Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\Data\VL102015\
Data File : VL026214.D
Acq On : 20 Oct 2015 17:10
Operator : SY/MD
Sample : VSTDICCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Oct 20 17:44:49 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL102015AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Oct 20 17:08:57 2015
QLast Update : Tue Oct 20 17:08:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.64	49	554079	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	8.31	114	1734681	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.73	117	2592506	10.00	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	16.27	95	1663897	8.32	ppbv	0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 83.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.63	85	1176242	10.33	ppbv	99
3) Chlorodifluoromethane	3.56	51	646017	9.22	ppbv	99
4) Chloromethane	3.73	50	368444	9.78	ppbv	100
5) Vinyl Chloride	3.87	62	385972	9.68	ppbv	98
6) Bromomethane	4.13	94	281068	9.80	ppbv	99
7) Chloroethane	4.23	64	166885	9.95	ppbv	96
8) Dichlorotetrafluoroethane	3.79	85	953625	9.66	ppbv	100
9) Propene	3.58	41	309620	9.47	ppbv	99
10) Heptane	9.34	43	1054034	9.54	ppbv	100
11) Trichlorofluoromethane	4.68	101	1132548	10.09	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	5.29	101	769666	10.01	ppbv	100
13) Ethanol	4.31	45	49070	9.99	ppbv	99
14) Bromoethene	4.43	108	321851	9.89	ppbv	99
15) Acetone	4.59	43	675167	8.18	ppbv	98
16) 1,3-Butadiene	3.95	39	348606	9.58	ppbv	100
17) tert-Butyl alcohol	5.11	59	651176	11.84	ppbv	100
18) 1,1-Dichloroethene	5.07	96	351739	10.07	ppbv	95
19) Isopropyl Alcohol	4.73	45	365220	11.52	ppbv	96
20) Methylene Chloride	5.14	84	318157	9.72	ppbv	99
21) Allyl Chloride	5.21	41	534281	9.96	ppbv	98
22) trans-1,2-Dichloroethene	5.74	96	442191	9.86	ppbv	100
23) Vinyl Acetate	5.96	43	1480485	9.71	ppbv	98
24) 1,1-Dichloroethane	5.89	63	926199	9.79	ppbv	100
25) Ethyl Acetate	6.65	43	1471921	9.63	ppbv	100
26) Hexane	6.64	57	724957	9.40	ppbv	96
27) Carbon Disulfide	5.37	76	1006630	10.27	ppbv	100
28) Methyl tert-Butyl Ether	5.93	73	1364597	9.84	ppbv	98
29) Chloroform	6.73	83	1099733	9.95	ppbv	100
30) Cyclohexane	8.26	84	739594	9.64	ppbv	99
31) cis-1,2-Dichloroethene	6.50	61	688417	9.95	ppbv	97
32) 1,1,1-Trichloroethane	7.58	97	1177741	9.59	ppbv	100
34) 2-Butanone	6.18	43	916649	9.39	ppbv	100
35) Carbon Tetrachloride	8.15	117	1232164	9.37	ppbv	96
36) Benzene	8.01	78	1655681	9.39	ppbv	99
37) 1,2-Dichloroethane	7.35	62	890247	9.88	ppbv	99
38) Trichloroethene	9.05	130	695759	8.14	ppbv	97
39) 1,2-Dichloropropane	8.81	63	586034	9.47	ppbv	98
40) 1,4-Dioxane	9.10	88	154307	13.43	ppbv	92
41) Tetrahydrofuran	7.10	42	538377	9.51	ppbv	99
42) Bromodichloromethane	9.01	83	1259409	9.68	ppbv	99
43) Methyl Methacrylate	9.25	69	638085	9.98	ppbv	99

Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\Data\VL102015\
Data File : VL026214.D
Acq On : 20 Oct 2015 17:10
Operator : SY/MD
Sample : VSTDICCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Oct 20 17:44:49 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL102015AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Oct 20 17:08:57 2015
QLast Update : Tue Oct 20 17:08:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	9.07	57	2613473	9.18	ppbv		99
45) t-1,3-Dichloropropene	10.63	75	1017787	10.21	ppbv		99
46) cis-1,3-Dichloropropene	10.00	75	1157683	9.91	ppbv		99
47) 1,1,2-Trichloroethane	10.86	97	755557	9.76	ppbv		99
48) Dibromochloromethane	11.79	129	1249135	9.89	ppbv		100
49) Bromoform	14.80	173	1071201	10.05	ppbv		100
50) 4-Methyl-2-Pentanone	10.07	43	1303861	9.90	ppbv		100
51) 2-Hexanone	11.60	43	1253064	10.27	ppbv	#	99
52) Tetrachloroethene	12.77	164	775303	7.70	ppbv		99
53) Toluene	11.22	91	2252637	9.44	ppbv		100
54) 1,2-Dibromoethane	12.13	107	1165987	9.73	ppbv		100
56) 1,1,1,2-Tetrachloroethane	13.77	131	904011	7.28	ppbv		99
57) Chlorobenzene	13.80	112	1885924	7.62	ppbv		100
58) Ethyl Benzene	14.40	91	3260522	7.79	ppbv		100
59) m/p-Xylene	14.69	91	4999278	15.22	ppbv		100
60) o-Xylene	15.47	91	2552976	7.43	ppbv		99
61) Styrene	15.29	104	1299403	8.38	ppbv		100
62) Isopropylbenzene	16.53	105	3664559	7.68	ppbv		100
63) 1,1,2,2-Tetrachloroethane	15.47	83	1648629	7.26	ppbv		100
64) n-propylbenzene	17.50	120	1024791	7.82	ppbv		100
65) tert-Butylbenzene	18.80	119	3196393	7.33	ppbv		100
66) Benzyl Chloride	19.08	91	1484683	8.25	ppbv		100
67) sec-Butylbenzene	19.39	105	4624751	7.63	ppbv		100
69) p-Isopropyltoluene	19.77	119	3871218	7.63	ppbv		100
70) n-Butylbenzene	20.74	91	3590042	7.76	ppbv		99
71) 2-Chlorotoluene	17.41	91	2748755	7.83	ppbv		100
72) 4-Ethyltoluene	17.80	105	3141499	7.87	ppbv		100
73) 1,3,5-Trimethylbenzene	17.97	105	2907451	7.81	ppbv		99
74) 1,2,4-Trimethylbenzene	18.82	105	2832896	7.33	ppbv		99
75) 1,3-Dichlorobenzene	19.10	146	1907998	7.57	ppbv		100
76) 1,4-Dichlorobenzene	19.25	146	2017483	7.67	ppbv		100
77) 1,2-Dichlorobenzene	20.01	146	1952129	7.70	ppbv		99
78) Hexachloro-1,3-Butadiene	24.66	225	891233	7.54	ppbv		99
79) Naphthalene	23.91	128	2674814	8.81	ppbv		99
80) Naphthalene,2-methyl-	26.03	142	836731	13.57	ppbv		99
81) 1,2,4-Trichlorobenzene	23.72	180	1227159	8.28	ppbv		100

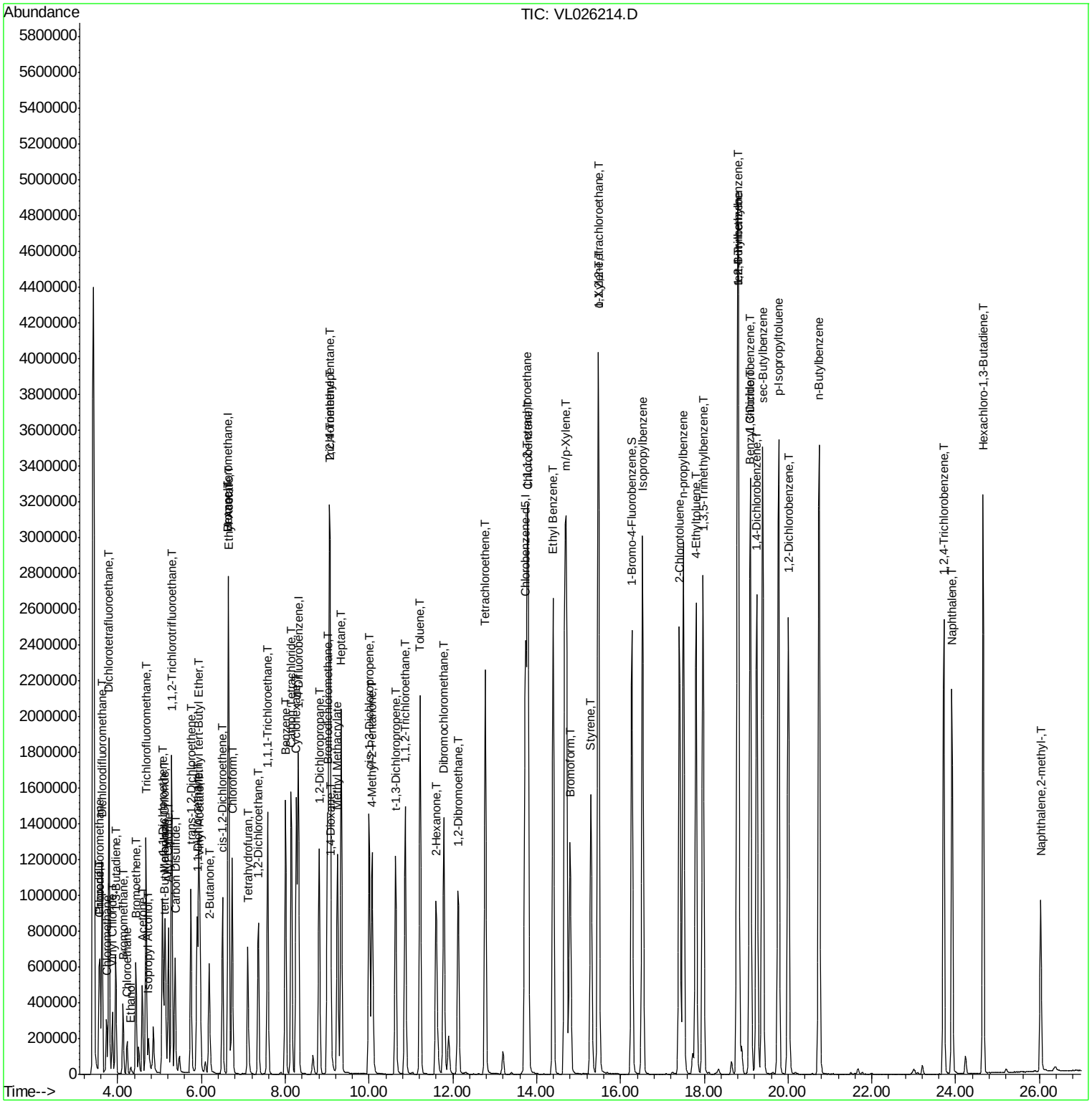
(#) = qualifier out of range (m) = manual integration (+) = signals summed

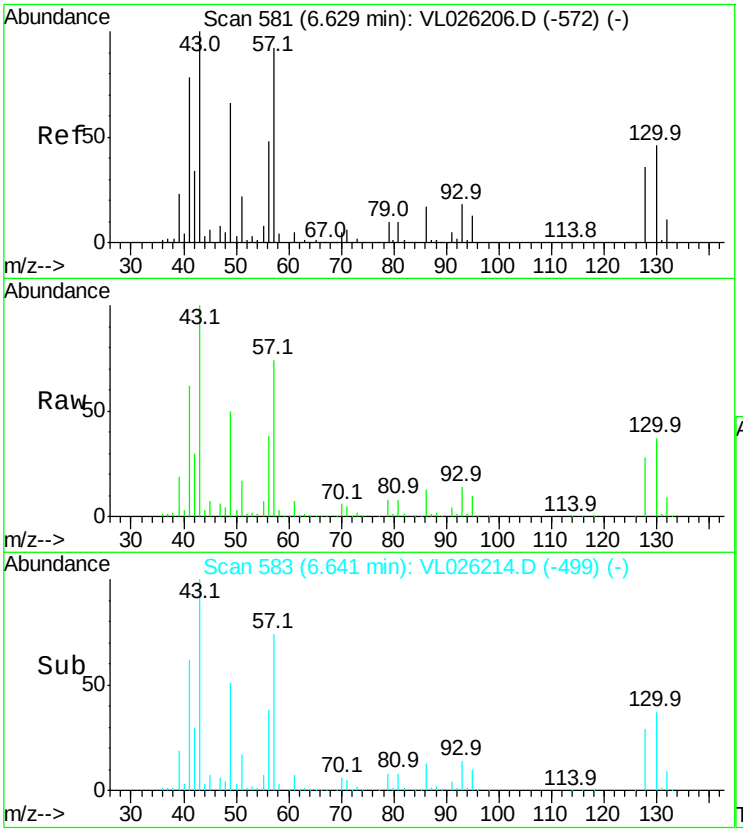
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\Data\VL102015\
Data File : VL026214.D
Acq On : 20 Oct 2015 17:10
Operator : SY/MD
Sample : VSTDICCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Oct 20 17:44:49 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL102015AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Oct 20 17:08:57 2015
QLast Update : Tue Oct 20 17:08:57 2015
Response via : Initial Calibration



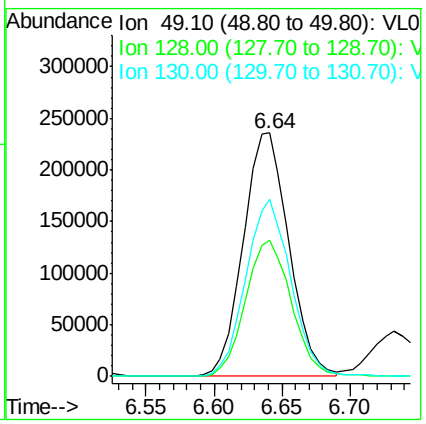


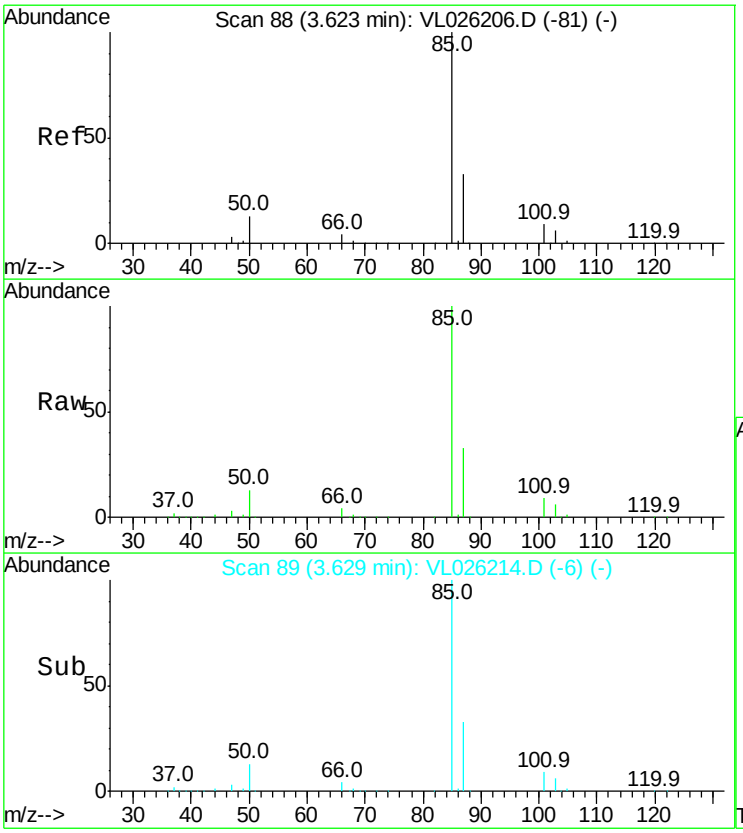
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 6.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 49 Resp: 554079

Ion	Ratio	Lower	Upper
49	100		
128	56.5	28.1	84.3
130	72.1	36.2	108.6

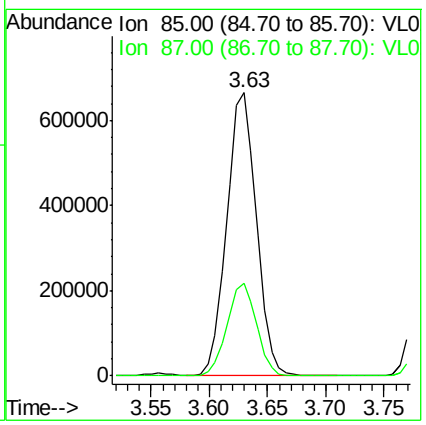


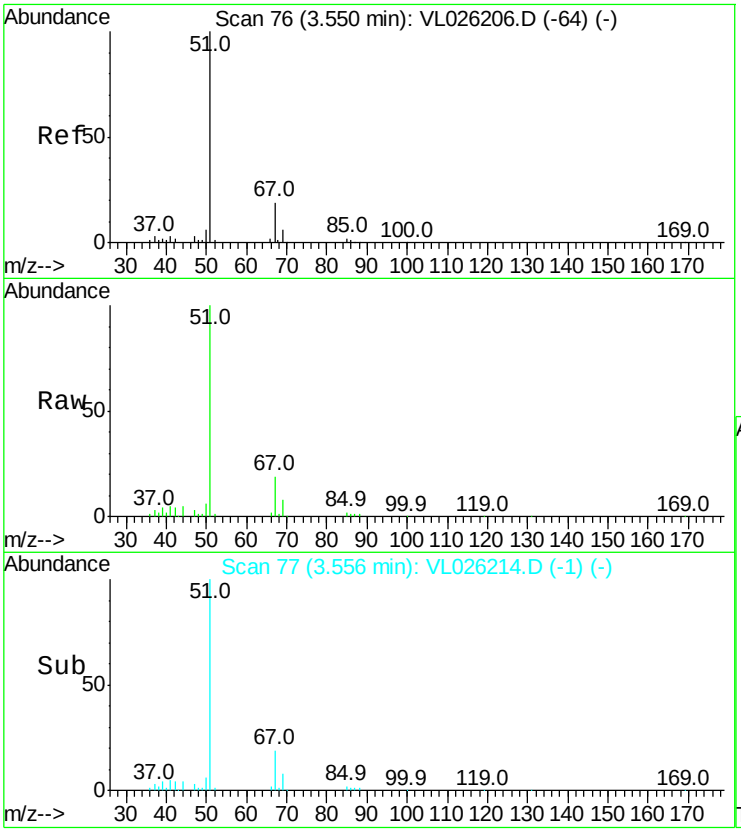


#2
Dichlorodifluoromethane
Concen: 10.33 ppbv
RT: 3.63 min Scan# 89
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Tgt Ion: 85 Resp: 1176242

Ion	Ratio	Lower	Upper
85	100		
87	32.6	26.5	39.7



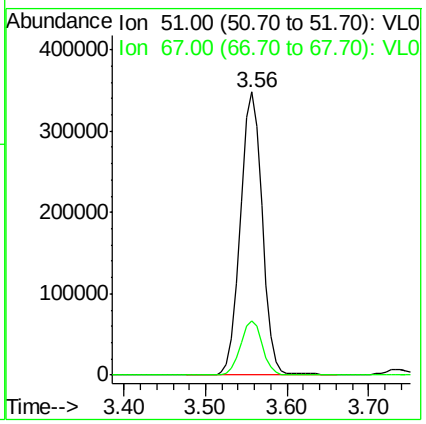


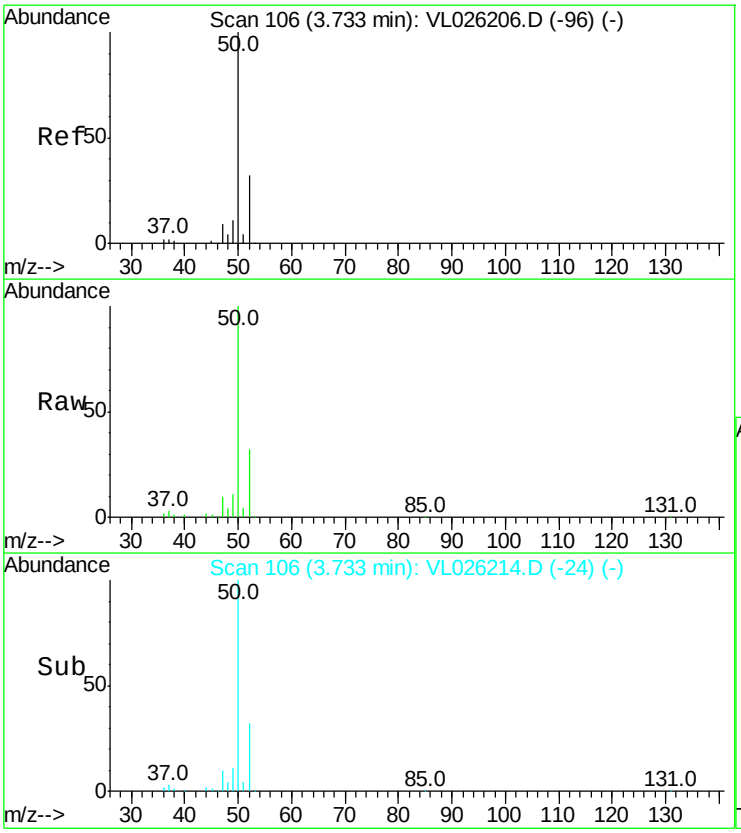
#3
Chlorodifluoromethane
Concen: 9.22 ppbv
RT: 3.56 min Scan# 77
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 51 Resp: 646017

Ion	Ratio	Lower	Upper
51	100		
67	19.1	15.6	23.4

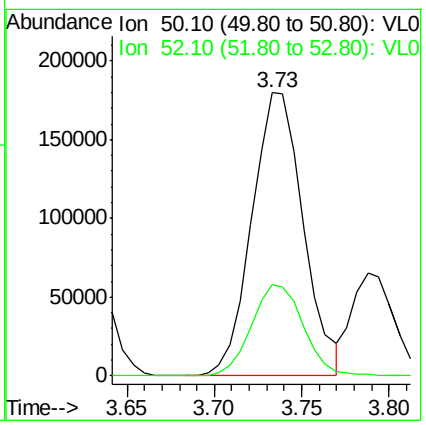


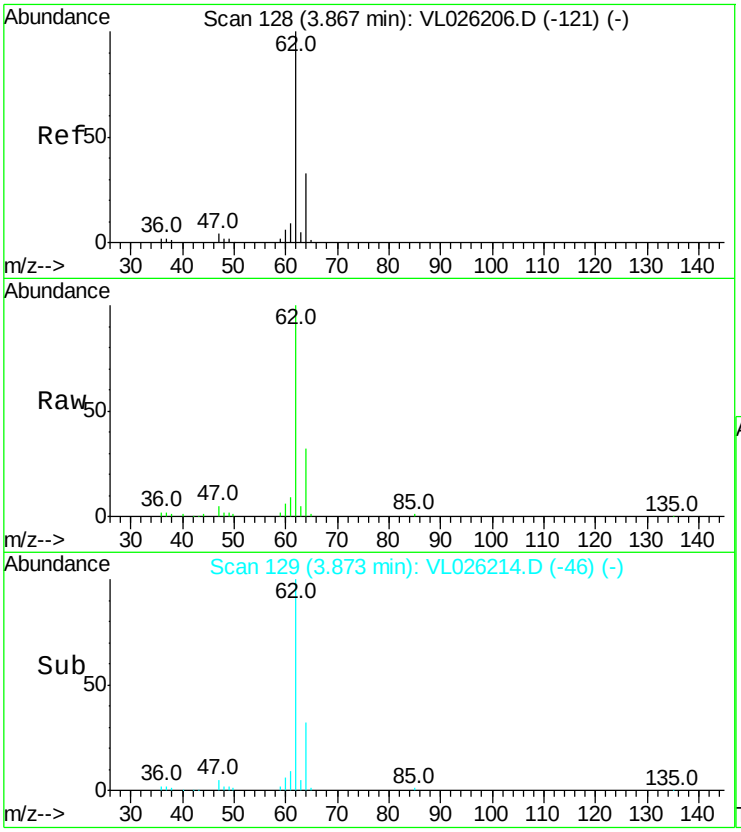


#4
Chloromethane
Concen: 9.78 ppbv
RT: 3.73 min Scan# 106
Delta R.T. -0.00 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Tgt Ion: 50 Resp: 368444

Ion	Ratio	Lower	Upper
50	100		
52	32.2	25.8	38.6



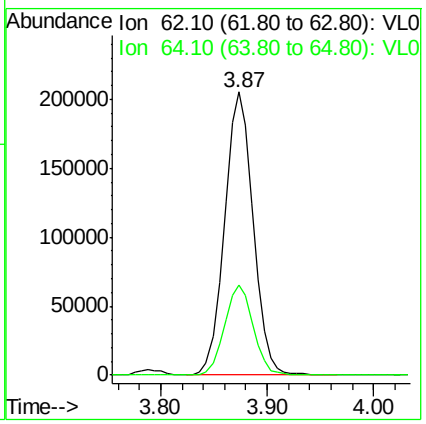


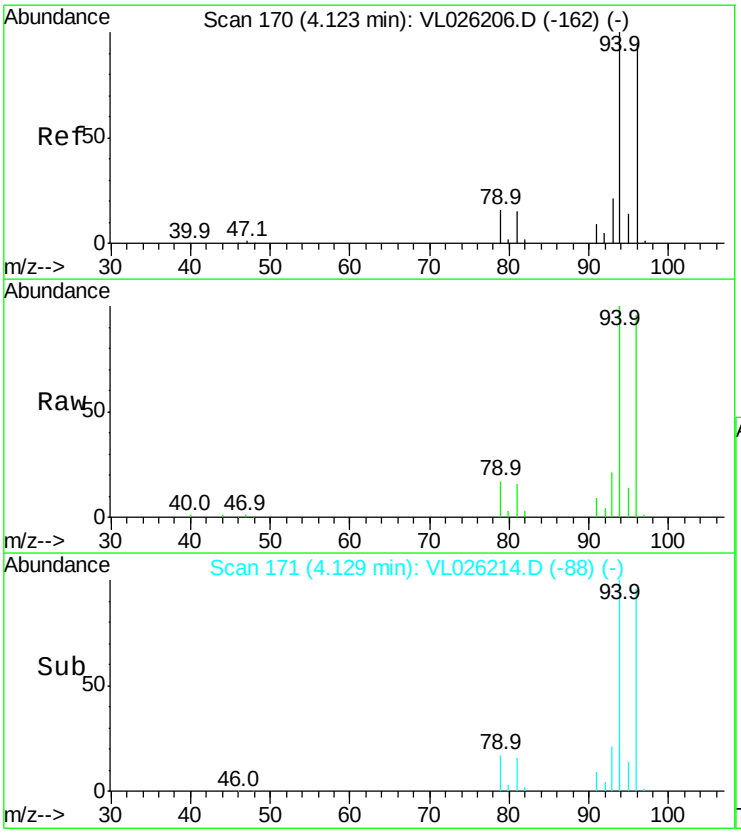
#5
Vinyl Chloride
Concen: 9.68 ppbv
RT: 3.87 min Scan# 129
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 62 Resp: 385972

Ion	Ratio	Lower	Upper
62	100		
64	32.0	26.3	39.5

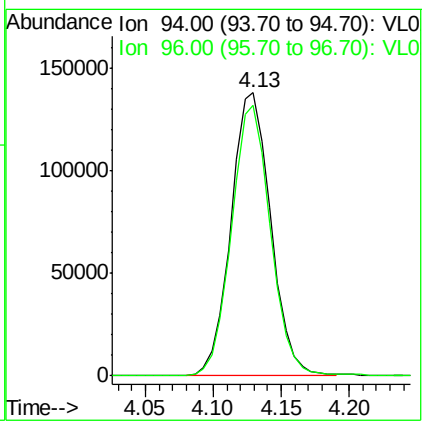


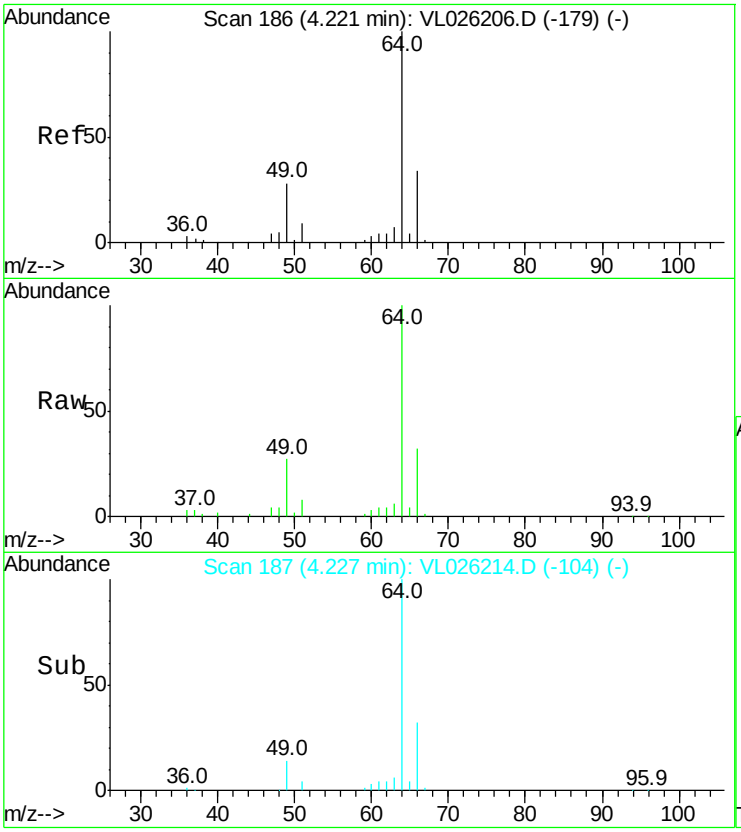


#6
Bromomethane
Concen: 9.80 ppbv
RT: 4.13 min Scan# 171
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Tgt Ion: 94 Resp: 281068

Ion	Ratio	Lower	Upper
94	100		
96	95.6	75.5	113.3



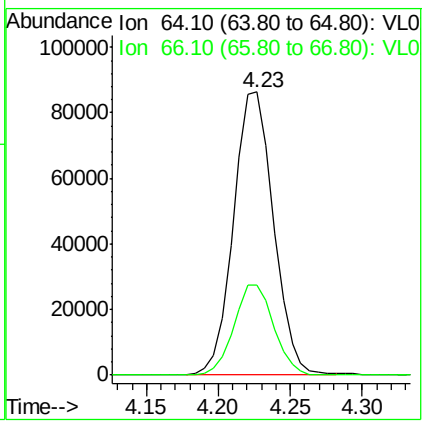


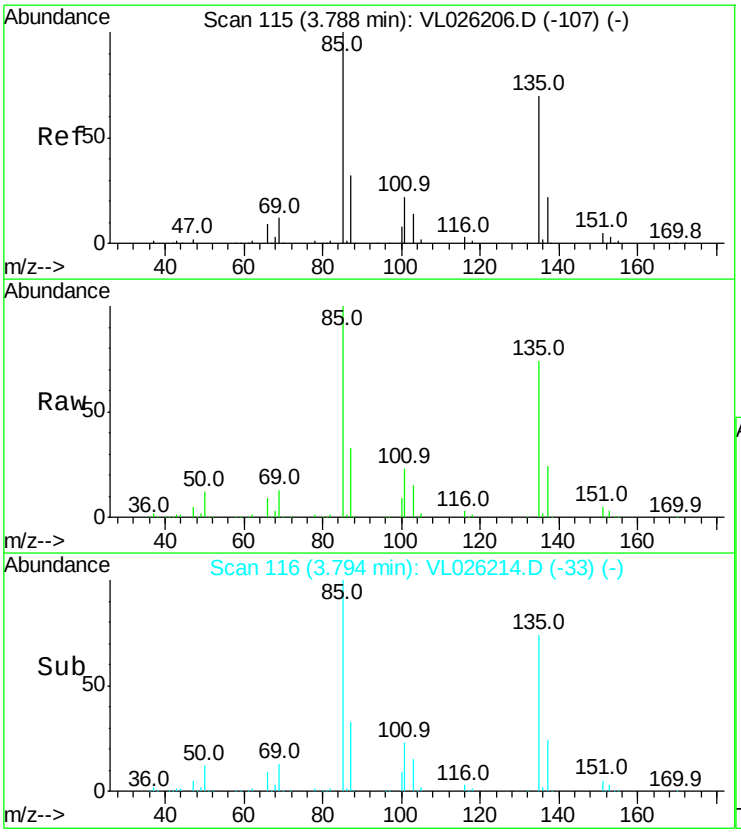
#7
Chloroethane
Concen: 9.95 ppbv
RT: 4.23 min Scan# 187
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 64 Resp: 166885

Ion	Ratio	Lower	Upper
64	100		
66	31.7	27.0	40.6

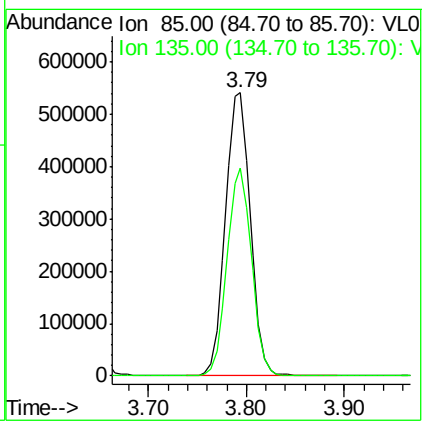


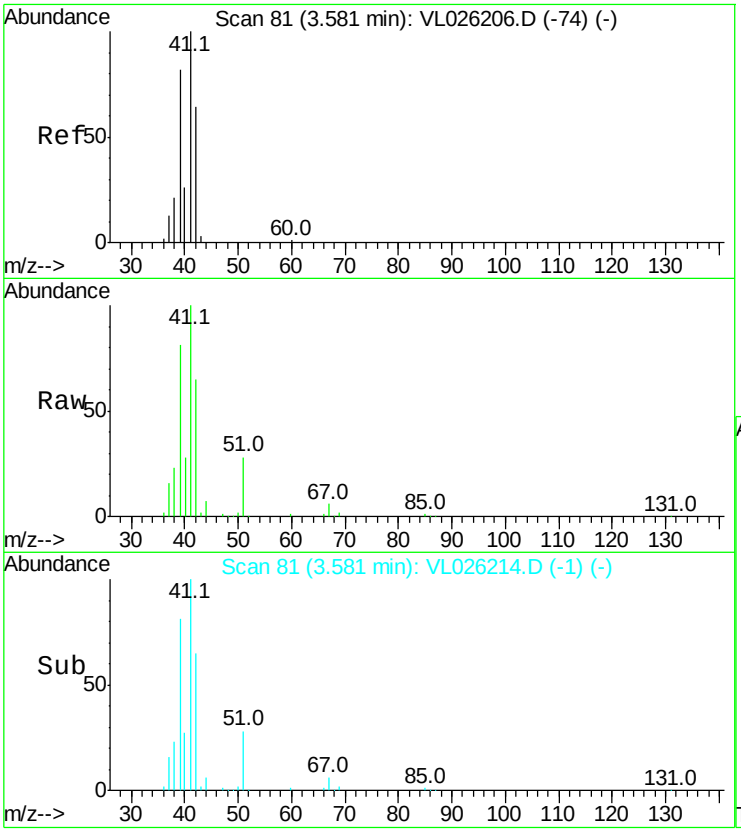


#8
Dichlorotetrafluoroethane
Concen: 9.66 ppbv
RT: 3.79 min Scan# 116
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Tgt Ion: 85 Resp: 953625

Ion	Ratio	Lower	Upper
85	100		
135	72.3	57.5	86.3



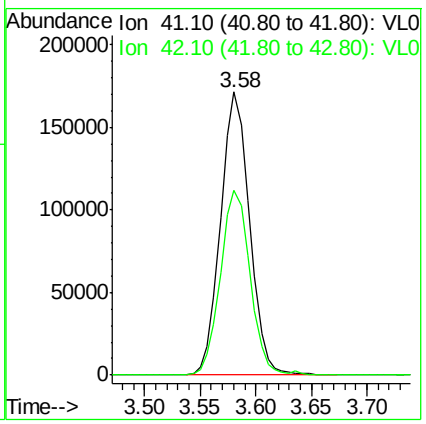


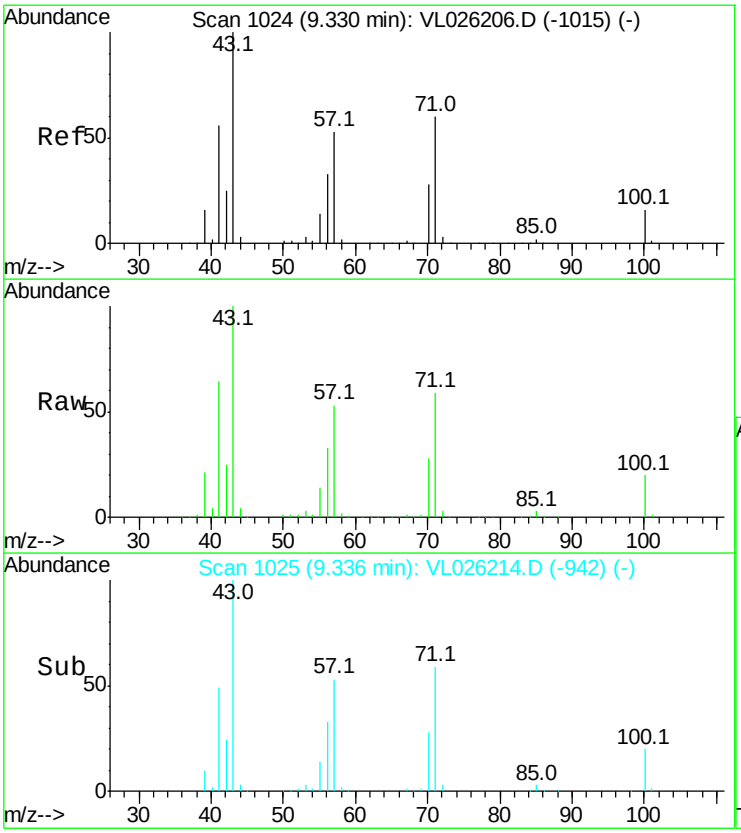
#9
Propene
Concen: 9.47 ppbv
RT: 3.58 min Scan# 81
Delta R.T. -0.00 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 41 Resp: 309620

Ion	Ratio	Lower	Upper
41	100		
42	67.3	53.1	79.7

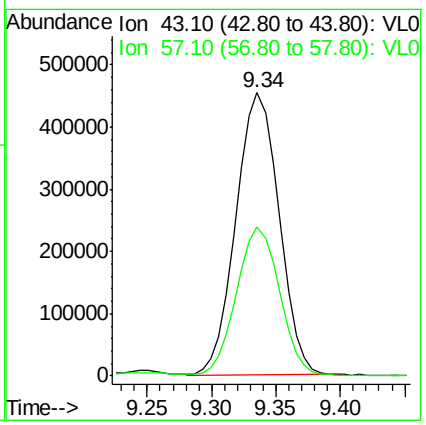


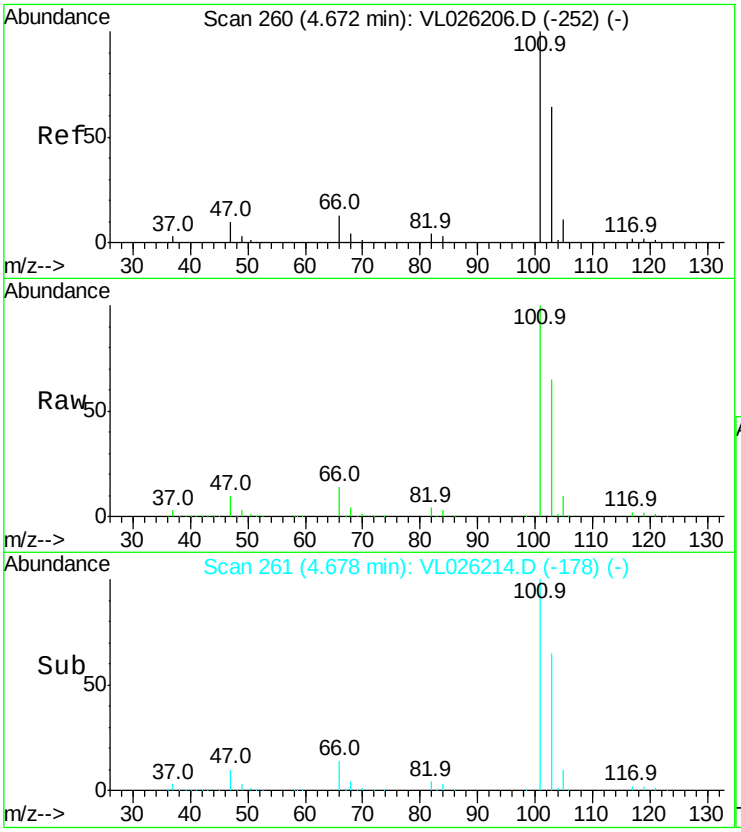


#10
Heptane
Concen: 9.54 ppbv
RT: 9.34 min Scan# 1025
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Tgt Ion: 43 Resp: 1054034

Ion	Ratio	Lower	Upper
43	100		
57	54.6	43.5	65.3



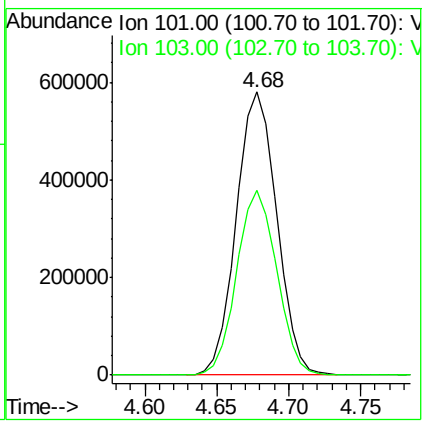


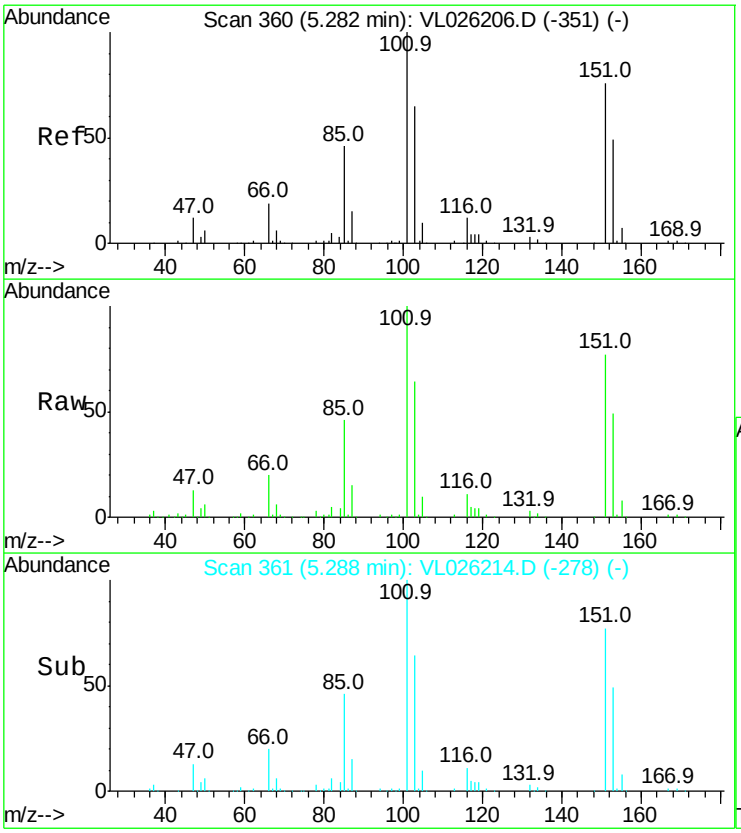
#11
Trichlorofluoromethane
Concen: 10.09 ppbv
RT: 4.68 min Scan# 261
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:101 Resp: 1132548

Ion	Ratio	Lower	Upper
101	100		
103	65.2	51.2	76.8

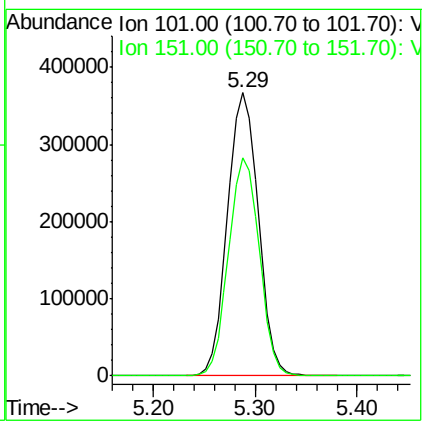


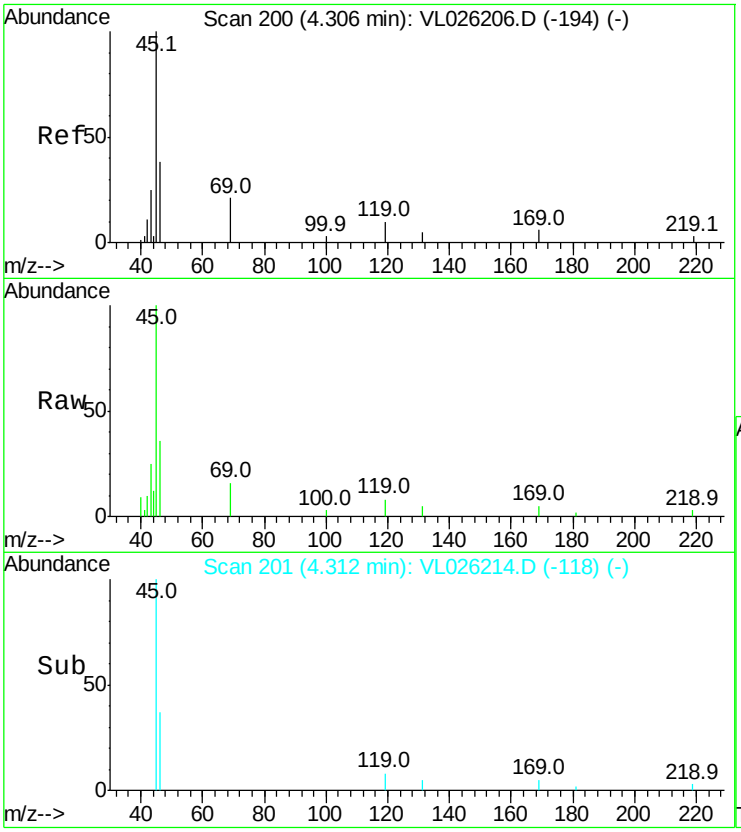


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.01 ppbv
RT: 5.29 min Scan# 361
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Tgt Ion:101 Resp: 769666

Ion	Ratio	Lower	Upper
101	100		
151	77.1	61.4	92.0



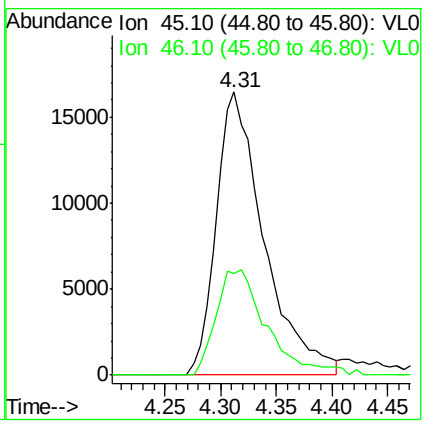


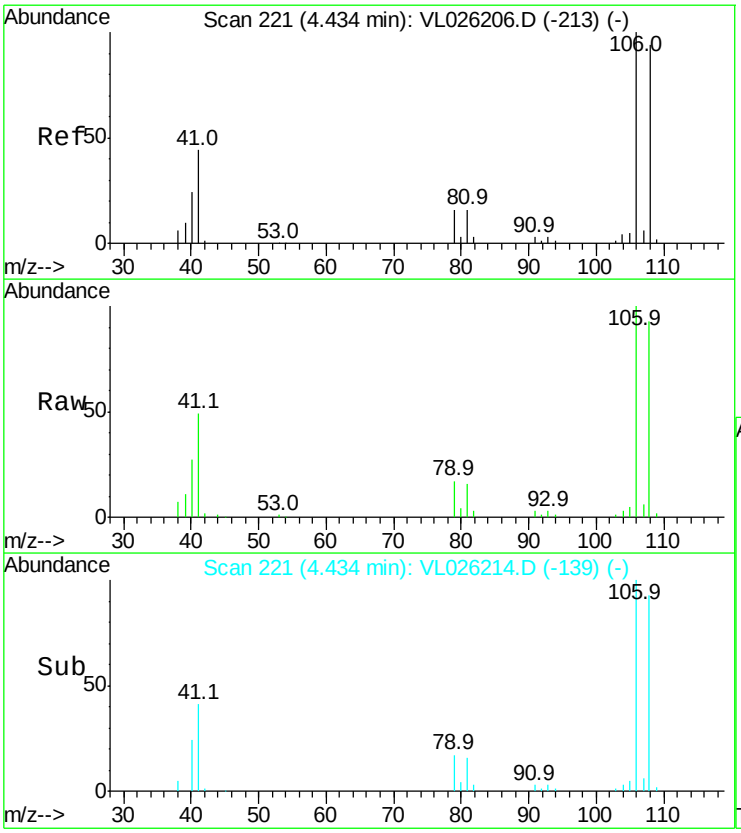
#13
Ethanol
Concen: 9.99 ppbv
RT: 4.31 min Scan# 201
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 49070

Ion	Ratio	Lower	Upper
45	100		
46	39.4	16.1	64.3

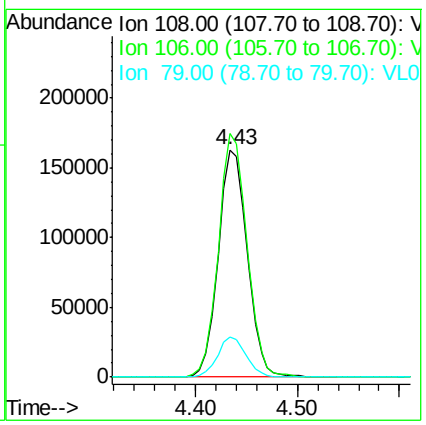


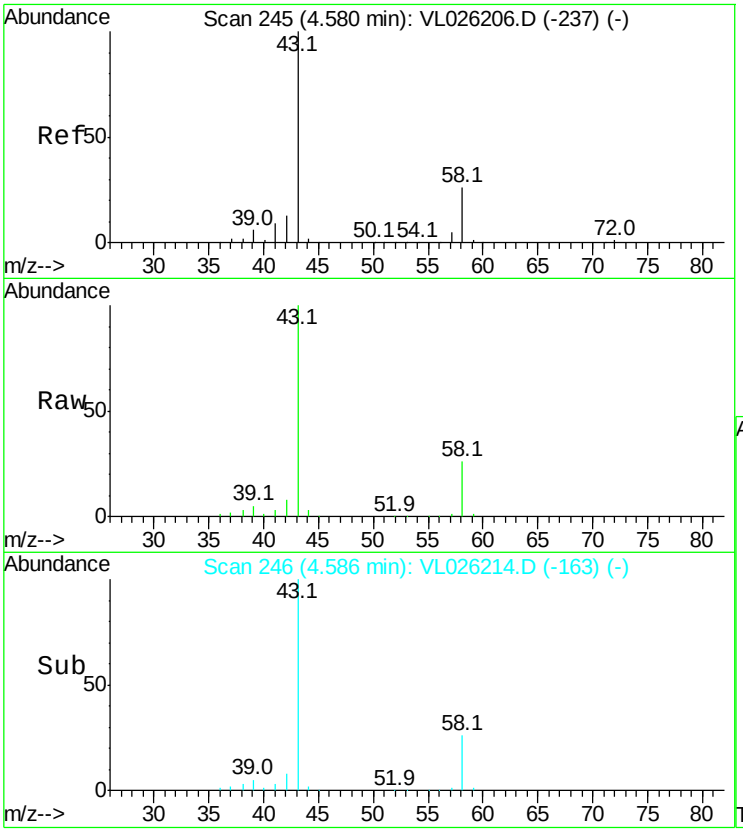


#14
Bromoethene
Concen: 9.89 ppbv
RT: 4.43 min Scan# 221
Delta R.T. -0.00 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Tgt Ion:108 Resp: 321851

Ion	Ratio	Lower	Upper
108	100		
106	105.9	85.3	127.9
79	17.5	13.4	20.0



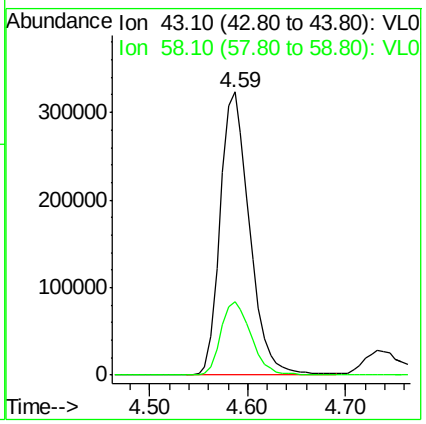


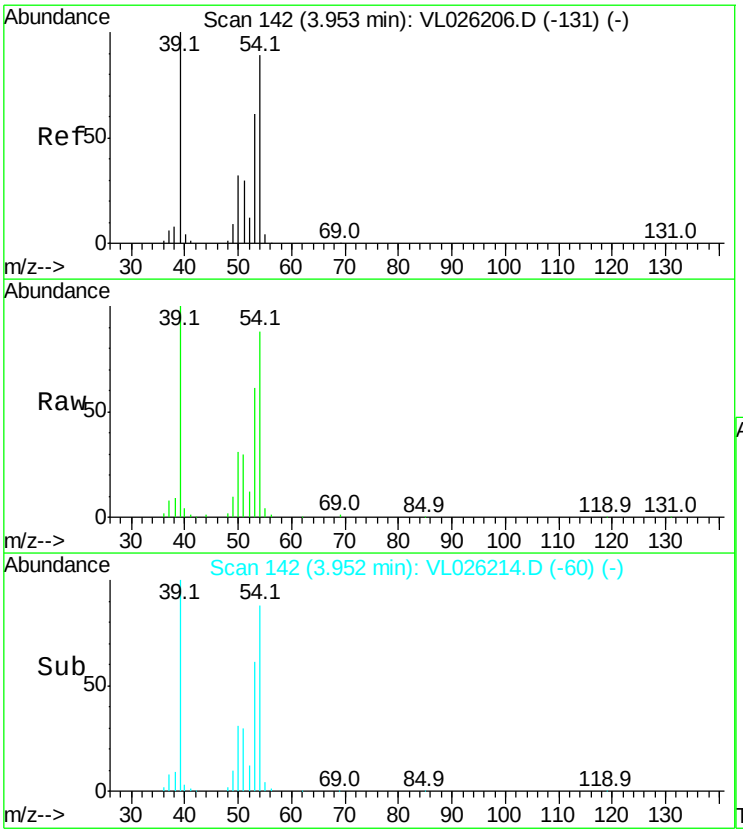
#15
Acetone
Concen: 8.18 ppbv
RT: 4.59 min Scan# 246
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 43 Resp: 675167

Ion	Ratio	Lower	Upper
43	100		
58	27.2	21.0	31.4

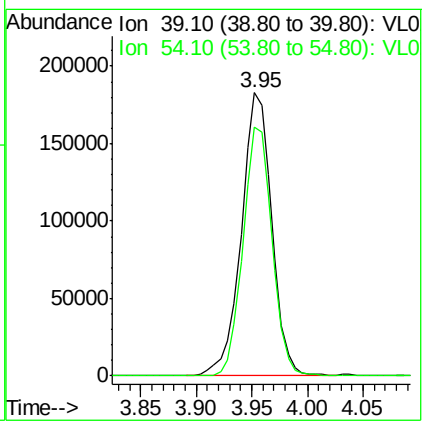


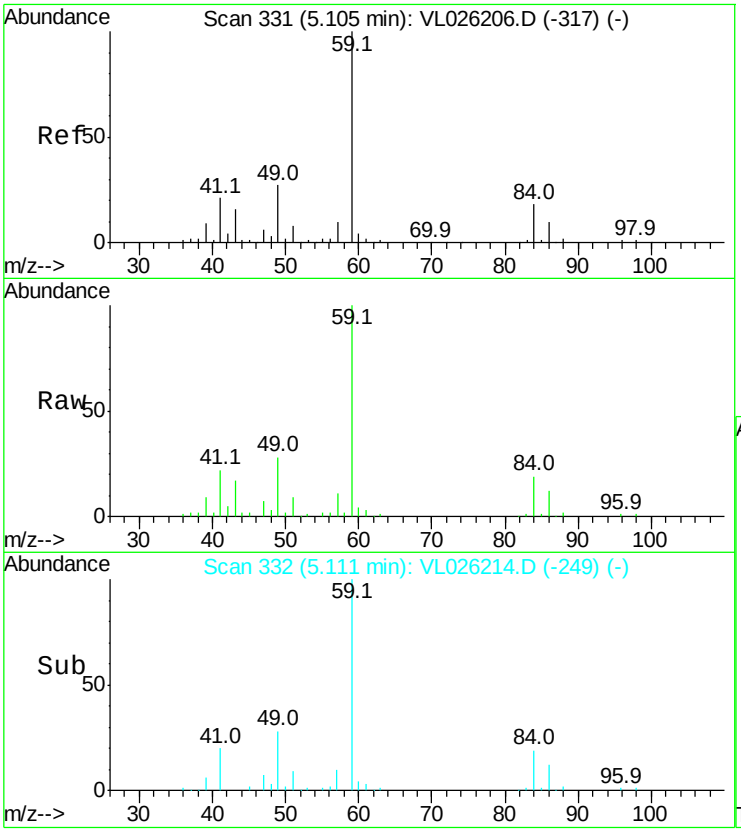


#16
1,3-Butadiene
Concen: 9.58 ppbv
RT: 3.95 min Scan# 142
Delta R.T. -0.00 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Tgt Ion: 39 Resp: 348606

Ion	Ratio	Lower	Upper
39	100		
54	84.1	67.3	100.9



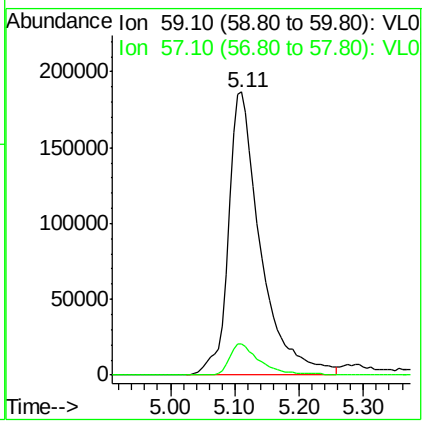


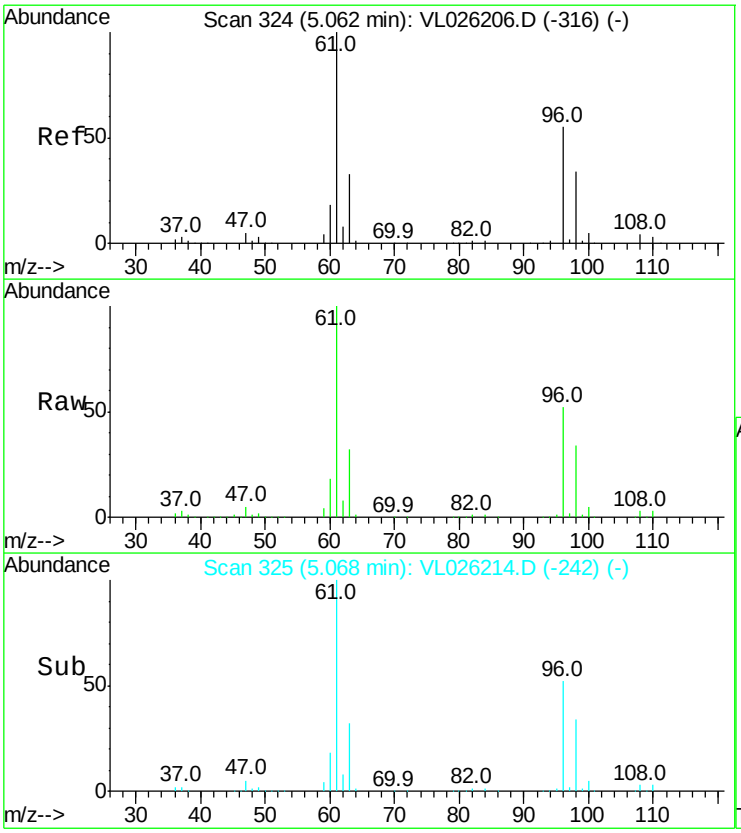
#17
tert-Butyl alcohol
Concen: 11.84 ppbv
RT: 5.11 min Scan# 332
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 59 Resp: 651176

Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.6	12.8

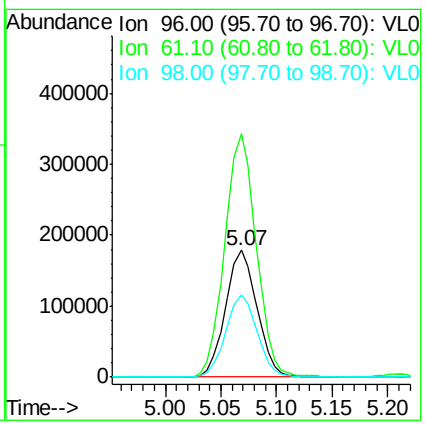


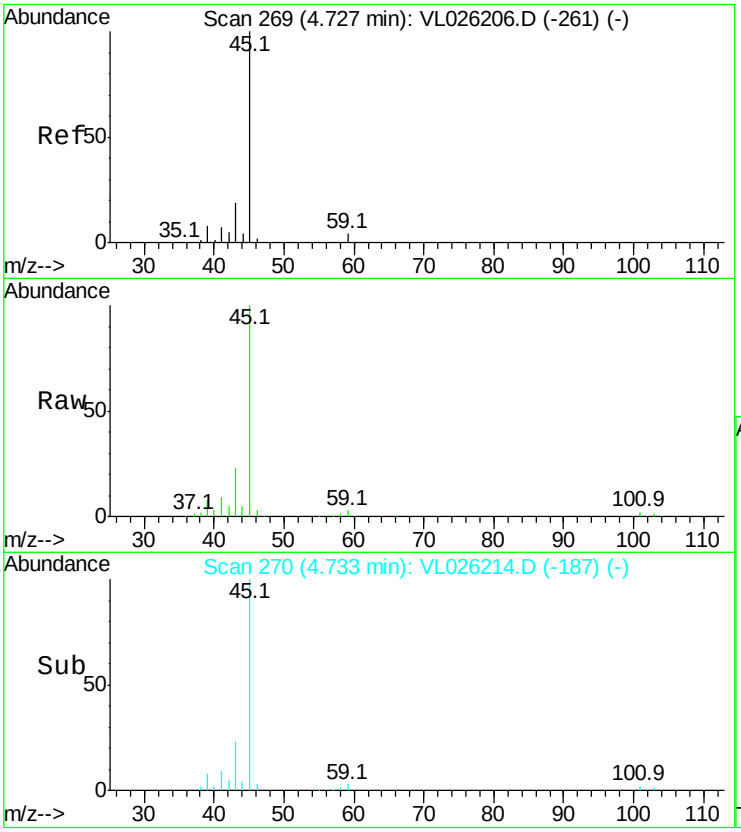


#18
1,1-Dichloroethene
Concen: 10.07 ppbv
RT: 5.07 min Scan# 325
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Tgt Ion: 96 Resp: 351739

Ion	Ratio	Lower	Upper
96	100		
61	192.1	146.6	219.8
98	64.5	50.5	75.7



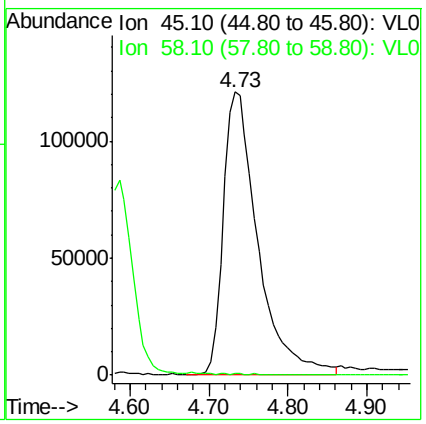


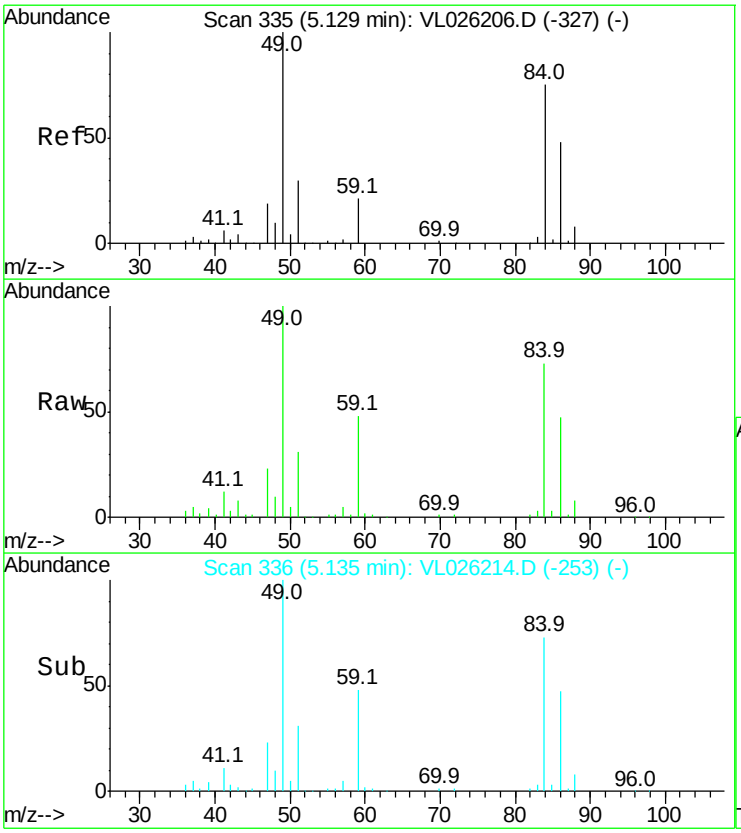
#19
Isopropyl Alcohol
Concen: 11.52 ppbv
RT: 4.73 min Scan# 270
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 45 Resp: 365220

Ion	Ratio	Lower	Upper
45	100		
58	50.4	42.4	63.6

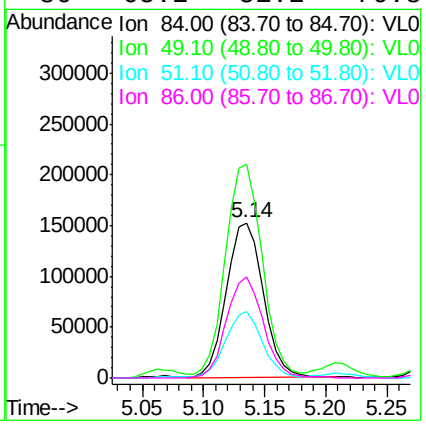


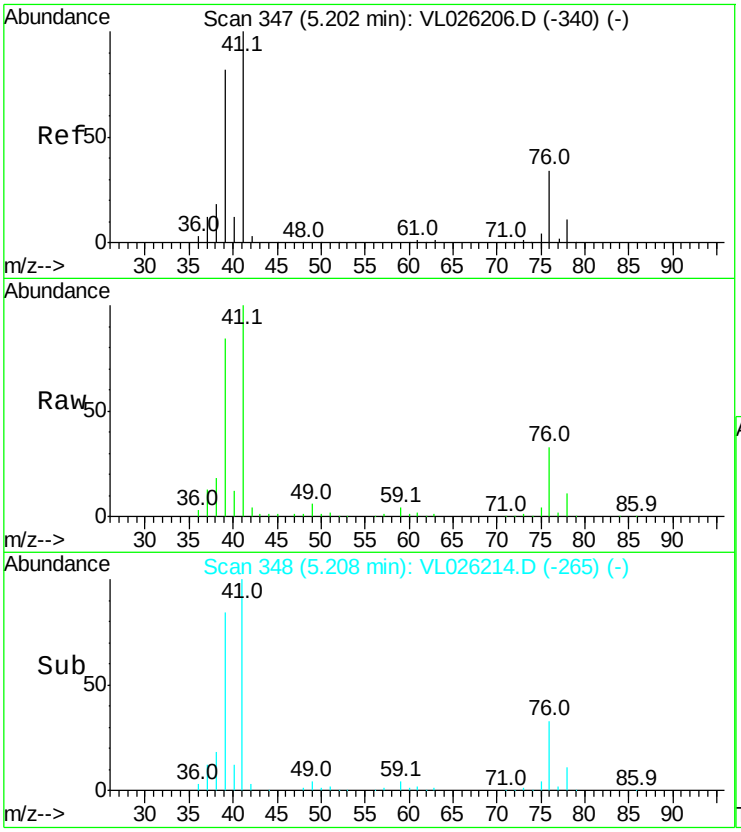


#20
Methylene Chloride
Concen: 9.72 ppbv
RT: 5.14 min Scan# 336
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Tgt Ion: 84 Resp: 318157

Ion	Ratio	Lower	Upper
84	100		
49	135.9	107.9	161.9
51	42.1	32.4	48.6
86	65.2	51.2	76.8



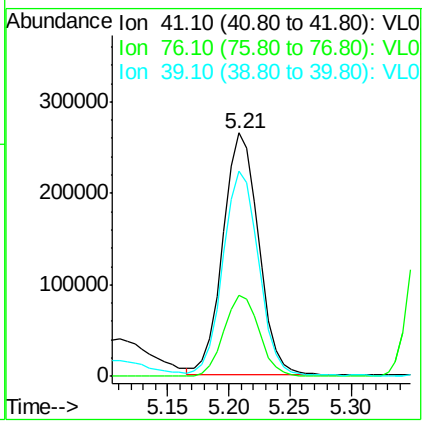


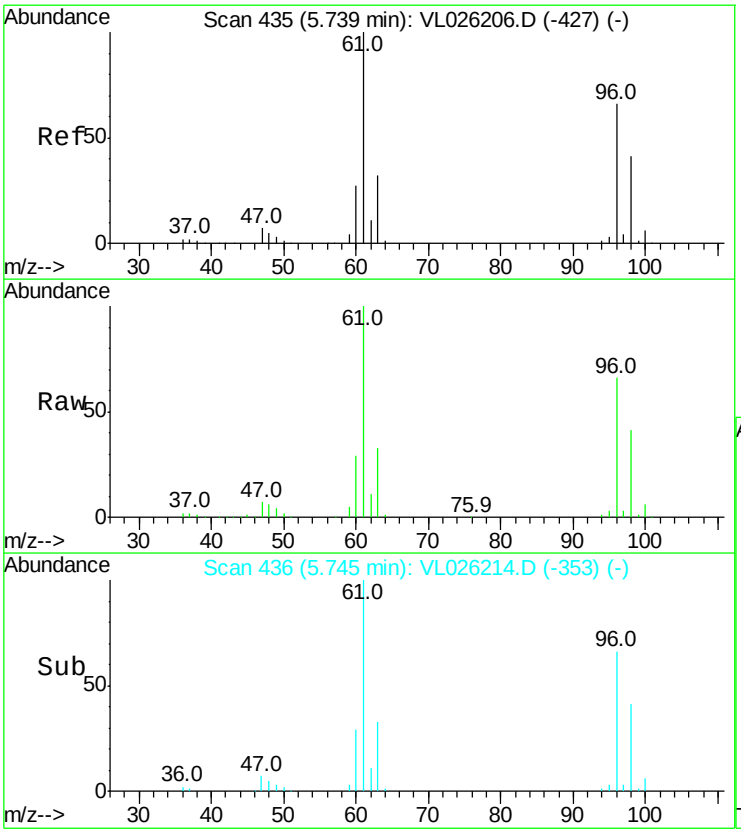
#21
Allyl Chloride
Concen: 9.96 ppbv
RT: 5.21 min Scan# 348
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 41 Resp: 534281

Ion	Ratio	Lower	Upper
41	100		
76	33.2	26.2	39.4
39	84.3	65.6	98.4

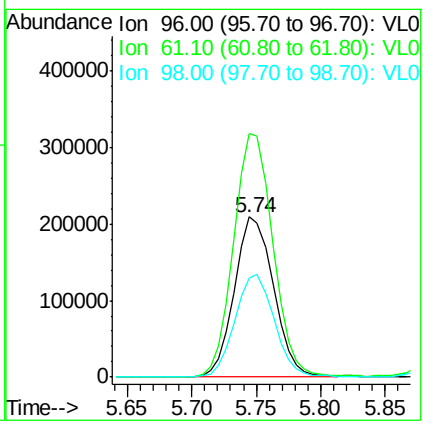


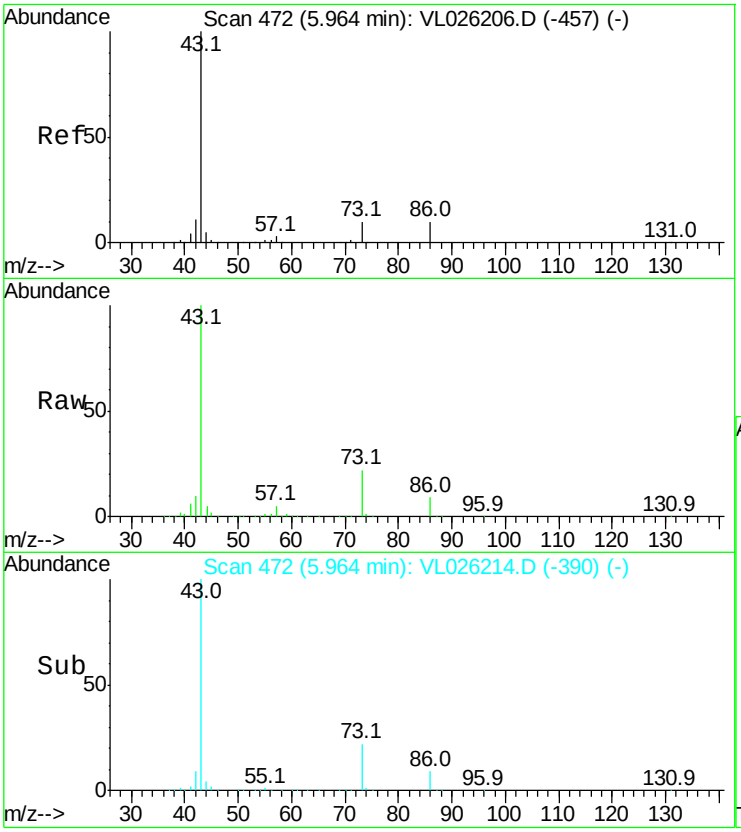


#22
trans-1,2-Dichloroethene
Concen: 9.86 ppbv
RT: 5.74 min Scan# 436
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Tgt Ion: 96 Resp: 442191

Ion	Ratio	Lower	Upper
96	100		
61	151.9	121.3	181.9
98	62.1	49.8	74.8



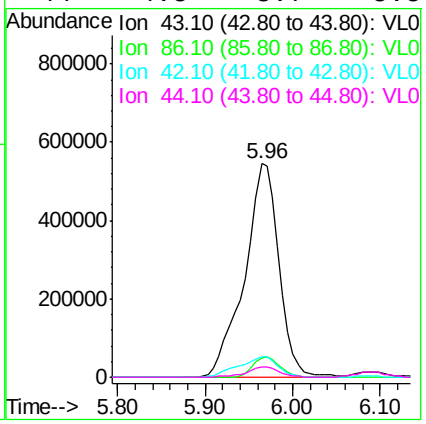


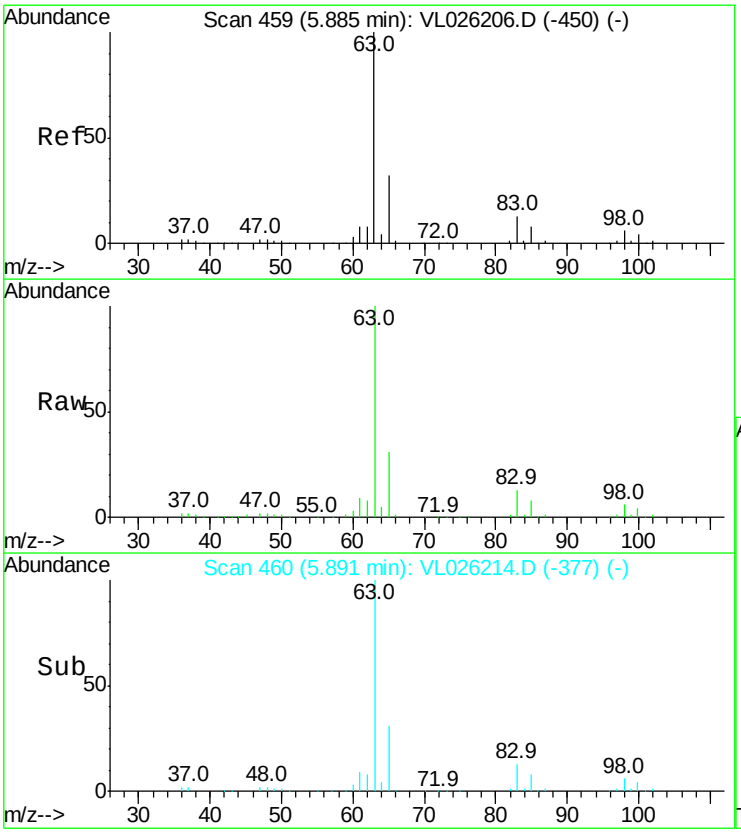
#23
Vinyl Acetate
Concen: 9.71 ppbv
RT: 5.96 min Scan# 472
Delta R.T. -0.00 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 43 Resp: 1480485

Ion	Ratio	Lower	Upper
43	100		
86	8.8	7.8	11.6
42	9.4	8.4	12.6
44	4.5	3.7	5.5

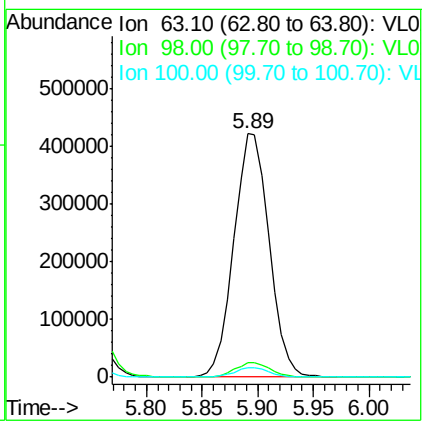


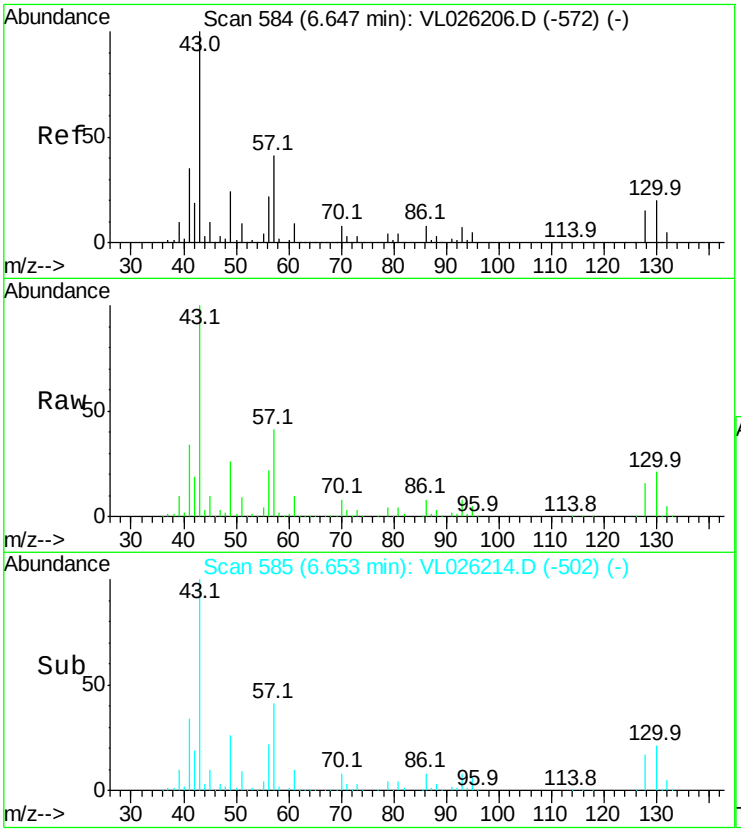


#24
1,1-Dichloroethane
Concen: 9.79 ppbv
RT: 5.89 min Scan# 460
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Tgt Ion: 63 Resp: 926199

Ion	Ratio	Lower	Upper
63	100		
98	5.9	2.9	8.7
100	3.7	1.8	5.5



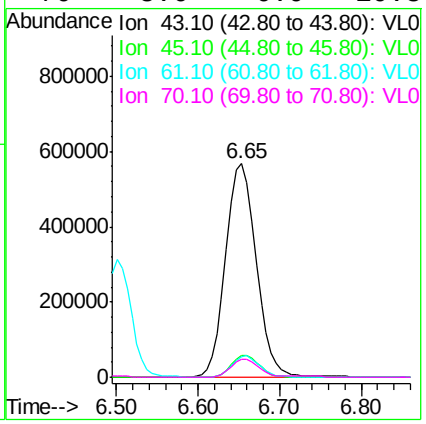


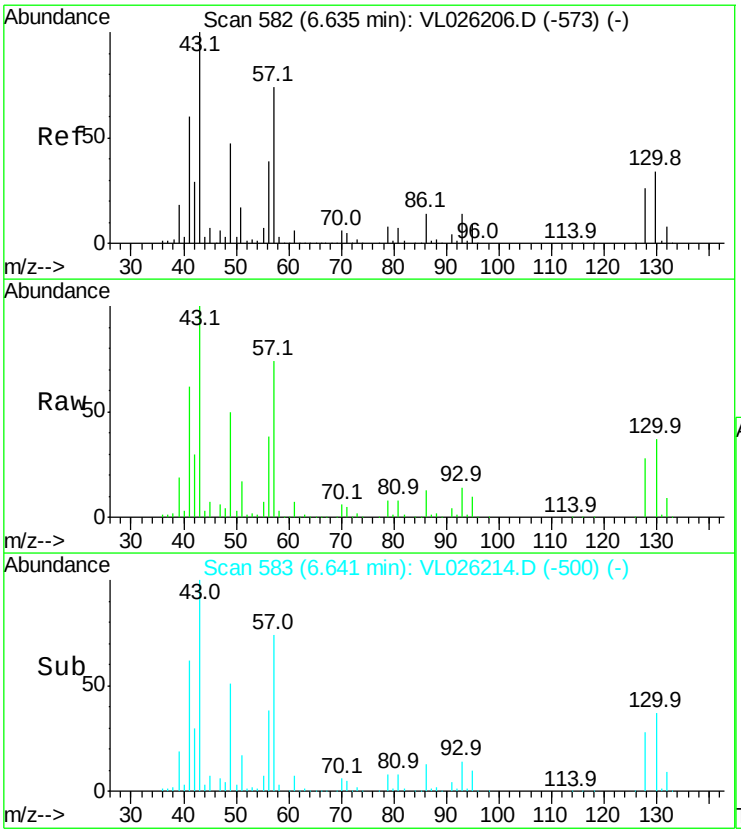
#25
Ethyl Acetate
Concen: 9.63 ppbv
RT: 6.65 min Scan# 585
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 43 Resp: 1471921

Ion	Ratio	Lower	Upper
43	100		
45	9.6	7.5	11.3
61	9.4	7.5	11.3
70	8.6	6.9	10.3

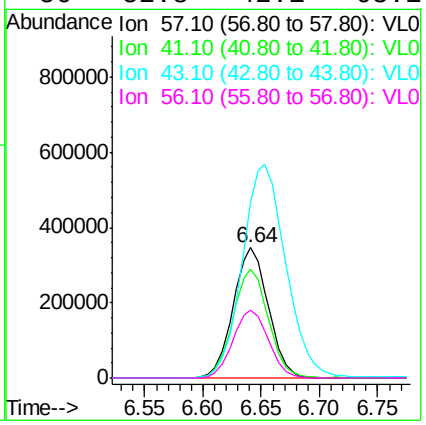


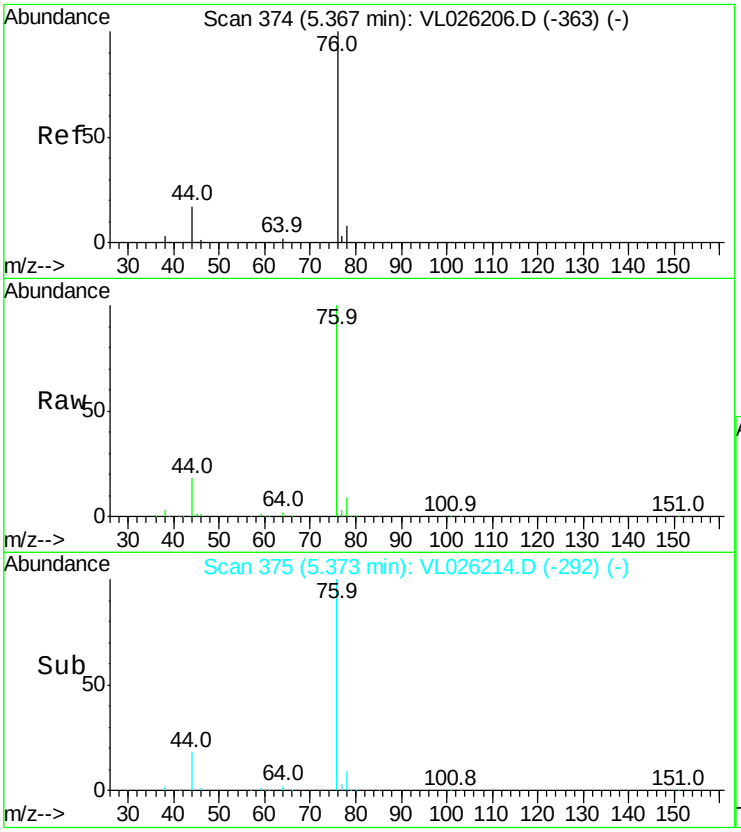


#26
Hexane
Concen: 9.40 ppbv
RT: 6.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Tgt Ion: 57 Resp: 724957

Ion	Ratio	Lower	Upper
57	100		
41	85.1	67.0	100.6
43	204.3	156.0	234.0
56	52.8	42.1	63.1



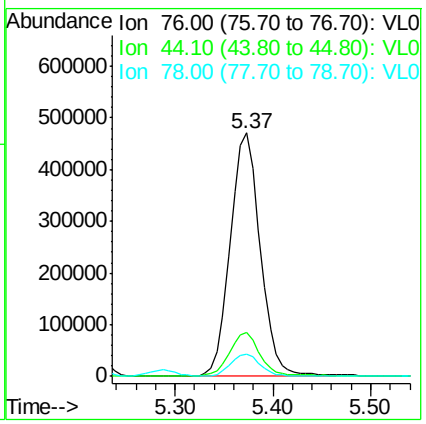


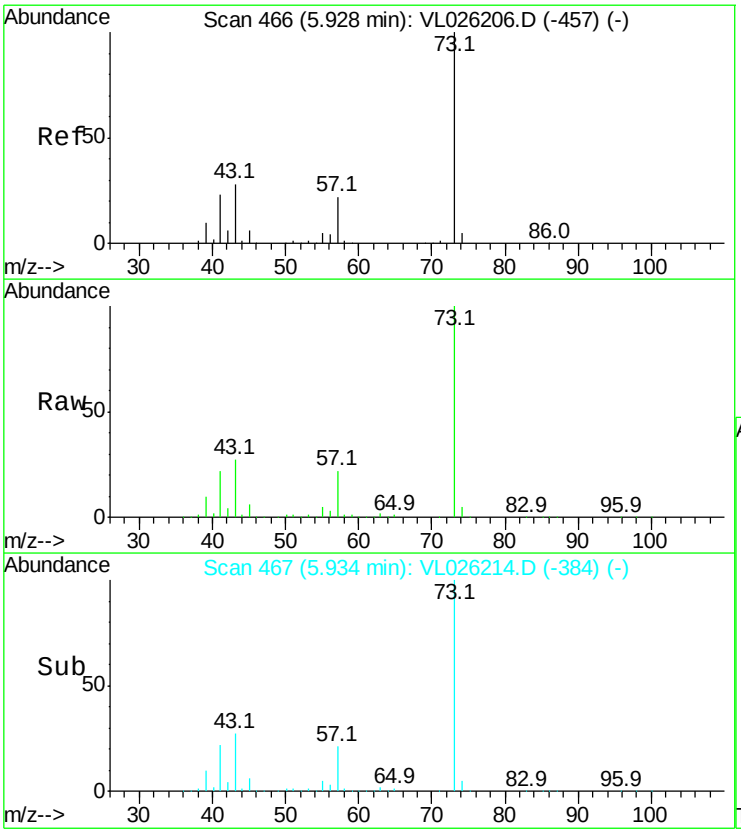
#27
Carbon Disulfide
Concen: 10.27 ppbv
RT: 5.37 min Scan# 375
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 76 Resp: 1006630

Ion	Ratio	Lower	Upper
76	100		
44	17.5	13.8	20.6
78	9.3	7.4	11.2

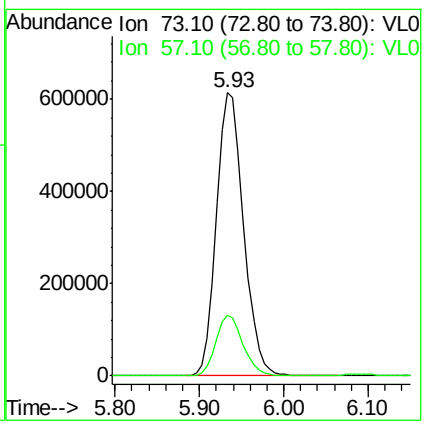


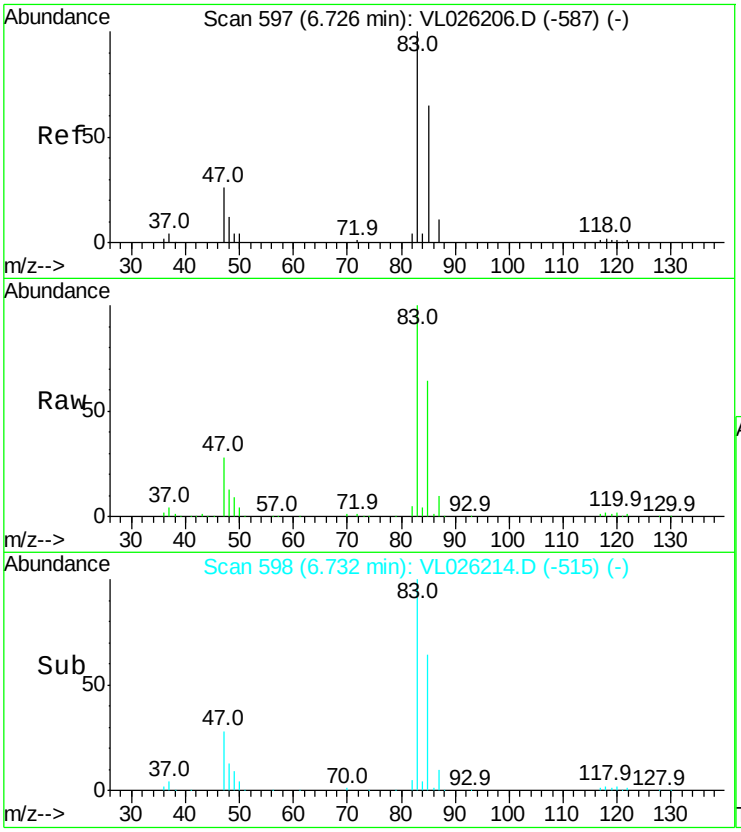


#28
Methyl tert-Butyl Ether
Concen: 9.84 ppbv
RT: 5.93 min Scan# 467
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Tgt Ion: 73 Resp: 1364597

Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.9	26.9



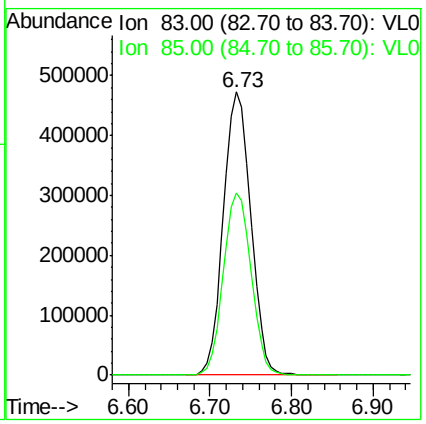


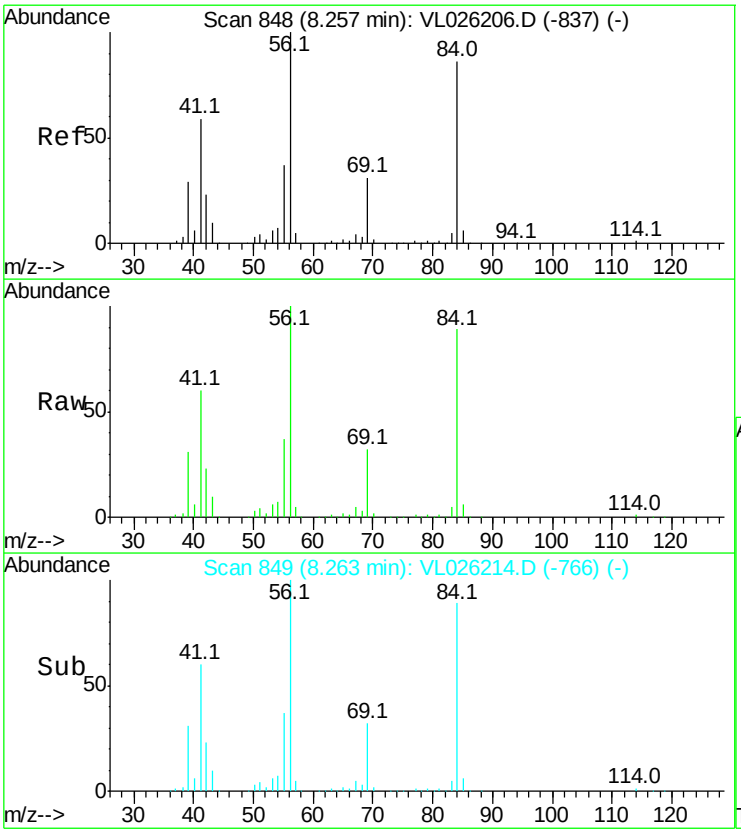
#29
Chloroform
Concen: 9.95 ppbv
RT: 6.73 min Scan# 598
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 83 Resp: 1099733

Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.8	77.6

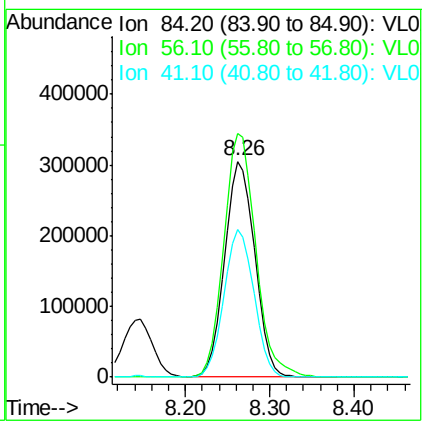


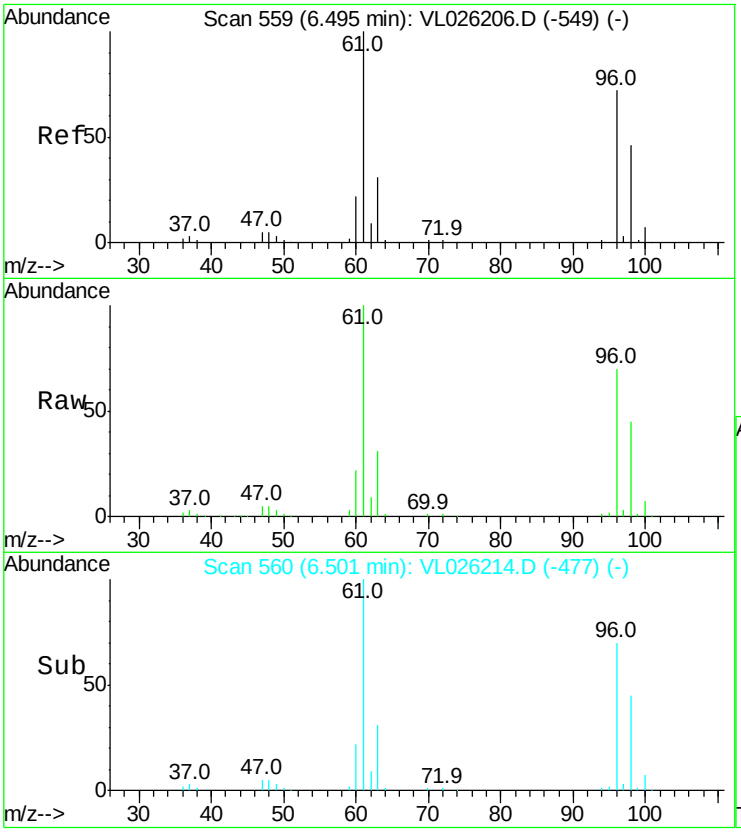


#30
Cyclohexane
Concen: 9.64 ppbv
RT: 8.26 min Scan# 849
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Tgt Ion: 84 Resp: 739594

Ion	Ratio	Lower	Upper
84	100		
56	119.9	97.5	146.3
41	68.5	54.6	81.8



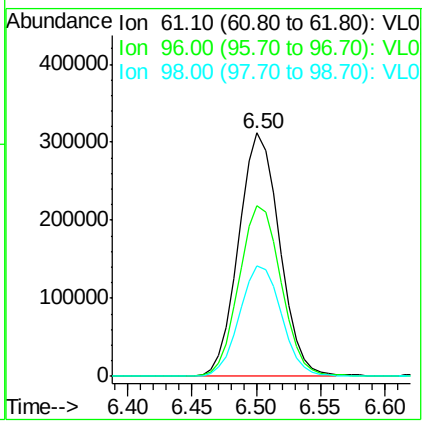


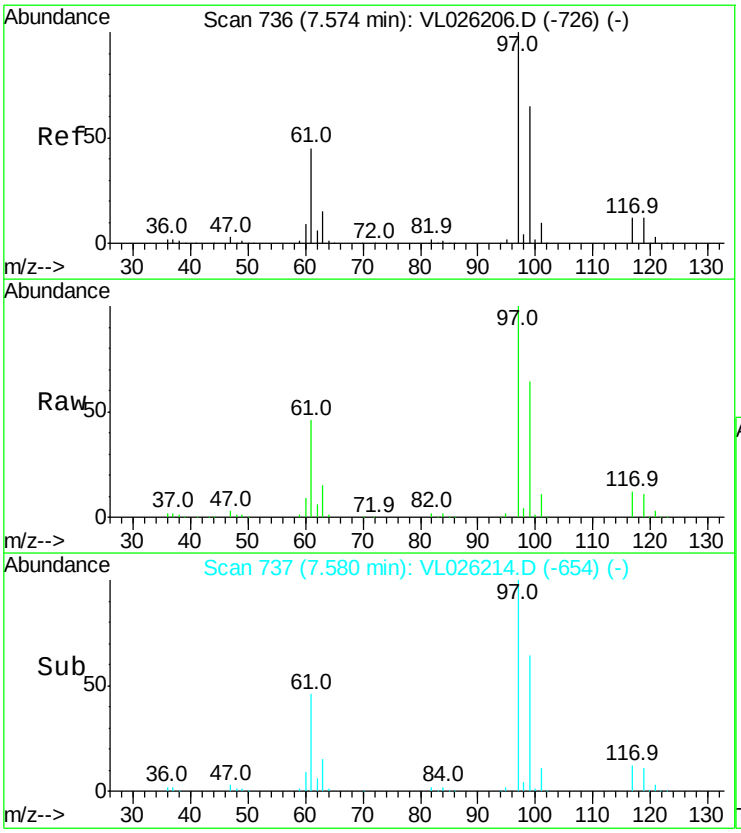
#31
cis-1,2-Dichloroethene
Concen: 9.95 ppbv
RT: 6.50 min Scan# 560
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 61 Resp: 688417

Ion	Ratio	Lower	Upper
61	100		
96	70.0	57.9	86.9
98	45.1	37.2	55.8

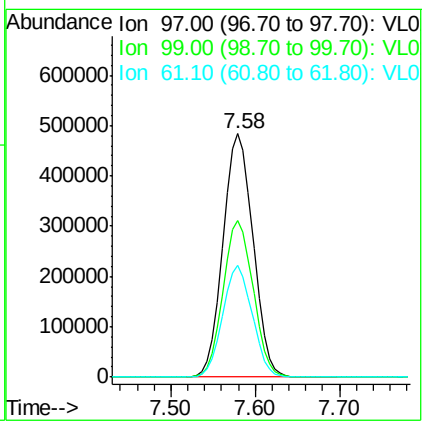


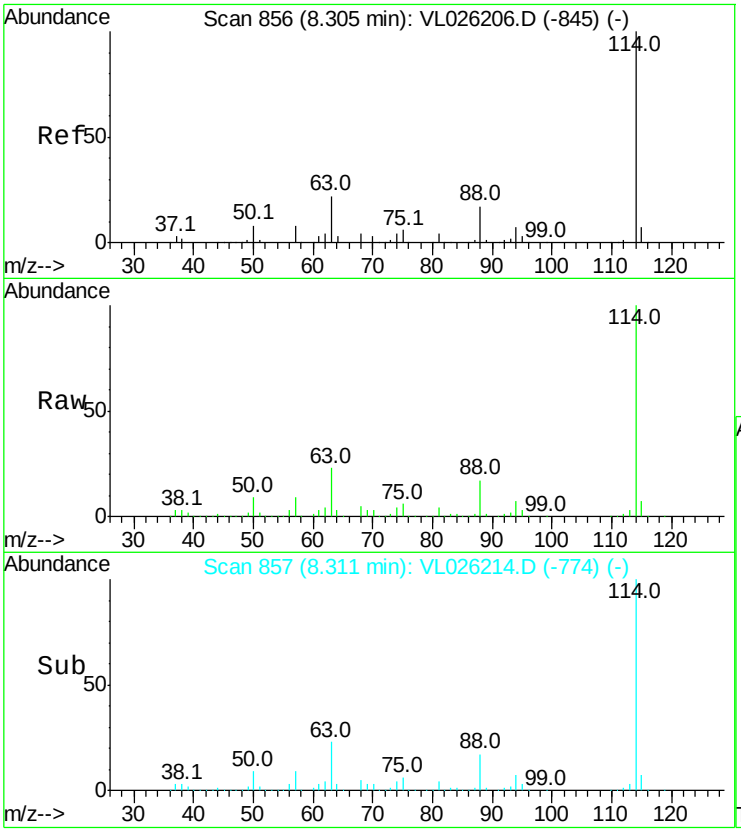


#32
1,1,1-Trichloroethane
Concen: 9.59 ppbv
RT: 7.58 min Scan# 737
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Tgt Ion: 97 Resp: 1177741

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.2
61	45.3	36.0	54.0



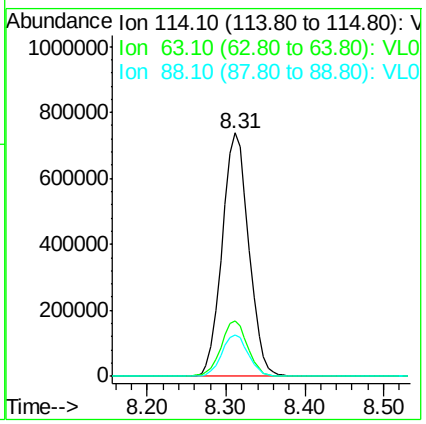


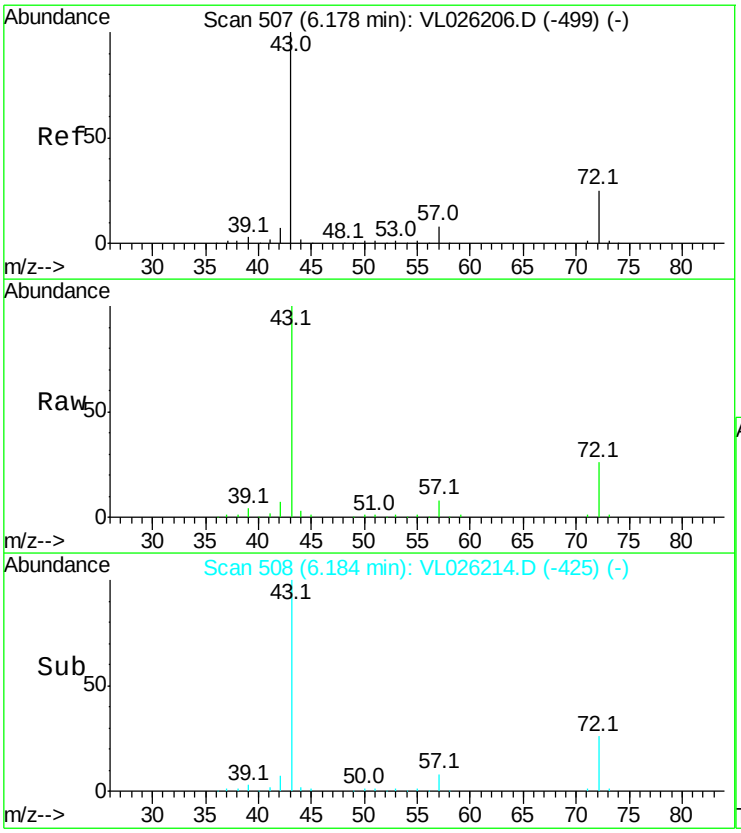
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.31 min Scan# 857
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:114 Resp: 1734681

Ion	Ratio	Lower	Upper
114	100		
63	22.8	17.9	26.9
88	16.9	13.6	20.4

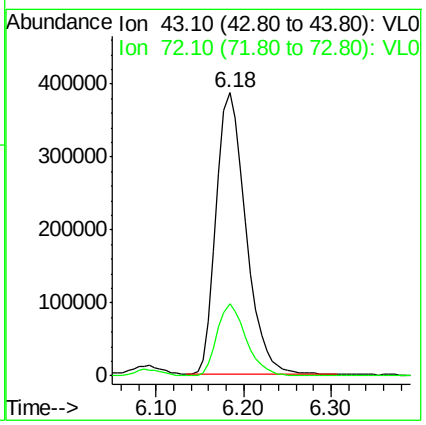


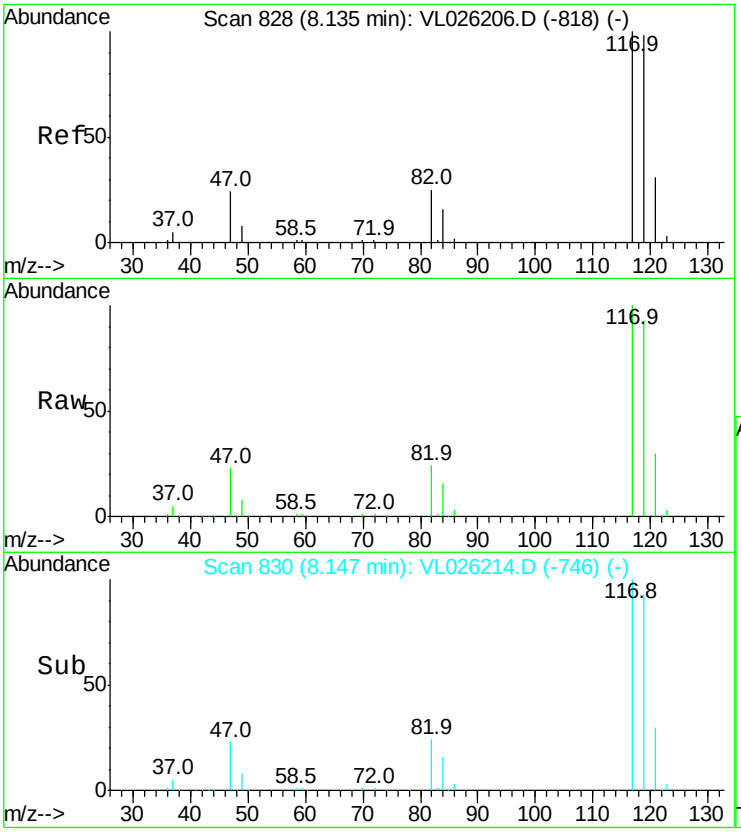


#34
2-Butanone
Concen: 9.39 ppbv
RT: 6.18 min Scan# 508
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Tgt Ion: 43 Resp: 916649

Ion	Ratio	Lower	Upper
43	100		
72	25.1	20.2	30.4



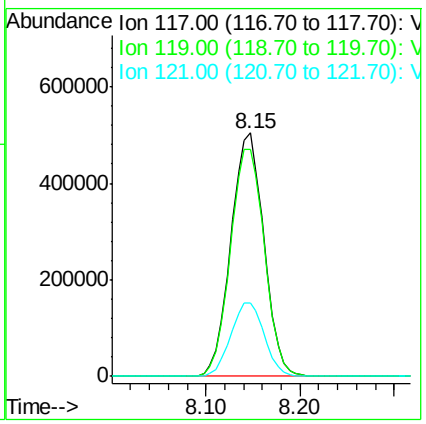


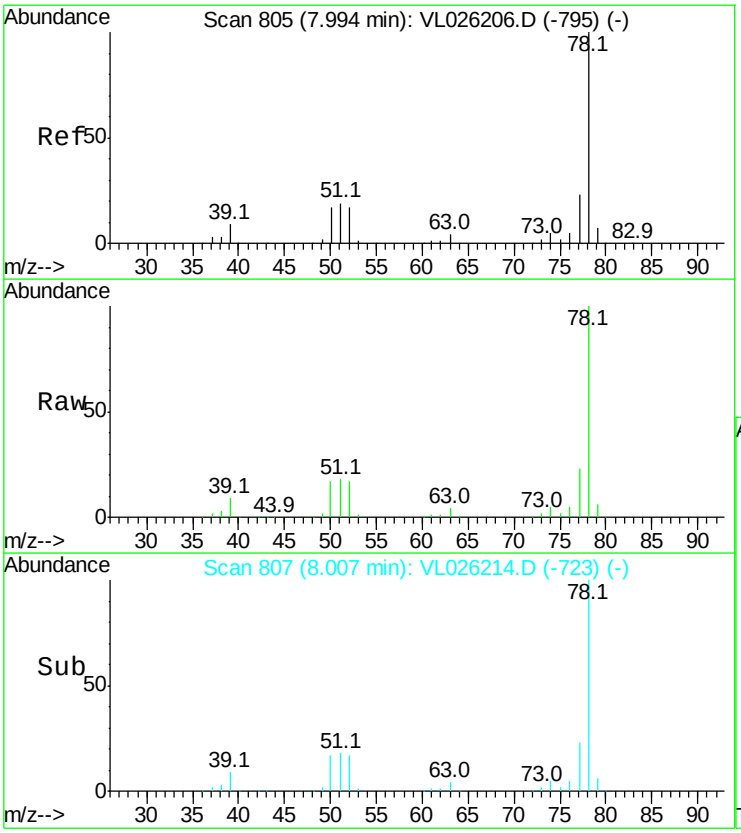
#35
Carbon Tetrachloride
Concen: 9.37 ppbv
RT: 8.15 min Scan# 830
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:117 Resp: 1232164

Ion	Ratio	Lower	Upper
117	100		
119	93.2	78.3	117.5
121	30.2	25.0	37.6

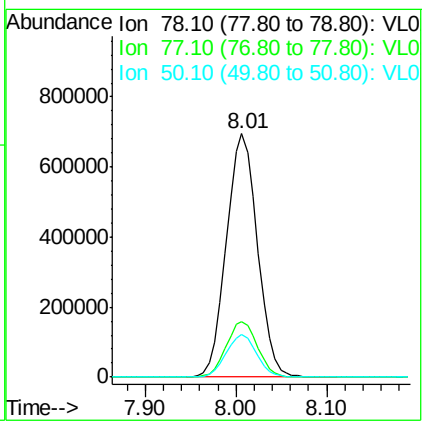


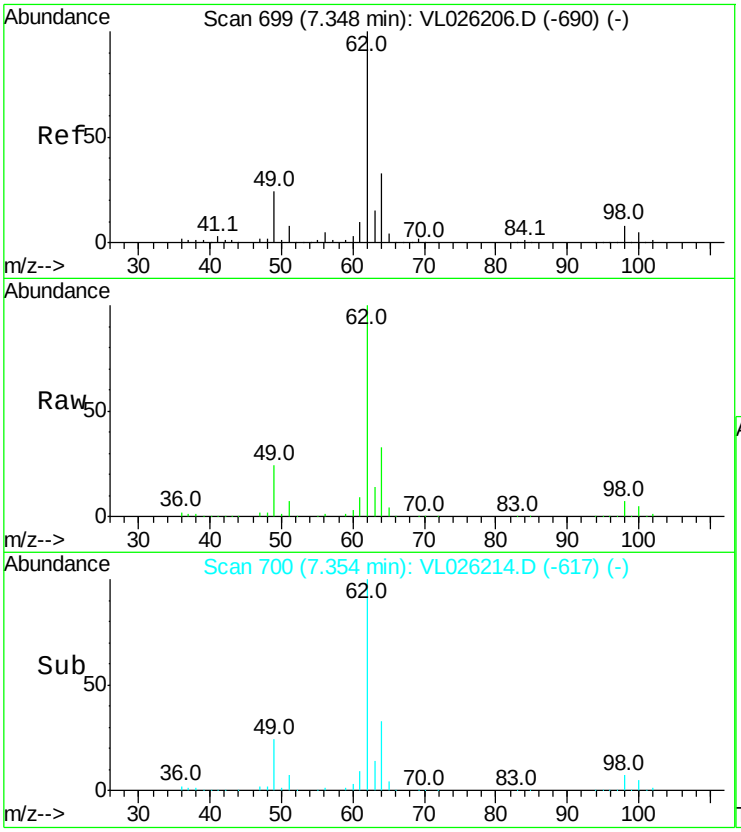


#36
Benzene
Concen: 9.39 ppbv
RT: 8.01 min Scan# 807
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Tgt Ion: 78 Resp: 1655681

Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.1	27.1
50	17.3	13.4	20.0



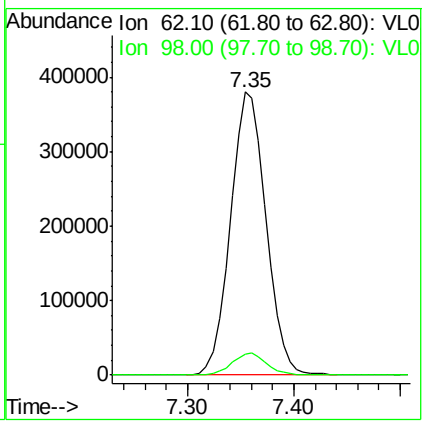


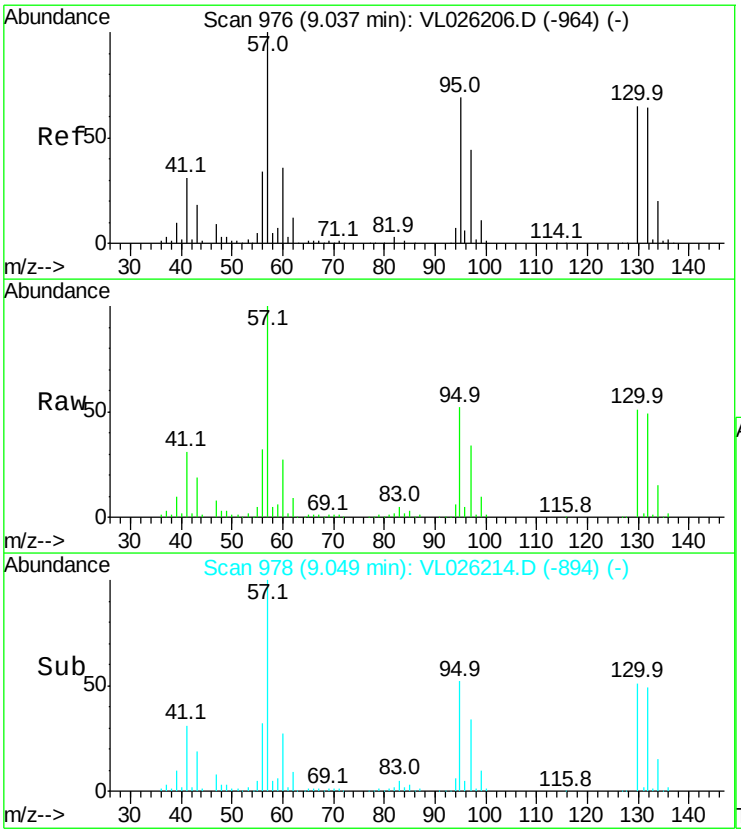
#37
1,2-Dichloroethane
Concen: 9.88 ppbv
RT: 7.35 min Scan# 700
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 62 Resp: 890247

Ion	Ratio	Lower	Upper
62	100		
98	7.6	6.2	9.4

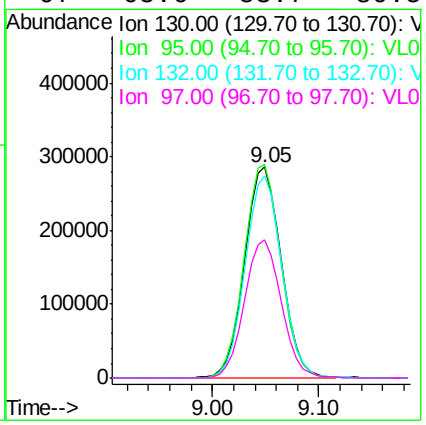


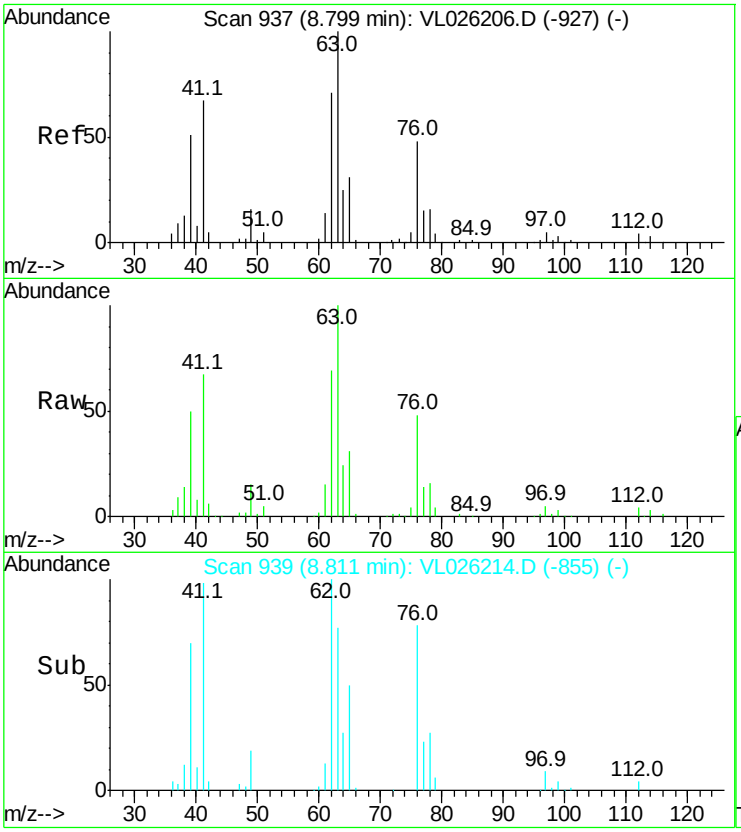


#38
Trichloroethene
Concen: 8.14 ppbv
RT: 9.05 min Scan# 978
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Tgt Ion:130 Resp: 695759

Ion	Ratio	Lower	Upper
130	100		
95	101.2	84.2	126.2
132	95.6	78.5	117.7
97	65.6	53.7	80.5



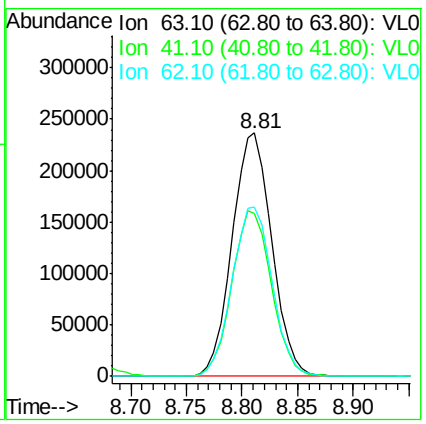


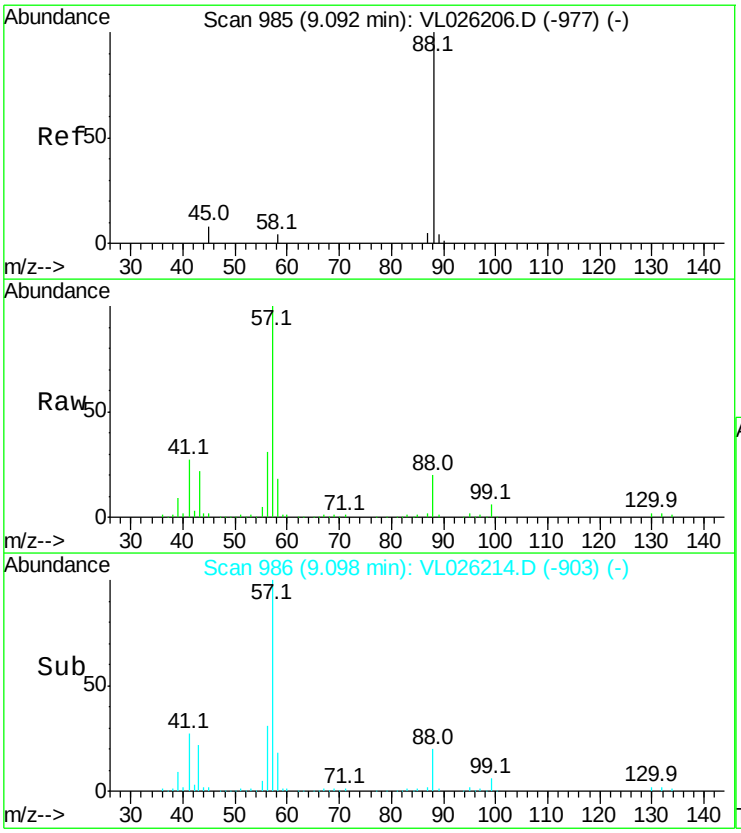
#39
1,2-Dichloropropane
Concen: 9.47 ppbv
RT: 8.81 min Scan# 939
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 63 Resp: 586034

Ion	Ratio	Lower	Upper
63	100		
41	66.5	54.0	81.0
62	69.3	56.7	85.1

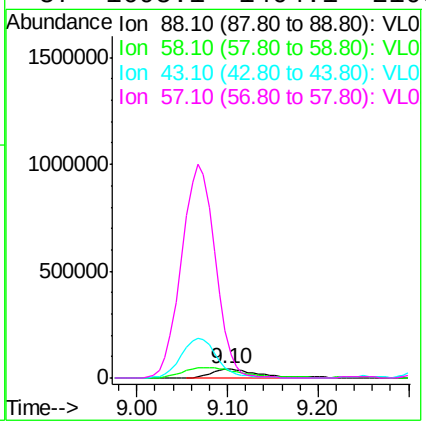


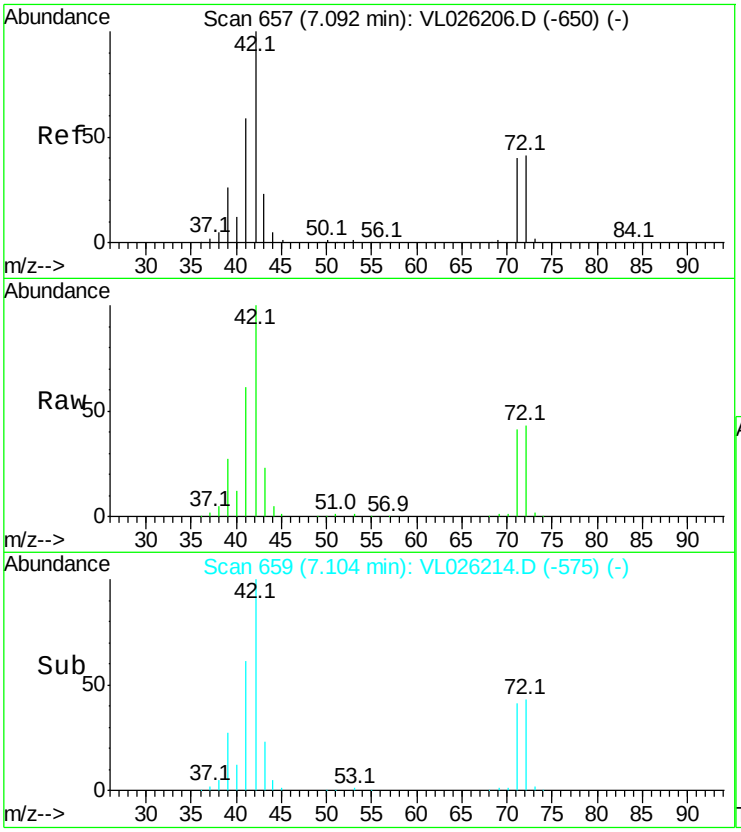


#40
1,4-Dioxane
Concen: 13.43 ppbv
RT: 9.10 min Scan# 986
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Tgt Ion: 88 Resp: 154307

Ion	Ratio	Lower	Upper
88	100		
58	144.3	115.9	173.9
43	340.8	279.4	419.0
57	1695.1	1404.1	2106.1



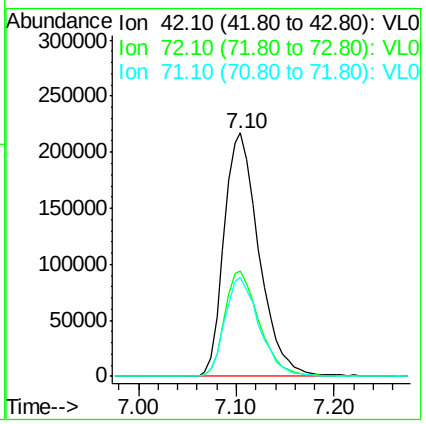


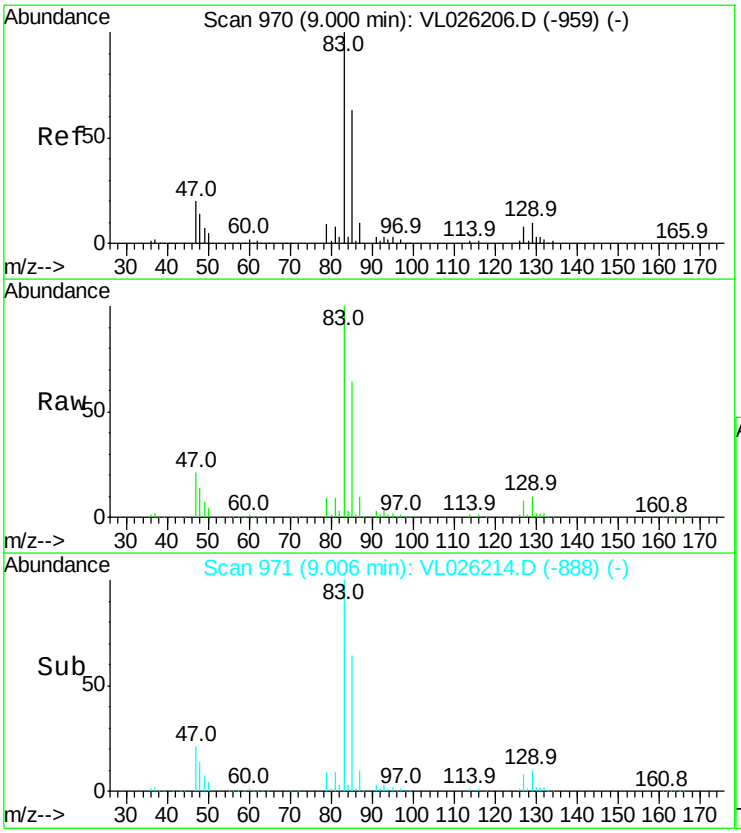
#41
Tetrahydrofuran
Concen: 9.51 ppbv
RT: 7.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 42 Resp: 538377

Ion	Ratio	Lower	Upper
42	100		
72	42.9	33.8	50.6
71	40.1	32.3	48.5

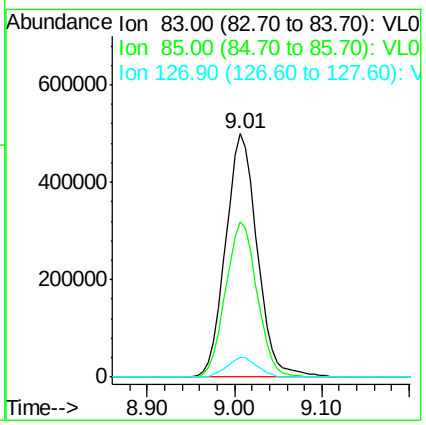


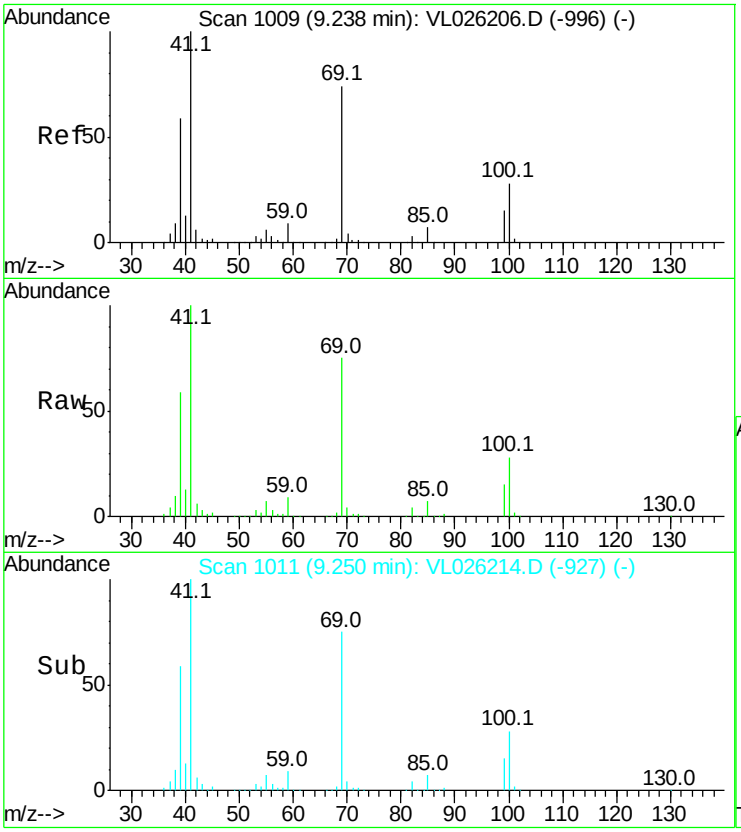


#42
Bromodichloromethane
Concen: 9.68 ppbv
RT: 9.01 min Scan# 971
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Tgt Ion: 83 Resp: 1259409

Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.6	75.8
127	7.8	6.5	9.7



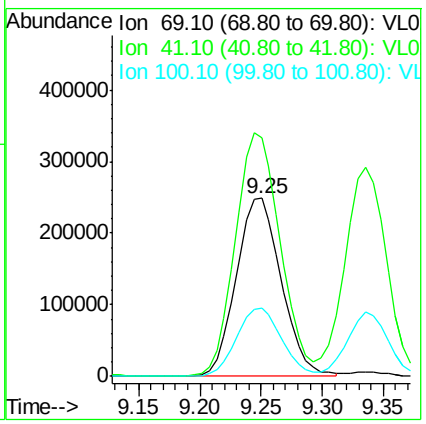


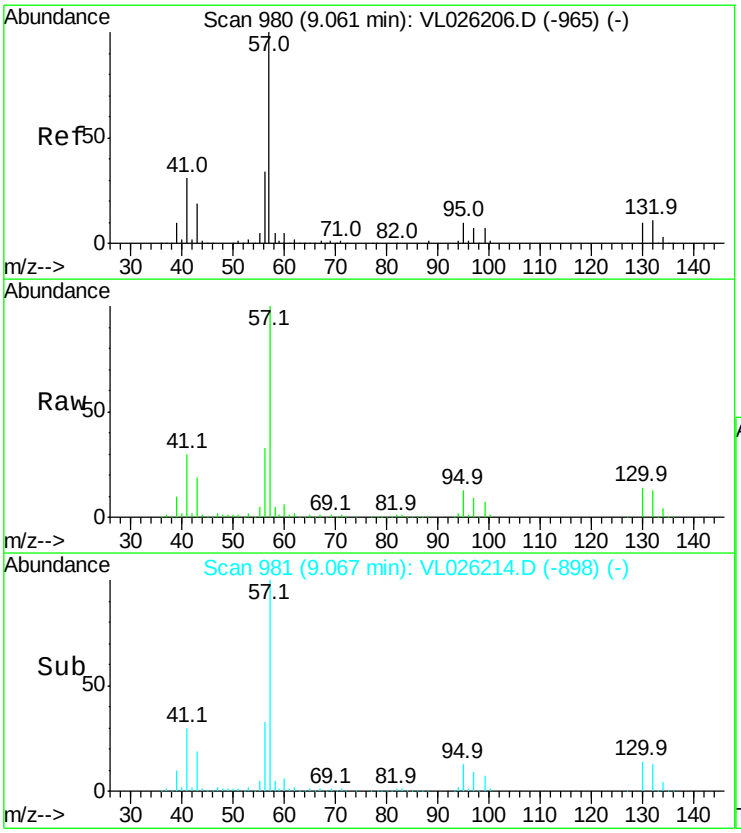
#43
Methyl Methacrylate
Concen: 9.98 ppbv
RT: 9.25 min Scan# 1011
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 69 Resp: 638085

Ion	Ratio	Lower	Upper
69	100		
41	135.5	109.0	163.4
100	38.2	31.0	46.6

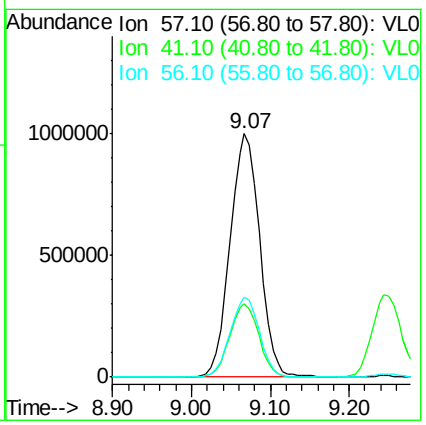


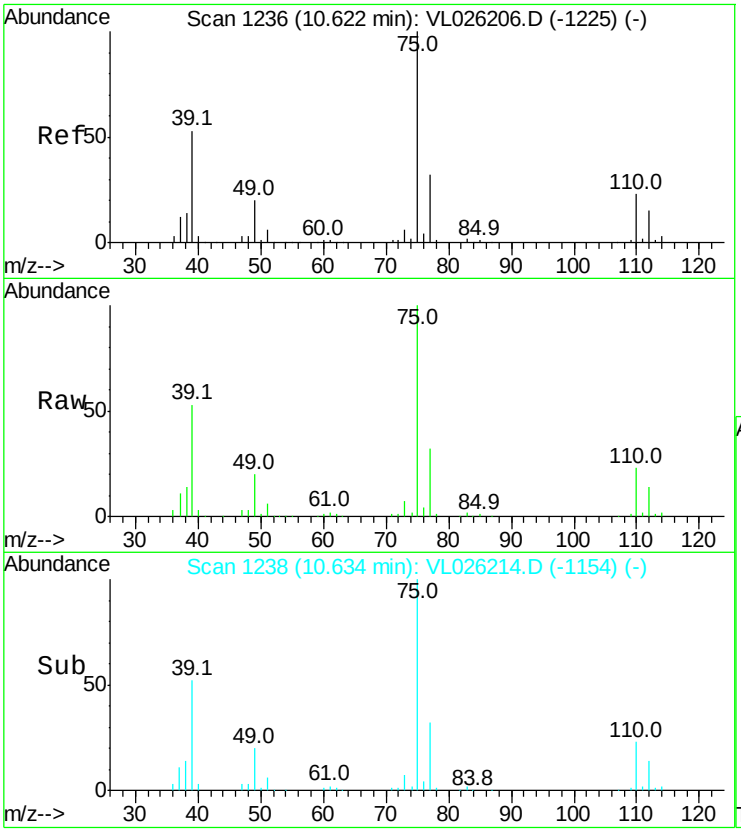


#44
2,2,4-Trimethylpentane
Concen: 9.18 ppbv
RT: 9.07 min Scan# 981
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Tgt Ion: 57 Resp: 2613473

Ion	Ratio	Lower	Upper
57	100		
41	29.6	24.0	36.0
56	32.4	26.6	39.8



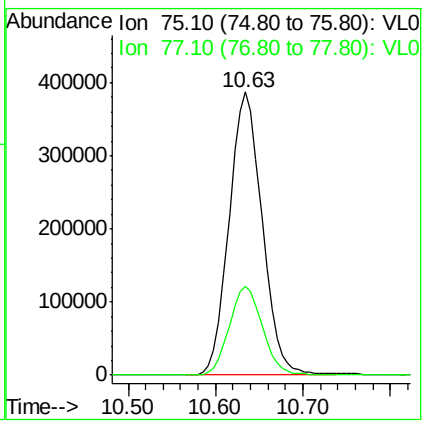


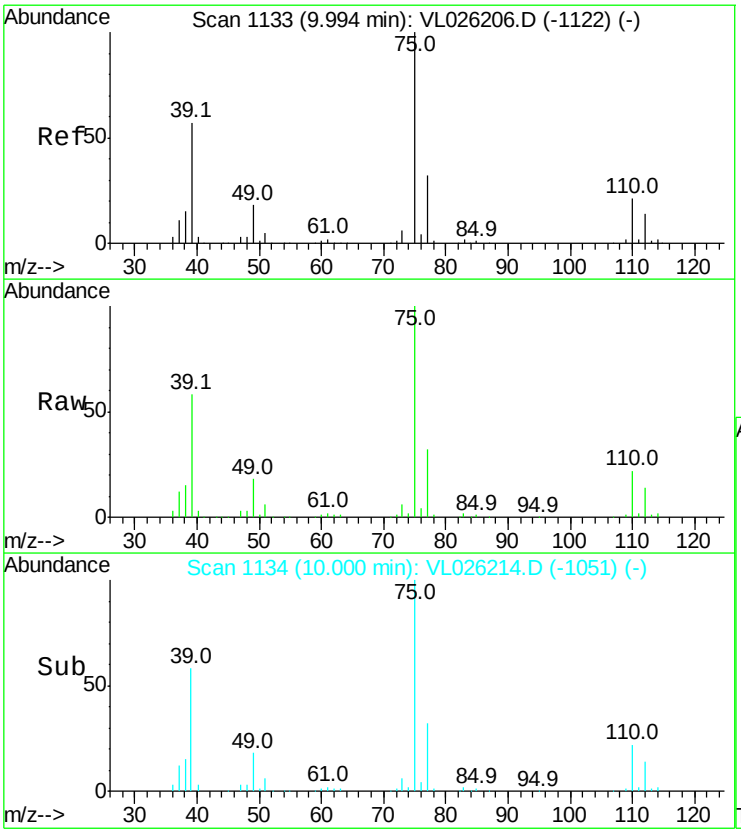
#45
t-1,3-Dichloropropene
Concen: 10.21 ppbv
RT: 10.63 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 75 Resp: 1017787

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.5	38.3

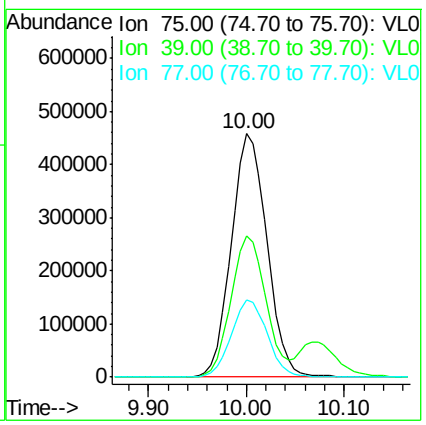


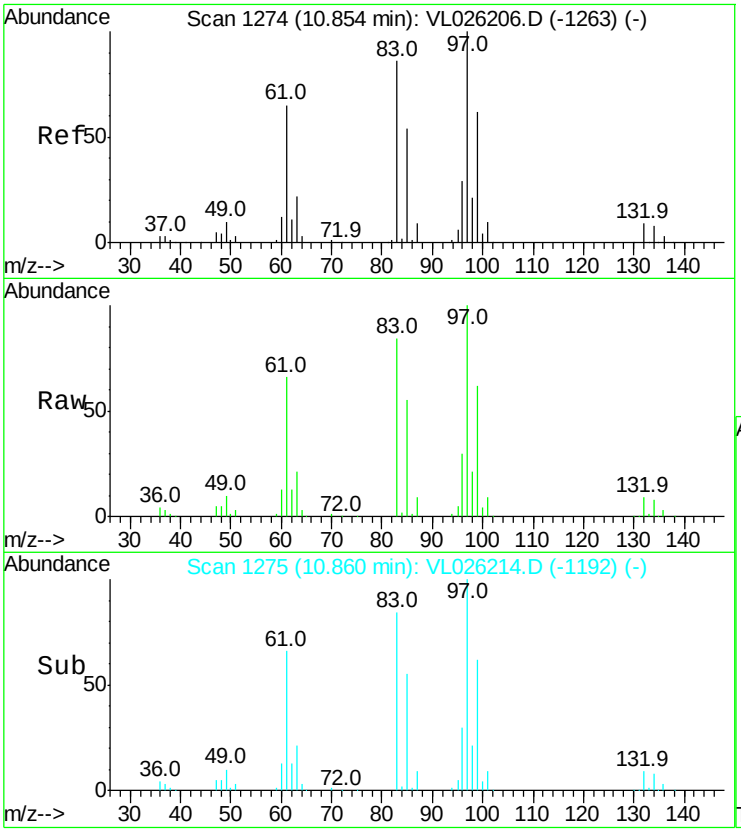


#46
cis-1,3-Dichloropropene
Concen: 9.91 ppbv
RT: 10.00 min Scan# 1134
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Tgt Ion: 75 Resp: 1157683

Ion	Ratio	Lower	Upper
75	100		
39	57.8	45.3	67.9
77	31.7	25.3	37.9



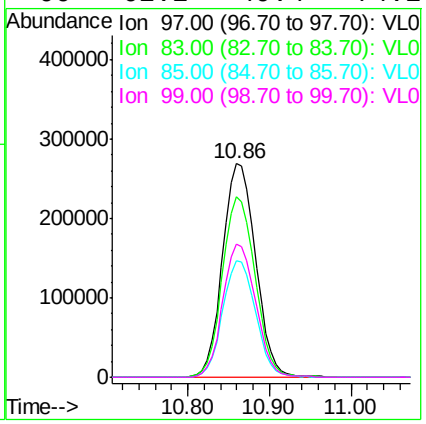


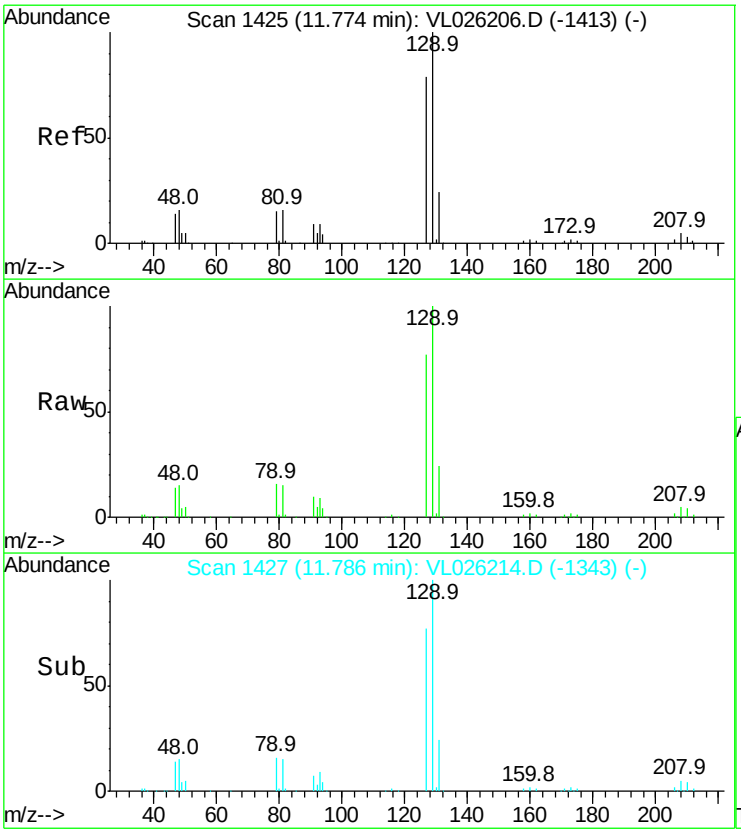
#47
1,1,2-Trichloroethane
Concen: 9.76 ppbv
RT: 10.86 min Scan# 1275
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 97 Resp: 755557

Ion	Ratio	Lower	Upper
97	100		
83	84.3	68.6	103.0
85	54.7	43.5	65.3
99	62.2	49.4	74.2

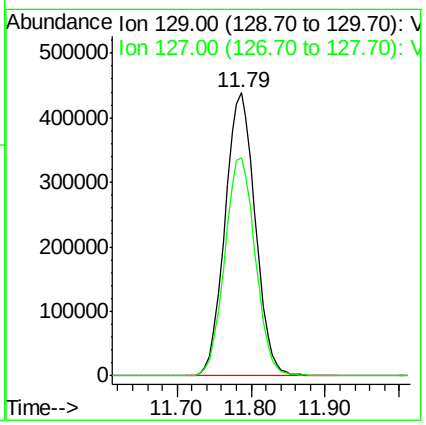


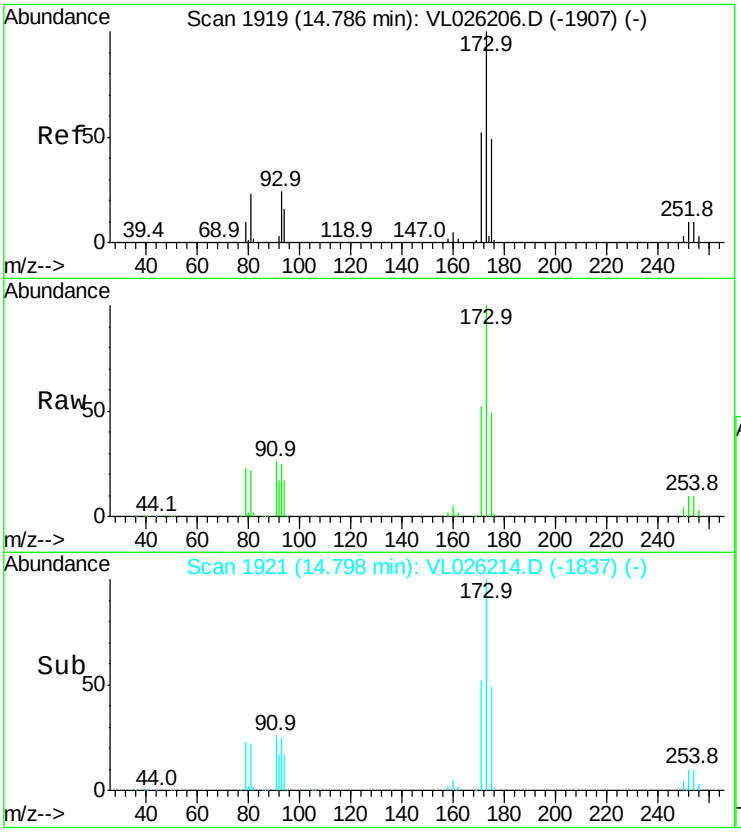


#48
Dibromochloromethane
Concen: 9.89 ppbv
RT: 11.79 min Scan# 1427
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Tgt Ion:129 Resp: 1249135

Ion	Ratio	Lower	Upper
129	100		
127	78.3	39.2	117.6



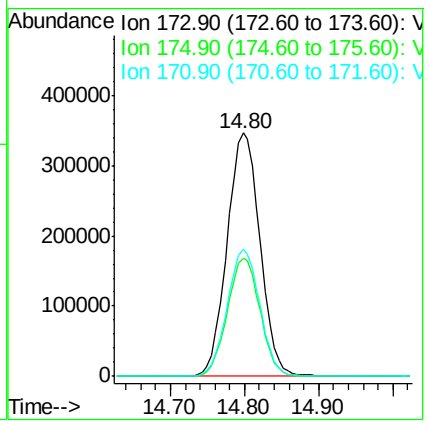


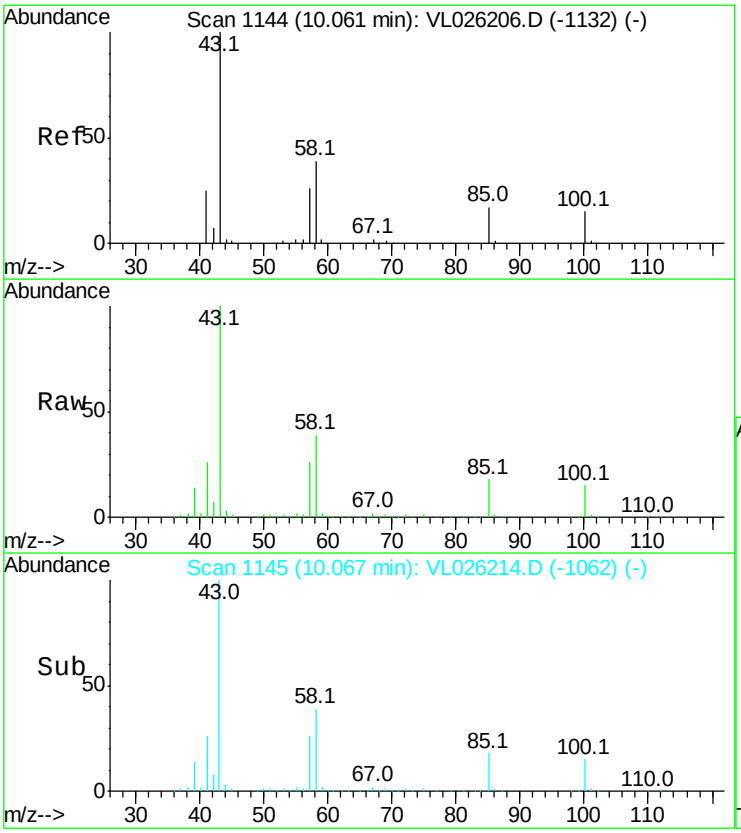
#49
Bromoform
Concen: 10.05 ppbv
RT: 14.80 min Scan# 1921
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:173 Resp: 1071201

Ion	Ratio	Lower	Upper
173	100		
175	48.4	38.7	58.1
171	52.0	41.4	62.0

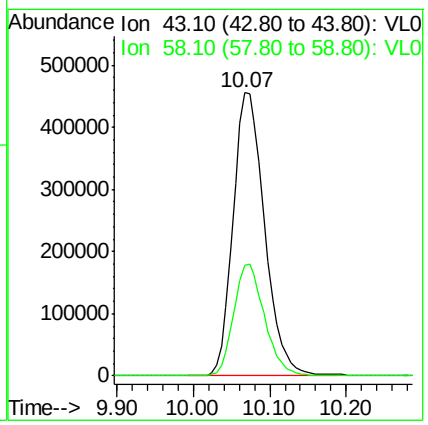


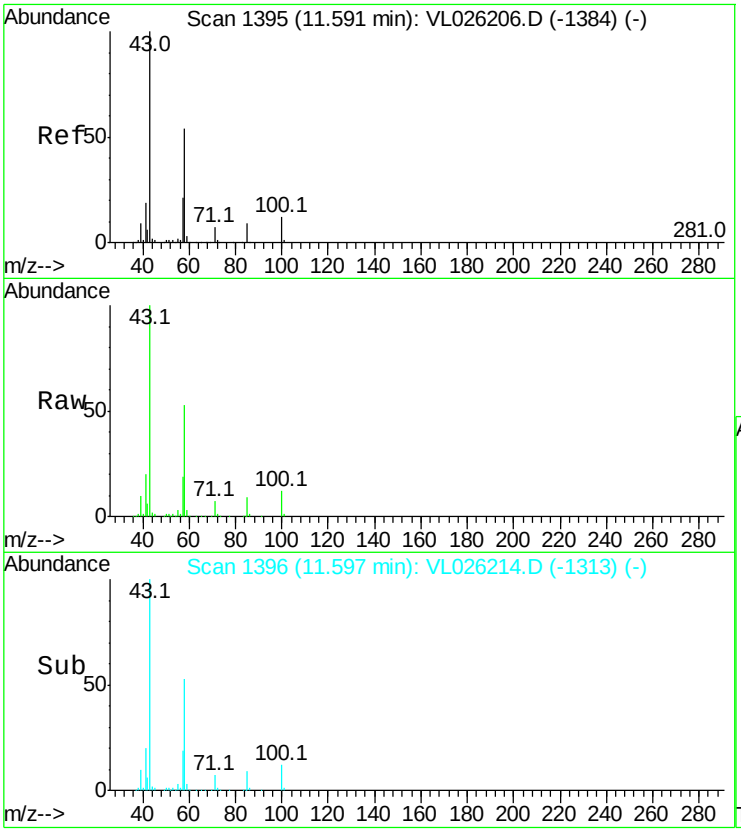


#50
4-Methyl-2-Pentanone
Concen: 9.90 ppbv
RT: 10.07 min Scan# 1145
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Tgt Ion: 43 Resp: 1303861

Ion	Ratio	Lower	Upper
43	100		
58	38.9	31.3	46.9



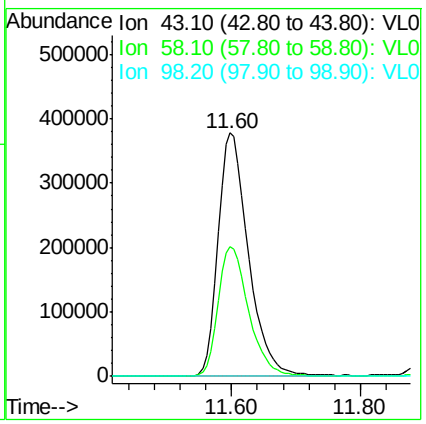


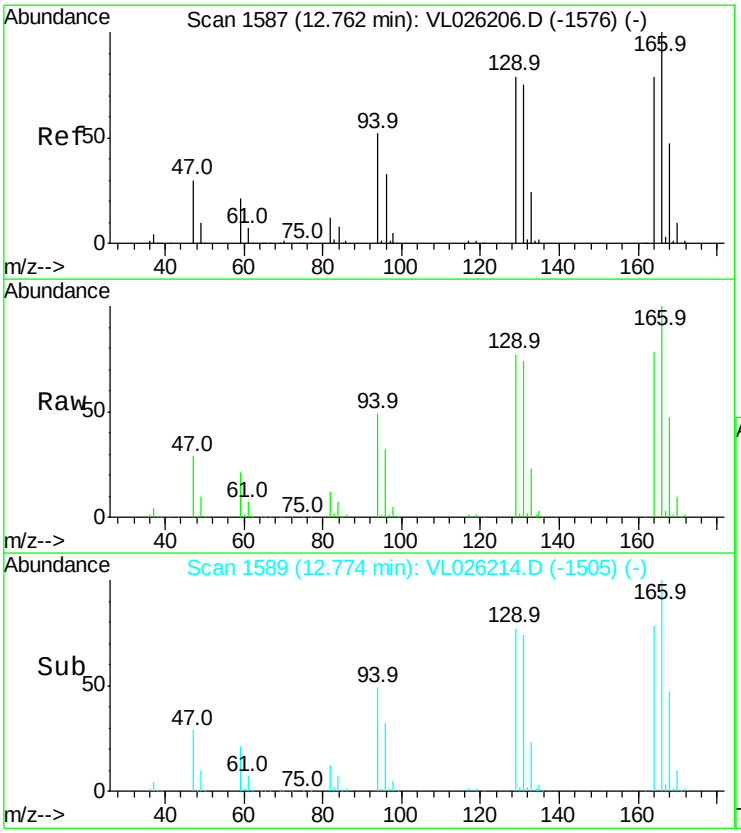
#51
2-Hexanone
Concen: 10.27 ppbv
RT: 11.60 min Scan# 1396
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 43 Resp: 1253064

Ion	Ratio	Lower	Upper
43	100		
58	54.0	43.9	65.9
98	0.0	0.1	0.1#

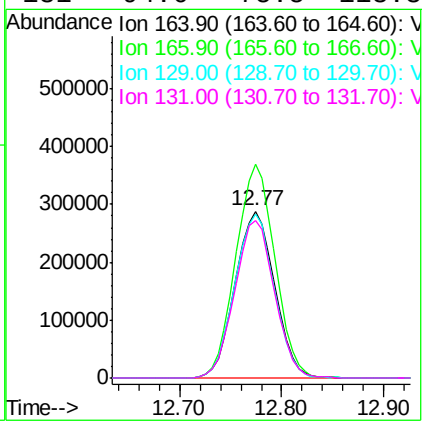


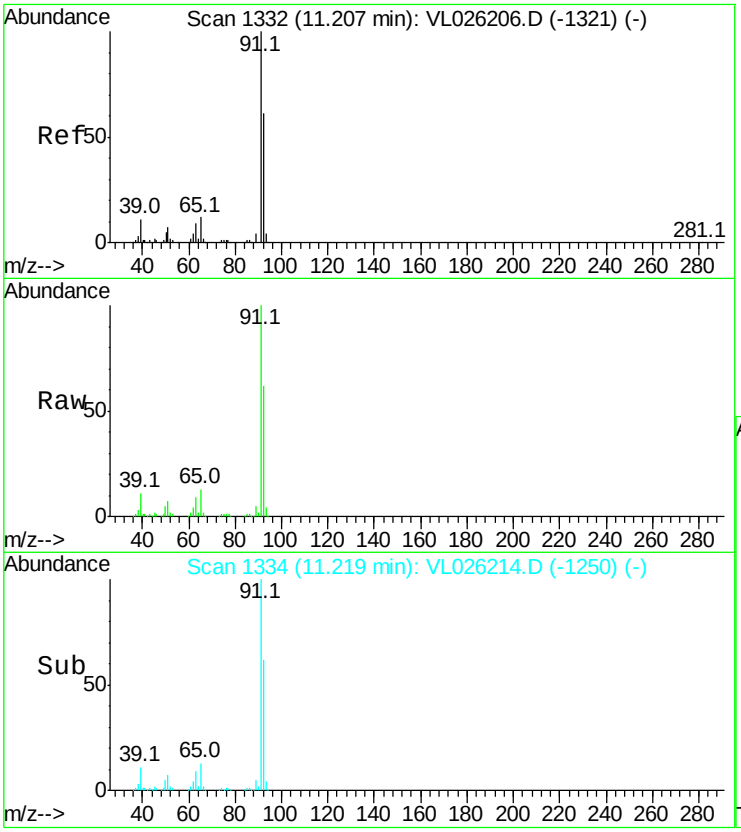


#52
Tetrachloroethene
Concen: 7.70 ppbv
RT: 12.77 min Scan# 1589
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Tgt Ion:164 Resp: 775303

Ion	Ratio	Lower	Upper
164	100		
166	127.9	100.9	151.3
129	97.8	79.7	119.5
131	94.6	75.5	113.3



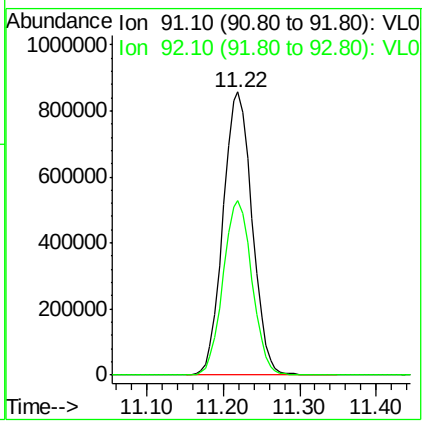


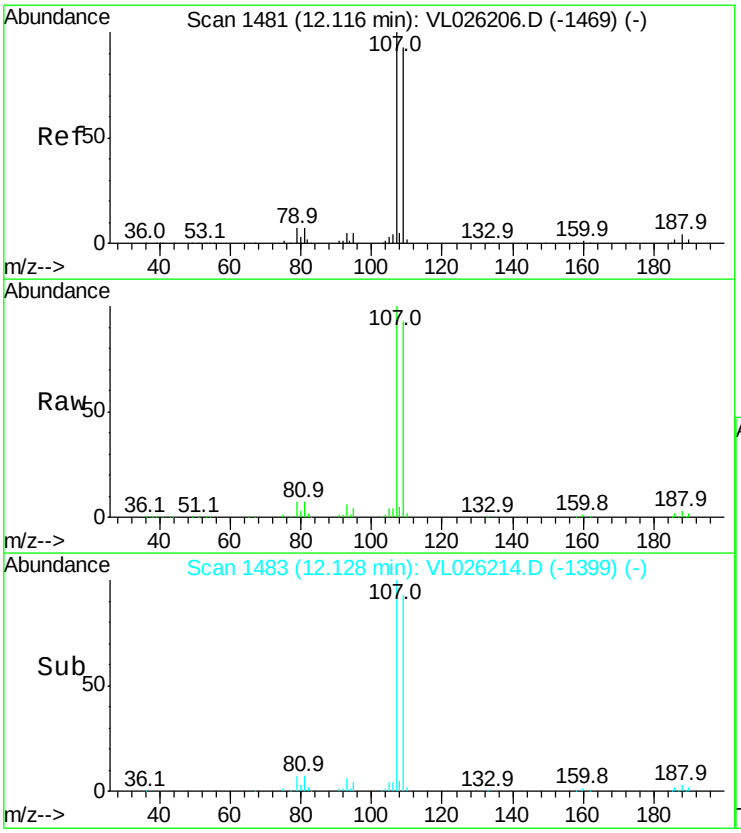
#53
Toluene
Concen: 9.44 ppbv
RT: 11.22 min Scan# 1334
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 91 Resp: 2252637

Ion	Ratio	Lower	Upper
91	100		
92	61.5	49.0	73.6

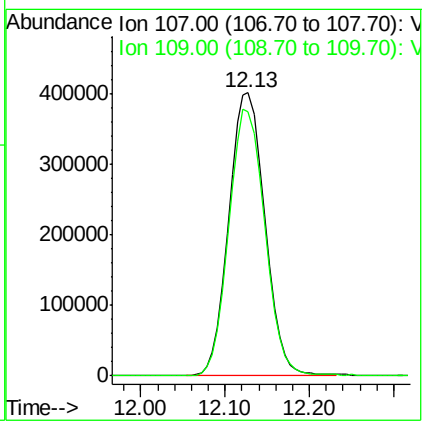


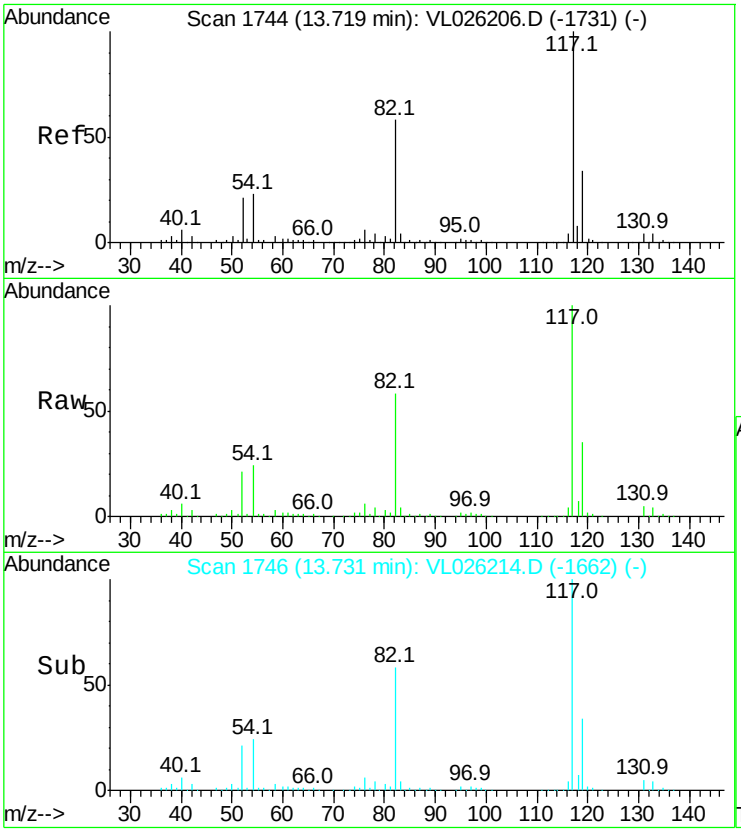


#54
1,2-Dibromoethane
Concen: 9.73 ppbv
RT: 12.13 min Scan# 1483
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Tgt Ion:107 Resp: 1165987

Ion	Ratio	Lower	Upper
107	100		
109	93.4	74.6	112.0



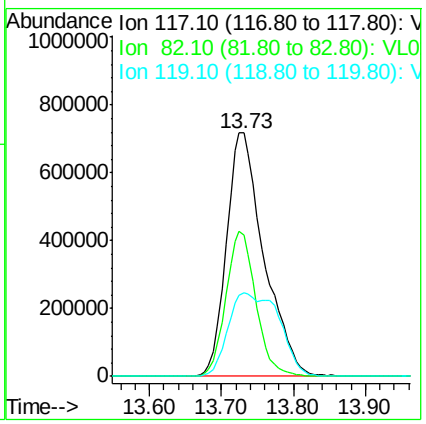


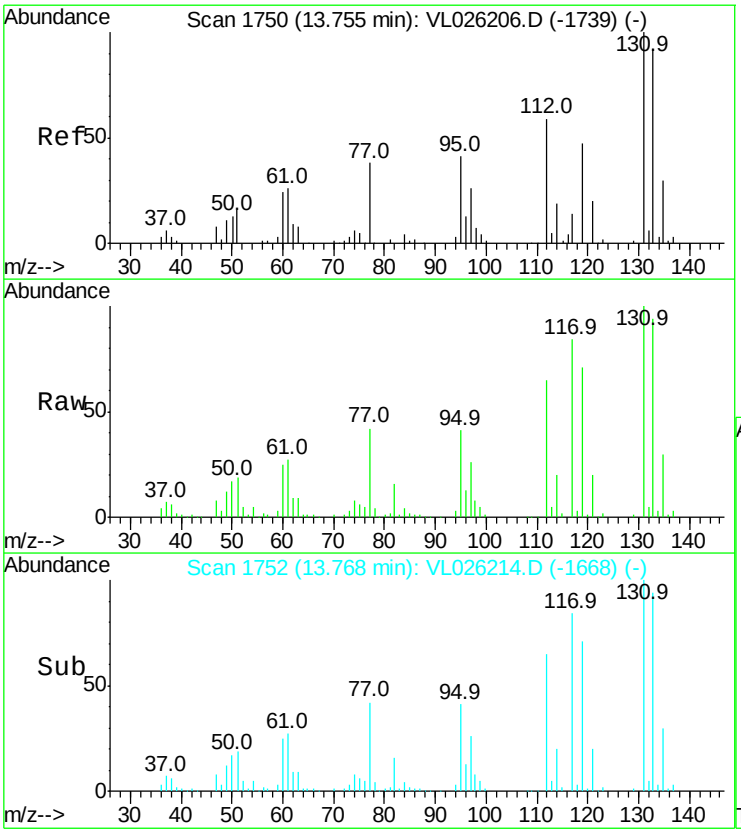
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.73 min Scan# 1746
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 2592506

Ion	Ratio	Lower	Upper
117	100		
82	48.0	46.3	69.5
119	47.1	45.0	67.4

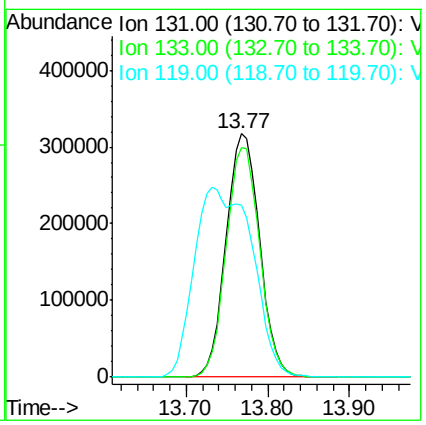


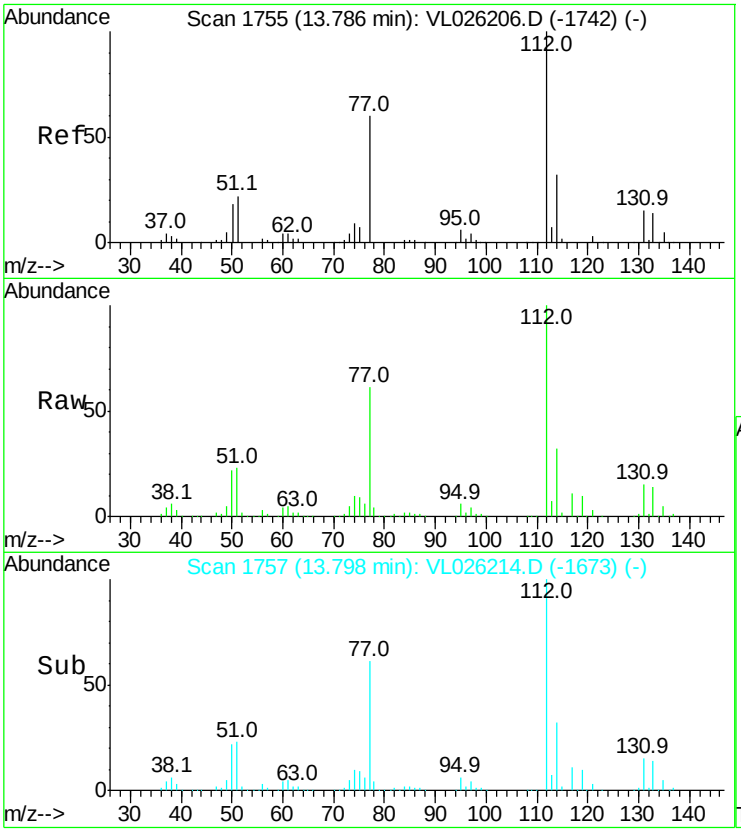


#56
1,1,1,2-Tetrachloroethane
Concen: 7.28 ppbv
RT: 13.77 min Scan# 1752
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Tgt Ion:131 Resp: 904011

Ion	Ratio	Lower	Upper
131	100		
133	94.9	76.1	114.1
119	135.0	109.4	164.2



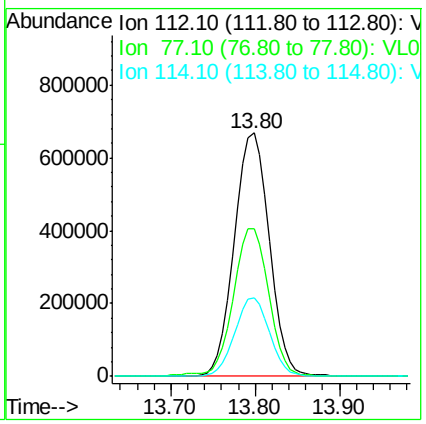


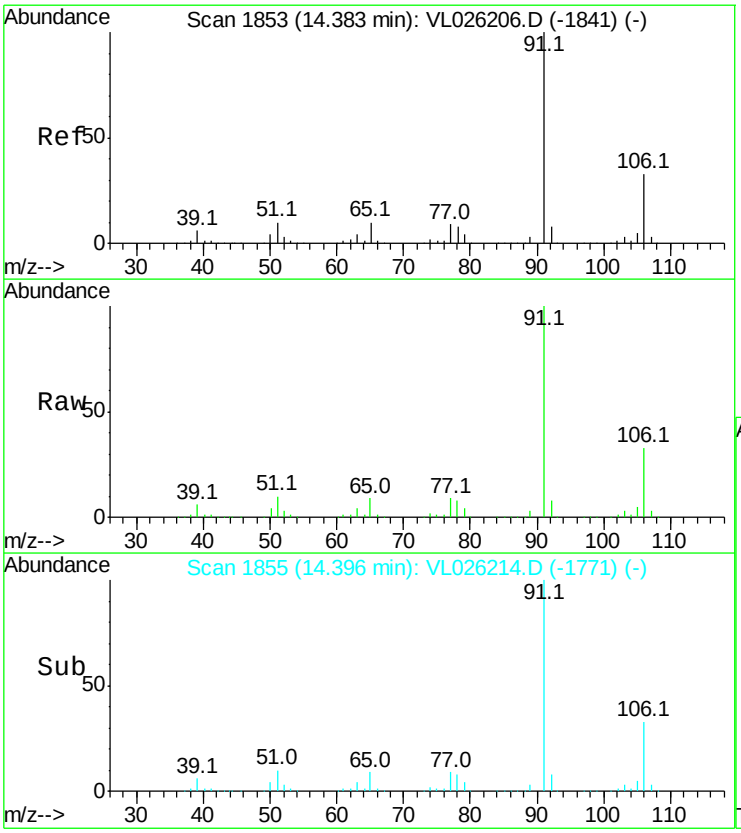
#57
Chlorobenzene
Concen: 7.62 ppbv
RT: 13.80 min Scan# 1757
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:112 Resp: 1885924

Ion	Ratio	Lower	Upper
112	100		
77	60.5	48.2	72.4
114	32.2	29.0	35.4

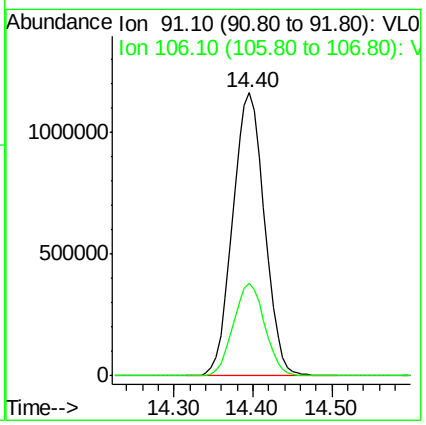


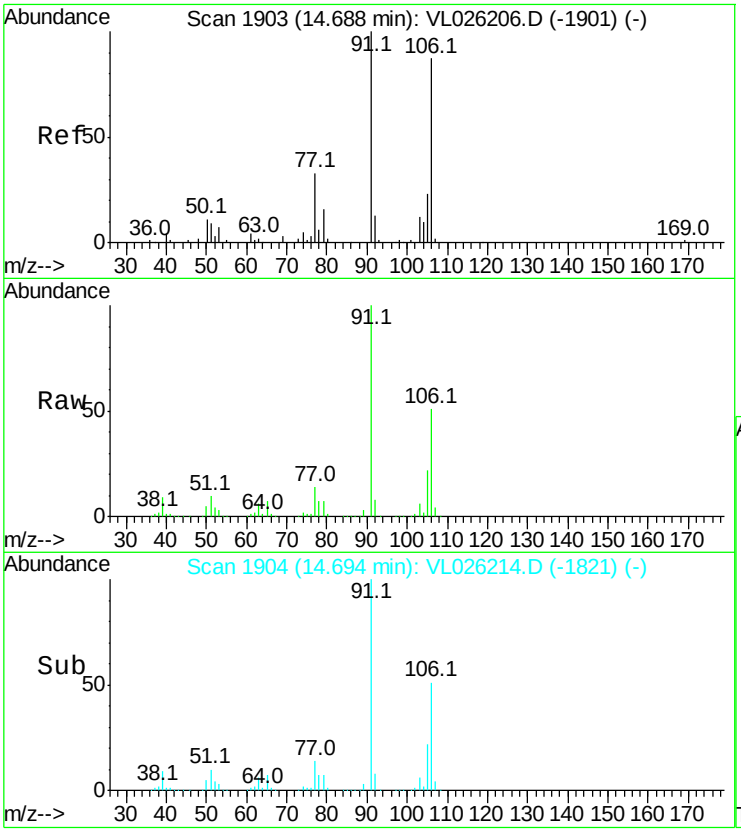


#58
Ethyl Benzene
Concen: 7.79 ppbv
RT: 14.40 min Scan# 1855
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Tgt Ion: 91 Resp: 3260522

Ion	Ratio	Lower	Upper
91	100		
106	32.6	26.2	39.2



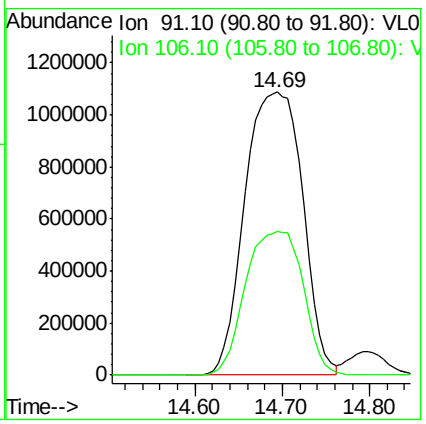


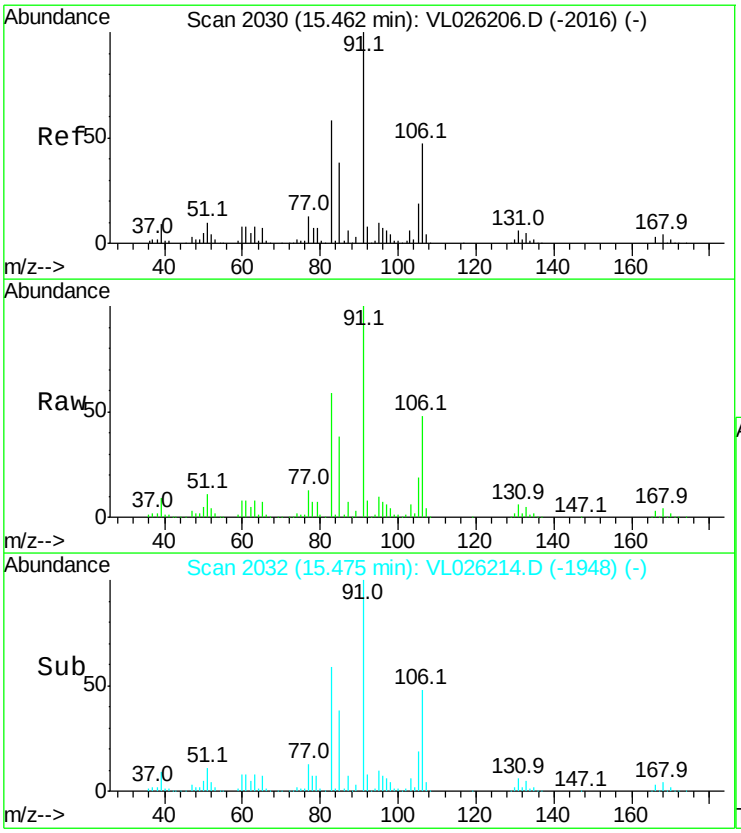
#59
m/p-Xylene
Concen: 15.22 ppbv
RT: 14.69 min Scan# 1904
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 91 Resp: 4999278

Ion	Ratio	Lower	Upper
91	100		
106	50.8	40.6	60.8

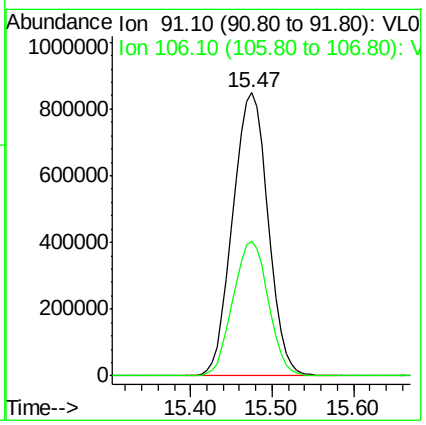


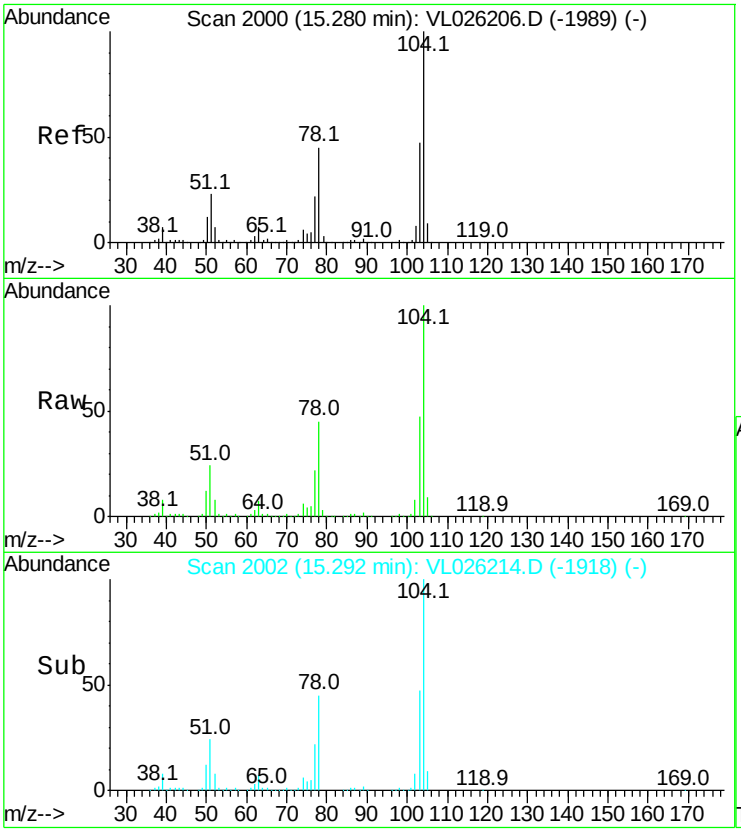


#60
o-Xylene
Concen: 7.43 ppbv
RT: 15.47 min Scan# 2032
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Tgt Ion: 91 Resp: 2552976

Ion	Ratio	Lower	Upper
91	100		
106	47.7	23.6	71.0



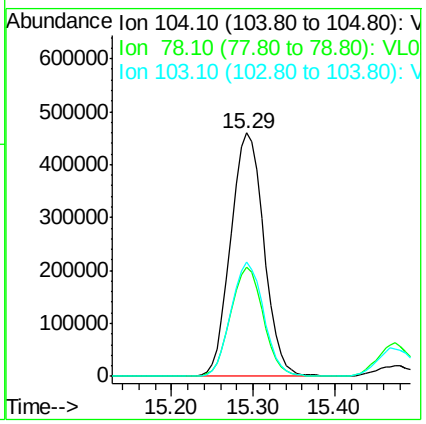


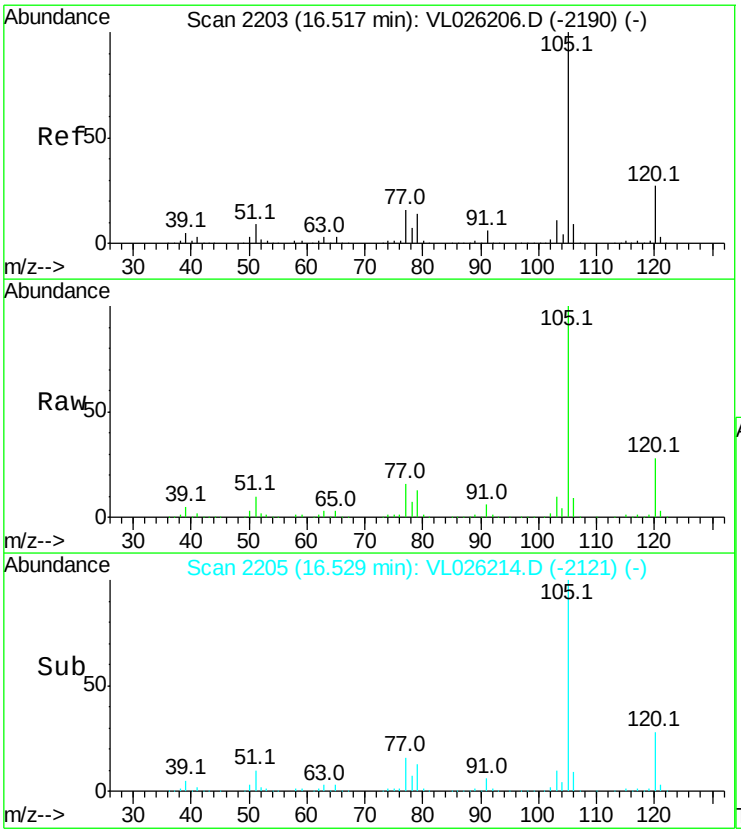
#61
Styrene
Concen: 8.38 ppbv
RT: 15.29 min Scan# 2002
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:104 Resp: 1299403

Ion	Ratio	Lower	Upper
104	100		
78	44.1	35.6	53.4
103	46.2	37.1	55.7

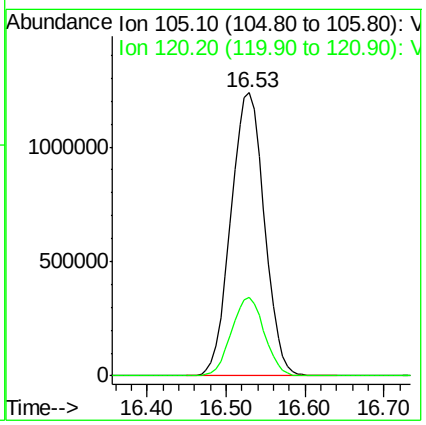


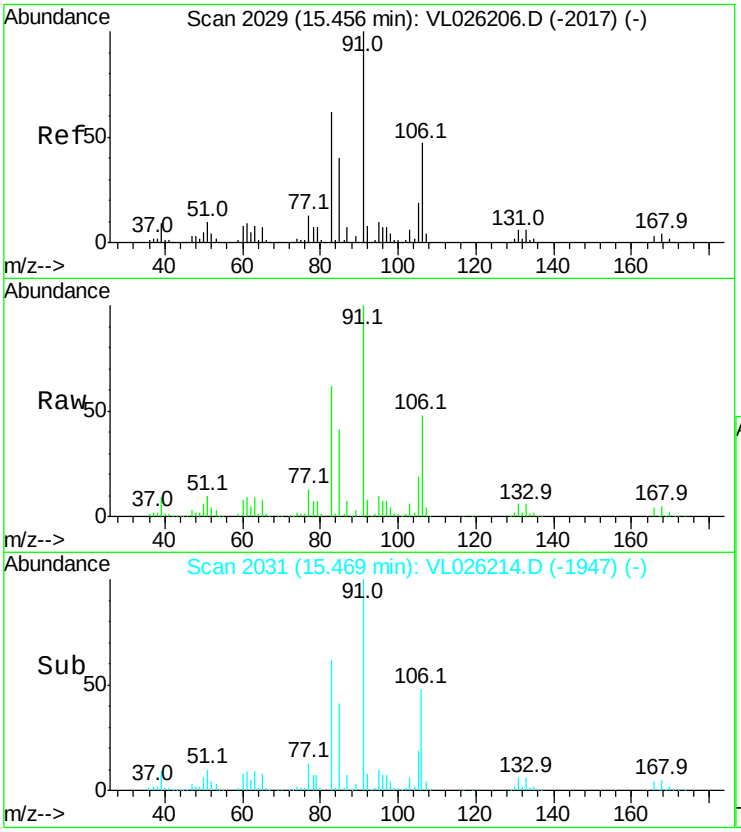


#62
Isopropylbenzene
Concen: 7.68 ppbv
RT: 16.53 min Scan# 2205
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Tgt Ion:105 Resp: 3664559

Ion	Ratio	Lower	Upper
105	100		
120	27.3	21.8	32.6



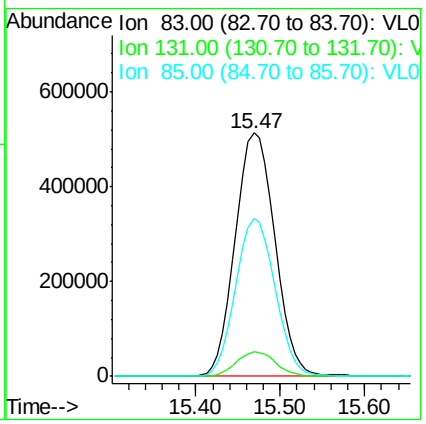


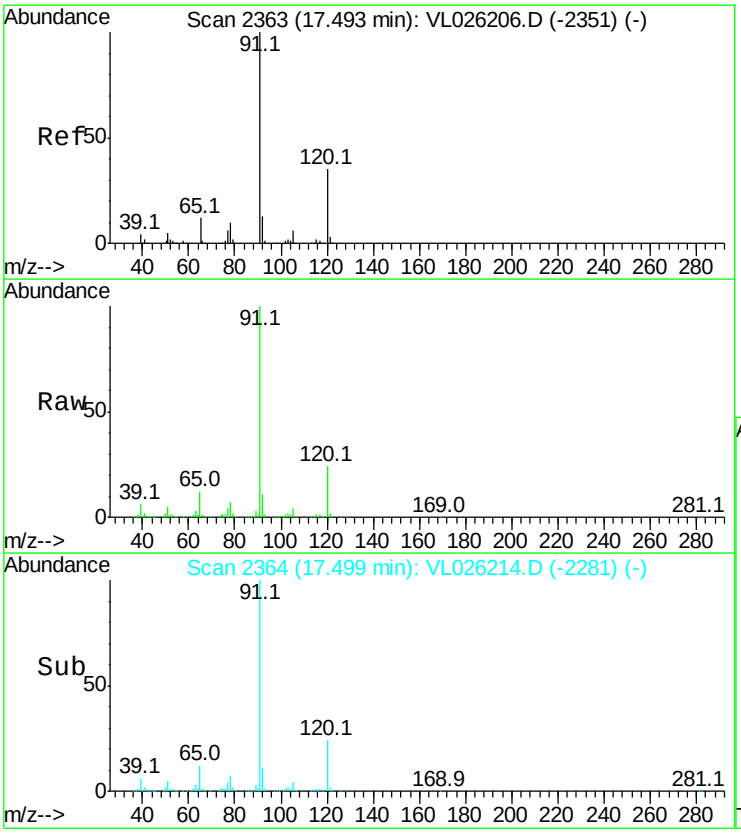
#63
1,1,2,2-Tetrachloroethane
Concen: 7.26 ppbv
RT: 15.47 min Scan# 2031
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 83 Resp: 1648629

Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.9	14.7
85	64.6	32.3	96.8

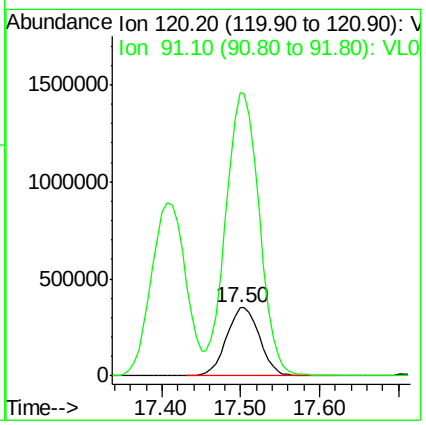


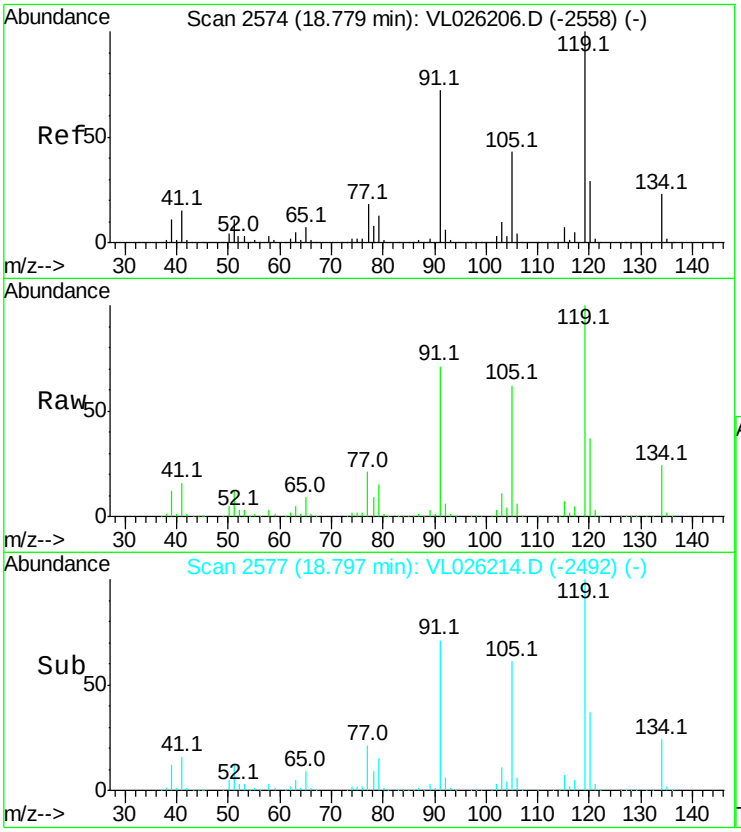


#64
n-propylbenzene
Concen: 7.82 ppbv
RT: 17.50 min Scan# 2364
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Tgt Ion:120 Resp: 1024791

Ion	Ratio	Lower	Upper
120	100		
91	414.6	332.1	498.1



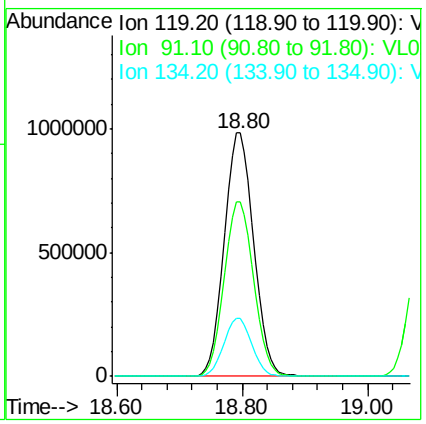


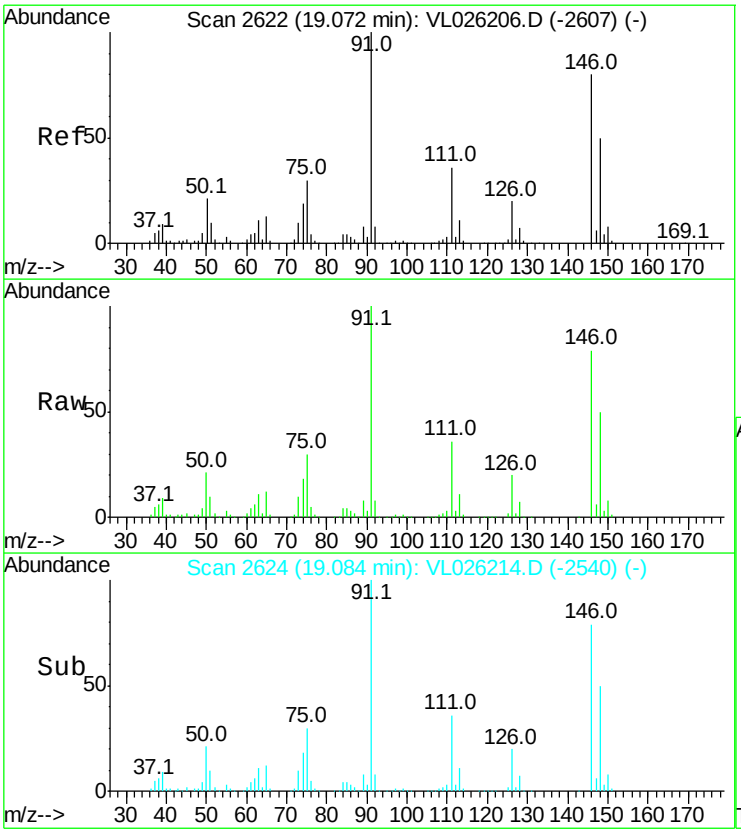
#65
tert-Butylbenzene
Concen: 7.33 ppbv
RT: 18.80 min Scan# 2577
Delta R.T. 0.02 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:119 Resp: 3196393

Ion	Ratio	Lower	Upper
119	100		
91	71.9	57.6	86.4
134	22.6	17.8	26.6

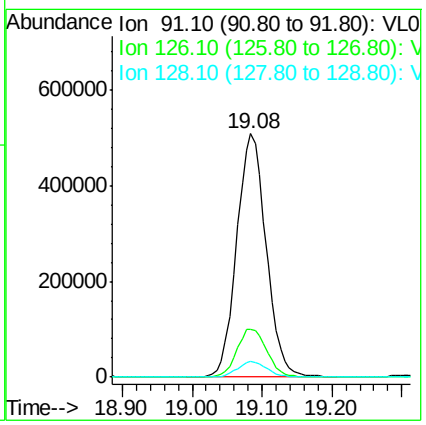


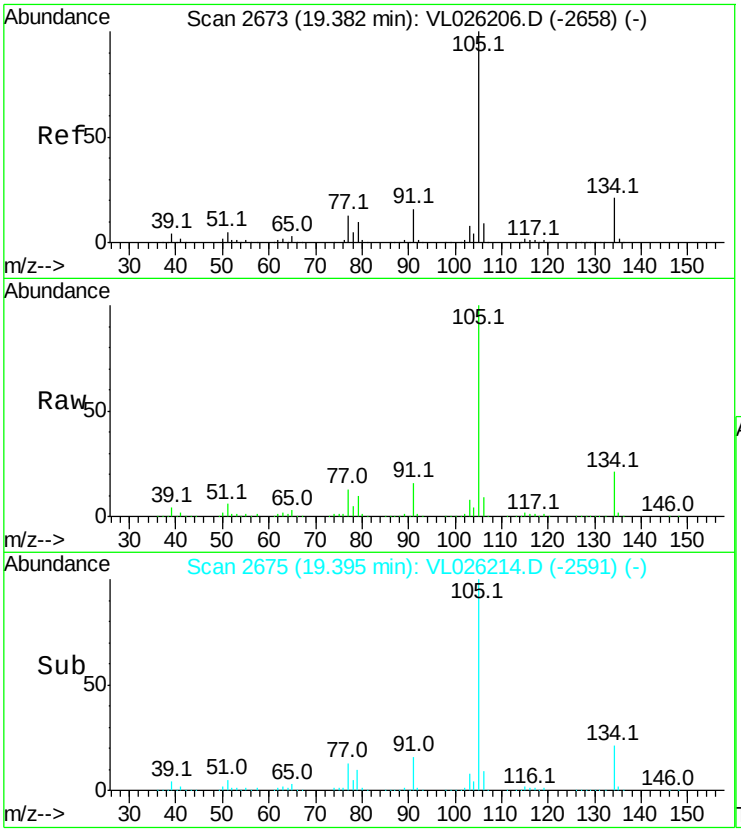


#66
Benzyl Chloride
Concen: 8.25 ppbv
RT: 19.08 min Scan# 2624
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Tgt Ion: 91 Resp: 1484683

Ion	Ratio	Lower	Upper
91	100		
126	20.2	16.1	24.1
128	6.4	5.1	7.7



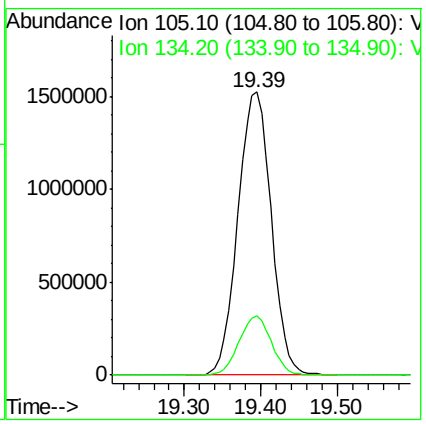


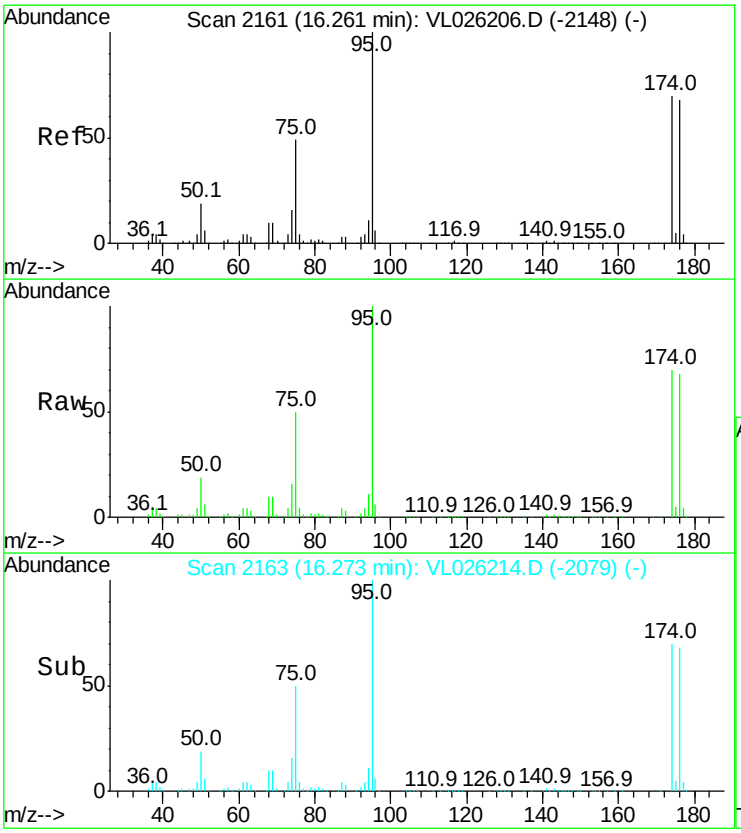
#67
sec-Butylbenzene
Concen: 7.63 ppbv
RT: 19.39 min Scan# 2675
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:105 Resp: 4624751

Ion	Ratio	Lower	Upper
105	100		
134	20.3	16.3	24.5

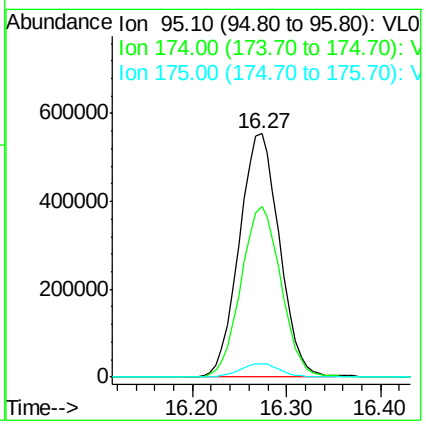


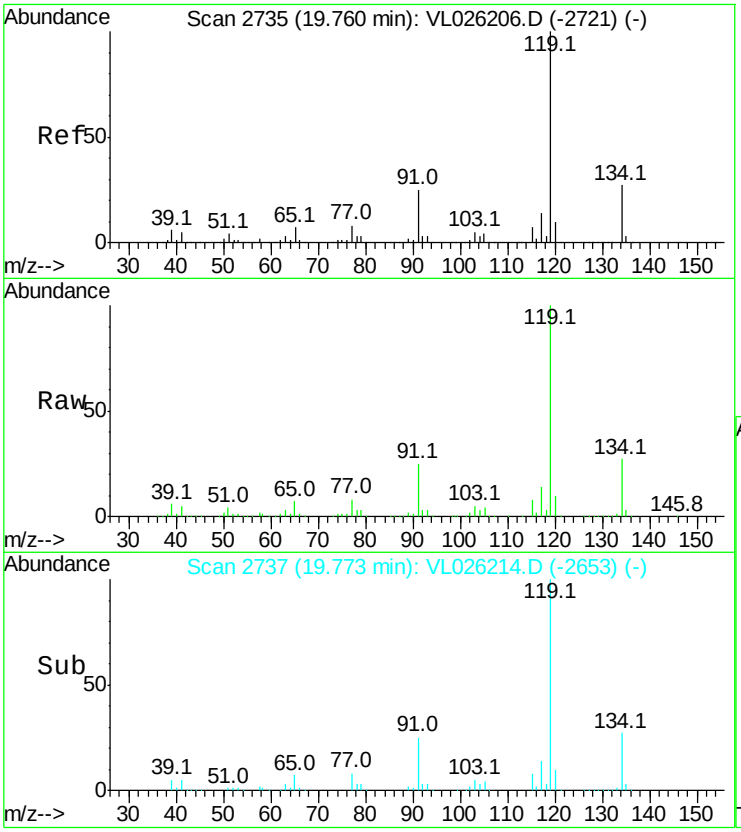


#68
1-Bromo-4-Fluorobenzene
Concen: 8.32 ppbv
RT: 16.27 min Scan# 2163
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Tgt Ion: 95 Resp: 1663897

Ion	Ratio	Lower	Upper
95	100		
174	69.8	56.2	84.2
175	5.4	4.3	6.5



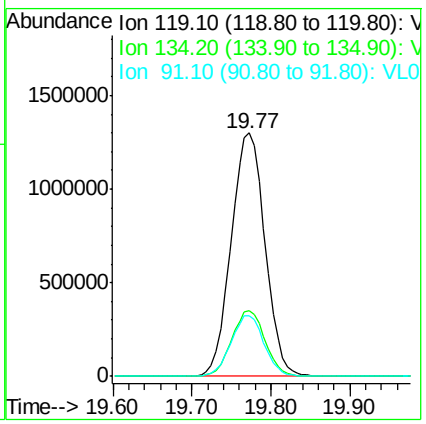


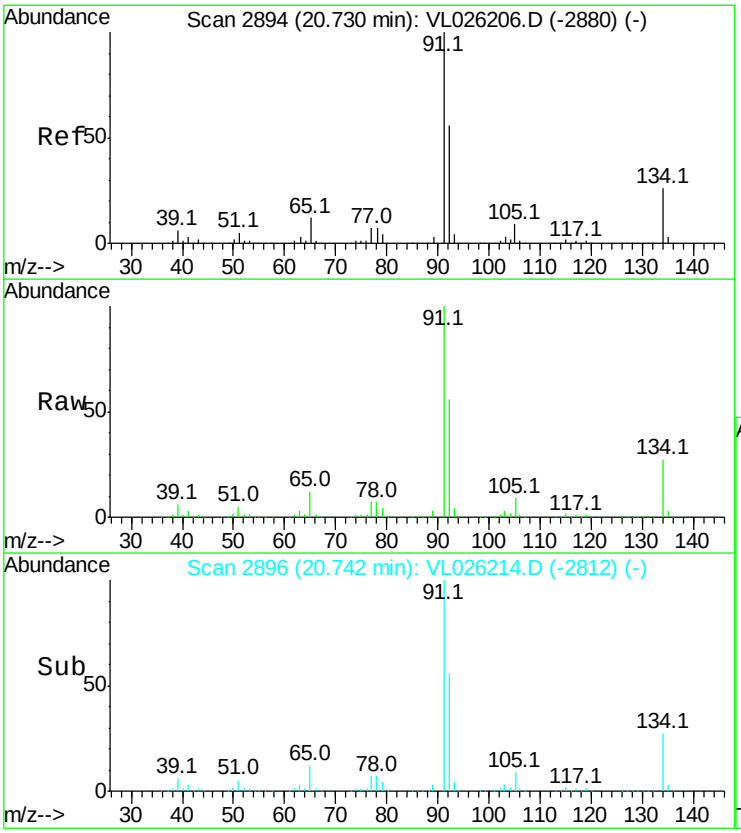
#69
p-Isopropyltoluene
Concen: 7.63 ppbv
RT: 19.77 min Scan# 2737
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:119 Resp: 3871218

Ion	Ratio	Lower	Upper
119	100		
134	26.7	21.4	32.0
91	24.4	19.8	29.8

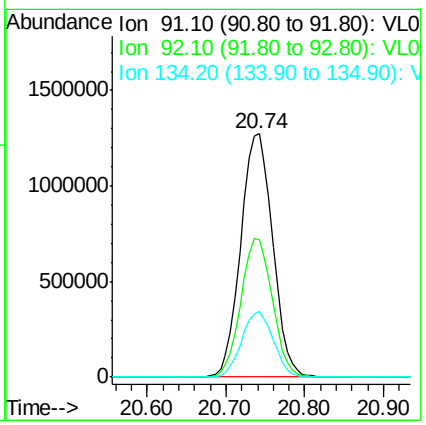


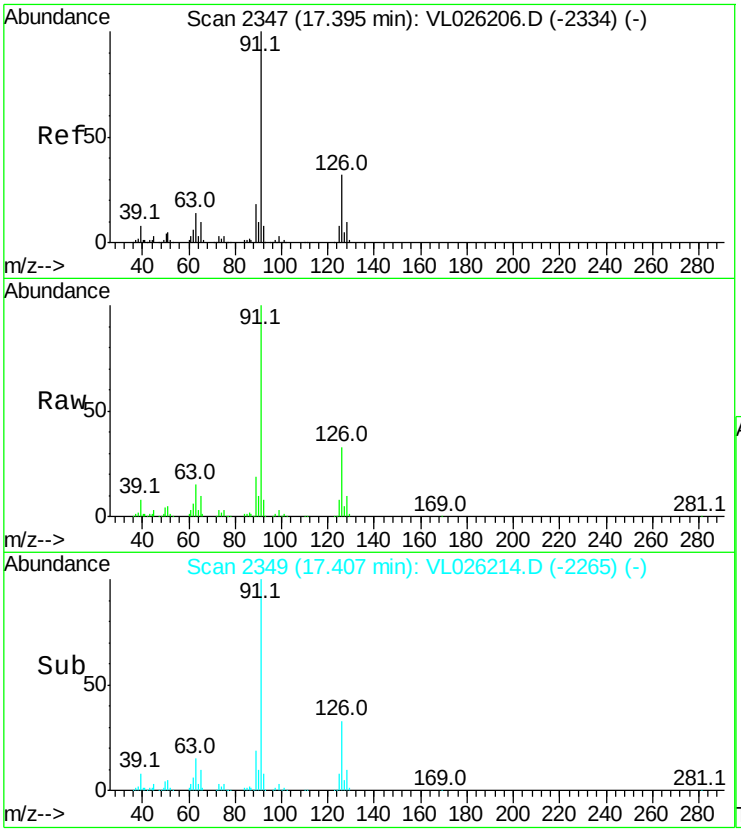


#70
n-Butylbenzene
Concen: 7.76 ppbv
RT: 20.74 min Scan# 2896
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Tgt Ion: 91 Resp: 3590042

Ion	Ratio	Lower	Upper
91	100		
92	56.3	44.7	67.1
134	26.7	21.1	31.7



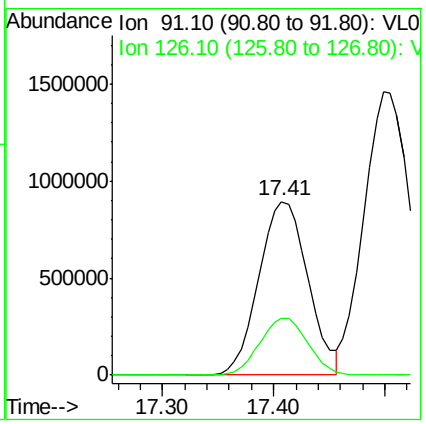


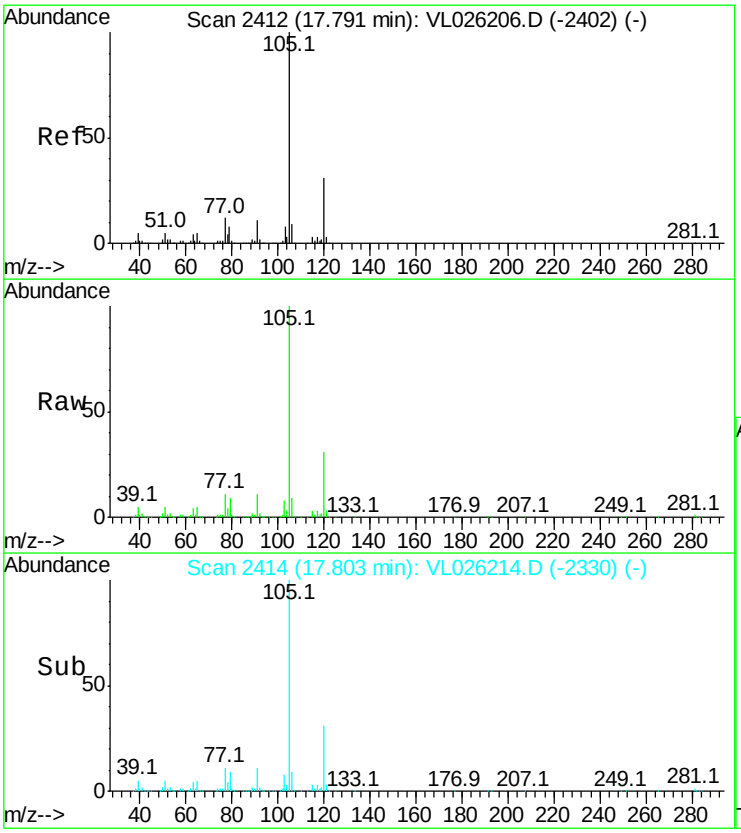
#71
2-Chlorotoluene
Concen: 7.83 ppbv
RT: 17.41 min Scan# 2349
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 91 Resp: 2748755

Ion	Ratio	Lower	Upper
91	100		
126	32.3	12.9	51.7

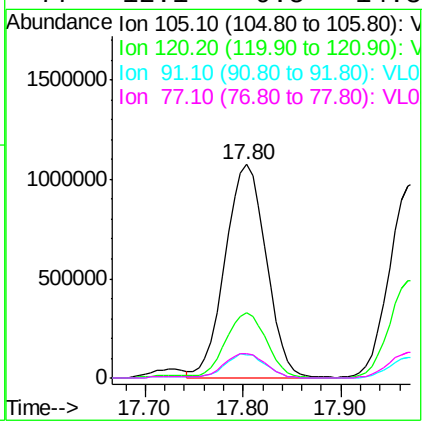


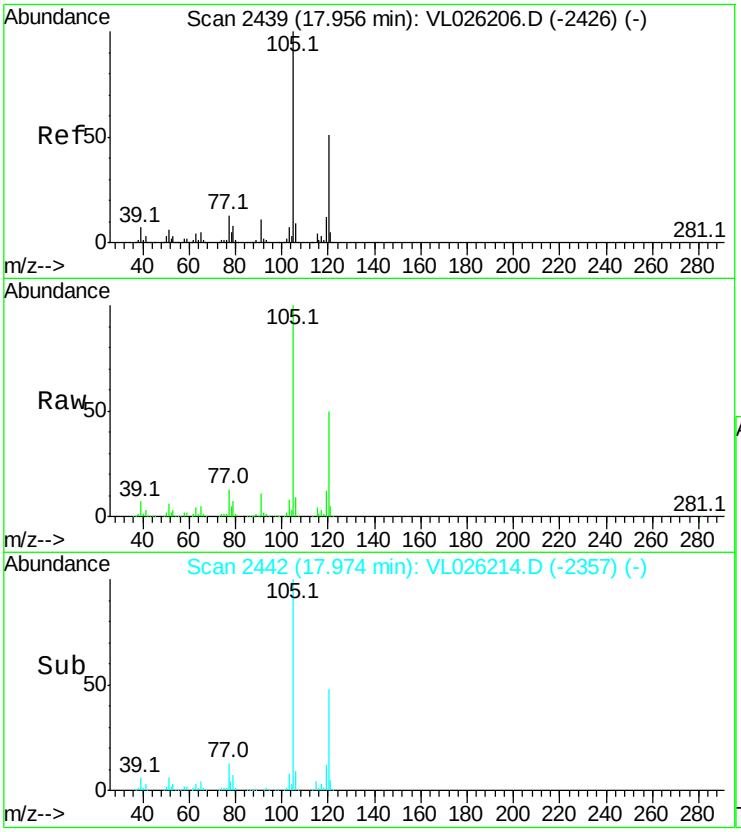


#72
4-Ethyltoluene
Concen: 7.87 ppbv
RT: 17.80 min Scan# 2414
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Tgt Ion:105 Resp: 3141499

Ion	Ratio	Lower	Upper
105	100		
120	31.5	25.2	37.8
91	11.3	9.2	13.8
77	12.1	9.5	14.3



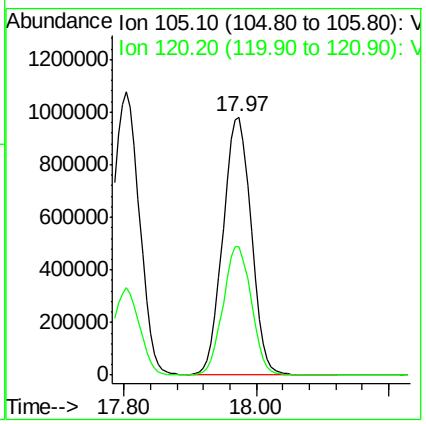


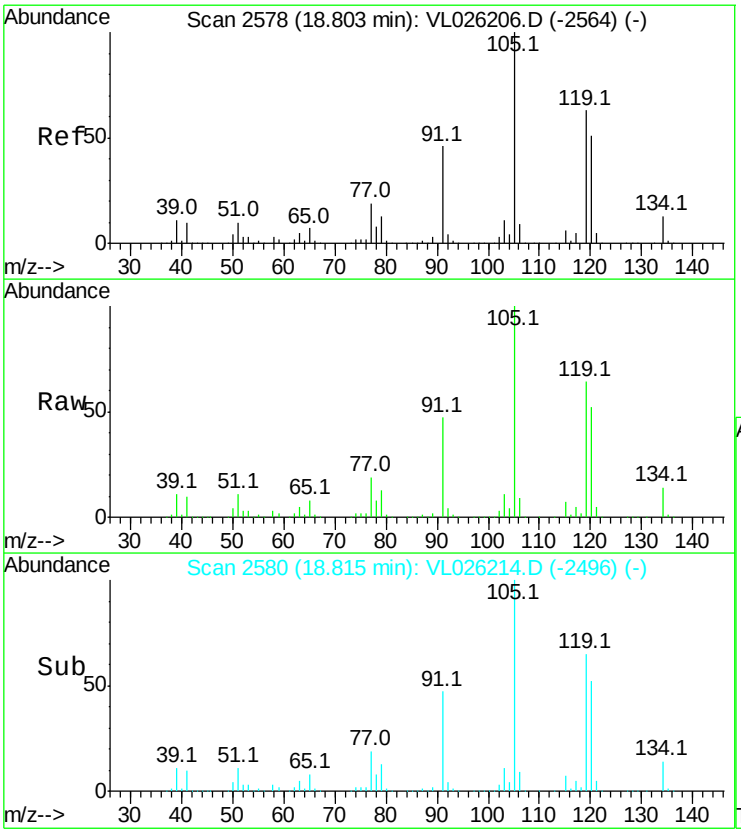
#73
1,3,5-Trimethylbenzene
Concen: 7.81 ppbv
RT: 17.97 min Scan# 2442
Delta R.T. 0.02 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:105 Resp: 2907451

Ion	Ratio	Lower	Upper
105	100		
120	49.7	40.3	60.5

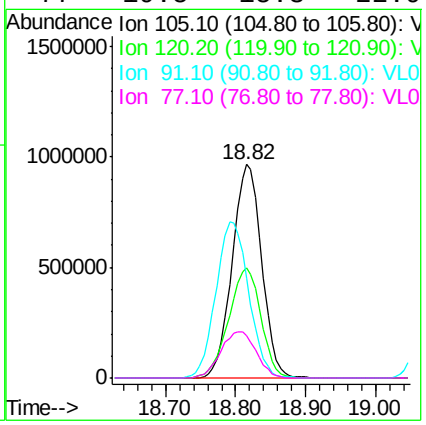


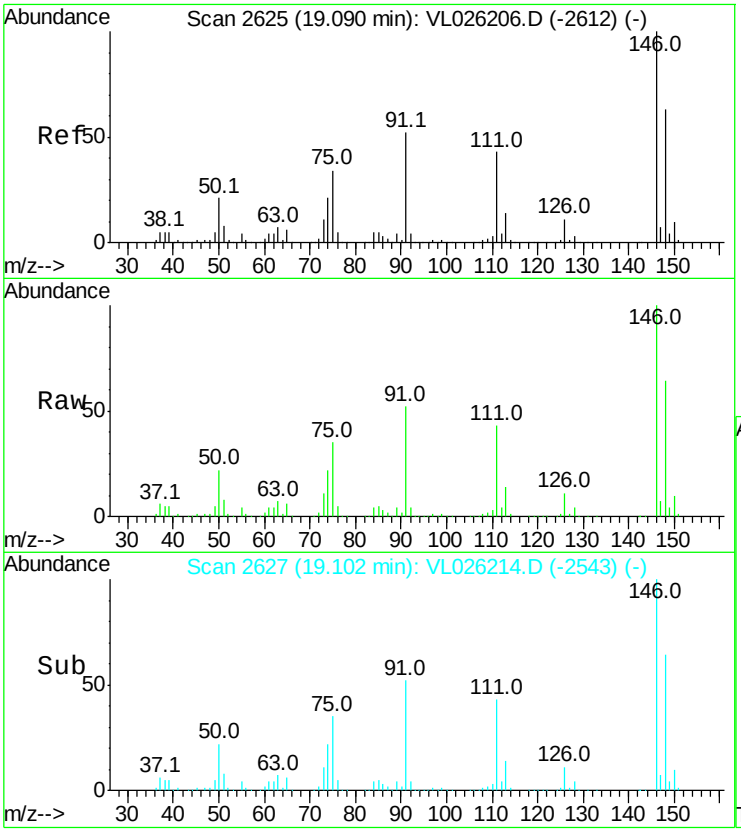


#74
1,2,4-Trimethylbenzene
Concen: 7.33 ppbv
RT: 18.82 min Scan# 2580
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Tgt Ion:105 Resp: 2832896

Ion	Ratio	Lower	Upper
105	100		
120	51.5	40.5	60.7
91	46.5	37.4	56.0
77	19.5	15.3	22.9



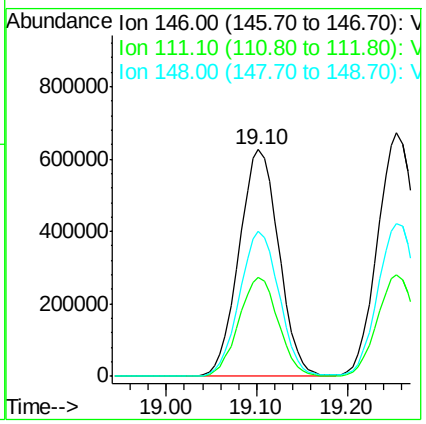


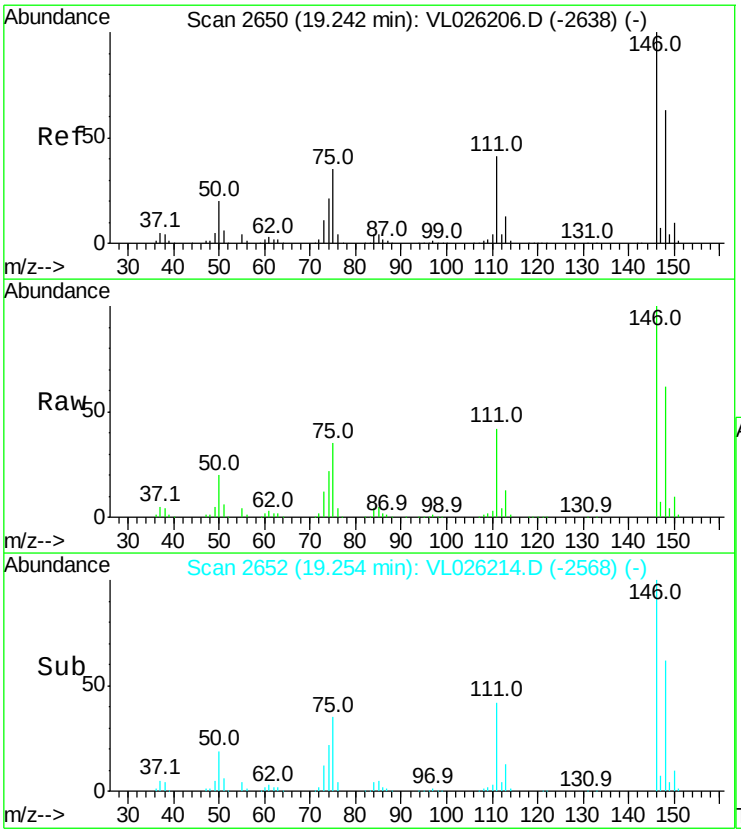
#75
1,3-Dichlorobenzene
Concen: 7.57 ppbv
RT: 19.10 min Scan# 2627
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:146 Resp: 1907998

Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.6	65.0
148	63.6	31.7	95.1

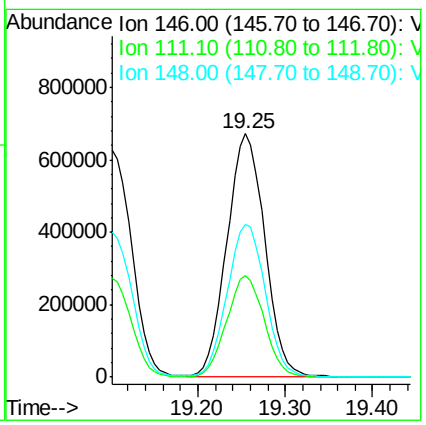


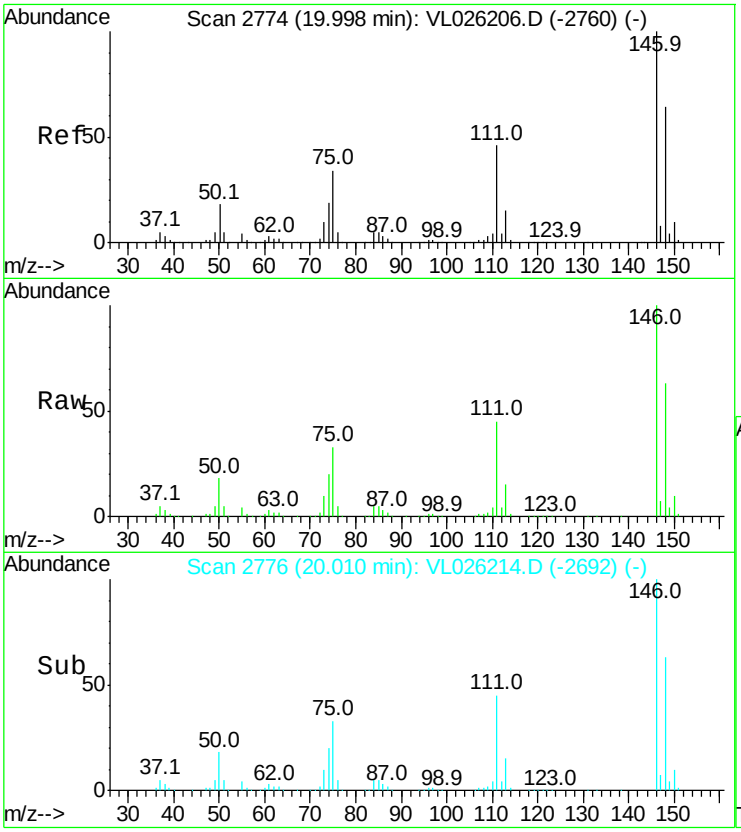


#76
1,4-Dichlorobenzene
Concen: 7.67 ppbv
RT: 19.25 min Scan# 2652
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Tgt Ion:146 Resp: 2017483

Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.9	62.8
148	63.9	32.0	96.2



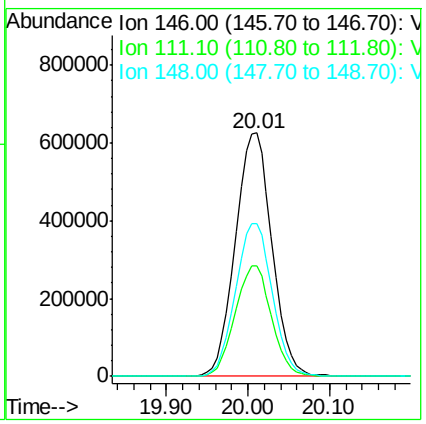


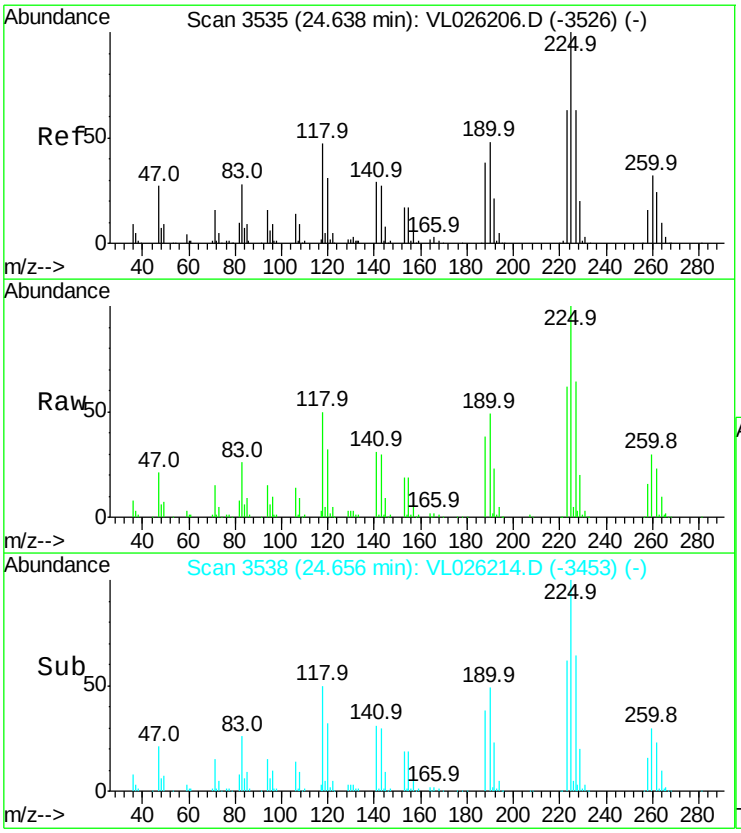
#77
1,2-Dichlorobenzene
Concen: 7.70 ppbv
RT: 20.01 min Scan# 2776
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:146 Resp: 1952129

Ion	Ratio	Lower	Upper
146	100		
111	45.1	22.6	67.8
148	63.3	32.0	96.2

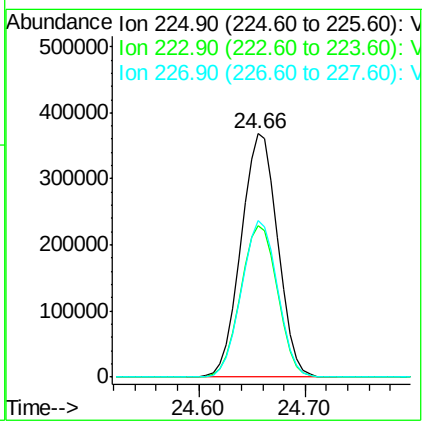


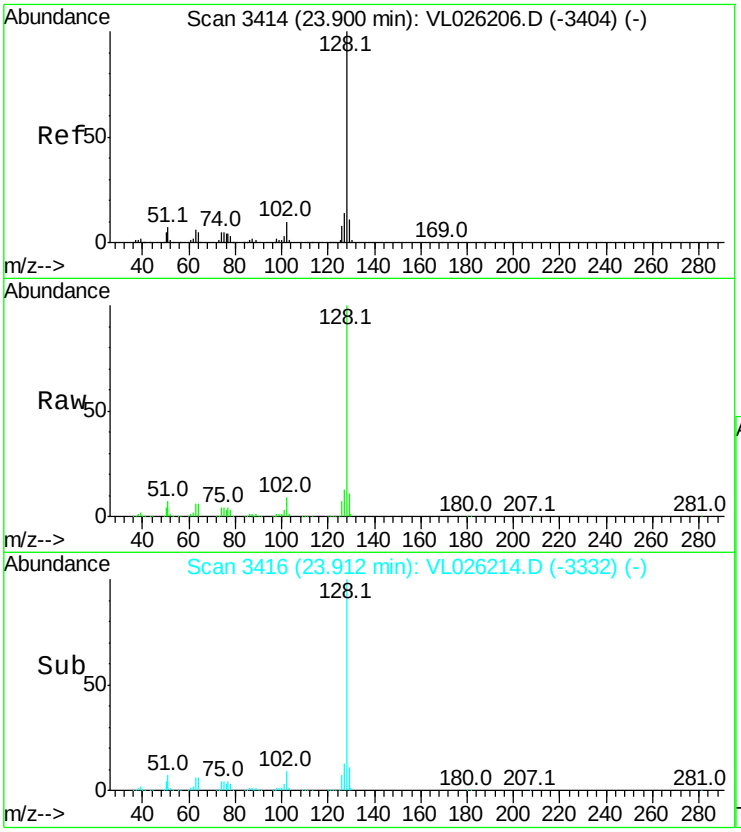


#78
Hexachloro-1,3-Butadiene
Concen: 7.54 ppbv
RT: 24.66 min Scan# 3538
Delta R.T. 0.02 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Tgt Ion:225 Resp: 891233

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.7	76.1
227	63.5	50.2	75.2



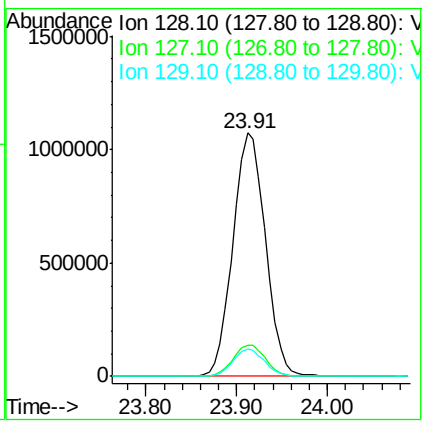


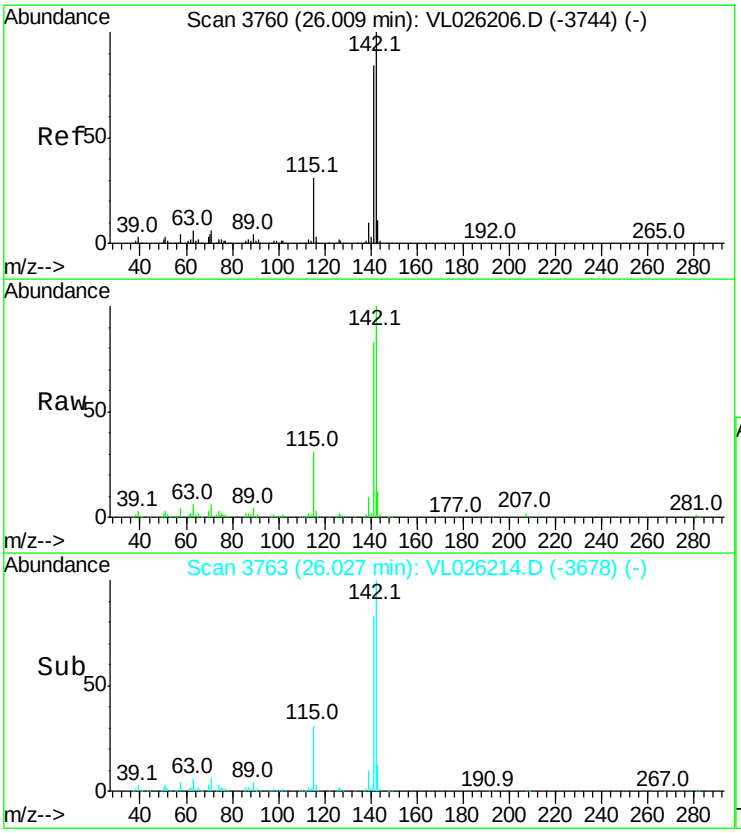
#79
Naphthalene
Concen: 8.81 ppbv
RT: 23.91 min Scan# 3416
Delta R.T. 0.01 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:128 Resp: 2674814

Ion	Ratio	Lower	Upper
128	100		
127	13.0	11.0	16.6
129	11.0	8.7	13.1

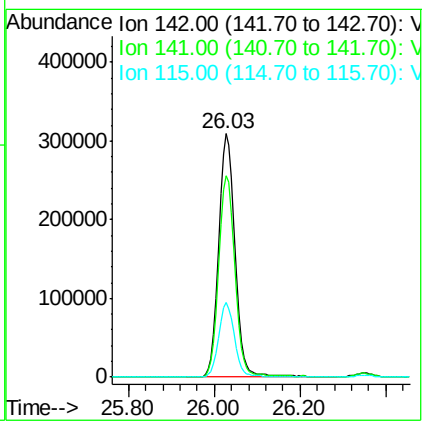


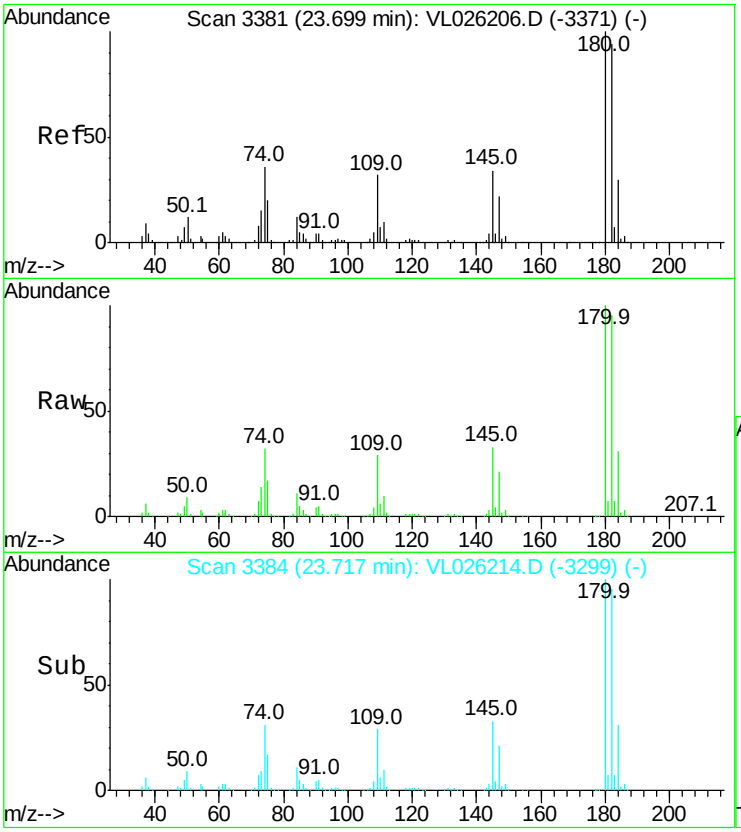


#80
Naphthalene,2-methyl-
Concen: 13.57 ppbv
RT: 26.03 min Scan# 3763
Delta R.T. 0.02 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Tgt Ion:142 Resp: 836731

Ion	Ratio	Lower	Upper
142	100		
141	83.1	66.7	100.1
115	30.3	25.0	37.4





#81
1,2,4-Trichlorobenzene
Concen: 8.28 ppbv
RT: 23.72 min Scan# 3384
Delta R.T. 0.02 min
Lab File: VL026214.D
Acq: 20 Oct 2015 17:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:180 Resp: 1227159

Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.4	114.6
184	30.2	24.4	36.6