Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\Data\VL100915\
Data File : VL026174.D
Acq On : 9 Oct 2015 12:19
Operator : SY/MD
Sample : VSTDICC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Quant Time: Oct 09 14:22:32 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL100915AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Oct 09 14:20:41 2015
QLast Update : Fri Oct 09 14:20:41 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	6.66	49	929285	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	8.34	114	2510991	10.00	ppbv		0.00
55) Chlorobenzene-d5	13.76	117	2928031	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	16.30	95	2251995	10.42	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.65	85	188773	1.42	ppbv		97
3) Chlorodifluoromethane	3.57	51	114974	1.08	ppbv		99
4) Chloromethane	3.76	50	62455	0.99	ppbv		99
5) Vinyl Chloride	3.89	62	61773	0.92	ppbv		98
6) Bromomethane	4.15	94	44559	1.05	ppbv		98
7) Chloroethane	4.25	64	27379	1.04	ppbv		98
8) Dichlorotetrafluoroethane	3.81	85	158997	1.10	ppbv		98
9) Propene	3.60	41	50514	0.93	ppbv		97
10) Heptane	9.37	43	179540	0.96	ppbv		100
11) Trichlorofluoromethane	4.70	101	174124	1.14	ppbv		98
12) 1,1,2-Trichlorotrifluoroet	5.31	101	117375	1.11	ppbv		99
13) Ethanol	4.36	45	6034	0.92	ppbv		94
14) Bromoethene	4.46	108	48572	1.08	ppbv		97
15) Acetone	4.62	43	129038	1.12	ppbv	#	85
16) 1,3-Butadiene	3.98	39	57473	1.00	ppbv		95
17) tert-Butyl alcohol	5.16	59	71887	0.96	ppbv		98
18) 1,1-Dichloroethene	5.09	96	52916	1.07	ppbv		97
19) Isopropyl Alcohol	4.78	45	50895	1.05	ppbv	#	1
20) Methylene Chloride	5.16	84	51737	1.05	ppbv		98
21) Allyl Chloride	5.23	41	74181	0.93	ppbv	#	81
22) trans-1,2-Dichloroethene	5.78	96	68705	1.04	ppbv		92
23) Vinyl Acetate	5.99	43	210724	0.96	ppbv		99
24) 1,1-Dichloroethane	5.92	63	150368	1.02	ppbv		99
25) Ethyl Acetate	6.69	43	237017	0.97	ppbv		99
26) Hexane	6.67	57	117719	1.00	ppbv		99
27) Carbon Disulfide	5.40	76	127850	1.02	ppbv	#	94
28) Methyl tert-Butyl Ether	5.98	73	181565	1.02	ppbv		100
29) Chloroform	6.75	83	171948	1.05	ppbv		95
30) Cyclohexane	8.29	84	107623	0.96	ppbv	#	79
31) cis-1,2-Dichloroethene	6.53	61	101788	0.95	ppbv		98
32) 1,1,1-Trichloroethane	7.60	97	157260	0.96	ppbv		98
34) 2-Butanone	6.22	43	143821	0.89	ppbv		99
35) Carbon Tetrachloride	8.17	117	162847	0.97	ppbv		97
36) Benzene	8.03	78	249310	0.94	ppbv		98
37) 1,2-Dichloroethane	7.38	62	132105	1.00	ppbv		100
38) Trichloroethene	9.07	130	108319	0.93	ppbv		93
39) 1,2-Dichloropropane	8.83	63	91268	0.92	ppbv		98
40) 1,4-Dioxane	9.18	88	14267	0.98	ppbv	#	1
41) Tetrahydrofuran	7.16	42	79225	0.84	ppbv		97
42) Bromodichloromethane	9.03	83	170799	0.98	ppbv		99
43) Methyl Methacrylate	9.28	69	83685	0.89	ppbv		99

Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\Data\VL100915\
Data File : VL026174.D
Acq On : 9 Oct 2015 12:19
Operator : SY/MD
Sample : VSTDICC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Quant Time: Oct 09 14:22:32 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL100915AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Oct 09 14:20:41 2015
QLast Update : Fri Oct 09 14:20:41 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	9.10	57	435054	0.97	ppbv		99
45) t-1,3-Dichloropropene	10.66	75	106457	0.86	ppbv		100
46) cis-1,3-Dichloropropene	10.03	75	136920	0.89	ppbv		95
47) 1,1,2-Trichloroethane	10.89	97	109575	0.97	ppbv		98
48) Dibromochloromethane	11.81	129	150205	0.98	ppbv		100
49) Bromoform	14.82	173	105665	0.93	ppbv		99
50) 4-Methyl-2-Pentanone	10.12	43	186578	0.86	ppbv		99
51) 2-Hexanone	11.65	43	161772	0.82	ppbv	#	96
52) Tetrachloroethene	12.80	164	112683	0.93	ppbv		96
53) Toluene	11.25	91	320129	0.95	ppbv		99
54) 1,2-Dibromoethane	12.15	107	165117	0.98	ppbv		96
56) 1,1,1,2-Tetrachloroethane	13.79	131	121430	1.00	ppbv	#	1
57) Chlorobenzene	13.82	112	291143	1.01	ppbv		97
58) Ethyl Benzene	14.43	91	450477	0.93	ppbv		97
59) m/p-Xylene	14.72	91	448997	1.17	ppbv	#	27
60) o-Xylene	15.51	91	389940	0.98	ppbv		100
61) Styrene	15.32	104	142714	0.84	ppbv		99
62) Isopropylbenzene	16.56	105	505166	0.97	ppbv		98
63) 1,1,2,2-Tetrachloroethane	15.49	83	274879	0.90	ppbv		100
64) n-propylbenzene	17.54	120	133457	0.96	ppbv		91
65) tert-Butylbenzene	18.83	119	455874	1.00	ppbv		100
66) Benzyl Chloride	19.11	91	104687	0.84	ppbv		96
67) sec-Butylbenzene	19.43	105	620677	0.96	ppbv		98
69) p-Isopropyltoluene	19.80	119	490555	0.94	ppbv		100
70) n-Butylbenzene	20.77	91	474122	0.91	ppbv		97
71) 2-Chlorotoluene	17.44	91	361071	0.91	ppbv		98
72) 4-Ethyltoluene	17.83	105	397829	0.92	ppbv		99
73) 1,3,5-Trimethylbenzene	18.00	105	376968	0.94	ppbv		99
74) 1,2,4-Trimethylbenzene	18.85	105	415154	0.98	ppbv		92
75) 1,3-Dichlorobenzene	19.13	146	252982	0.97	ppbv		99
76) 1,4-Dichlorobenzene	19.28	146	256149	0.95	ppbv		100
77) 1,2-Dichlorobenzene	20.04	146	248477	0.95	ppbv		100
78) Hexachloro-1,3-Butadiene	24.69	225	104772	1.00	ppbv		99
79) Naphthalene	23.95	128	240698	0.73	ppbv		98
80) Naphthalene,2-methyl-	26.06	142	52062	0.68	ppbv		95
81) 1,2,4-Trichlorobenzene	23.75	180	122201	0.77	ppbv		99

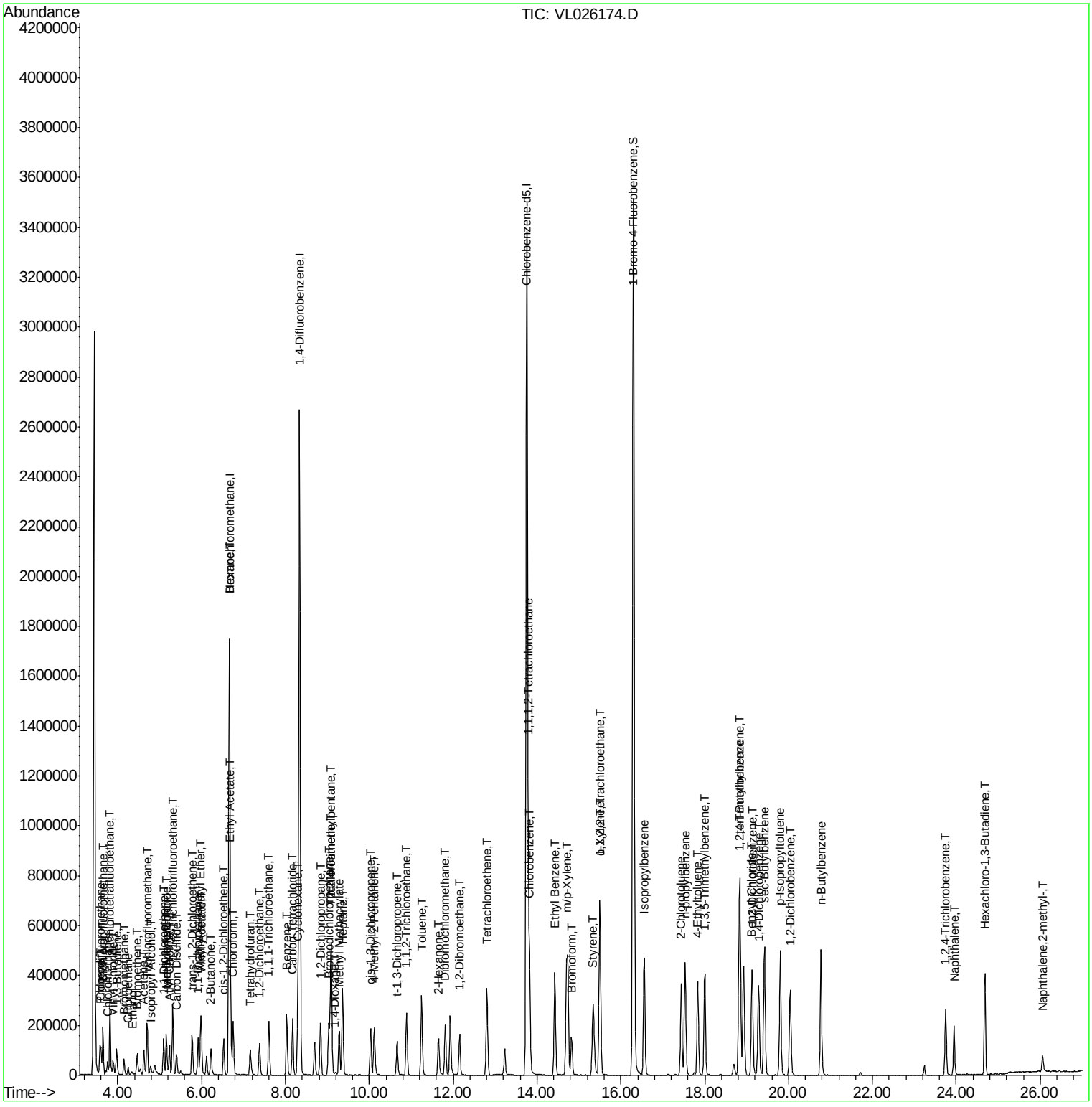
(#) = qualifier out of range (m) = manual integration (+) = signals summed

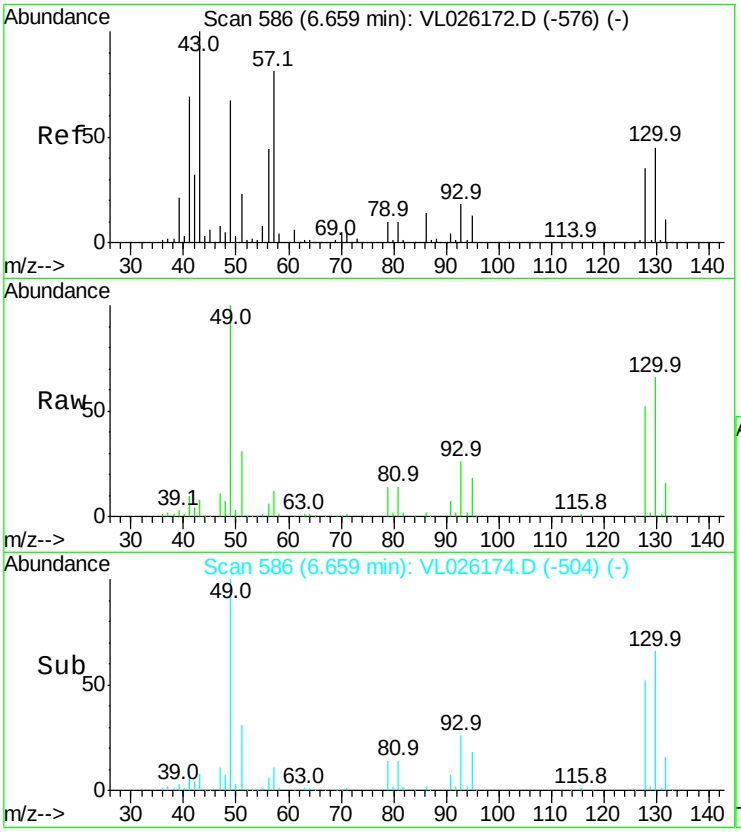
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\Data\VL100915\
Data File : VL026174.D
Acq On : 9 Oct 2015 12:19
Operator : SY/MD
Sample : VSTDICC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Quant Time: Oct 09 14:22:32 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL100915AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Oct 09 14:20:41 2015
QLast Update : Fri Oct 09 14:20:41 2015
Response via : Initial Calibration



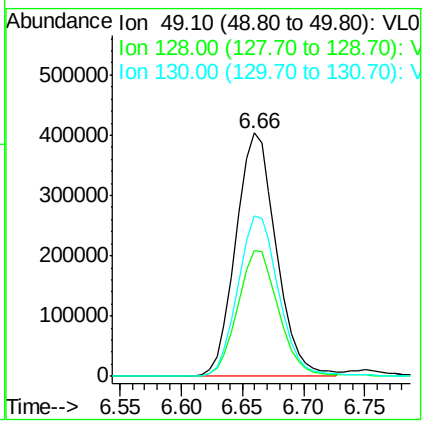


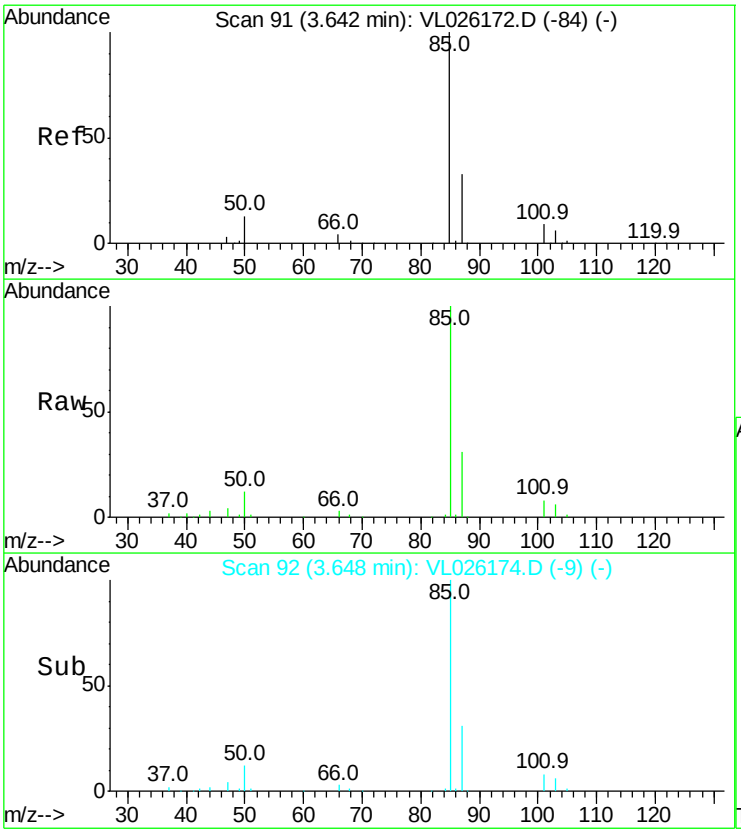
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 6.66 min Scan# 586
Delta R.T. -0.00 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 49 Resp: 929285

Ion	Ratio	Lower	Upper
49	100		
128	53.0	26.3	78.8
130	67.7	34.2	102.5

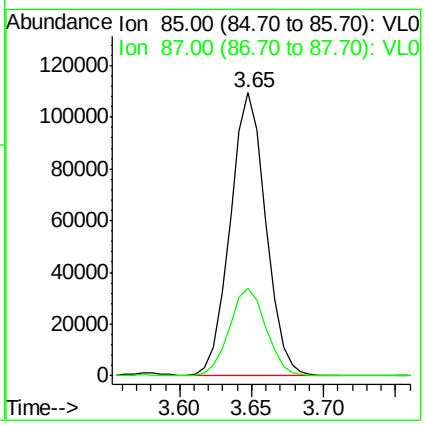


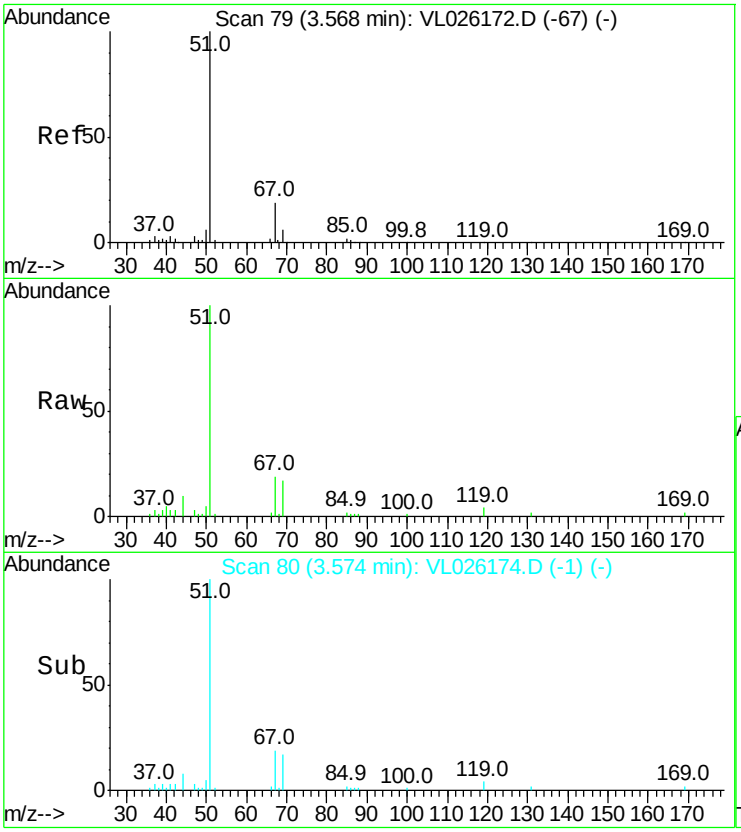


#2
Dichlorodifluoromethane
Concen: 1.42 ppbv
RT: 3.65 min Scan# 92
Delta R.T. 0.01 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Tgt Ion: 85 Resp: 188773

Ion	Ratio	Lower	Upper
85	100		
87	30.9	26.2	39.4



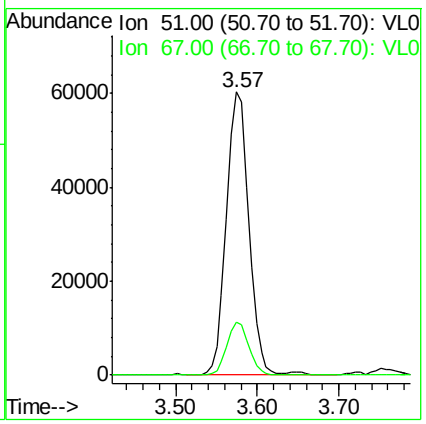


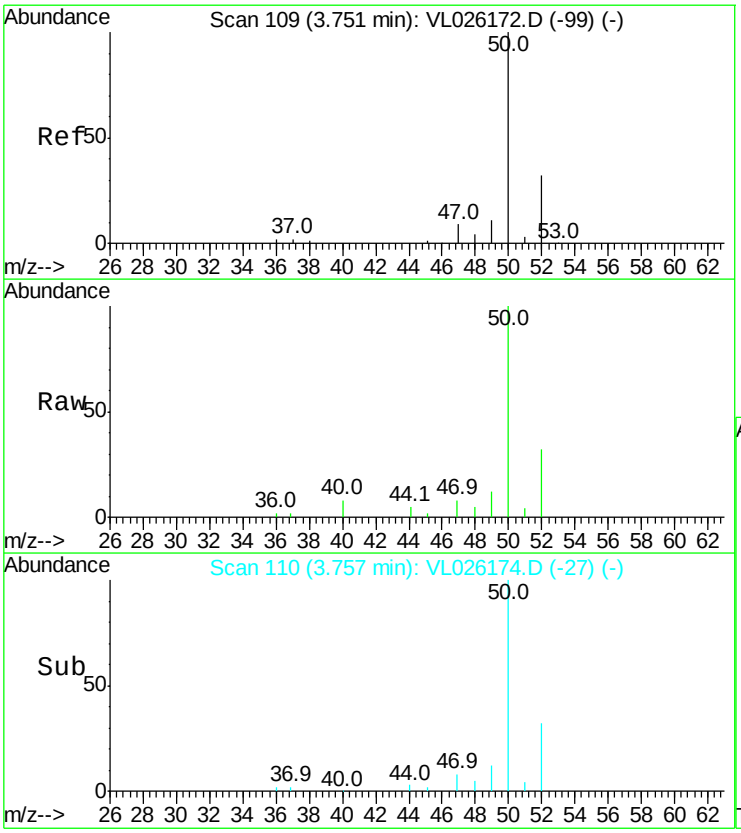
#3
Chlorodifluoromethane
Concen: 1.08 ppbv
RT: 3.57 min Scan# 80
Delta R.T. 0.01 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 51 Resp: 114974

Ion	Ratio	Lower	Upper
51	100		
67	18.1	14.9	22.3

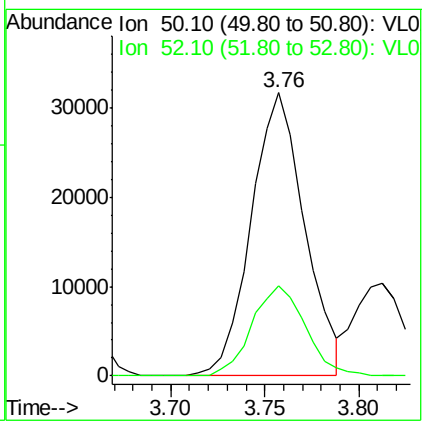


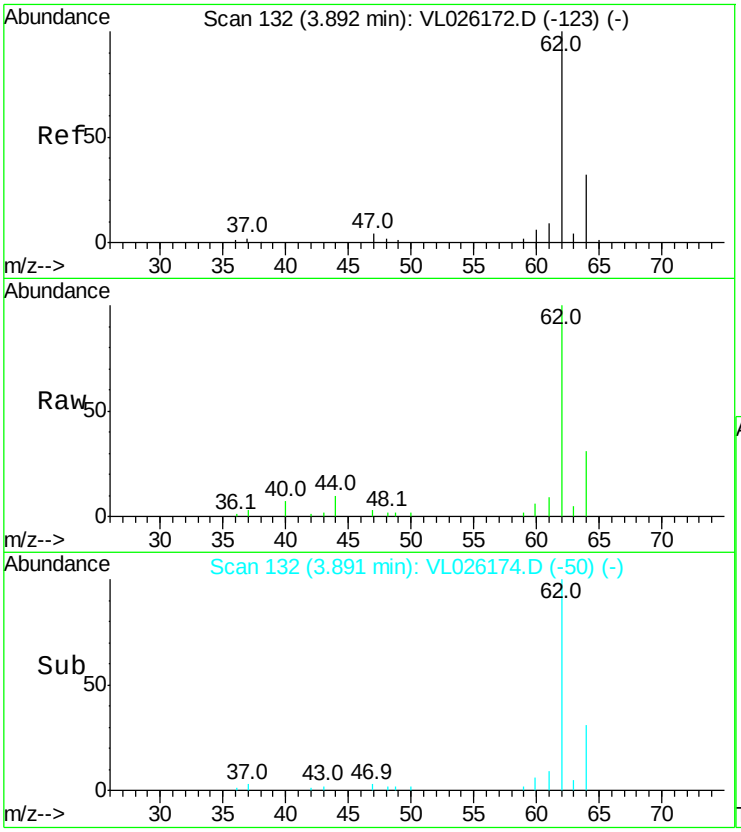


#4
Chloromethane
Concen: 0.99 ppbv
RT: 3.76 min Scan# 110
Delta R.T. 0.01 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Tgt Ion: 50 Resp: 62455

Ion	Ratio	Lower	Upper
50	100		
52	31.9	25.9	38.9



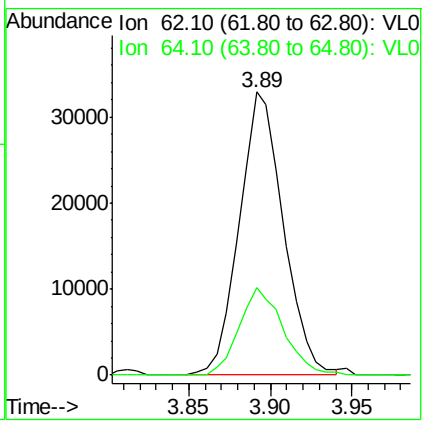


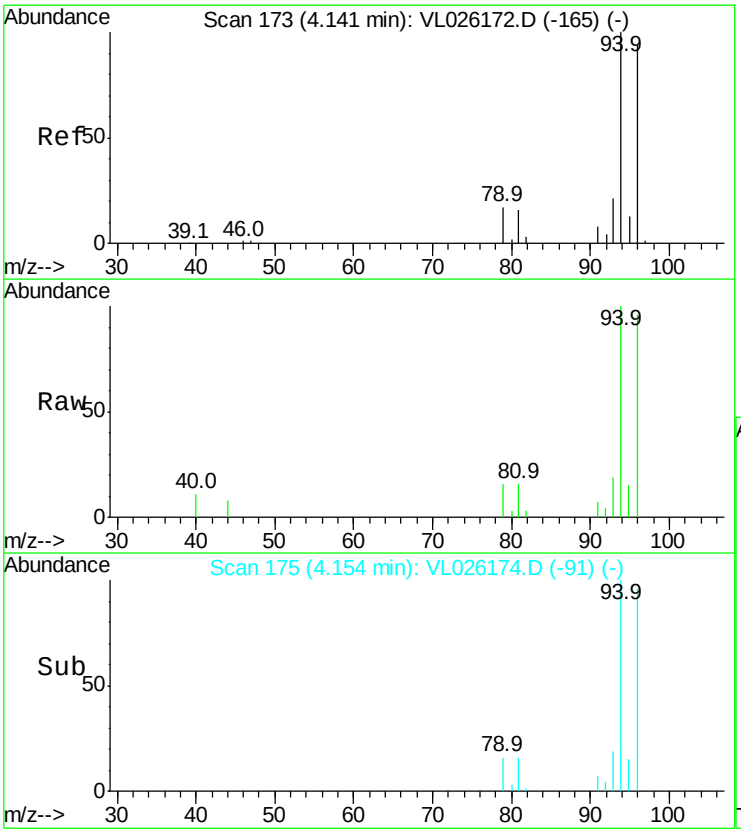
#5
Vinyl Chloride
Concen: 0.92 ppbv
RT: 3.89 min Scan# 132
Delta R.T. -0.00 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 62 Resp: 61773

Ion	Ratio	Lower	Upper
62	100		
64	30.9	25.6	38.4

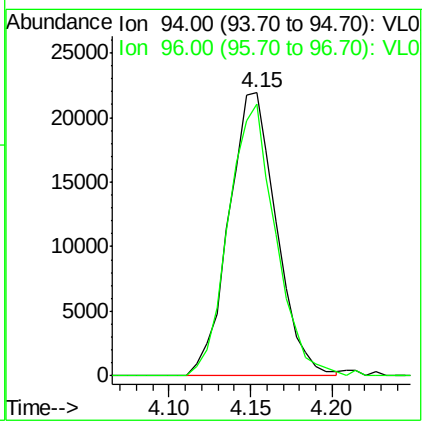


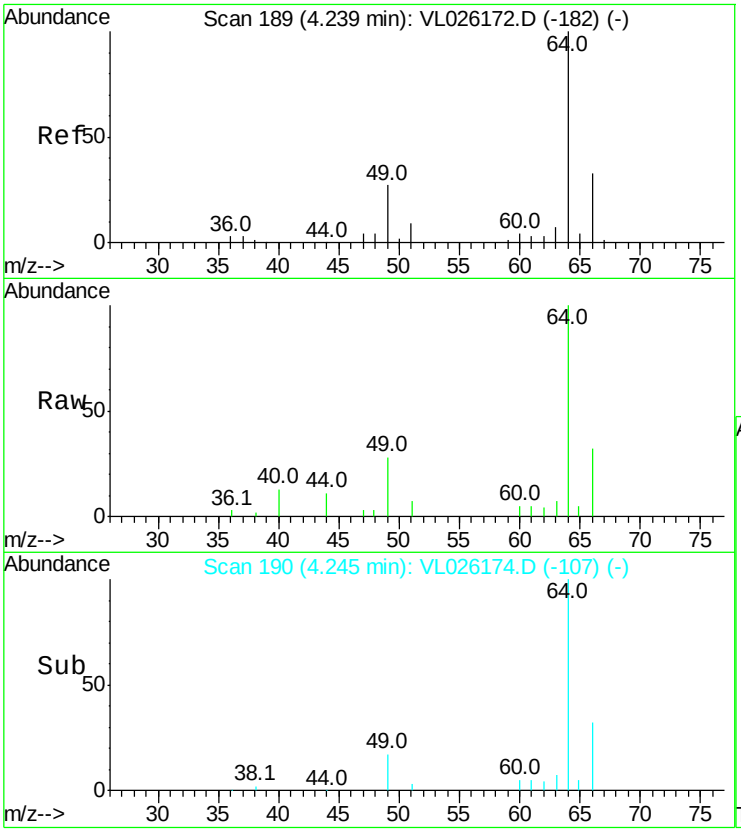


#6
Bromomethane
Concen: 1.05 ppbv
RT: 4.15 min Scan# 175
Delta R.T. 0.01 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Tgt Ion: 94 Resp: 44559

Ion	Ratio	Lower	Upper
94	100		
96	96.0	75.4	113.2



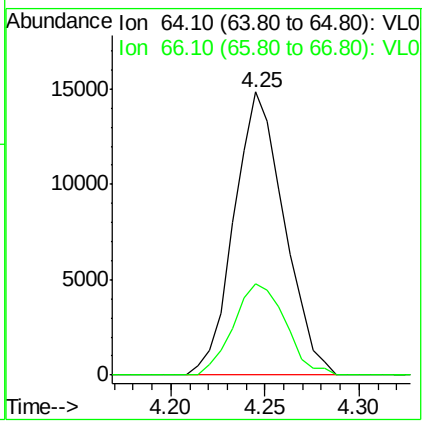


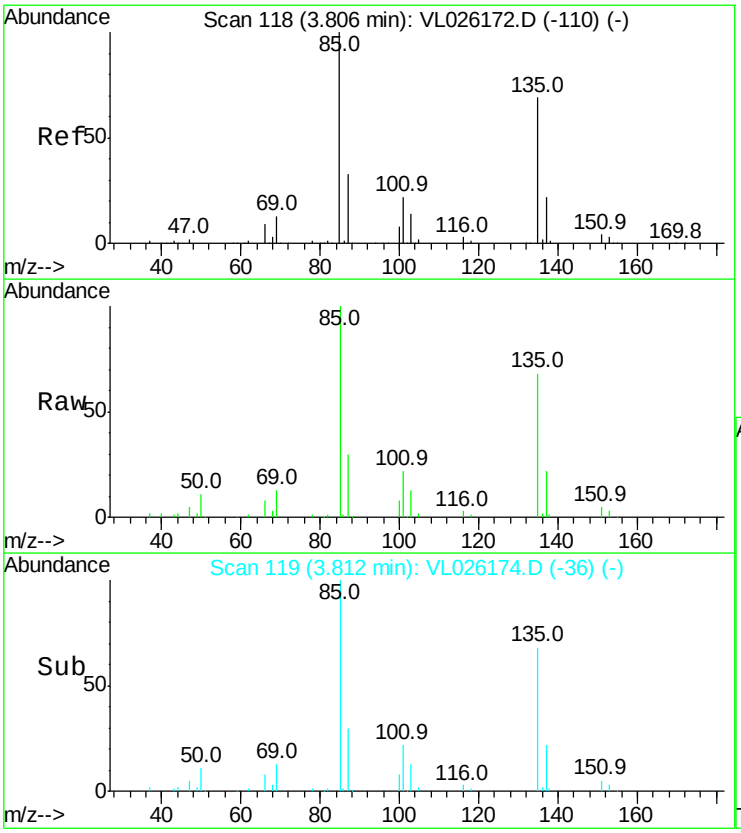
#7
Chloroethane
Concen: 1.04 ppbv
RT: 4.25 min Scan# 190
Delta R.T. 0.01 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 64 Resp: 27379

Ion	Ratio	Lower	Upper
64	100		
66	32.2	26.5	39.7

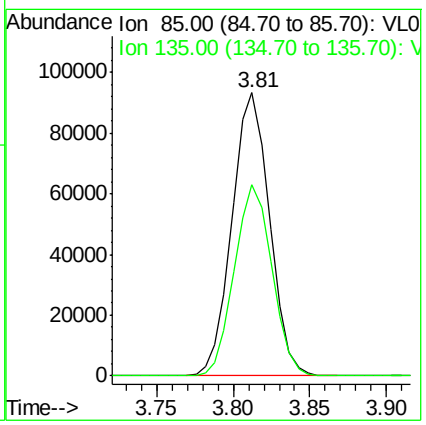


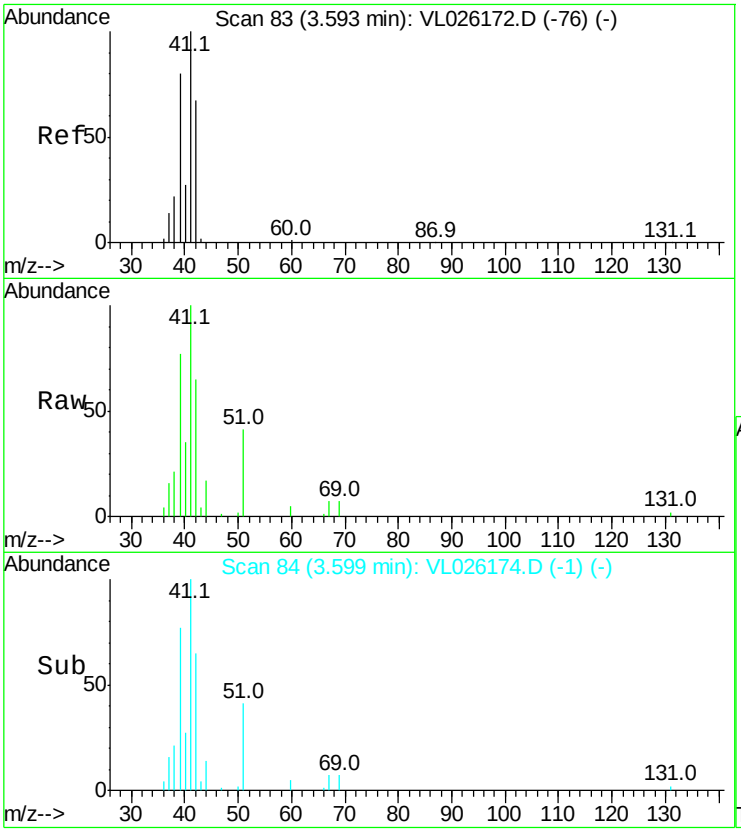


#8
Dichlorotetrafluoroethane
Concen: 1.10 ppbv
RT: 3.81 min Scan# 119
Delta R.T. 0.01 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Tgt Ion: 85 Resp: 158997

Ion	Ratio	Lower	Upper
85	100		
135	67.6	55.3	82.9



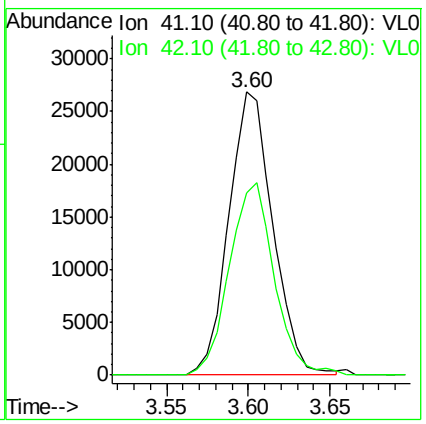


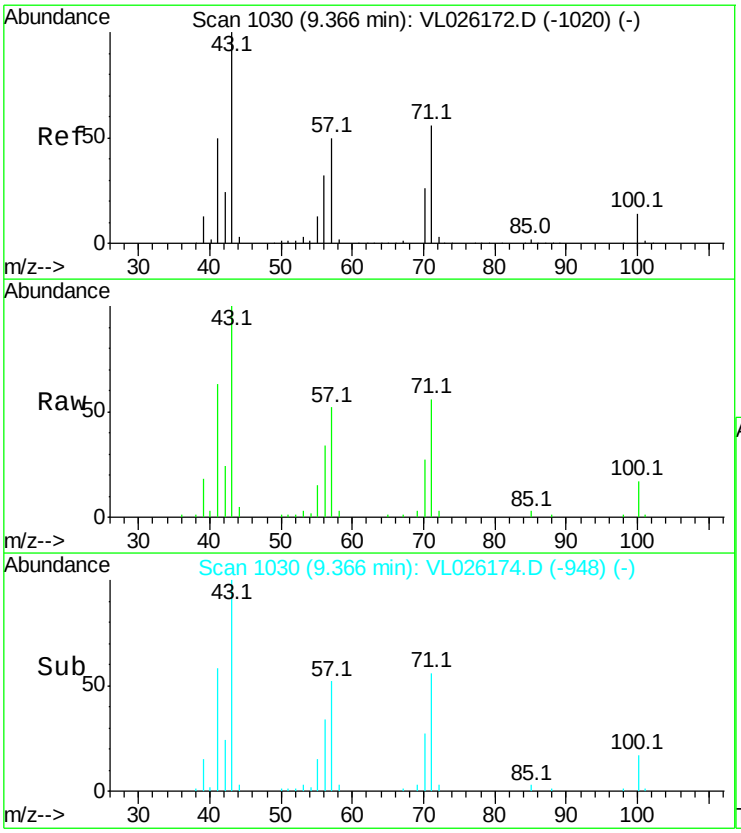
#9
Propene
Concen: 0.93 ppbv
RT: 3.60 min Scan# 84
Delta R.T. 0.01 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 41 Resp: 50514

Ion	Ratio	Lower	Upper
41	100		
42	69.3	53.6	80.4

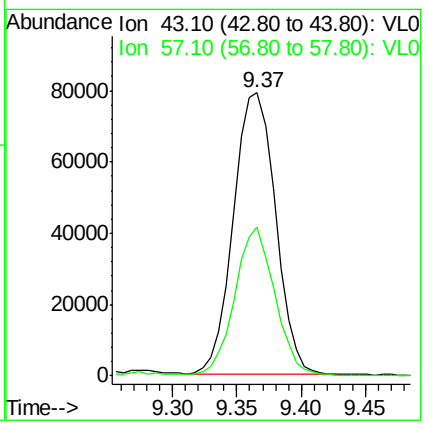


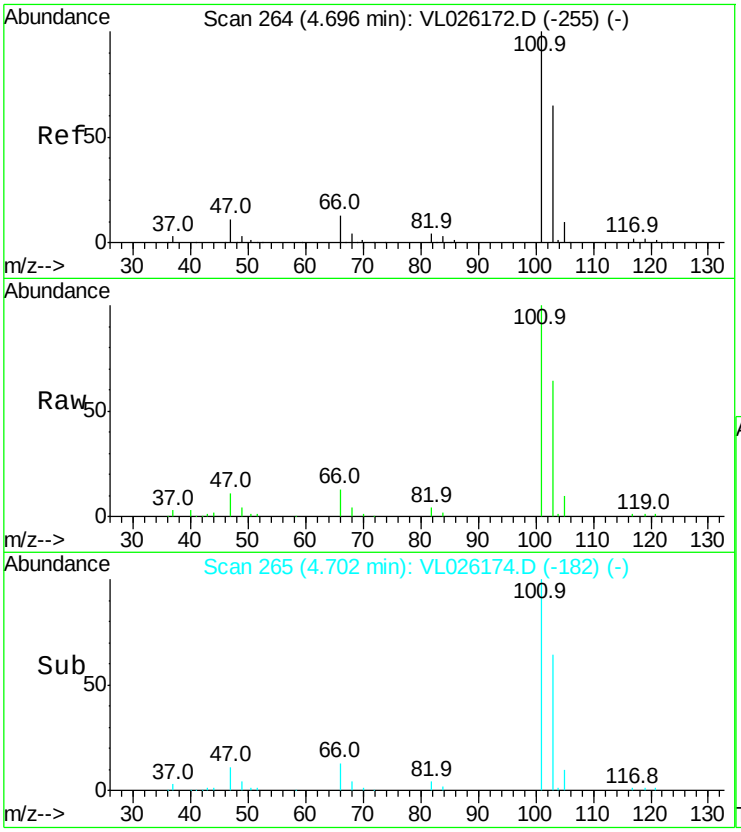


#10
Heptane
Concen: 0.96 ppbv
RT: 9.37 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Tgt Ion: 43 Resp: 179540

Ion	Ratio	Lower	Upper
43	100		
57	52.1	41.8	62.8



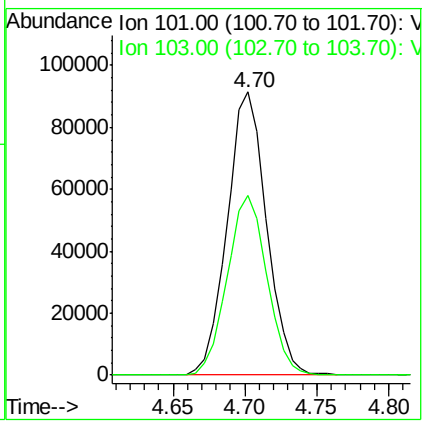


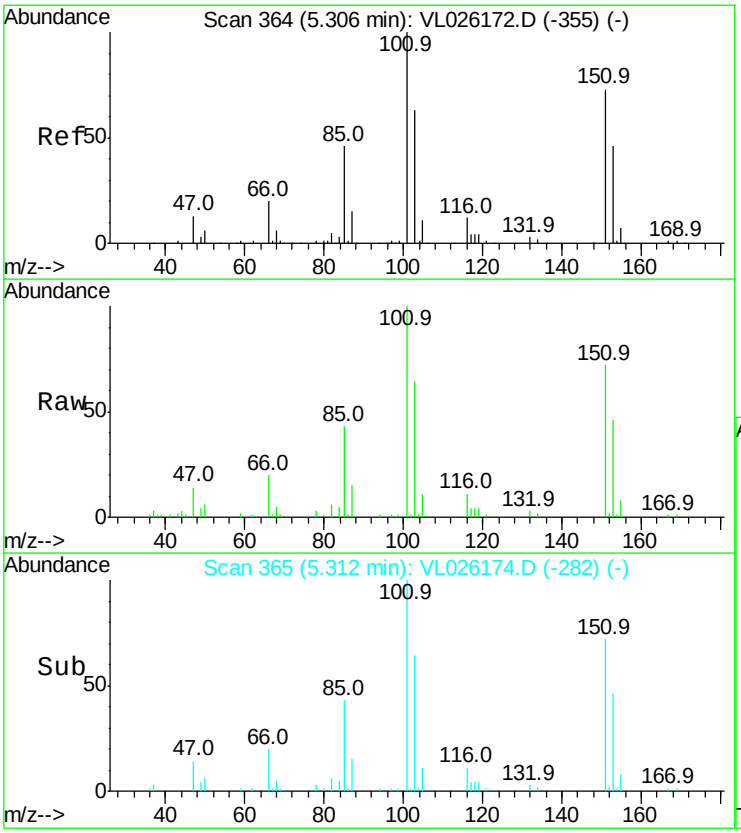
#11
Trichlorofluoromethane
Concen: 1.14 ppbv
RT: 4.70 min Scan# 265
Delta R.T. 0.01 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion:101 Resp: 174124

Ion	Ratio	Lower	Upper
101	100		
103	63.7	51.9	77.9

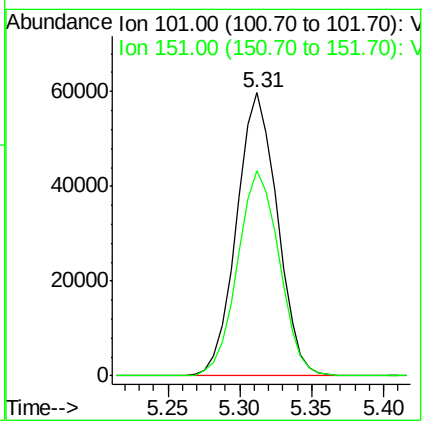


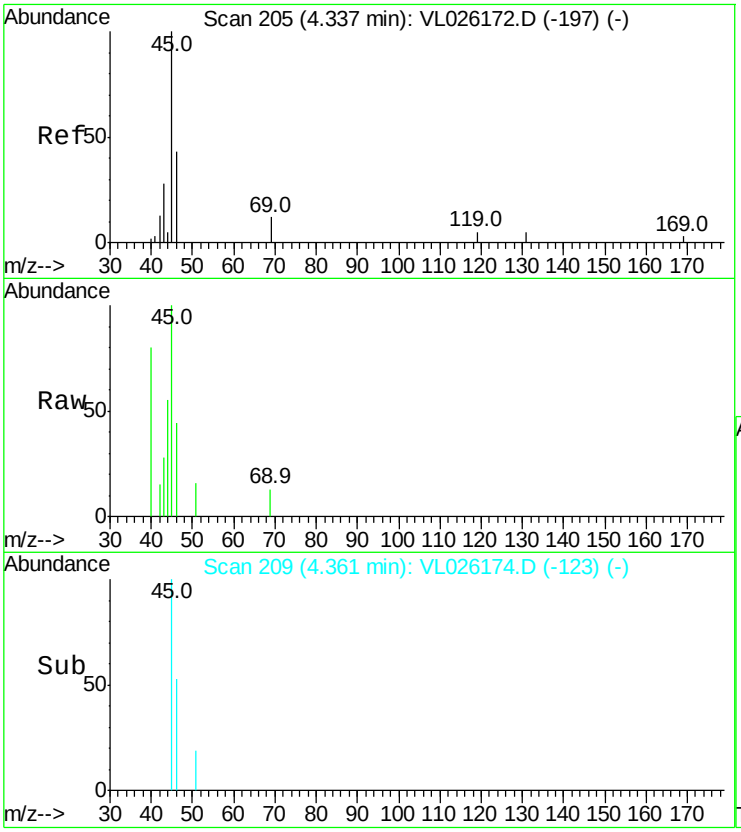


#12
1,1,2-Trichlorotrifluoroethane
Concen: 1.11 ppbv
RT: 5.31 min Scan# 365
Delta R.T. 0.01 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Tgt Ion:101 Resp: 117375

Ion	Ratio	Lower	Upper
101	100		
151	74.3	59.0	88.6



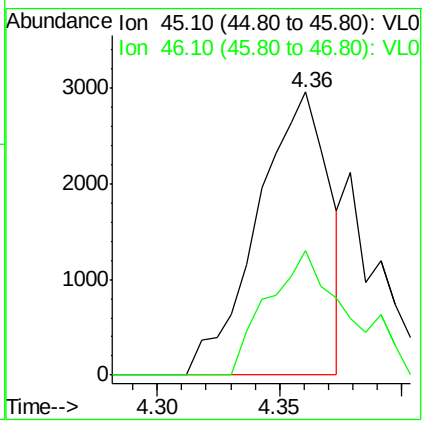


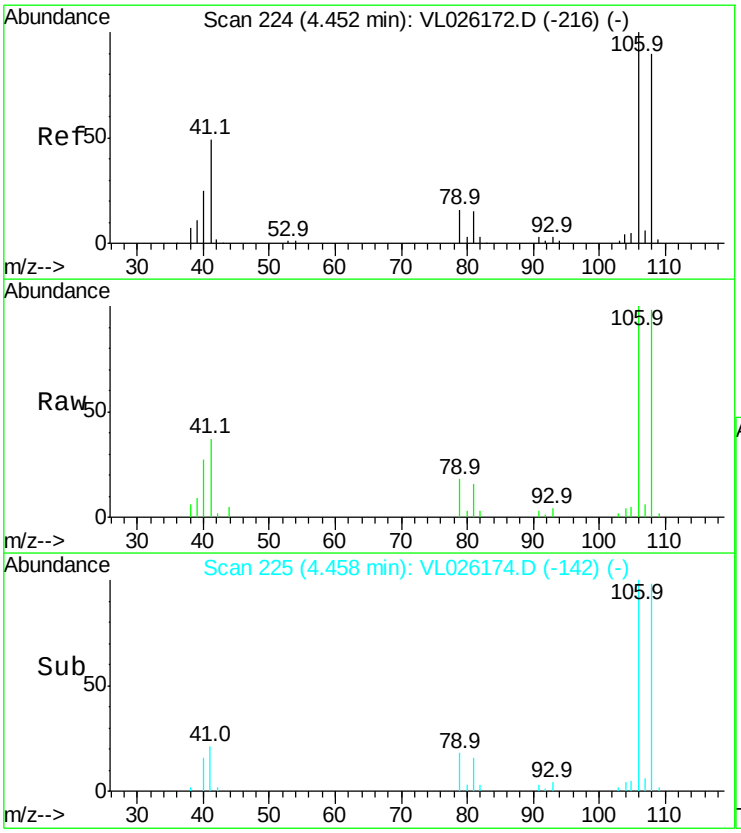
#13
Ethanol
Concen: 0.92 ppbv
RT: 4.36 min Scan# 209
Delta R.T. 0.02 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 45 Resp: 6034

Ion	Ratio	Lower	Upper
45	100		
46	49.5	18.1	72.5

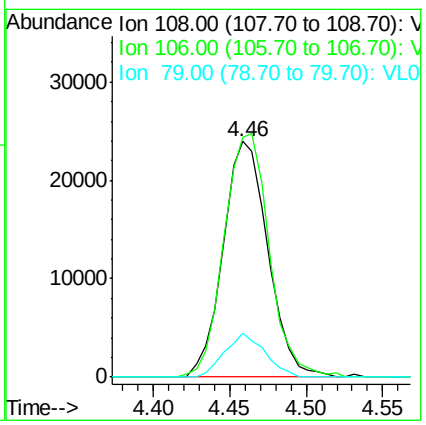


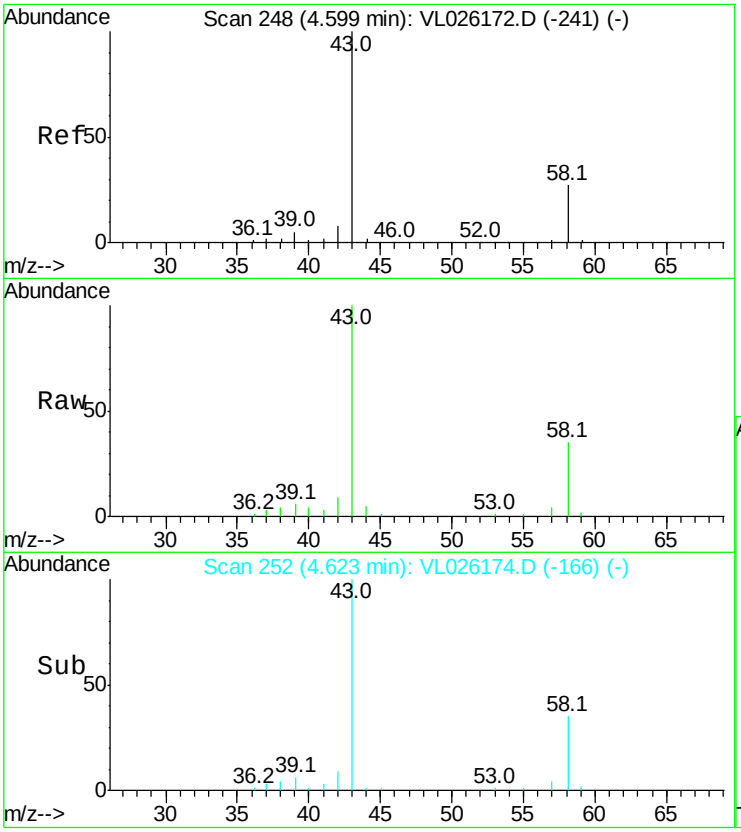


#14
Bromoethene
Concen: 1.08 ppbv
RT: 4.46 min Scan# 225
Delta R.T. 0.01 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Tgt Ion:108 Resp: 48572

Ion	Ratio	Lower	Upper
108	100		
106	104.4	85.9	128.9
79	16.5	14.0	21.0



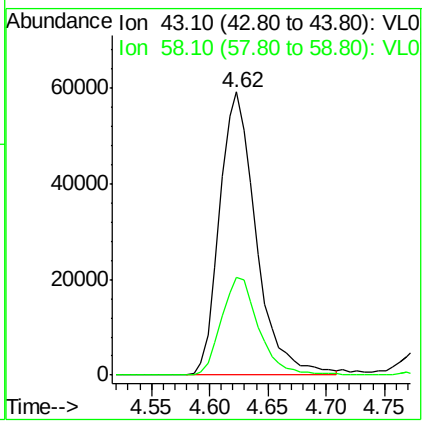


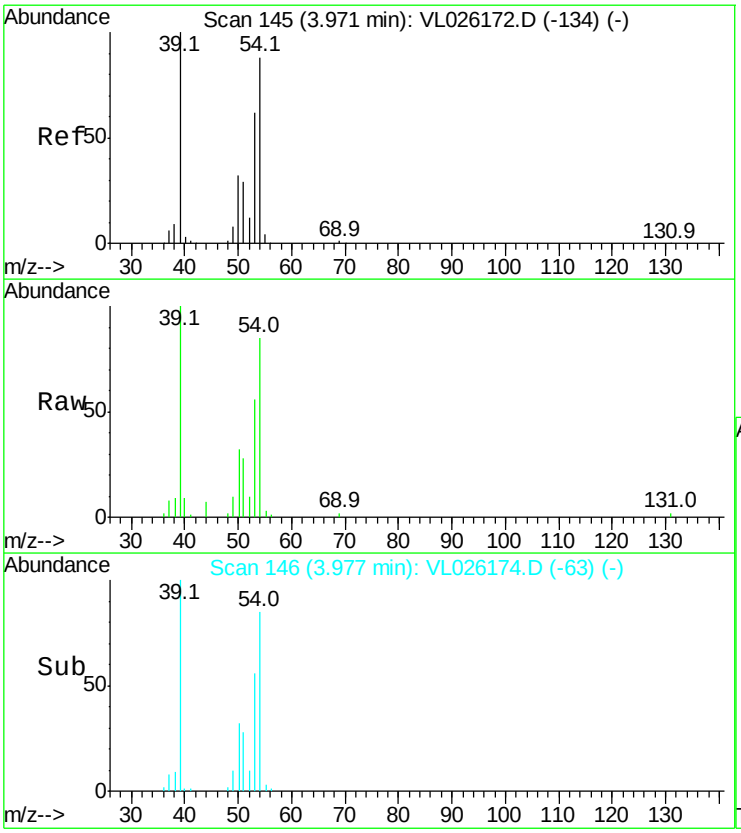
#15
Acetone
Concen: 1.12 ppbv
RT: 4.62 min Scan# 252
Delta R.T. 0.02 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 43 Resp: 129038

Ion	Ratio	Lower	Upper
43	100		
58	35.1	22.0	33.0#

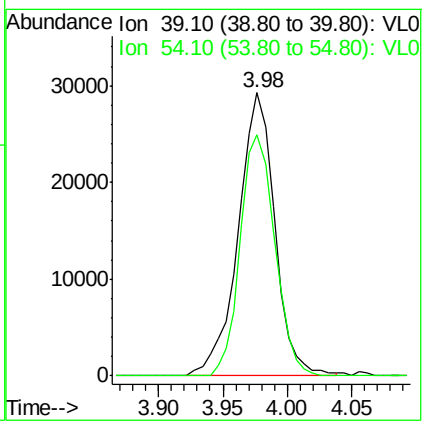


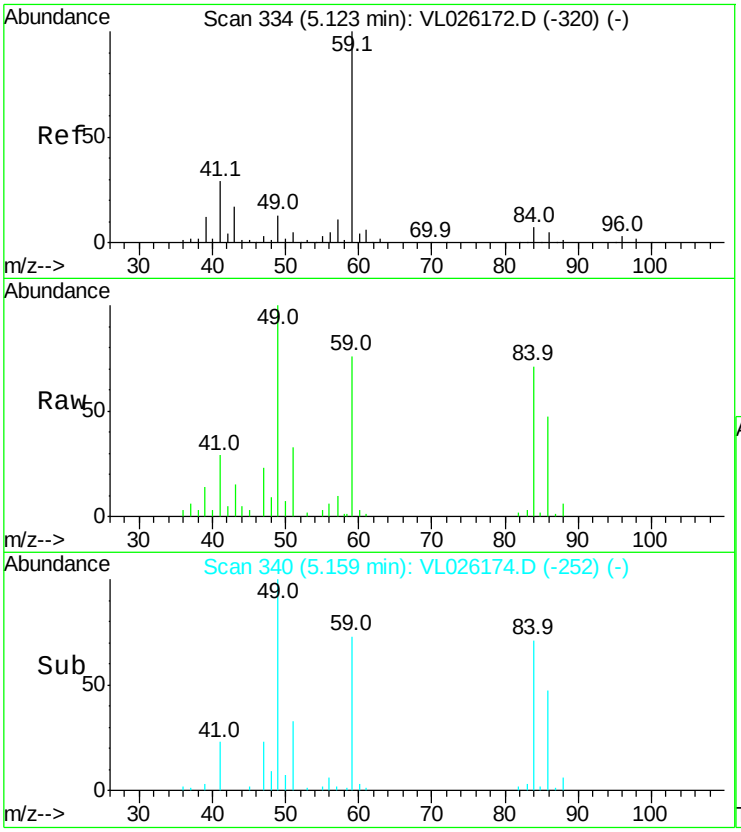


#16
1,3-Butadiene
Concen: 1.00 ppbv
RT: 3.98 min Scan# 146
Delta R.T. 0.01 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Tgt Ion: 39 Resp: 57473

Ion	Ratio	Lower	Upper
39	100		
54	80.5	67.9	101.9



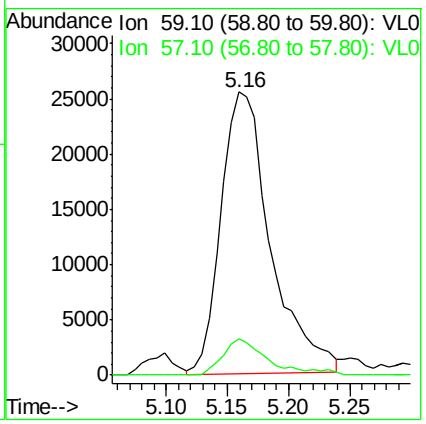


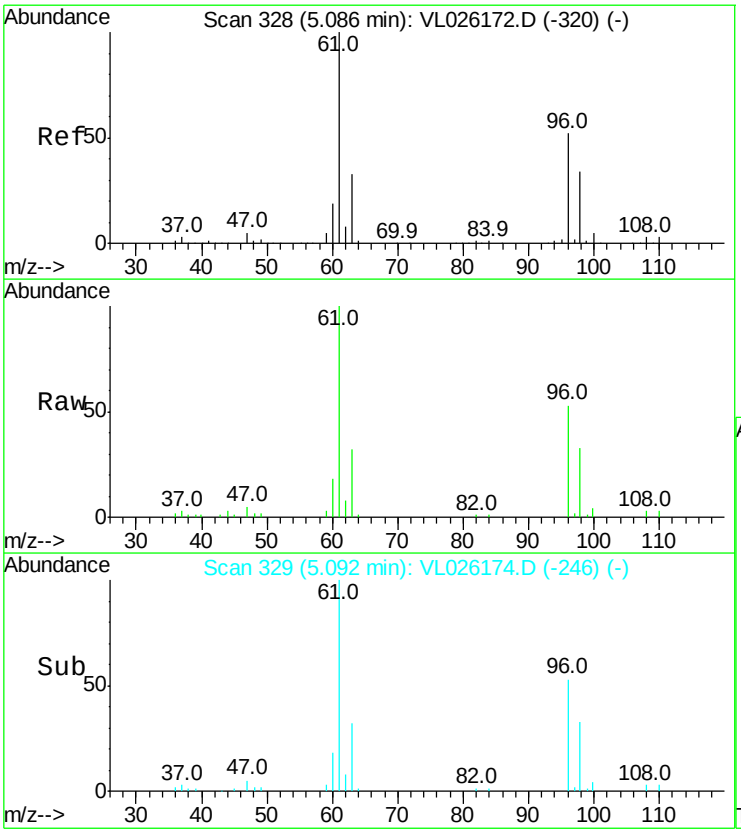
#17
tert-Butyl alcohol
Concen: 0.96 ppbv
RT: 5.16 min Scan# 340
Delta R.T. 0.04 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 59 Resp: 71887

Ion	Ratio	Lower	Upper
59	100		
57	11.8	8.8	13.2

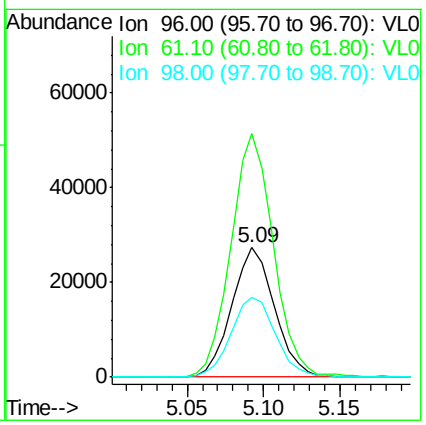


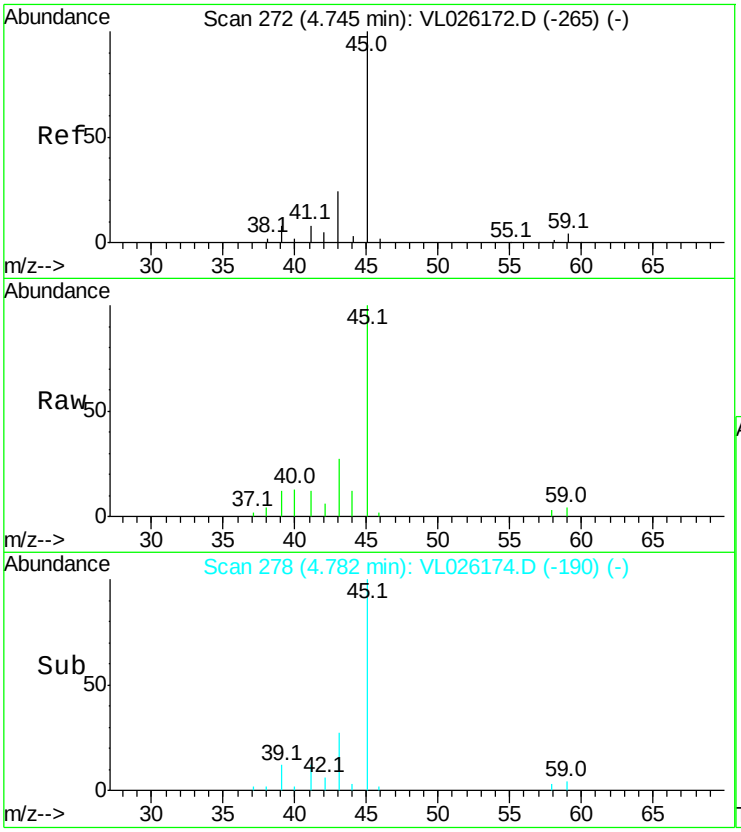


#18
1,1-Dichloroethene
Concen: 1.07 ppbv
RT: 5.09 min Scan# 329
Delta R.T. 0.01 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Tgt Ion: 96 Resp: 52916

Ion	Ratio	Lower	Upper
96	100		
61	188.4	153.2	229.8
98	61.4	52.1	78.1



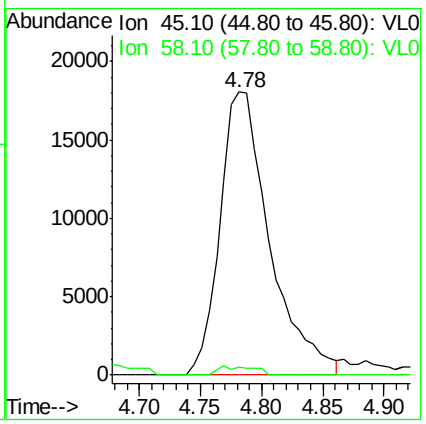


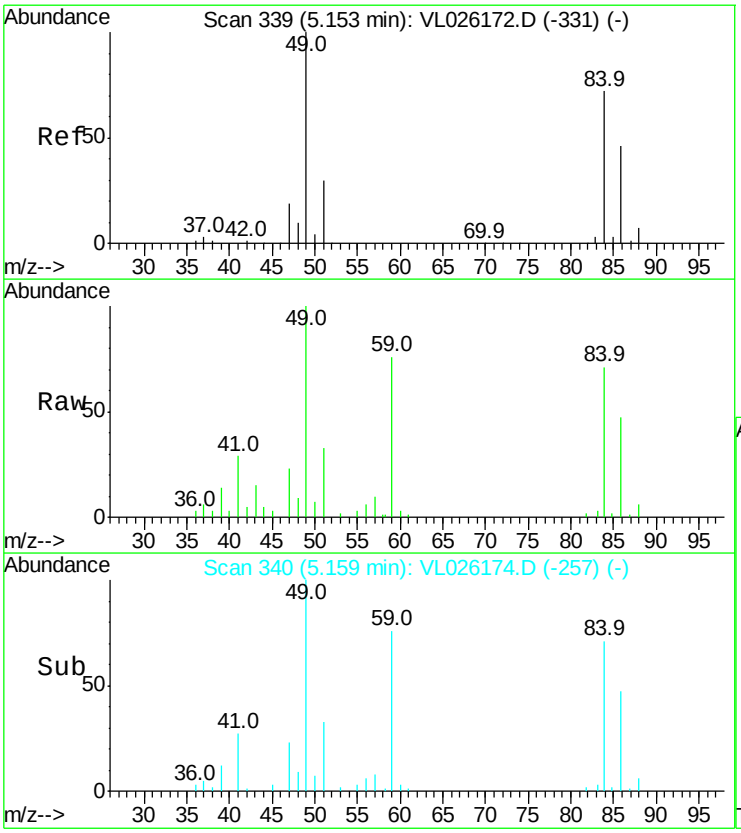
#19
Isopropyl Alcohol
Concen: 1.05 ppbv
RT: 4.78 min Scan# 278
Delta R.T. 0.04 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 45 Resp: 50895

Ion	Ratio	Lower	Upper
45	100		
58	89.1	1.7	2.5#

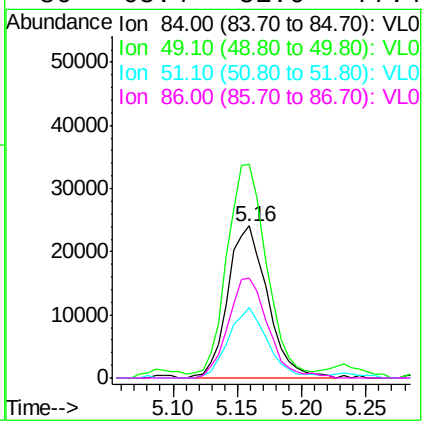


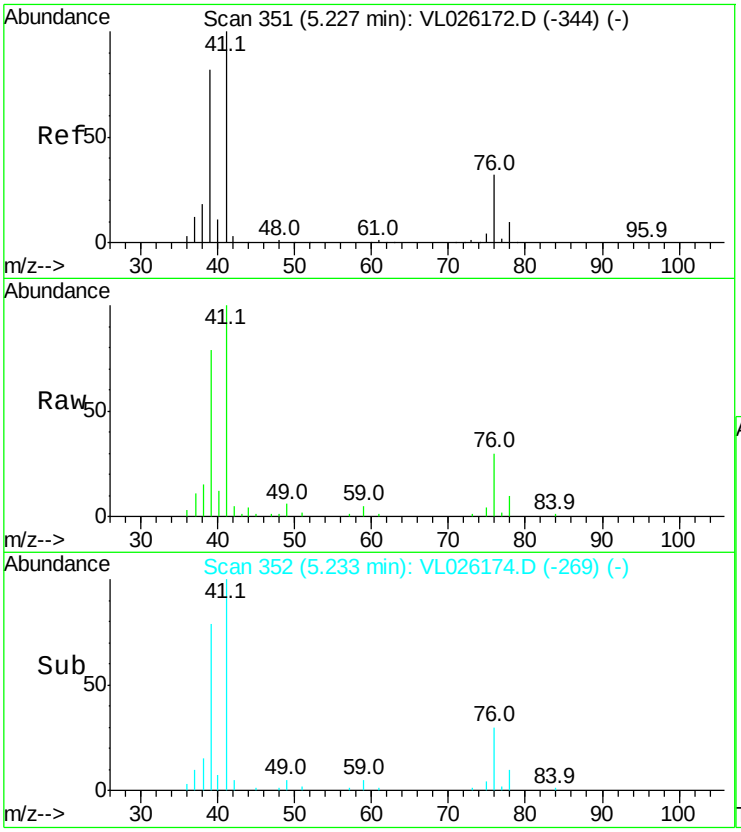


#20
Methylene Chloride
Concen: 1.05 ppbv
RT: 5.16 min Scan# 340
Delta R.T. 0.01 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Tgt Ion: 84 Resp: 51737

Ion	Ratio	Lower	Upper
84	100		
49	138.3	111.3	166.9
51	46.5	33.0	49.6
86	65.4	51.6	77.4



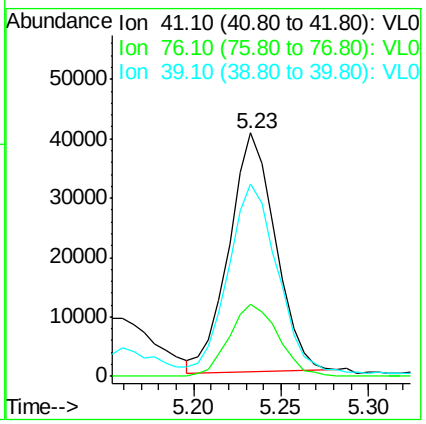


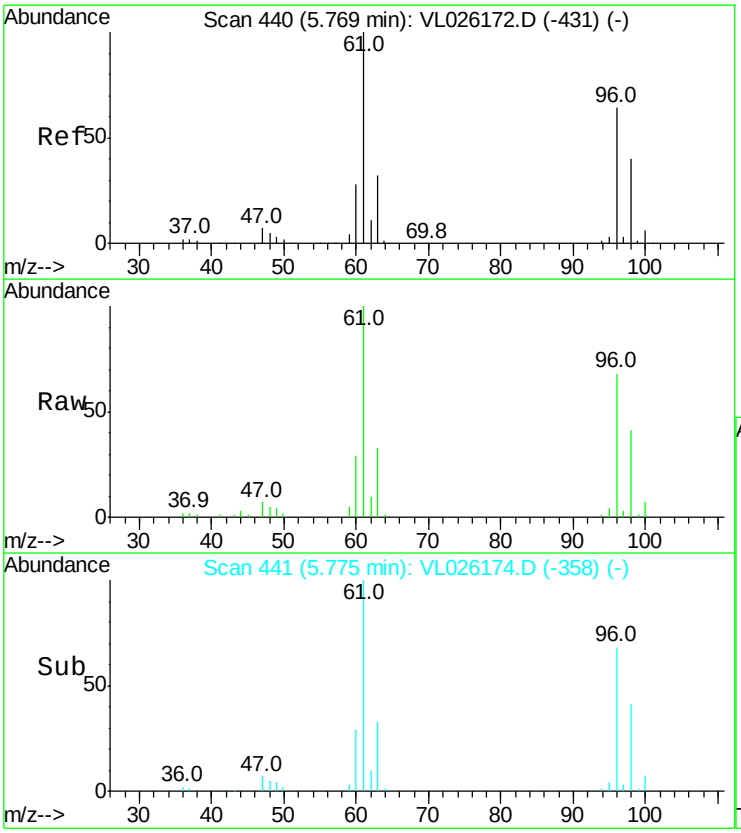
#21
Allyl Chloride
Concen: 0.93 ppbv
RT: 5.23 min Scan# 352
Delta R.T. 0.01 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 41 Resp: 74181

Ion	Ratio	Lower	Upper
41	100		
76	32.1	25.4	38.2
39	106.4	66.5	99.7#

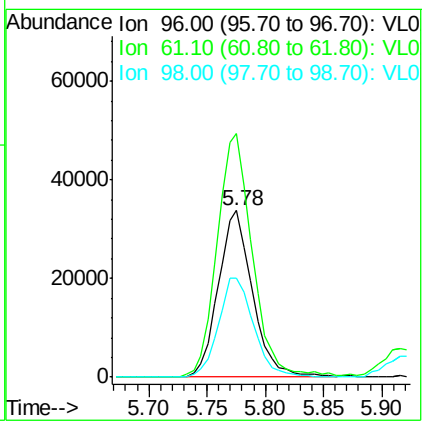


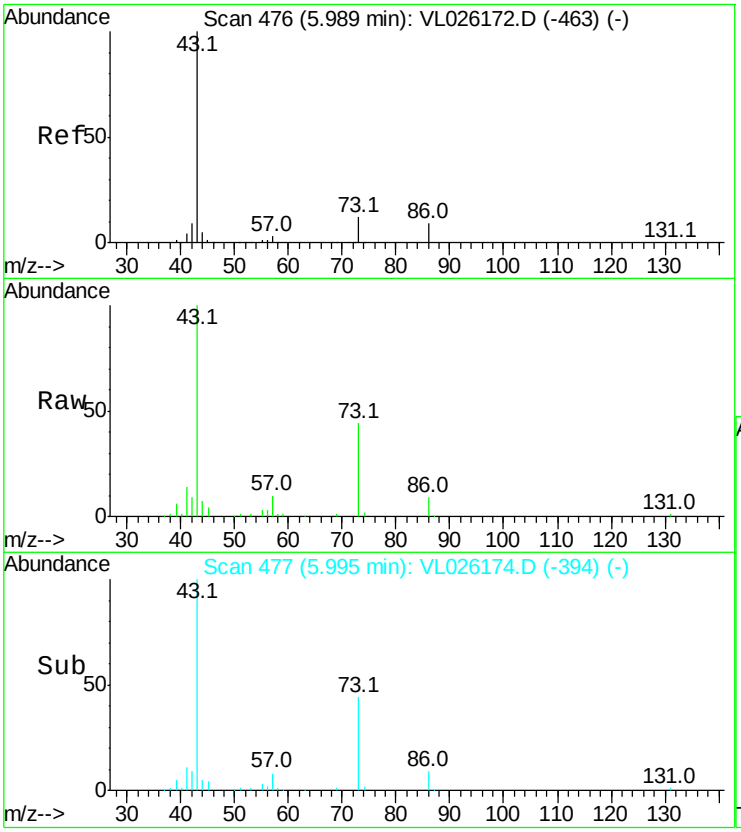


#22
trans-1,2-Dichloroethene
Concen: 1.04 ppbv
RT: 5.78 min Scan# 441
Delta R.T. 0.01 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Tgt Ion: 96 Resp: 68705

Ion	Ratio	Lower	Upper
96	100		
61	145.0	125.8	188.6
98	59.4	50.6	75.8



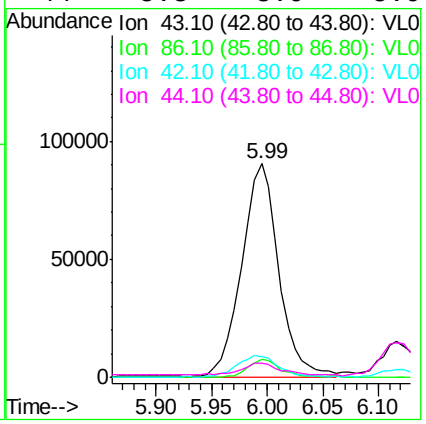


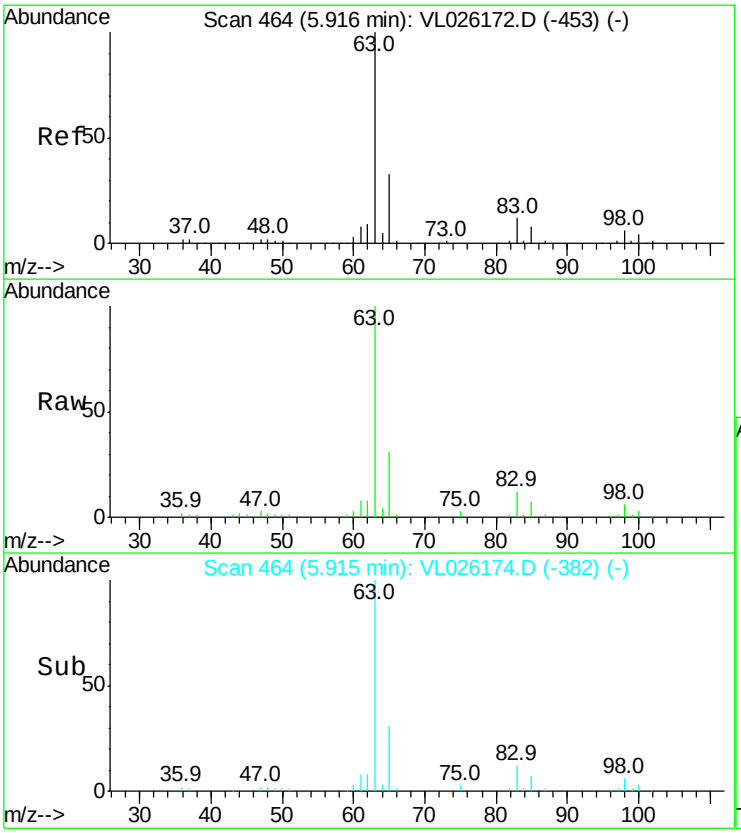
#23
Vinyl Acetate
Concen: 0.96 ppbv
RT: 5.99 min Scan# 477
Delta R.T. 0.01 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 43 Resp: 210724

Ion	Ratio	Lower	Upper
43	100		
86	8.3	7.2	10.8
42	9.1	7.4	11.2
44	5.3	3.9	5.9

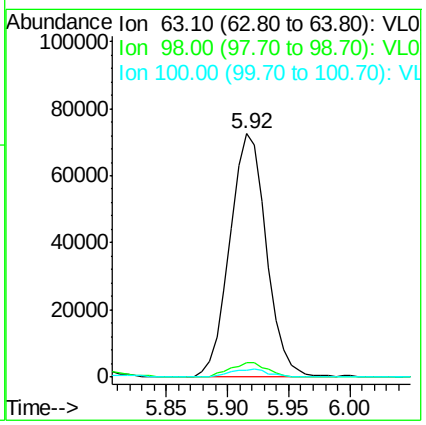


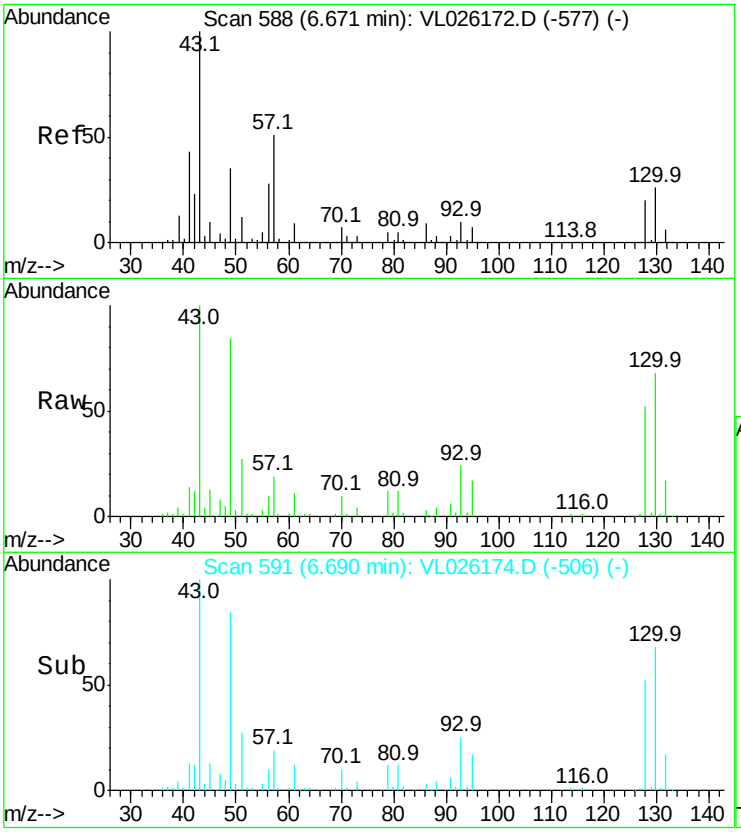


#24
1,1-Dichloroethane
Concen: 1.02 ppbv
RT: 5.92 min Scan# 464
Delta R.T. -0.00 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Tgt Ion: 63 Resp: 150368

Ion	Ratio	Lower	Upper
63	100		
98	5.8	2.9	8.7
100	2.6	1.8	5.5



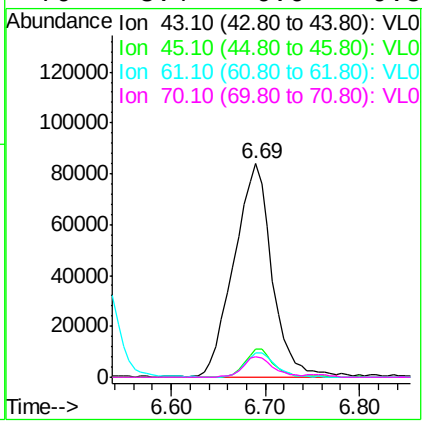


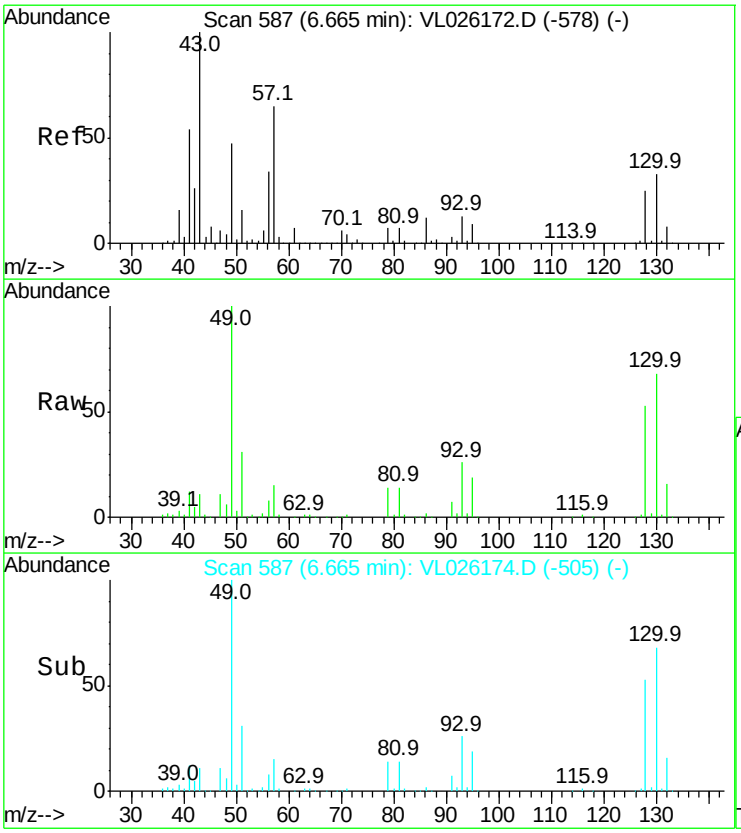
#25
Ethyl Acetate
Concen: 0.97 ppbv
RT: 6.69 min Scan# 591
Delta R.T. 0.02 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 43 Resp: 237017

Ion	Ratio	Lower	Upper
43	100		
45	10.1	7.7	11.5
61	9.2	7.4	11.2
70	8.4	6.6	9.8

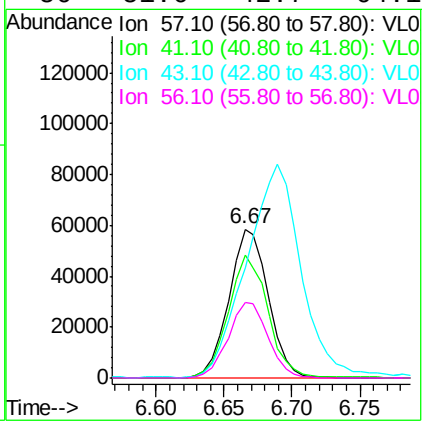


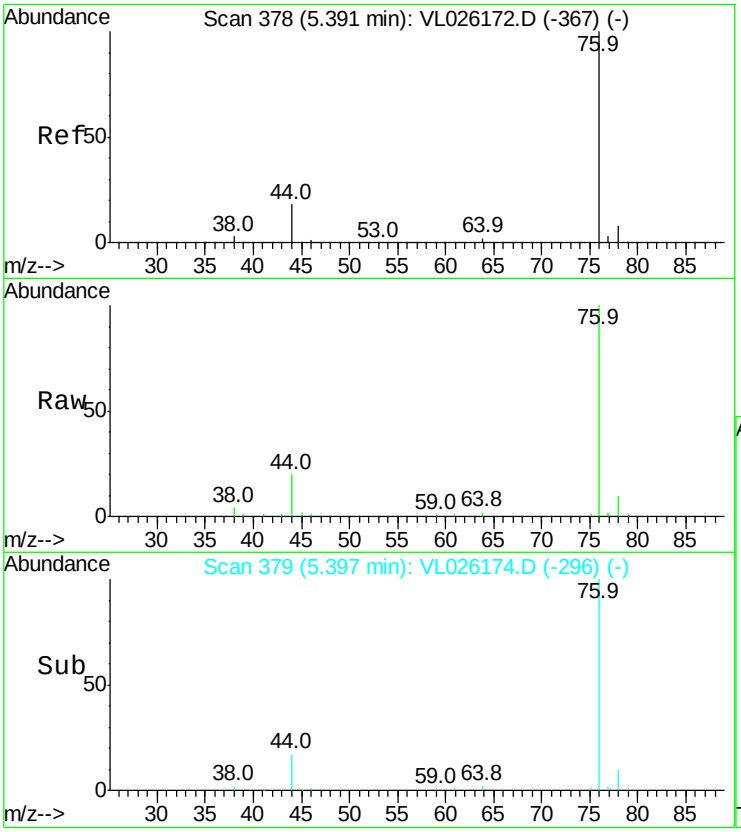


#26
Hexane
Concen: 1.00 ppbv
RT: 6.67 min Scan# 587
Delta R.T. -0.00 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Tgt Ion: 57 Resp: 117719

Ion	Ratio	Lower	Upper
57	100		
41	83.7	68.0	102.0
43	205.9	164.4	246.6
56	51.6	42.7	64.1



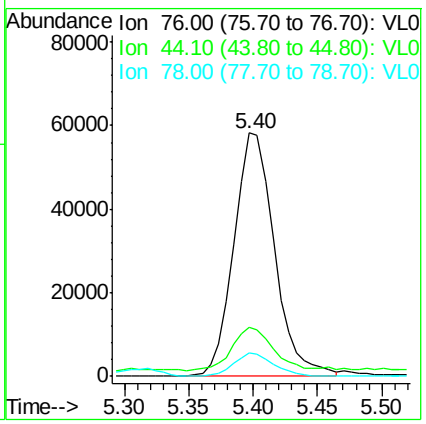


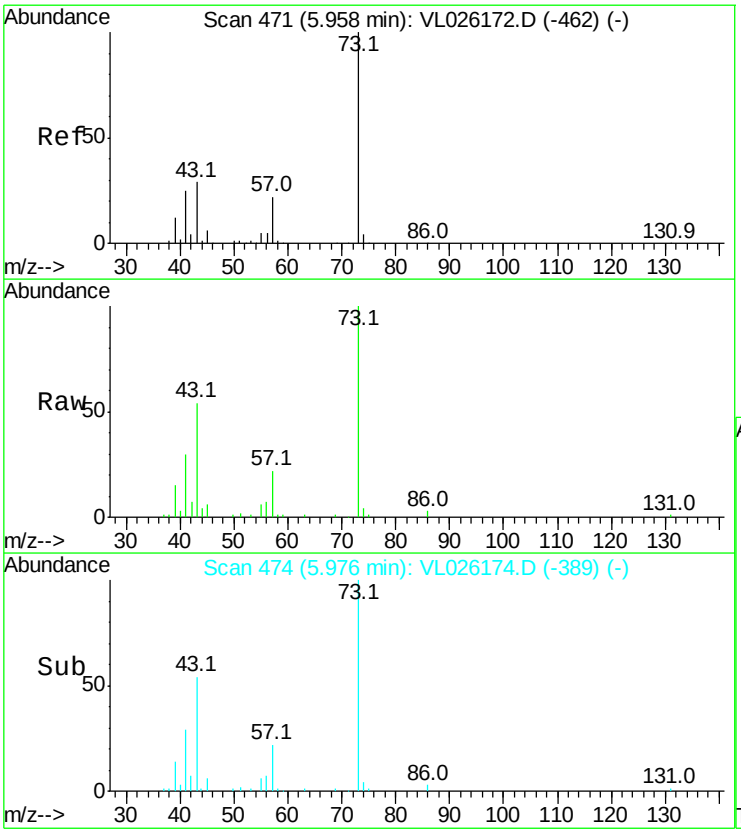
#27
Carbon Disulfide
Concen: 1.02 ppbv
RT: 5.40 min Scan# 379
Delta R.T. 0.01 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 76 Resp: 127850

Ion	Ratio	Lower	Upper
76	100		
44	22.0	14.2	21.4#
78	9.3	7.5	11.3

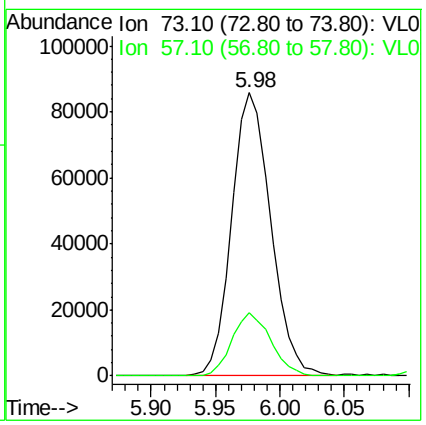


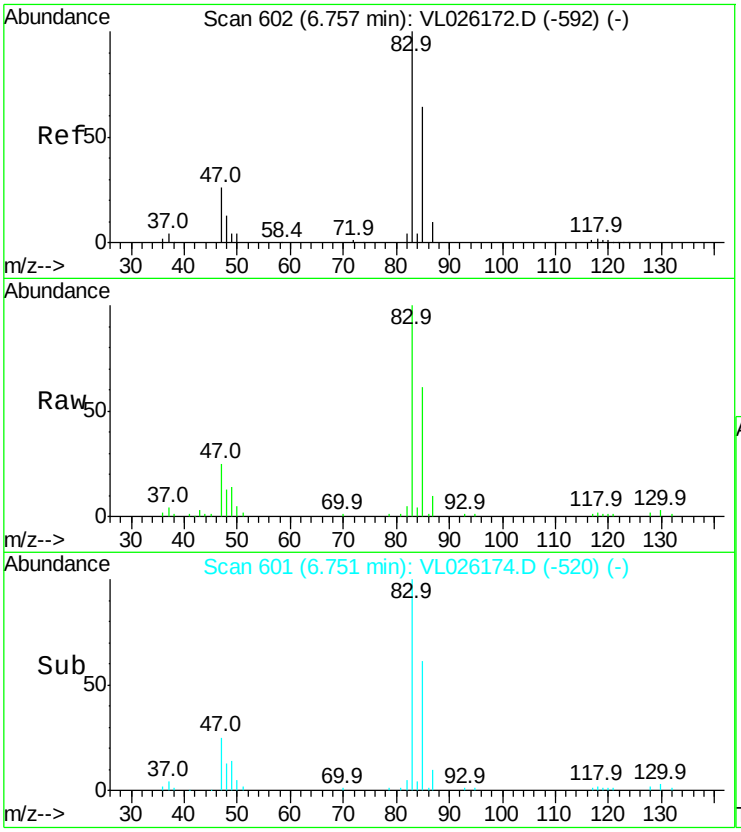


#28
Methyl tert-Butyl Ether
Concen: 1.02 ppbv
RT: 5.98 min Scan# 474
Delta R.T. 0.02 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Tgt Ion: 73 Resp: 181565

Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.8	26.6



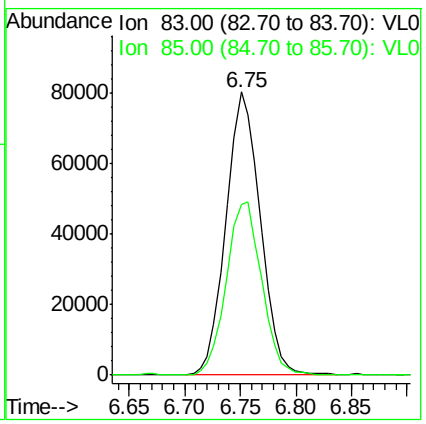


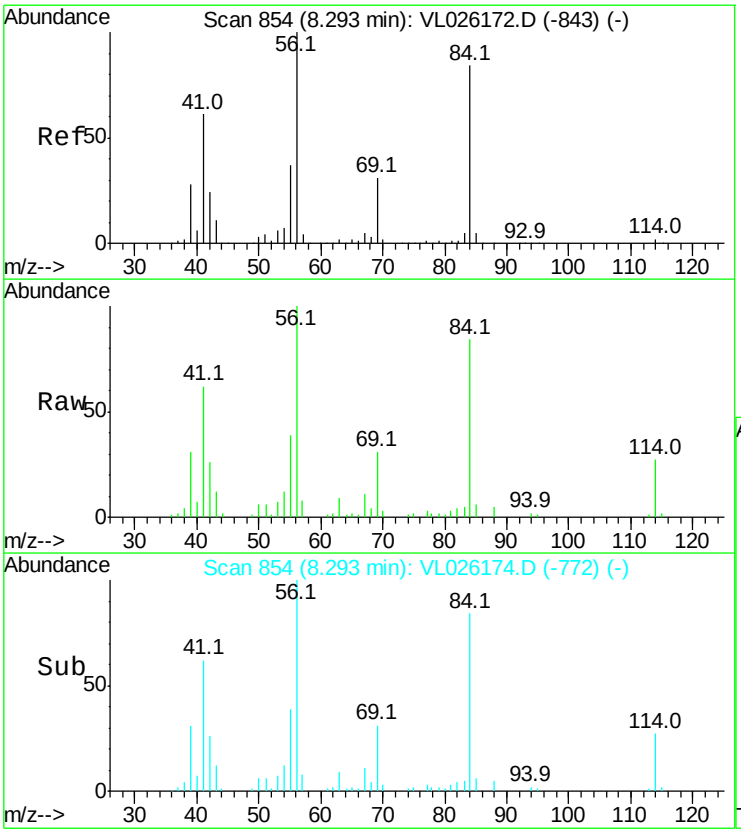
#29
Chloroform
Concen: 1.05 ppbv
RT: 6.75 min Scan# 601
Delta R.T. -0.01 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 171948

Ion	Ratio	Lower	Upper
83	100		
85	60.5	51.5	77.3

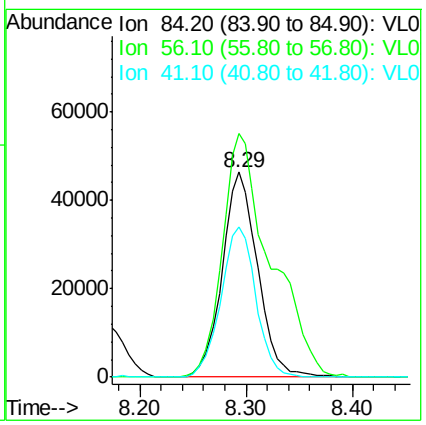


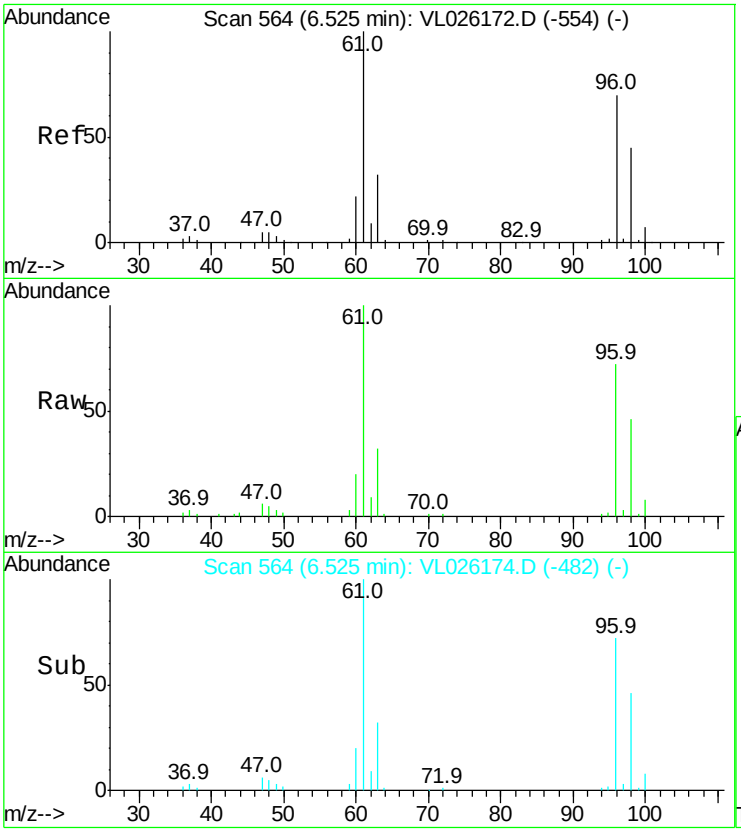


#30
Cyclohexane
Concen: 0.96 ppbv
RT: 8.29 min Scan# 854
Delta R.T. -0.00 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Tgt Ion: 84 Resp: 107623

Ion	Ratio	Lower	Upper
84	100		
56	162.0	99.8	149.8#
41	72.2	58.1	87.1



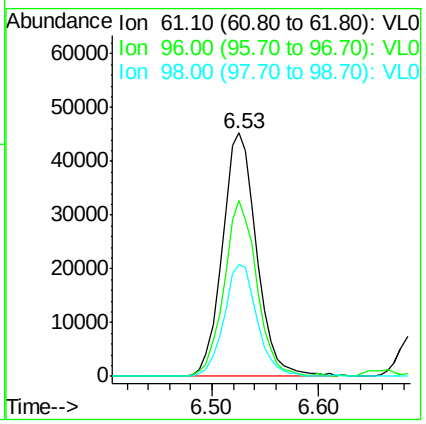


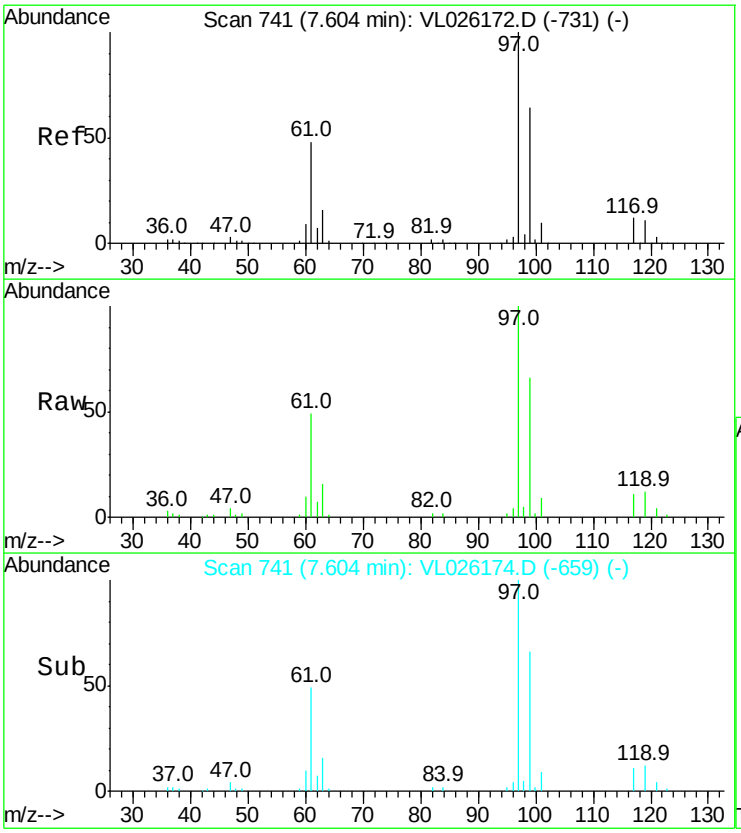
#31
cis-1,2-Dichloroethene
Concen: 0.95 ppbv
RT: 6.53 min Scan# 564
Delta R.T. -0.00 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 61 Resp: 101788

Ion	Ratio	Lower	Upper
61	100		
96	72.2	55.8	83.8
98	45.7	35.8	53.6

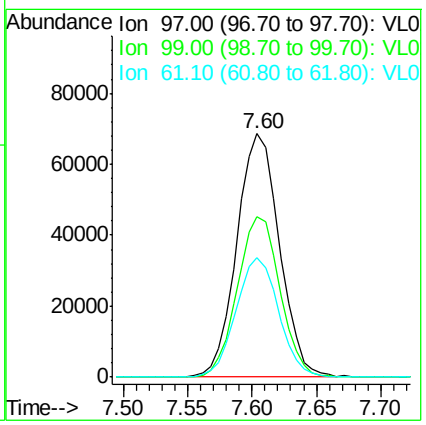


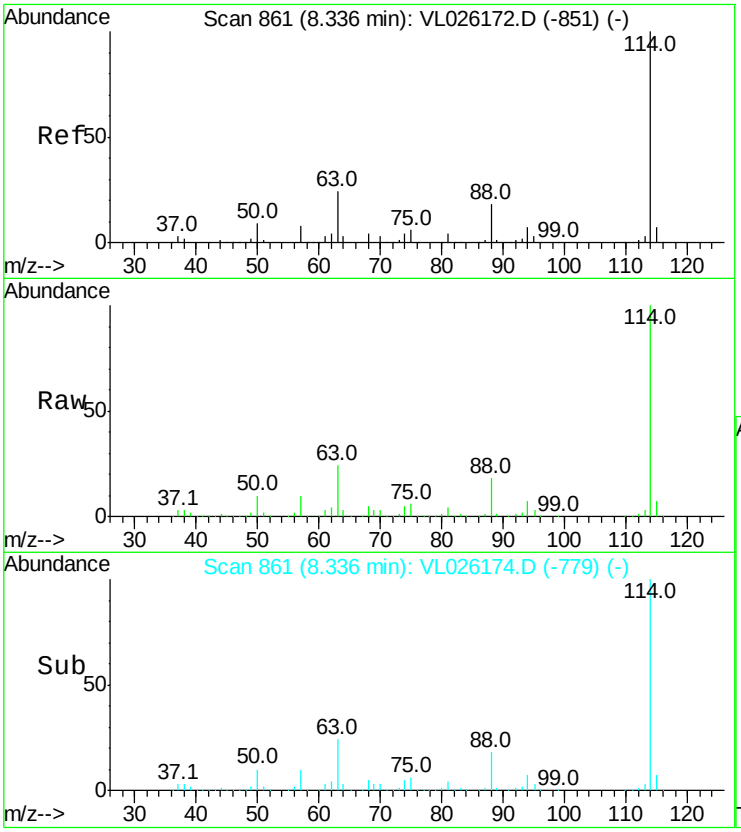


#32
1,1,1-Trichloroethane
Concen: 0.96 ppbv
RT: 7.60 min Scan# 741
Delta R.T. -0.00 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Tgt Ion: 97 Resp: 157260

Ion	Ratio	Lower	Upper
97	100		
99	65.9	51.3	76.9
61	49.2	38.7	58.1



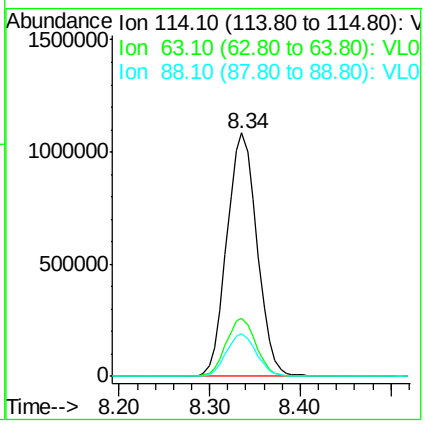


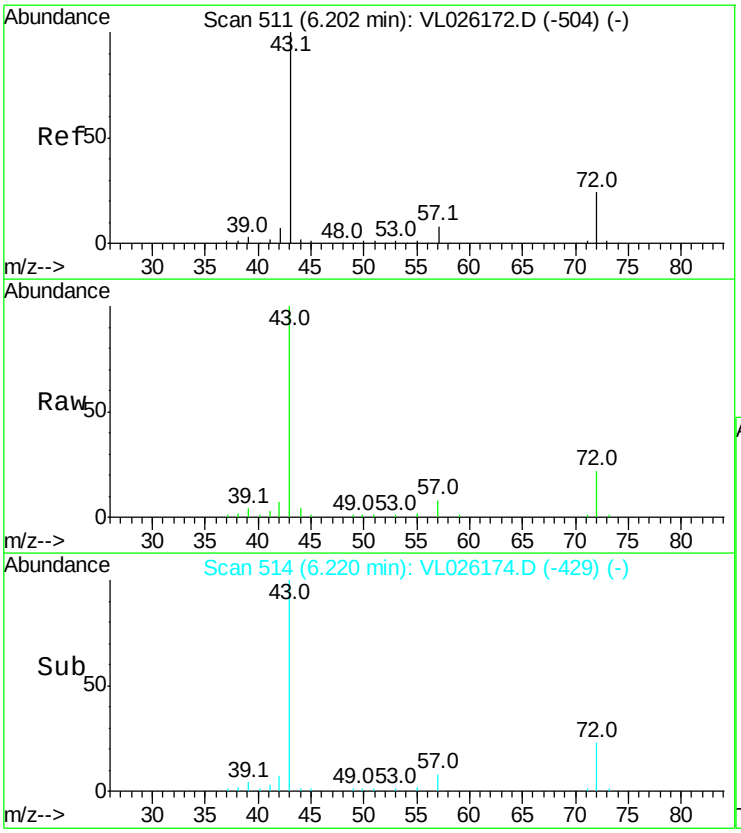
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.34 min Scan# 861
Delta R.T. -0.00 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:114 Resp: 2510991

Ion	Ratio	Lower	Upper
114	100		
63	23.8	19.0	28.6
88	17.4	13.8	20.8

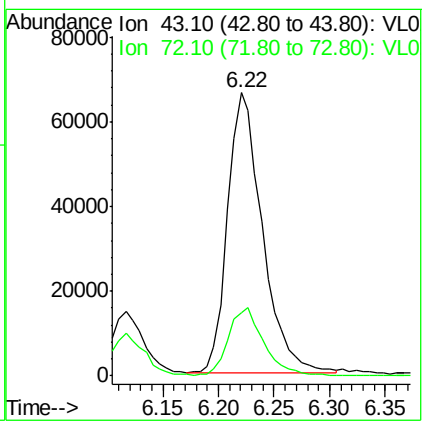


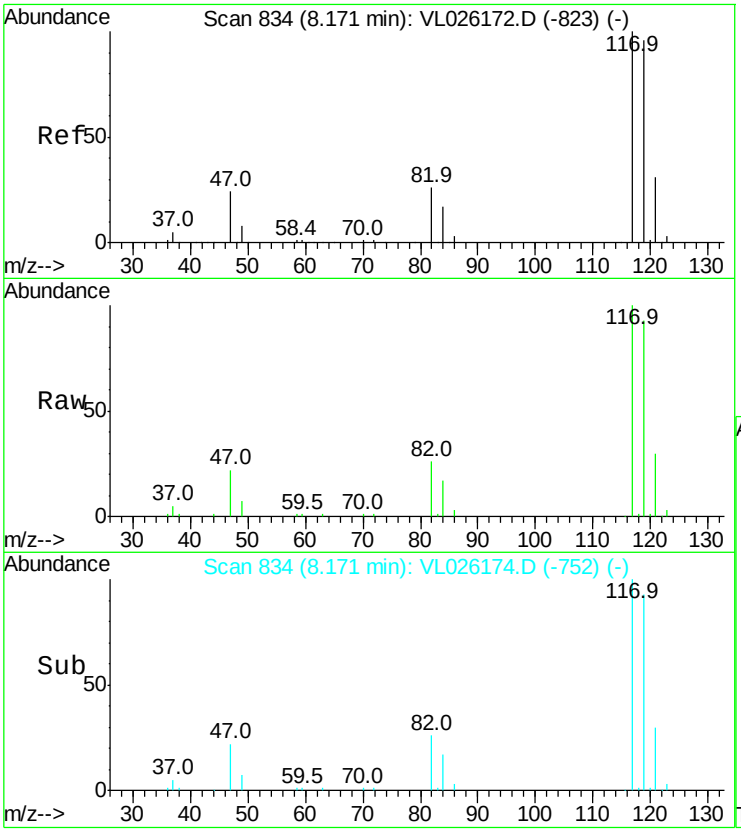


#34
2-Butanone
Concen: 0.89 ppbv
RT: 6.22 min Scan# 514
Delta R.T. 0.02 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Tgt Ion: 43 Resp: 143821

Ion	Ratio	Lower	Upper
43	100		
72	25.0	19.6	29.4



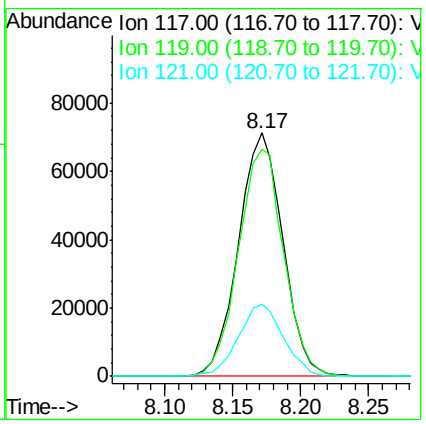


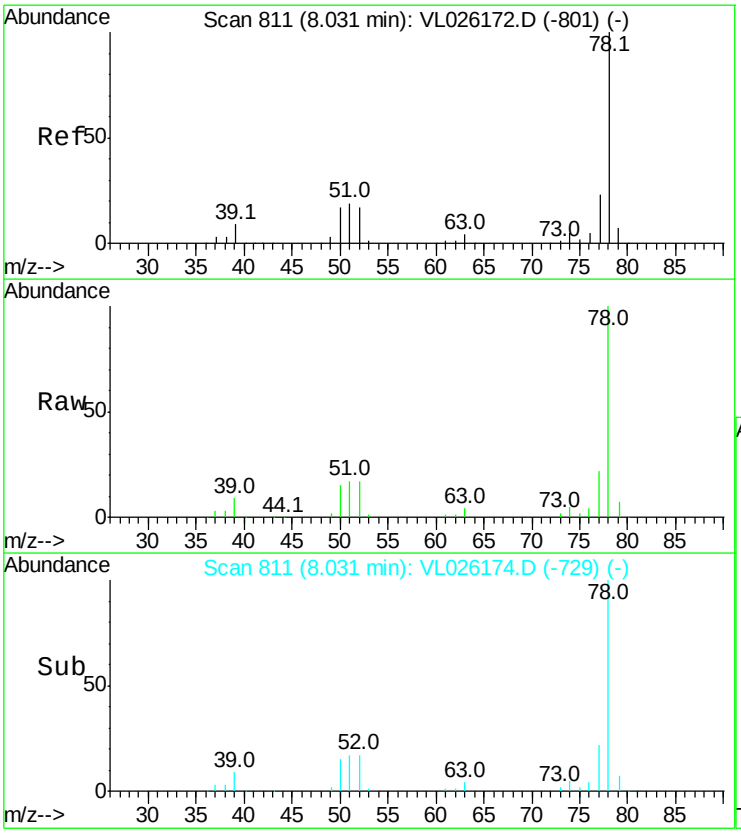
#35
Carbon Tetrachloride
Concen: 0.97 ppbv
RT: 8.17 min Scan# 834
Delta R.T. -0.00 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:117 Resp: 162847

Ion	Ratio	Lower	Upper
117	100		
119	93.4	76.6	115.0
121	29.6	25.0	37.4

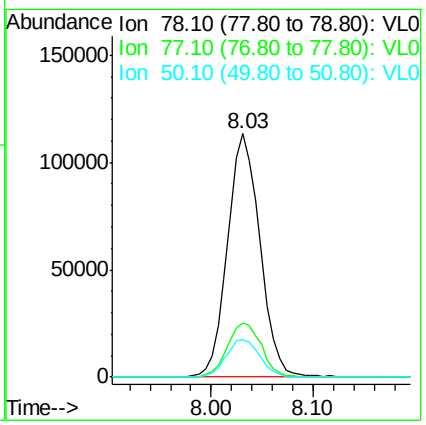


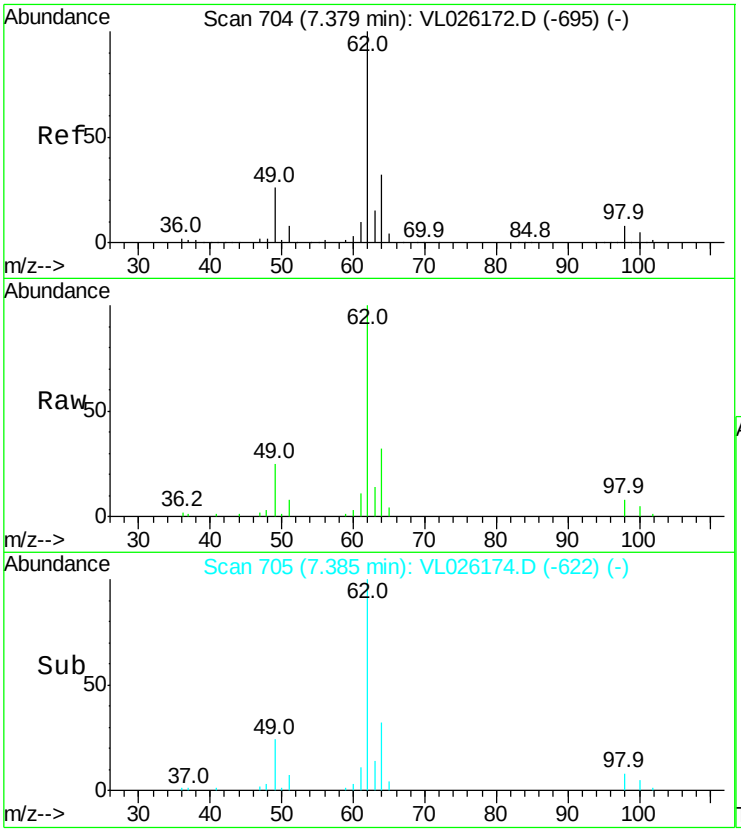


#36
Benzene
Concen: 0.94 ppbv
RT: 8.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Tgt Ion: 78 Resp: 249310

Ion	Ratio	Lower	Upper
78	100		
77	22.2	18.2	27.4
50	15.2	13.4	20.2



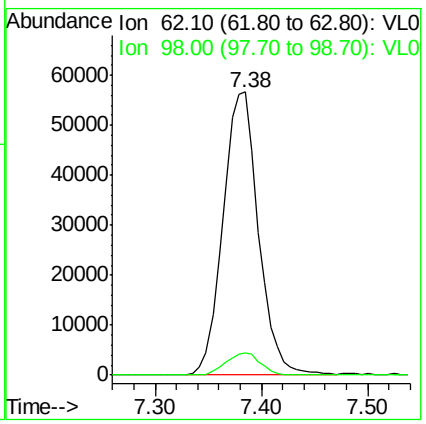


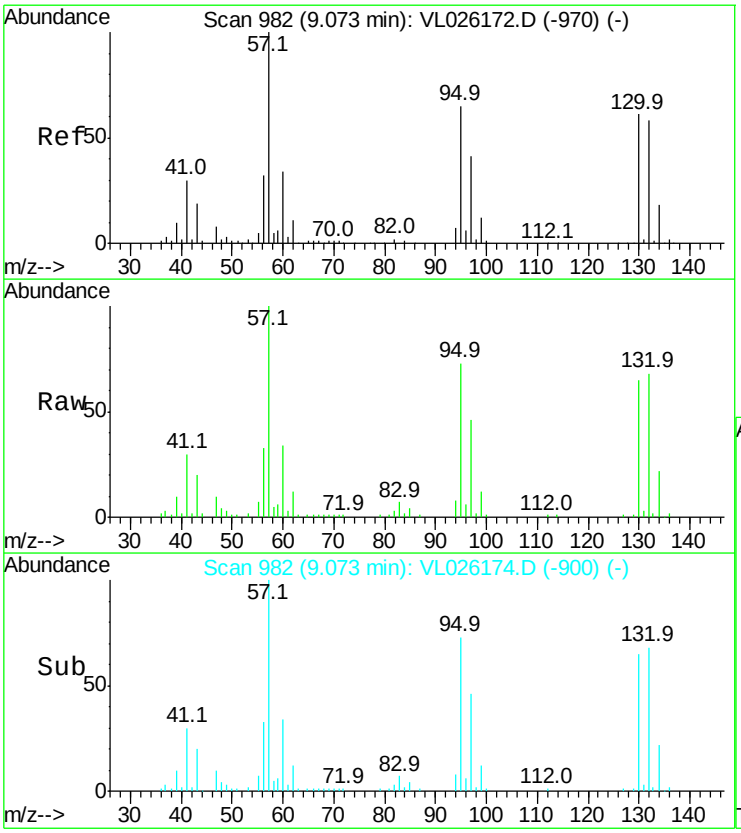
#37
1,2-Dichloroethane
Concen: 1.00 ppbv
RT: 7.38 min Scan# 705
Delta R.T. 0.01 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 62 Resp: 132105

Ion	Ratio	Lower	Upper
62	100		
98	7.6	6.2	9.2

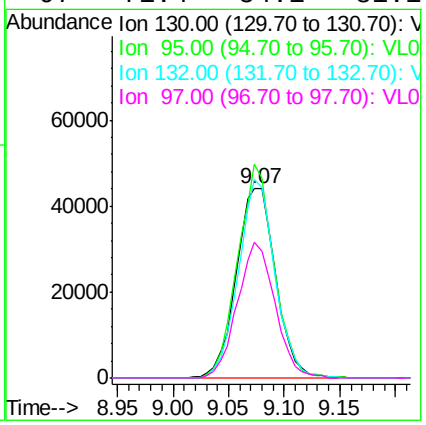


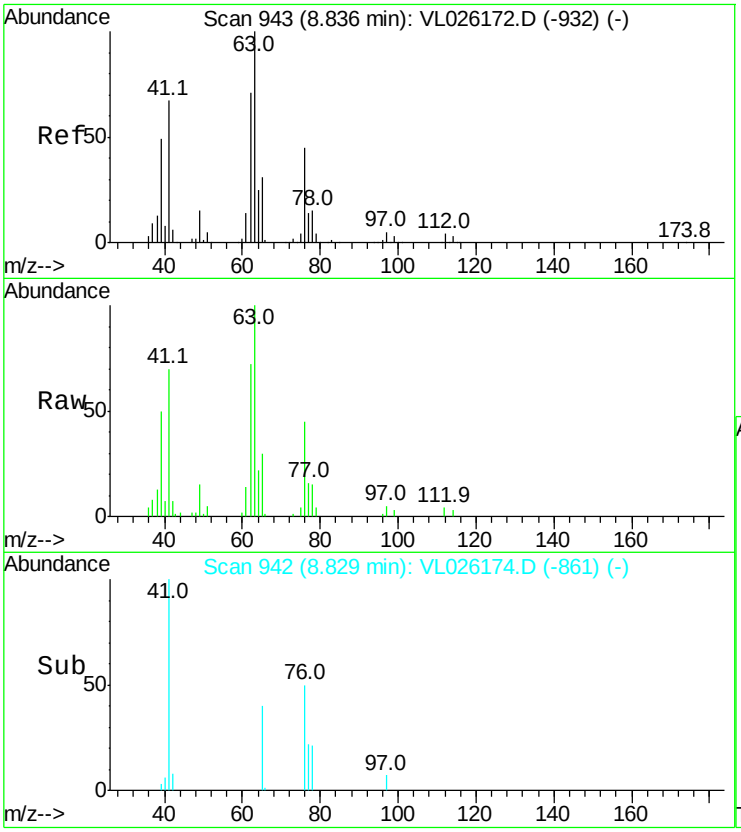


#38
Trichloroethene
Concen: 0.93 ppbv
RT: 9.07 min Scan# 982
Delta R.T. -0.00 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Tgt Ion:130 Resp: 108319

Ion	Ratio	Lower	Upper
130	100		
95	112.8	84.9	127.3
132	104.7	76.8	115.2
97	71.4	54.1	81.1



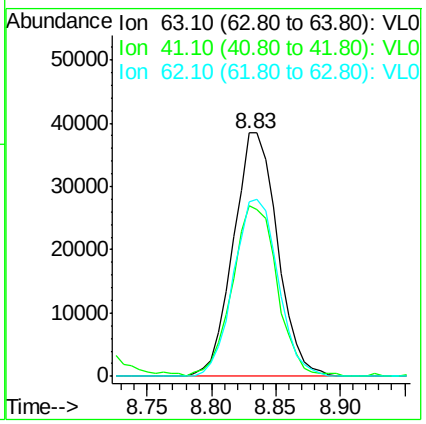


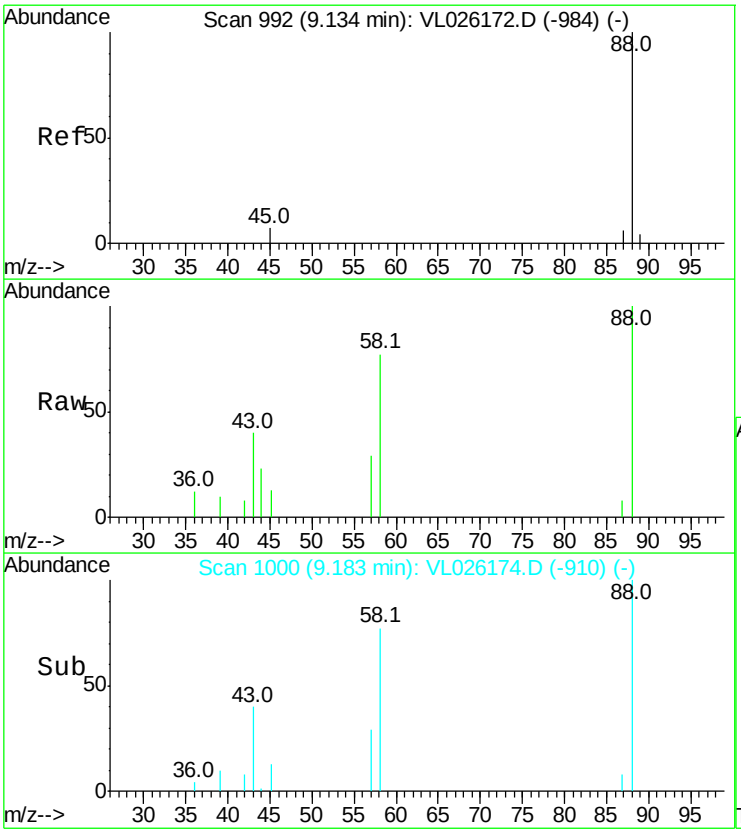
#39
1,2-Dichloropropane
Concen: 0.92 ppbv
RT: 8.83 min Scan# 942
Delta R.T. -0.01 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 63 Resp: 91268

Ion	Ratio	Lower	Upper
63	100		
41	70.1	53.9	80.9
62	71.9	57.1	85.7

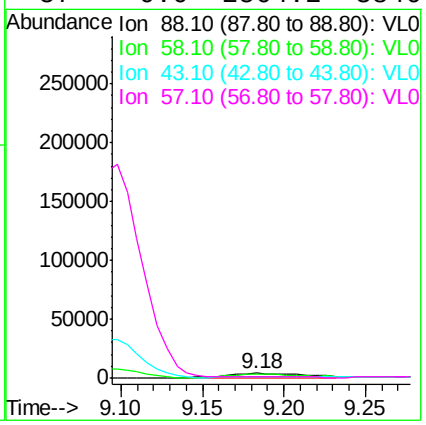


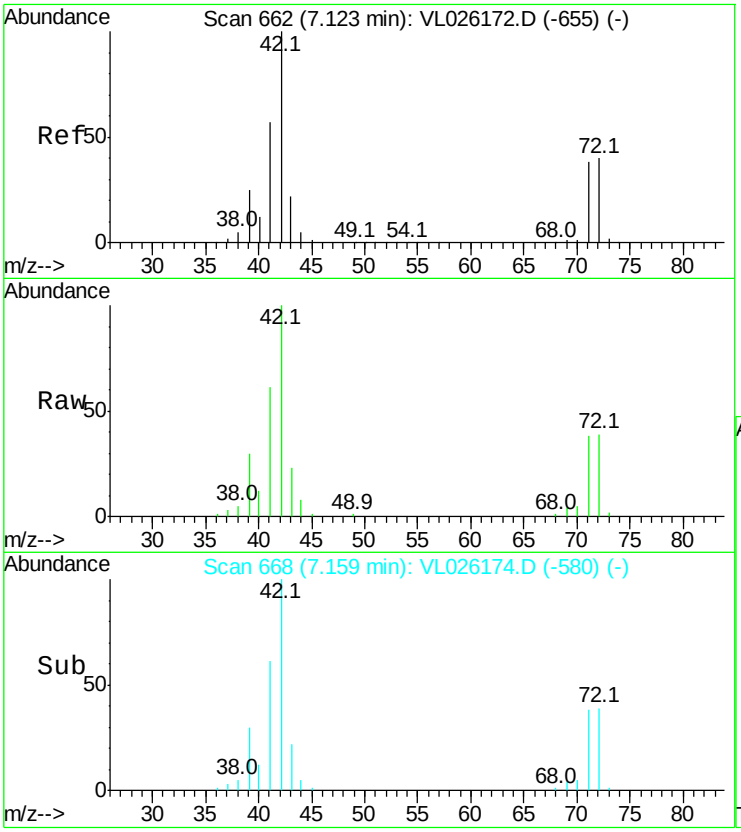


#40
1,4-Dioxane
Concen: 0.98 ppbv
RT: 9.18 min Scan# 1000
Delta R.T. 0.05 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Tgt Ion: 88 Resp: 14267

Ion	Ratio	Lower	Upper
88	100		
58	105.5	178.4	267.6#
43	0.0	510.2	765.4#
57	0.0	2564.2	3846.4#



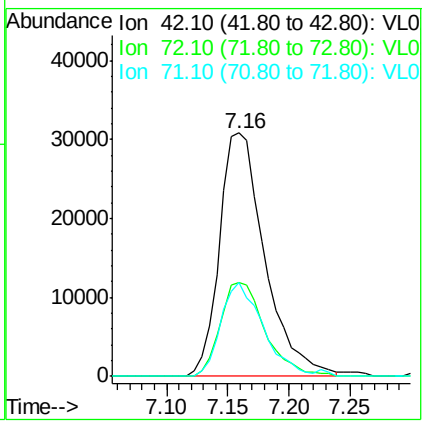


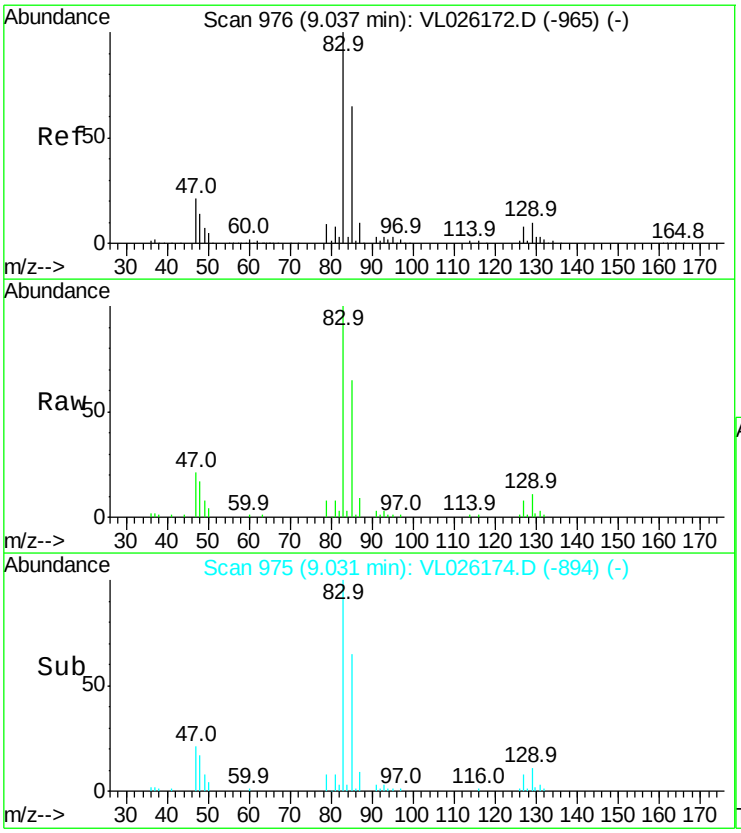
#41
Tetrahydrofuran
Concen: 0.84 ppbv
RT: 7.16 min Scan# 668
Delta R.T. 0.04 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 42 Resp: 79225

Ion	Ratio	Lower	Upper
42	100		
72	38.1	32.4	48.6
71	36.7	30.2	45.4

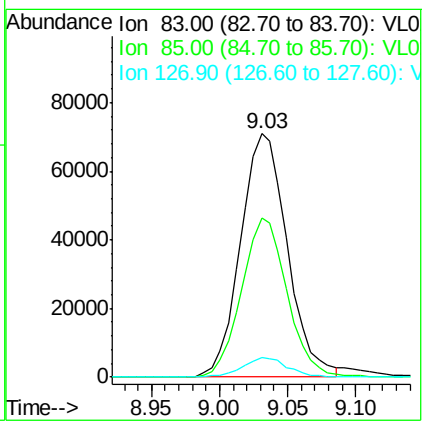


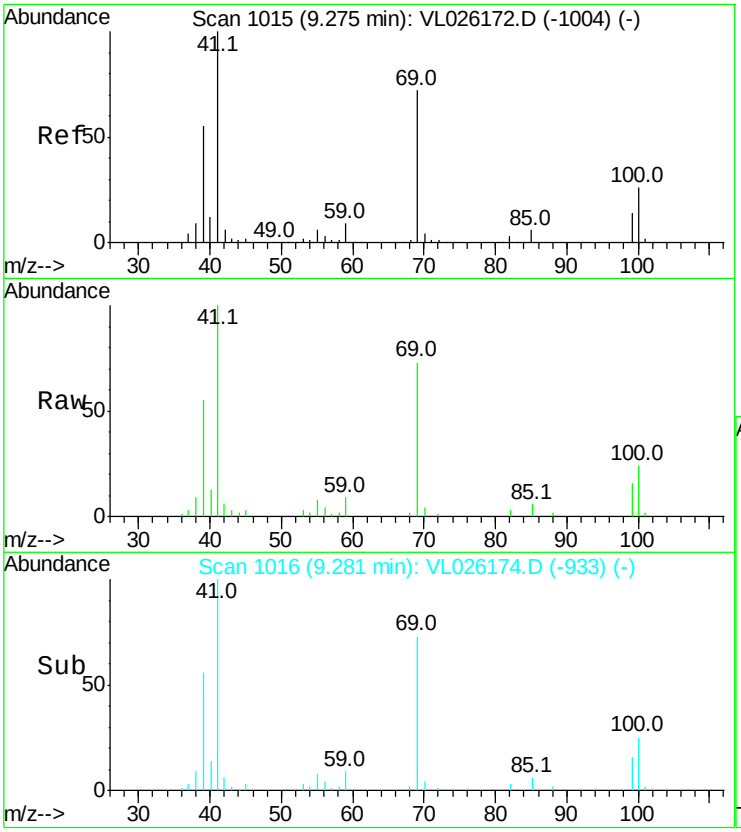


#42
Bromodichloromethane
Concen: 0.98 ppbv
RT: 9.03 min Scan# 975
Delta R.T. -0.01 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Tgt Ion: 83 Resp: 170799

Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.9	77.9
127	7.9	6.2	9.4



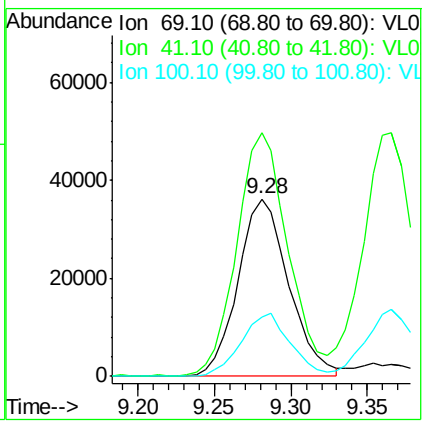


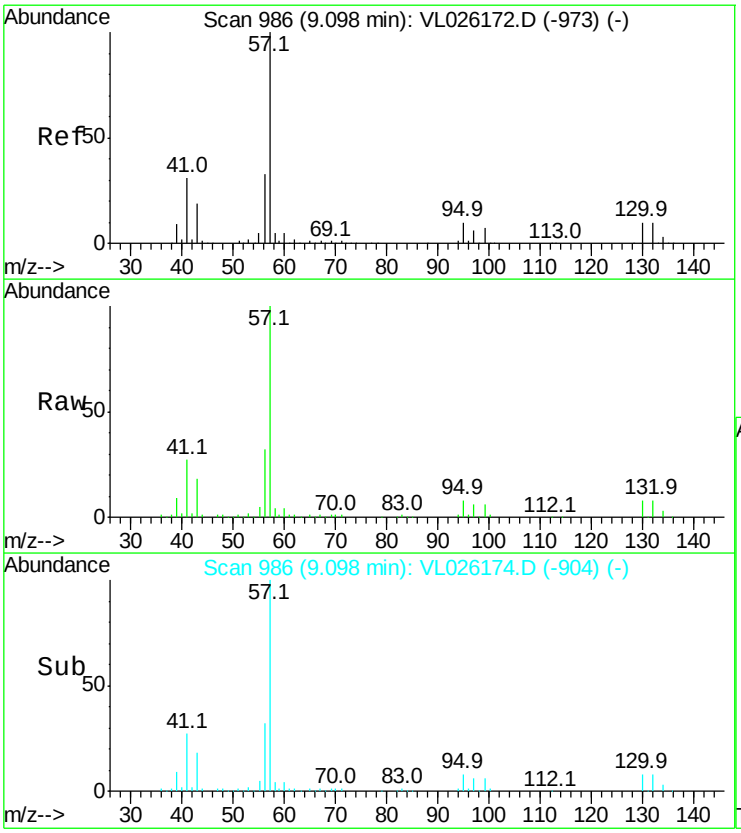
#43
Methyl Methacrylate
Concen: 0.89 ppbv
RT: 9.28 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 69 Resp: 83685

Ion	Ratio	Lower	Upper
69	100		
41	138.4	111.5	167.3
100	34.2	28.4	42.6

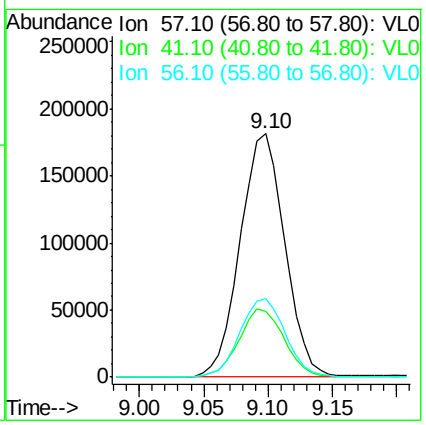


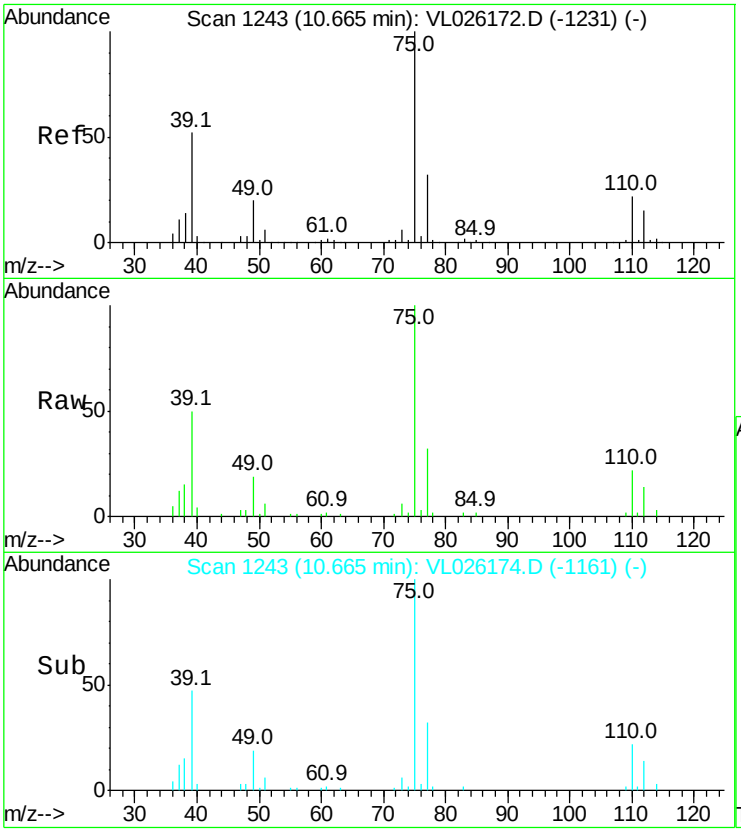


#44
2,2,4-Trimethylpentane
Concen: 0.97 ppbv
RT: 9.10 min Scan# 986
Delta R.T. -0.00 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Tgt Ion: 57 Resp: 435054

Ion	Ratio	Lower	Upper
57	100		
41	28.7	23.7	35.5
56	33.0	26.4	39.6



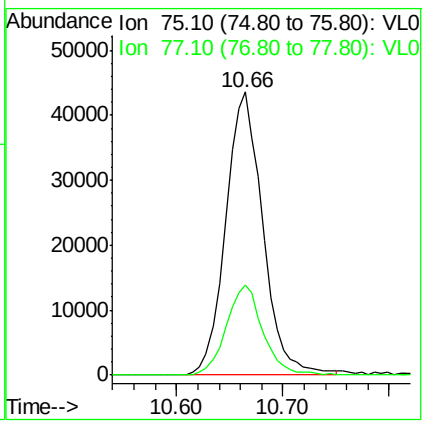


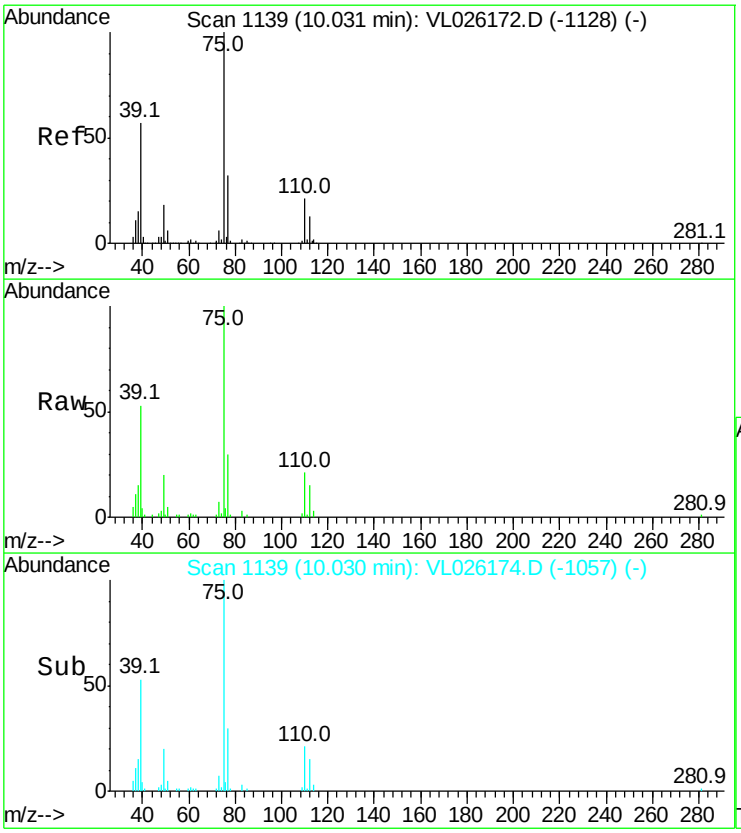
#45
t-1,3-Dichloropropene
Concen: 0.86 ppbv
RT: 10.66 min Scan# 1243
Delta R.T. -0.00 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 106457

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.5	38.3

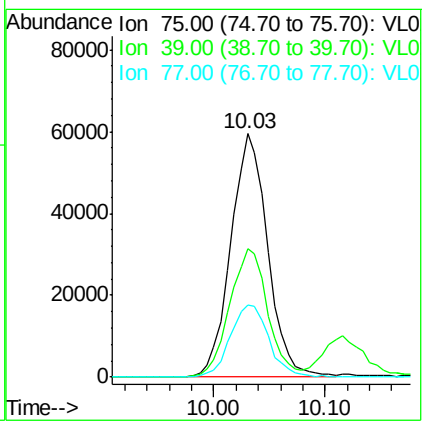


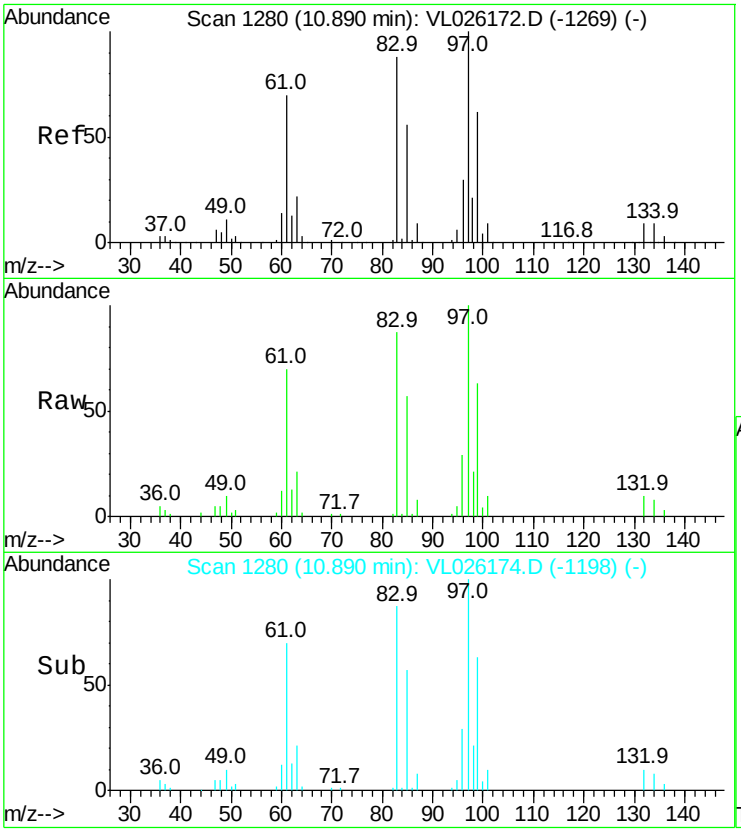


#46
cis-1,3-Dichloropropene
Concen: 0.89 ppbv
RT: 10.03 min Scan# 1139
Delta R.T. -0.00 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Tgt Ion: 75 Resp: 136920

Ion	Ratio	Lower	Upper
75	100		
39	52.9	45.4	68.2
77	29.8	25.4	38.2



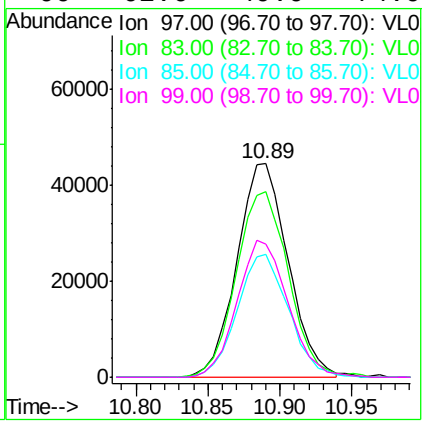


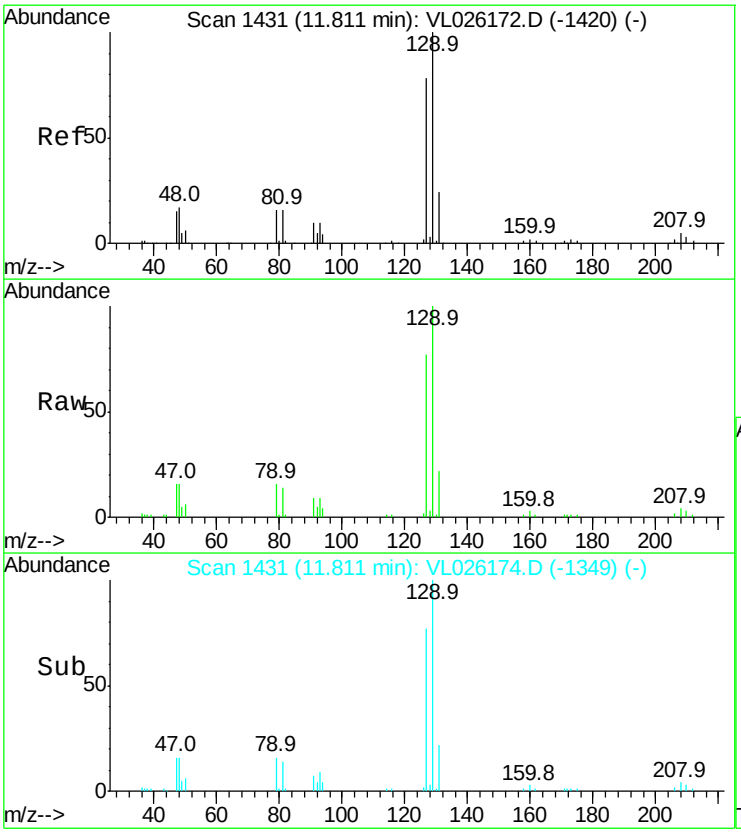
#47
1,1,2-Trichloroethane
Concen: 0.97 ppbv
RT: 10.89 min Scan# 1280
Delta R.T. -0.00 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 97 Resp: 109575

Ion	Ratio	Lower	Upper
97	100		
83	85.8	70.6	106.0
85	57.3	45.1	67.7
99	62.6	49.9	74.9

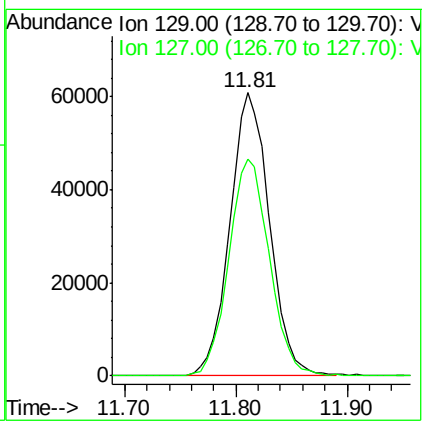


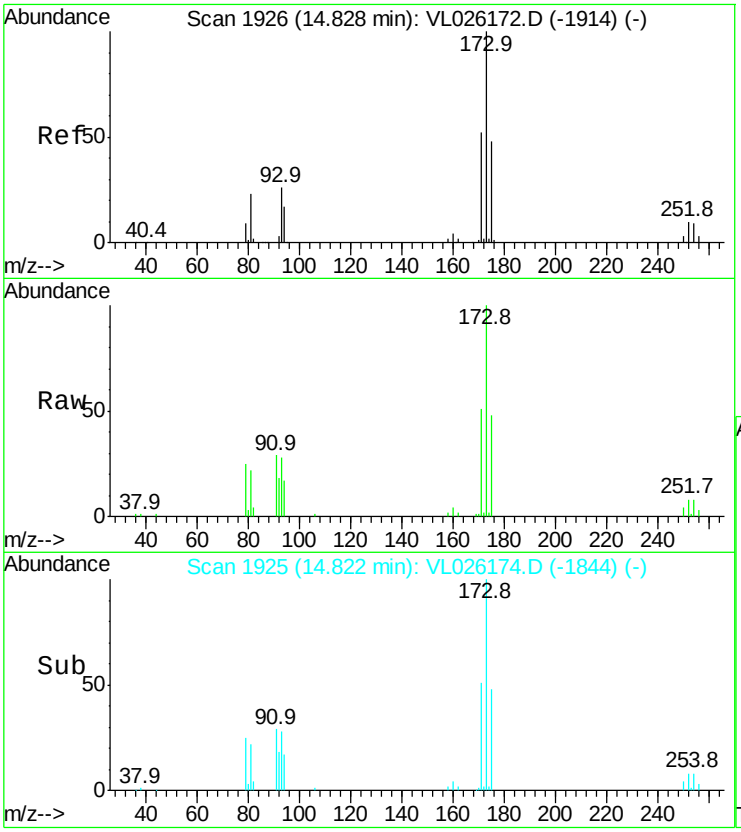


#48
Dibromochloromethane
Concen: 0.98 ppbv
RT: 11.81 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Tgt Ion:129 Resp: 150205

Ion	Ratio	Lower	Upper
129	100		
127	78.2	39.0	117.0



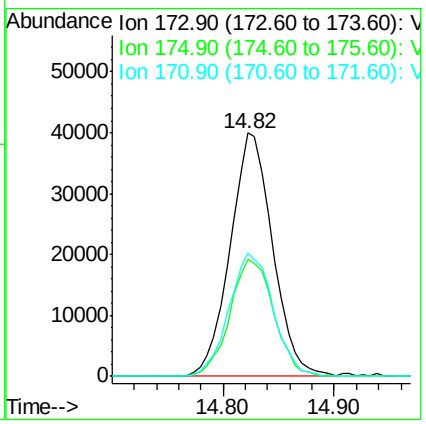


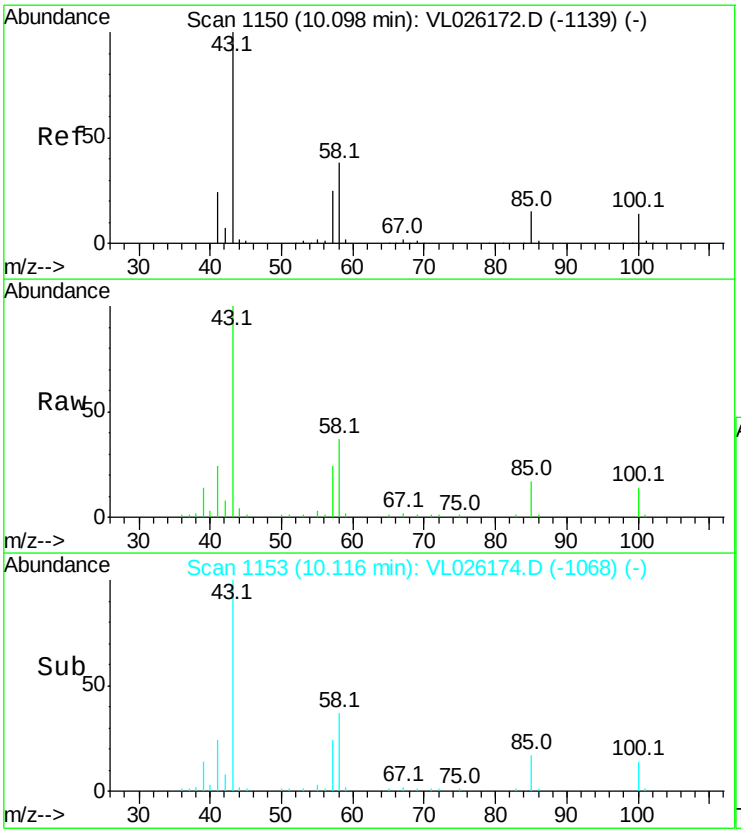
#49
Bromoform
Concen: 0.93 ppbv
RT: 14.82 min Scan# 1925
Delta R.T. -0.01 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:173 Resp: 105665

Ion	Ratio	Lower	Upper
173	100		
175	49.6	39.0	58.6
171	52.7	41.9	62.9

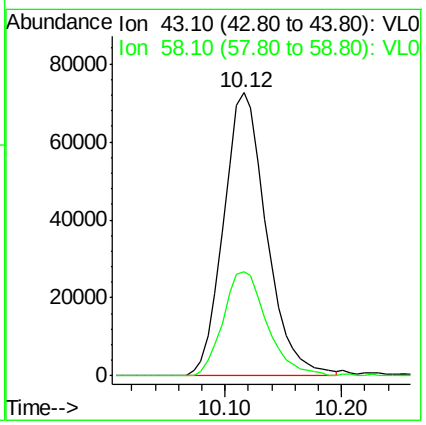


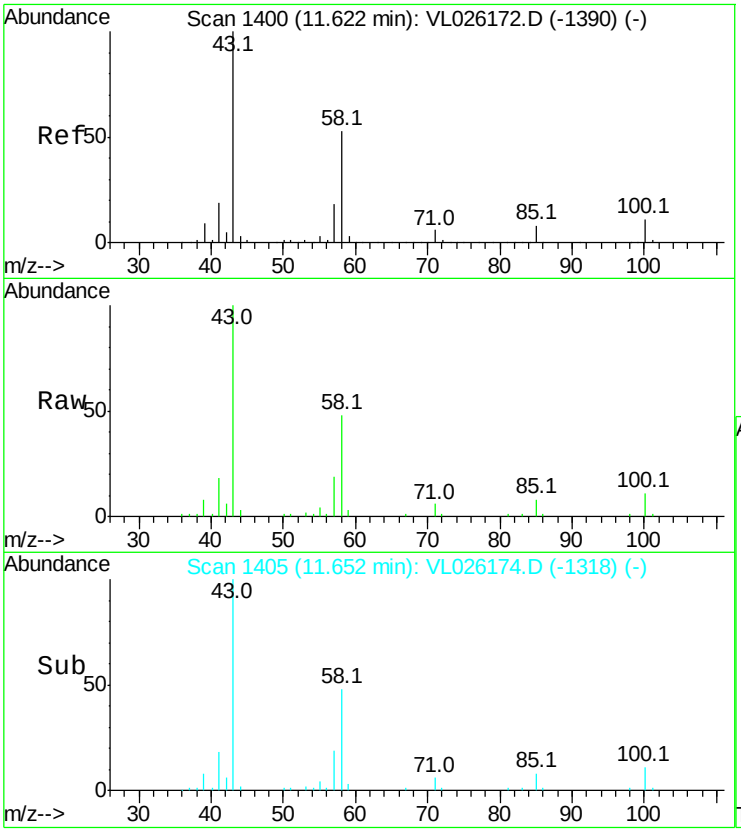


#50
4-Methyl-2-Pentanone
Concen: 0.86 ppbv
RT: 10.12 min Scan# 1153
Delta R.T. 0.02 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Tgt Ion: 43 Resp: 186578

Ion	Ratio	Lower	Upper
43	100		
58	37.4	30.4	45.6



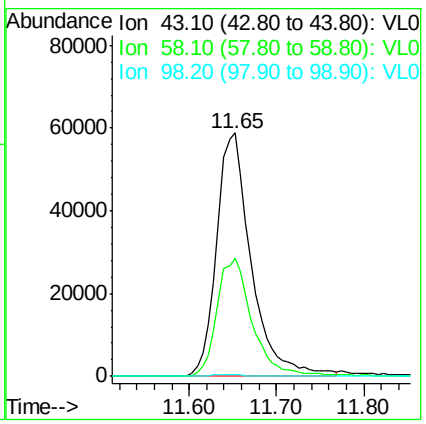


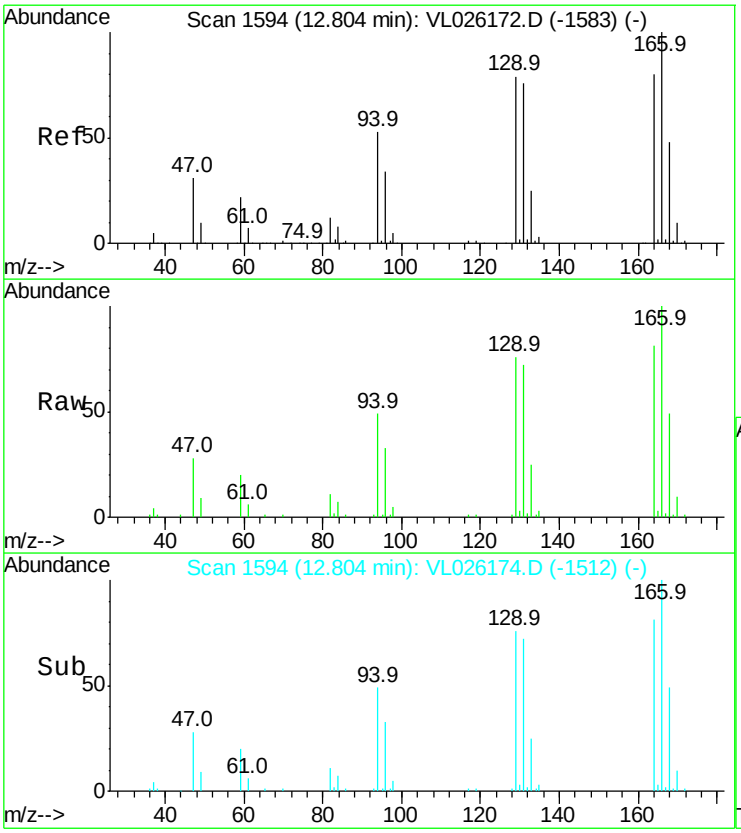
#51
2-Hexanone
Concen: 0.82 ppbv
RT: 11.65 min Scan# 1405
Delta R.T. 0.03 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 43 Resp: 161772

Ion	Ratio	Lower	Upper
43	100		
58	49.6	42.2	63.4
98	0.6	0.2	0.2#

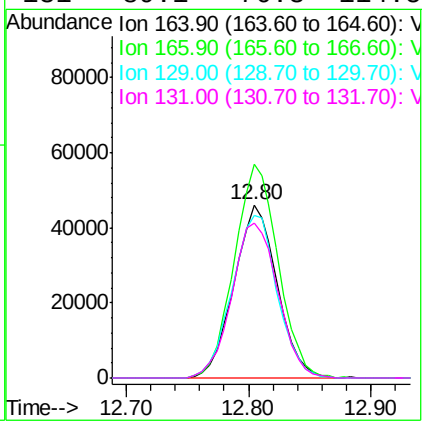


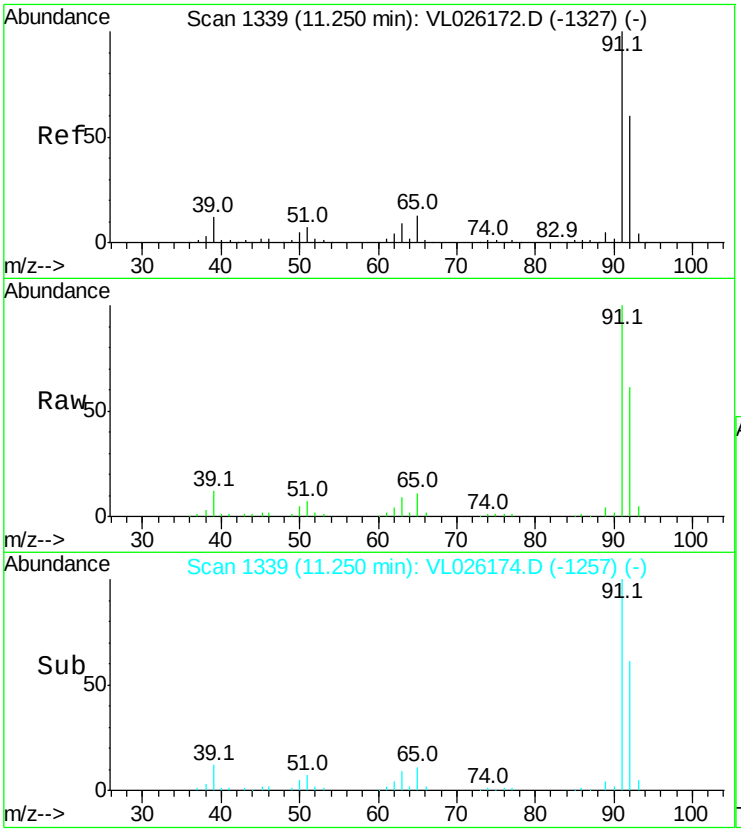


#52
Tetrachloroethene
Concen: 0.93 ppbv
RT: 12.80 min Scan# 1594
Delta R.T. -0.00 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Tgt Ion:164 Resp: 112683

Ion	Ratio	Lower	Upper
164	100		
166	123.3	99.9	149.9
129	93.9	79.1	118.7
131	89.1	76.3	114.5



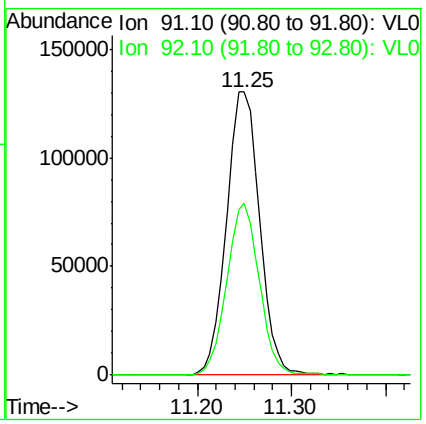


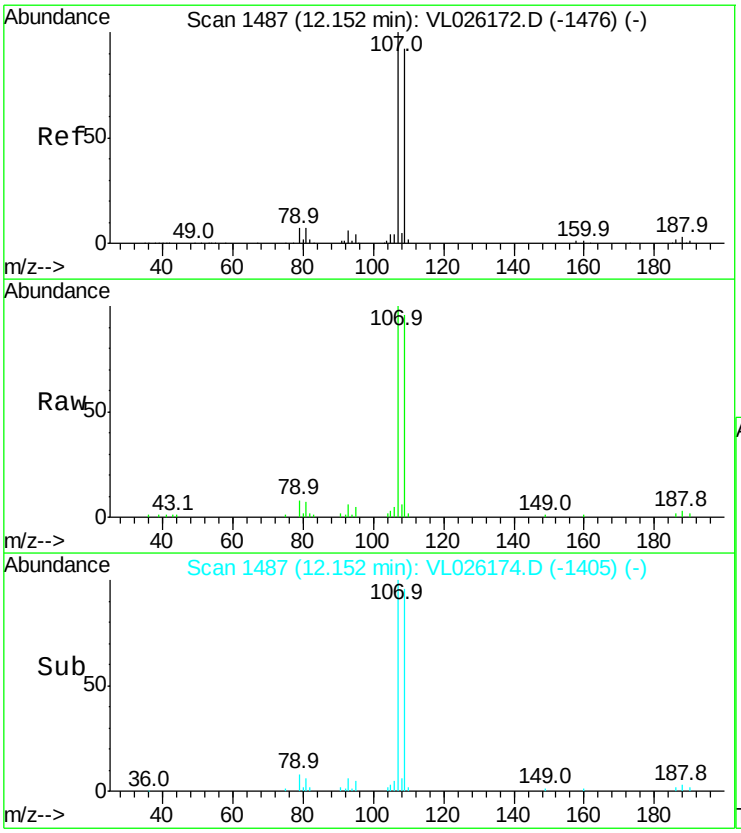
#53
Toluene
Concen: 0.95 ppbv
RT: 11.25 min Scan# 1339
Delta R.T. -0.00 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 91 Resp: 320129

Ion	Ratio	Lower	Upper
91	100		
92	59.5	48.5	72.7

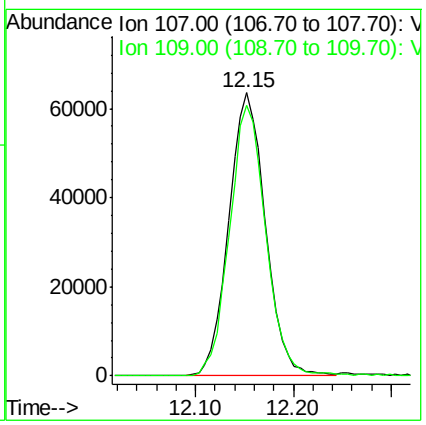


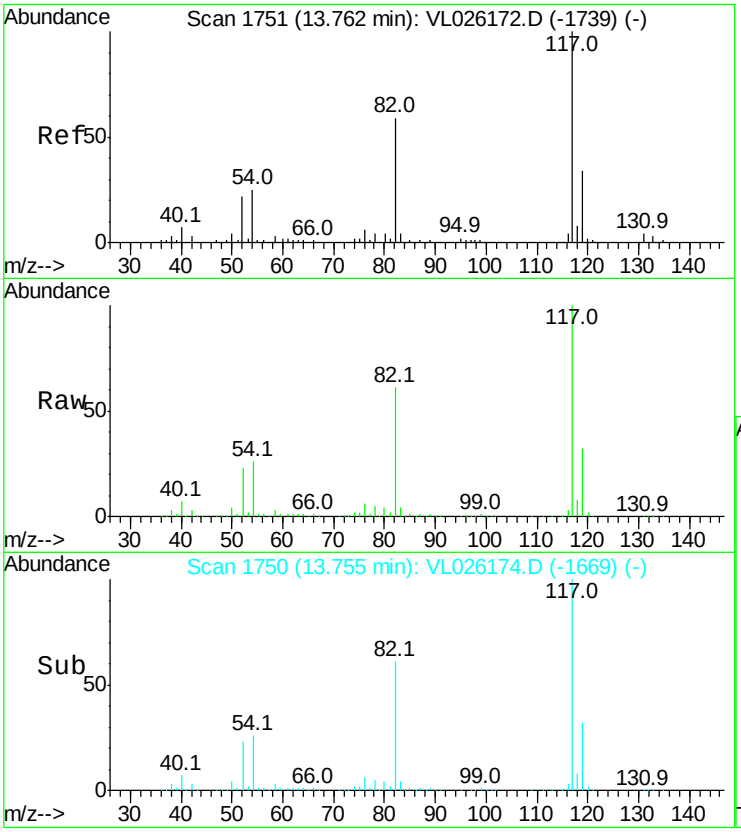


#54
1,2-Dibromoethane
Concen: 0.98 ppbv
RT: 12.15 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Tgt Ion:107 Resp: 165117

Ion	Ratio	Lower	Upper
107	100		
109	95.6	73.2	109.8



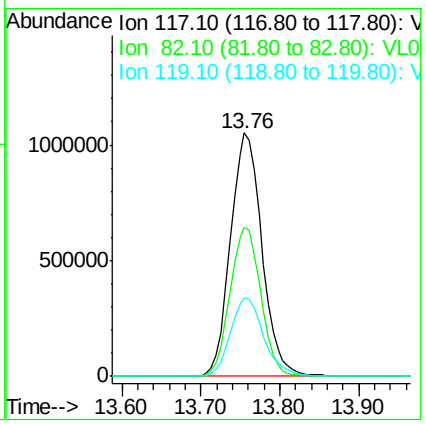


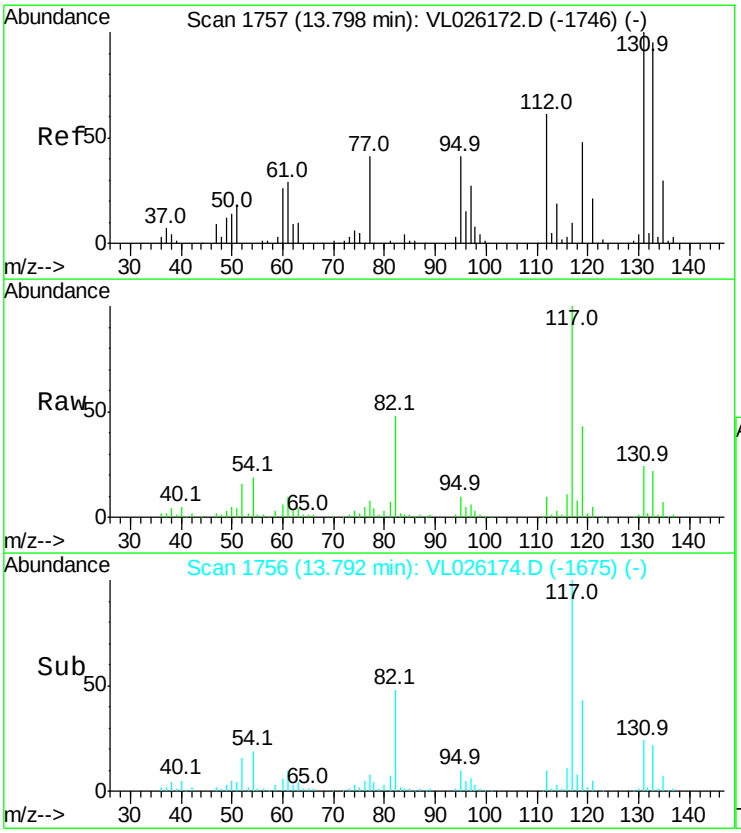
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.76 min Scan# 1750
Delta R.T. -0.01 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion:117 Resp: 2928031

Ion	Ratio	Lower	Upper
117	100		
82	60.2	47.7	71.5
119	34.4	43.7	65.5#

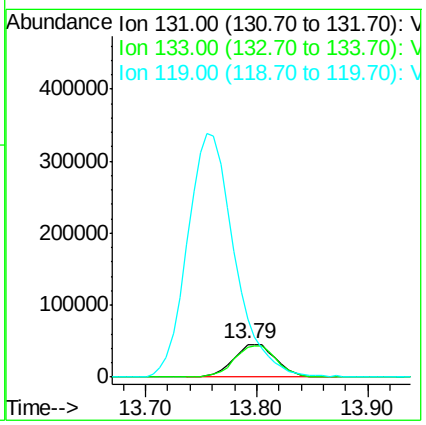


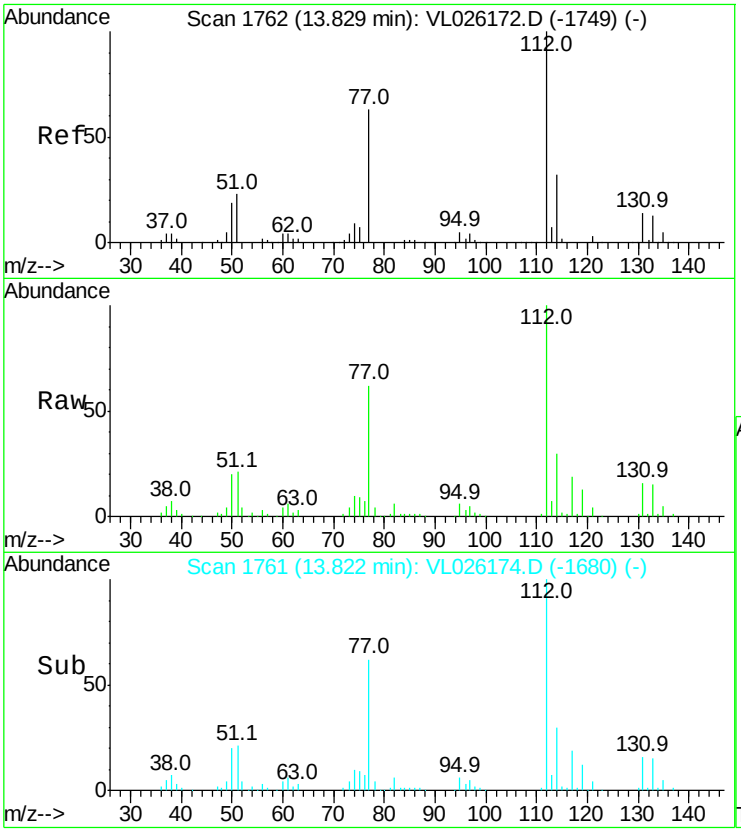


#56
1,1,1,2-Tetrachloroethane
Concen: 1.00 ppbv
RT: 13.79 min Scan# 1756
Delta R.T. -0.01 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Tgt Ion:131 Resp: 121430

Ion	Ratio	Lower	Upper
131	100		
133	94.7	76.5	114.7
119	829.9	116.0	174.0#



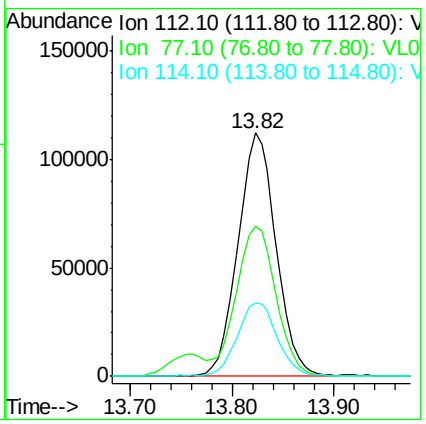


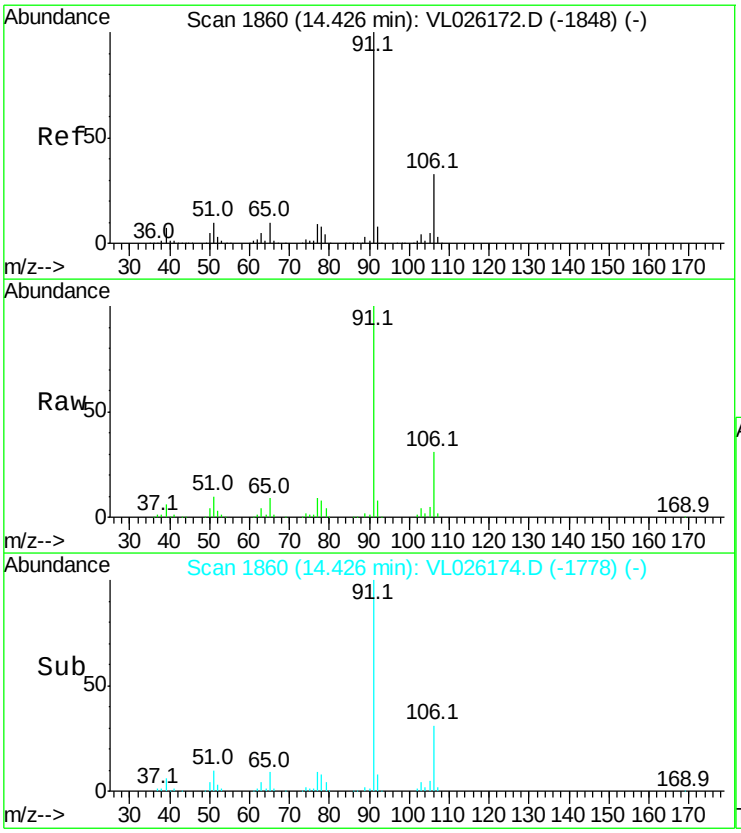
#57
Chlorobenzene
Concen: 1.01 ppbv
RT: 13.82 min Scan# 1761
Delta R.T. -0.01 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion:112 Resp: 291143

Ion	Ratio	Lower	Upper
112	100		
77	61.1	51.0	76.4
114	30.1	29.0	35.4

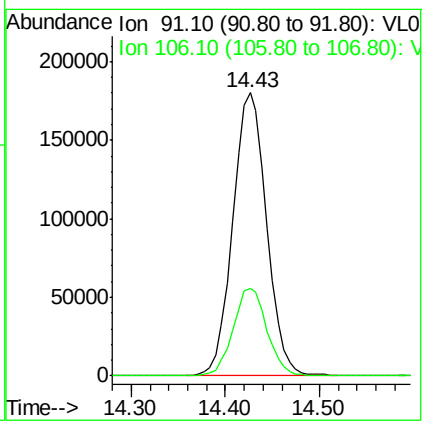


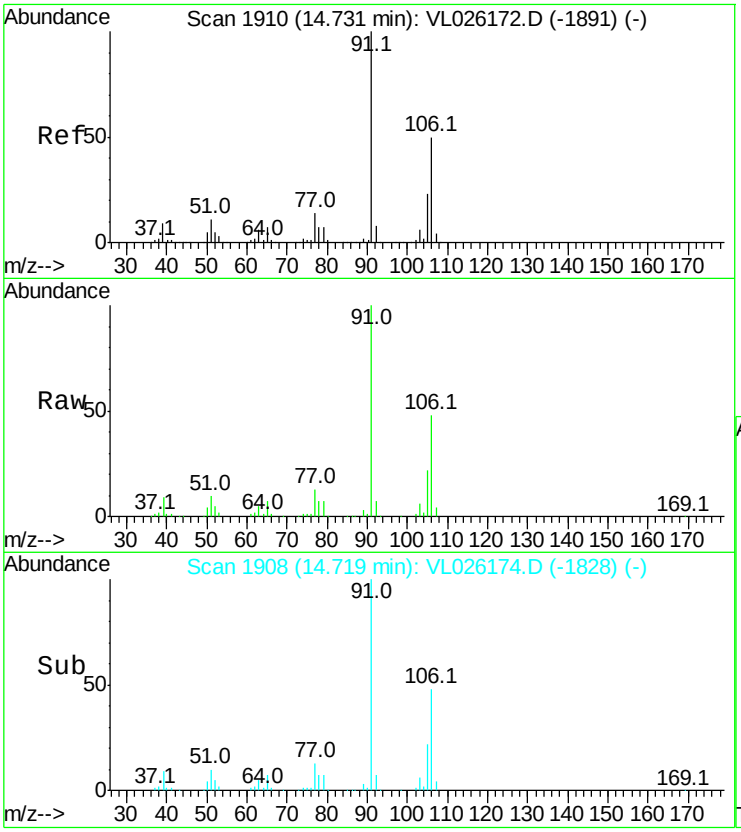


#58
Ethyl Benzene
Concen: 0.93 ppbv
RT: 14.43 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Tgt Ion: 91 Resp: 450477

Ion	Ratio	Lower	Upper
91	100		
106	30.9	26.1	39.1



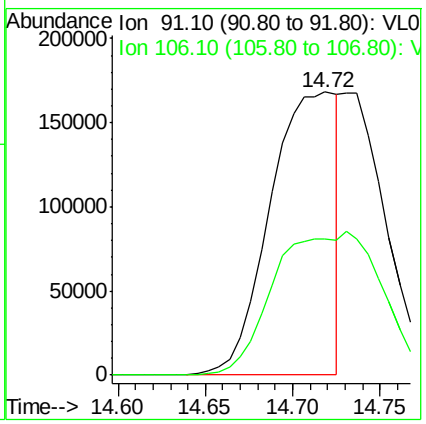


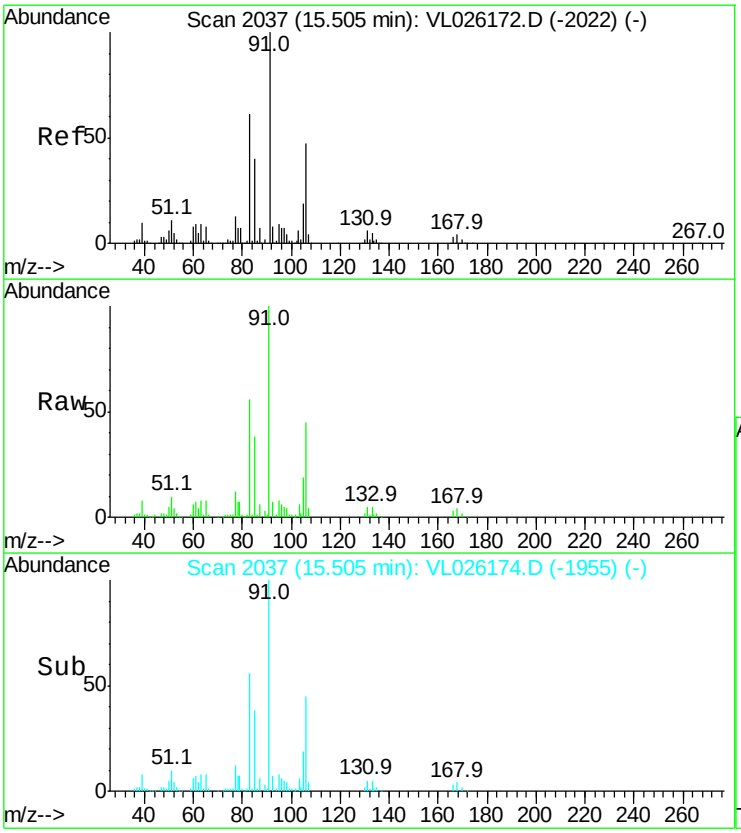
#59
m/p-Xylene
Concen: 1.17 ppbv
RT: 14.72 min Scan# 1908
Delta R.T. -0.01 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 448997

Ion	Ratio	Lower	Upper
91	100		
106	0.0	40.2	60.4#

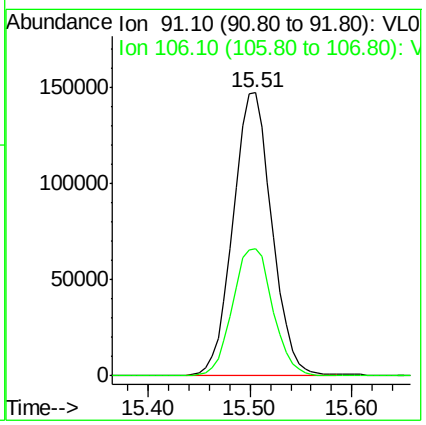


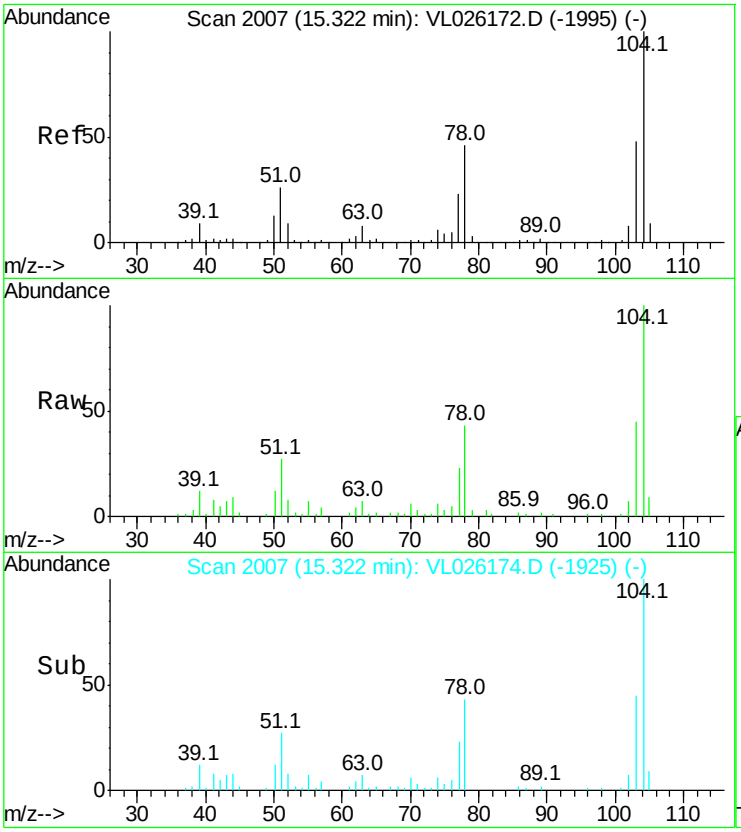


#60
o-Xylene
Concen: 0.98 ppbv
RT: 15.51 min Scan# 2037
Delta R.T. -0.00 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Tgt Ion: 91 Resp: 389940

Ion	Ratio	Lower	Upper
91	100		
106	46.6	23.4	70.3



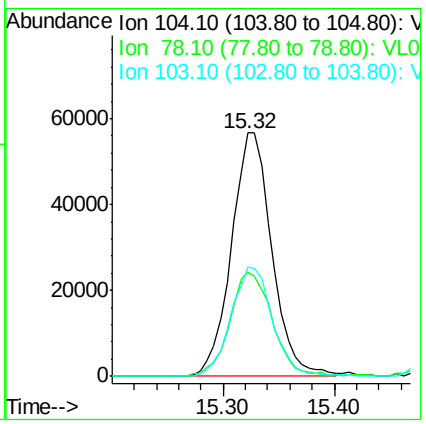


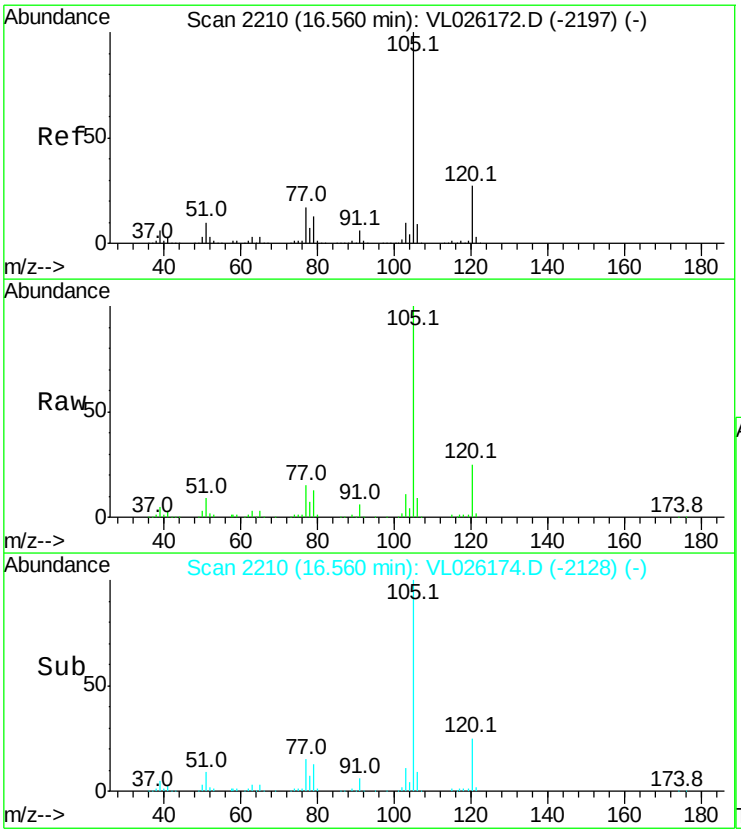
#61
Styrene
Concen: 0.84 ppbv
RT: 15.32 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:104 Resp: 142714

Ion	Ratio	Lower	Upper
104	100		
78	45.3	36.1	54.1
103	46.3	37.5	56.3

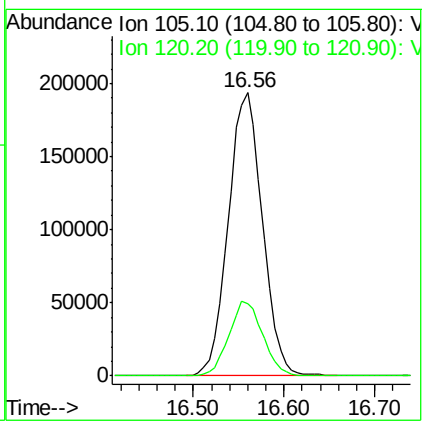


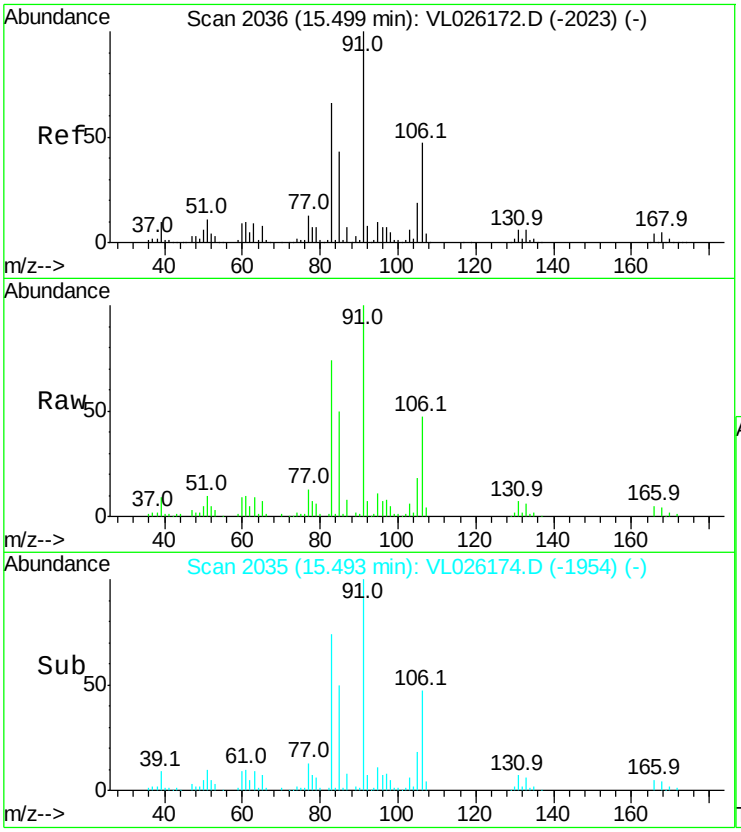


#62
Isopropylbenzene
Concen: 0.97 ppbv
RT: 16.56 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Tgt Ion:105 Resp: 505166

Ion	Ratio	Lower	Upper
105	100		
120	26.3	21.8	32.6



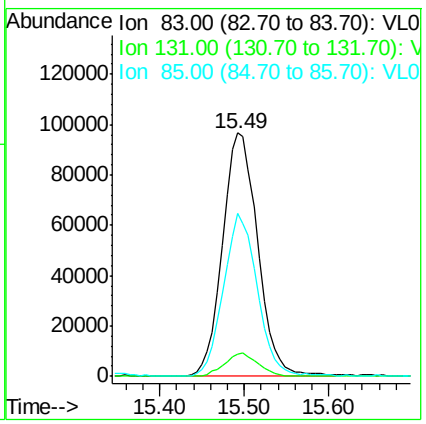


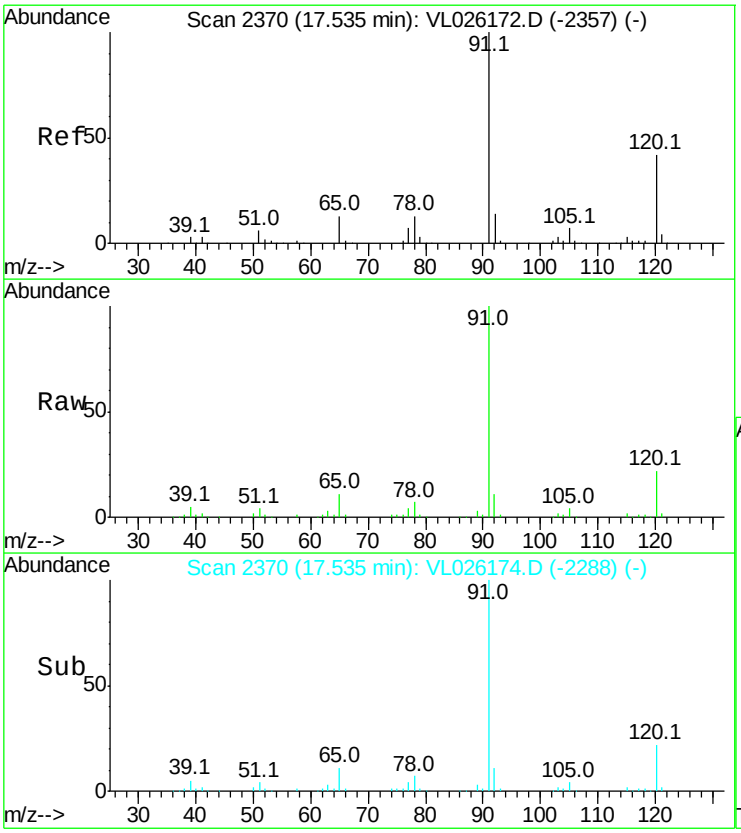
#63
1,1,2,2-Tetrachloroethane
Concen: 0.90 ppbv
RT: 15.49 min Scan# 2035
Delta R.T. -0.01 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 274879

Ion	Ratio	Lower	Upper
83	100		
131	8.9	4.5	13.7
85	64.8	32.6	97.7

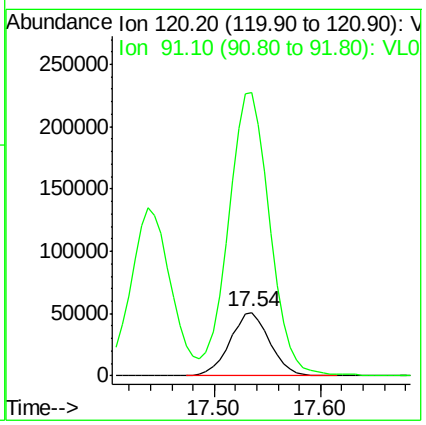


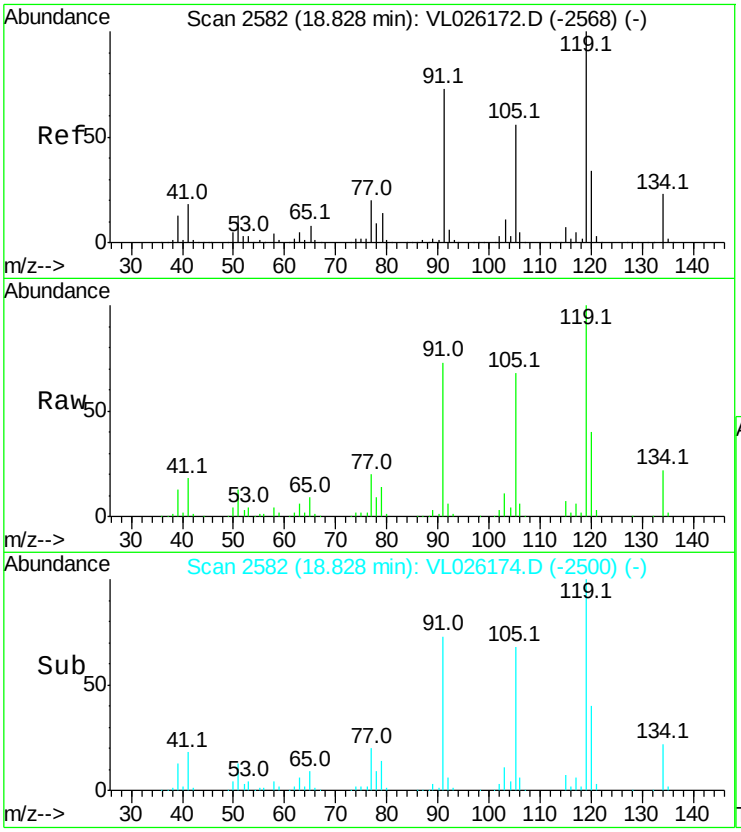


#64
n-propylbenzene
Concen: 0.96 ppbv
RT: 17.54 min Scan# 2370
Delta R.T. -0.00 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Tgt Ion:120 Resp: 133457

Ion	Ratio	Lower	Upper
120	100		
91	464.9	353.4	530.2



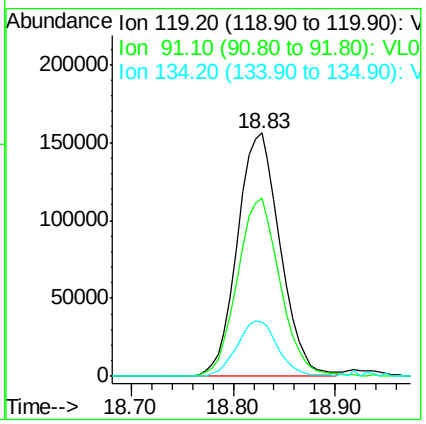


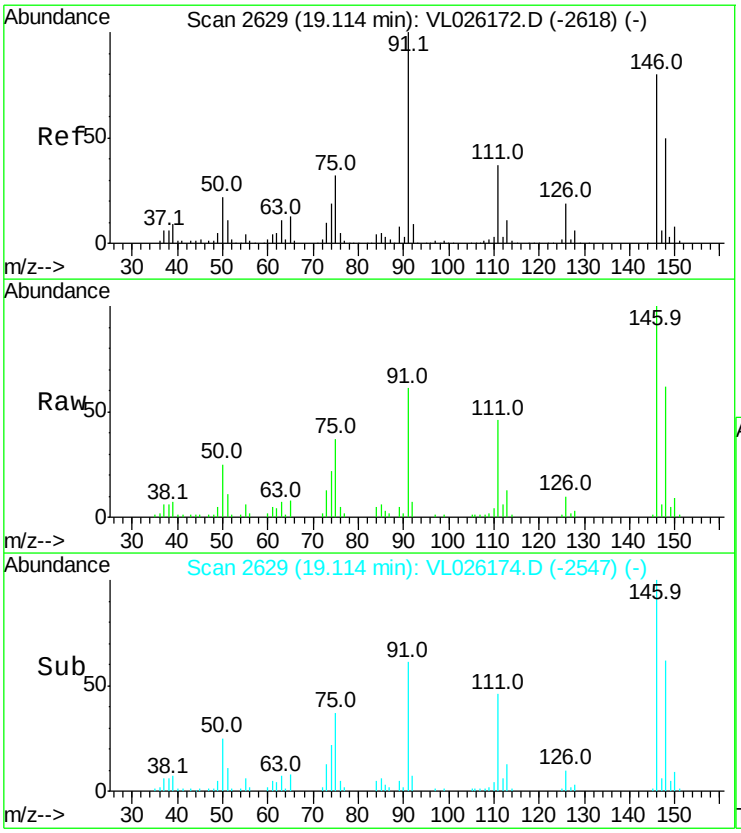
#65
tert-Butylbenzene
Concen: 1.00 ppbv
RT: 18.83 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion:119 Resp: 455874

Ion	Ratio	Lower	Upper
119	100		
91	73.2	58.5	87.7
134	22.7	18.0	27.0

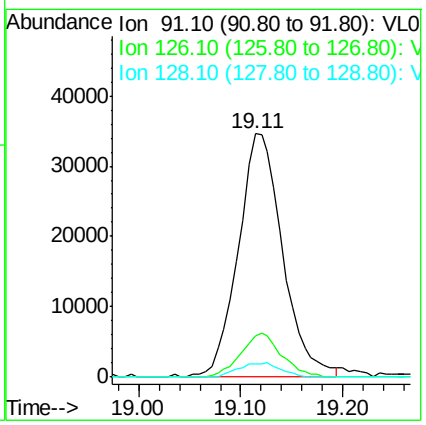


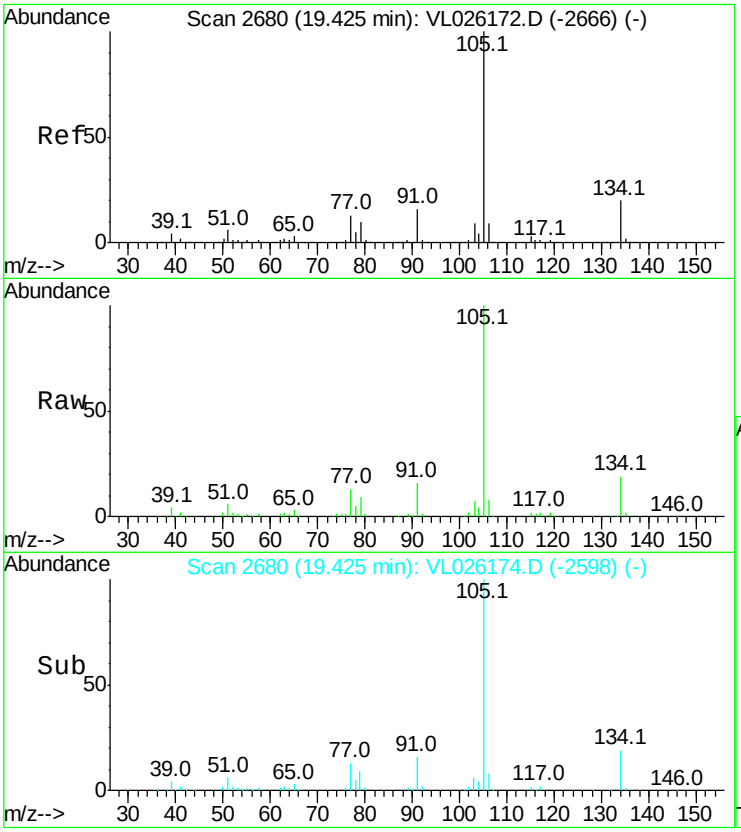


#66
Benzyl Chloride
Concen: 0.84 ppbv
RT: 19.11 min Scan# 2629
Delta R.T. -0.00 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Tgt Ion: 91 Resp: 104687

Ion	Ratio	Lower	Upper
91	100		
126	16.7	15.2	22.8
128	5.6	4.8	7.2



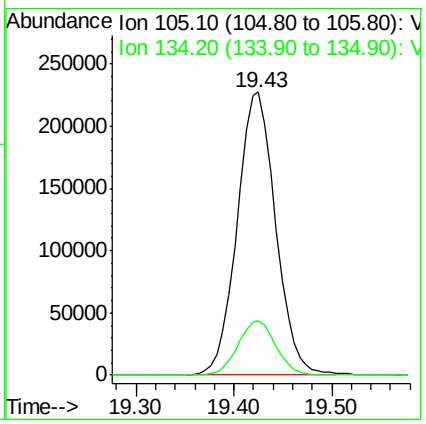


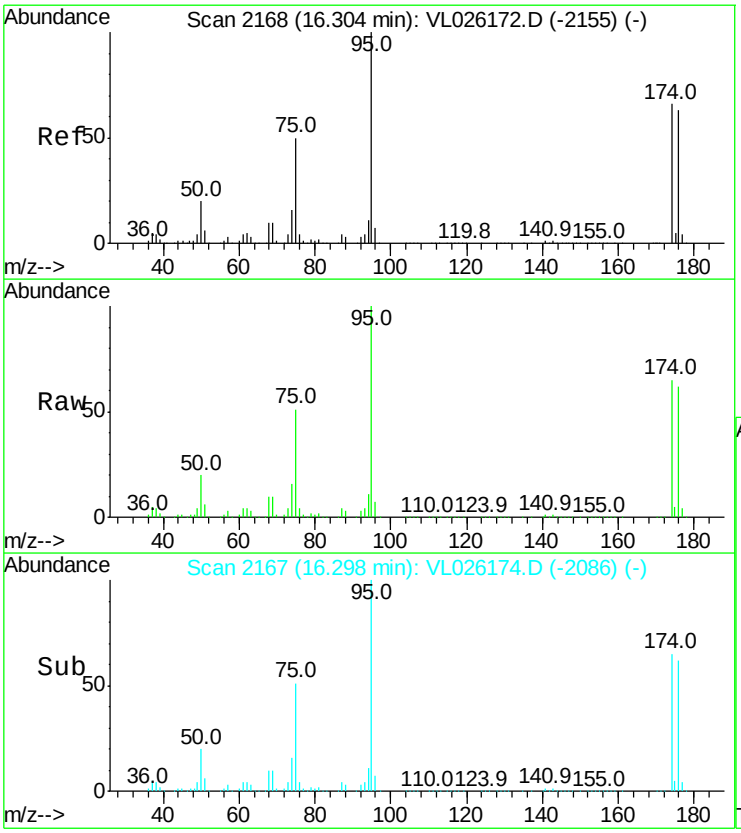
#67
sec-Butylbenzene
Concen: 0.96 ppbv
RT: 19.43 min Scan# 2680
Delta R.T. -0.00 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 620677

Ion	Ratio	Lower	Upper
105	100		
134	19.0	15.9	23.9

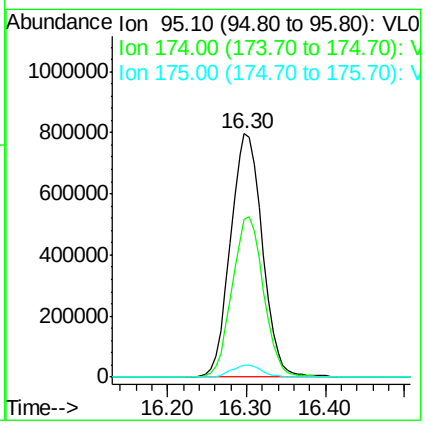


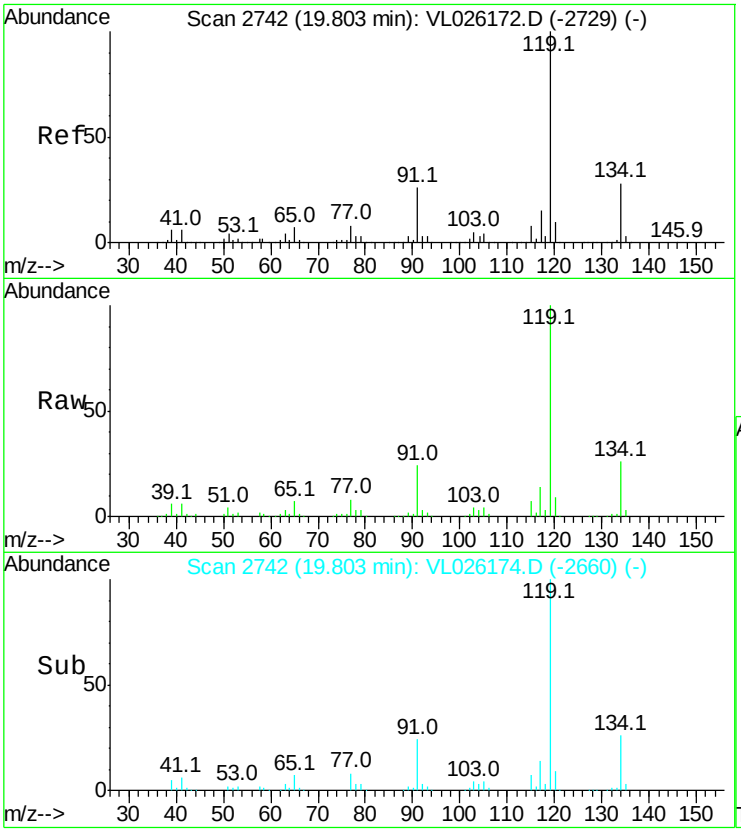


#68
1-Bromo-4-Fluorobenzene
Concen: 10.42 ppbv
RT: 16.30 min Scan# 2167
Delta R.T. -0.01 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Tgt Ion: 95 Resp: 2251995

Ion	Ratio	Lower	Upper
95	100		
174	65.2	52.2	78.4
175	4.9	3.9	5.9



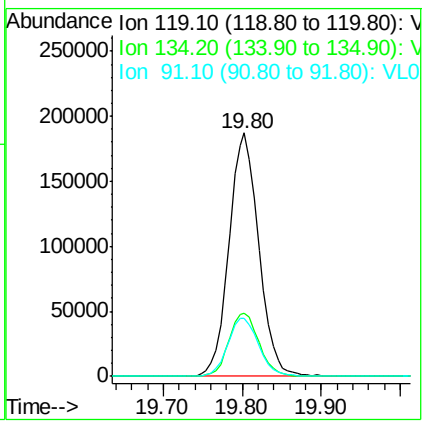


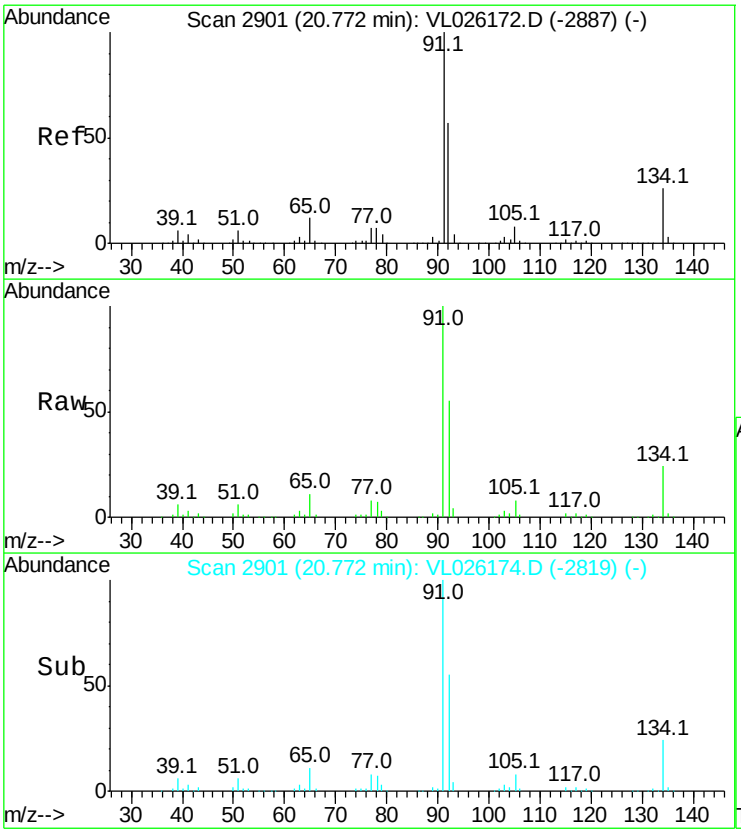
#69
p-Isopropyltoluene
Concen: 0.94 ppbv
RT: 19.80 min Scan# 2742
Delta R.T. -0.00 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion:119 Resp: 490555

Ion	Ratio	Lower	Upper
119	100		
134	26.3	21.4	32.0
91	25.0	19.9	29.9

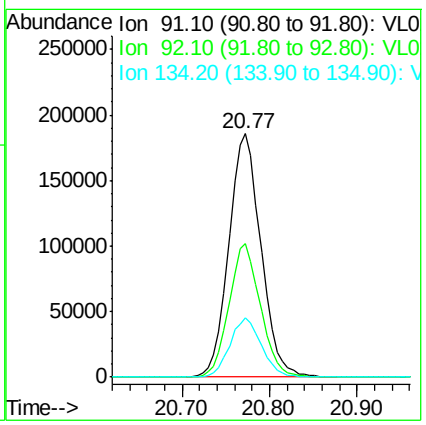


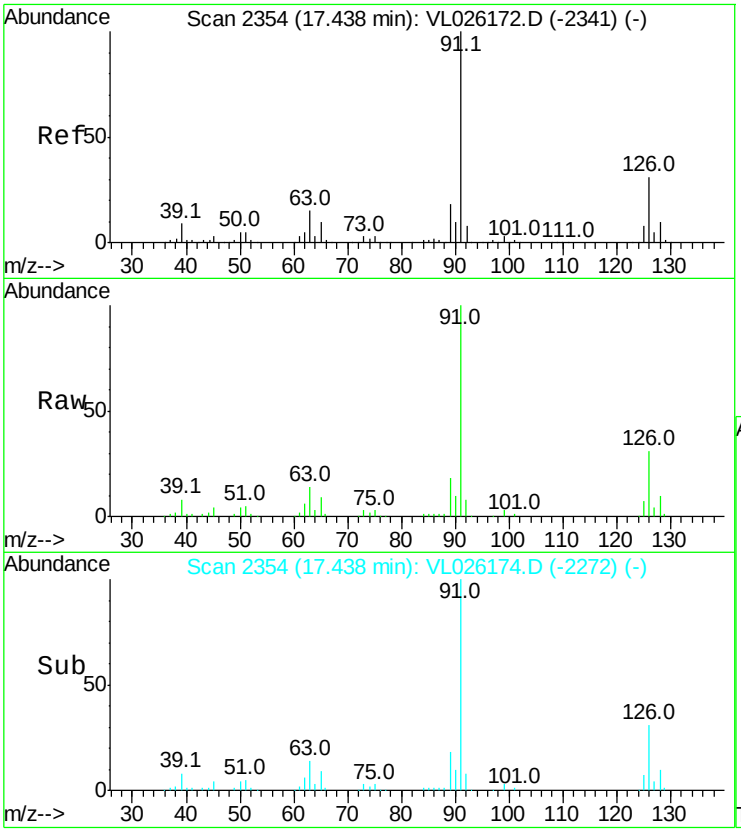


#70
n-Butylbenzene
Concen: 0.91 ppbv
RT: 20.77 min Scan# 2901
Delta R.T. -0.00 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Tgt Ion: 91 Resp: 474122

Ion	Ratio	Lower	Upper
91	100		
92	53.6	45.0	67.6
134	23.8	19.8	29.8



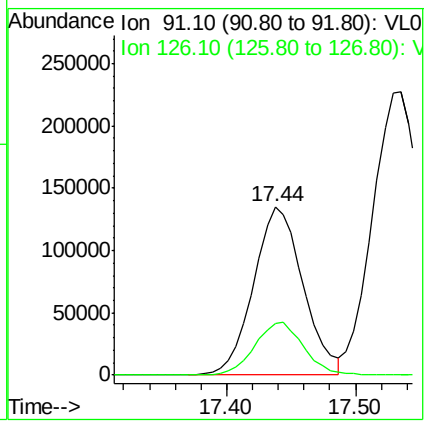


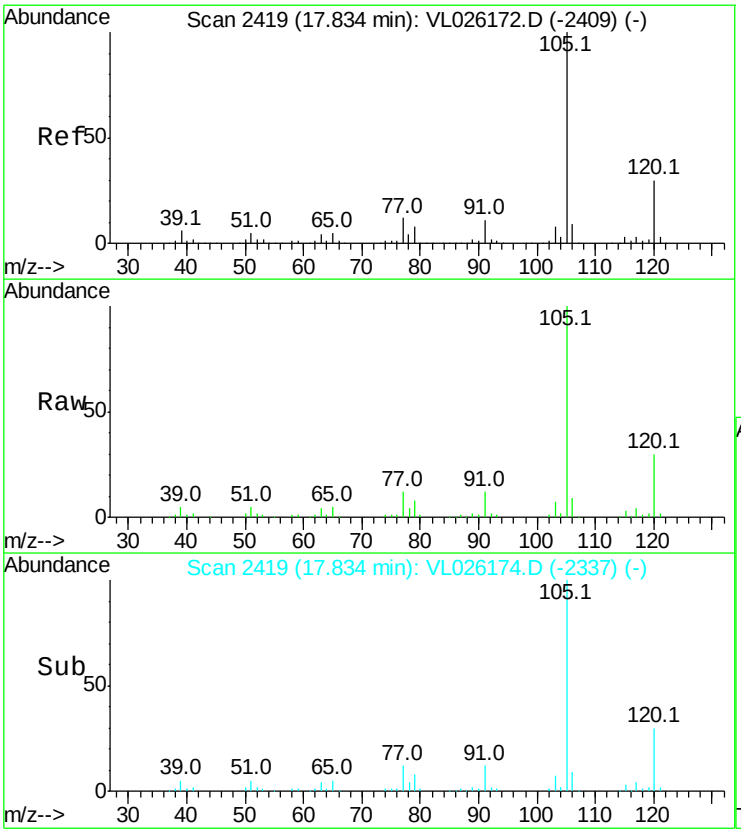
#71
2-Chlorotoluene
Concen: 0.91 ppbv
RT: 17.44 min Scan# 2354
Delta R.T. -0.00 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 91 Resp: 361071

Ion	Ratio	Lower	Upper
91	100		
126	31.1	12.8	51.2

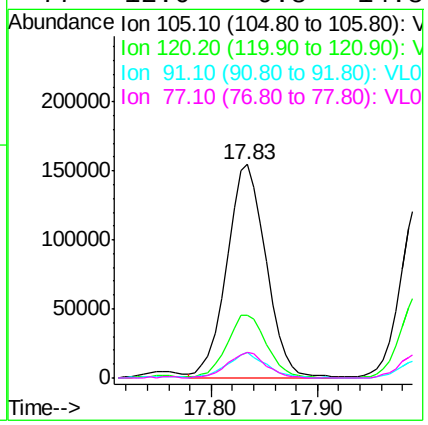


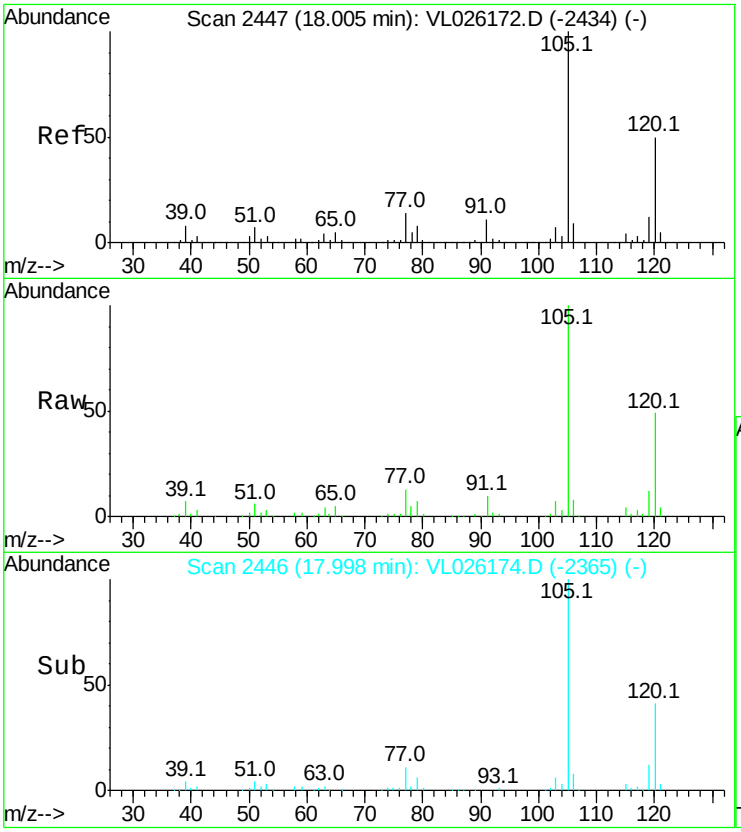


#72
4-Ethyltoluene
Concen: 0.92 ppbv
RT: 17.83 min Scan# 2419
Delta R.T. -0.00 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Tgt Ion:105 Resp: 397829

Ion	Ratio	Lower	Upper
105	100		
120	31.0	24.7	37.1
91	12.6	9.2	13.8
77	12.0	9.8	14.8



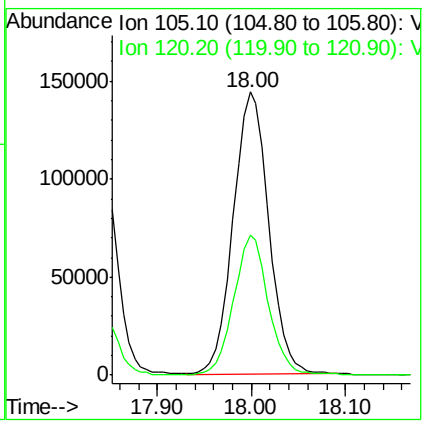


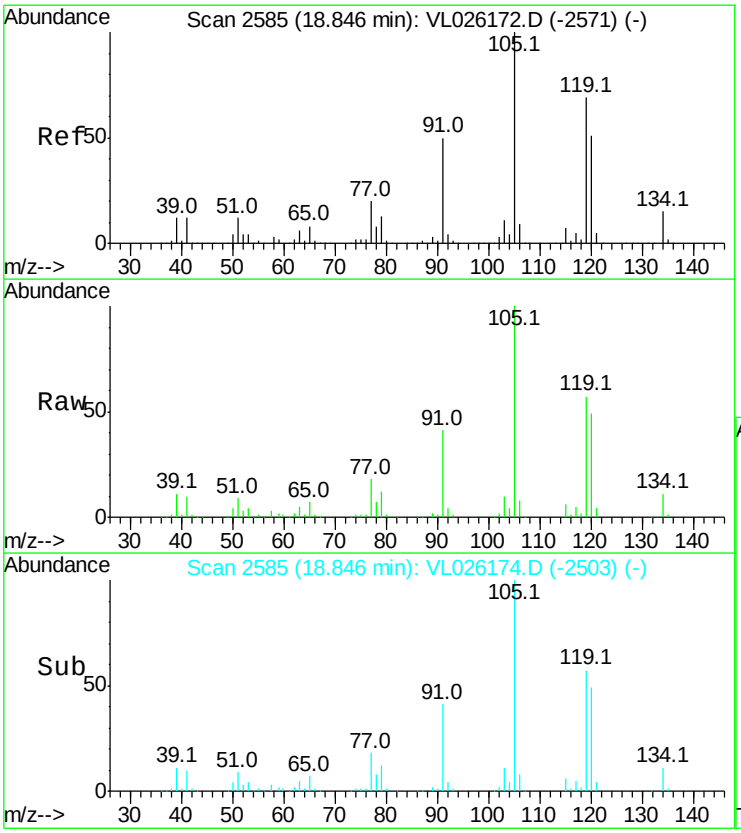
#73
1,3,5-Trimethylbenzene
Concen: 0.94 ppbv
RT: 18.00 min Scan# 2446
Delta R.T. -0.01 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 376968

Ion	Ratio	Lower	Upper
105	100		
120	49.4	40.1	60.1

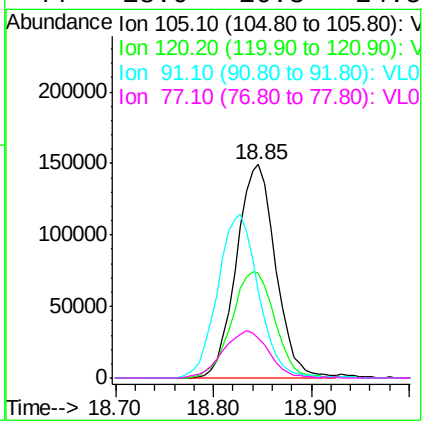


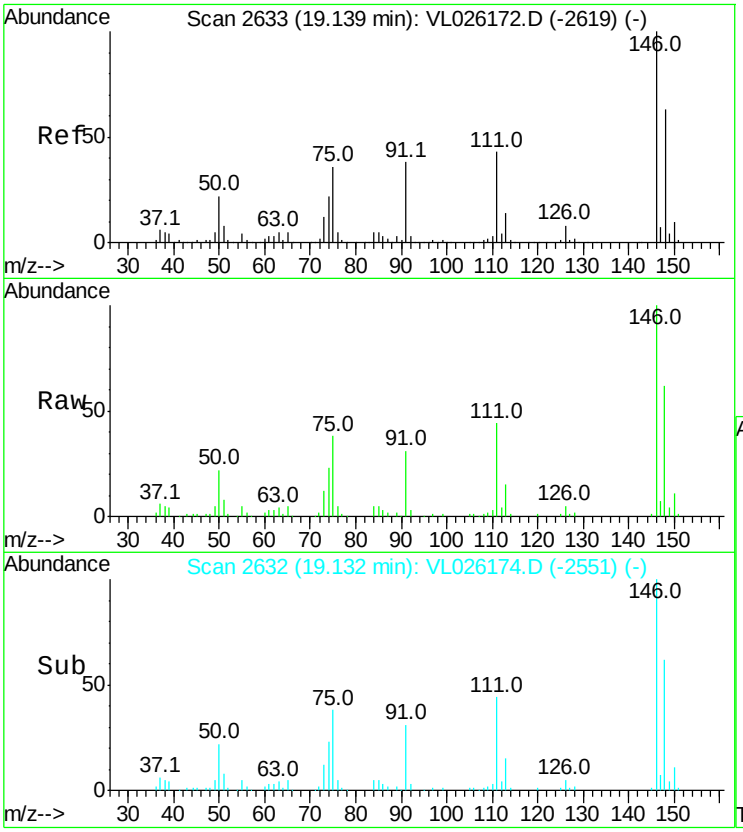


#74
1,2,4-Trimethylbenzene
Concen: 0.98 ppbv
RT: 18.85 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Tgt Ion:105 Resp: 415154

Ion	Ratio	Lower	Upper
105	100		
120	49.0	41.1	61.7
91	40.6	39.8	59.6
77	18.0	16.3	24.5



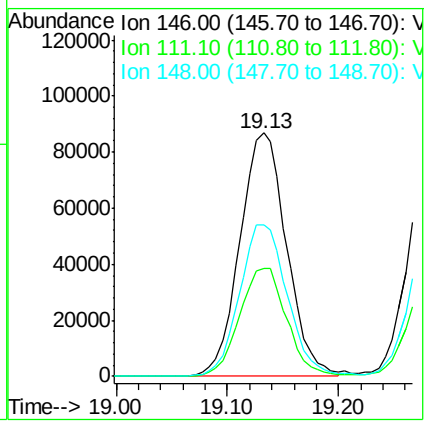


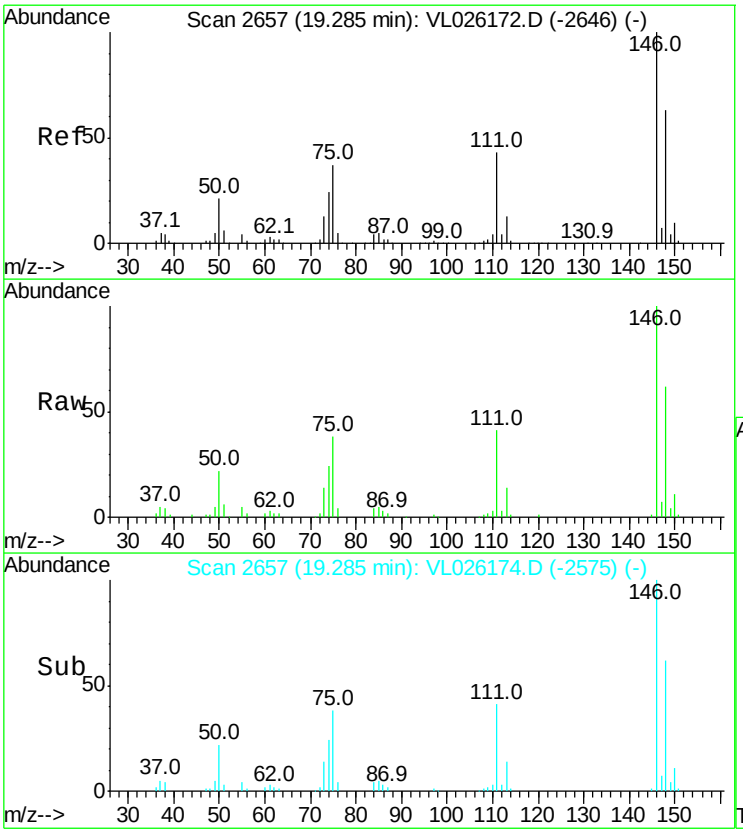
#75
1,3-Dichlorobenzene
Concen: 0.97 ppbv
RT: 19.13 min Scan# 2632
Delta R.T. -0.01 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion:146 Resp: 252982

Ion	Ratio	Lower	Upper
146	100		
111	44.9	22.1	66.3
148	64.0	31.9	95.5

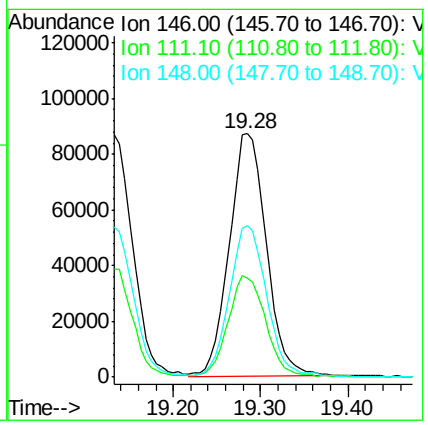


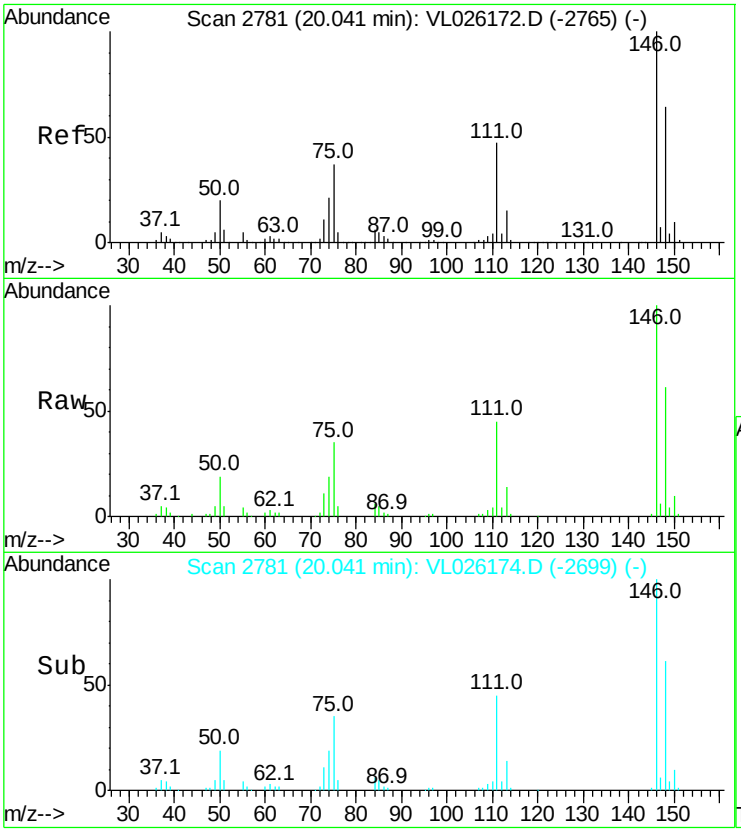


#76
1,4-Dichlorobenzene
Concen: 0.95 ppbv
RT: 19.28 min Scan# 2657
Delta R.T. -0.00 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Tgt Ion:146 Resp: 256149

Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.3	63.9
148	63.5	31.6	94.8



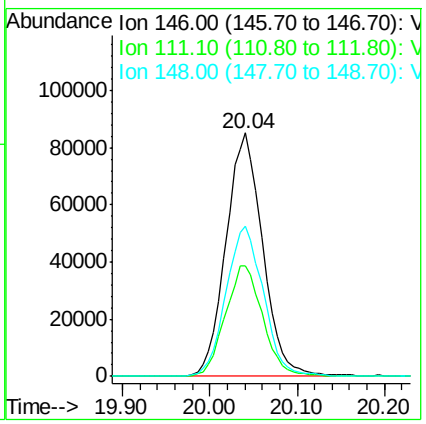


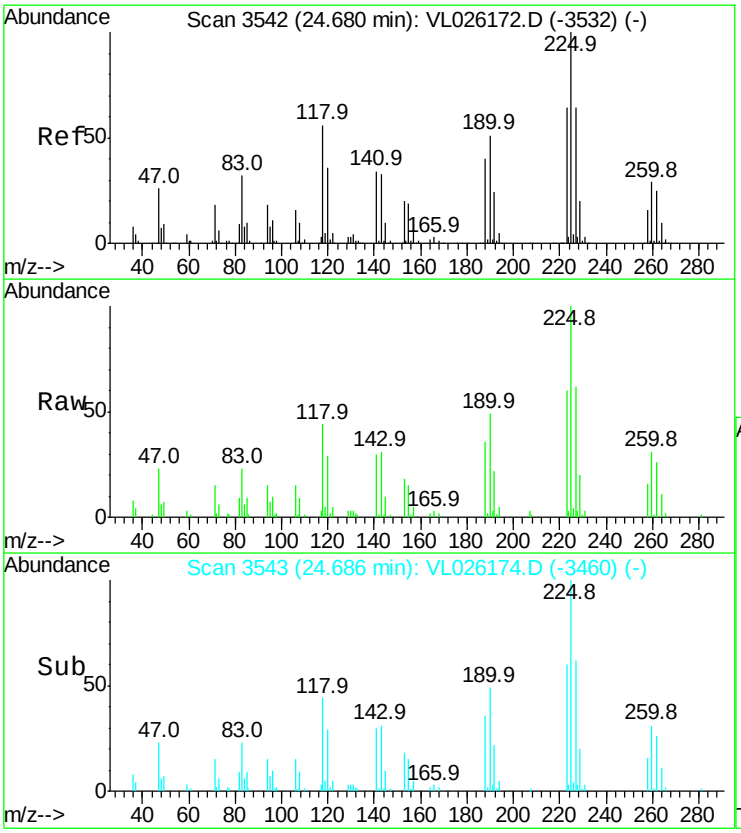
#77
1,2-Dichlorobenzene
Concen: 0.95 ppbv
RT: 20.04 min Scan# 2781
Delta R.T. -0.00 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion:146 Resp: 248477

Ion	Ratio	Lower	Upper
146	100		
111	46.1	23.0	69.0
148	63.0	31.8	95.3

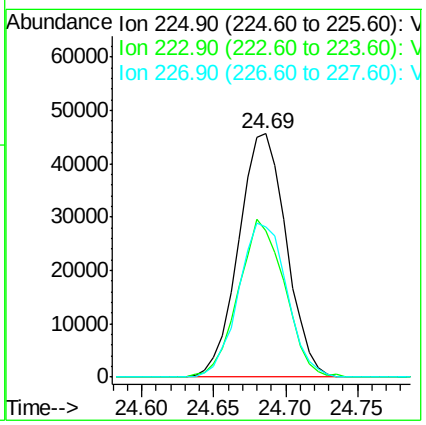


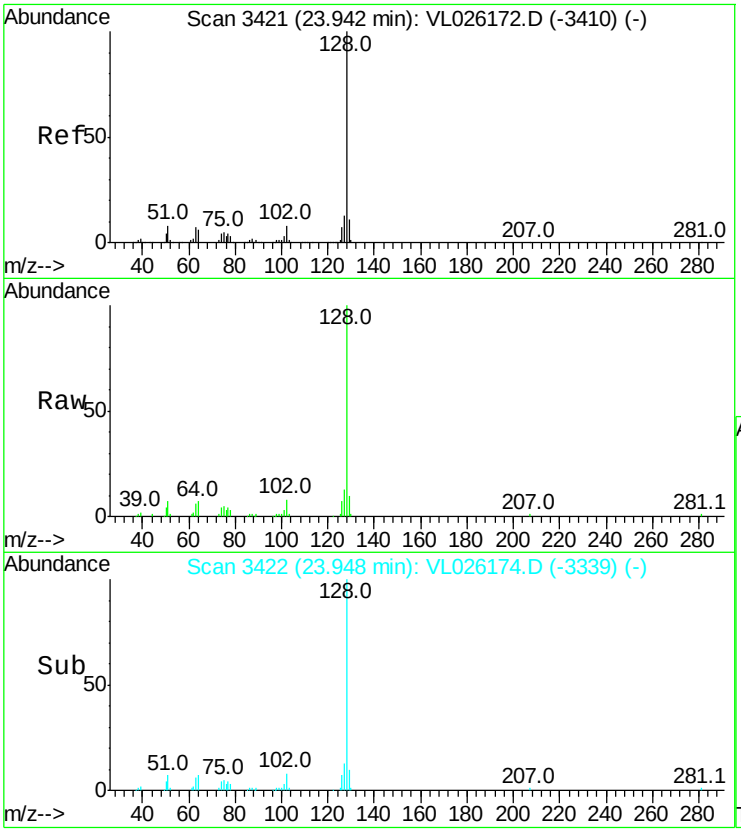


#78
Hexachloro-1,3-Butadiene
Concen: 1.00 ppbv
RT: 24.69 min Scan# 3543
Delta R.T. 0.01 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Tgt Ion:225 Resp: 104772

Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.1	76.7
227	64.0	50.8	76.2



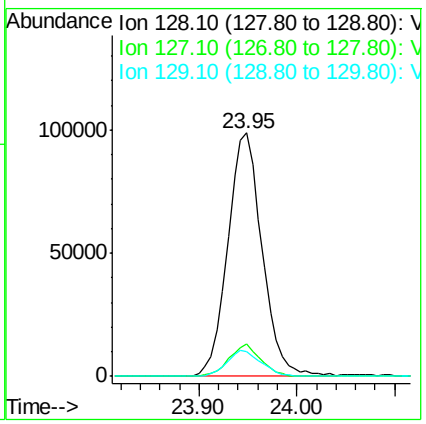


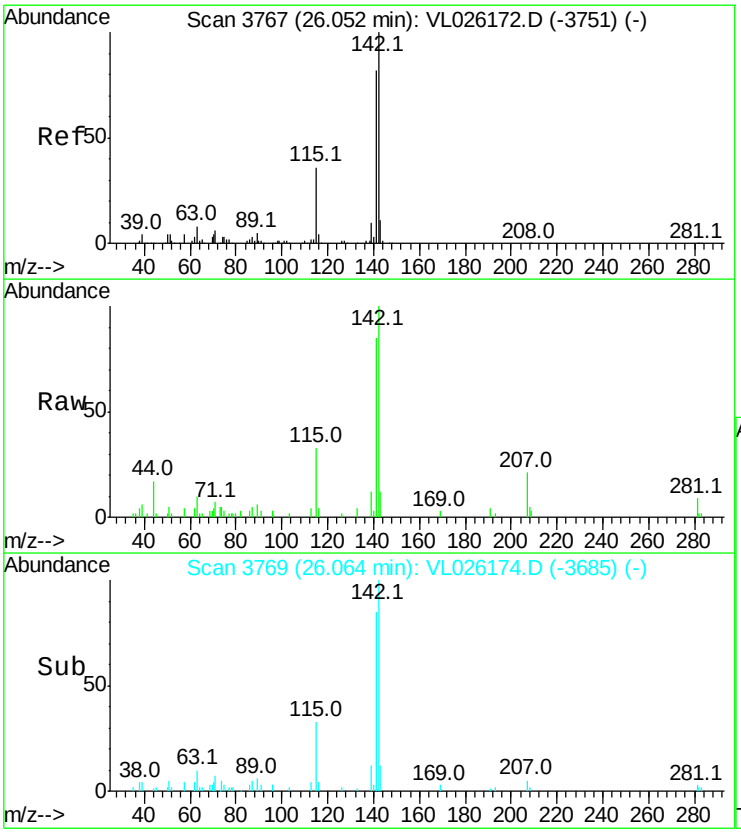
#79
Naphthalene
Concen: 0.73 ppbv
RT: 23.95 min Scan# 3422
Delta R.T. 0.01 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:128 Resp: 240698

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.2
129	10.0	8.7	13.1

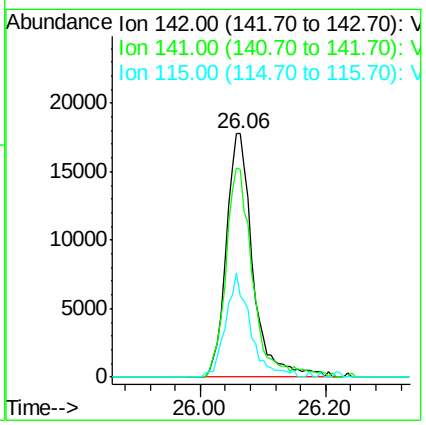


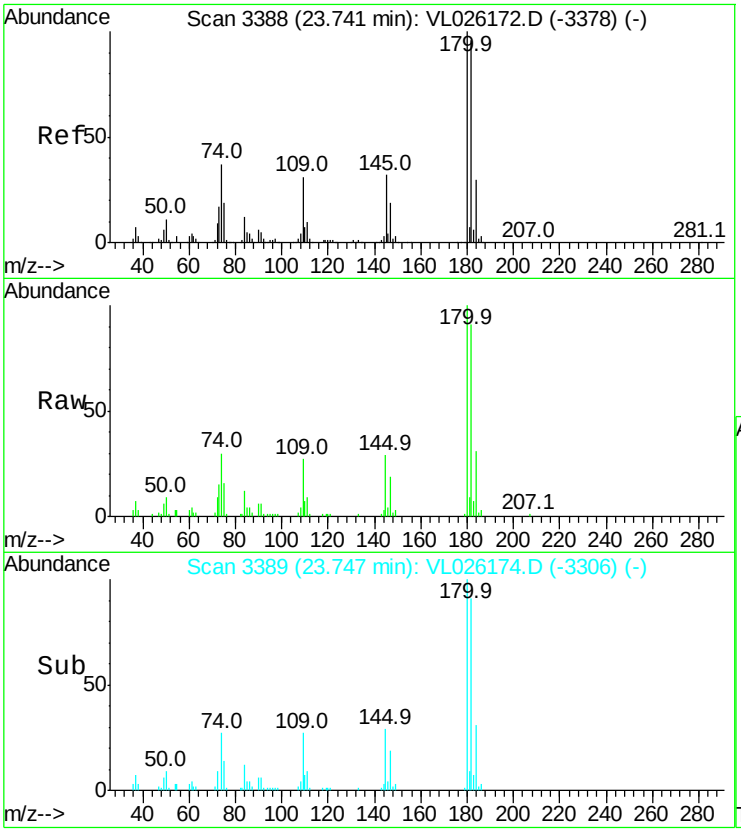


#80
Naphthalene,2-methyl-
Concen: 0.68 ppbv
RT: 26.06 min Scan# 3769
Delta R.T. 0.01 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Tgt Ion:142 Resp: 52062

Ion	Ratio	Lower	Upper
142	100		
141	87.3	66.6	99.8
115	39.8	28.4	42.6





#81
1,2,4-Trichlorobenzene
Concen: 0.77 ppbv
RT: 23.75 min Scan# 3389
Delta R.T. 0.01 min
Lab File: VL026174.D
Acq: 9 Oct 2015 12:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:180 Resp: 122201

Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.4	114.6
184	30.0	24.0	36.0