Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\Data\VL100915\
Data File : VL026173.D
Acq On : 9 Oct 2015 11:40
Operator : SY/MD
Sample : VSTDICC002
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Oct 09 14:21:05 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	6.67	49	934609	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	8.34	114	2537665	10.00	ppbv		0.00
55) Chlorobenzene-d5	13.76	117	3044533	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	16.30	95	2282136	10.15	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.65	85	380694	2.84	ppbv		99
3) Chlorodifluoromethane	3.58	51	234411	2.19	ppbv		98
4) Chloromethane	3.76	50	129580	2.04	ppbv		99
5) Vinyl Chloride	3.90	62	129185	1.91	ppbv		97
6) Bromomethane	4.15	94	91134	2.14	ppbv		97
7) Chloroethane	4.25	64	55104	2.09	ppbv		98
8) Dichlorotetrafluoroethane	3.81	85	322969	2.22	ppbv		99
9) Propene	3.61	41	105521	1.94	ppbv		99
10) Heptane	9.37	43	365169	1.93	ppbv		99
11) Trichlorofluoromethane	4.70	101	353604	2.30	ppbv		98
12) 1,1,2-Trichlorotrifluoroet	5.31	101	242570	2.29	ppbv		100
13) Ethanol	4.35	45	15716	2.38	ppbv		90
14) Bromoethene	4.46	108	99876	2.21	ppbv		99
15) Acetone	4.62	43	249750	2.15	ppbv	#	84
16) 1,3-Butadiene	3.98	39	116559	2.02	ppbv		96
17) tert-Butyl alcohol	5.16	59	119577	1.59	ppbv		98
18) 1,1-Dichloroethene	5.09	96	108476	2.19	ppbv		98
19) Isopropyl Alcohol	4.78	45	91373	1.88	ppbv	#	1
20) Methylene Chloride	5.16	84	105923	2.15	ppbv		97
21) Allyl Chloride	5.24	41	161610	2.02	ppbv		88
22) trans-1,2-Dichloroethene	5.78	96	138287	2.07	ppbv		99
23) Vinyl Acetate	5.99	43	448594	2.04	ppbv		99
24) 1,1-Dichloroethane	5.92	63	300665	2.03	ppbv		99
25) Ethyl Acetate	6.69	43	491285	1.99	ppbv		100
26) Hexane	6.67	57	237642	2.01	ppbv		99
27) Carbon Disulfide	5.40	76	282175	2.23	ppbv		100
28) Methyl tert-Butyl Ether	5.97	73	381505	2.12	ppbv		99
29) Chloroform	6.76	83	339454	2.07	ppbv		100
30) Cyclohexane	8.29	84	226052	2.00	ppbv		90
31) cis-1,2-Dichloroethene	6.53	61	211249	1.96	ppbv		97
32) 1,1,1-Trichloroethane	7.60	97	332328	2.02	ppbv		99
34) 2-Butanone	6.22	43	294034	1.81	ppbv		99
35) Carbon Tetrachloride	8.17	117	339784	2.00	ppbv		99
36) Benzene	8.03	78	515317	1.92	ppbv		99
37) 1,2-Dichloroethane	7.38	62	267559	2.00	ppbv		100
38) Trichloroethene	9.07	130	217614	1.86	ppbv		98
39) 1,2-Dichloropropane	8.84	63	188053	1.87	ppbv		97
40) 1,4-Dioxane	9.16	88	34573	2.34	ppbv	#	1
41) Tetrahydrofuran	7.15	42	165992	1.74	ppbv		100
42) Bromodichloromethane	9.04	83	364274	2.06	ppbv		99
43) Methyl Methacrylate	9.28	69	180538	1.89	ppbv		99

Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\Data\VL100915\
Data File : VL026173.D
Acq On : 9 Oct 2015 11:40
Operator : SY/MD
Sample : VSTDICC002
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Oct 09 14:21:05 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	889722	1.96	ppbv		99
45) t-1,3-Dichloropropene	10.66	75	248120	1.99	ppbv		97
46) cis-1,3-Dichloropropene	10.03	75	308006	1.99	ppbv		98
47) 1,1,2-Trichloroethane	10.89	97	227245	1.99	ppbv		99
48) Dibromochloromethane	11.81	129	329959	2.13	ppbv		100
49) Bromoform	14.83	173	247386	2.16	ppbv		99
50) 4-Methyl-2-Pentanone	10.11	43	400093	1.83	ppbv		99
51) 2-Hexanone	11.65	43	363103	1.82	ppbv	#	99
52) Tetrachloroethene	12.80	164	228310	1.87	ppbv		94
53) Toluene	11.25	91	677087	2.00	ppbv		99
54) 1,2-Dibromoethane	12.15	107	342876	2.01	ppbv		98
56) 1,1,1,2-Tetrachloroethane	13.80	131	258957	2.05	ppbv	#	1
57) Chlorobenzene	13.83	112	583801	1.94	ppbv		97
58) Ethyl Benzene	14.43	91	957180	1.89	ppbv		97
59) m/p-Xylene	14.72	91	834460	2.10	ppbv	#	41
60) o-Xylene	15.50	91	805056	1.95	ppbv		99
61) Styrene	15.32	104	327368	1.85	ppbv		99
62) Isopropylbenzene	16.56	105	1048271	1.93	ppbv		98
63) 1,1,2,2-Tetrachloroethane	15.49	83	550765	1.74	ppbv		99
64) n-propylbenzene	17.53	120	282390	1.95	ppbv		95
65) tert-Butylbenzene	18.82	119	944505	1.99	ppbv		99
66) Benzyl Chloride	19.11	91	262388	2.03	ppbv		97
67) sec-Butylbenzene	19.42	105	1322404	1.97	ppbv		99
69) p-Isopropyltoluene	19.80	119	1068314	1.97	ppbv		99
70) n-Butylbenzene	20.77	91	1018573	1.88	ppbv		99
71) 2-Chlorotoluene	17.44	91	780227	1.89	ppbv		99
72) 4-Ethyltoluene	17.83	105	868132	1.93	ppbv		99
73) 1,3,5-Trimethylbenzene	18.00	105	807703	1.93	ppbv		99
74) 1,2,4-Trimethylbenzene	18.84	105	850704	1.94	ppbv		99
75) 1,3-Dichlorobenzene	19.13	146	536680	1.97	ppbv		99
76) 1,4-Dichlorobenzene	19.28	146	534204	1.91	ppbv		99
77) 1,2-Dichlorobenzene	20.04	146	517782	1.90	ppbv		100
78) Hexachloro-1,3-Butadiene	24.68	225	207228	1.90	ppbv		99
79) Naphthalene	23.94	128	521753	1.53	ppbv		99
80) Naphthalene,2-methyl-	26.06	142	126237	1.58	ppbv		98
81) 1,2,4-Trichlorobenzene	23.75	180	256470	1.56	ppbv		99

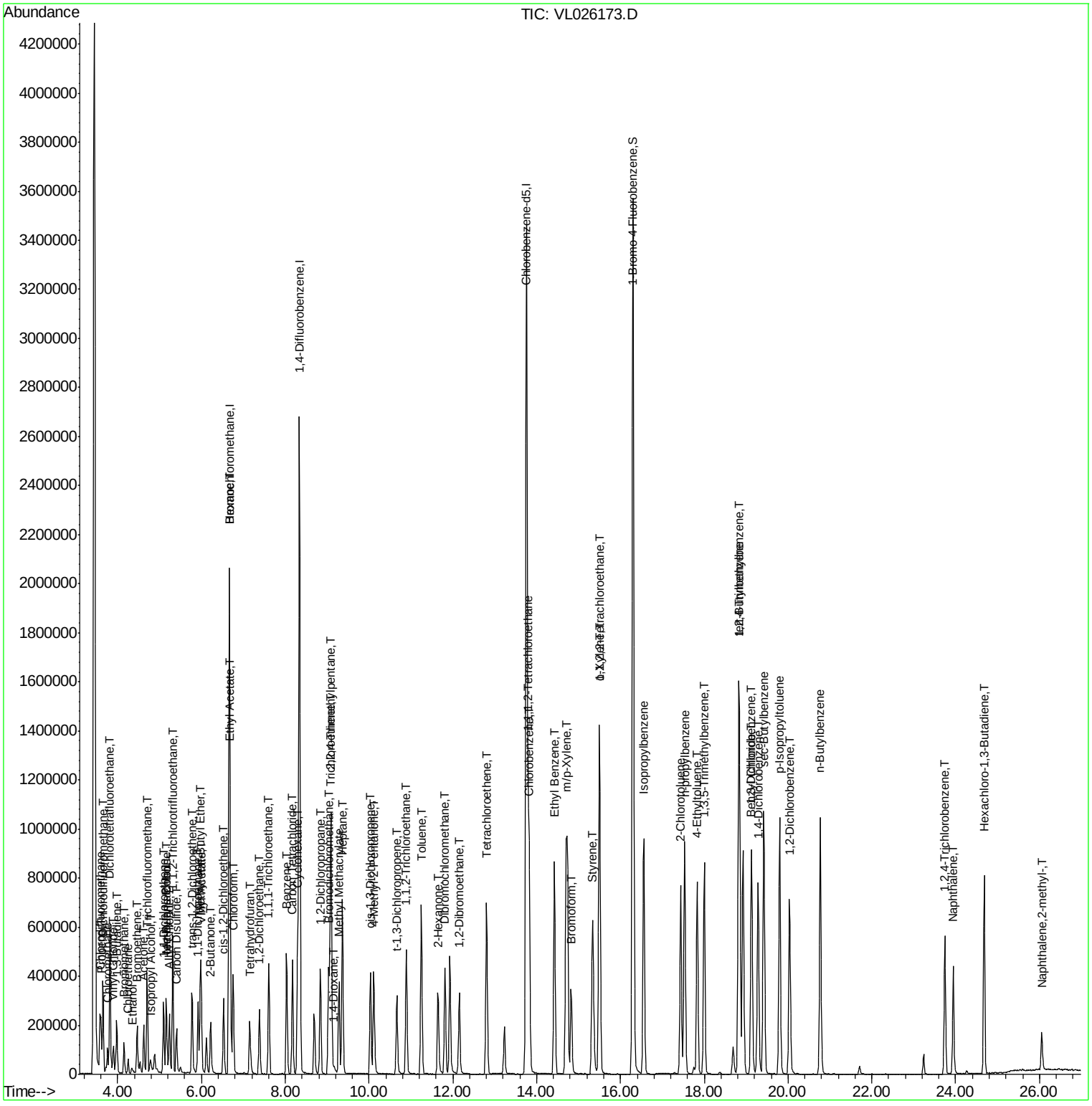
(#) = qualifier out of range (m) = manual integration (+) = signals summed

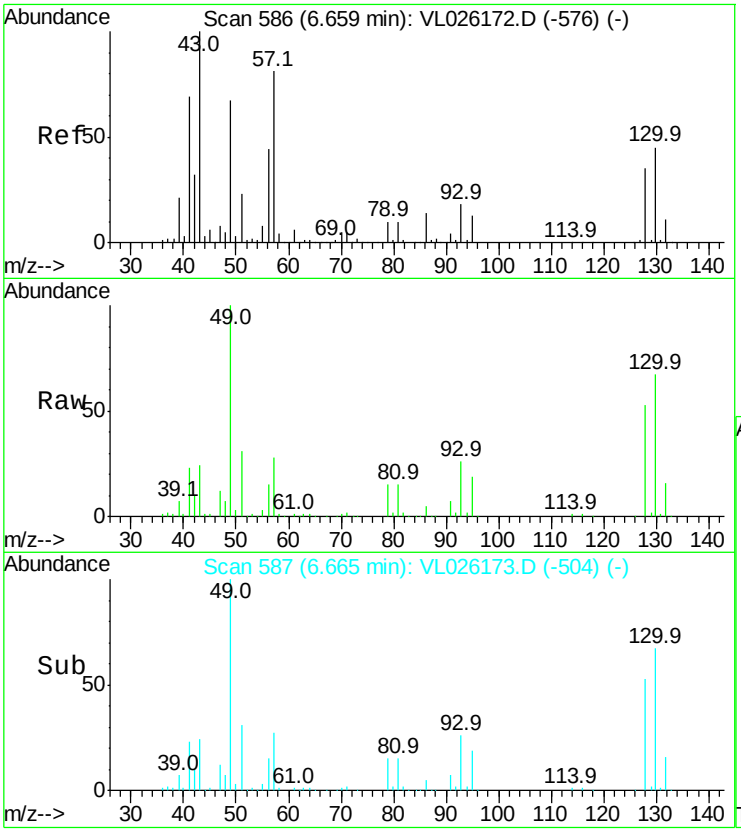
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\Data\VL100915\
Data File : VL026173.D
Acq On : 9 Oct 2015 11:40
Operator : SY/MD
Sample : VSTDICC002
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Oct 09 14:21:05 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



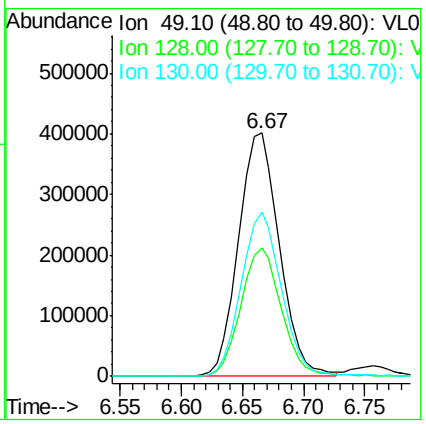


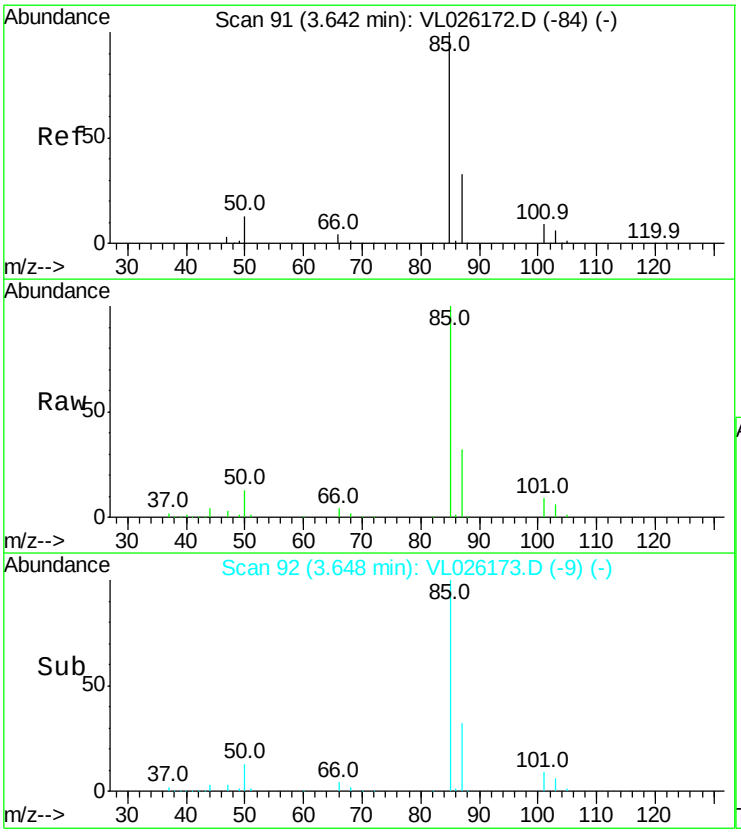
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 6.67 min Scan# 587
Delta R.T. 0.01 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 49 Resp: 934609

Ion	Ratio	Lower	Upper
49	100		
128	52.7	26.3	78.8
130	67.7	34.2	102.5

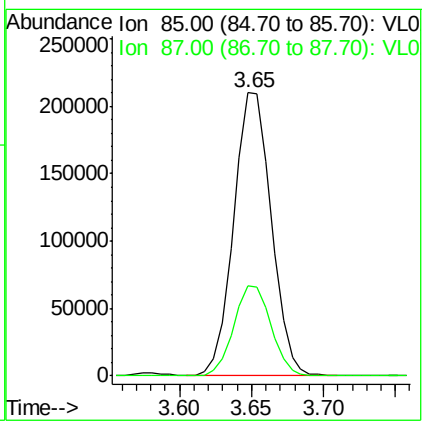


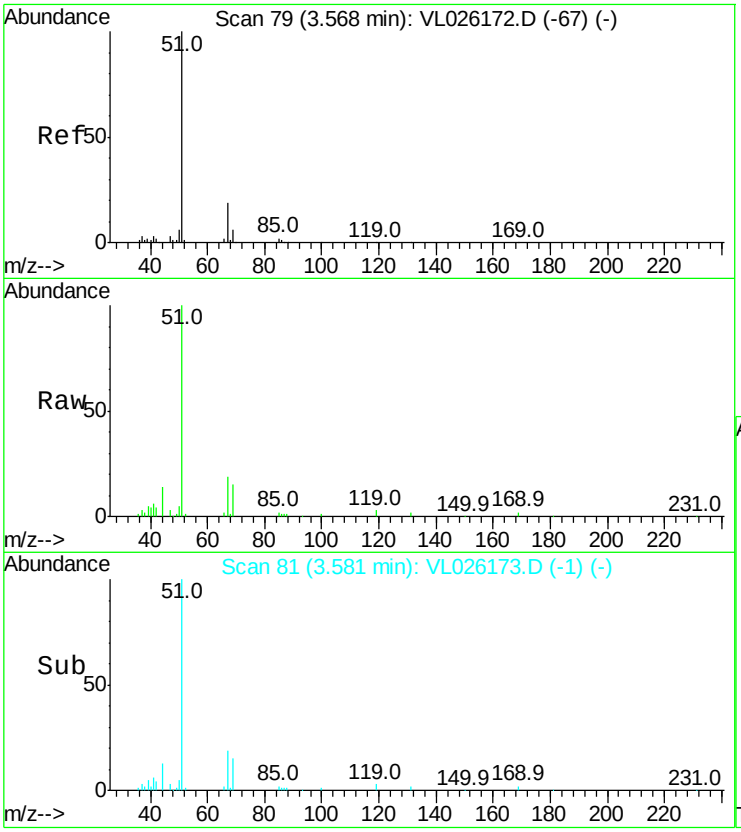


#2
Dichlorodifluoromethane
Concen: 2.84 ppbv
RT: 3.65 min Scan# 92
Delta R.T. 0.01 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Tgt Ion: 85 Resp: 380694

Ion	Ratio	Lower	Upper
85	100		
87	32.1	26.2	39.4



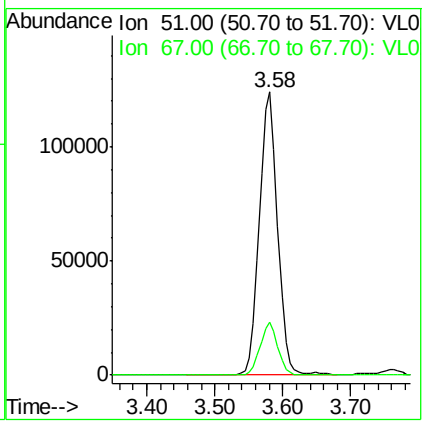


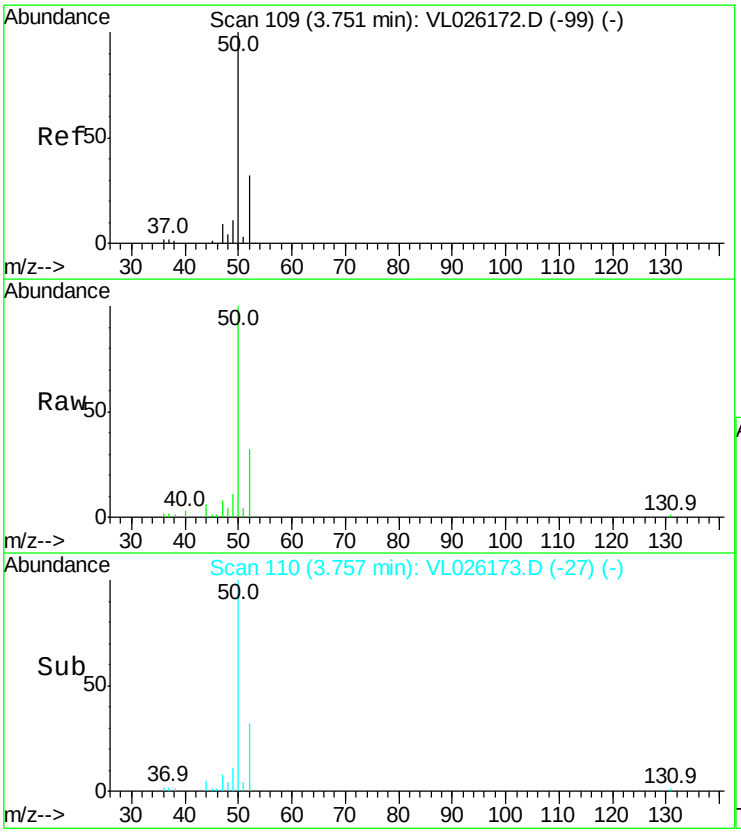
#3
Chlorodifluoromethane
Concen: 2.19 ppbv
RT: 3.58 min Scan# 81
Delta R.T. 0.01 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 51 Resp: 234411

Ion	Ratio	Lower	Upper
51	100		
67	17.9	14.9	22.3

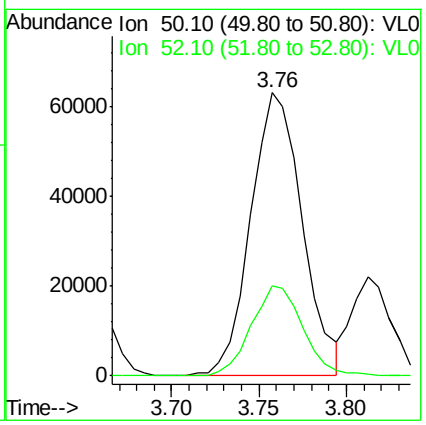


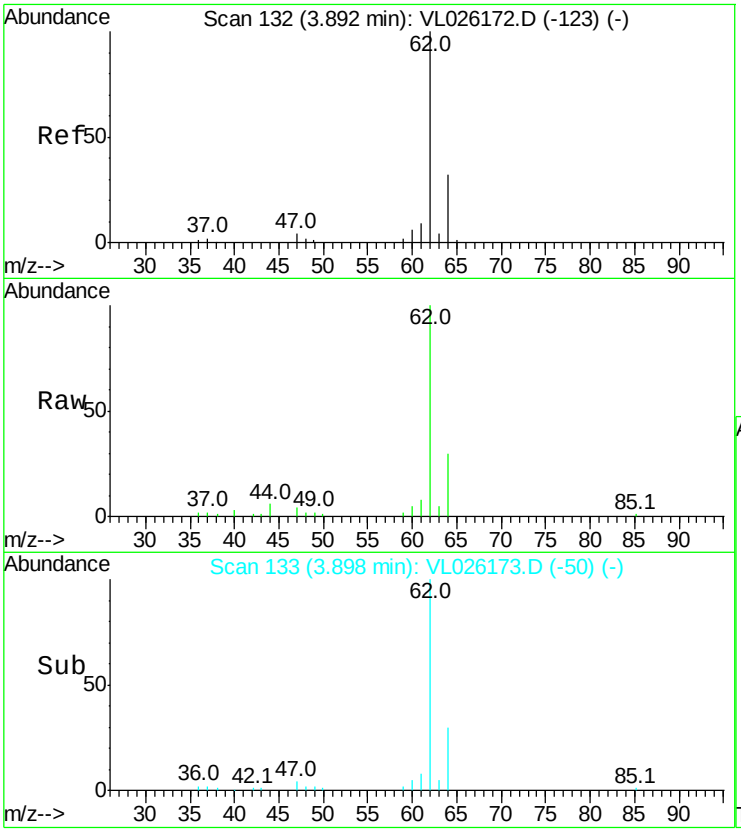


#4
Chloromethane
Concen: 2.04 ppbv
RT: 3.76 min Scan# 110
Delta R.T. 0.01 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Tgt Ion: 50 Resp: 129580

Ion	Ratio	Lower	Upper
50	100		
52	31.8	25.9	38.9



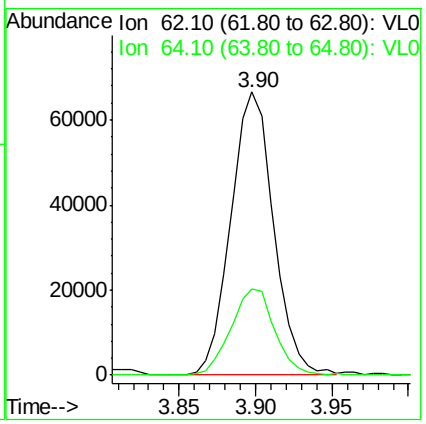


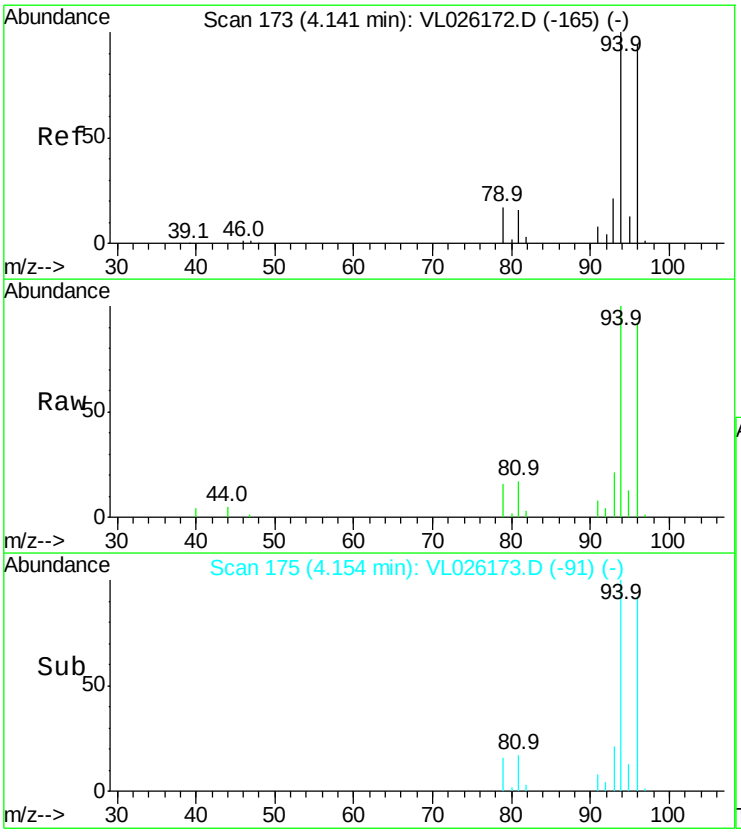
#5
Vinyl Chloride
Concen: 1.91 ppbv
RT: 3.90 min Scan# 133
Delta R.T. 0.01 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 62 Resp: 129185

Ion	Ratio	Lower	Upper
62	100		
64	30.4	25.6	38.4

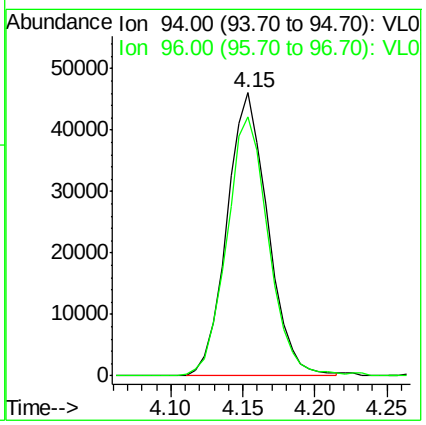


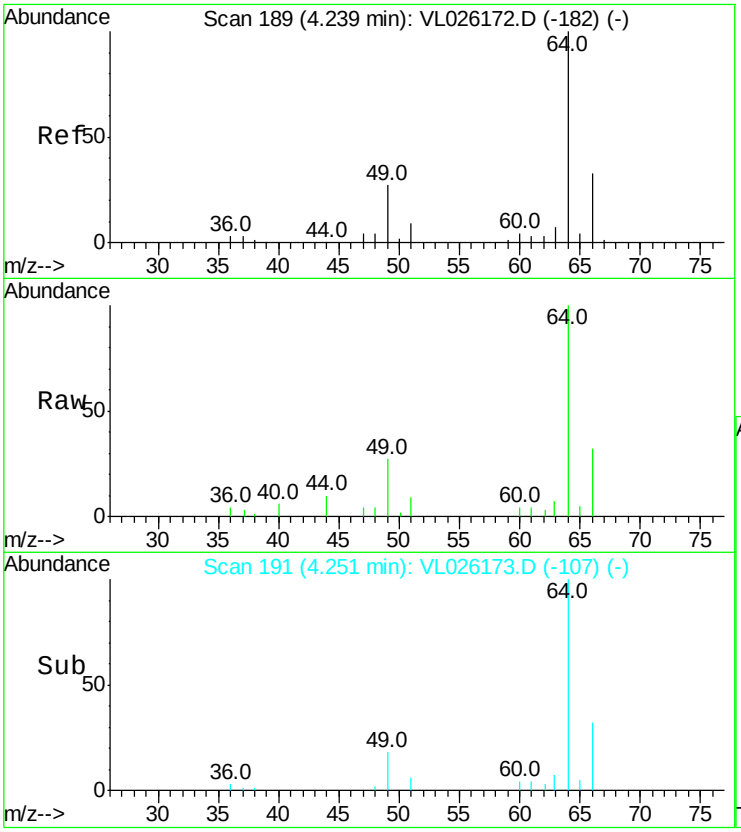


#6
Bromomethane
Concen: 2.14 ppbv
RT: 4.15 min Scan# 175
Delta R.T. 0.01 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Tgt Ion: 94 Resp: 91134

Ion	Ratio	Lower	Upper
94	100		
96	91.0	75.4	113.2



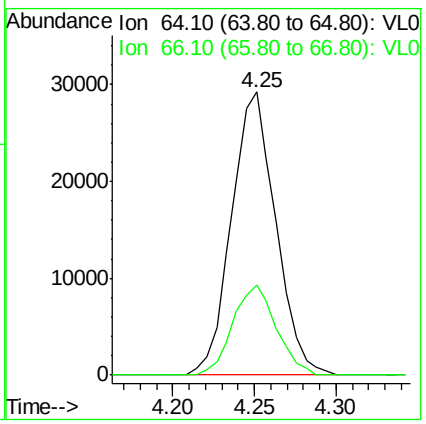


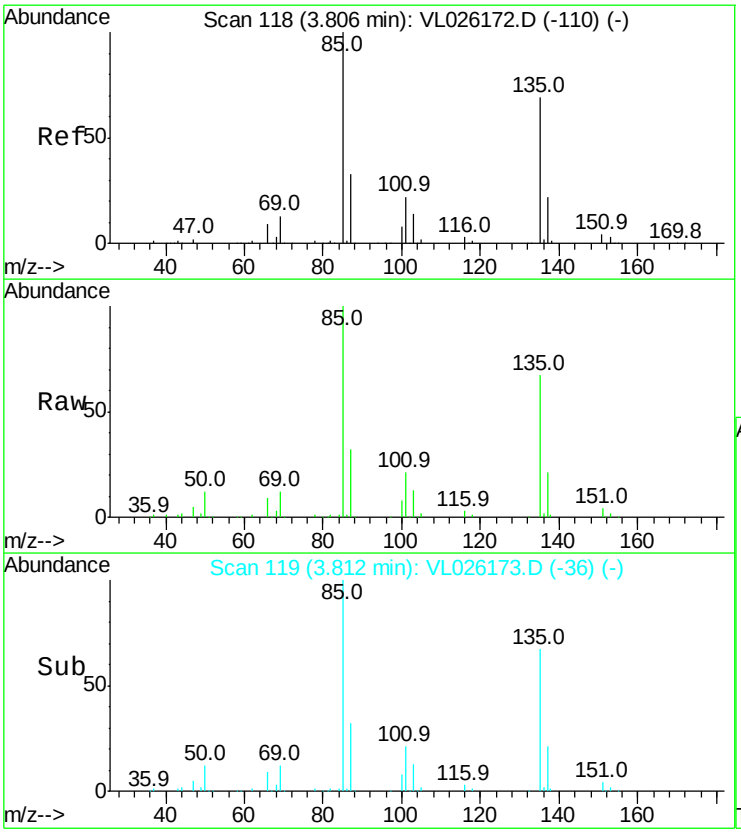
#7
Chloroethane
Concen: 2.09 ppbv
RT: 4.25 min Scan# 191
Delta R.T. 0.01 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 64 Resp: 55104

Ion	Ratio	Lower	Upper
64	100		
66	31.8	26.5	39.7

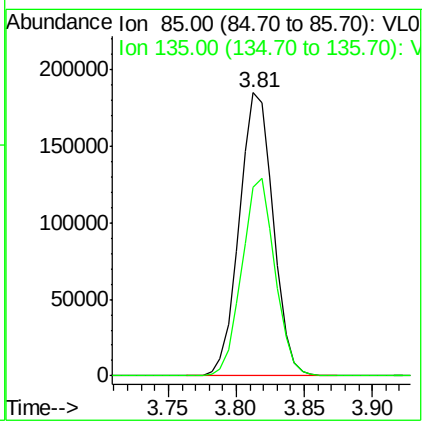


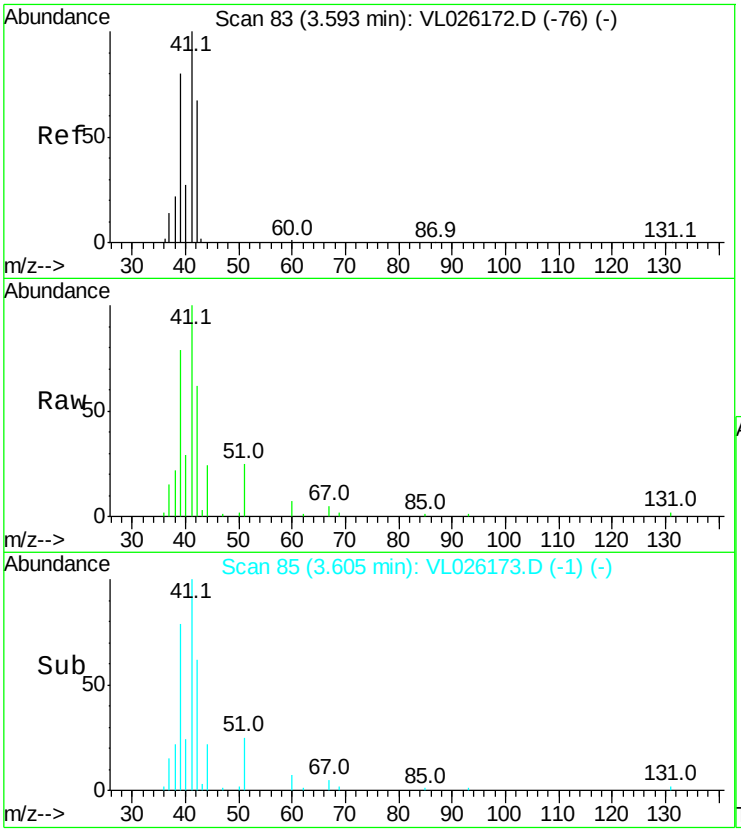


#8
Dichlorotetrafluoroethane
Concen: 2.22 ppbv
RT: 3.81 min Scan# 119
Delta R.T. 0.01 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Tgt Ion: 85 Resp: 322969

Ion	Ratio	Lower	Upper
85	100		
135	68.1	55.3	82.9

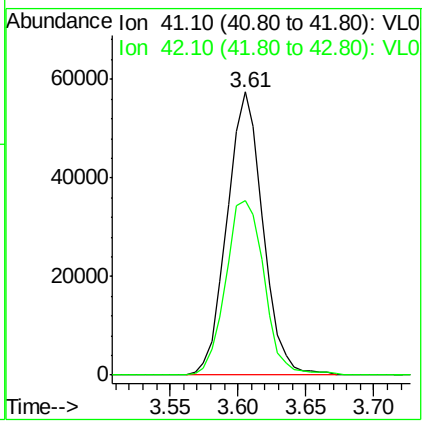




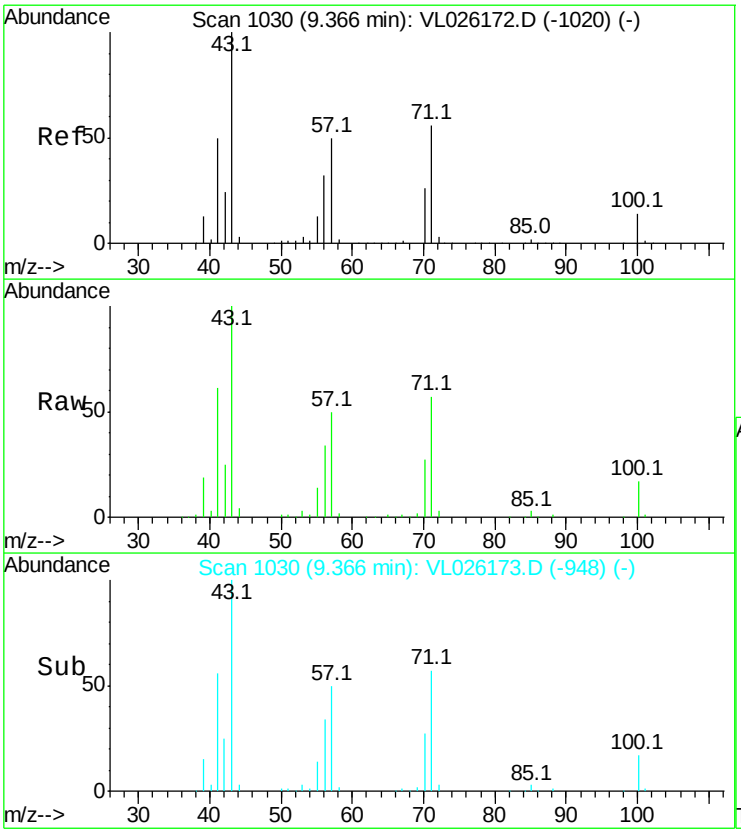
#9
Propene
Concen: 1.94 ppbv
RT: 3.61 min Scan# 85
Delta R.T. 0.01 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Tgt Ion: 41 Resp: 105521

Ion	Ratio	Lower	Upper
41	100		
42	66.2	53.6	80.4



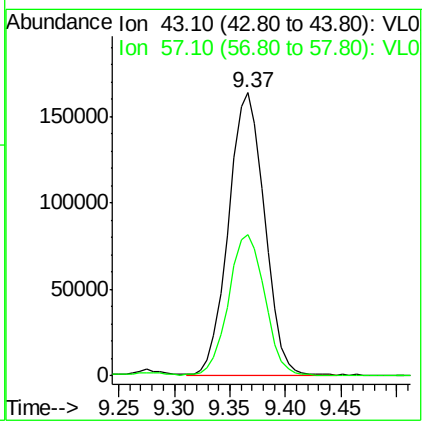
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

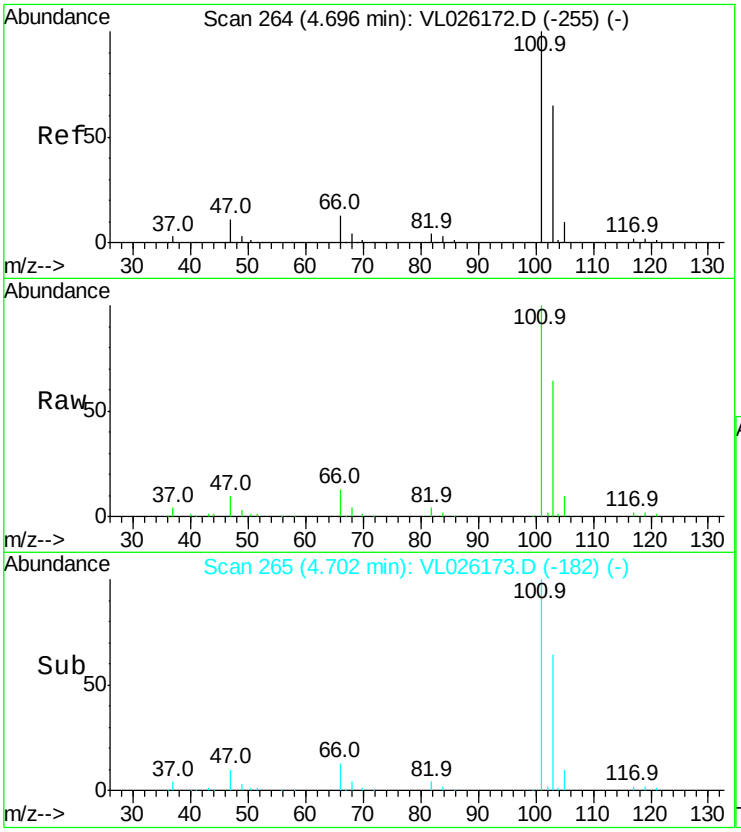


#10
Heptane
Concen: 1.93 ppbv
RT: 9.37 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Tgt Ion: 43 Resp: 365169

Ion	Ratio	Lower	Upper
43	100		
57	52.7	41.8	62.8



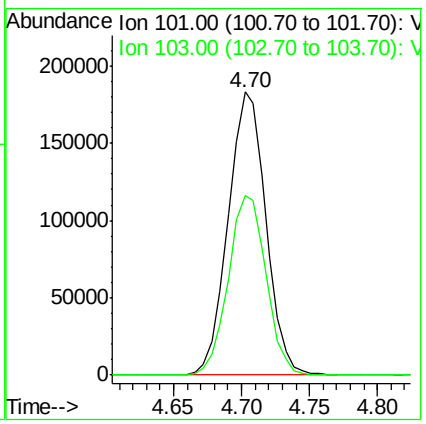


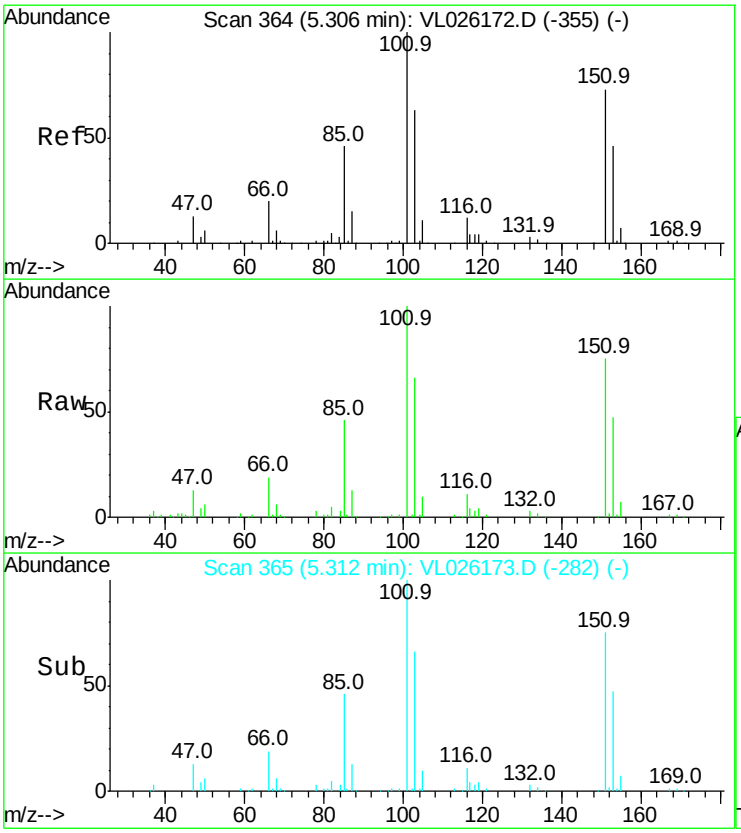
#11
Trichlorofluoromethane
Concen: 2.30 ppbv
RT: 4.70 min Scan# 265
Delta R.T. 0.01 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:101 Resp: 353604

Ion	Ratio	Lower	Upper
101	100		
103	63.6	51.9	77.9

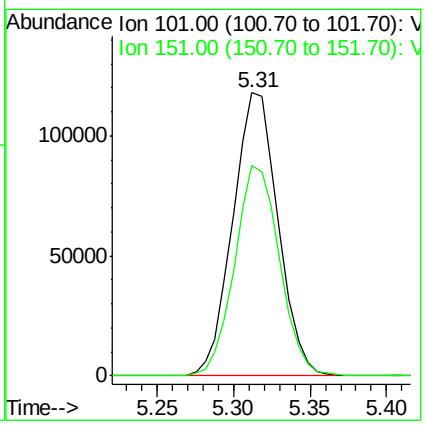


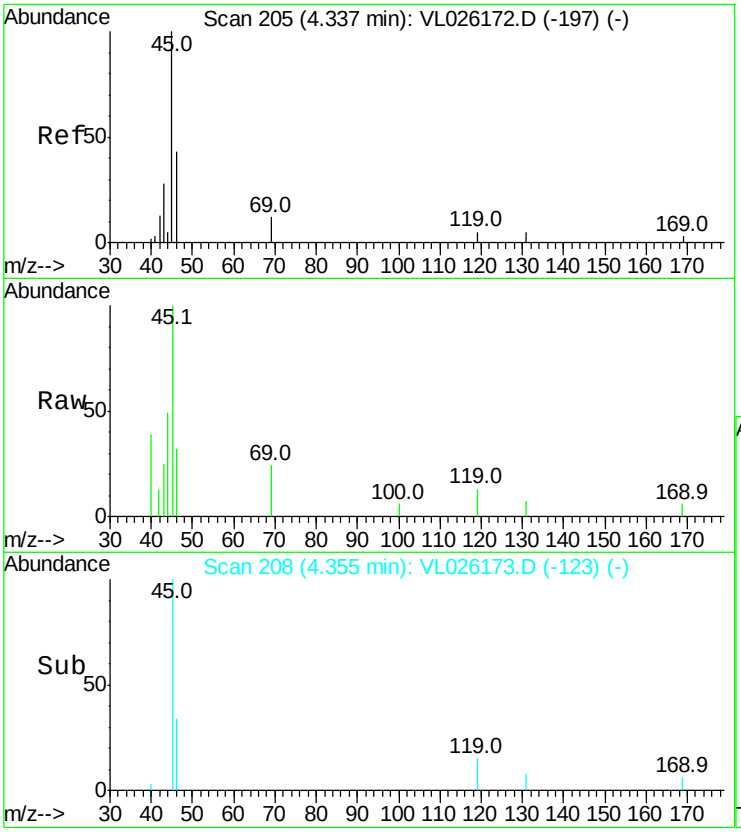


#12
1,1,2-Trichlorotrifluoroethane
Concen: 2.29 ppbv
RT: 5.31 min Scan# 365
Delta R.T. 0.01 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Tgt Ion:101 Resp: 242570

Ion	Ratio	Lower	Upper
101	100		
151	74.0	59.0	88.6



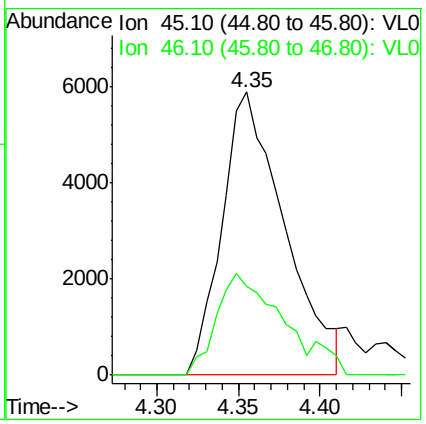


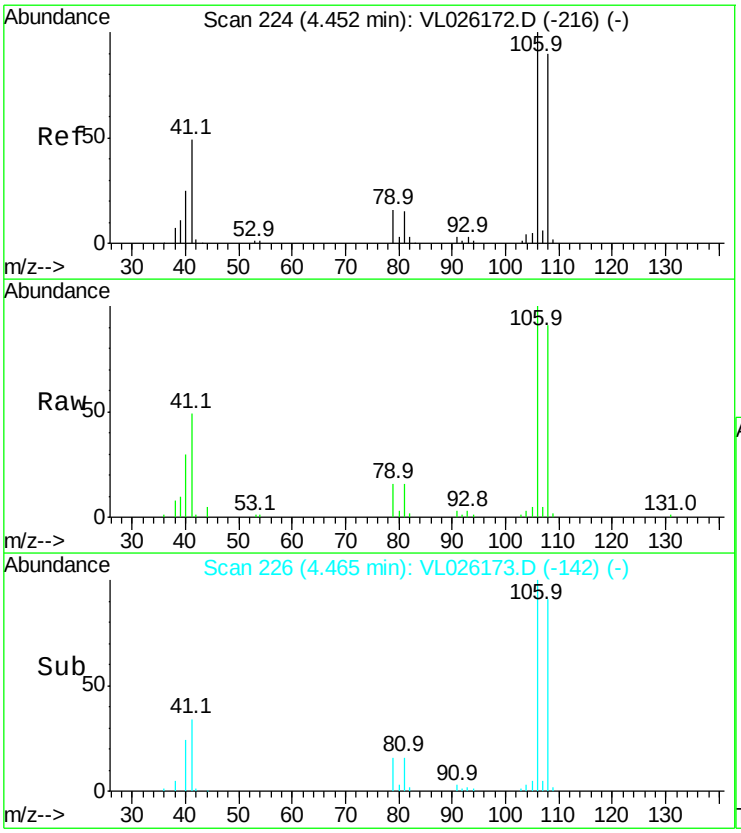
#13
Ethanol
Concen: 2.38 ppbv
RT: 4.35 min Scan# 208
Delta R.T. 0.02 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 45 Resp: 15716

Ion	Ratio	Lower	Upper
45	100		
46	38.7	18.1	72.5

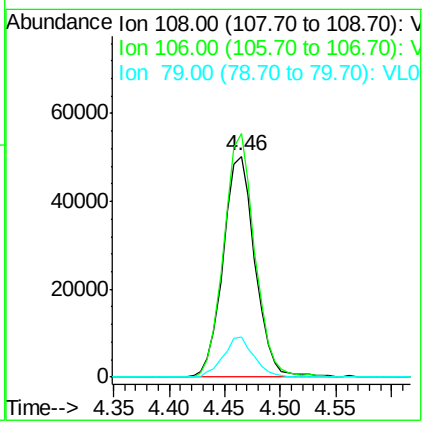


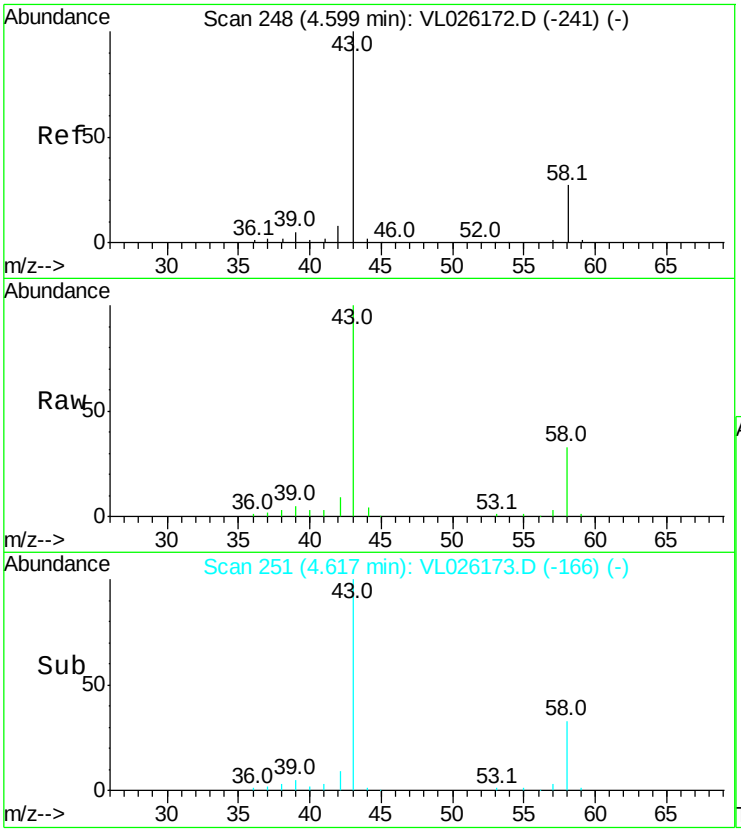


#14
Bromoethene
Concen: 2.21 ppbv
RT: 4.46 min Scan# 226
Delta R.T. 0.01 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Tgt Ion:108 Resp: 99876

Ion	Ratio	Lower	Upper
108	100		
106	106.8	85.9	128.9
79	17.1	14.0	21.0



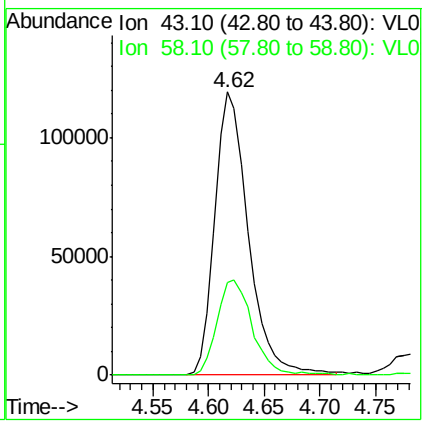


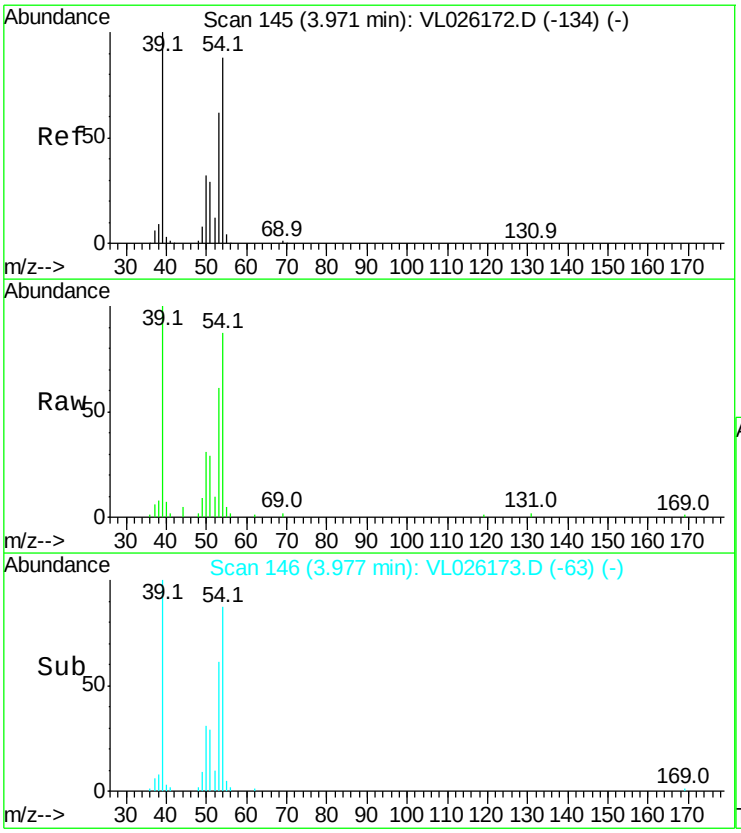
#15
Acetone
Concen: 2.15 ppbv
RT: 4.62 min Scan# 251
Delta R.T. 0.02 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 249750

Ion	Ratio	Lower	Upper
43	100		
58	35.8	22.0	33.0#

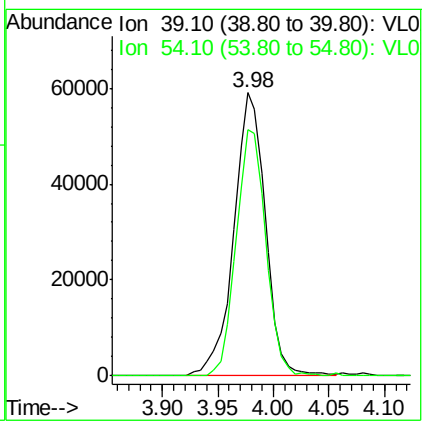


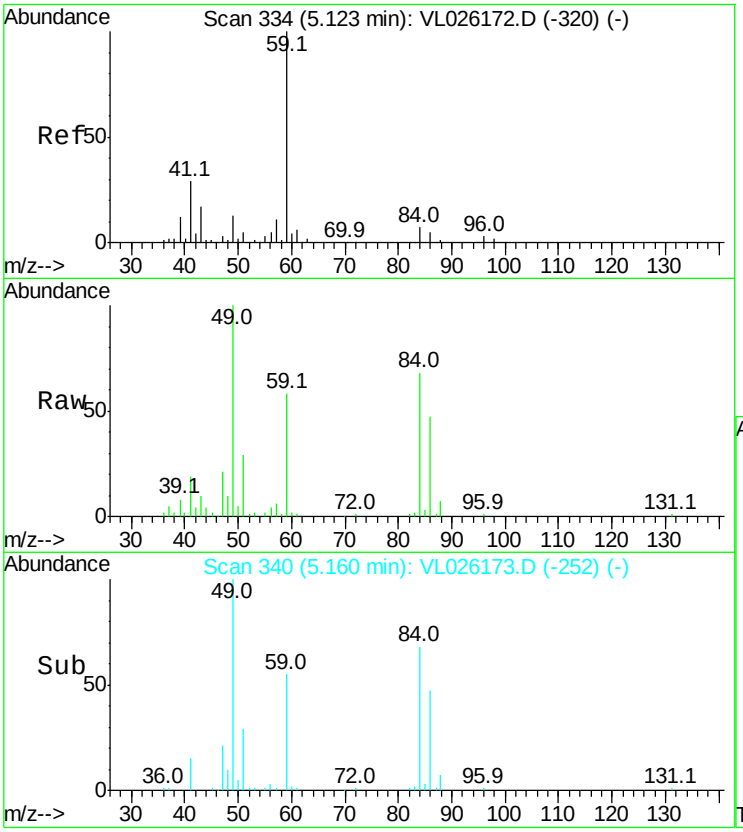


#16
1,3-Butadiene
Concen: 2.02 ppbv
RT: 3.98 min Scan# 146
Delta R.T. 0.01 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Tgt Ion: 39 Resp: 116559

Ion	Ratio	Lower	Upper
39	100		
54	81.7	67.9	101.9



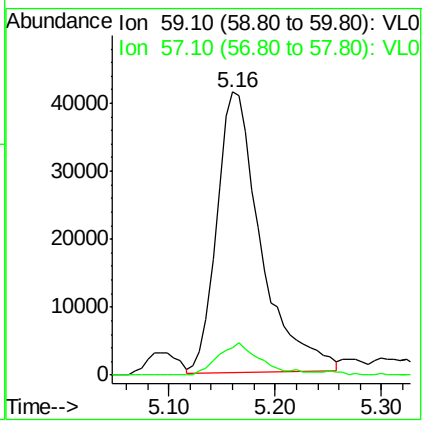


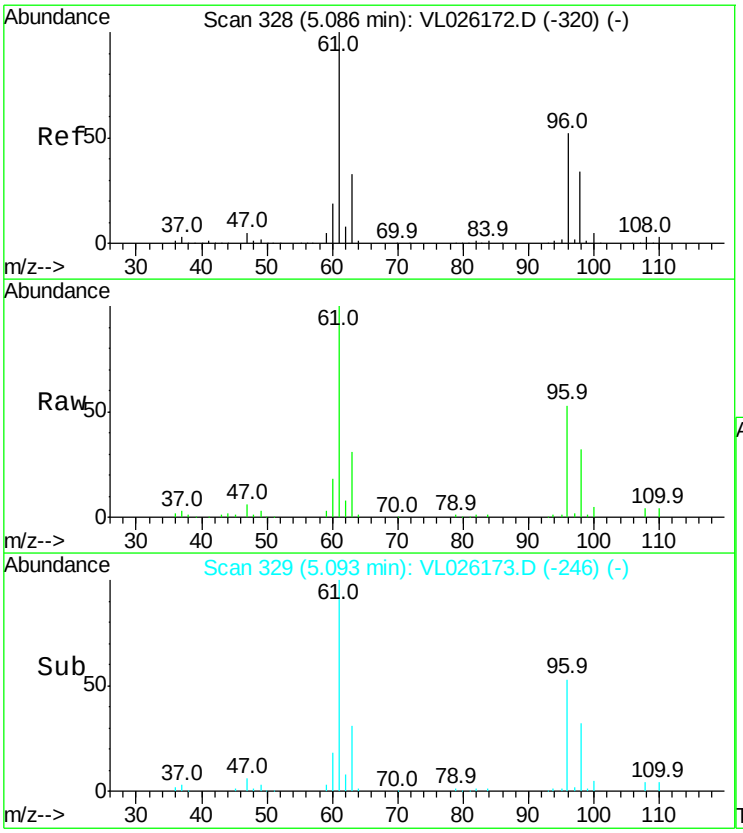
#17
tert-Butyl alcohol
Concen: 1.59 ppbv
RT: 5.16 min Scan# 340
Delta R.T. 0.04 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 59 Resp: 119577

Ion	Ratio	Lower	Upper
59	100		
57	11.9	8.8	13.2

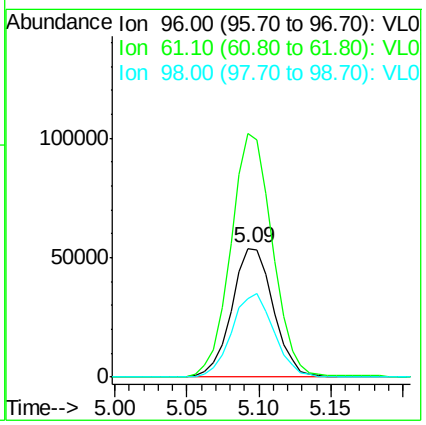


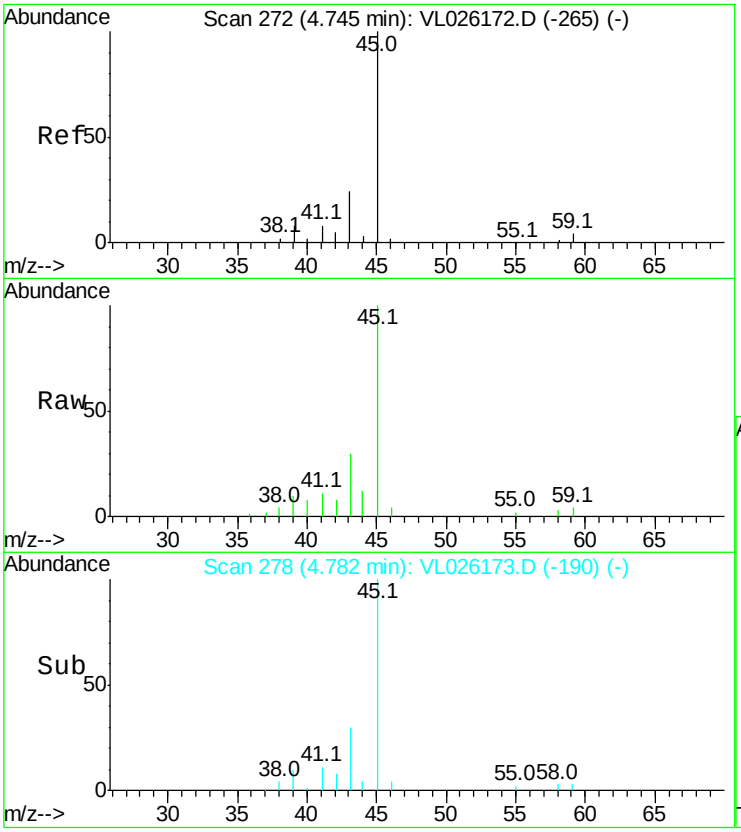


#18
1,1-Dichloroethene
Concen: 2.19 ppbv
RT: 5.09 min Scan# 329
Delta R.T. 0.01 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Tgt Ion: 96 Resp: 108476

Ion	Ratio	Lower	Upper
96	100		
61	189.3	153.2	229.8
98	61.3	52.1	78.1



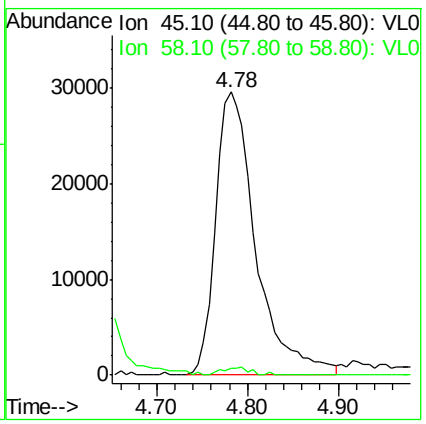


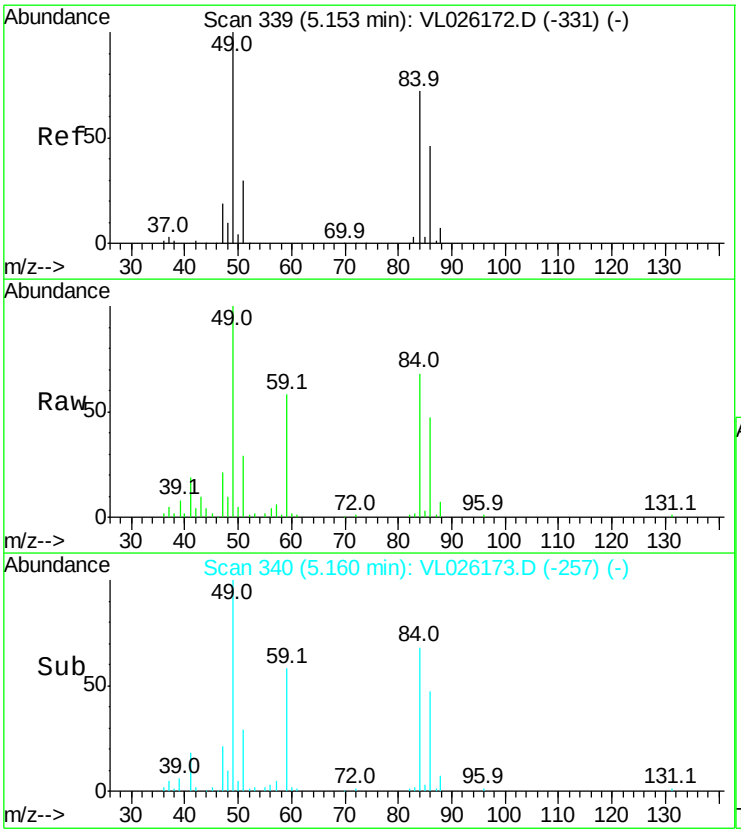
#19
Isopropyl Alcohol
Concen: 1.88 ppbv
RT: 4.78 min Scan# 278
Delta R.T. 0.04 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 45 Resp: 91373

Ion	Ratio	Lower	Upper
45	100		
58	97.9	1.7	2.5#

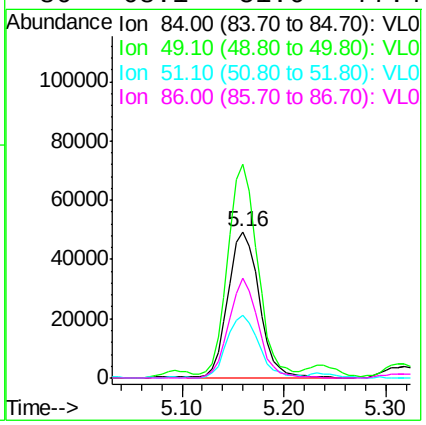


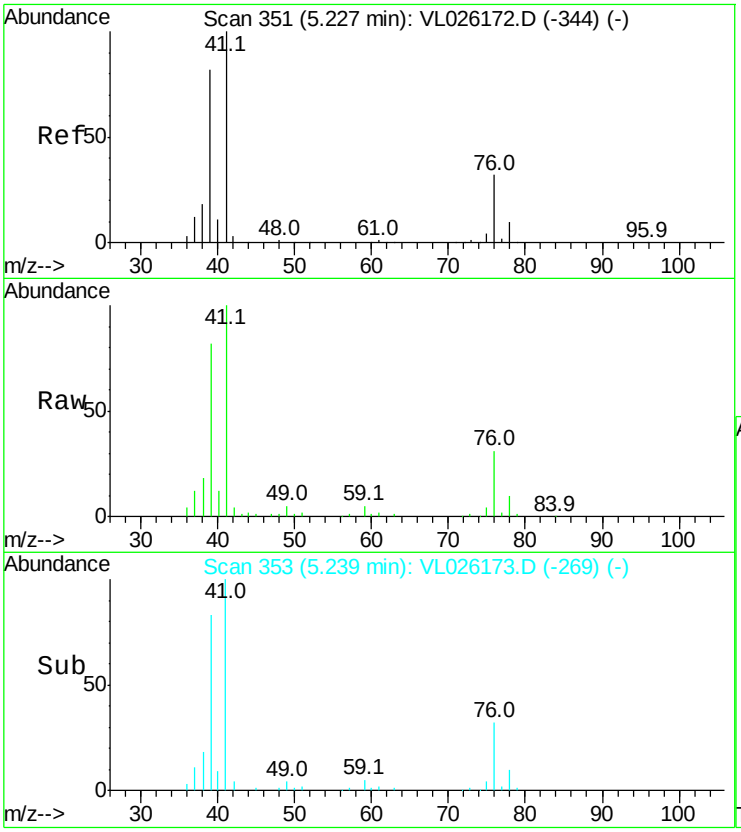


#20
Methylene Chloride
Concen: 2.15 ppbv
RT: 5.16 min Scan# 340
Delta R.T. 0.01 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Tgt Ion: 84 Resp: 105923

Ion	Ratio	Lower	Upper
84	100		
49	142.0	111.3	166.9
51	41.8	33.0	49.6
86	68.1	51.6	77.4



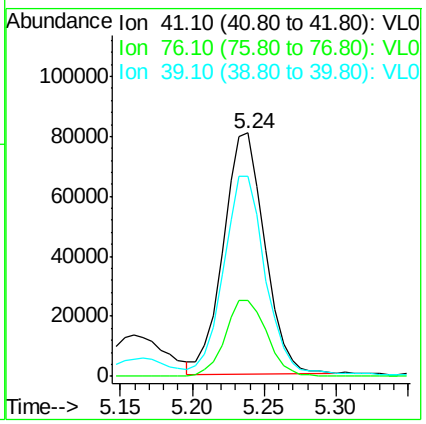


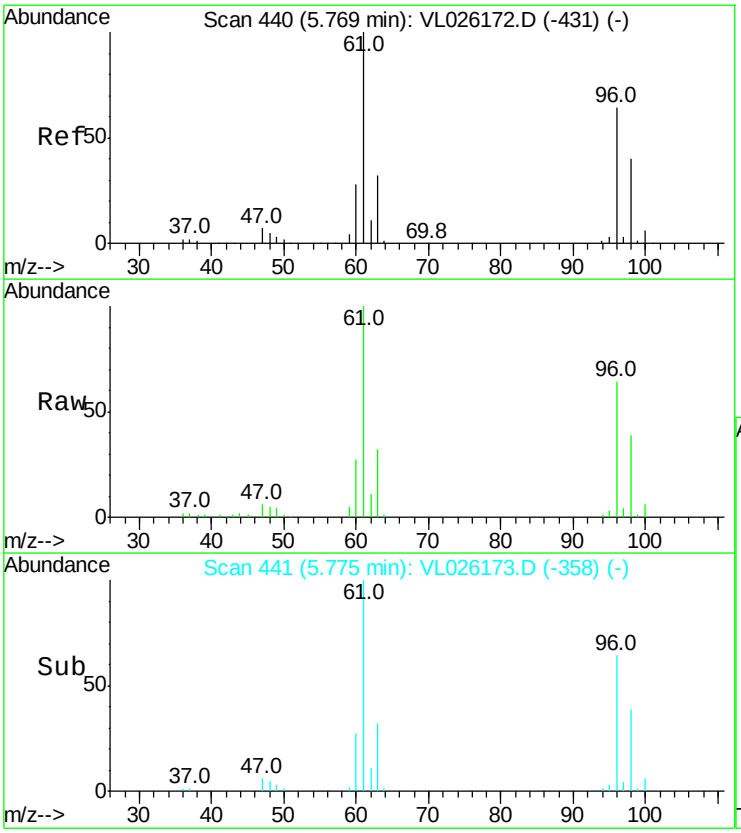
#21
Allyl Chloride
Concen: 2.02 ppbv
RT: 5.24 min Scan# 353
Delta R.T. 0.01 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 41 Resp: 161610

Ion	Ratio	Lower	Upper
41	100		
76	31.6	25.4	38.2
39	97.5	66.5	99.7

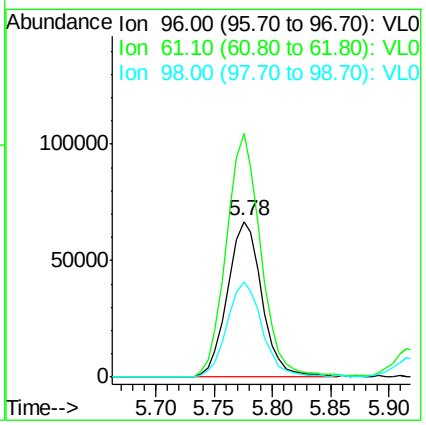


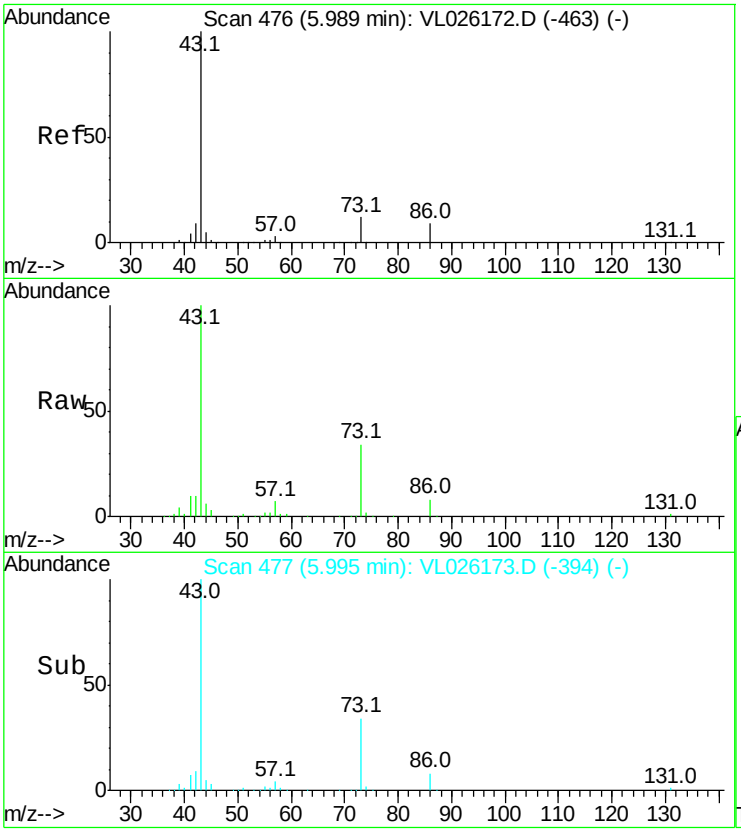


#22
trans-1,2-Dichloroethene
Concen: 2.07 ppbv
RT: 5.78 min Scan# 441
Delta R.T. 0.01 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Tgt Ion: 96 Resp: 138287

Ion	Ratio	Lower	Upper
96	100		
61	156.4	125.8	188.6
98	61.0	50.6	75.8



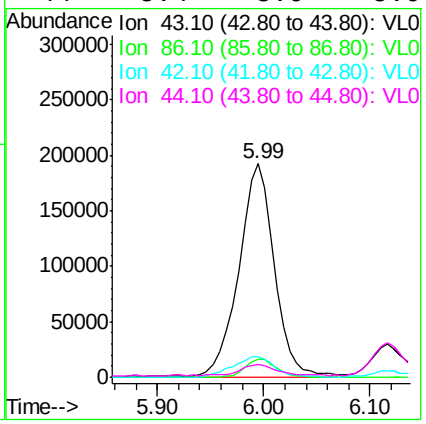


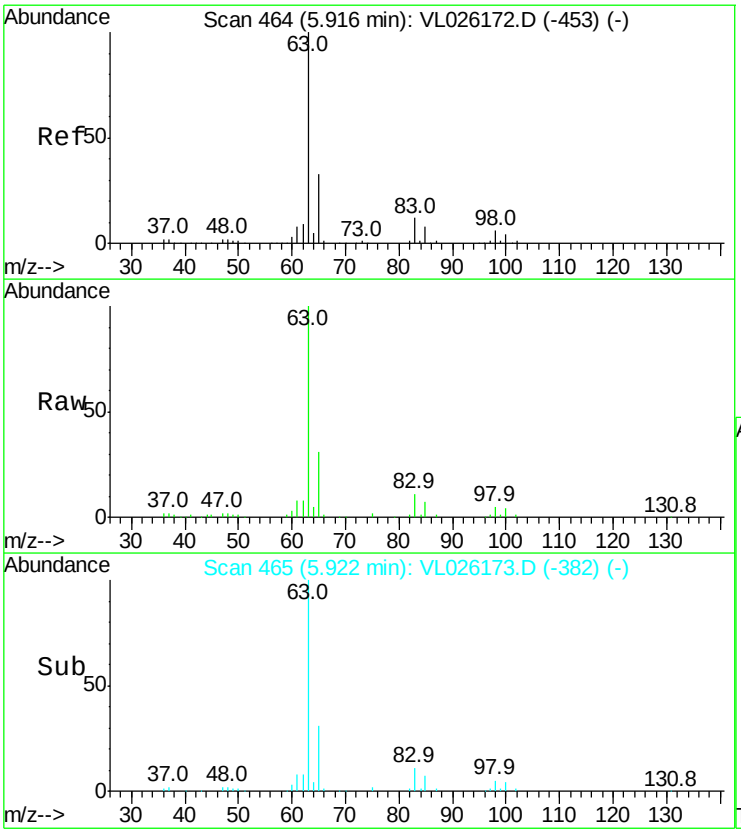
#23
Vinyl Acetate
Concen: 2.04 ppbv
RT: 5.99 min Scan# 477
Delta R.T. 0.01 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 448594

Ion	Ratio	Lower	Upper
43	100		
86	8.2	7.2	10.8
42	9.5	7.4	11.2
44	5.4	3.9	5.9

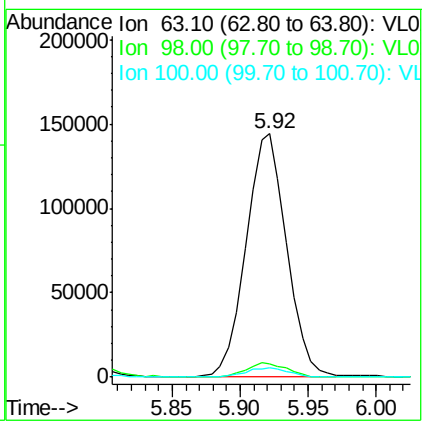


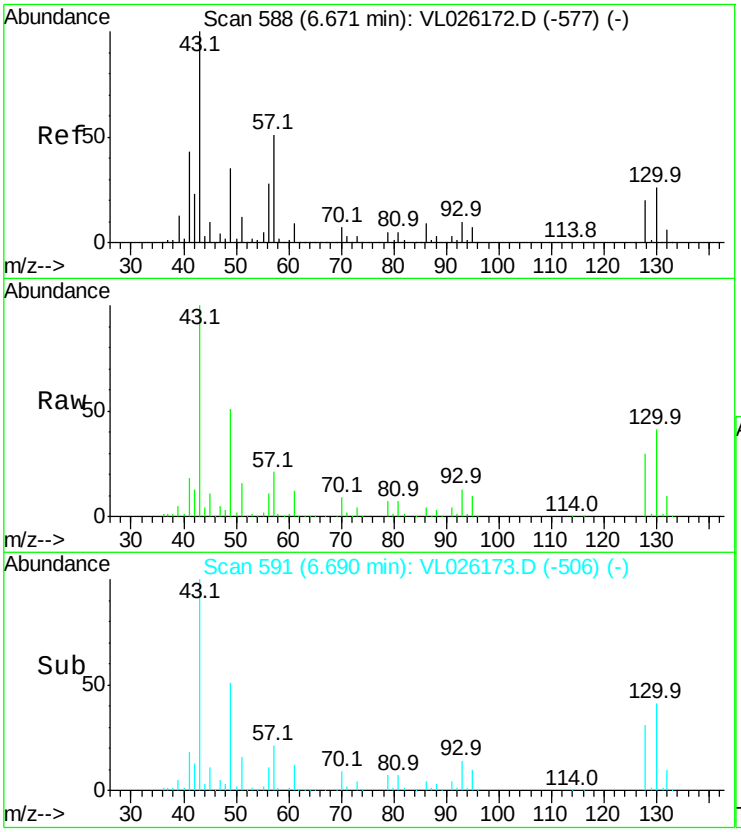


#24
1,1-Dichloroethane
Concen: 2.03 ppbv
RT: 5.92 min Scan# 465
Delta R.T. 0.01 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Tgt Ion: 63 Resp: 300665

Ion	Ratio	Lower	Upper
63	100		
98	5.4	2.9	8.7
100	4.1	1.8	5.5



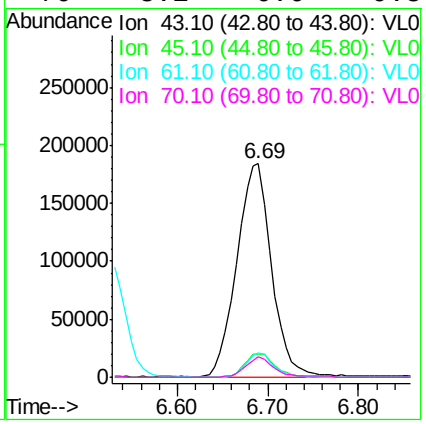


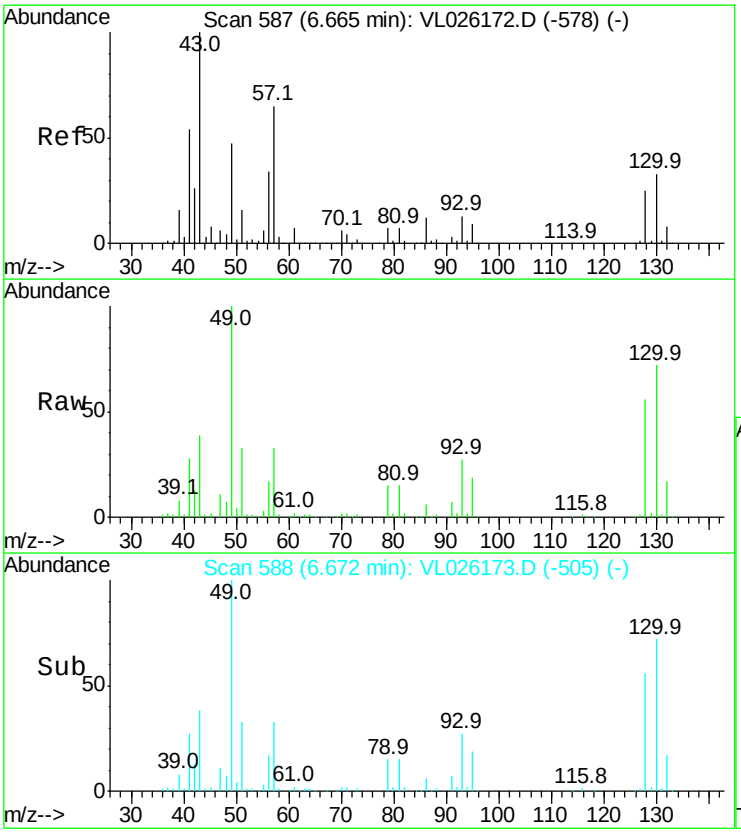
#25
Ethyl Acetate
Concen: 1.99 ppbv
RT: 6.69 min Scan# 591
Delta R.T. 0.02 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 491285

Ion	Ratio	Lower	Upper
43	100		
45	9.7	7.7	11.5
61	9.4	7.4	11.2
70	8.1	6.6	9.8

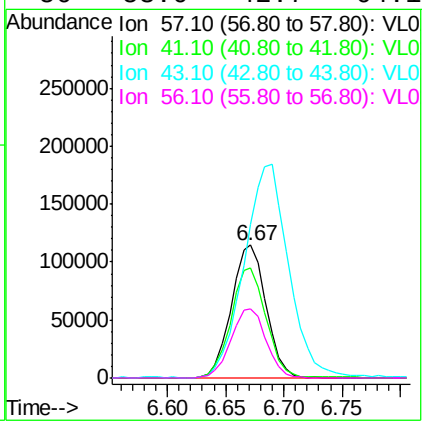


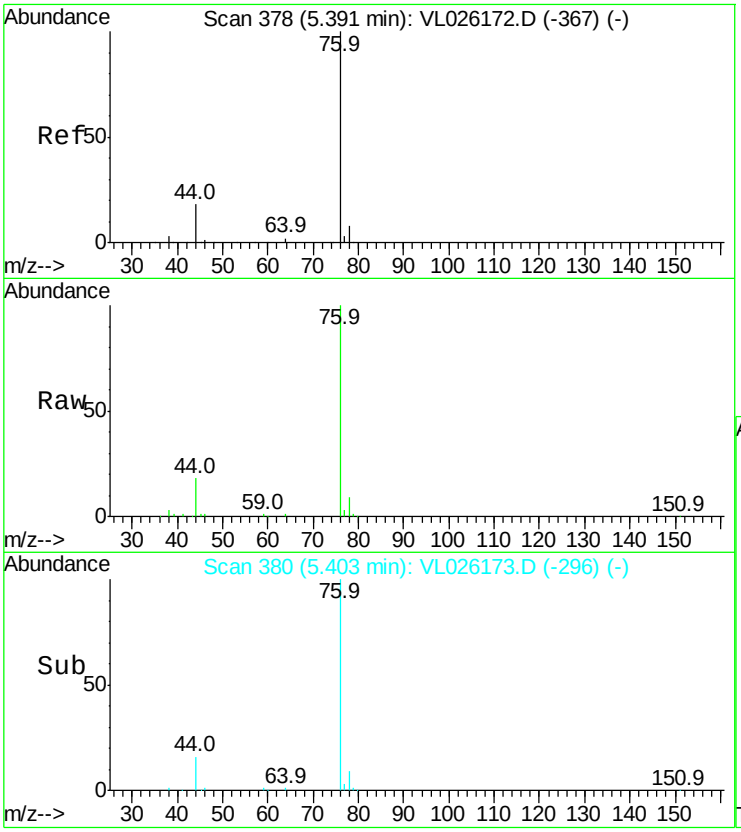


#26
Hexane
Concen: 2.01 ppbv
RT: 6.67 min Scan# 588
Delta R.T. 0.01 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Tgt Ion: 57 Resp: 237642

Ion	Ratio	Lower	Upper
57	100		
41	84.8	68.0	102.0
43	206.8	164.4	246.6
56	53.0	42.7	64.1



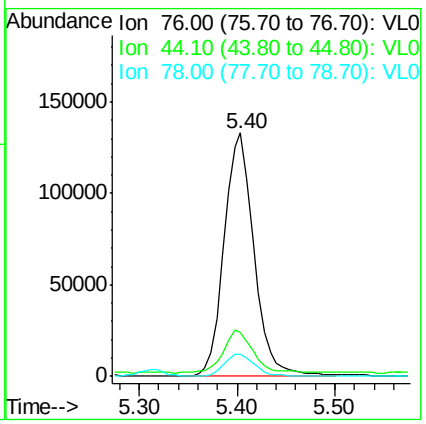


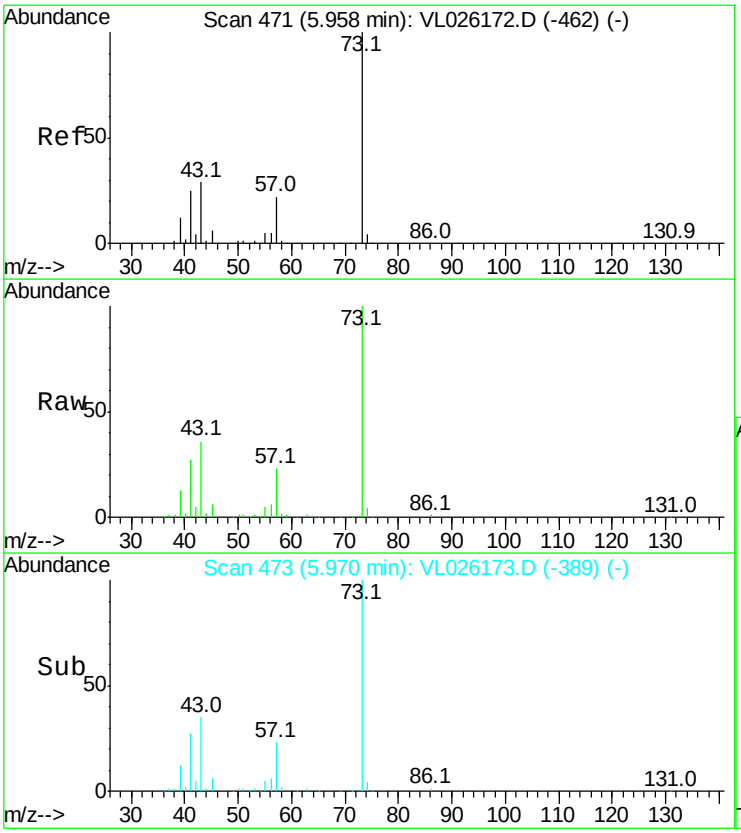
#27
Carbon Disulfide
Concen: 2.23 ppbv
RT: 5.40 min Scan# 380
Delta R.T. 0.01 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 76 Resp: 282175

Ion	Ratio	Lower	Upper
76	100		
44	17.8	14.2	21.4
78	9.4	7.5	11.3

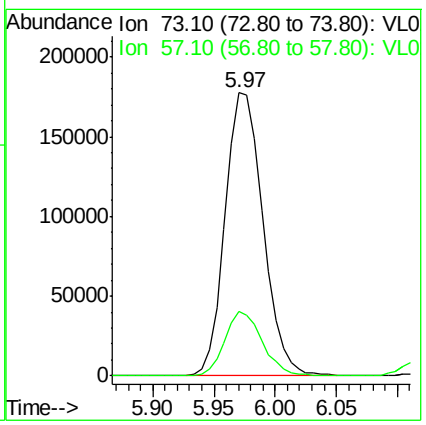


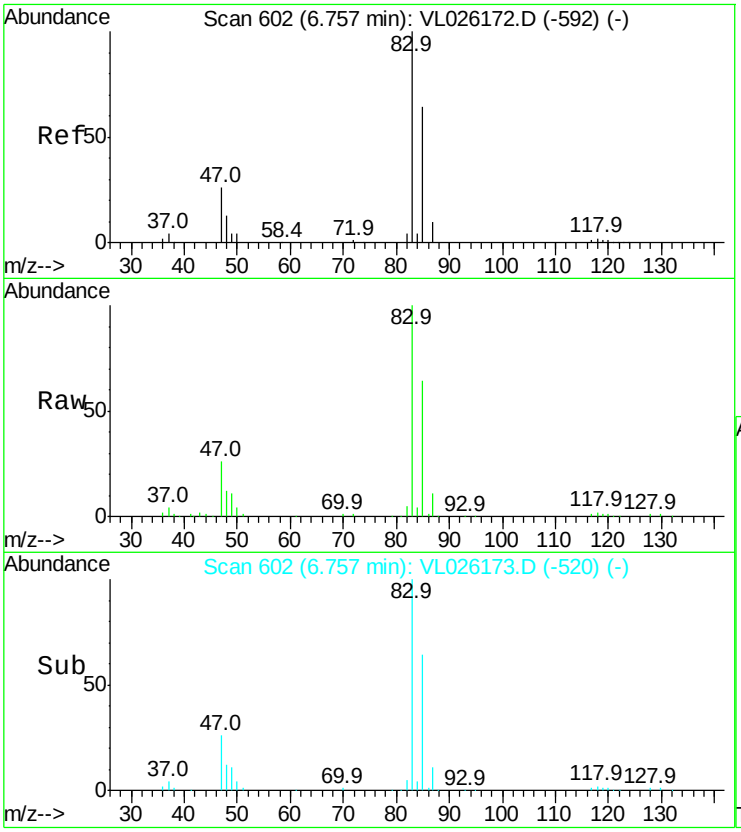


#28
Methyl tert-Butyl Ether
Concen: 2.12 ppbv
RT: 5.97 min Scan# 473
Delta R.T. 0.01 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Tgt Ion: 73 Resp: 381505

Ion	Ratio	Lower	Upper
73	100		
57	22.7	17.8	26.6



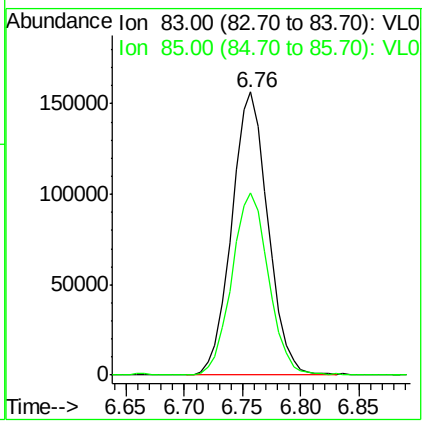


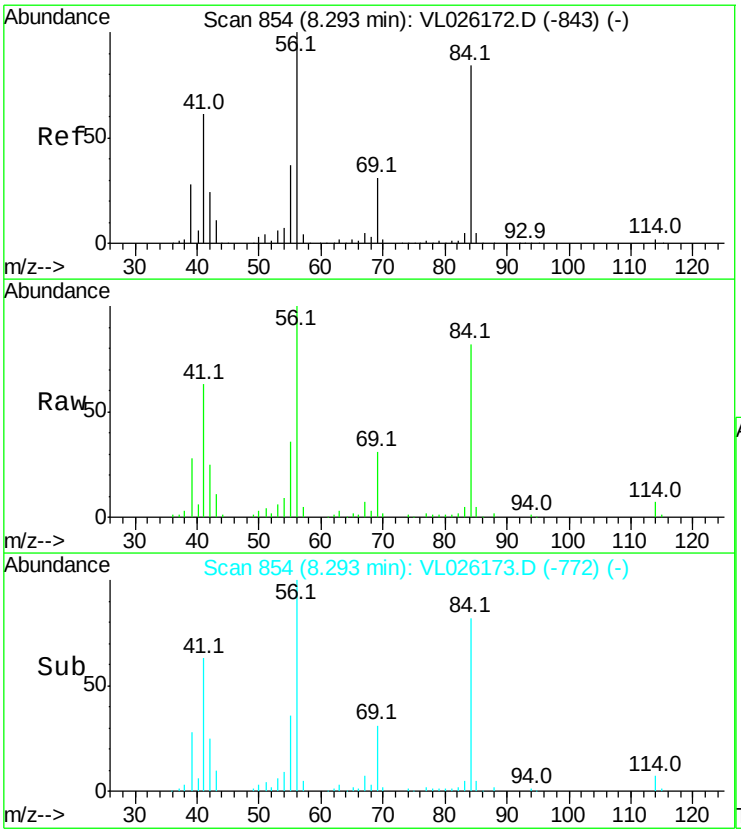
#29
Chloroform
Concen: 2.07 ppbv
RT: 6.76 min Scan# 602
Delta R.T. 0.00 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 83 Resp: 339454

Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.5	77.3

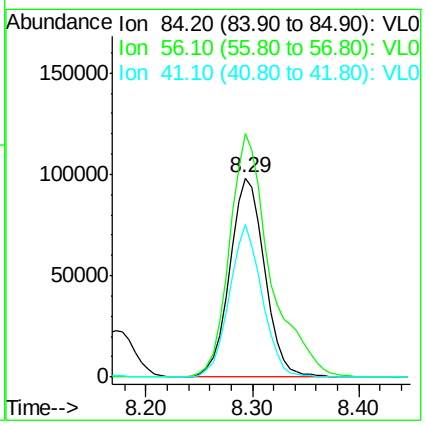


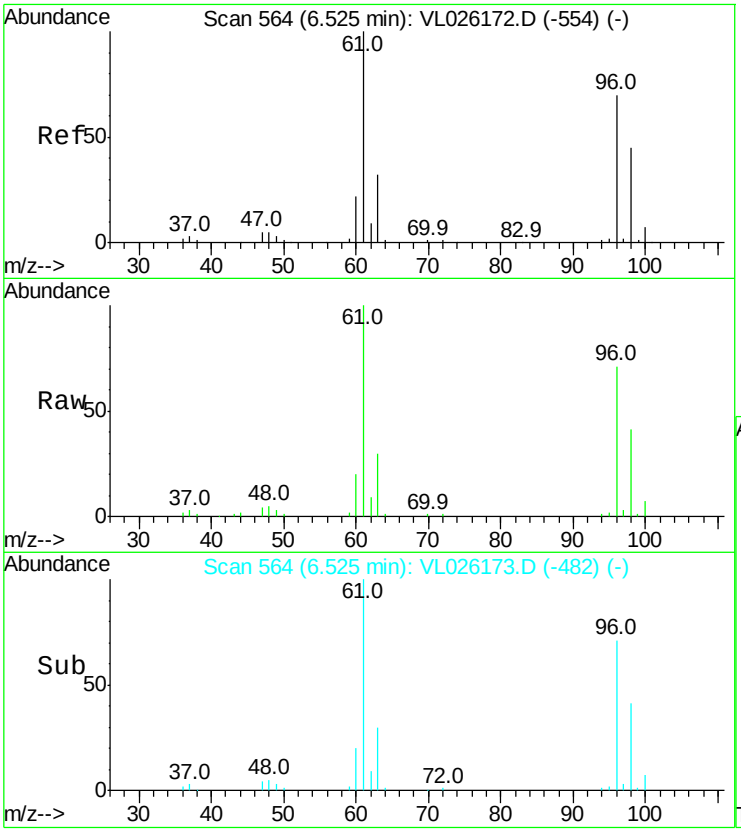


#30
Cyclohexane
Concen: 2.00 ppbv
RT: 8.29 min Scan# 854
Delta R.T. 0.00 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Tgt Ion: 84 Resp: 226052

Ion	Ratio	Lower	Upper
84	100		
56	142.3	99.8	149.8
41	71.9	58.1	87.1



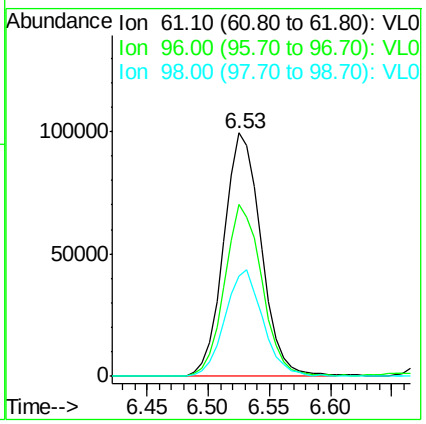


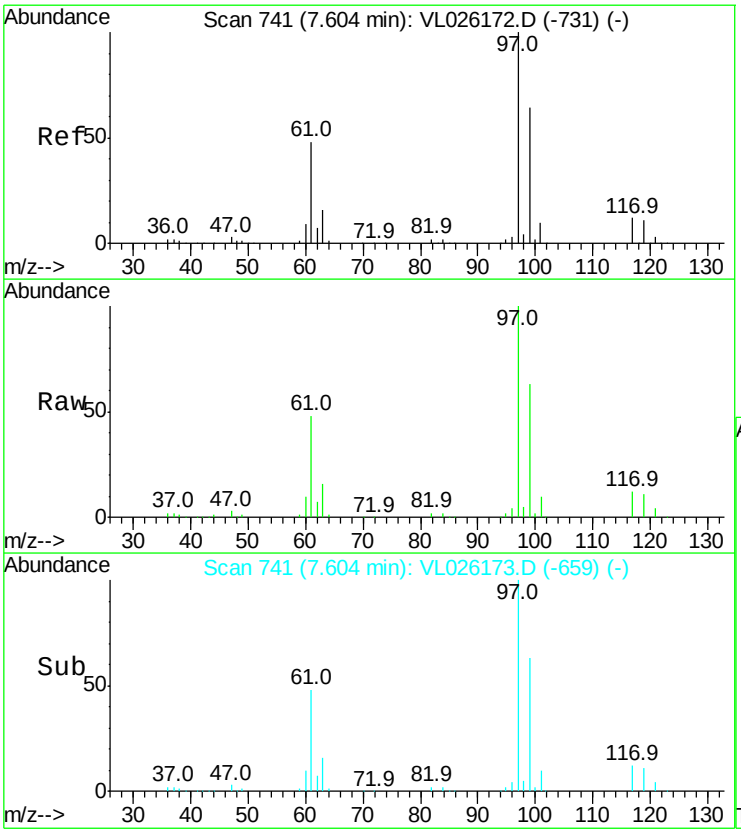
#31
cis-1,2-Dichloroethene
Concen: 1.96 ppbv
RT: 6.53 min Scan# 564
Delta R.T. 0.00 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 61 Resp: 211249

Ion	Ratio	Lower	Upper
61	100		
96	70.6	55.8	83.8
98	41.3	35.8	53.6

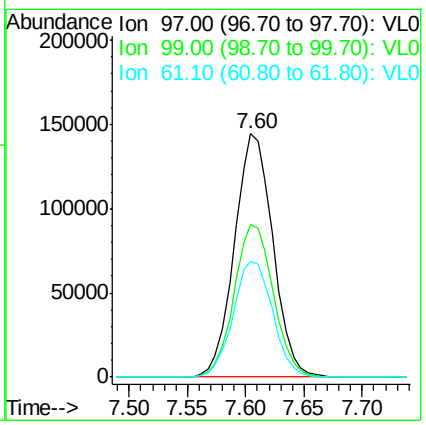


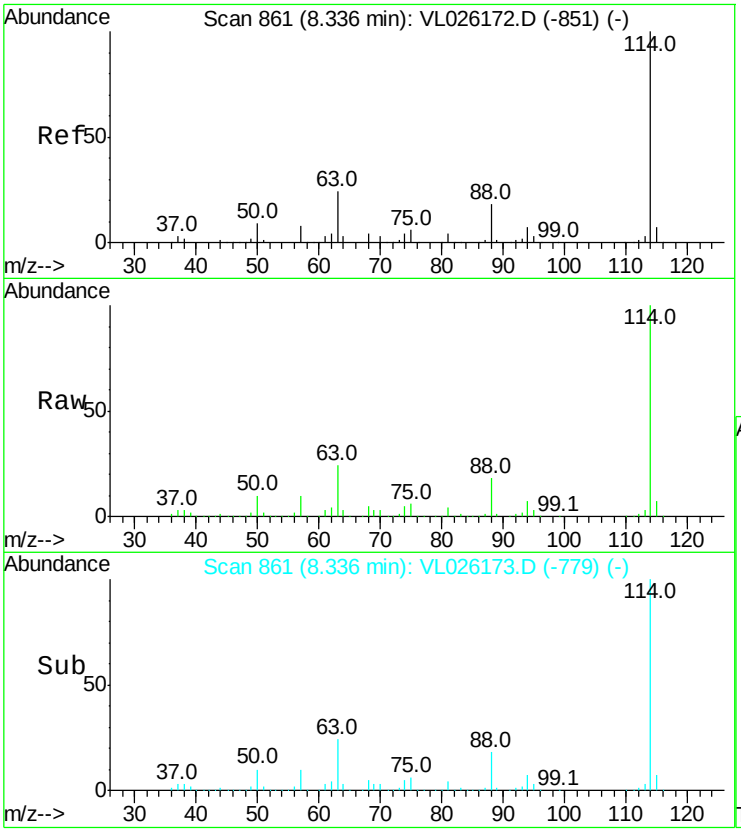


#32
1,1,1-Trichloroethane
Concen: 2.02 ppbv
RT: 7.60 min Scan# 741
Delta R.T. 0.00 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Tgt Ion: 97 Resp: 332328

Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.3	76.9
61	48.8	38.7	58.1



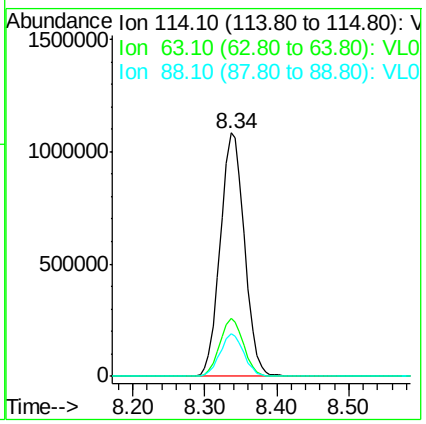


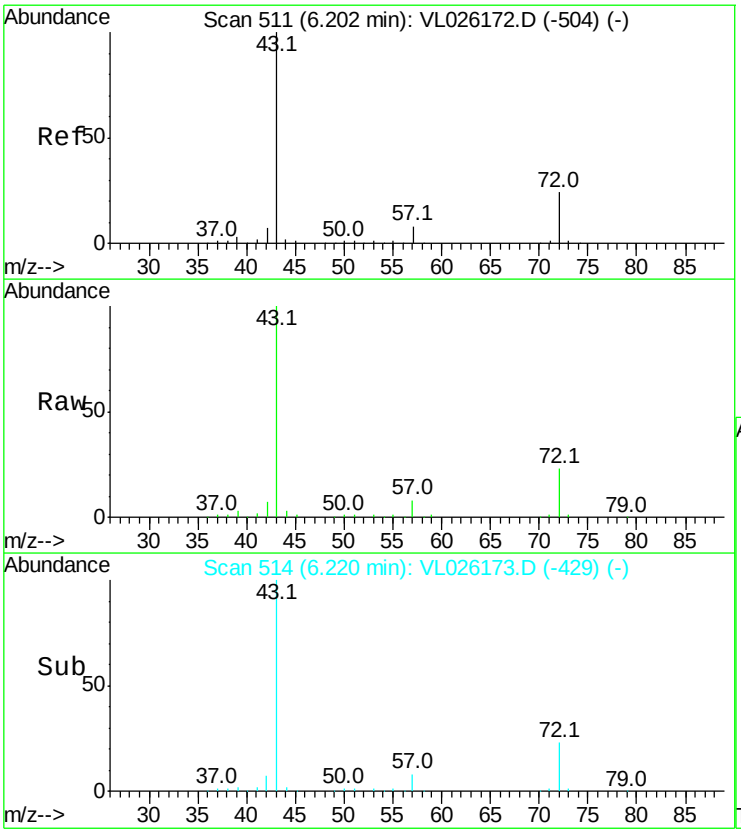
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.34 min Scan# 861
Delta R.T. 0.00 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:114 Resp: 2537665

Ion	Ratio	Lower	Upper
114	100		
63	23.4	19.0	28.6
88	17.1	13.8	20.8

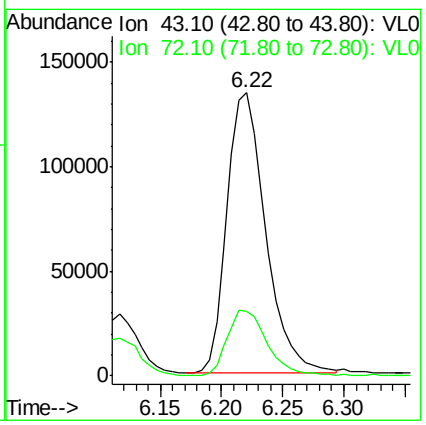


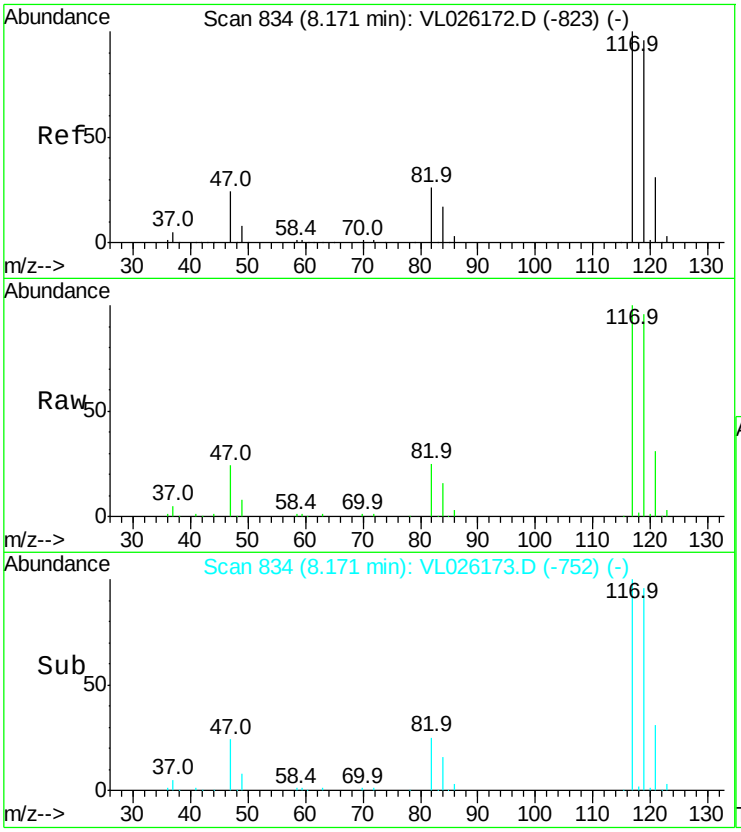


#34
2-Butanone
Concen: 1.81 ppbv
RT: 6.22 min Scan# 514
Delta R.T. 0.02 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Tgt Ion: 43 Resp: 294034

Ion	Ratio	Lower	Upper
43	100		
72	25.0	19.6	29.4



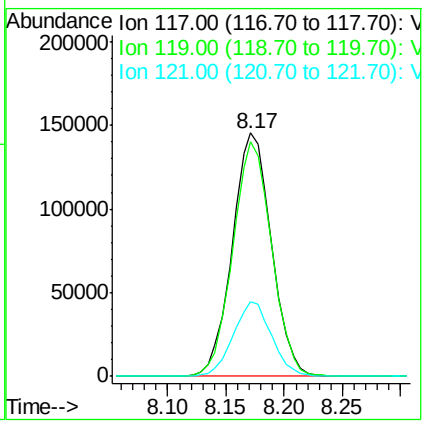


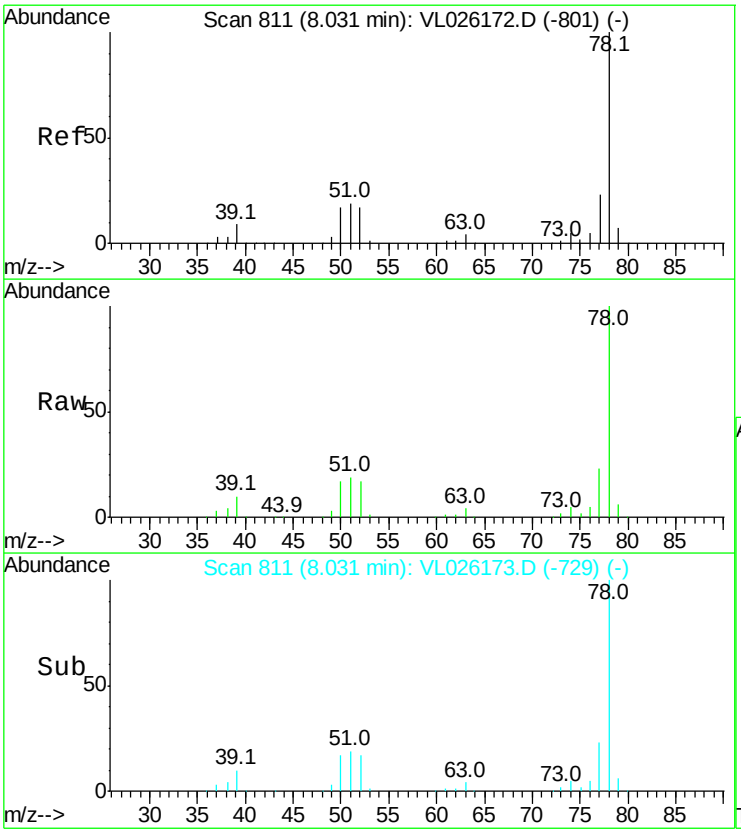
#35
Carbon Tetrachloride
Concen: 2.00 ppbv
RT: 8.17 min Scan# 834
Delta R.T. 0.00 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:117 Resp: 339784

Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.6	115.0
121	30.7	25.0	37.4

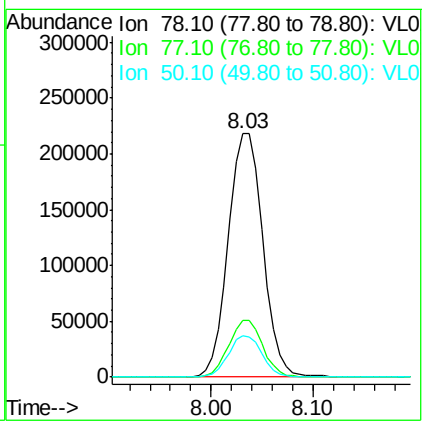


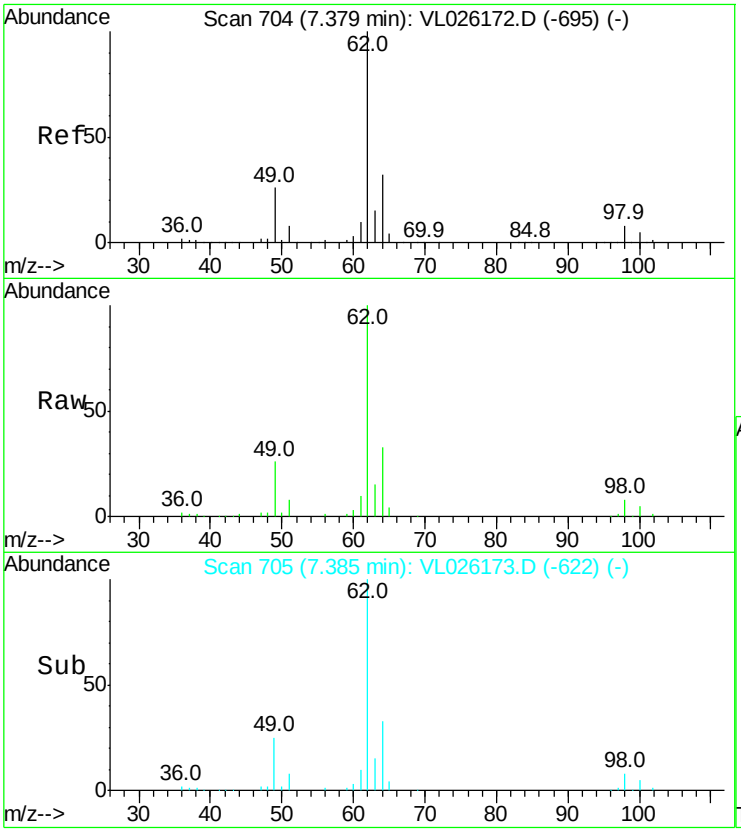


#36
Benzene
Concen: 1.92 ppbv
RT: 8.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Tgt Ion: 78 Resp: 515317

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.2	27.4
50	17.0	13.4	20.2



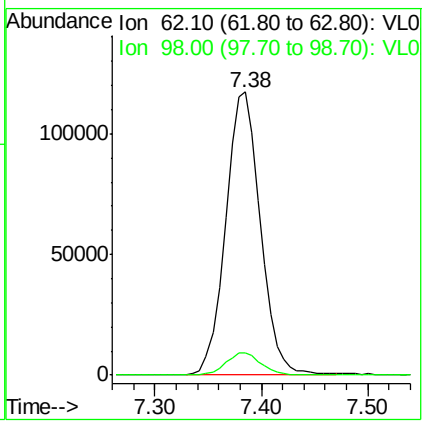


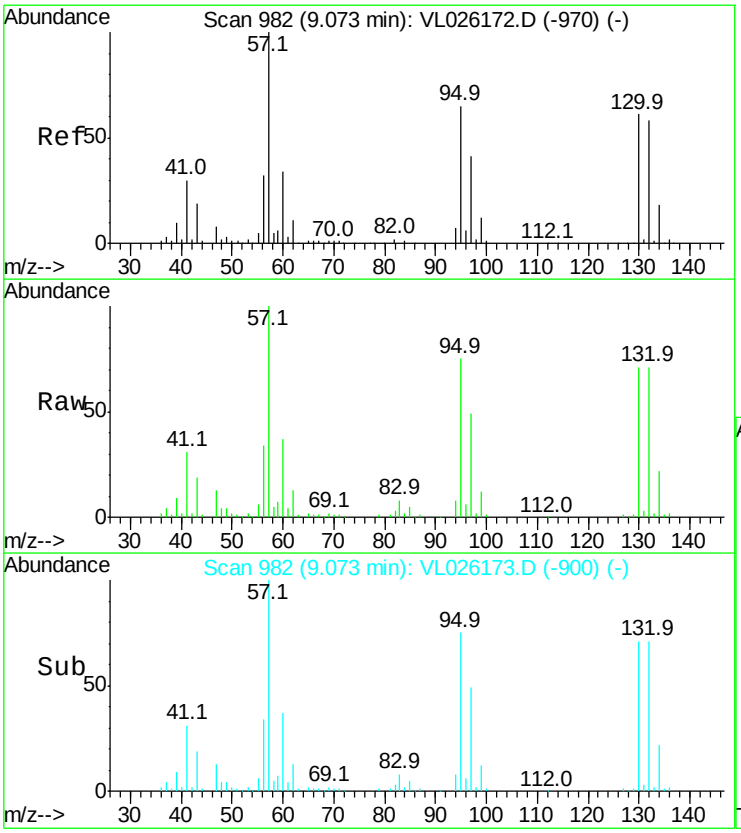
#37
1,2-Dichloroethane
Concen: 2.00 ppbv
RT: 7.38 min Scan# 705
Delta R.T. 0.01 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 62 Resp: 267559

Ion	Ratio	Lower	Upper
62	100		
98	7.9	6.2	9.2

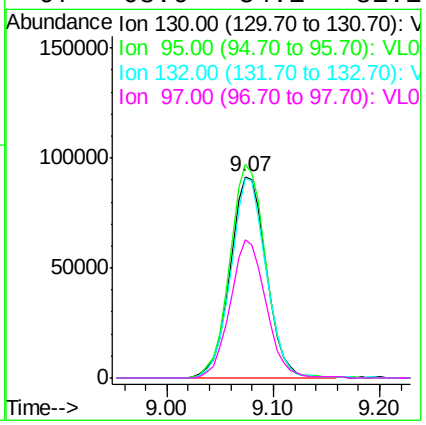


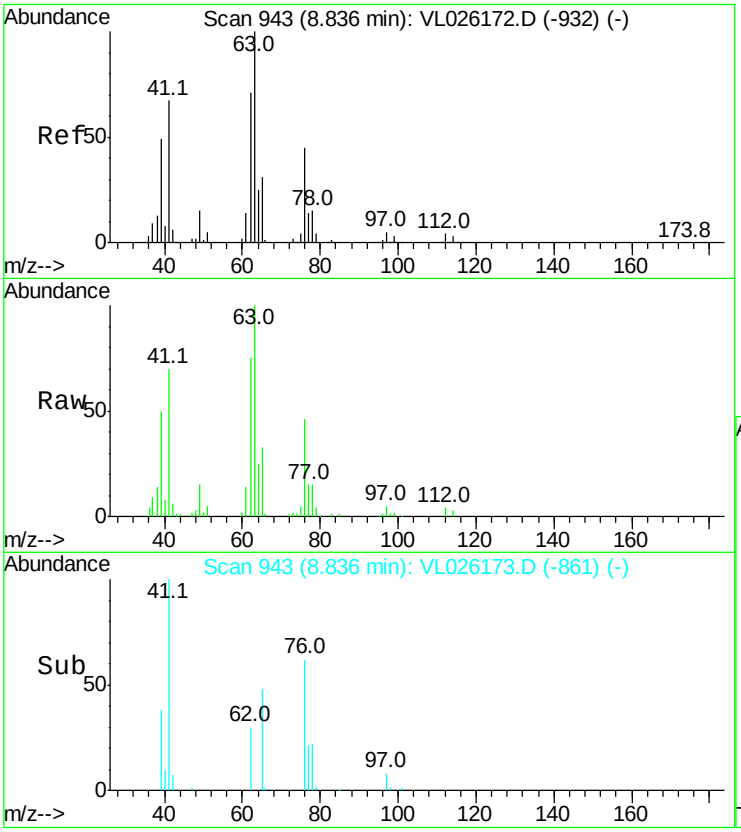


#38
Trichloroethene
Concen: 1.86 ppbv
RT: 9.07 min Scan# 982
Delta R.T. 0.00 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Tgt Ion:130 Resp: 217614

Ion	Ratio	Lower	Upper
130	100		
95	106.2	84.9	127.3
132	99.3	76.8	115.2
97	68.6	54.1	81.1



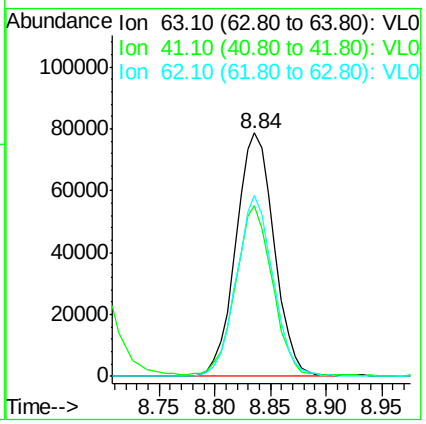


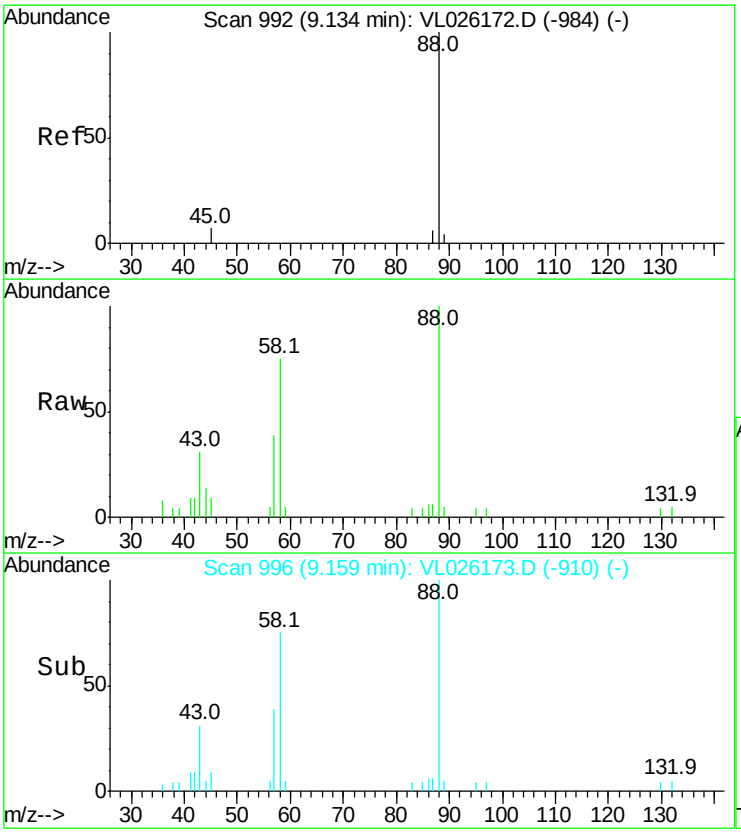
#39
1,2-Dichloropropane
Concen: 1.87 ppbv
RT: 8.84 min Scan# 943
Delta R.T. 0.00 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 63 Resp: 188053

Ion	Ratio	Lower	Upper
63	100		
41	69.4	53.9	80.9
62	74.6	57.1	85.7

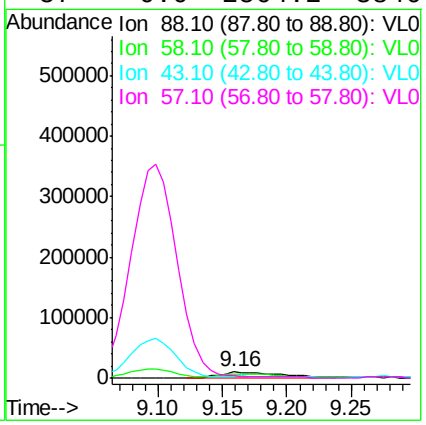


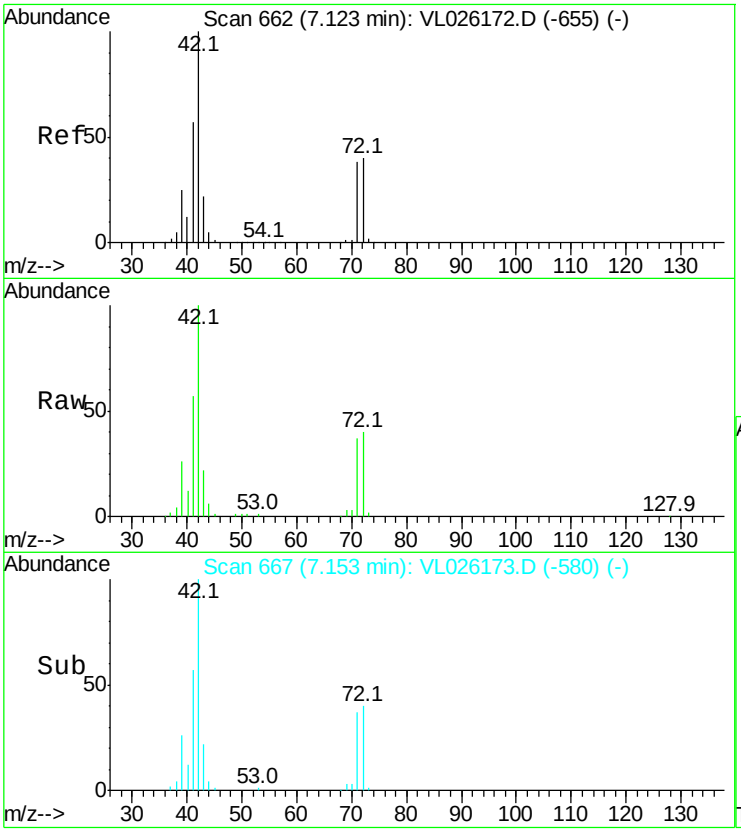


#40
1,4-Dioxane
Concen: 2.34 ppbv
RT: 9.16 min Scan# 996
Delta R.T. 0.02 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Tgt Ion: 88 Resp: 34573

Ion	Ratio	Lower	Upper
88	100		
58	63.0	178.4	267.6#
43	0.0	510.2	765.4#
57	0.0	2564.2	3846.4#



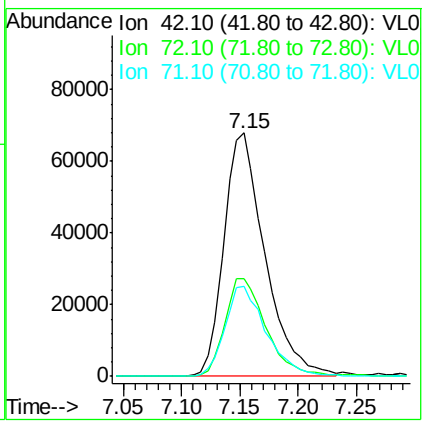


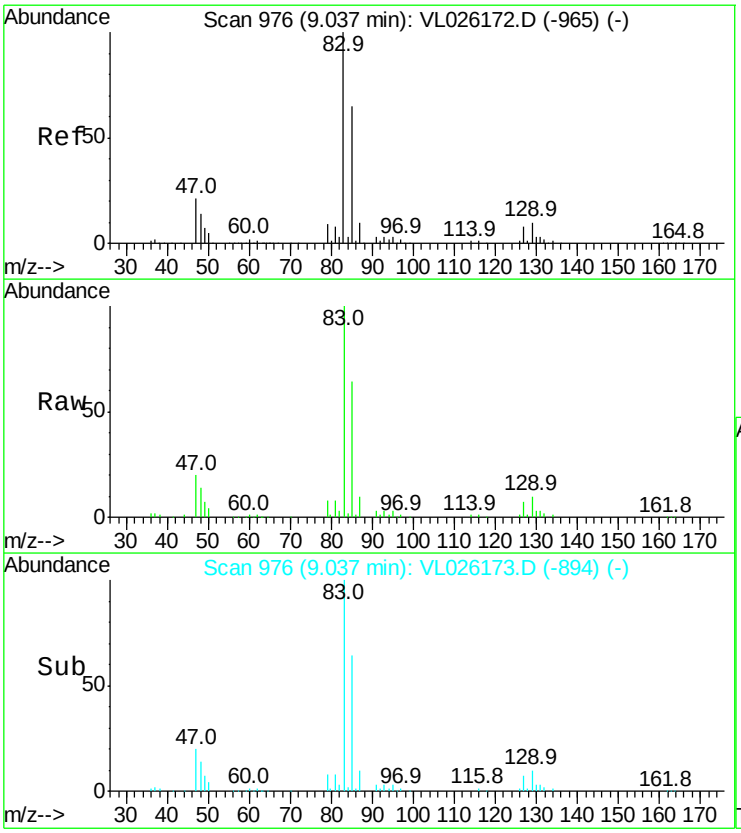
#41
Tetrahydrofuran
Concen: 1.74 ppbv
RT: 7.15 min Scan# 667
Delta R.T. 0.03 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 42 Resp: 165992

Ion	Ratio	Lower	Upper
42	100		
72	40.4	32.4	48.6
71	37.3	30.2	45.4

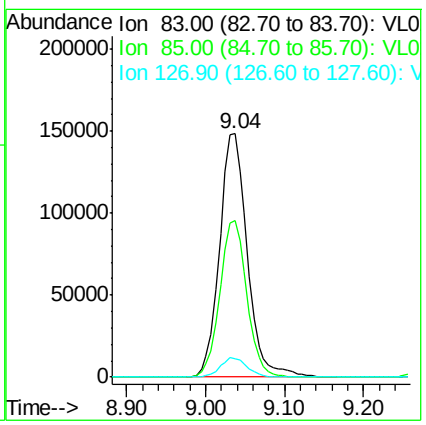


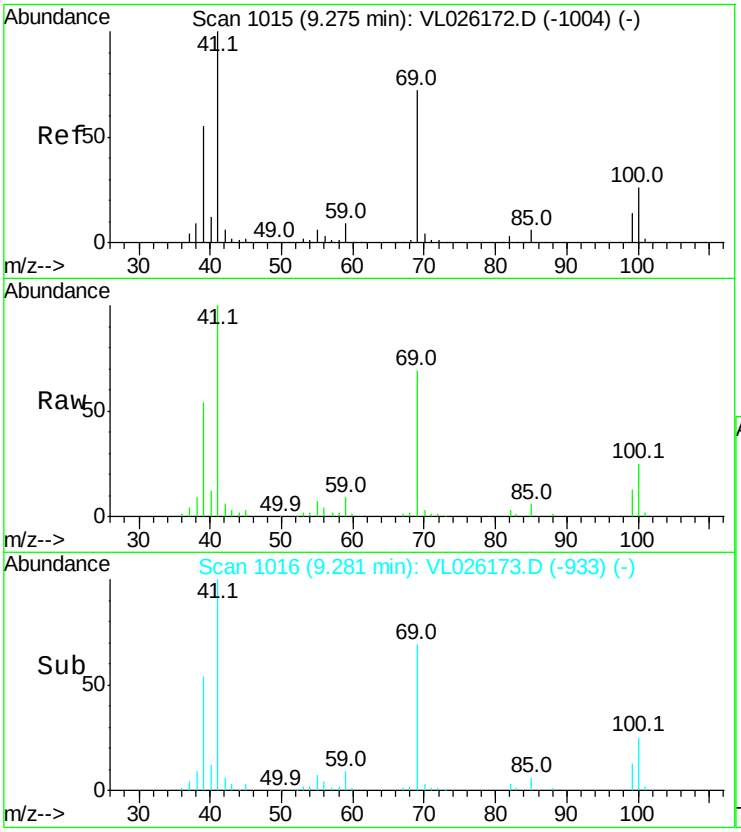


#42
Bromodichloromethane
Concen: 2.06 ppbv
RT: 9.04 min Scan# 976
Delta R.T. 0.00 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Tgt Ion: 83 Resp: 364274

Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.9	77.9
127	7.4	6.2	9.4



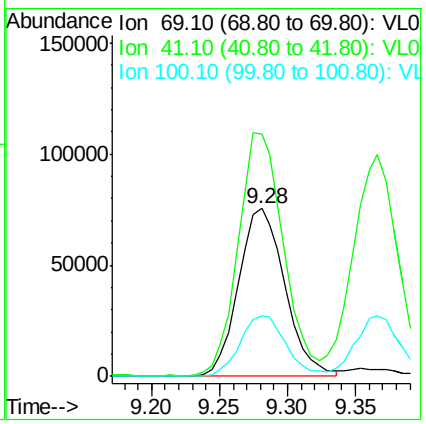


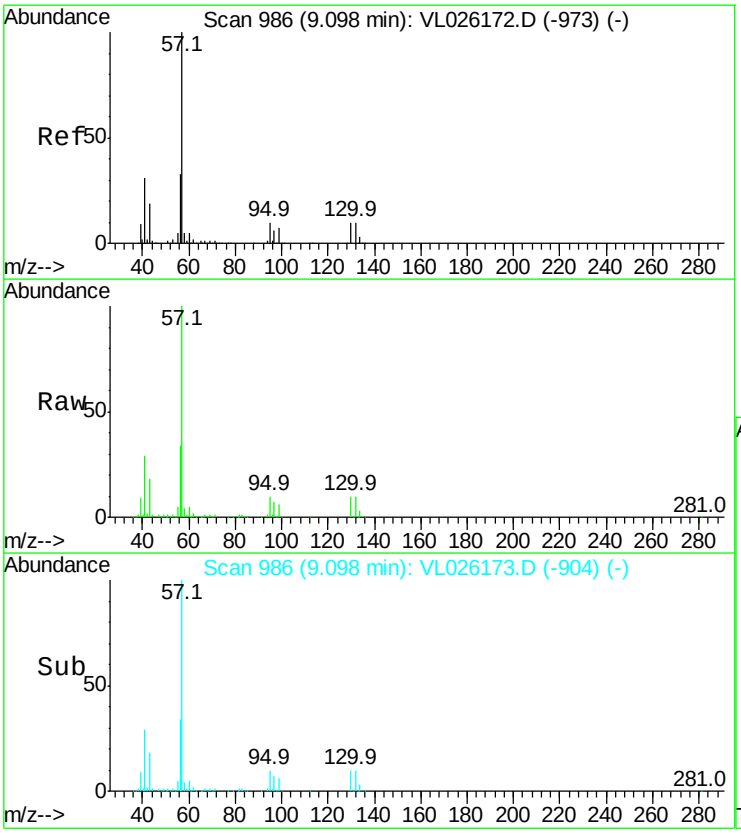
#43
Methyl Methacrylate
Concen: 1.89 ppbv
RT: 9.28 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 69 Resp: 180538

Ion	Ratio	Lower	Upper
69	100		
41	141.6	111.5	167.3
100	35.5	28.4	42.6

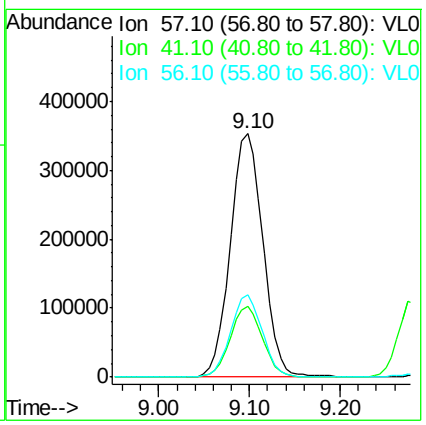


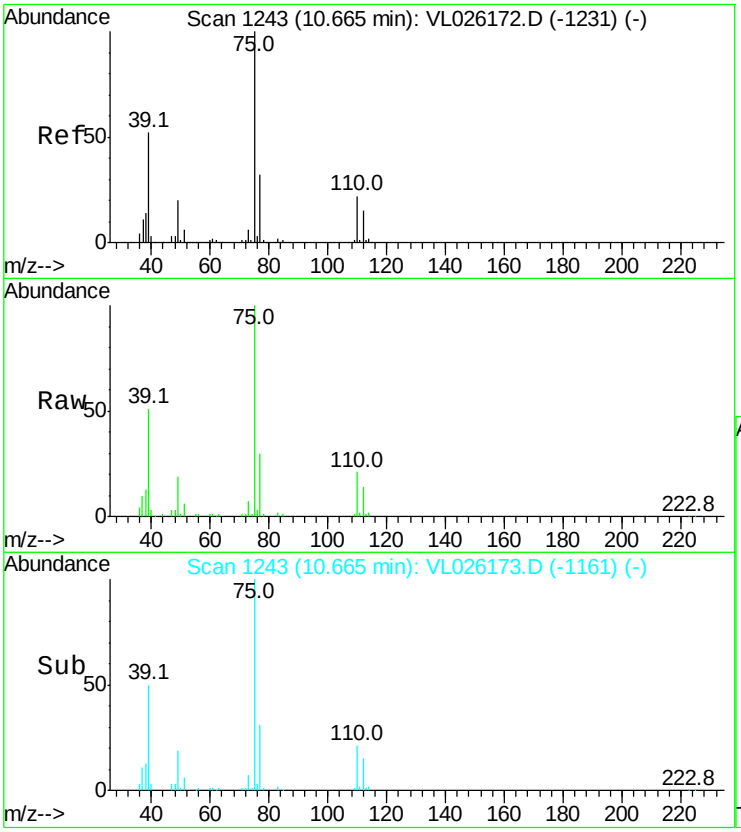


#44
2,2,4-Trimethylpentane
Concen: 1.96 ppbv
RT: 9.10 min Scan# 986
Delta R.T. 0.00 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Tgt Ion: 57 Resp: 889722

Ion	Ratio	Lower	Upper
57	100		
41	28.9	23.7	35.5
56	32.7	26.4	39.6



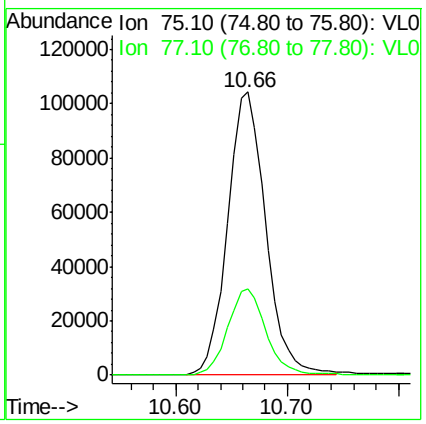


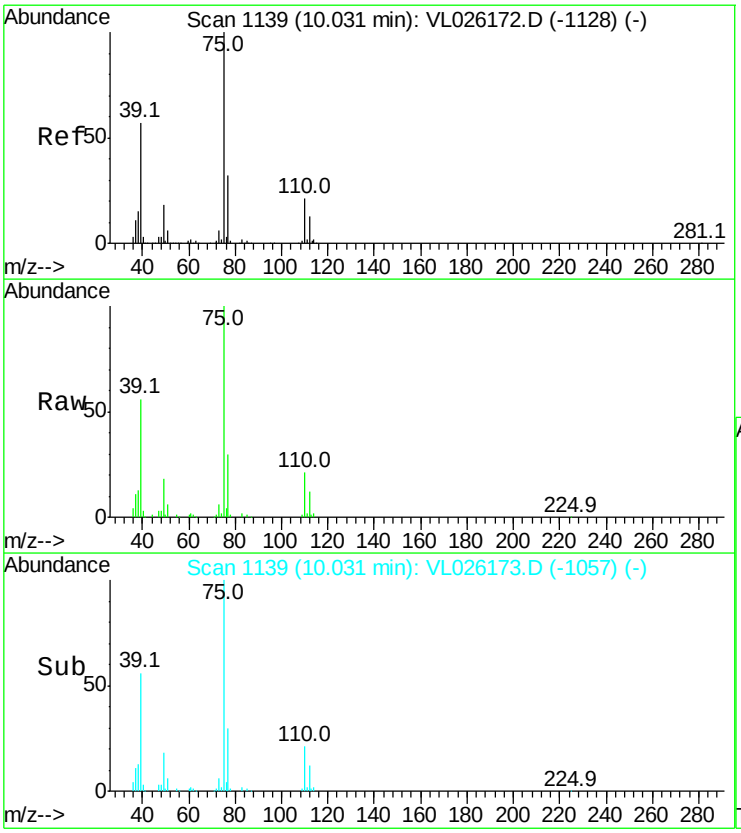
#45
t-1,3-Dichloropropene
Concen: 1.99 ppbv
RT: 10.66 min Scan# 1243
Delta R.T. 0.00 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 75 Resp: 248120

Ion	Ratio	Lower	Upper
75	100		
77	30.4	25.5	38.3

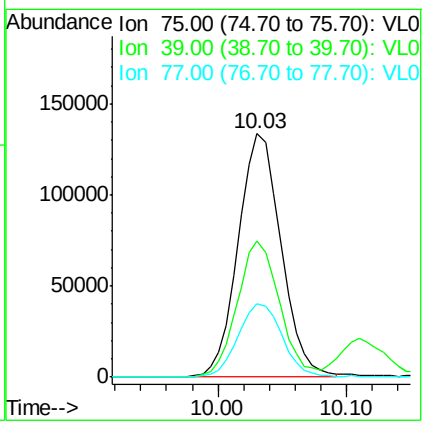


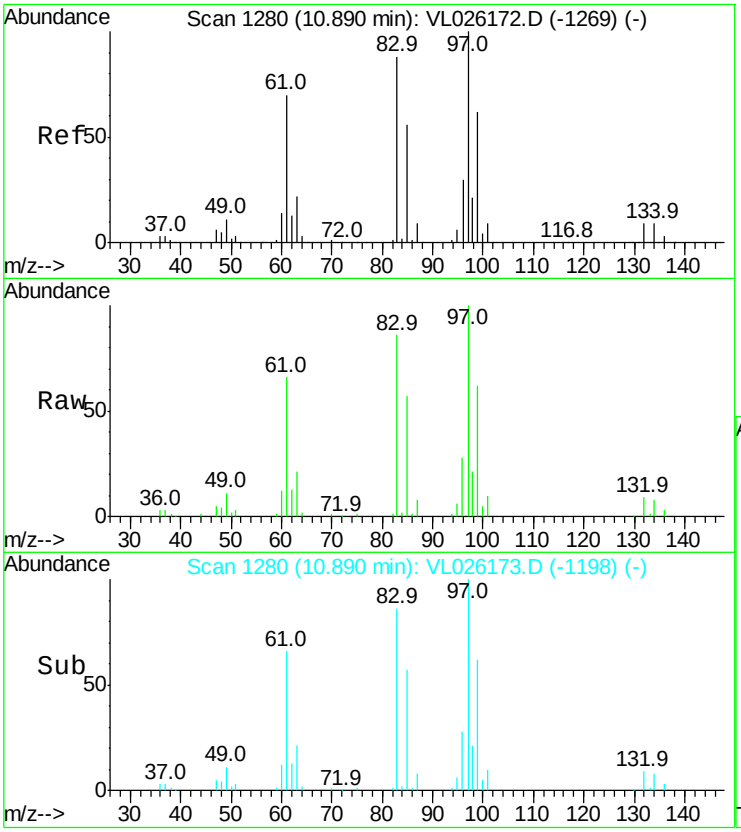


#46
cis-1,3-Dichloropropene
Concen: 1.99 ppbv
RT: 10.03 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Tgt Ion: 75 Resp: 308006

Ion	Ratio	Lower	Upper
75	100		
39	56.1	45.4	68.2
77	29.9	25.4	38.2



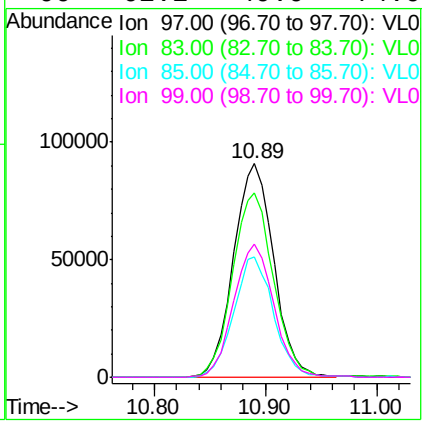


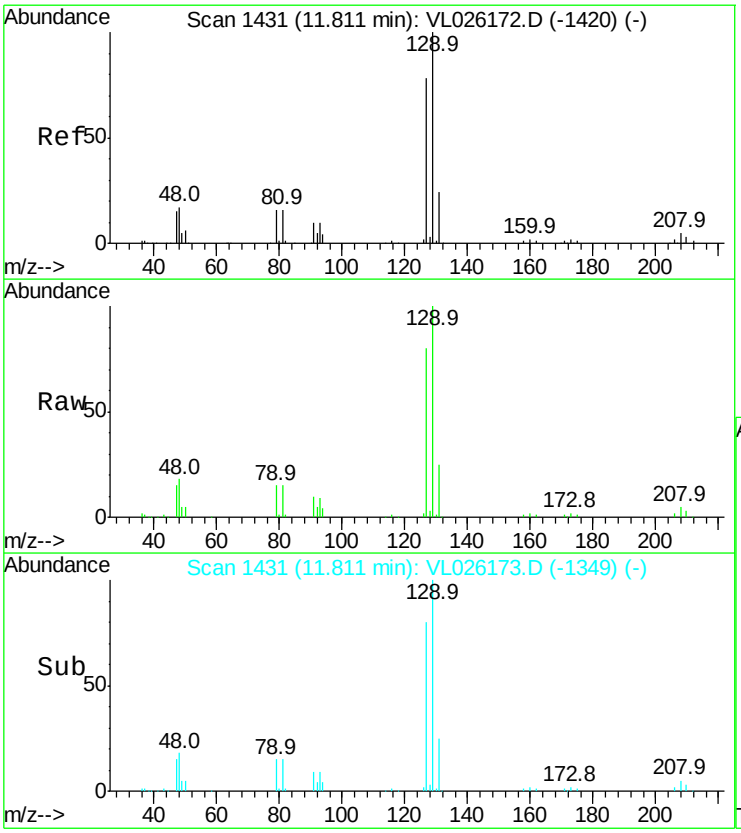
#47
1,1,2-Trichloroethane
Concen: 1.99 ppbv
RT: 10.89 min Scan# 1280
Delta R.T. 0.00 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 97 Resp: 227245

Ion	Ratio	Lower	Upper
97	100		
83	86.2	70.6	106.0
85	56.6	45.1	67.7
99	62.2	49.9	74.9

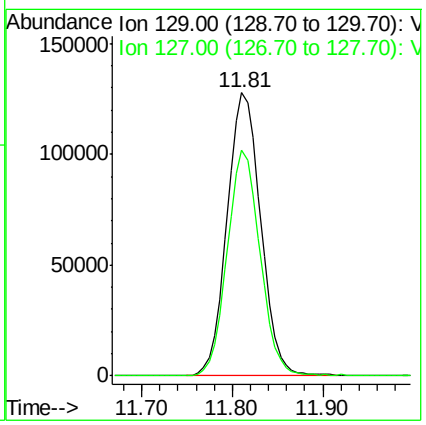


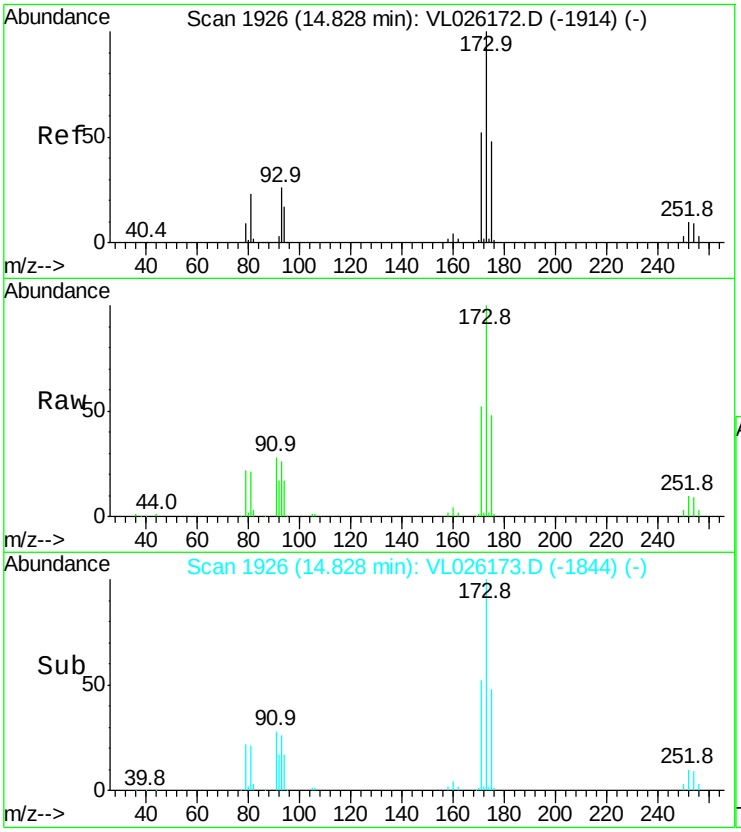


#48
Dibromochloromethane
Concen: 2.13 ppbv
RT: 11.81 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Tgt Ion:129 Resp: 329959

Ion	Ratio	Lower	Upper
129	100		
127	77.8	39.0	117.0



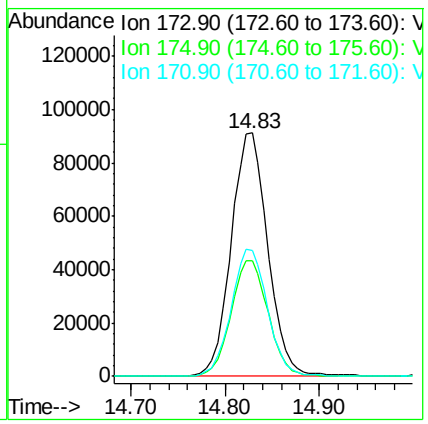


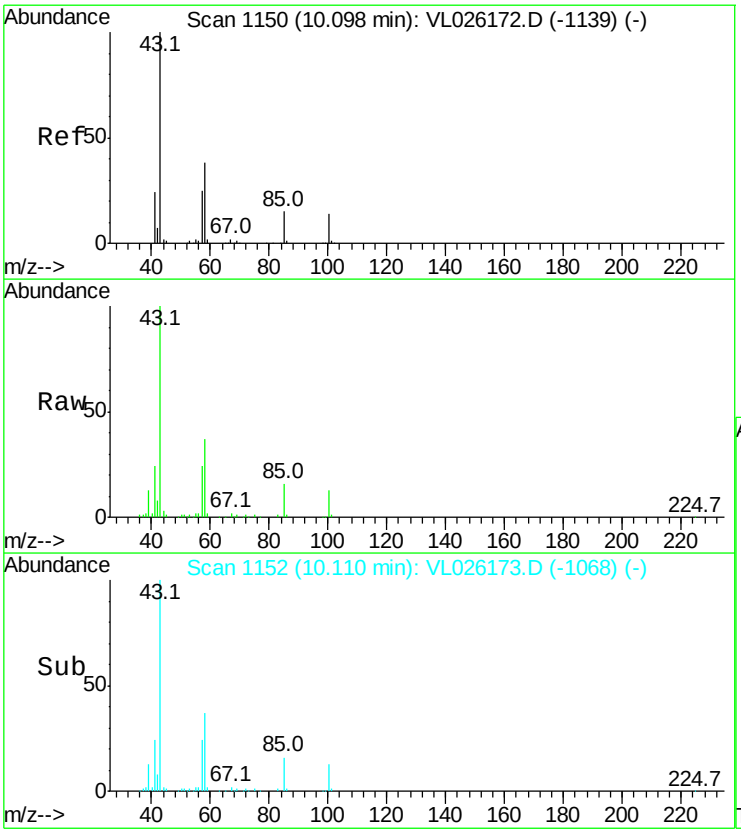
#49
Bromoform
Concen: 2.16 ppbv
RT: 14.83 min Scan# 1926
Delta R.T. 0.00 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:173 Resp: 247386

Ion	Ratio	Lower	Upper
173	100		
175	48.2	39.0	58.6
171	51.8	41.9	62.9

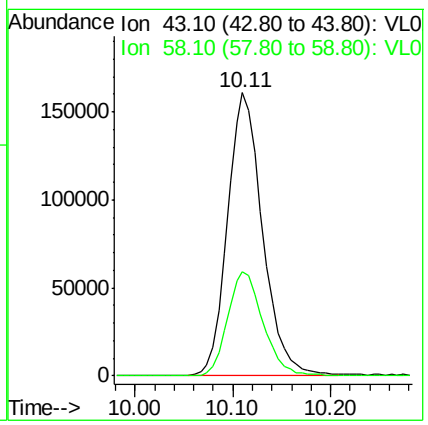


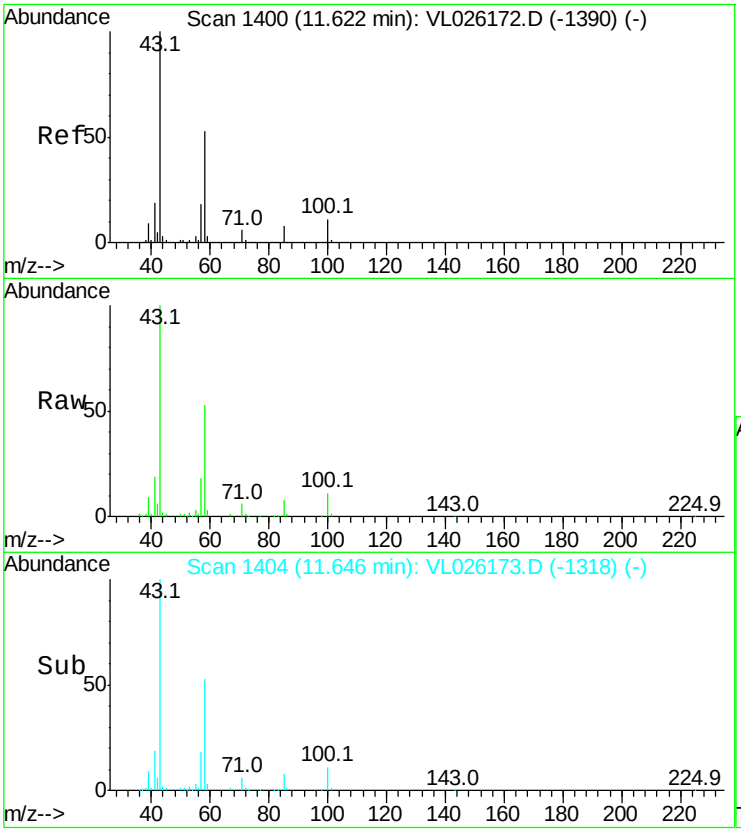


#50
4-Methyl-2-Pentanone
Concen: 1.83 ppbv
RT: 10.11 min Scan# 1152
Delta R.T. 0.01 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Tgt Ion: 43 Resp: 400093

Ion	Ratio	Lower	Upper
43	100		
58	37.2	30.4	45.6



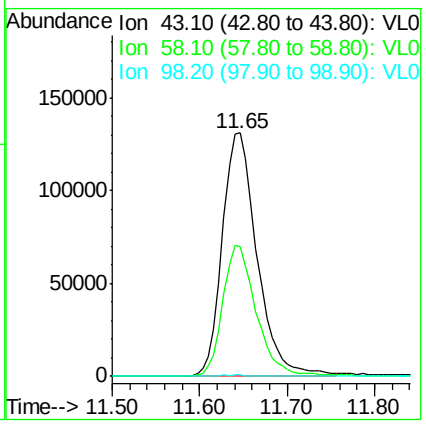


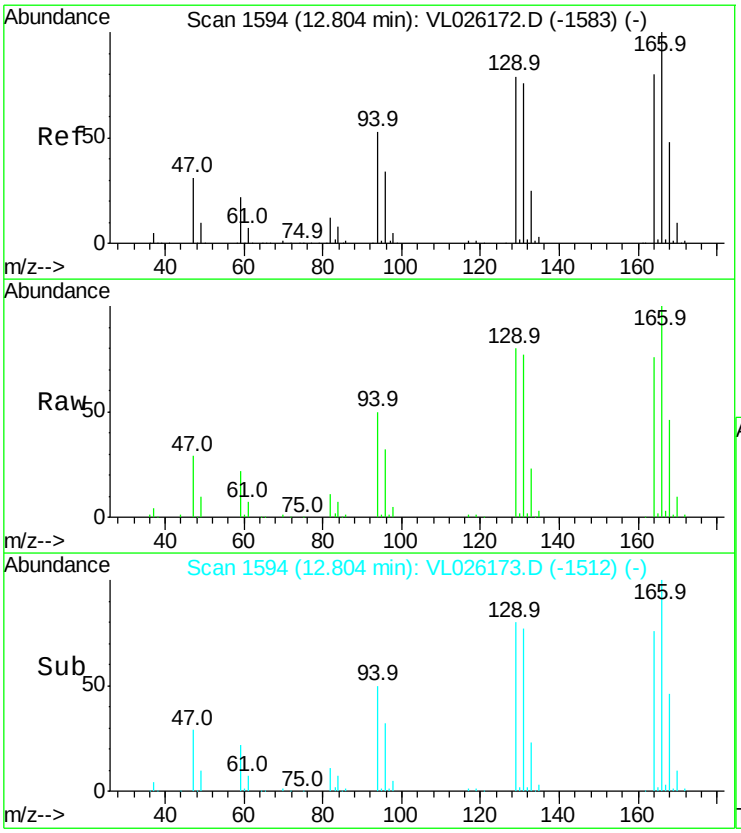
#51
2-Hexanone
Concen: 1.82 ppbv
RT: 11.65 min Scan# 1404
Delta R.T. 0.02 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 363103

Ion	Ratio	Lower	Upper
43	100		
58	51.9	42.2	63.4
98	0.5	0.2	0.2#

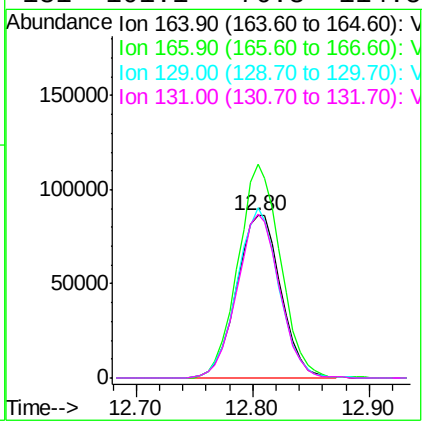


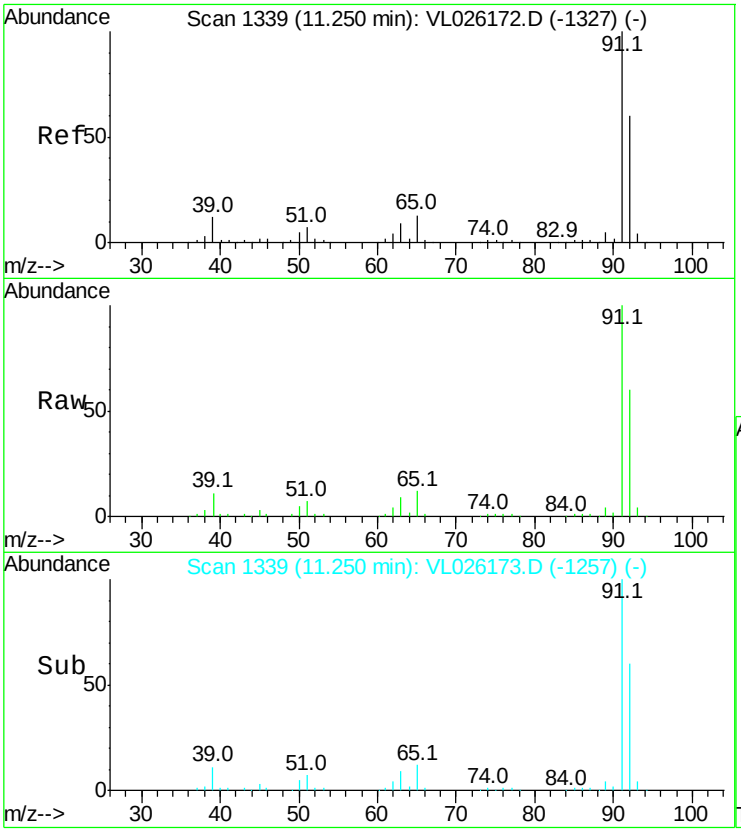


#52
Tetrachloroethene
Concen: 1.87 ppbv
RT: 12.80 min Scan# 1594
Delta R.T. 0.00 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Tgt Ion:164 Resp: 228310

Ion	Ratio	Lower	Upper
164	100		
166	131.5	99.9	149.9
129	104.6	79.1	118.7
131	101.1	76.3	114.5



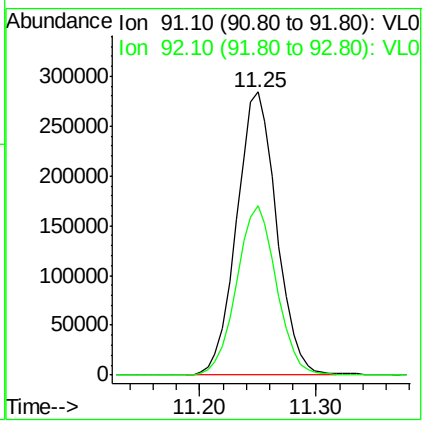


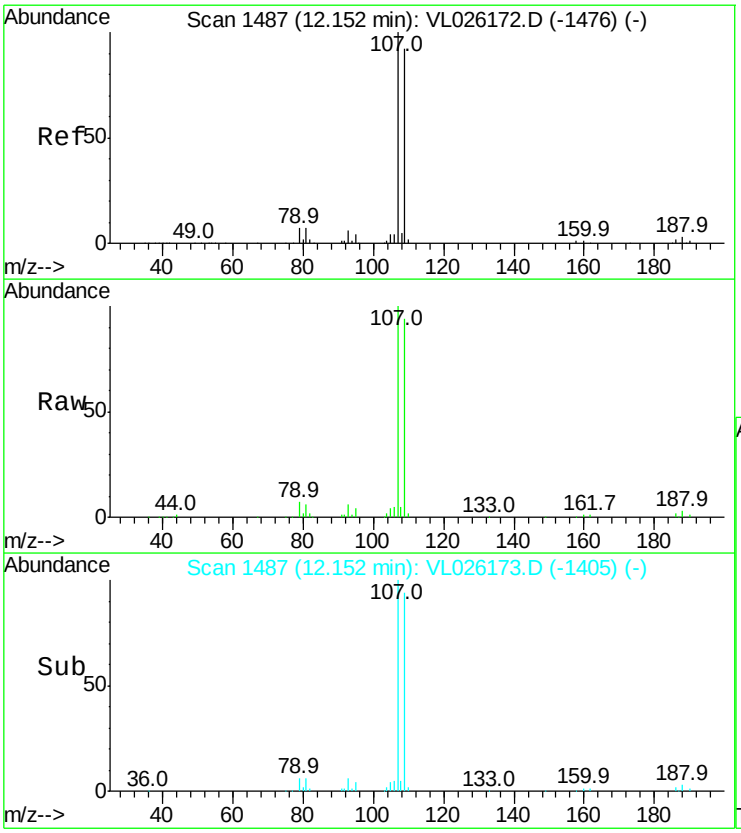
#53
Toluene
Concen: 2.00 ppbv
RT: 11.25 min Scan# 1339
Delta R.T. 0.00 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 91 Resp: 677087

Ion	Ratio	Lower	Upper
91	100		
92	59.9	48.5	72.7

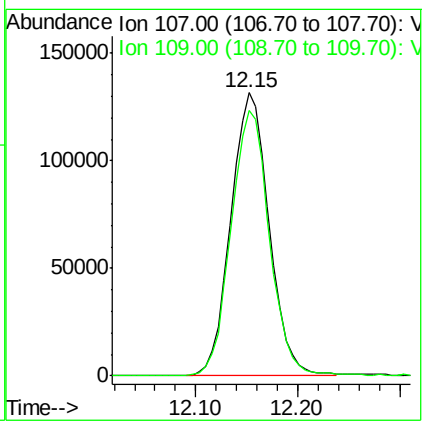


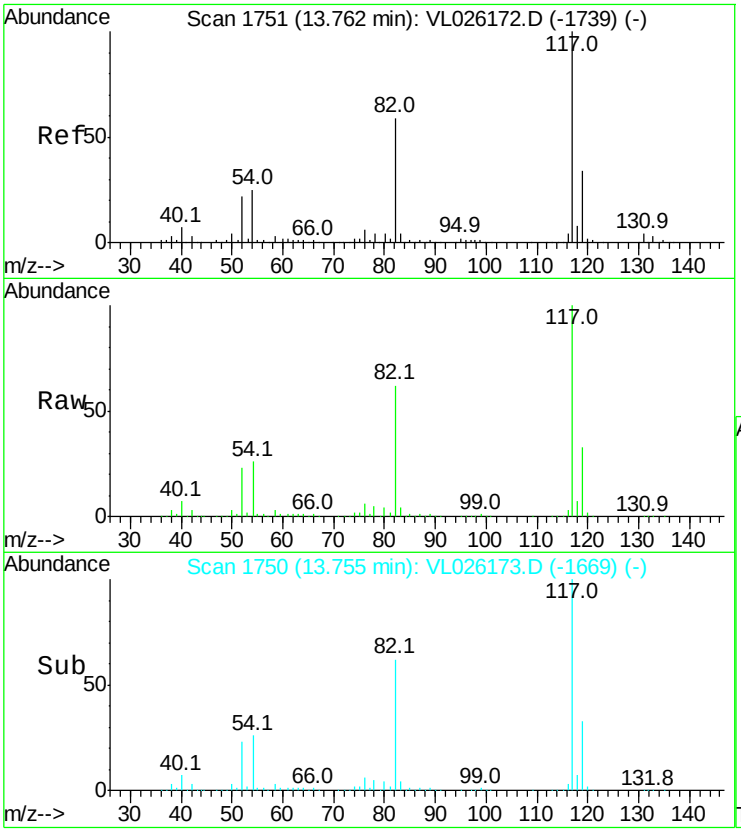


#54
1,2-Dibromoethane
Concen: 2.01 ppbv
RT: 12.15 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Tgt Ion:107 Resp: 342876

Ion	Ratio	Lower	Upper
107	100		
109	93.8	73.2	109.8



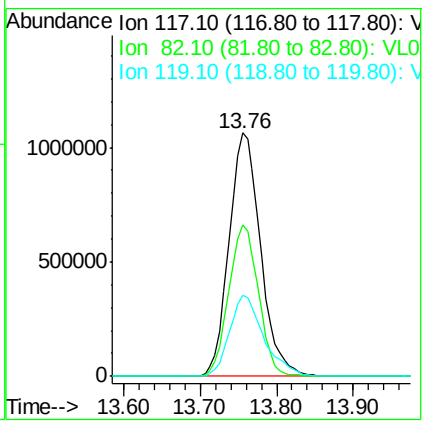


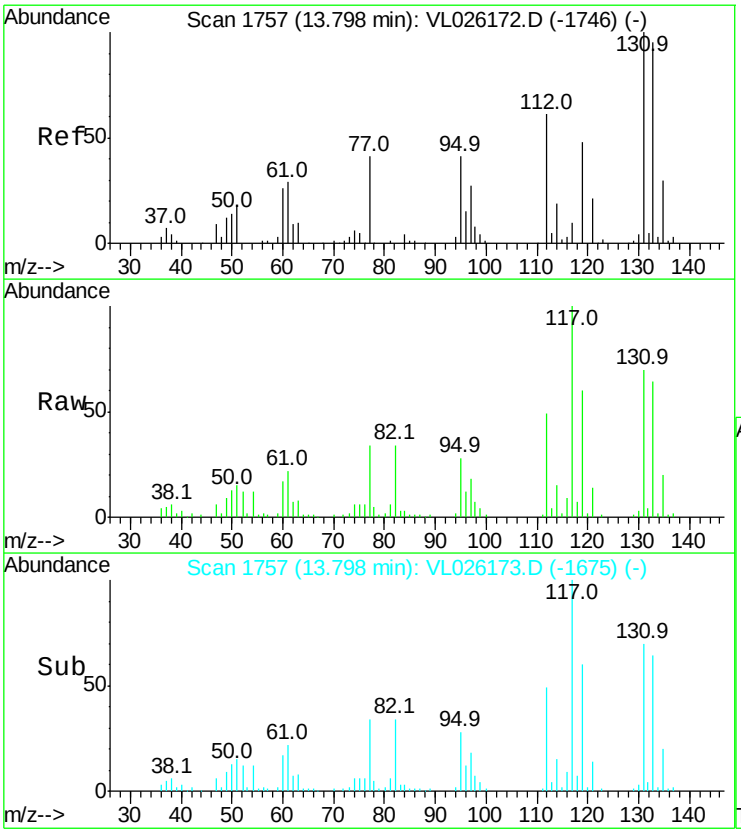
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.76 min Scan# 1750
Delta R.T. -0.01 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:117 Resp: 3044533

Ion	Ratio	Lower	Upper
117	100		
82	58.8	47.7	71.5
119	36.1	43.7	65.5#

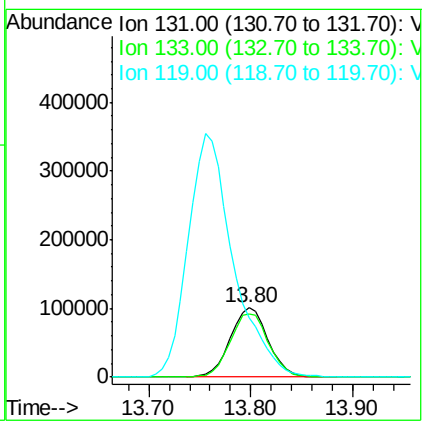


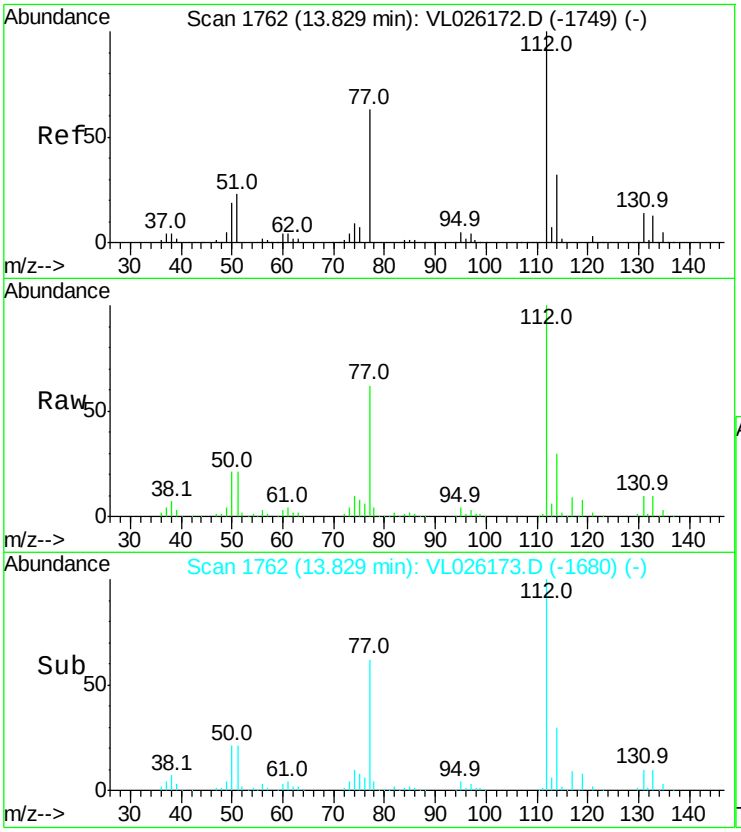


#56
1,1,1,2-Tetrachloroethane
Concen: 2.05 ppbv
RT: 13.80 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Tgt Ion:131 Resp: 258957

Ion	Ratio	Lower	Upper
131	100		
133	94.2	76.5	114.7
119	426.0	116.0	174.0#



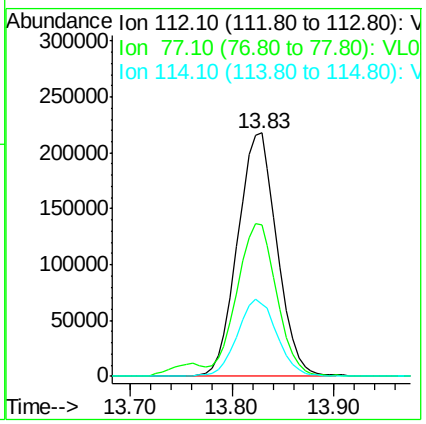


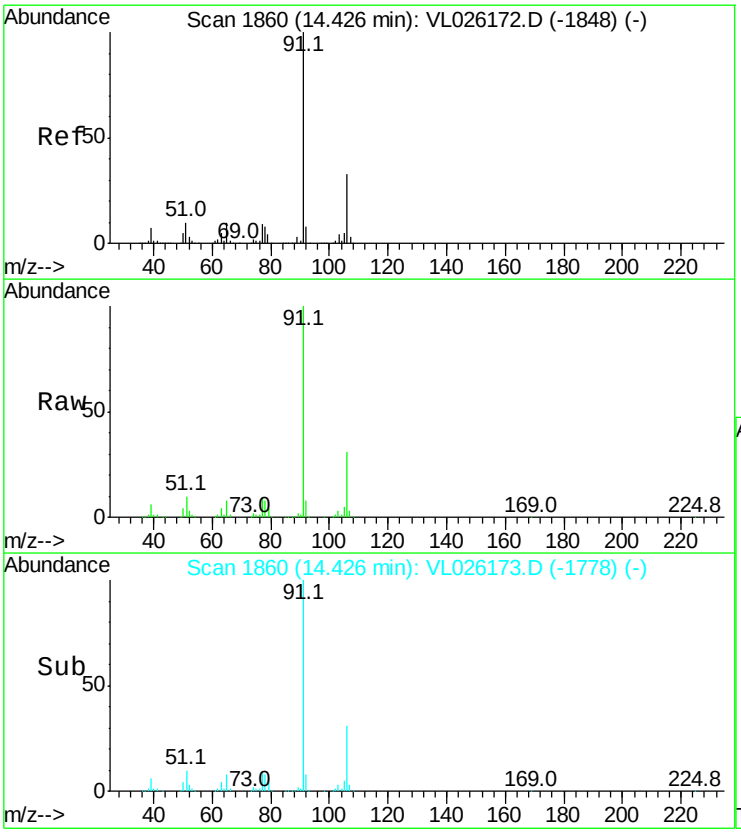
#57
Chlorobenzene
Concen: 1.94 ppbv
RT: 13.83 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:112 Resp: 583801

Ion	Ratio	Lower	Upper
112	100		
77	61.7	51.0	76.4
114	29.5	29.0	35.4

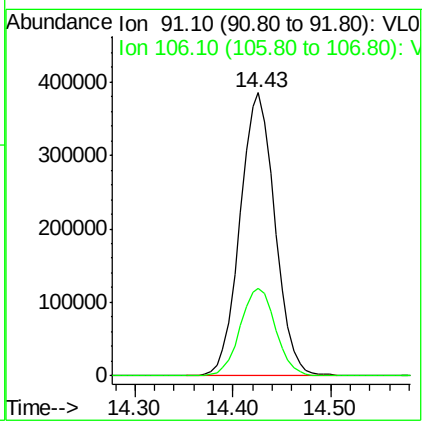


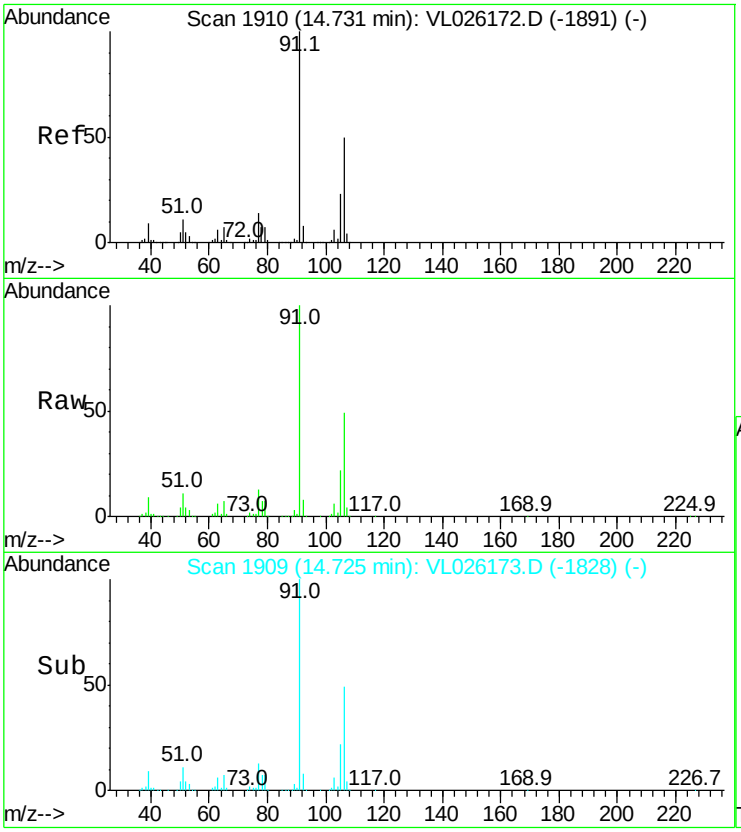


#58
Ethyl Benzene
Concen: 1.89 ppbv
RT: 14.43 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Tgt Ion: 91 Resp: 957180

Ion	Ratio	Lower	Upper
91	100		
106	30.8	26.1	39.1



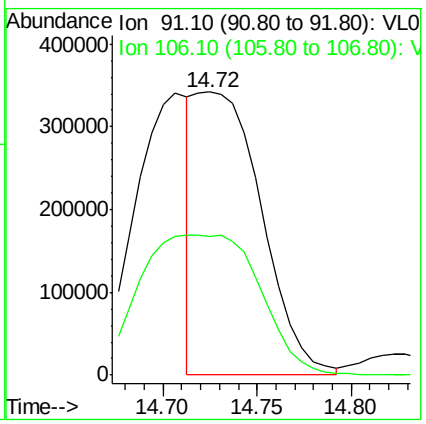


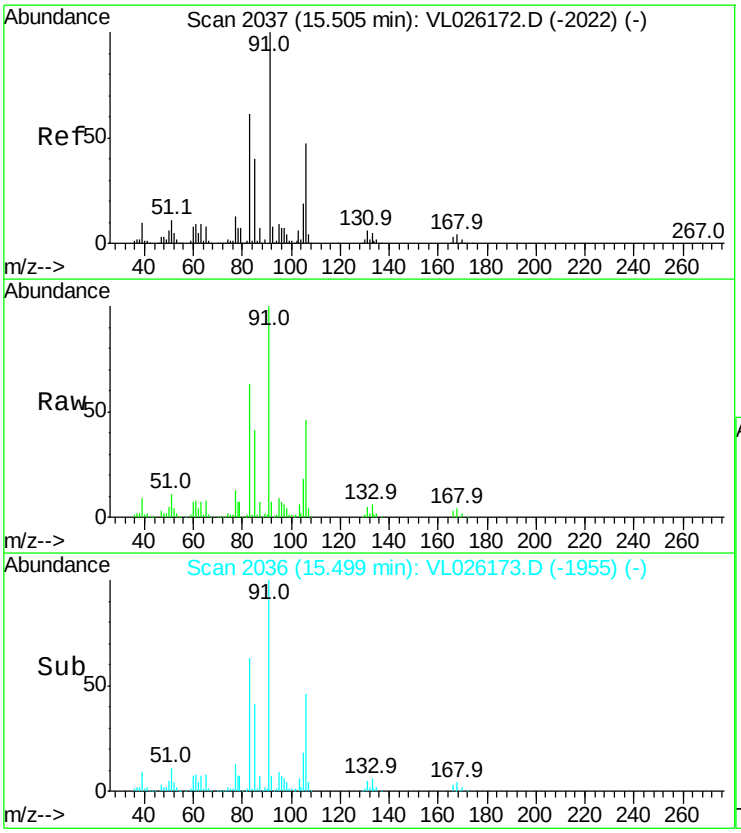
#59
m/p-Xylene
Concen: 2.10 ppbv
RT: 14.72 min Scan# 1909
Delta R.T. -0.01 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 834460

Ion	Ratio	Lower	Upper
91	100		
106	91.0	40.2	60.4#

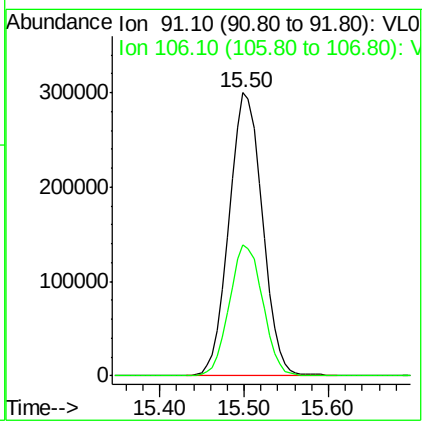


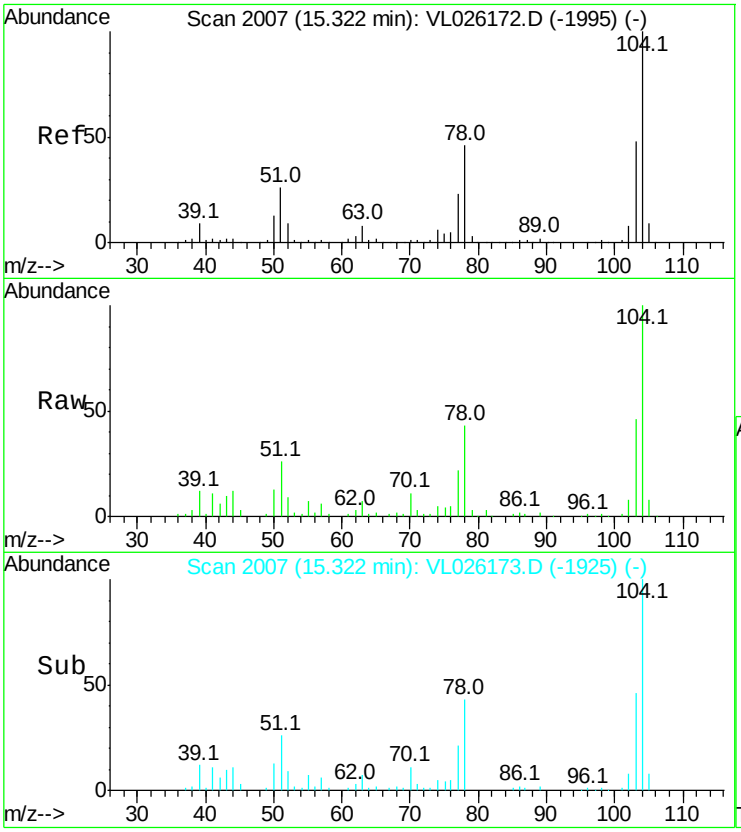


#60
o-Xylene
Concen: 1.95 ppbv
RT: 15.50 min Scan# 2036
Delta R.T. -0.01 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Tgt Ion: 91 Resp: 805056

Ion	Ratio	Lower	Upper
91	100		
106	46.5	23.4	70.3



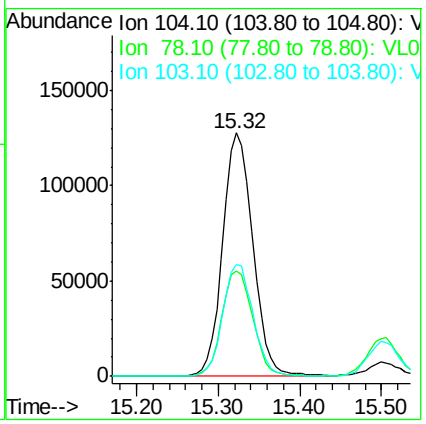


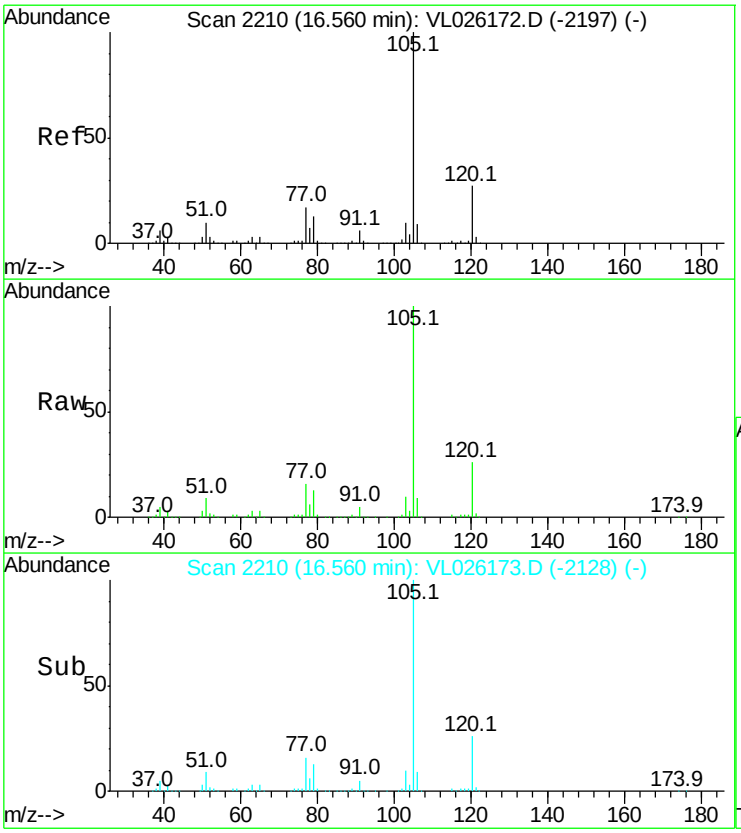
#61
Styrene
Concen: 1.85 ppbv
RT: 15.32 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:104 Resp: 327368

Ion	Ratio	Lower	Upper
104	100		
78	44.7	36.1	54.1
103	46.4	37.5	56.3

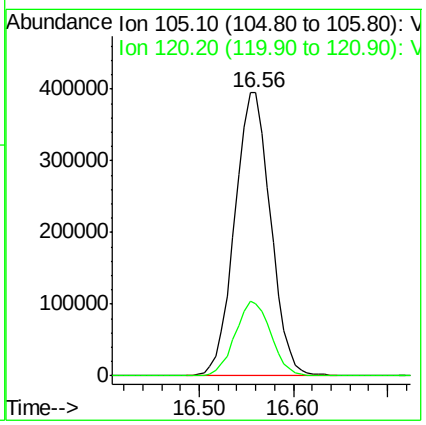


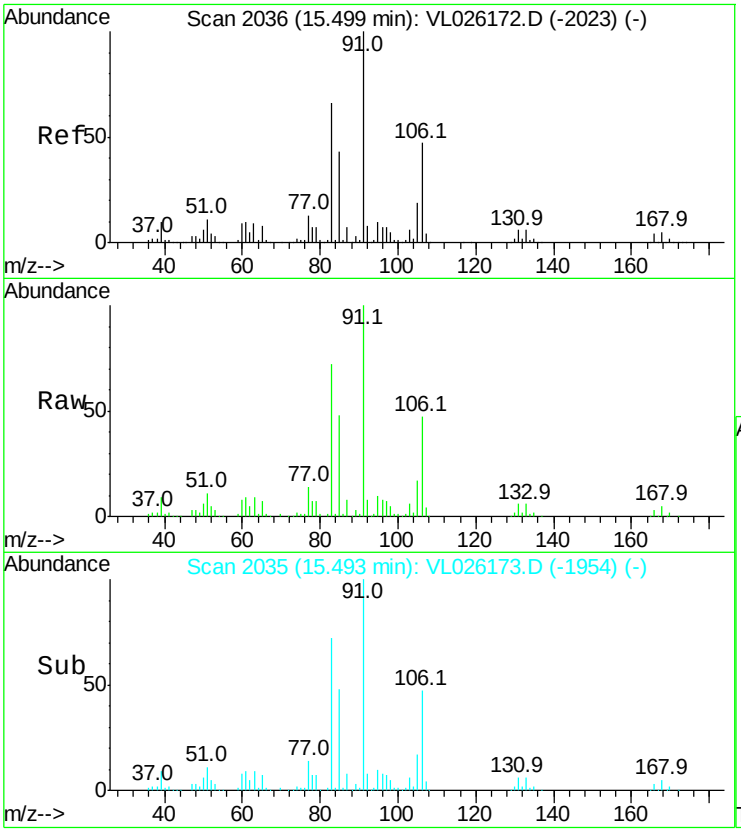


#62
Isopropylbenzene
Concen: 1.93 ppbv
RT: 16.56 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Tgt Ion:105 Resp: 1048271

Ion	Ratio	Lower	Upper
105	100		
120	26.3	21.8	32.6



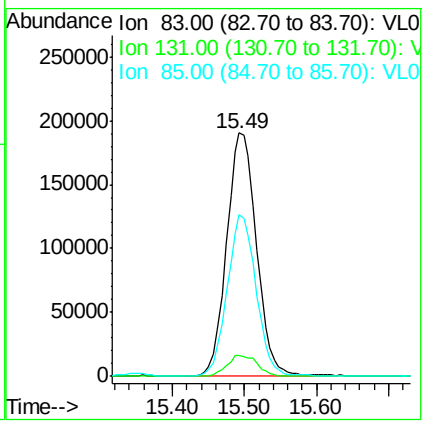


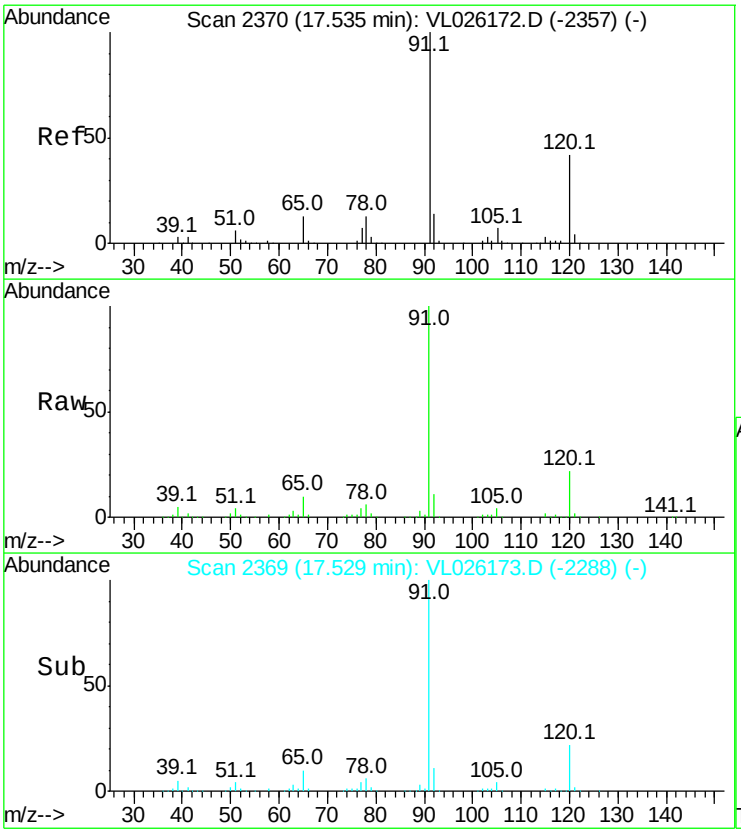
#63
1,1,2,2-Tetrachloroethane
Concen: 1.74 ppbv
RT: 15.49 min Scan# 2035
Delta R.T. -0.01 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 83 Resp: 550765

Ion	Ratio	Lower	Upper
83	100		
131	8.8	4.5	13.7
85	64.6	32.6	97.7

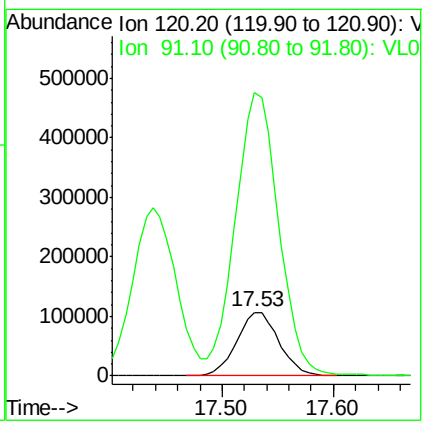


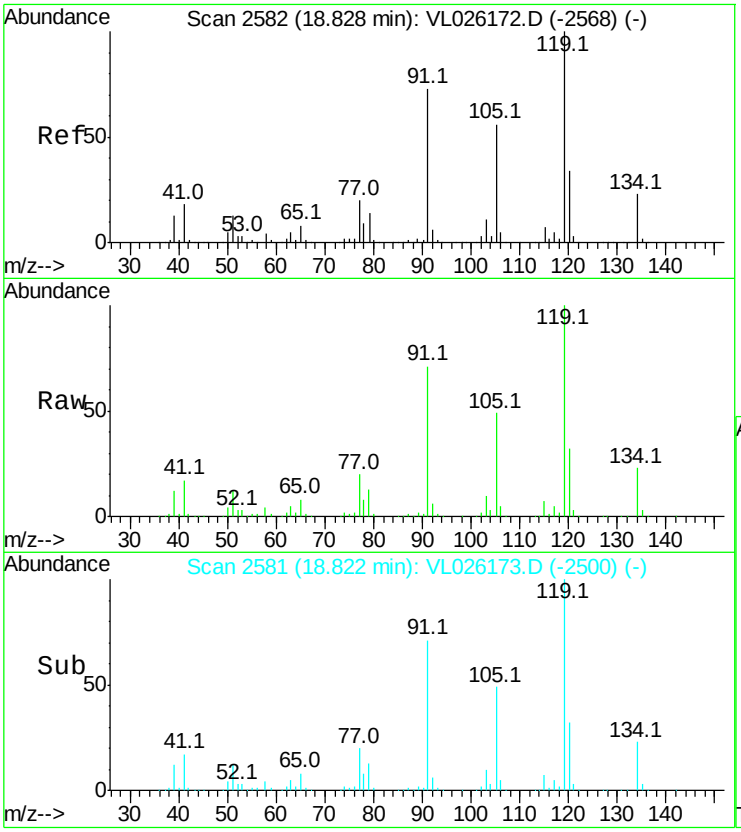


#64
n-propylbenzene
Concen: 1.95 ppbv
RT: 17.53 min Scan# 2369
Delta R.T. -0.01 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Tgt Ion:120 Resp: 282390

Ion	Ratio	Lower	Upper
120	100		
91	454.4	353.4	530.2



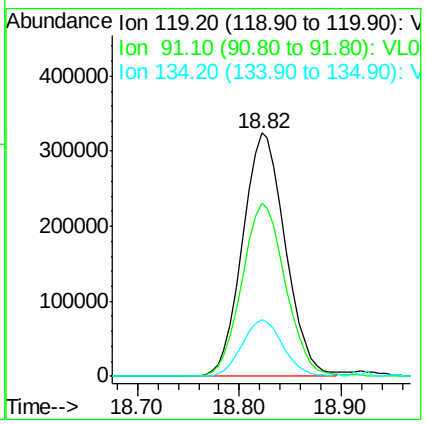


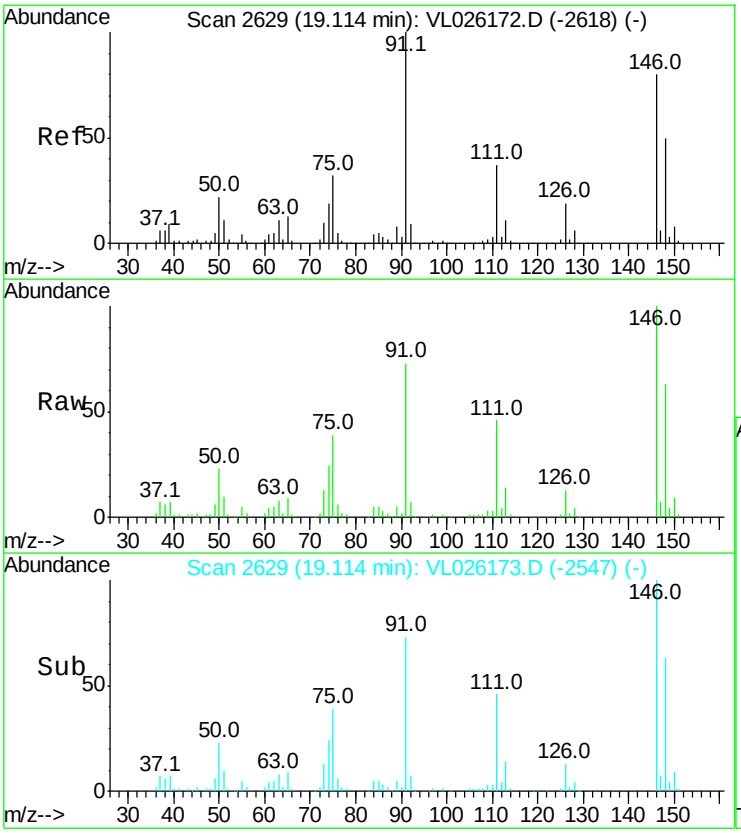
#65
tert-Butylbenzene
Concen: 1.99 ppbv
RT: 18.82 min Scan# 2581
Delta R.T. -0.01 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:119 Resp: 944505

Ion	Ratio	Lower	Upper
119	100		
91	72.5	58.5	87.7
134	22.2	18.0	27.0

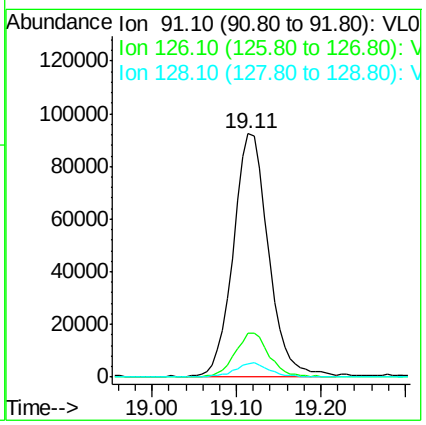


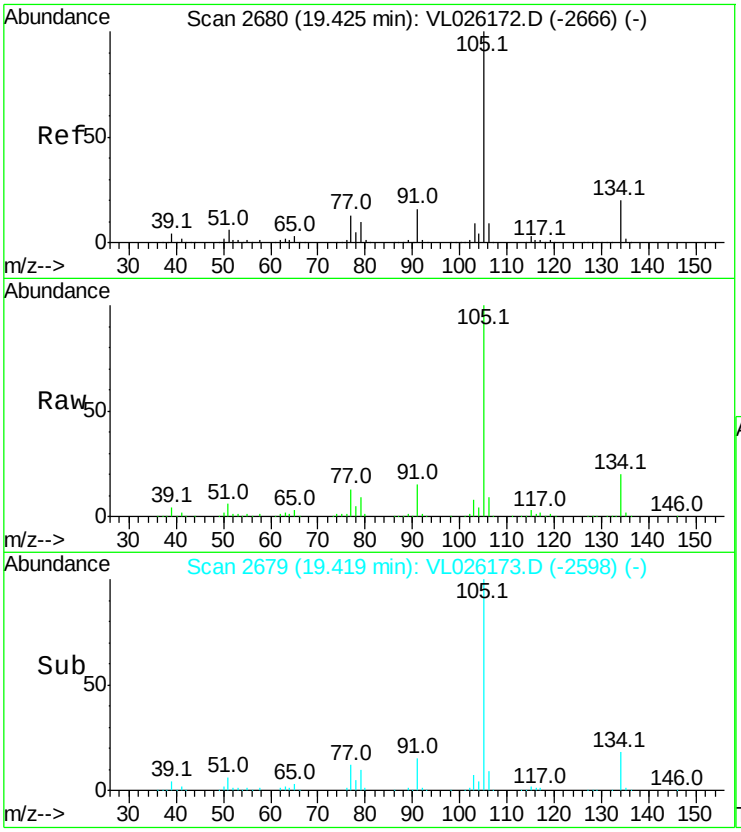


#66
Benzyl Chloride
Concen: 2.03 ppbv
RT: 19.11 min Scan# 2629
Delta R.T. 0.00 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Tgt Ion: 91 Resp: 262388

Ion	Ratio	Lower	Upper
91	100		
126	17.4	15.2	22.8
128	5.6	4.8	7.2



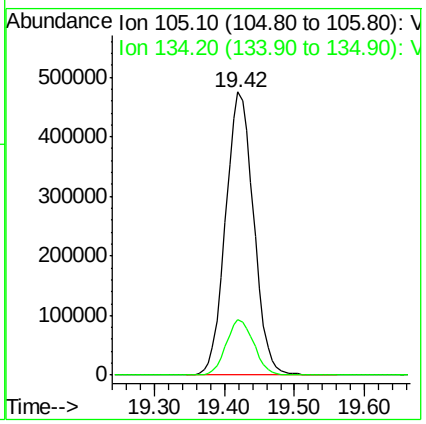


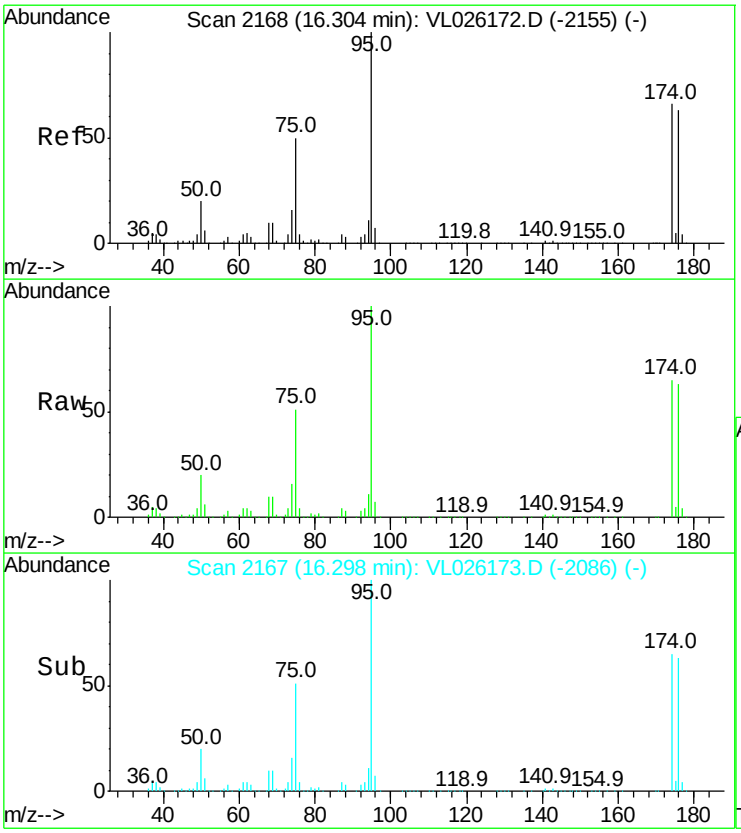
#67
sec-Butylbenzene
Concen: 1.97 ppbv
RT: 19.42 min Scan# 2679
Delta R.T. -0.01 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:105 Resp: 1322404

Ion	Ratio	Lower	Upper
105	100		
134	19.4	15.9	23.9

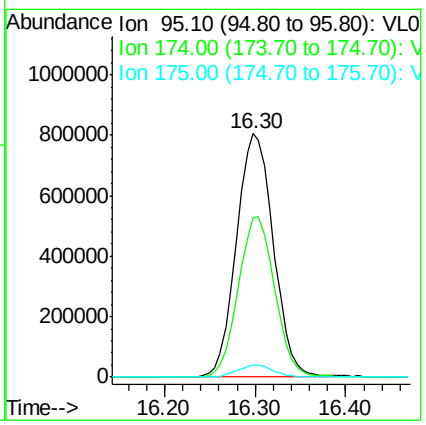


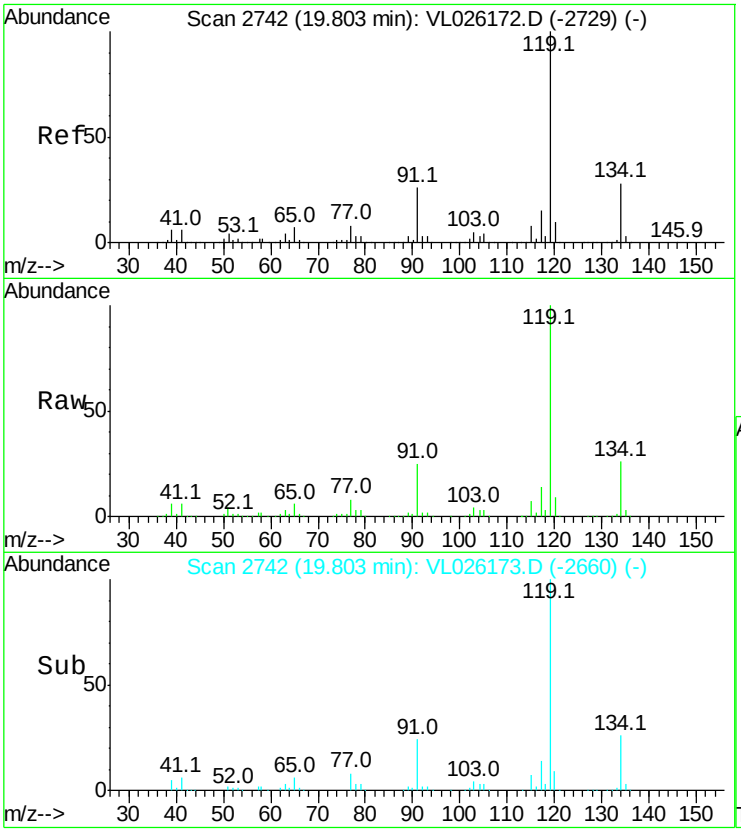


#68
1-Bromo-4-Fluorobenzene
Concen: 10.15 ppbv
RT: 16.30 min Scan# 2167
Delta R.T. -0.01 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Tgt Ion: 95 Resp: 2282136

Ion	Ratio	Lower	Upper
95	100		
174	65.6	52.2	78.4
175	4.8	3.9	5.9



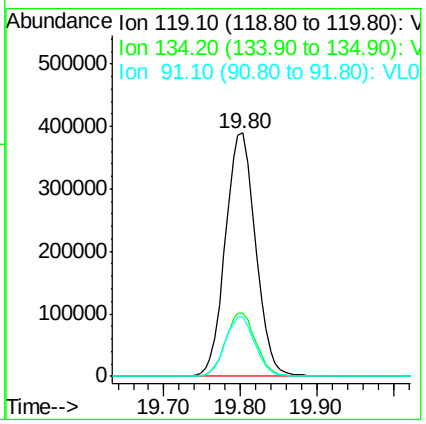


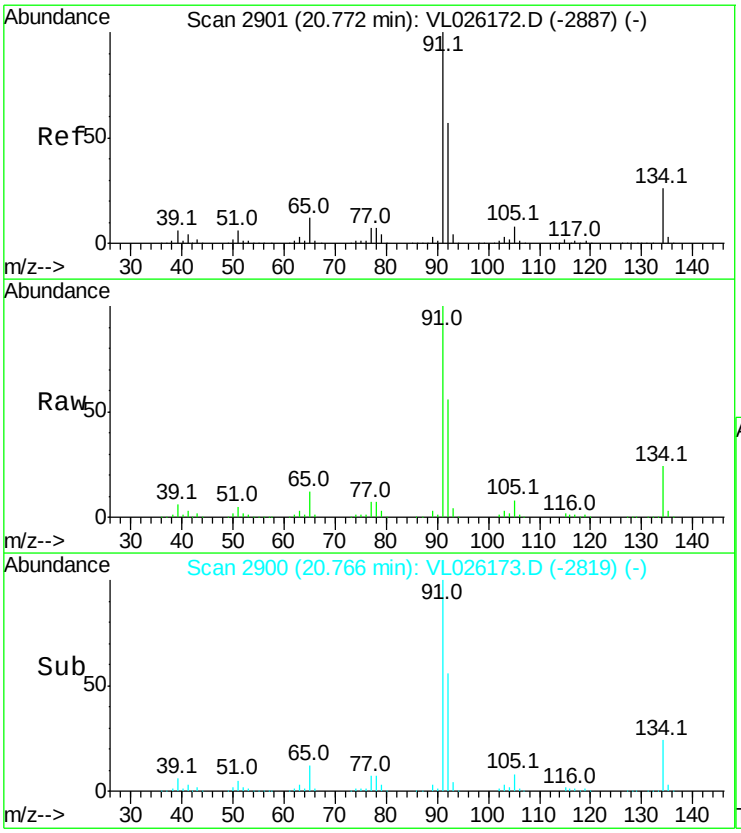
#69
p-Isopropyltoluene
Concen: 1.97 ppbv
RT: 19.80 min Scan# 2742
Delta R.T. 0.00 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:119 Resp: 1068314

Ion	Ratio	Lower	Upper
119	100		
134	26.0	21.4	32.0
91	24.6	19.9	29.9

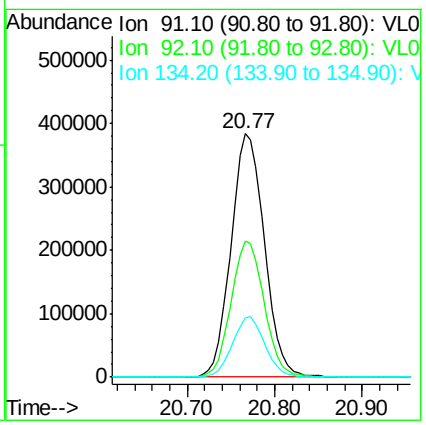


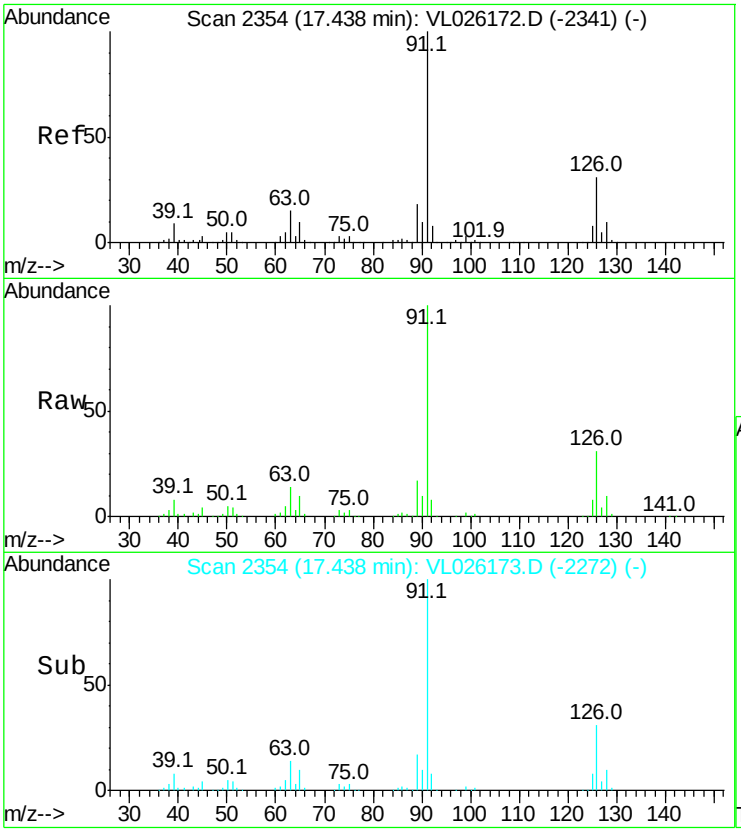


#70
n-Butylbenzene
Concen: 1.88 ppbv
RT: 20.77 min Scan# 2900
Delta R.T. -0.01 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Tgt Ion: 91 Resp: 1018573

Ion	Ratio	Lower	Upper
91	100		
92	55.3	45.0	67.6
134	24.3	19.8	29.8



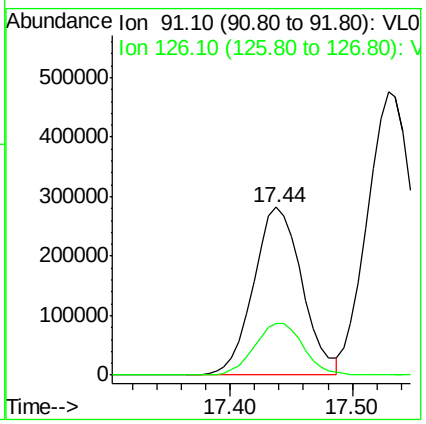


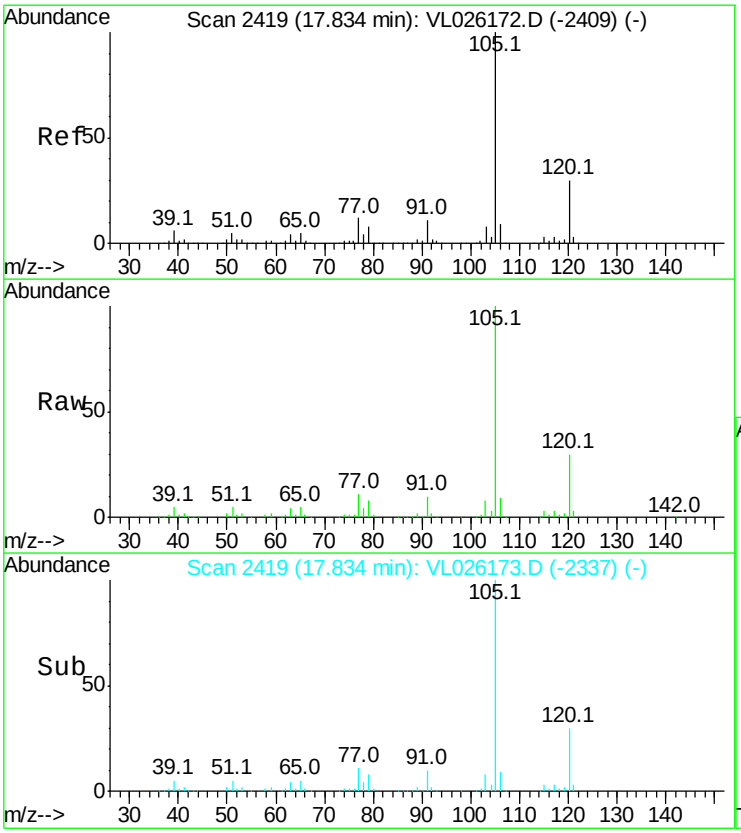
#71
2-Chlorotoluene
Concen: 1.89 ppbv
RT: 17.44 min Scan# 2354
Delta R.T. 0.00 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 91 Resp: 780227

Ion	Ratio	Lower	Upper
91	100		
126	31.5	12.8	51.2

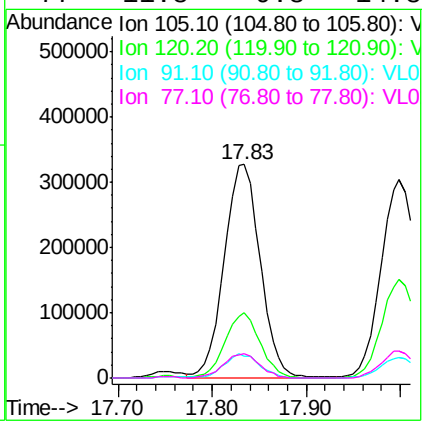


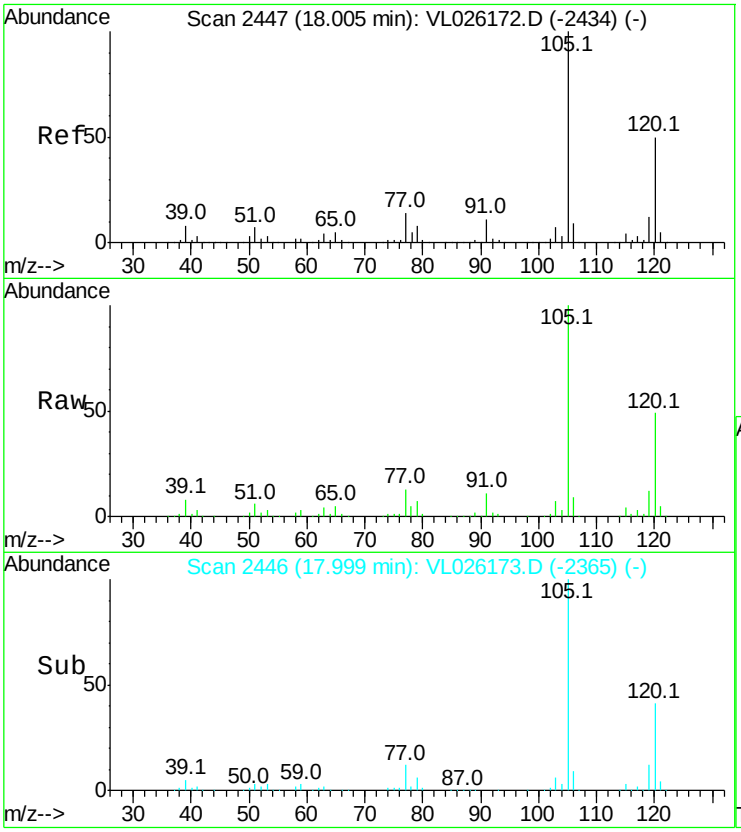


#72
4-Ethyltoluene
Concen: 1.93 ppbv
RT: 17.83 min Scan# 2419
Delta R.T. 0.00 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Tgt Ion:105 Resp: 868132

Ion	Ratio	Lower	Upper
105	100		
120	30.7	24.7	37.1
91	11.8	9.2	13.8
77	11.8	9.8	14.8



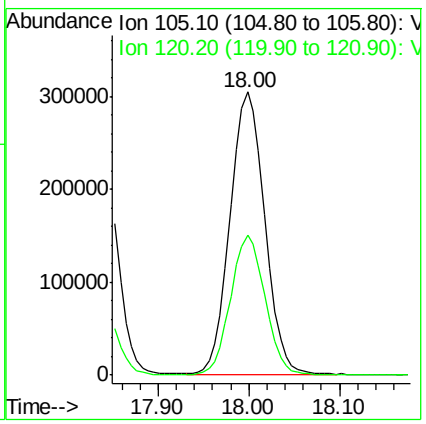


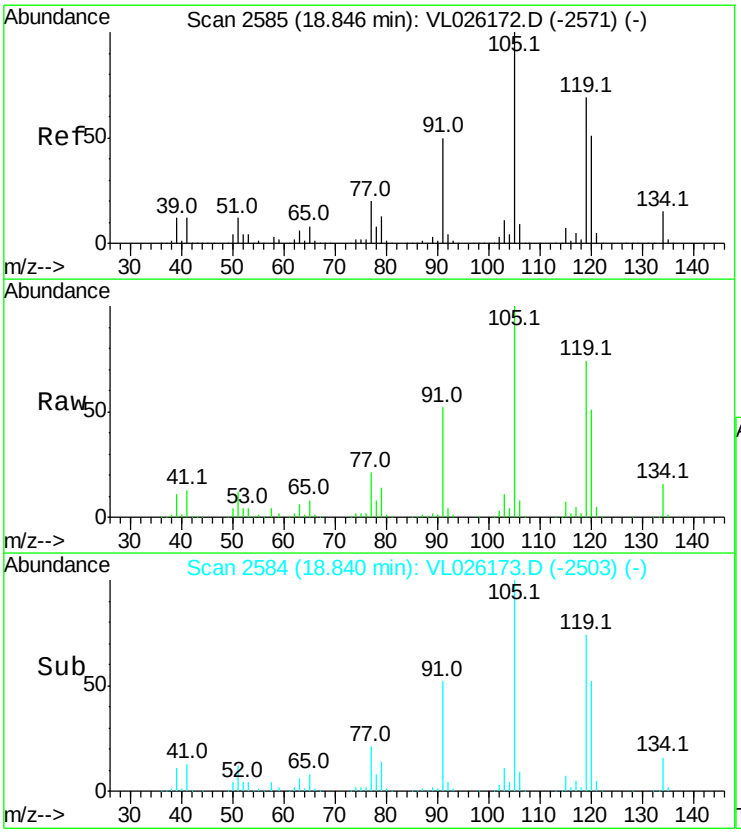
#73
1,3,5-Trimethylbenzene
Concen: 1.93 ppbv
RT: 18.00 min Scan# 2446
Delta R.T. -0.01 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:105 Resp: 807703

Ion	Ratio	Lower	Upper
105	100		
120	49.5	40.1	60.1

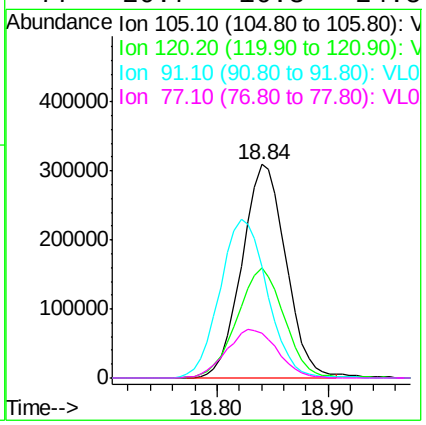


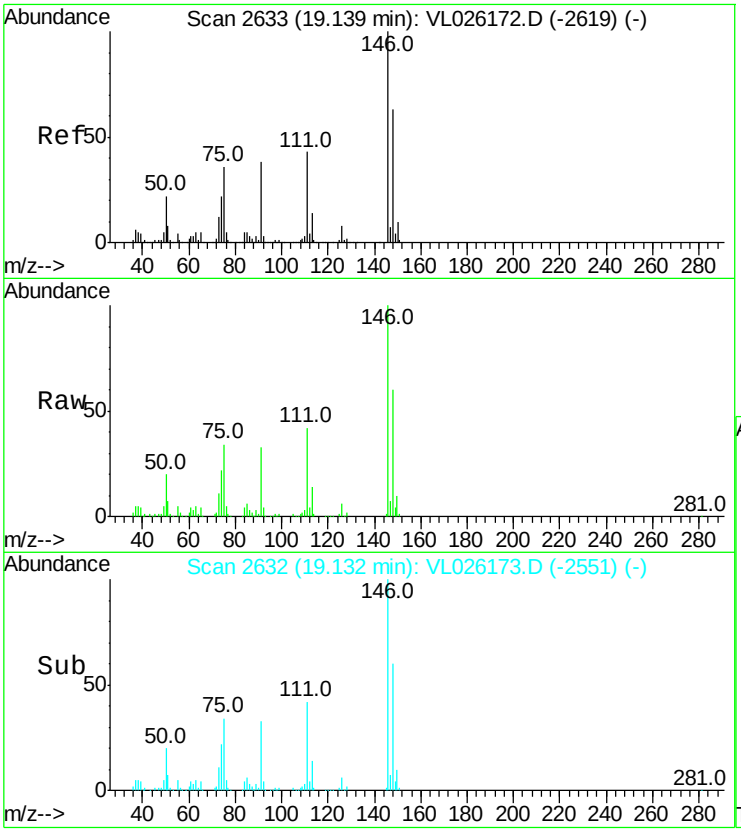


#74
1,2,4-Trimethylbenzene
Concen: 1.94 ppbv
RT: 18.84 min Scan# 2584
Delta R.T. -0.01 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Tgt Ion:105 Resp: 850704

Ion	Ratio	Lower	Upper
105	100		
120	51.1	41.1	61.7
91	51.5	39.8	59.6
77	20.7	16.3	24.5



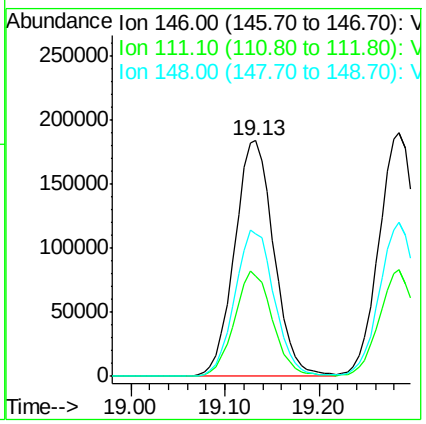


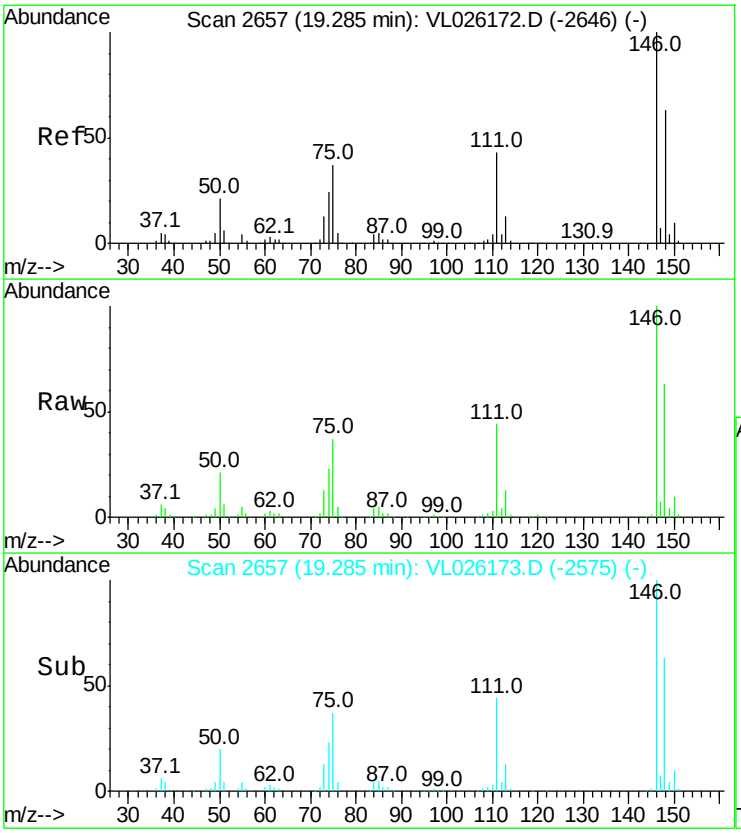
#75
1,3-Dichlorobenzene
Concen: 1.97 ppbv
RT: 19.13 min Scan# 2632
Delta R.T. -0.01 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:146 Resp: 536680

Ion	Ratio	Lower	Upper
146	100		
111	43.5	22.1	66.3
148	62.4	31.9	95.5

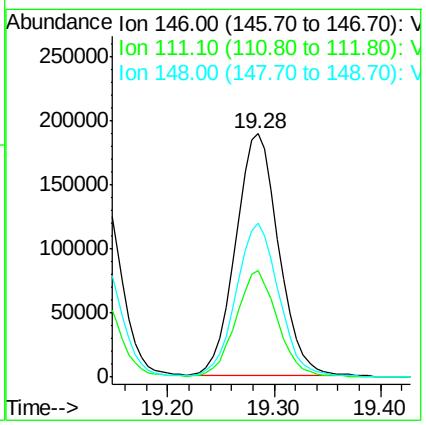


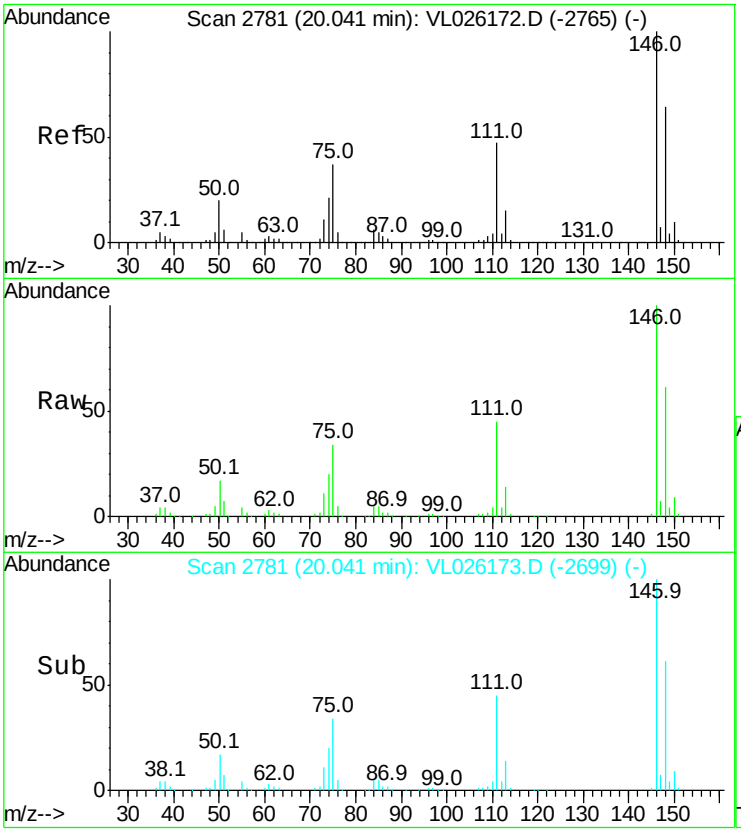


#76
1,4-Dichlorobenzene
Concen: 1.91 ppbv
RT: 19.28 min Scan# 2657
Delta R.T. 0.00 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Tgt Ion:146 Resp: 534204

Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.3	63.9
148	64.3	31.6	94.8



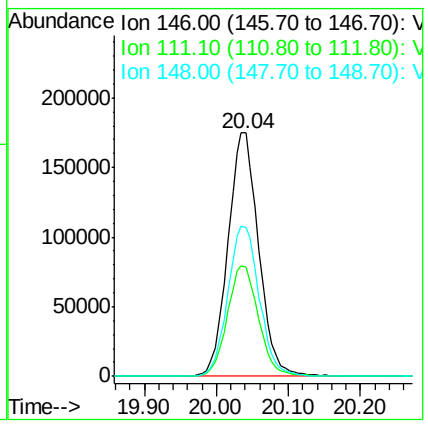


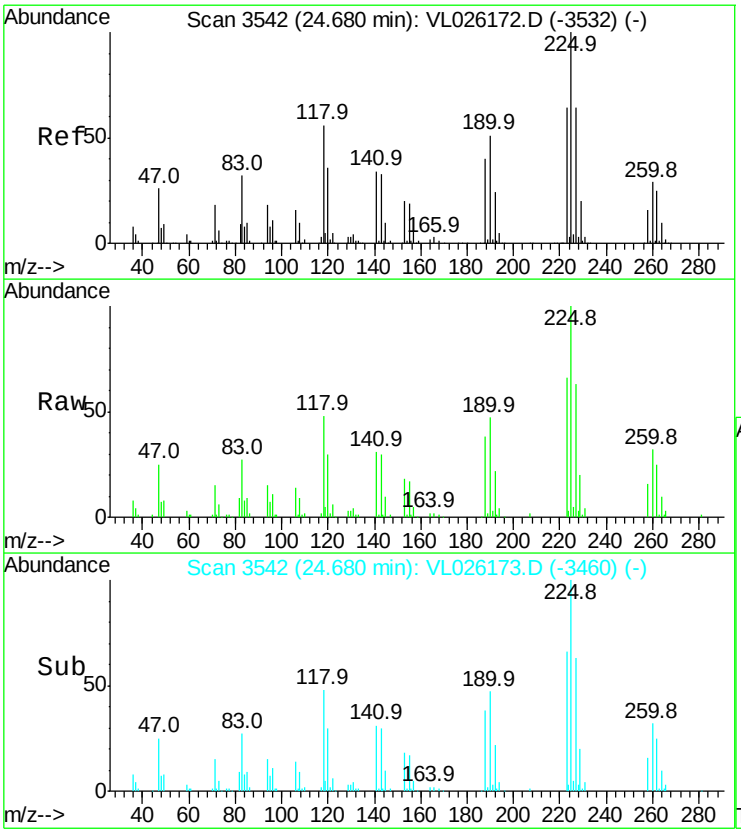
#77
1,2-Dichlorobenzene
Concen: 1.90 ppbv
RT: 20.04 min Scan# 2781
Delta R.T. 0.00 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:146 Resp: 517782

Ion	Ratio	Lower	Upper
146	100		
111	45.9	23.0	69.0
148	63.3	31.8	95.3

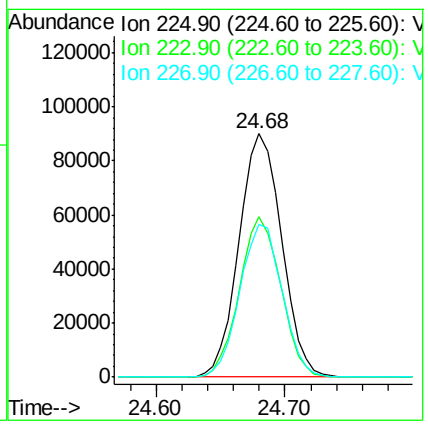


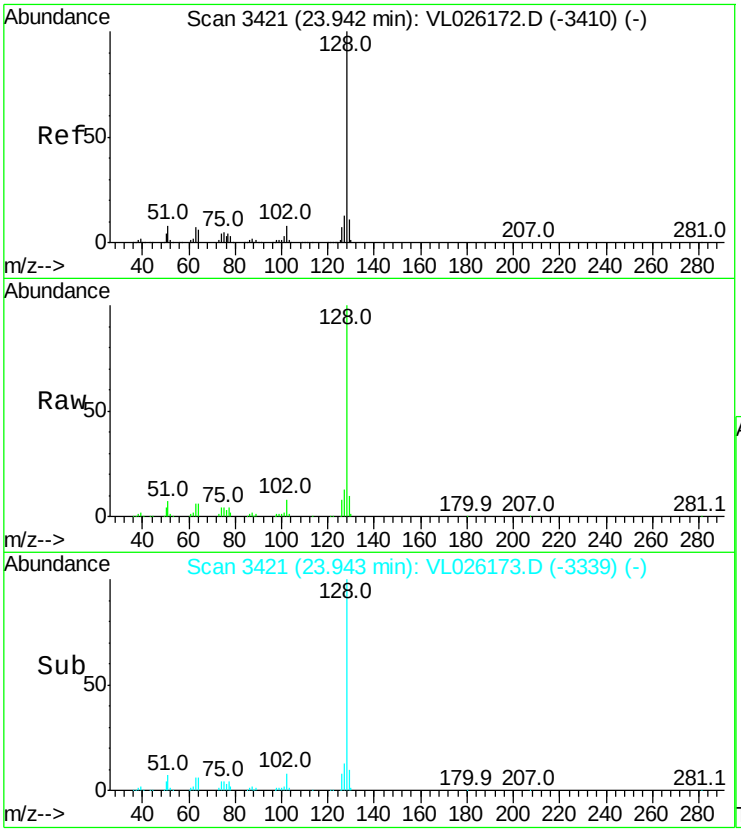


#78
Hexachloro-1,3-Butadiene
Concen: 1.90 ppbv
RT: 24.68 min Scan# 3542
Delta R.T. 0.00 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Tgt Ion:225 Resp: 207228

Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.1	76.7
227	62.0	50.8	76.2



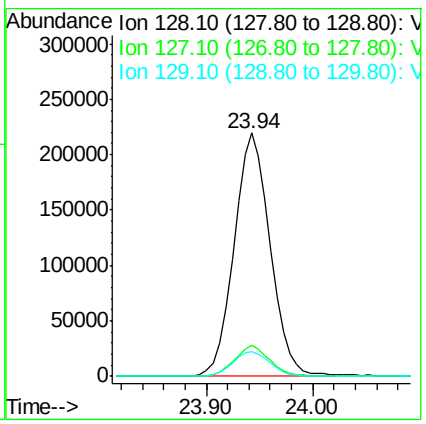


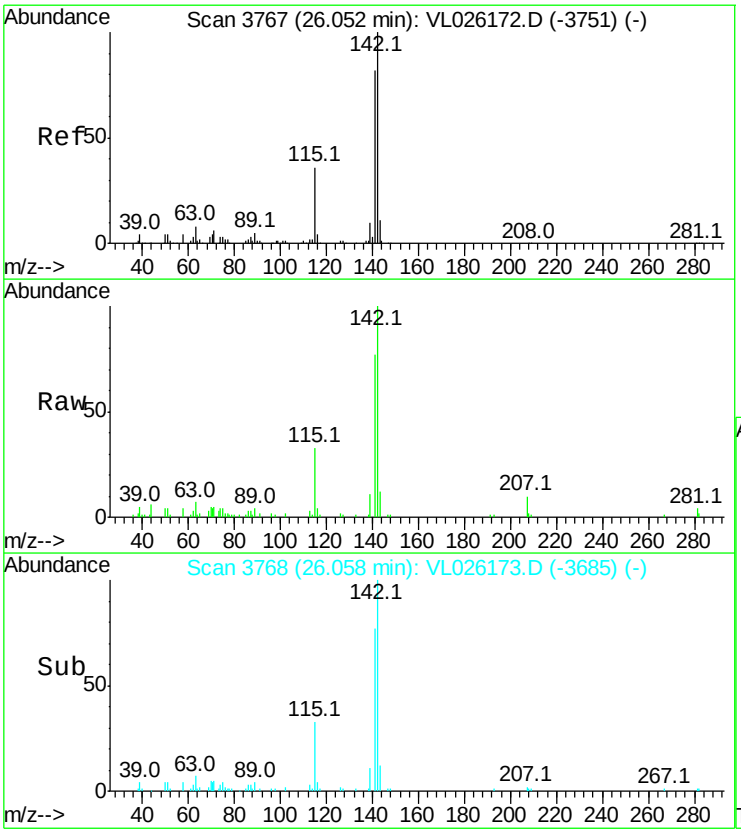
#79
Naphthalene
Concen: 1.53 ppbv
RT: 23.94 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:128 Resp: 521753

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.4	8.7	13.1

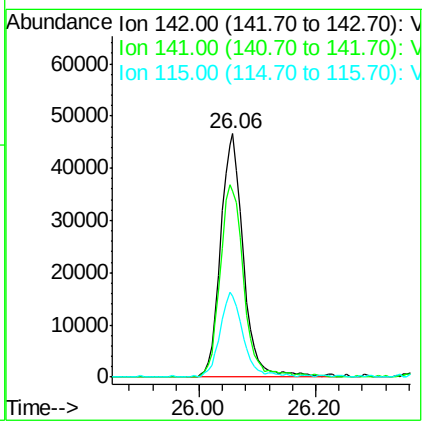


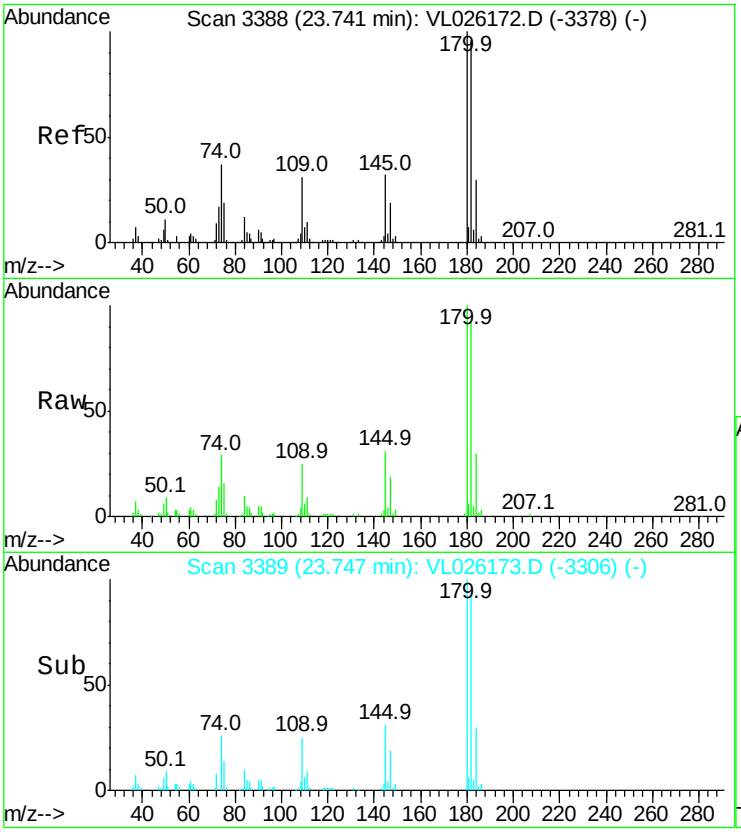


#80
Naphthalene,2-methyl-
Concen: 1.58 ppbv
RT: 26.06 min Scan# 3768
Delta R.T. 0.01 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Tgt Ion:142 Resp: 126237

Ion	Ratio	Lower	Upper
142	100		
141	81.2	66.6	99.8
115	36.0	28.4	42.6





#81
1,2,4-Trichlorobenzene
Concen: 1.56 ppbv
RT: 23.75 min Scan# 3389
Delta R.T. 0.01 min
Lab File: VL026173.D
Acq: 9 Oct 2015 11:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:180 Resp: 256470

Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.4	114.6
184	29.8	24.0	36.0