	5.8#

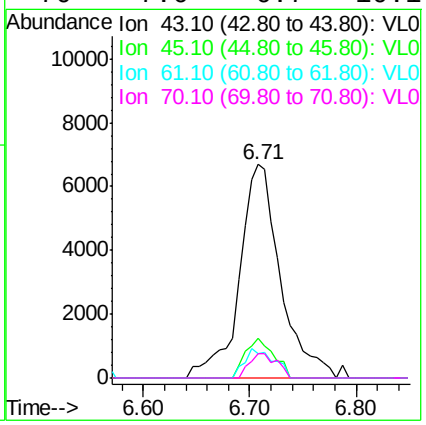


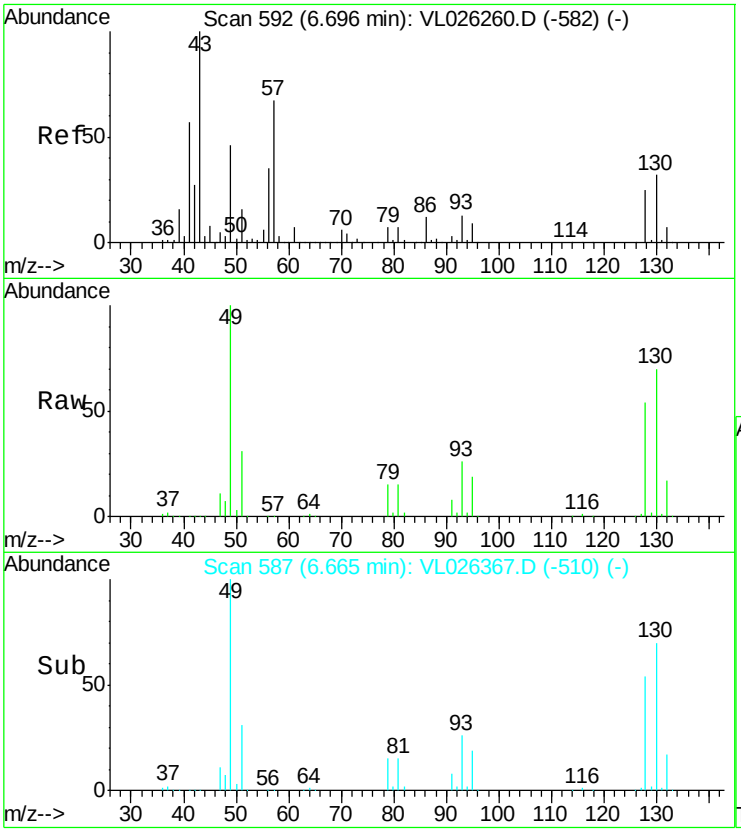


#25
Ethyl Acetate
Concen: 0.11 ppbv
RT: 6.71 min Scan# 594
Delta R.T. 0.00 min
Lab File: VL026367.D
Acq: 11 Nov 2015 16:40

Tgt Ion: 43 Resp: 18081

Ion	Ratio	Lower	Upper
43	100		
45	12.9	7.6	11.4#
61	9.9	7.4	11.2
70	7.6	6.7	10.1



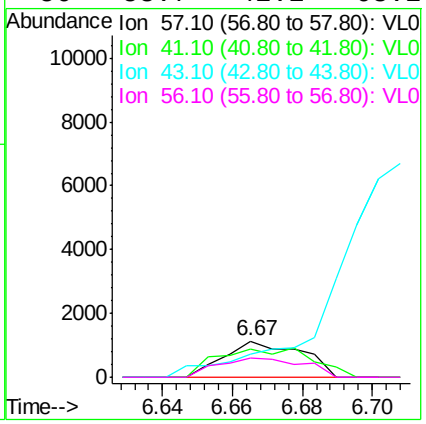


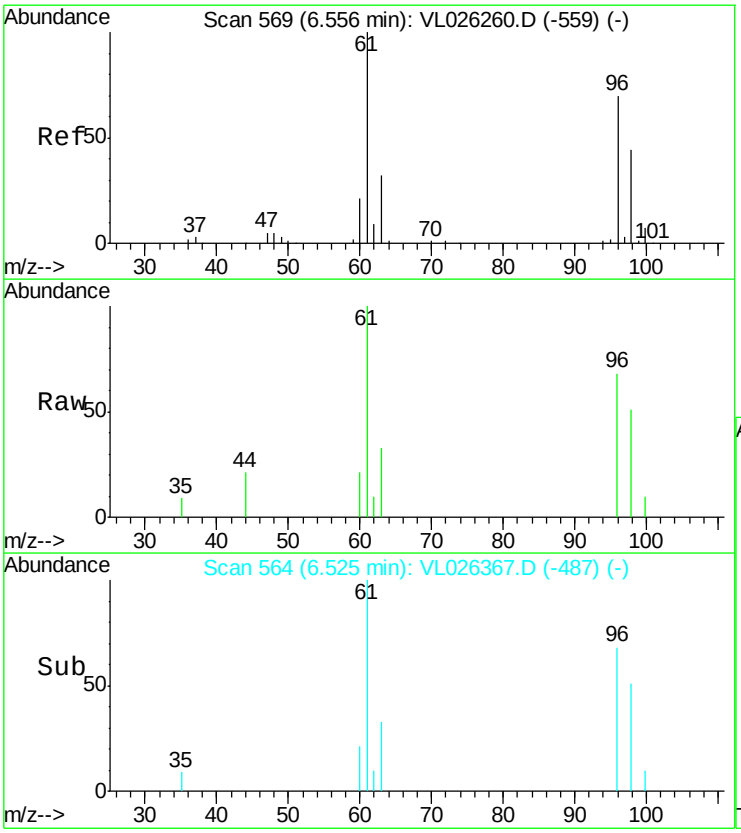
#26
Hexane
Concen: 0.02 ppbv
RT: 6.67 min Scan# 587
Delta R.T. -0.03 min
Lab File: VL026367.D
Acq: 11 Nov 2015 16:40

Instrument :
MSVOA_L
ClientSampleId :
DIN46INFLUENT110615DL

Tgt Ion: 57 Resp: 1740

Ion	Ratio	Lower	Upper
57	100		
41	98.9	67.4	101.2
43	1047.6	163.9	245.9#
56	58.7	42.2	63.2

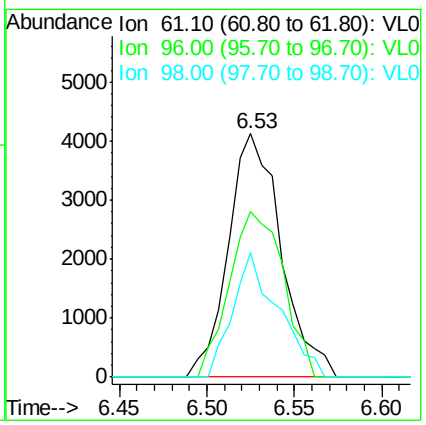


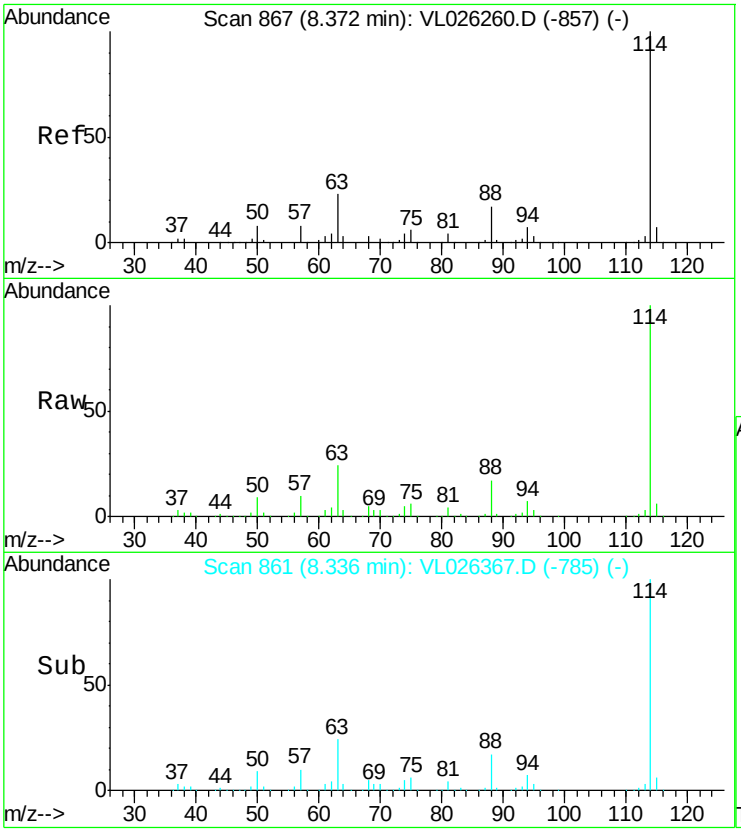


#31
cis-1,2-Dichloroethene
Concen: 0.11 ppbv
RT: 6.53 min Scan# 564
Delta R.T. -0.03 min
Lab File: VL026367.D
Acq: 11 Nov 2015 16:40

Tgt Ion: 61 Resp: 8707

Ion	Ratio	Lower	Upper
61	100		
96	68.0	56.2	84.4
98	51.4	35.4	53.2



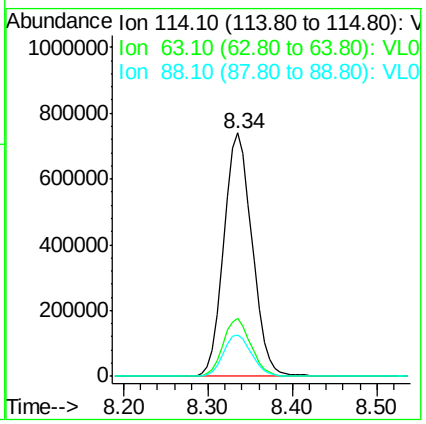


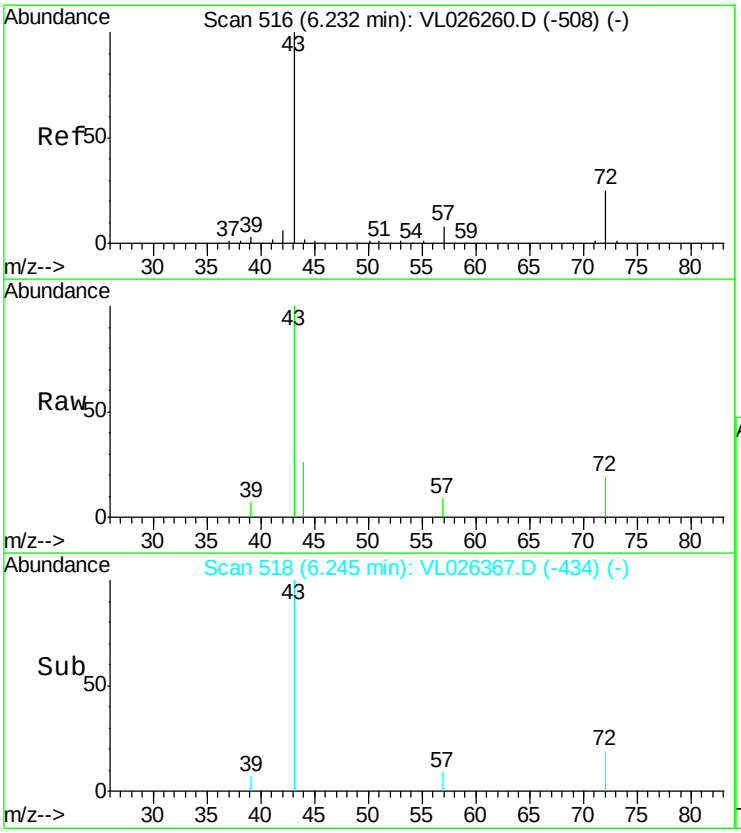
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.34 min Scan# 861
Delta R.T. -0.04 min
Lab File: VL026367.D
Acq: 11 Nov 2015 16:40

Instrument :
MSVOA_L
ClientSampleId :
DIN46INFLUENT110615DL

Tgt Ion:114 Resp: 1695973

Ion	Ratio	Lower	Upper
114	100		
63	23.4	18.6	28.0
88	17.1	13.4	20.2

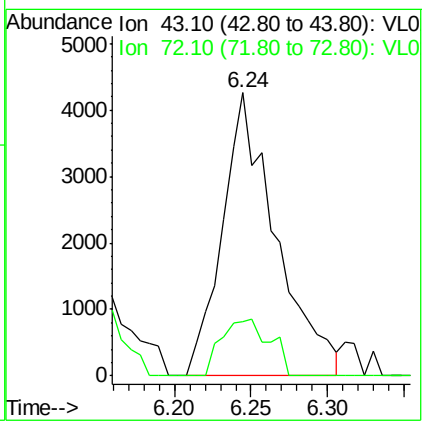


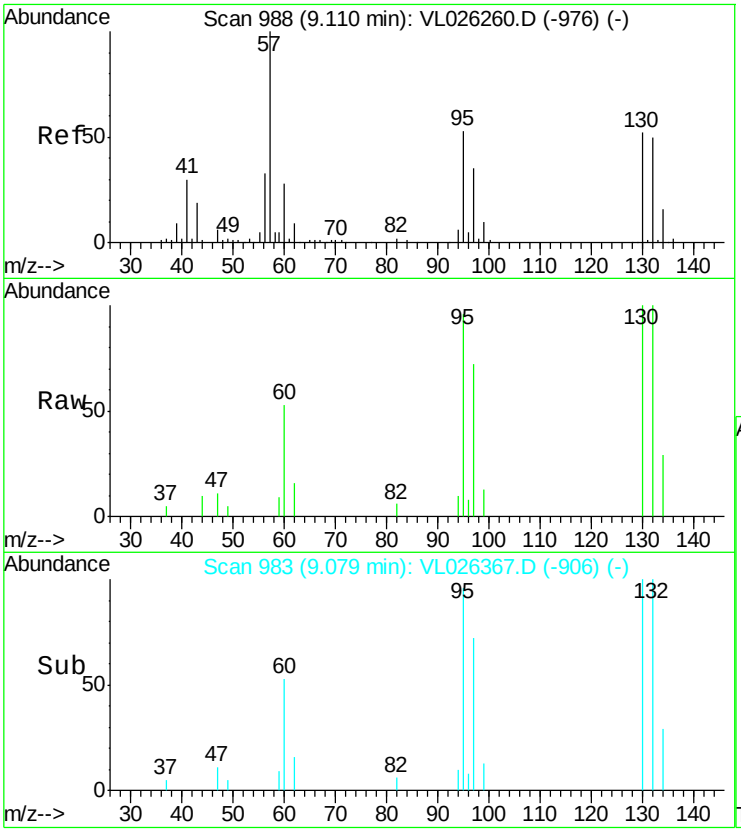


#34
2-Butanone
Concen: 0.10 ppbv
RT: 6.24 min Scan# 518
Delta R.T. 0.01 min
Lab File: VL026367.D
Acq: 11 Nov 2015 16:40

Tgt Ion: 43 Resp: 10365

Ion	Ratio	Lower	Upper
43	100		
72	18.1	19.9	29.9#



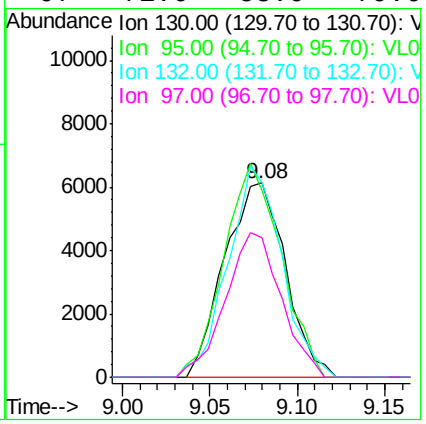


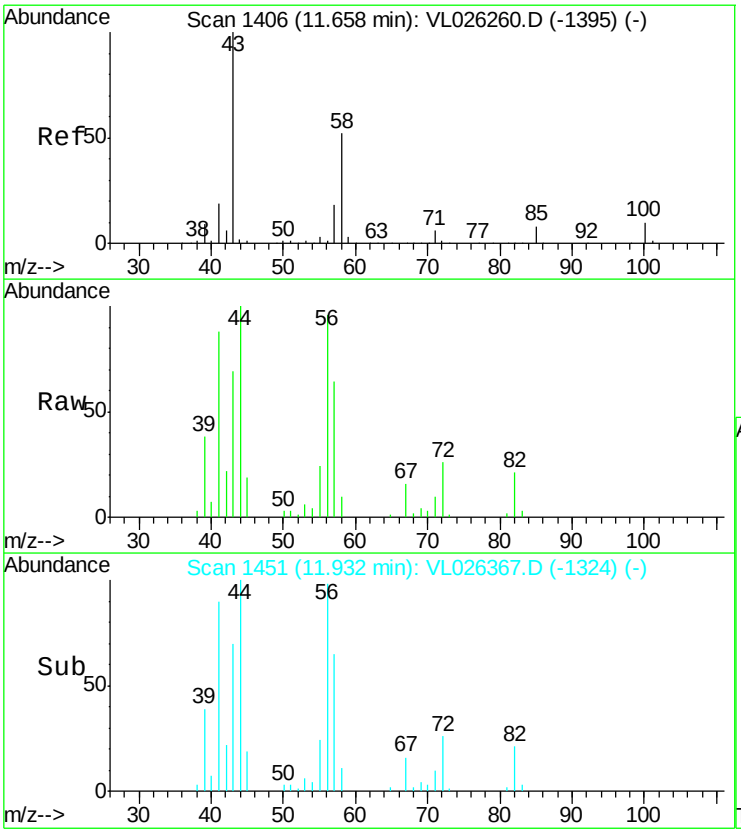
#38
Trichloroethene
Concen: 0.17 ppbv
RT: 9.08 min Scan# 983
Delta R.T. -0.03 min
Lab File: VL026367.D
Acq: 11 Nov 2015 16:40

Instrument :
MSVOA_L
ClientSampleId :
DIN46INFLUENT110615DL

Tgt Ion:130 Resp: 14904

Ion	Ratio	Lower	Upper
130	100		
95	96.1	80.8	121.2
132	99.9	76.2	114.2
97	71.6	53.0	79.6

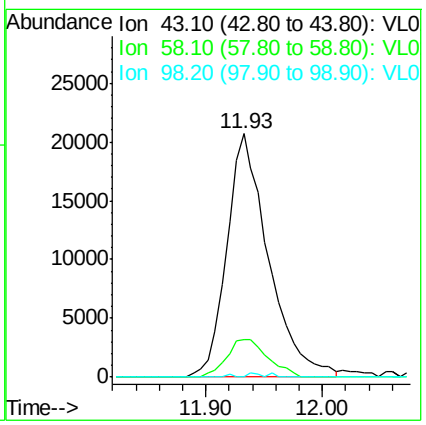


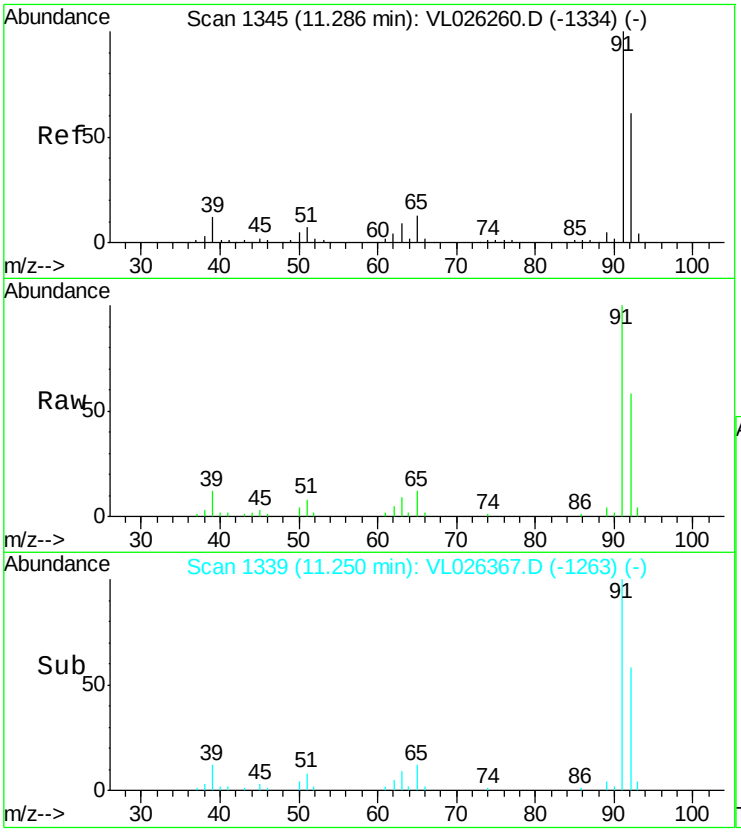


#51
2-Hexanone
Concen: 0.41 ppbv
RT: 11.93 min Scan# 1451
Delta R.T. 0.27 min
Lab File: VL026367.D
Acq: 11 Nov 2015 16:40

Tgt Ion: 43 Resp: 51431

Ion	Ratio	Lower	Upper
43	100		
58	15.3	42.7	64.1#
98	0.0	0.0	0.0



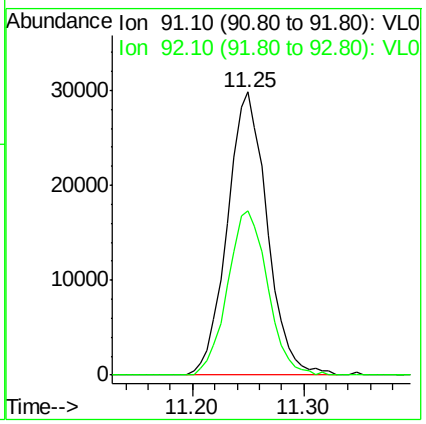


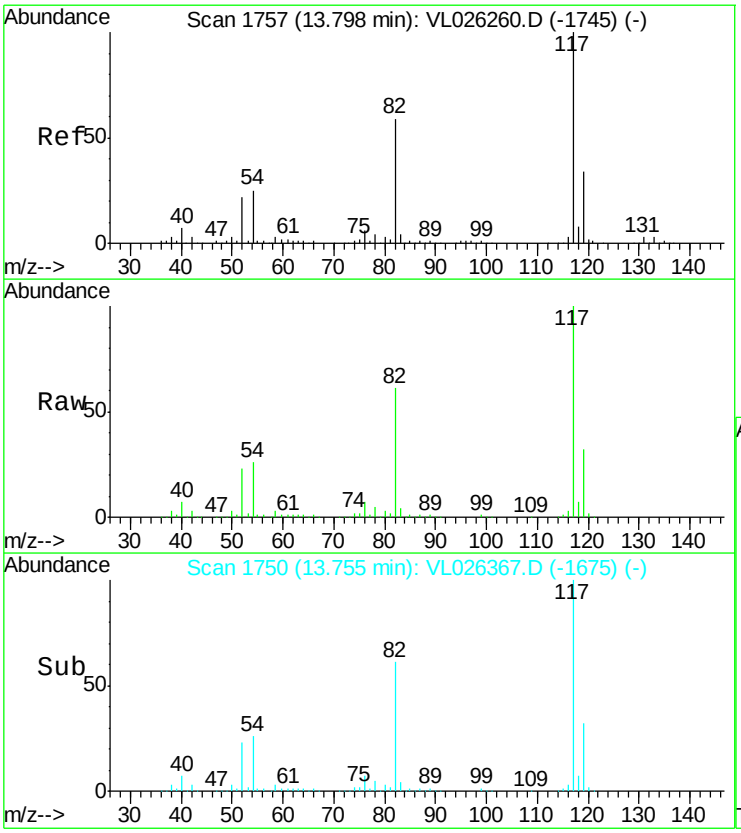
#53
Toluene
Concen: 0.32 ppbv
RT: 11.25 min Scan# 1339
Delta R.T. -0.04 min
Lab File: VL026367.D
Acq: 11 Nov 2015 16:40

Instrument : MSVOA_L
ClientSampleId : DIN46INFLUENT110615DL

Tgt Ion: 91 Resp: 74030

Ion	Ratio	Lower	Upper
91	100		
92	58.1	48.6	73.0

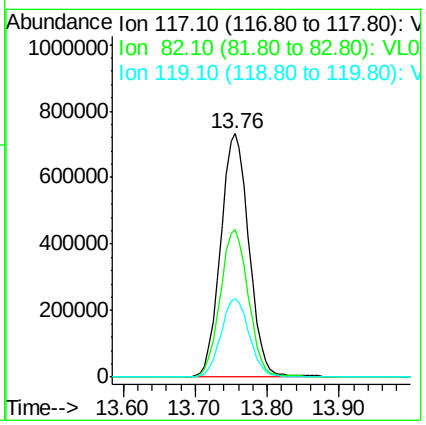


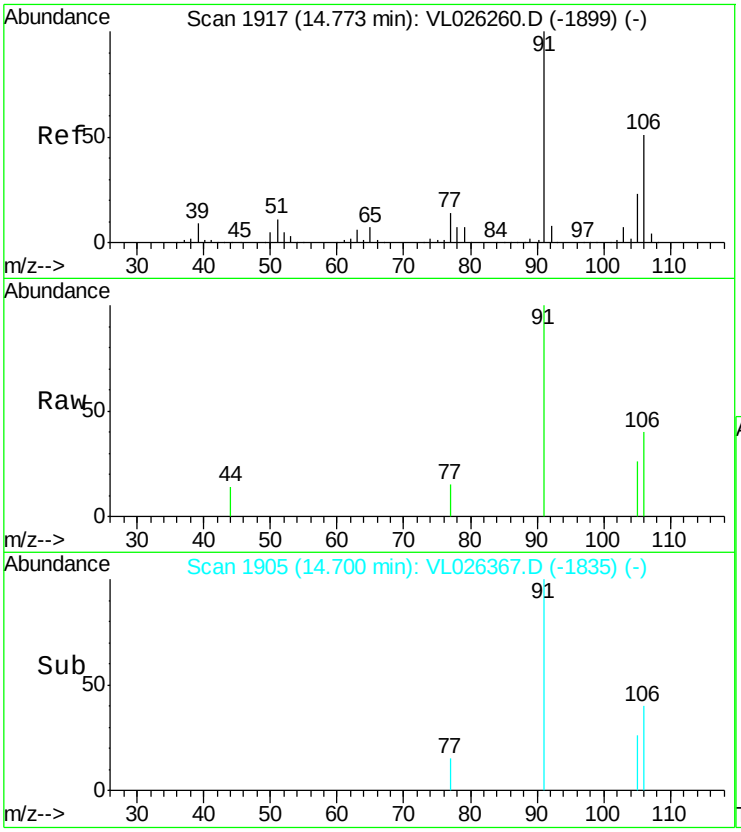


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.76 min Scan# 1750
Delta R.T. -0.04 min
Lab File: VL026367.D
Acq: 11 Nov 2015 16:40

Tgt Ion:117 Resp: 2005307

Ion	Ratio	Lower	Upper
117	100		
82	0.0	48.2	72.4#
119	32.5	46.2	69.2#



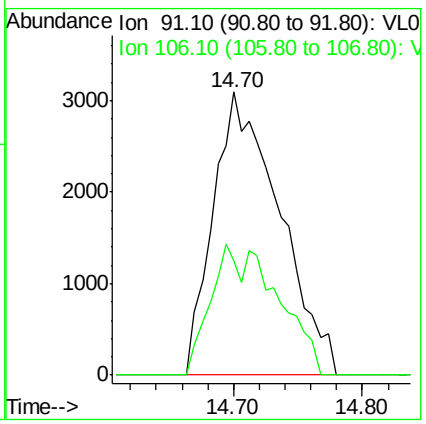


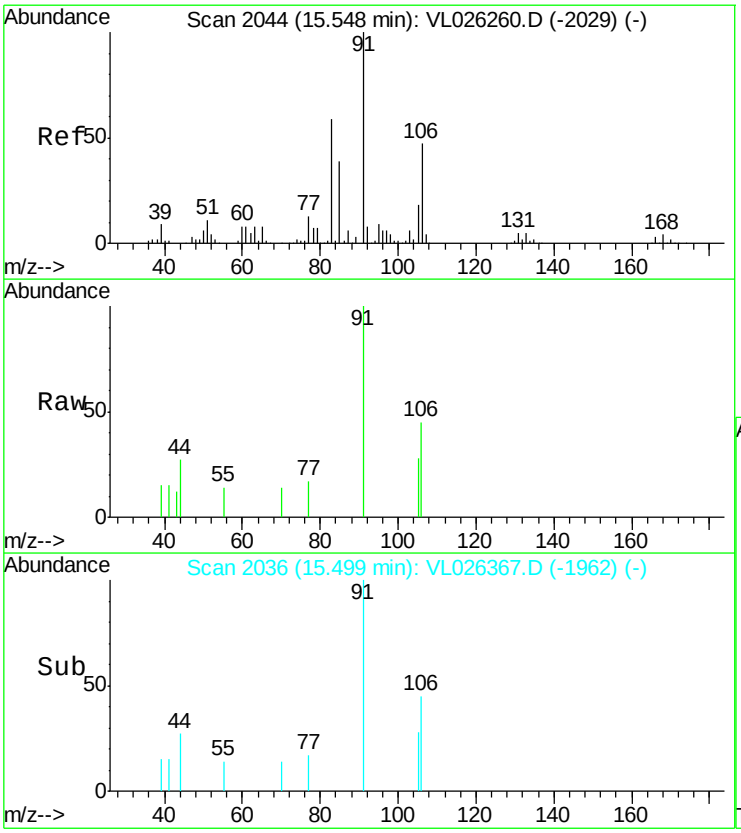
#59
m/p-Xylene
Concen: 0.04 ppbv
RT: 14.70 min Scan# 1905
Delta R.T. -0.07 min
Lab File: VL026367.D
Acq: 11 Nov 2015 16:40

Instrument : MSVOA_L
ClientSampleId : DIN46INFLUENT110615DL

Tgt Ion: 91 Resp: 11066

Ion	Ratio	Lower	Upper
91	100		
106	46.3	0.0	0.0#

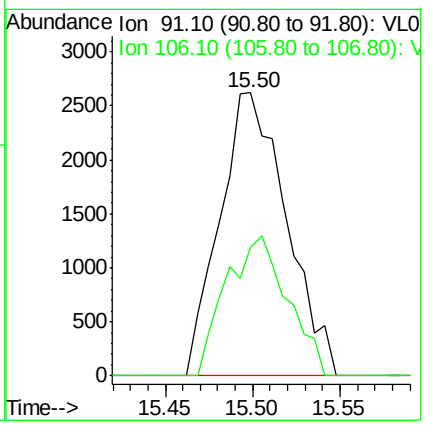


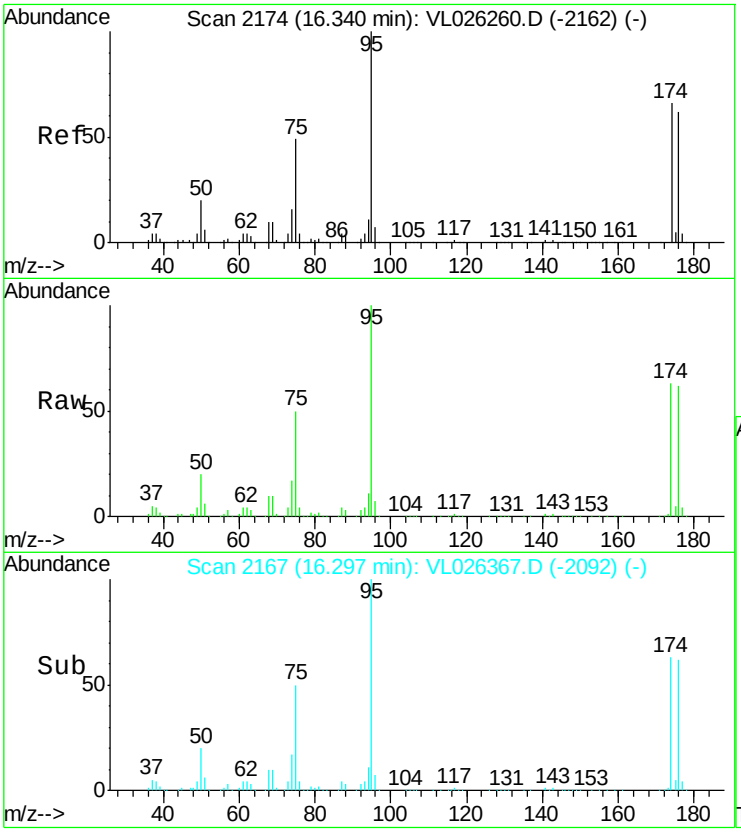


#60
o-Xylene
Concen: 0.03 ppbv
RT: 15.50 min Scan# 2036
Delta R.T. -0.05 min
Lab File: VL026367.D
Acq: 11 Nov 2015 16:40

Tgt Ion: 91 Resp: 6978

Ion	Ratio	Lower	Upper
91	100		
106	45.4	23.6	70.8



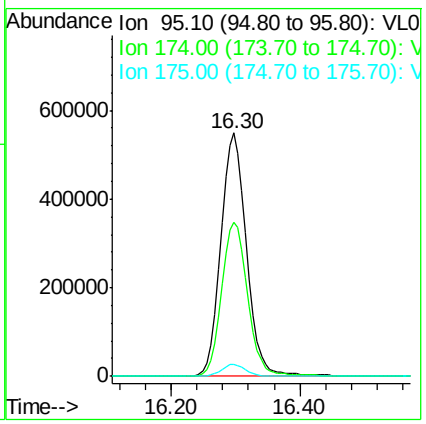


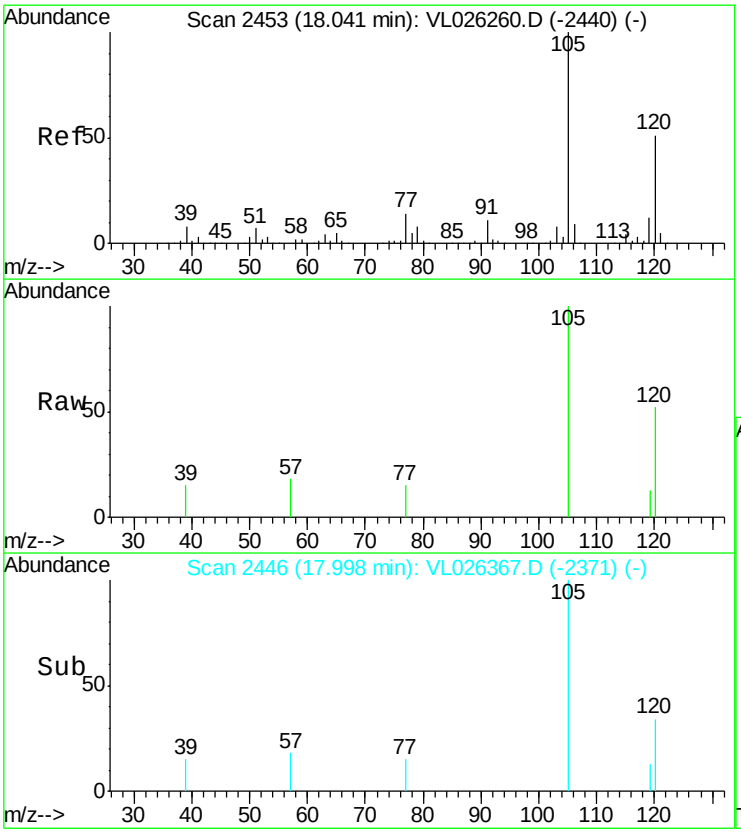
#68
1-Bromo-4-Fluorobenzene
Concen: 10.18 ppbv
RT: 16.30 min Scan# 2167
Delta R.T. -0.04 min
Lab File: VL026367.D
Acq: 11 Nov 2015 16:40

Instrument :
MSVOA_L
ClientSampleId :
DIN46INFLUENT110615DL

Tgt Ion: 95 Resp: 1547922

Ion	Ratio	Lower	Upper
95	100		
174	64.6	52.9	79.3
175	4.7	3.8	5.8

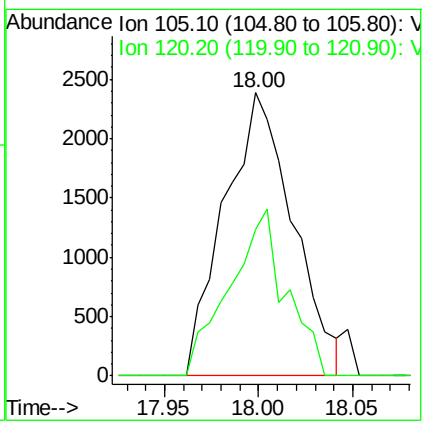


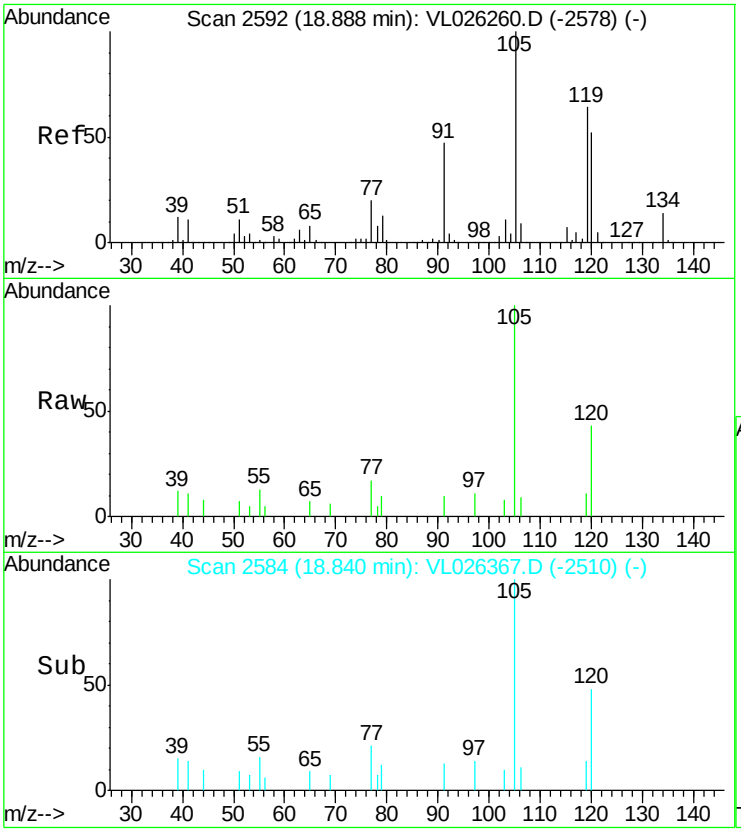


#73
1,3,5-Trimethylbenzene
Concen: 0.02 ppbv
RT: 18.00 min Scan# 2446
Delta R.T. -0.04 min
Lab File: VL026367.D
Acq: 11 Nov 2015 16:40

Tgt Ion:105 Resp: 6025

Ion	Ratio	Lower	Upper
105	100		
120	51.7	40.6	61.0



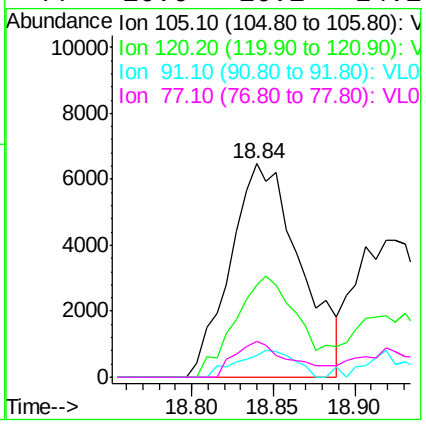


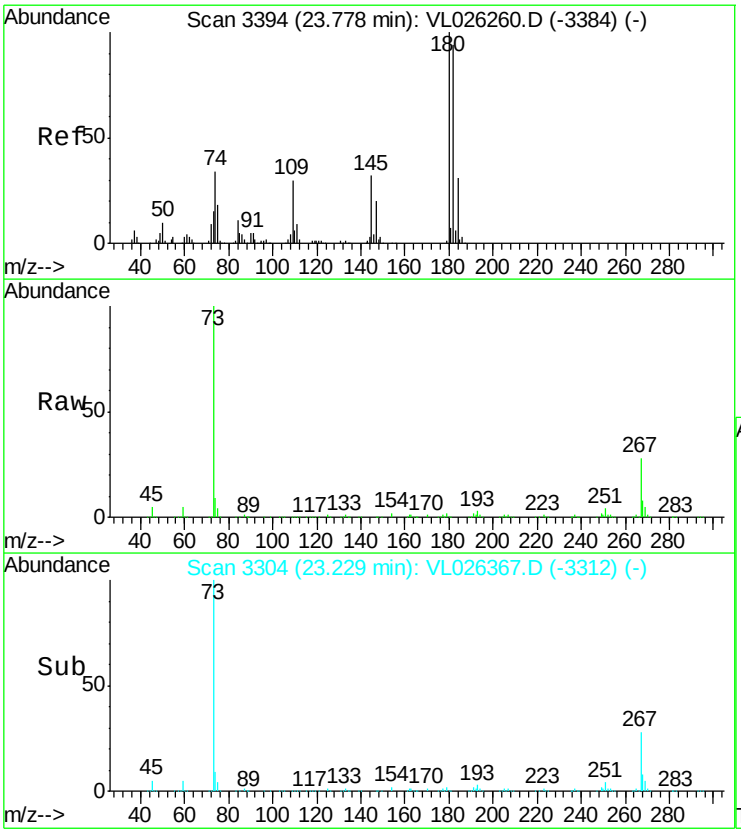
#74
1,2,4-Trimethylbenzene
Concen: 0.06 ppbv
RT: 18.84 min Scan# 2584
Delta R.T. -0.05 min
Lab File: VL026367.D
Acq: 11 Nov 2015 16:40

Instrument :
MSVOA_L
ClientSampleId :
DIN46INFLUENT110615DL

Tgt Ion:105 Resp: 19342

Ion	Ratio	Lower	Upper
105	100		
120	43.5	41.2	61.8
91	10.5	37.8	56.8#
77	16.6	16.1	24.1





#81
1,2,4-Trichlorobenzene
Concen: 0.02 ppbv
RT: 23.23 min Scan# 3304
Delta R.T. -0.55 min
Lab File: VL026367.D
Acq: 11 Nov 2015 16:40

Tgt Ion:180 Resp: 2286

Ion	Ratio	Lower	Upper
180	100		
182	0.0	76.0	114.0#
184	0.0	24.2	36.4#