Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\Data\VL102015\
Data File : VL026207.D
Acq On : 20 Oct 2015 11:16
Operator : SY/MD
Sample : VSTDICC002
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Oct 20 12:44:19 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL102015AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Oct 20 12:43:06 2015
QLast Update : Tue Oct 20 12:43:06 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	6.62	49	638533	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	8.29	114	1857860	10.00	ppbv		-0.01
55) Chlorobenzene-d5	13.71	117	2261578	10.00	ppbv		-0.01
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	16.25	95	1697755	9.77	ppbv		-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.62	85	271403	2.13	ppbv		98
3) Chlorodifluoromethane	3.55	51	174782	2.30	ppbv		96
4) Chloromethane	3.73	50	90539	2.13	ppbv		99
5) Vinyl Chloride	3.87	62	93646	2.18	ppbv		96
6) Bromomethane	4.12	94	66461	2.12	ppbv		93
7) Chloroethane	4.22	64	39917	2.12	ppbv		97
8) Dichlorotetrafluoroethane	3.79	85	234442	2.19	ppbv		100
9) Propene	3.58	41	79497	2.30	ppbv		99
10) Heptane	9.32	43	252868	2.09	ppbv		99
11) Trichlorofluoromethane	4.67	101	255975	2.11	ppbv		97
12) 1,1,2-Trichlorotrifluoroet	5.28	101	175681	2.13	ppbv		99
13) Ethanol	4.31	45	6219	1.12	ppbv	#	45
14) Bromoethene	4.43	108	76712	2.25	ppbv		99
15) Acetone	4.59	43	193930	2.26	ppbv	#	83
16) 1,3-Butadiene	3.95	39	85107	2.18	ppbv		100
17) tert-Butyl alcohol	5.11	59	122108	2.34	ppbv		99
18) 1,1-Dichloroethene	5.06	96	77840	2.07	ppbv		98
19) Isopropyl Alcohol	4.74	45	75740	2.20	ppbv	#	49
20) Methylene Chloride	5.12	84	75206	2.07	ppbv		98
21) Allyl Chloride	5.20	41	121362	2.17	ppbv		99
22) trans-1,2-Dichloroethene	5.74	96	103649	2.18	ppbv		97
23) Vinyl Acetate	5.96	43	349794	2.28	ppbv		97
24) 1,1-Dichloroethane	5.89	63	224573	2.21	ppbv		99
25) Ethyl Acetate	6.65	43	369352	2.27	ppbv		100
26) Hexane	6.63	57	185834	2.33	ppbv		97
27) Carbon Disulfide	5.37	76	225926	2.32	ppbv		98
28) Methyl tert-Butyl Ether	5.93	73	323553	2.48	ppbv		99
29) Chloroform	6.71	83	258530	2.21	ppbv		98
30) Cyclohexane	8.25	84	178180	2.34	ppbv		92
31) cis-1,2-Dichloroethene	6.49	61	163704	2.28	ppbv		99
32) 1,1,1-Trichloroethane	7.57	97	273735	2.43	ppbv		98
34) 2-Butanone	6.18	43	227896	2.22	ppbv		100
35) Carbon Tetrachloride	8.13	117	278889	2.34	ppbv		98
36) Benzene	7.99	78	402182	2.25	ppbv		100
37) 1,2-Dichloroethane	7.34	62	195657	2.06	ppbv		99
38) Trichloroethene	9.03	130	175160	2.13	ppbv		98
39) 1,2-Dichloropropane	8.79	63	140204	2.13	ppbv		98
40) 1,4-Dioxane	9.12	88	25871	2.11	ppbv	#	1
41) Tetrahydrofuran	7.10	42	133377	2.32	ppbv		99
42) Bromodichloromethane	8.99	83	294673	2.32	ppbv		100
43) Methyl Methacrylate	9.23	69	143567	2.29	ppbv		97

Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\Data\VL102015\
Data File : VL026207.D
Acq On : 20 Oct 2015 11:16
Operator : SY/MD
Sample : VSTDICC002
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Oct 20 12:44:19 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL102015AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Oct 20 12:43:06 2015
QLast Update : Tue Oct 20 12:43:06 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	9.06	57	653827	2.21	ppbv		98
45) t-1,3-Dichloropropene	10.62	75	223833	2.56	ppbv		99
46) cis-1,3-Dichloropropene	9.99	75	260593	2.43	ppbv		99
47) 1,1,2-Trichloroethane	10.84	97	175128	2.20	ppbv		98
48) Dibromochloromethane	11.76	129	287015	2.51	ppbv		100
49) Bromoform	14.77	173	244303	2.78	ppbv		99
50) 4-Methyl-2-Pentanone	10.06	43	290810	2.14	ppbv		99
51) 2-Hexanone	11.59	43	273003	2.25	ppbv	#	99
52) Tetrachloroethene	12.76	164	191813	2.17	ppbv		98
53) Toluene	11.20	91	546783	2.37	ppbv		99
54) 1,2-Dibromoethane	12.10	107	272099	2.28	ppbv		99
56) 1,1,1,2-Tetrachloroethane	13.75	131	215526	2.34	ppbv	#	1
57) Chlorobenzene	13.77	112	465780	2.26	ppbv		99
58) Ethyl Benzene	14.38	91	778041	2.35	ppbv		100
59) m/p-Xylene	14.68	91	591756	2.22	ppbv	#	19
60) o-Xylene	15.46	91	649147	2.33	ppbv		100
61) Styrene	15.27	104	290626	2.52	ppbv		99
62) Isopropylbenzene	16.50	105	892985	2.41	ppbv		100
63) 1,1,2,2-Tetrachloroethane	15.45	83	414435	2.01	ppbv		100
64) n-propylbenzene	17.49	120	244255	2.45	ppbv		93
65) tert-Butylbenzene	18.77	119	828027	2.53	ppbv		98
66) Benzyl Chloride	19.07	91	343462	3.34	ppbv		100
67) sec-Butylbenzene	19.38	105	1146174	2.52	ppbv		99
69) p-Isopropyltoluene	19.75	119	960167	2.62	ppbv		99
70) n-Butylbenzene	20.72	91	876728	2.53	ppbv		100
71) 2-Chlorotoluene	17.39	91	659746	2.45	ppbv		100
72) 4-Ethyltoluene	17.78	105	742109	2.48	ppbv		99
73) 1,3,5-Trimethylbenzene	17.95	105	700618	2.48	ppbv		99
74) 1,2,4-Trimethylbenzene	18.80	105	736548	2.49	ppbv		94
75) 1,3-Dichlorobenzene	19.08	146	475557	2.50	ppbv		99
76) 1,4-Dichlorobenzene	19.24	146	498133	2.59	ppbv		98
77) 1,2-Dichlorobenzene	19.99	146	475359	2.55	ppbv		99
78) Hexachloro-1,3-Butadiene	24.64	225	250469	3.74	ppbv		99
79) Naphthalene	23.91	128	647222	3.91	ppbv		97
80) Naphthalene,2-methyl-	26.02	142	99578	1.98	ppbv		96
81) 1,2,4-Trichlorobenzene	23.70	180	313610	3.77	ppbv		99

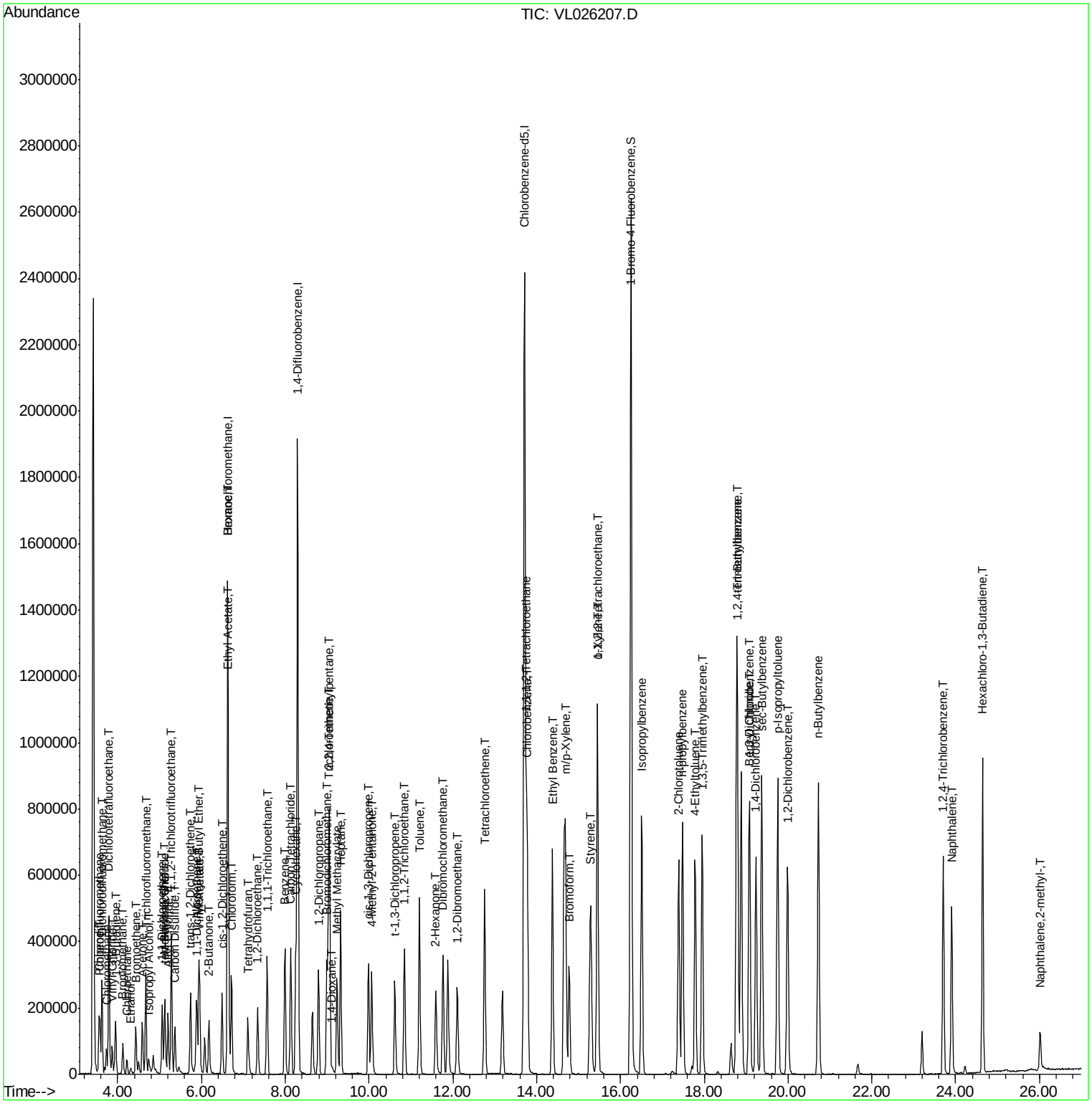
(#) = qualifier out of range (m) = manual integration (+) = signals summed

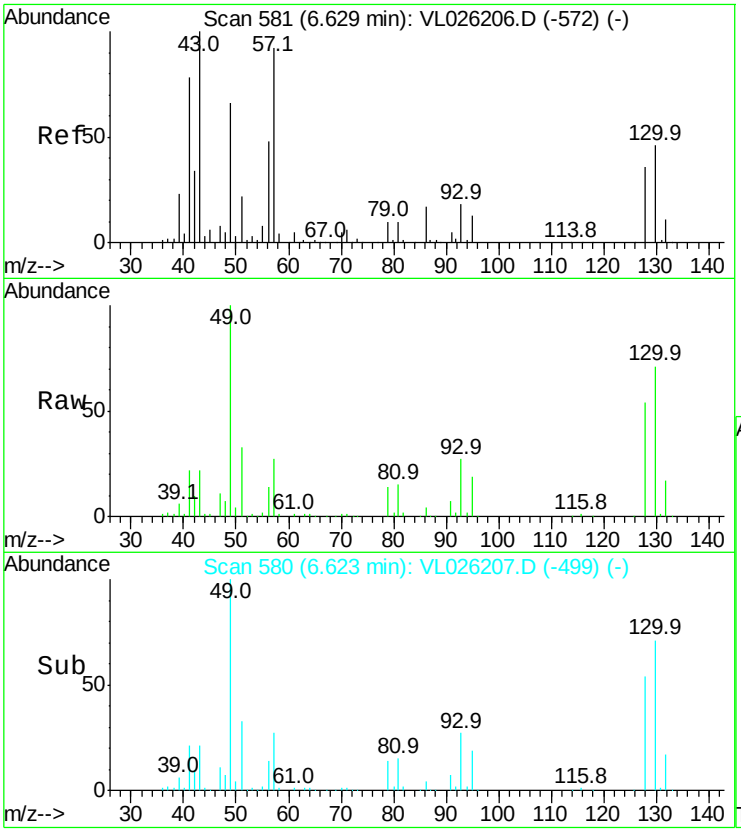
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\Data\VL102015\
Data File : VL026207.D
Acq On : 20 Oct 2015 11:16
Operator : SY/MD
Sample : VSTDICC002
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Oct 20 12:44:19 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL102015AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Oct 20 12:43:06 2015
QLast Update : Tue Oct 20 12:43:06 2015
Response via : Initial Calibration



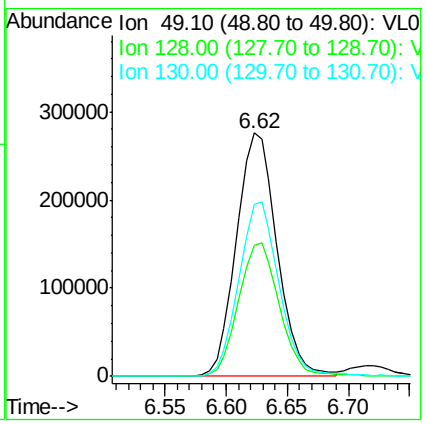


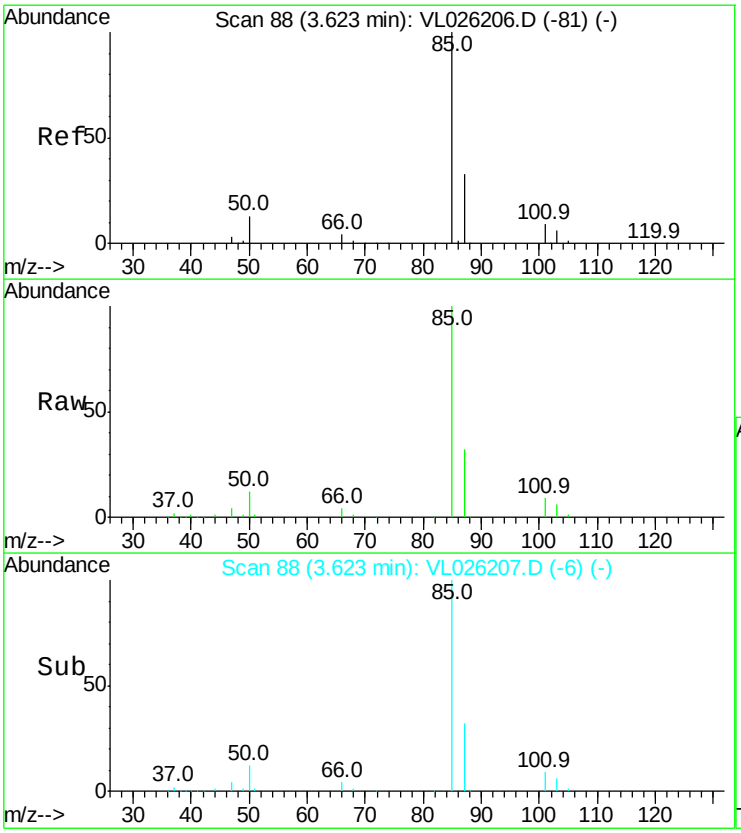
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 6.62 min Scan# 580
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 49 Resp: 638533

Ion	Ratio	Lower	Upper
49	100		
128	55.7	28.1	84.3
130	72.1	36.2	108.6

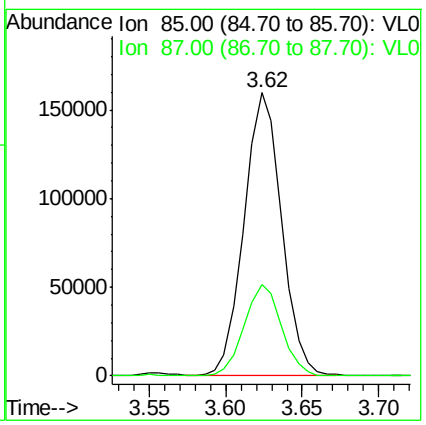


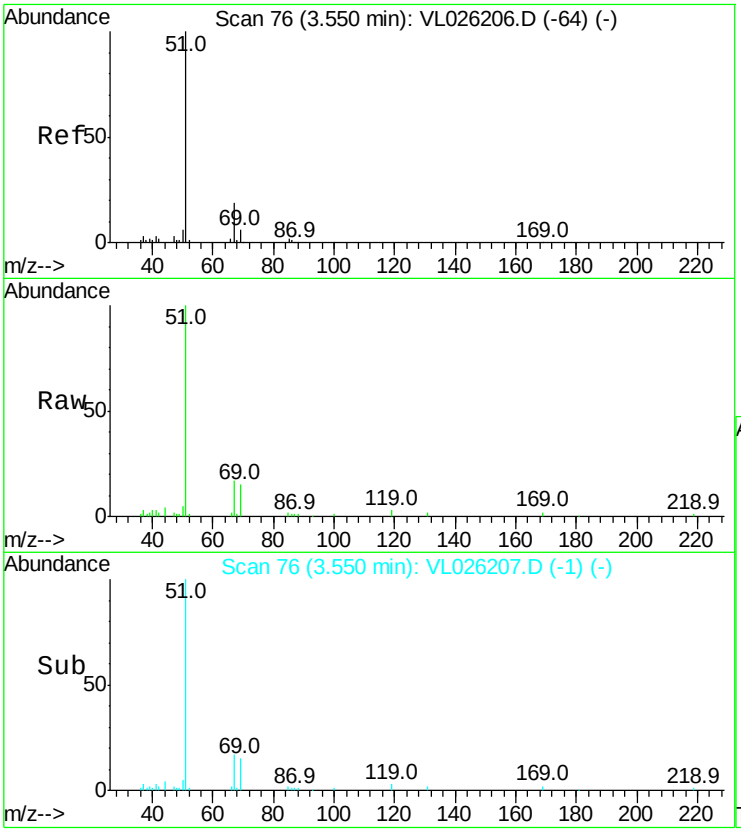


#2
Dichlorodifluoromethane
Concen: 2.13 ppbv
RT: 3.62 min Scan# 88
Delta R.T. -0.00 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Tgt Ion: 85 Resp: 271403

Ion	Ratio	Lower	Upper
85	100		
87	32.2	26.5	39.7



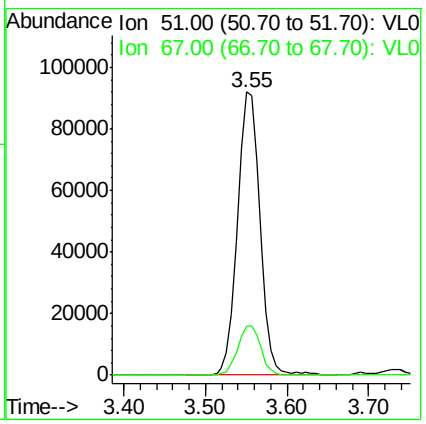


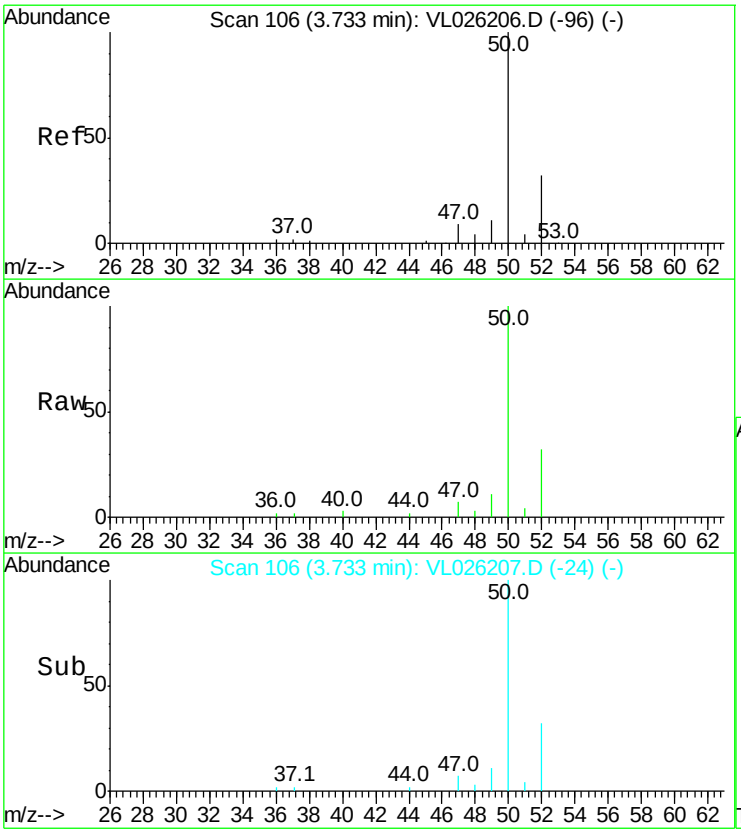
#3
Chlorodifluoromethane
Concen: 2.30 ppbv
RT: 3.55 min Scan# 76
Delta R.T. -0.00 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 51 Resp: 174782

Ion	Ratio	Lower	Upper
51	100		
67	17.5	15.6	23.4

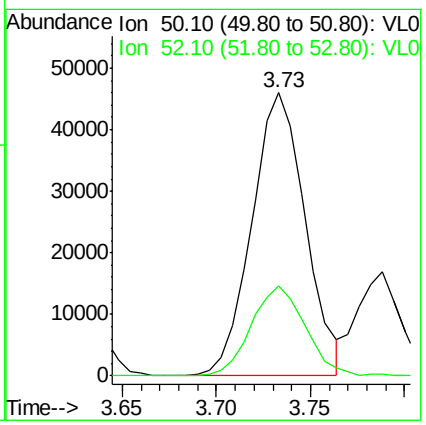


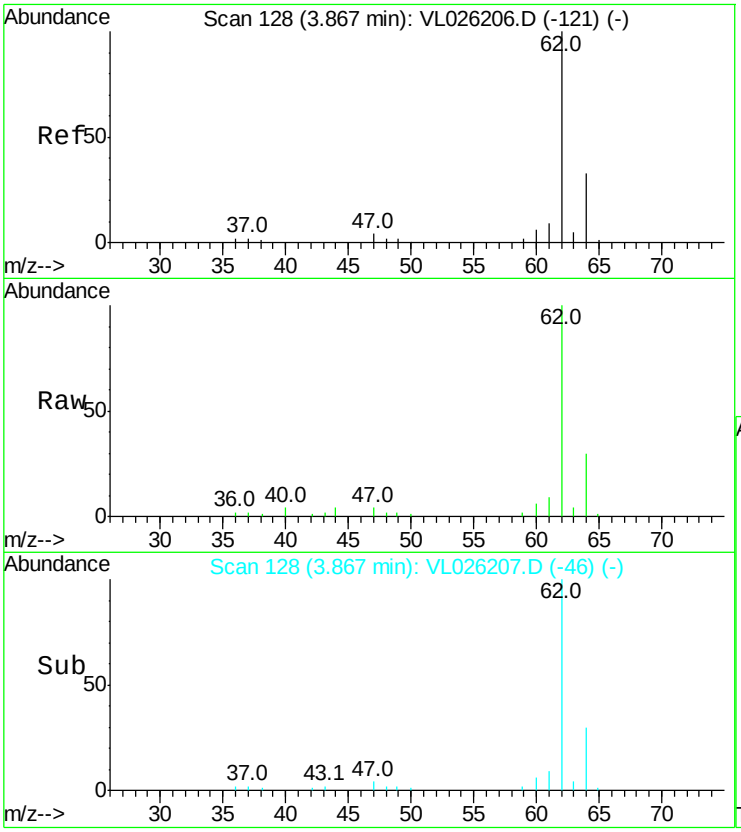


#4
Chloromethane
Concen: 2.13 ppbv
RT: 3.73 min Scan# 106
Delta R.T. -0.00 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Tgt Ion: 50 Resp: 90539

Ion	Ratio	Lower	Upper
50	100		
52	31.9	25.8	38.6



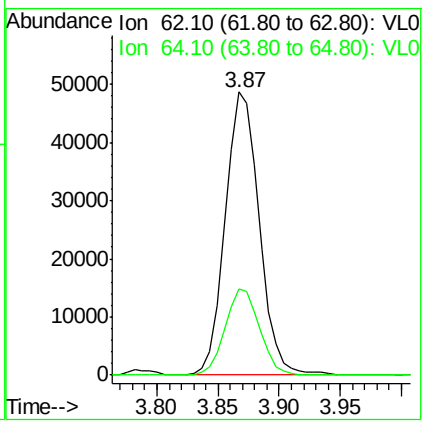


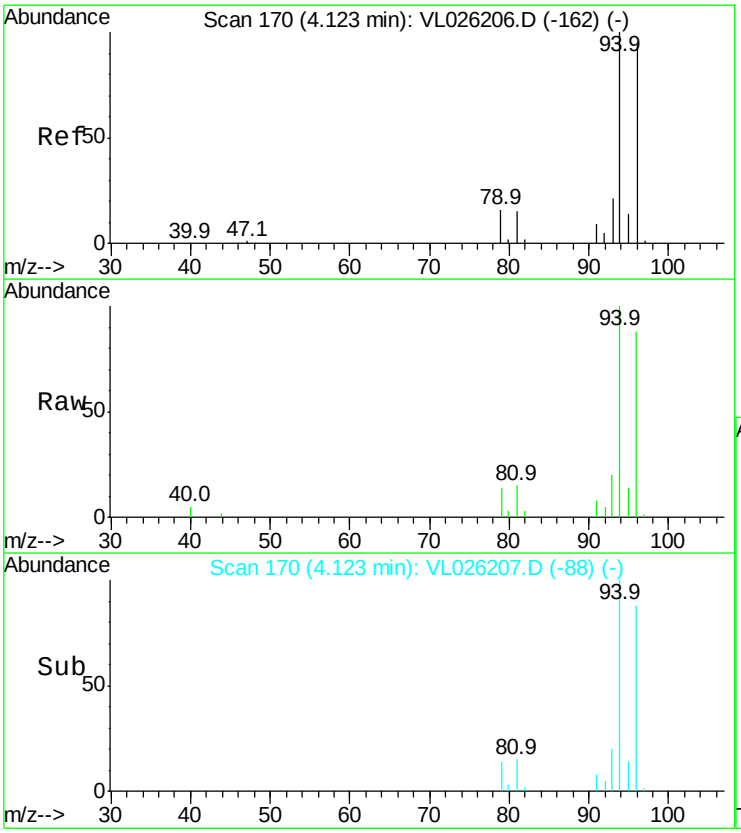
#5
Vinyl Chloride
Concen: 2.18 ppbv
RT: 3.87 min Scan# 128
Delta R.T. -0.00 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 62 Resp: 93646

Ion	Ratio	Lower	Upper
62	100		
64	30.4	26.3	39.5

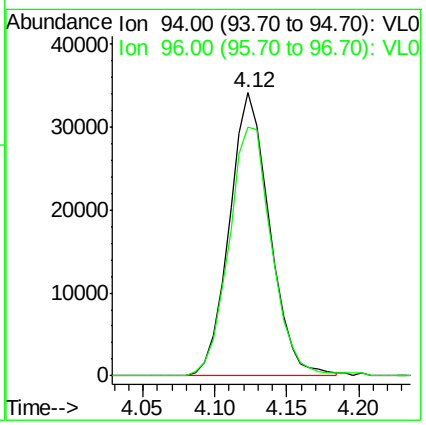


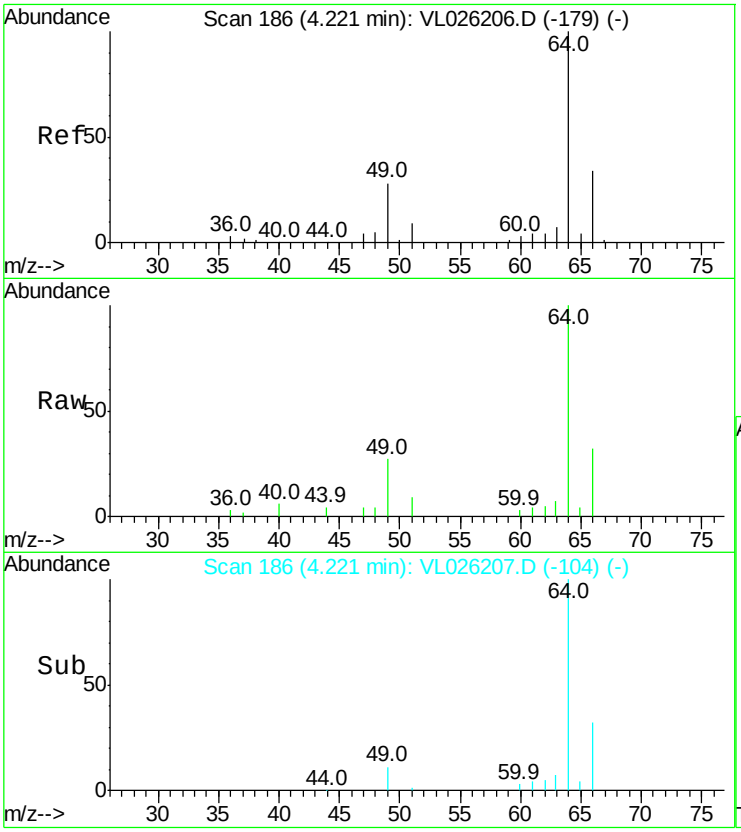


#6
Bromomethane
Concen: 2.12 ppbv
RT: 4.12 min Scan# 170
Delta R.T. -0.00 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Tgt Ion: 94 Resp: 66461

Ion	Ratio	Lower	Upper
94	100		
96	87.7	75.5	113.3



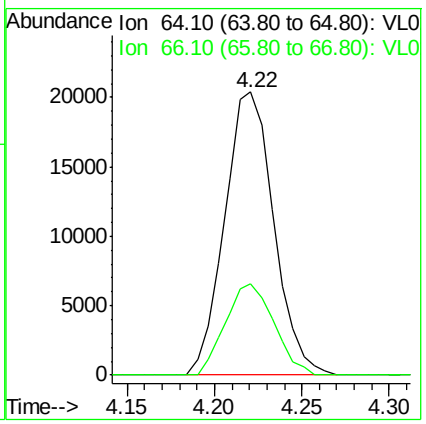


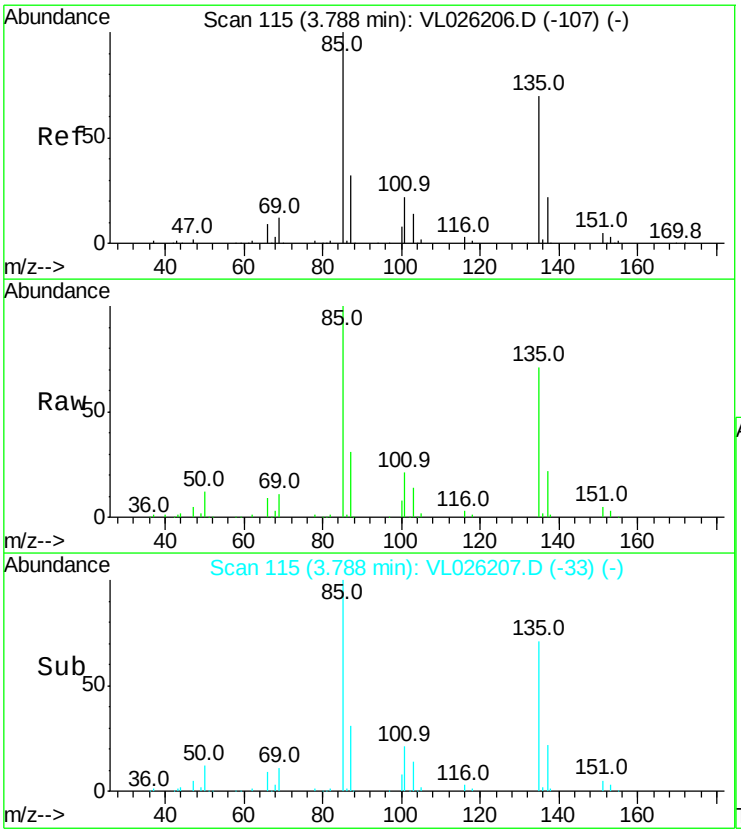
#7
Chloroethane
Concen: 2.12 ppbv
RT: 4.22 min Scan# 186
Delta R.T. -0.00 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 64 Resp: 39917

Ion	Ratio	Lower	Upper
64	100		
66	32.2	27.0	40.6

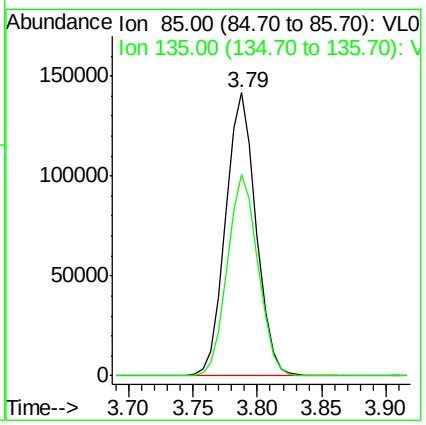


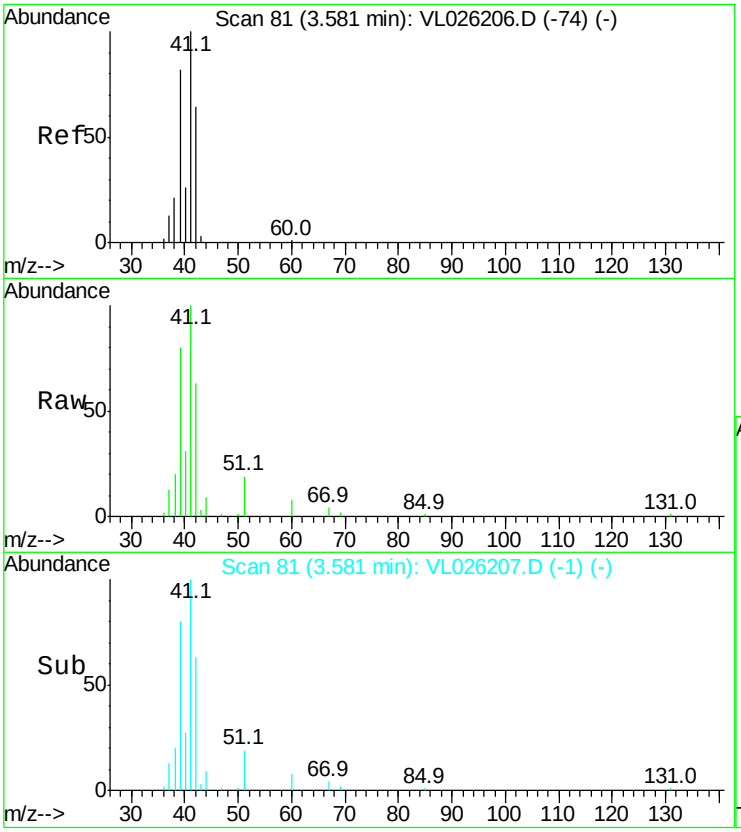


#8
Dichlorotetrafluoroethane
Concen: 2.19 ppbv
RT: 3.79 min Scan# 115
Delta R.T. -0.00 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Tgt Ion: 85 Resp: 234442

Ion	Ratio	Lower	Upper
85	100		
135	71.6	57.5	86.3



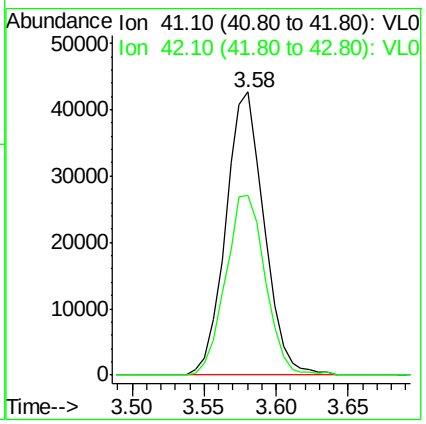


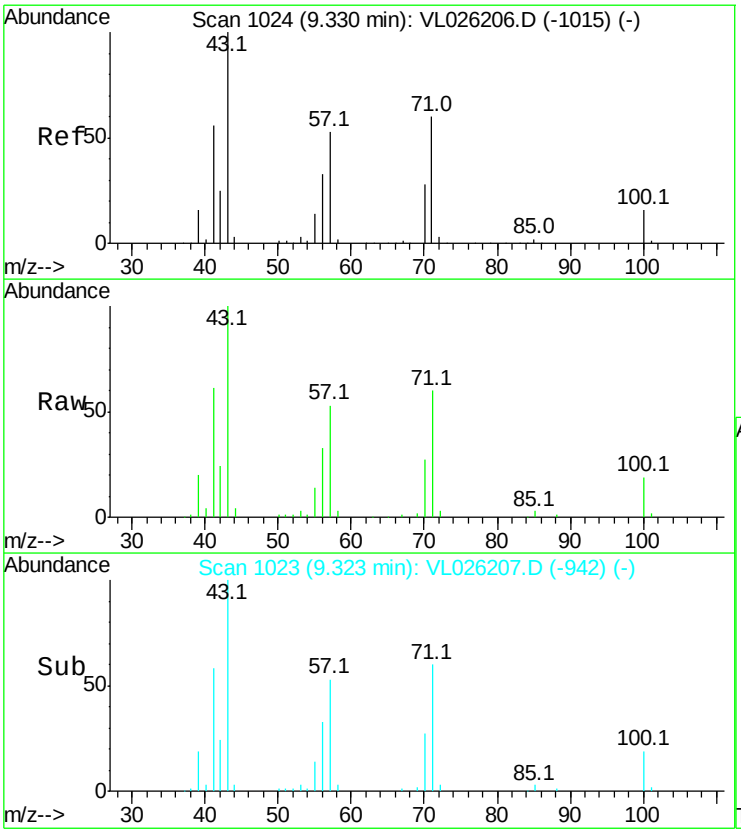
#9
Propene
Concen: 2.30 ppbv
RT: 3.58 min Scan# 81
Delta R.T. -0.00 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 41 Resp: 79497

Ion	Ratio	Lower	Upper
41	100		
42	65.7	53.1	79.7

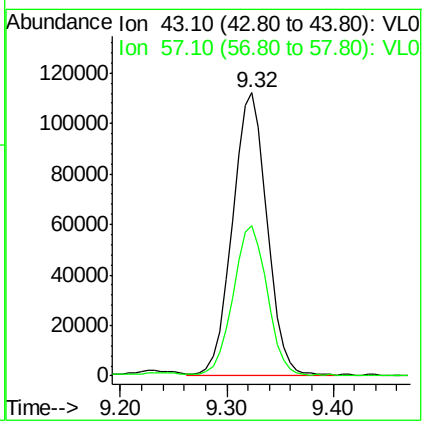


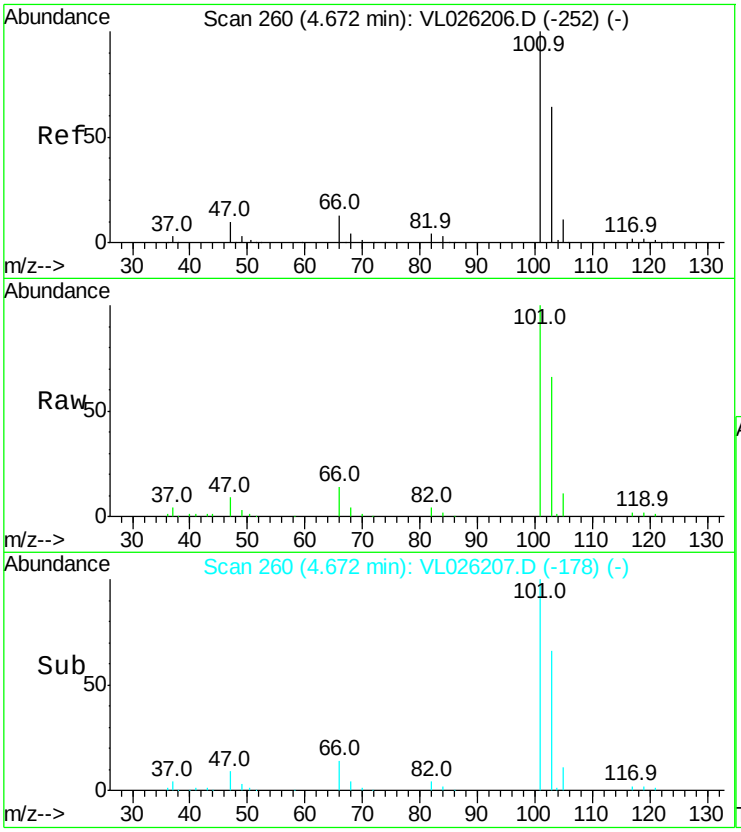


#10
Heptane
Concen: 2.09 ppbv
RT: 9.32 min Scan# 1023
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Tgt Ion: 43 Resp: 252868

Ion	Ratio	Lower	Upper
43	100		
57	55.1	43.5	65.3



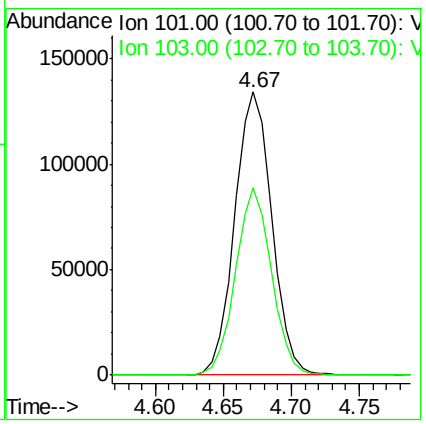


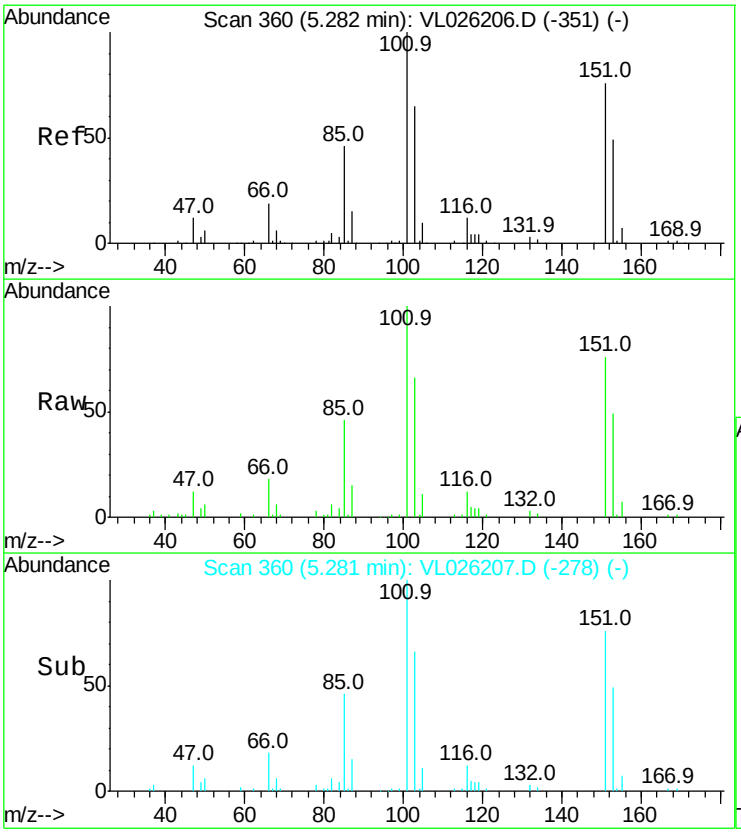
#11
Trichlorofluoromethane
Concen: 2.11 ppbv
RT: 4.67 min Scan# 260
Delta R.T. -0.00 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:101 Resp: 255975

Ion	Ratio	Lower	Upper
101	100		
103	66.4	51.2	76.8

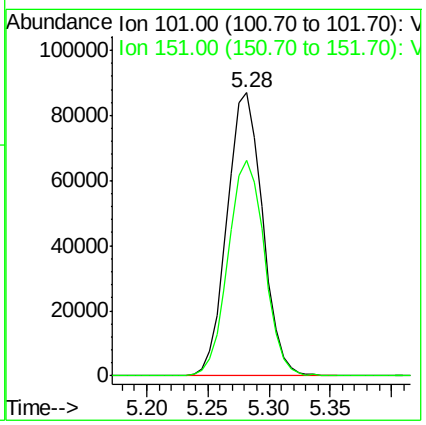


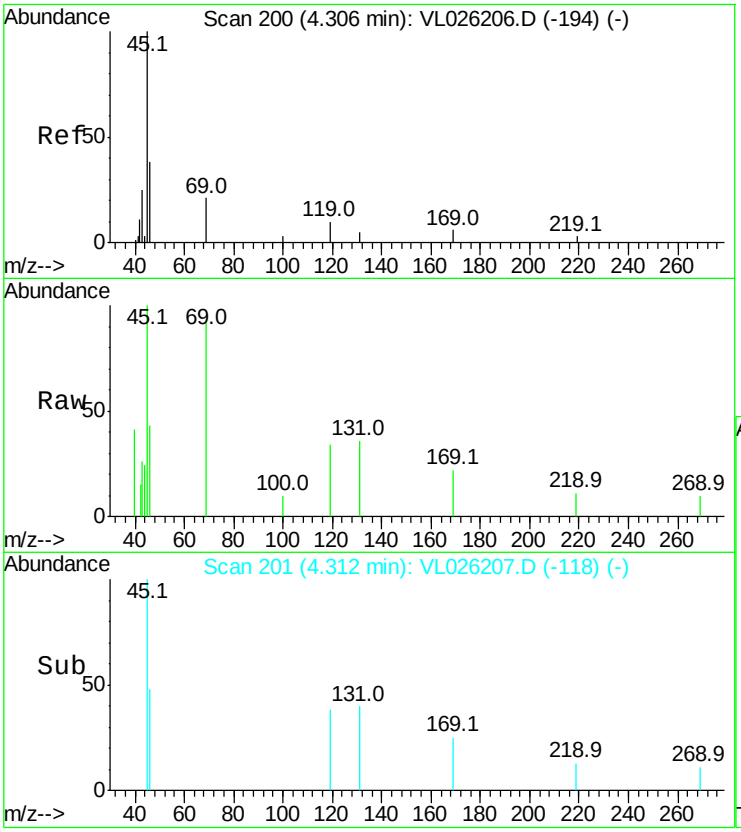


#12
1,1,2-Trichlorotrifluoroethane
Concen: 2.13 ppbv
RT: 5.28 min Scan# 360
Delta R.T. -0.00 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Tgt Ion:101 Resp: 175681

Ion	Ratio	Lower	Upper
101	100		
151	77.5	61.4	92.0



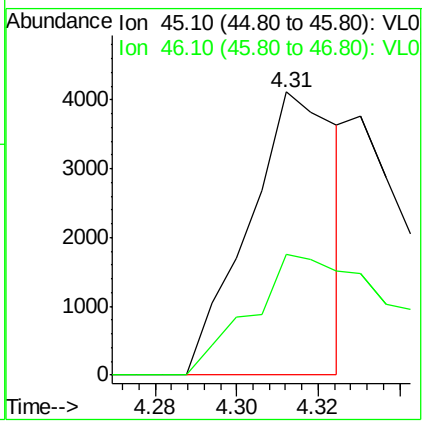


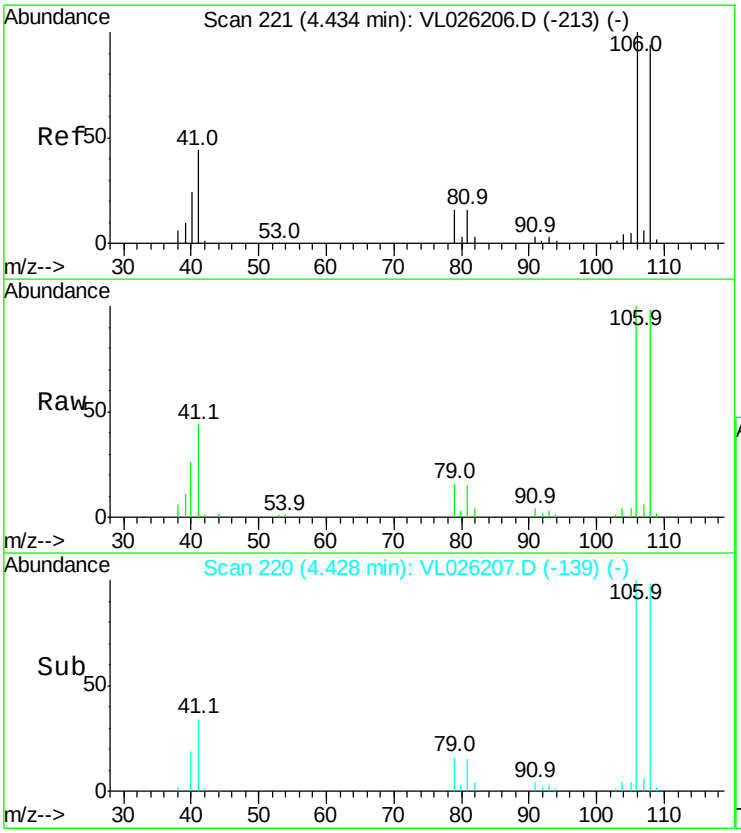
#13
Ethanol
Concen: 1.12 ppbv
RT: 4.31 min Scan# 201
Delta R.T. 0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 45 Resp: 6219

Ion	Ratio	Lower	Upper
45	100		
46	74.1	16.1	64.3#

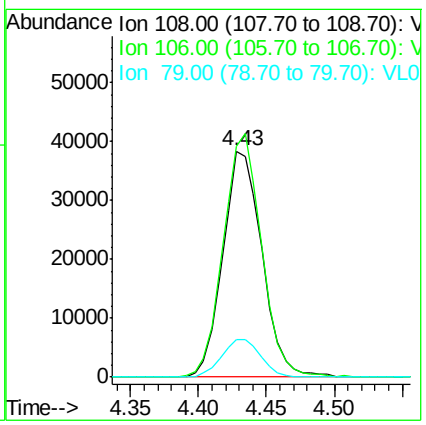


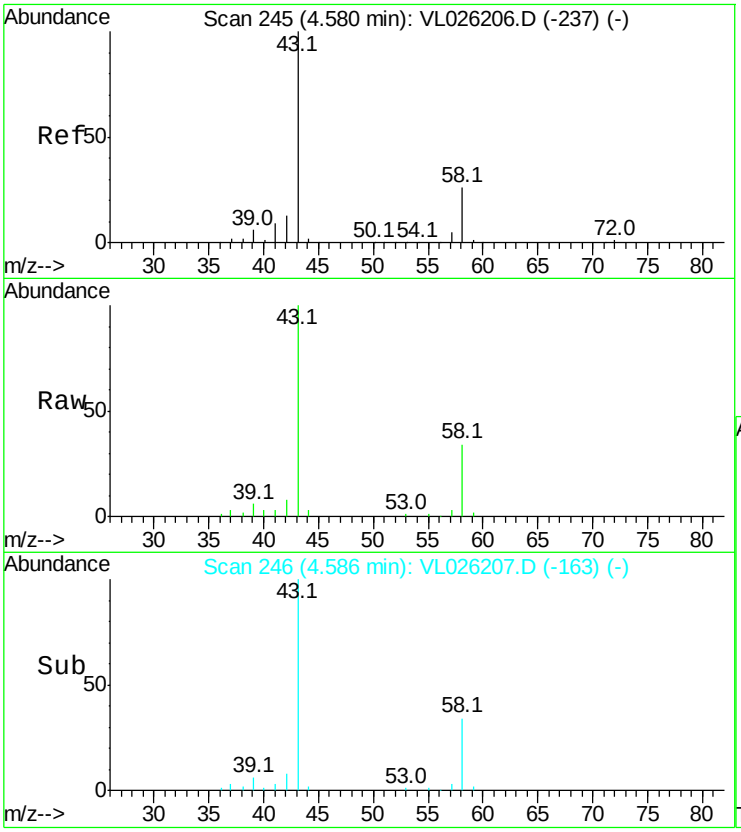


#14
Bromoethene
Concen: 2.25 ppbv
RT: 4.43 min Scan# 220
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Tgt Ion:108 Resp: 76712

Ion	Ratio	Lower	Upper
108	100		
106	105.6	85.3	127.9
79	16.4	13.4	20.0



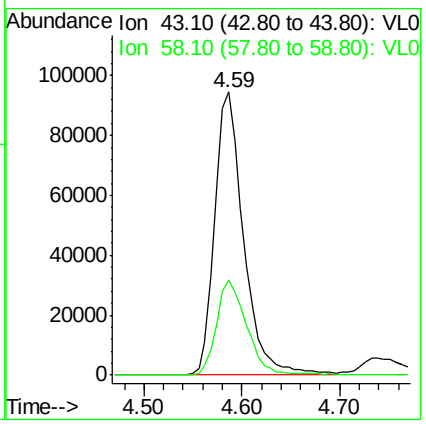


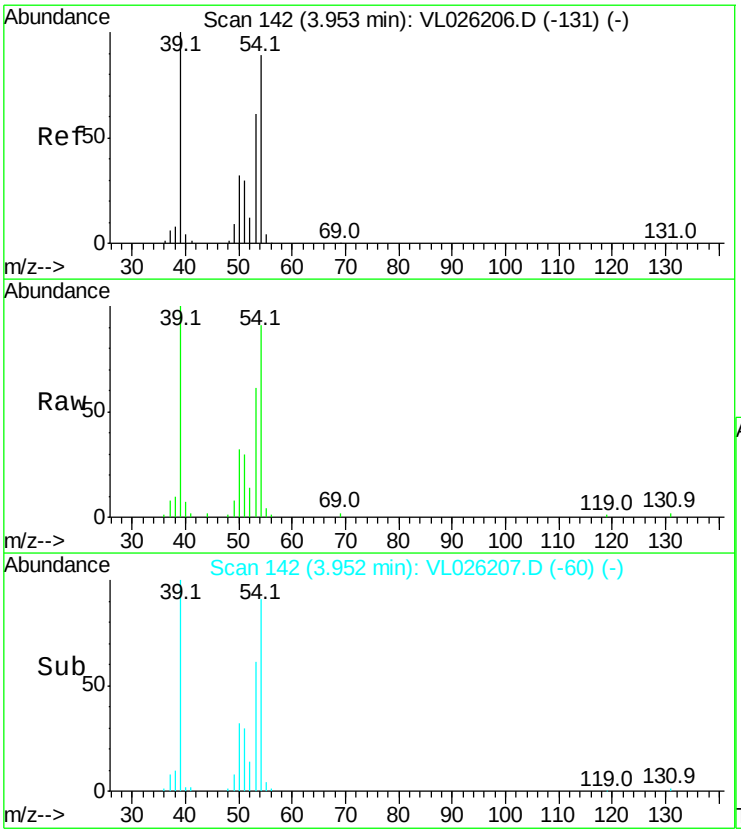
#15
Acetone
Concen: 2.26 ppbv
RT: 4.59 min Scan# 246
Delta R.T. 0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 193930

Ion	Ratio	Lower	Upper
43	100		
58	34.9	21.0	31.4#

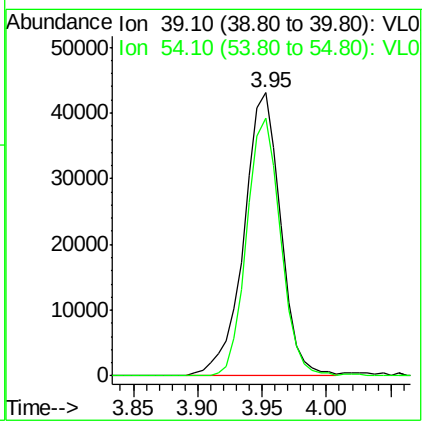


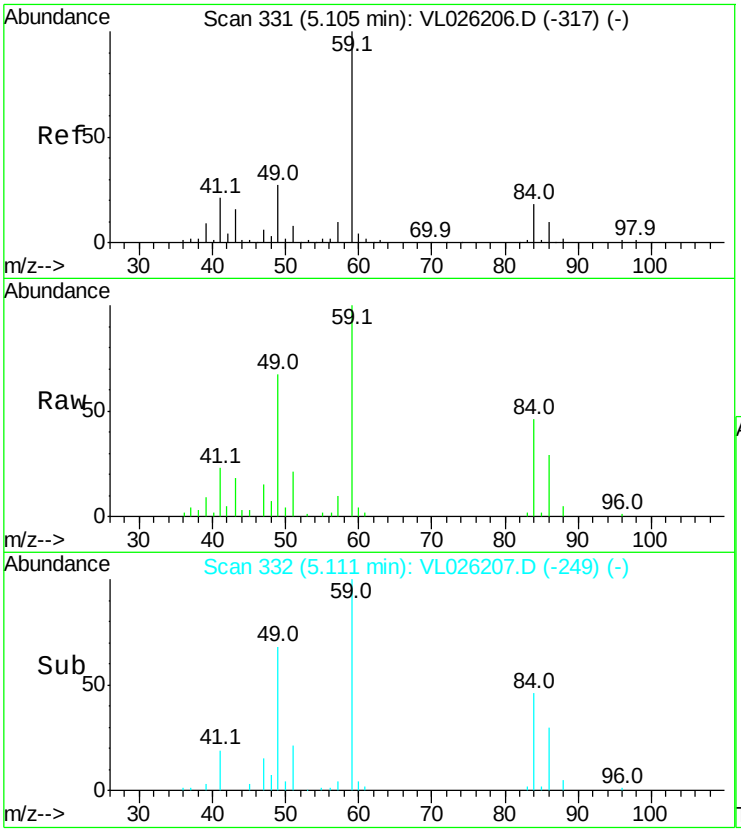


#16
1,3-Butadiene
Concen: 2.18 ppbv
RT: 3.95 min Scan# 142
Delta R.T. -0.00 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Tgt Ion: 39 Resp: 85107

Ion	Ratio	Lower	Upper
39	100		
54	83.7	67.3	100.9



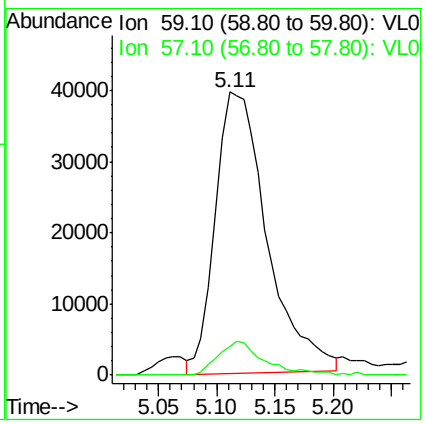


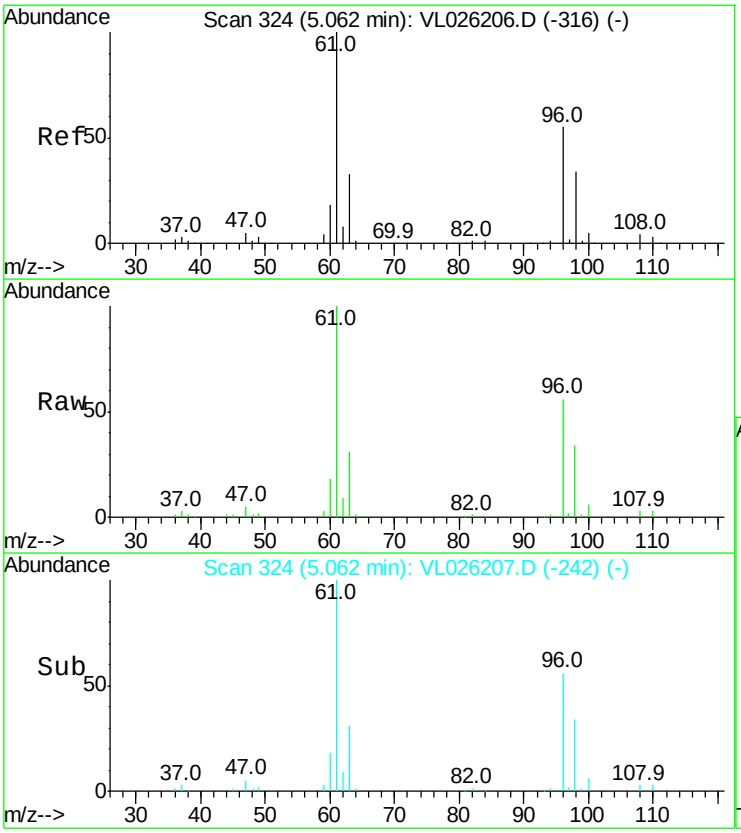
#17
tert-Butyl alcohol
Concen: 2.34 ppbv
RT: 5.11 min Scan# 332
Delta R.T. 0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 59 Resp: 122108

Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.6	12.8

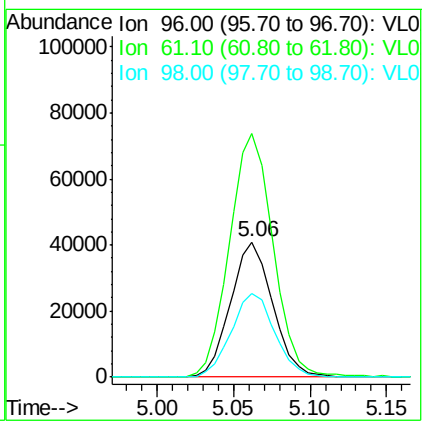


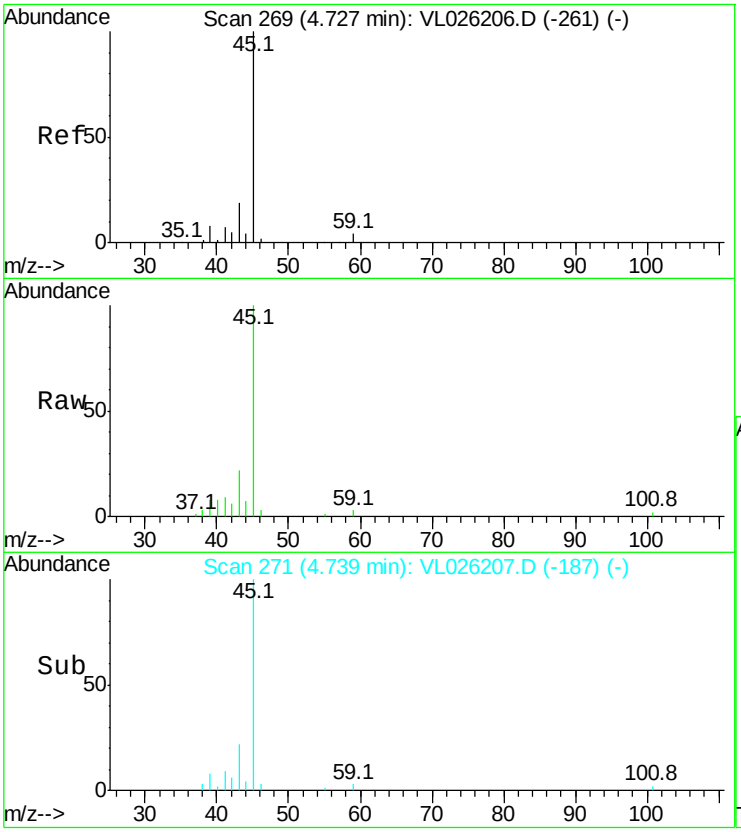


#18
1,1-Dichloroethene
Concen: 2.07 ppbv
RT: 5.06 min Scan# 324
Delta R.T. -0.00 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Tgt Ion: 96 Resp: 77840

Ion	Ratio	Lower	Upper
96	100		
61	179.8	146.6	219.8
98	61.4	50.5	75.7



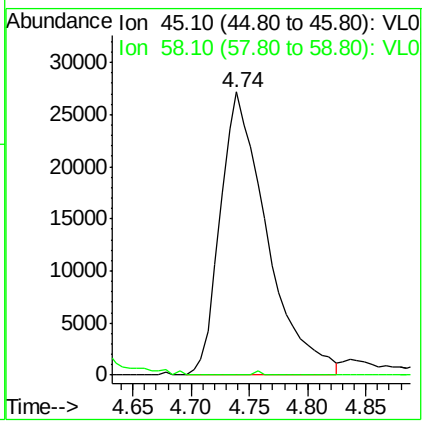


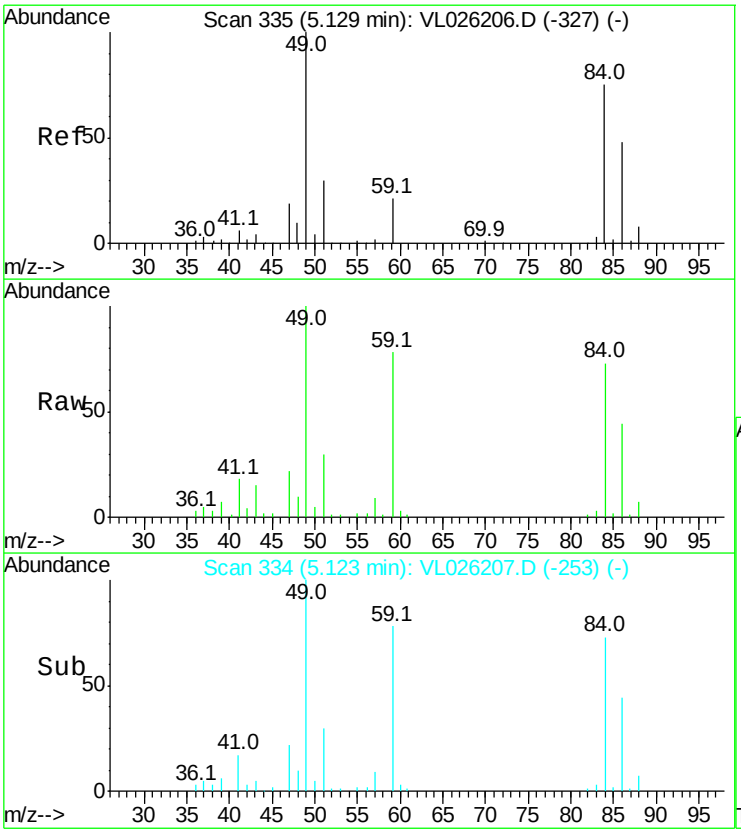
#19
Isopropyl Alcohol
Concen: 2.20 ppbv
RT: 4.74 min Scan# 271
Delta R.T. 0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 45 Resp: 75740

Ion	Ratio	Lower	Upper
45	100		
58	89.4	42.4	63.6#

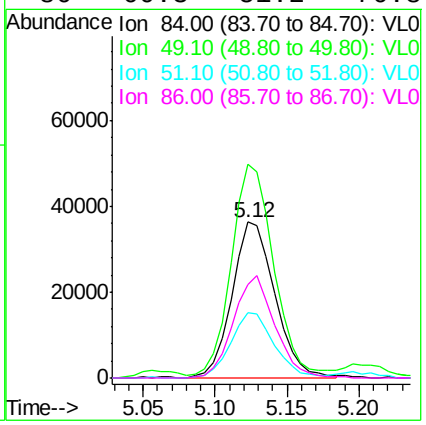


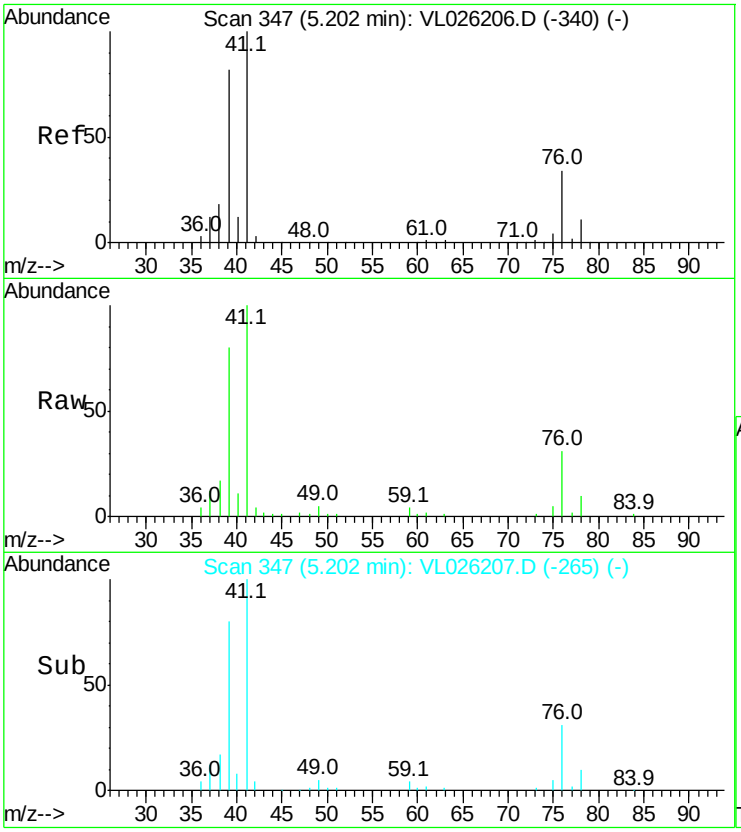


#20
Methylene Chloride
Concen: 2.07 ppbv
RT: 5.12 min Scan# 334
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Tgt Ion: 84 Resp: 75206

Ion	Ratio	Lower	Upper
84	100		
49	135.0	107.9	161.9
51	41.7	32.4	48.6
86	60.3	51.2	76.8



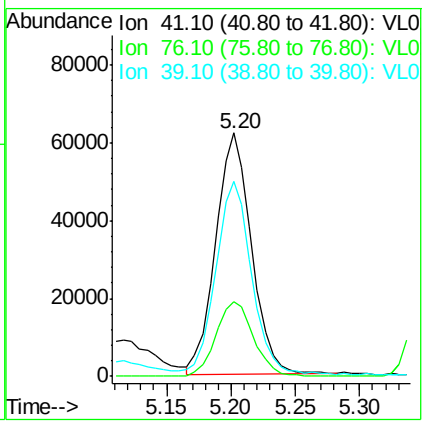


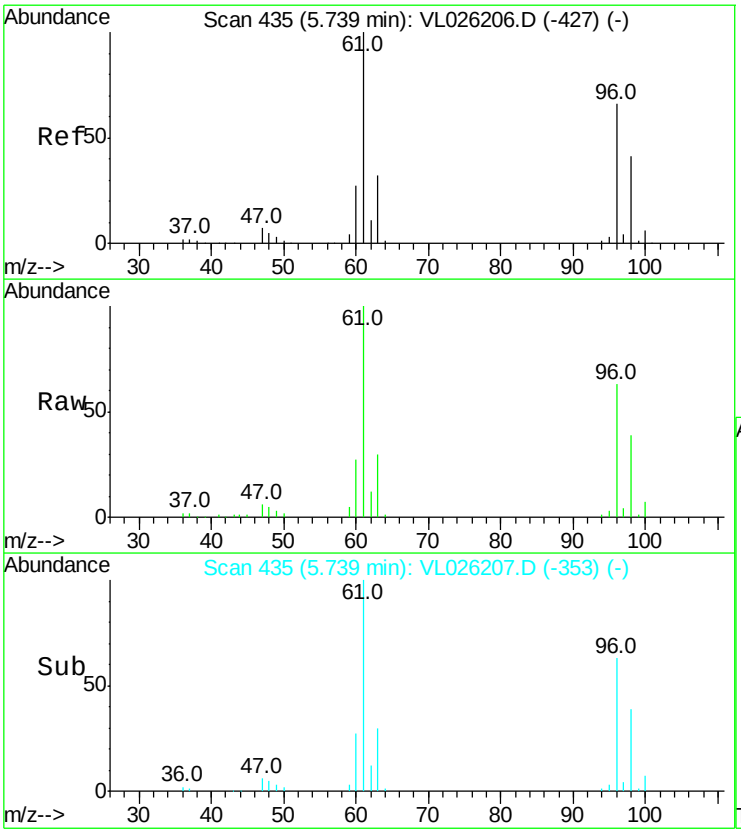
#21
Allyl Chloride
Concen: 2.17 ppbv
RT: 5.20 min Scan# 347
Delta R.T. -0.00 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 41 Resp: 121362

Ion	Ratio	Lower	Upper
41	100		
76	32.2	26.2	39.4
39	81.6	65.6	98.4

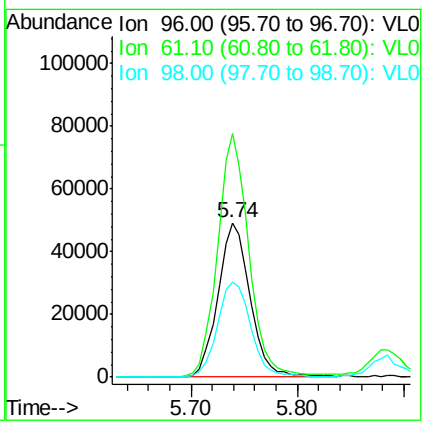


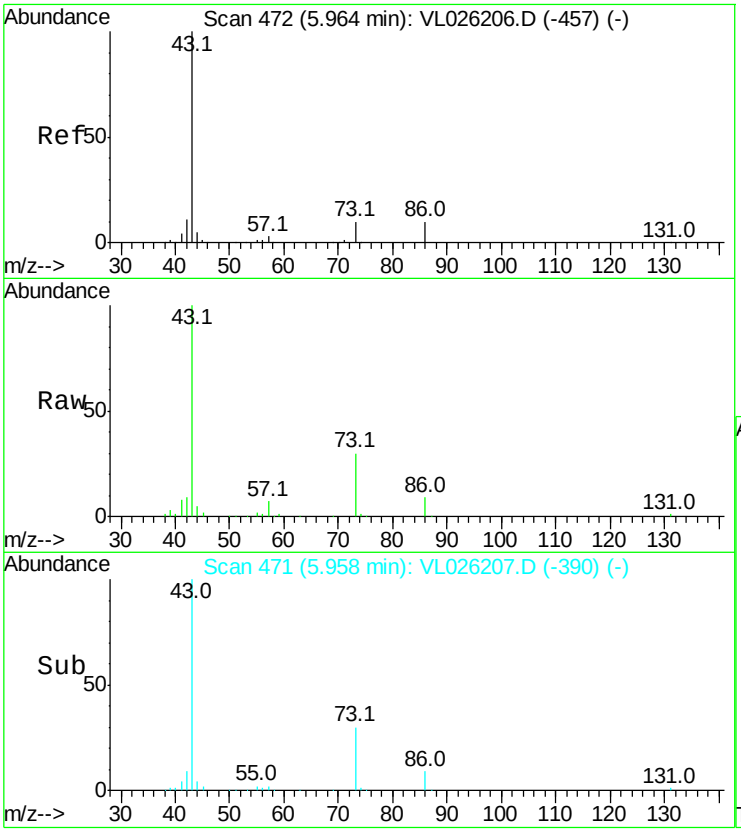


#22
trans-1,2-Dichloroethene
Concen: 2.18 ppbv
RT: 5.74 min Scan# 435
Delta R.T. -0.00 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Tgt Ion: 96 Resp: 103649

Ion	Ratio	Lower	Upper
96	100		
61	157.0	121.3	181.9
98	61.7	49.8	74.8



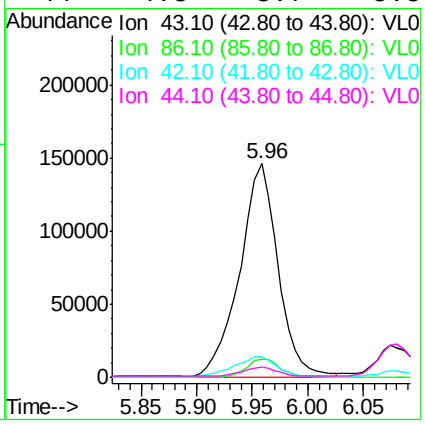


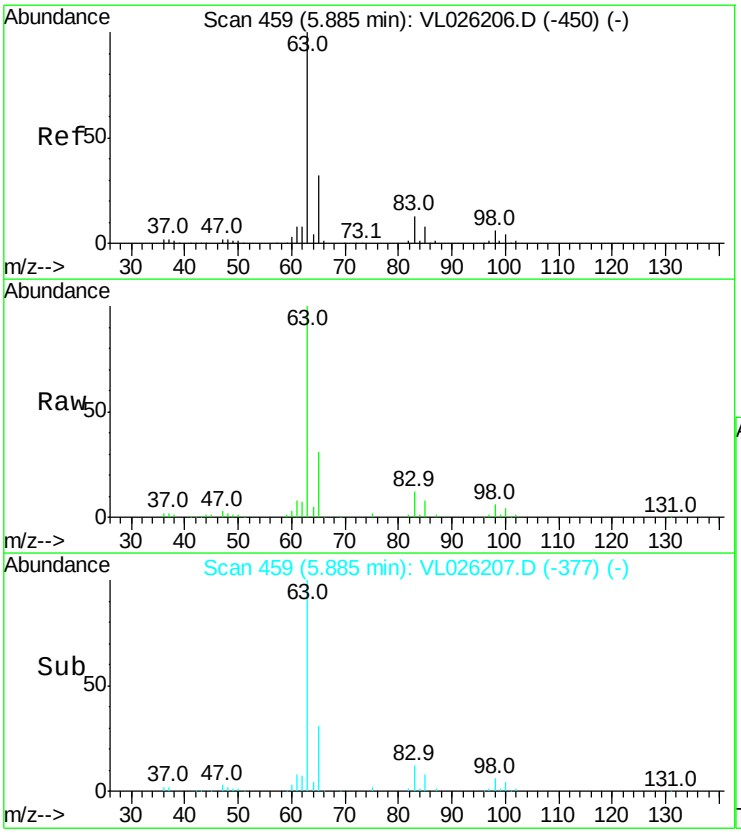
#23
Vinyl Acetate
Concen: 2.28 ppbv
RT: 5.96 min Scan# 471
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 349794

Ion	Ratio	Lower	Upper
43	100		
86	8.6	7.8	11.6
42	9.4	8.4	12.6
44	4.3	3.7	5.5

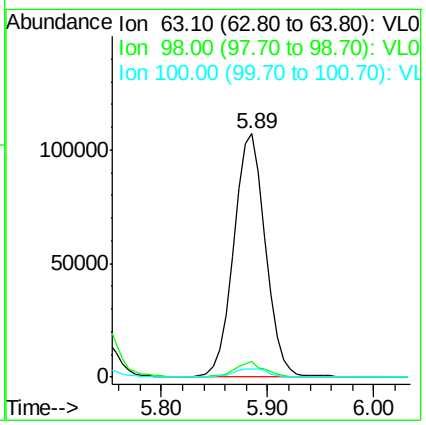


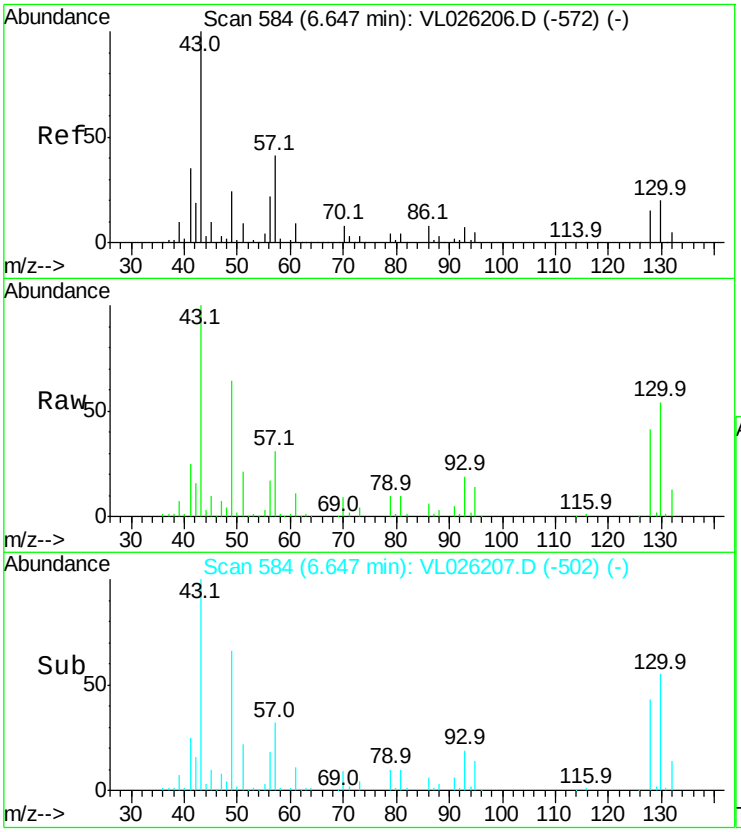


#24
1,1-Dichloroethane
Concen: 2.21 ppbv
RT: 5.89 min Scan# 459
Delta R.T. -0.00 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Tgt Ion: 63 Resp: 224573

Ion	Ratio	Lower	Upper
63	100		
98	6.5	2.9	8.7
100	3.6	1.8	5.5



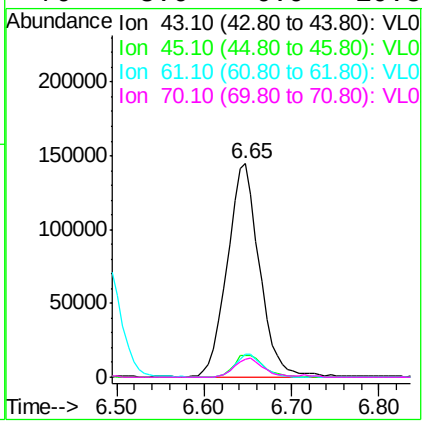


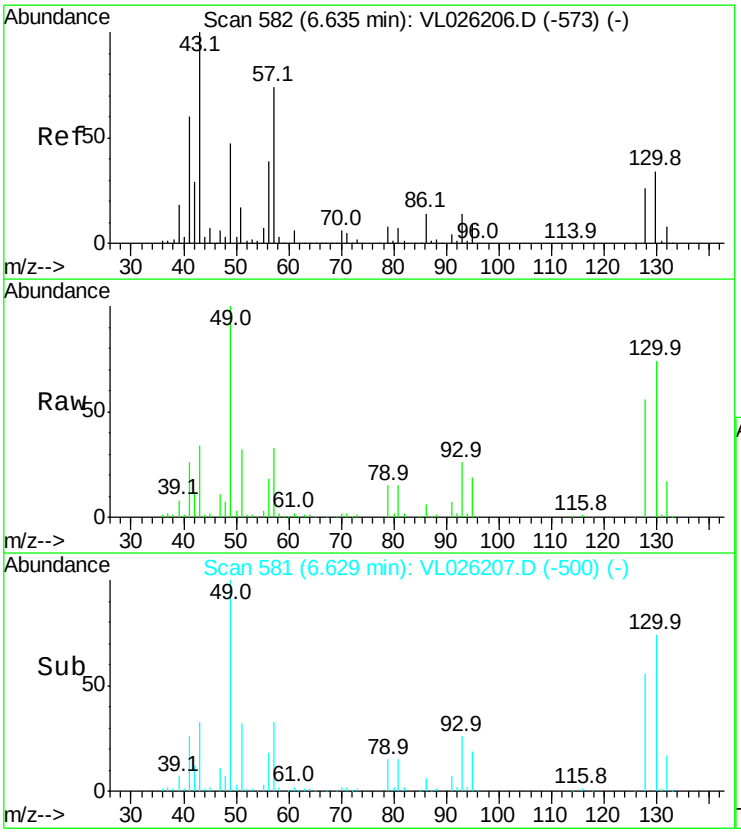
#25
Ethyl Acetate
Concen: 2.27 ppbv
RT: 6.65 min Scan# 584
Delta R.T. -0.00 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 369352

Ion	Ratio	Lower	Upper
43	100		
45	9.7	7.5	11.3
61	9.4	7.5	11.3
70	8.6	6.9	10.3

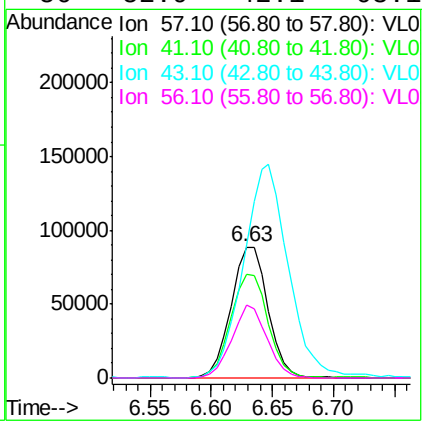


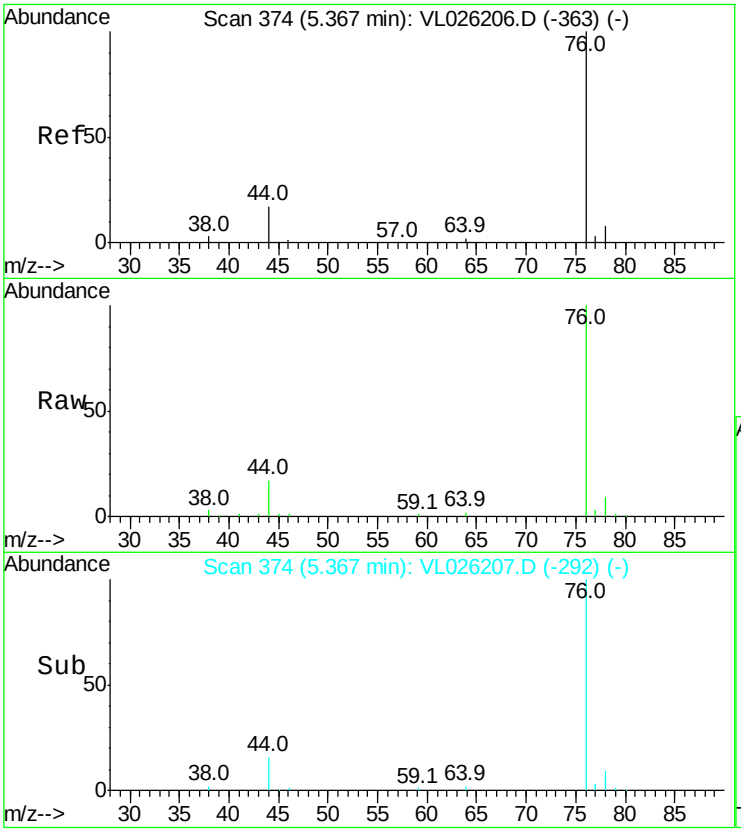


#26
Hexane
Concen: 2.33 ppbv
RT: 6.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Tgt Ion: 57 Resp: 185834

Ion	Ratio	Lower	Upper
57	100		
41	82.0	67.0	100.6
43	200.9	156.0	234.0
56	52.9	42.1	63.1



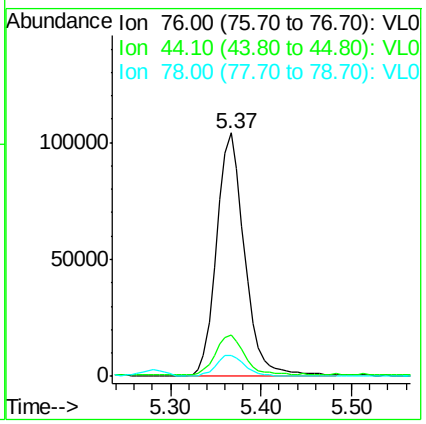


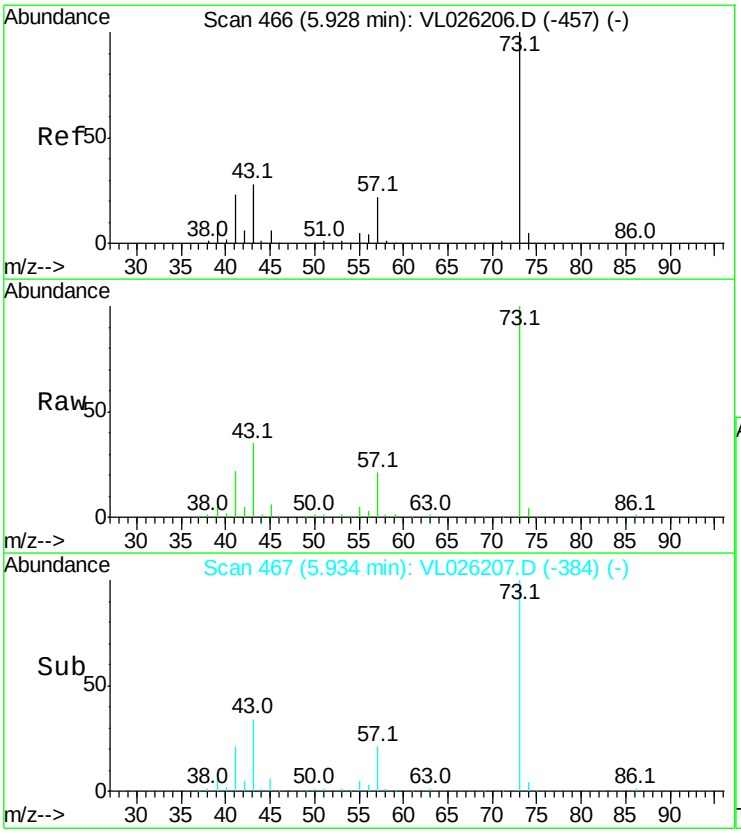
#27
Carbon Disulfide
Concen: 2.32 ppbv
RT: 5.37 min Scan# 374
Delta R.T. -0.00 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 76 Resp: 225926

Ion	Ratio	Lower	Upper
76	100		
44	18.6	13.8	20.6
78	9.1	7.4	11.2

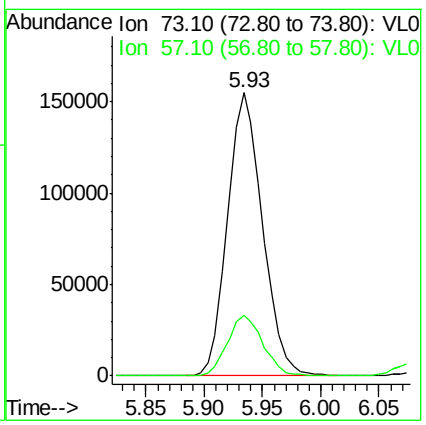


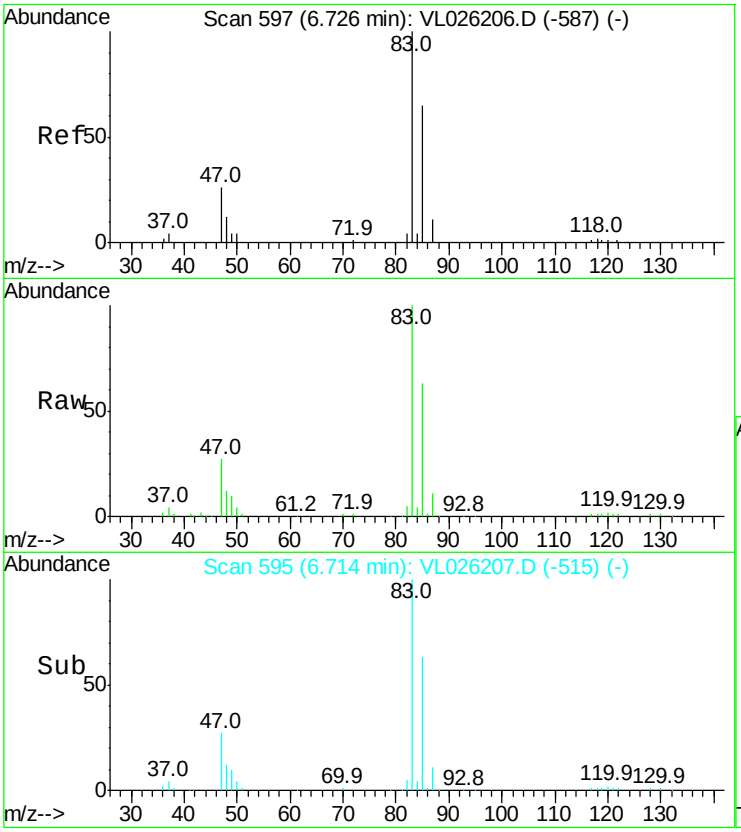


#28
Methyl tert-Butyl Ether
Concen: 2.48 ppbv
RT: 5.93 min Scan# 467
Delta R.T. 0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Tgt Ion: 73 Resp: 323553

Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.9	26.9



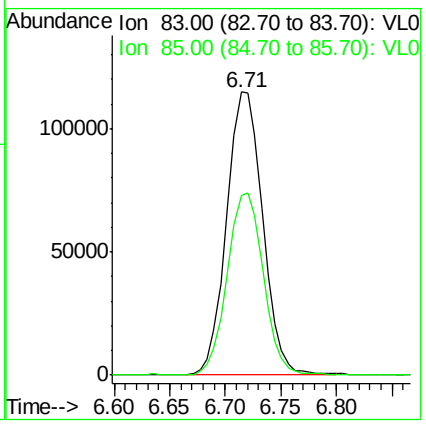


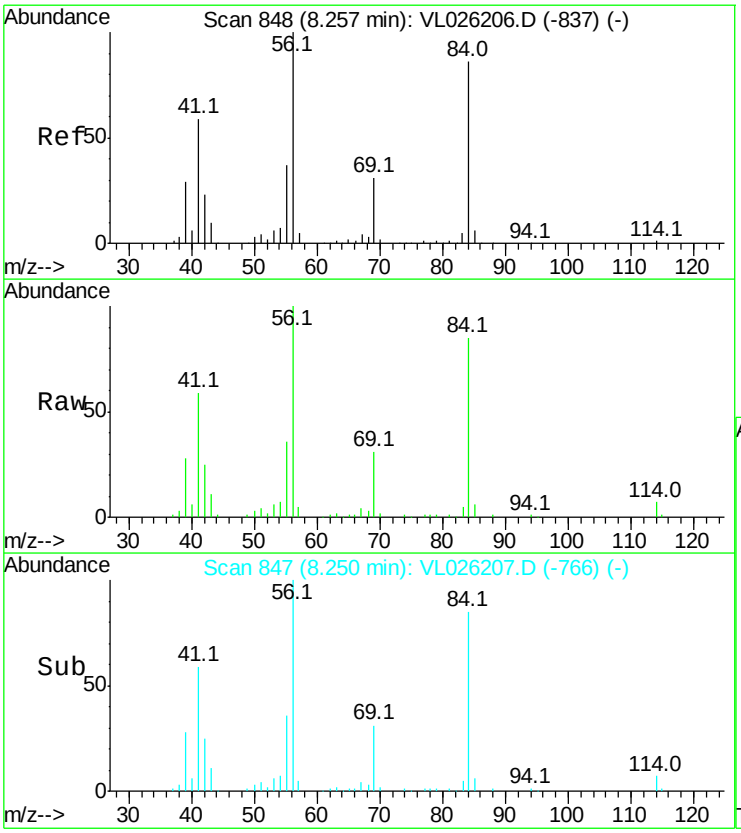
#29
Chloroform
Concen: 2.21 ppbv
RT: 6.71 min Scan# 595
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 83 Resp: 258530

Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.8	77.6

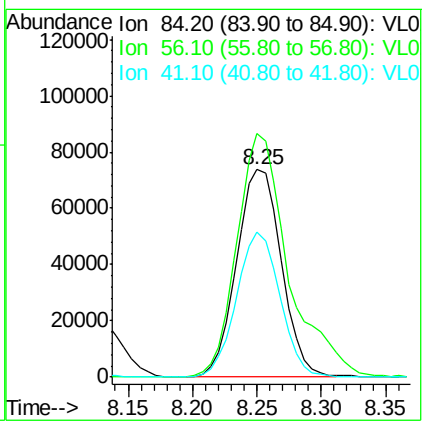


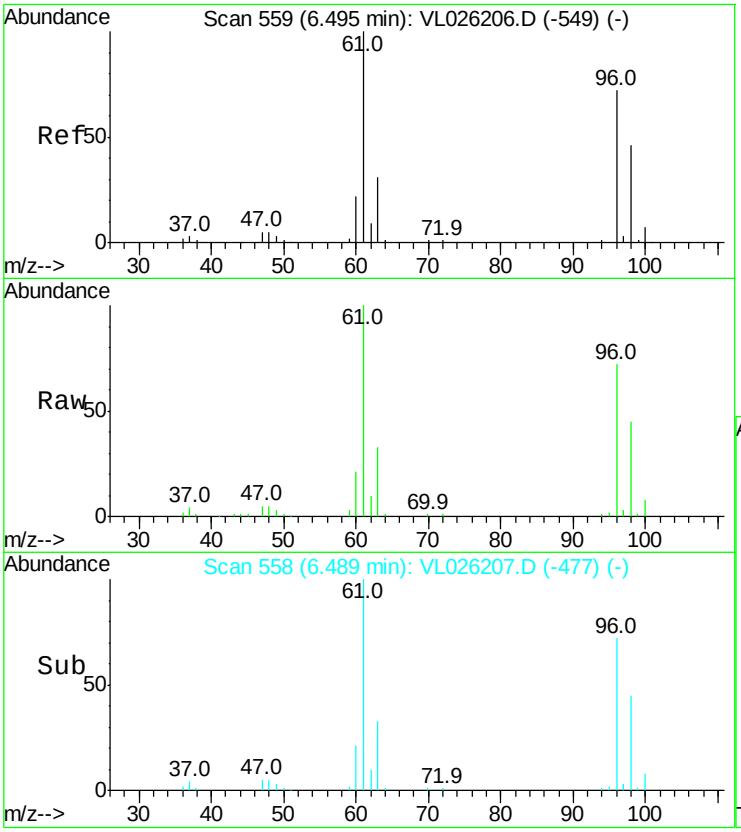


#30
Cyclohexane
Concen: 2.34 ppbv
RT: 8.25 min Scan# 847
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Tgt Ion: 84 Resp: 178180

Ion	Ratio	Lower	Upper
84	100		
56	135.0	97.5	146.3
41	67.6	54.6	81.8



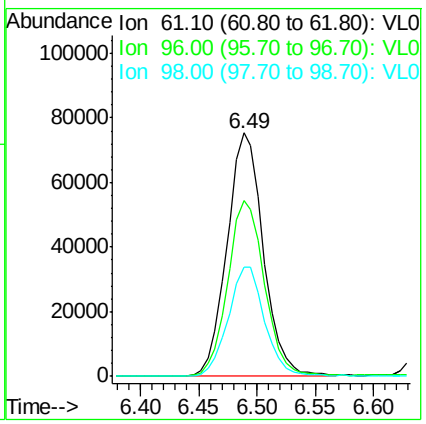


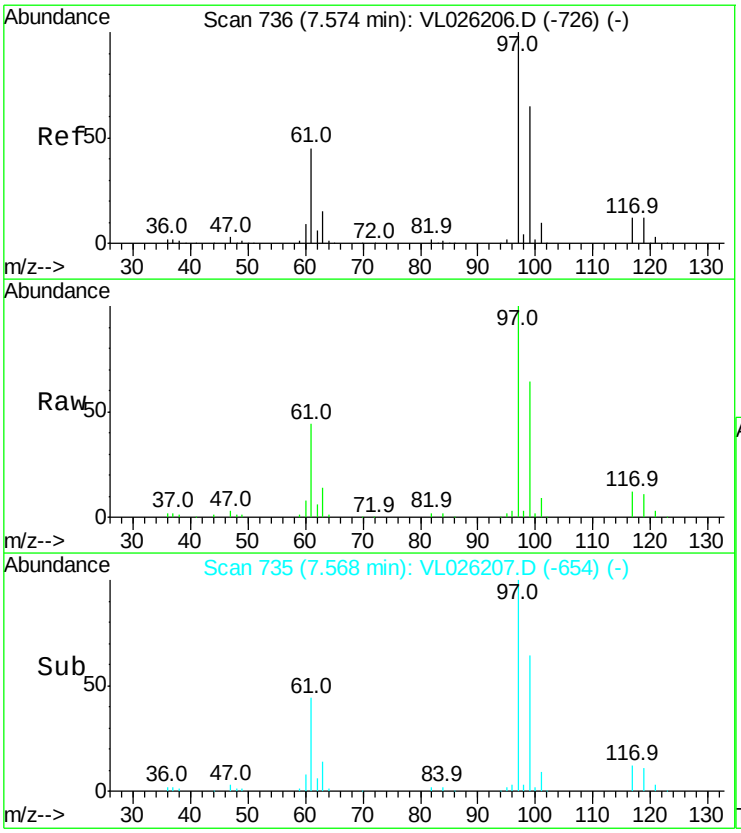
#31
cis-1,2-Dichloroethene
Concen: 2.28 ppbv
RT: 6.49 min Scan# 558
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 61 Resp: 163704

Ion	Ratio	Lower	Upper
61	100		
96	72.0	57.9	86.9
98	45.1	37.2	55.8

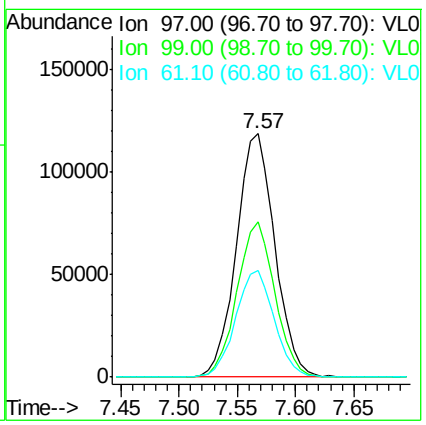


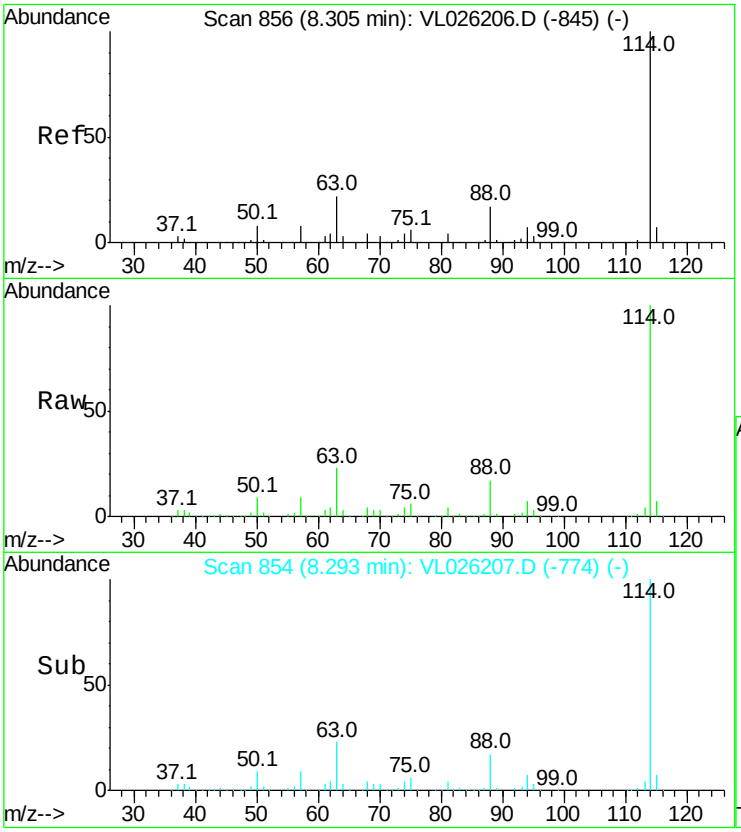


#32
1,1,1-Trichloroethane
Concen: 2.43 ppbv
RT: 7.57 min Scan# 735
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Tgt Ion: 97 Resp: 273735

Ion	Ratio	Lower	Upper
97	100		
99	62.6	51.4	77.2
61	43.8	36.0	54.0



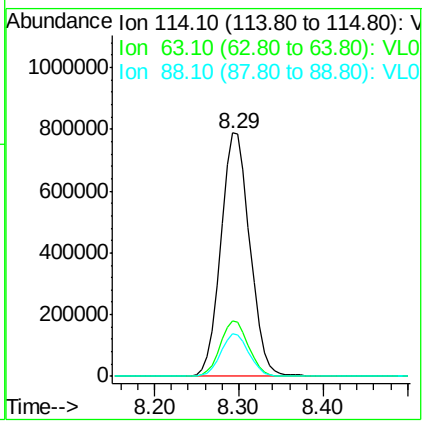


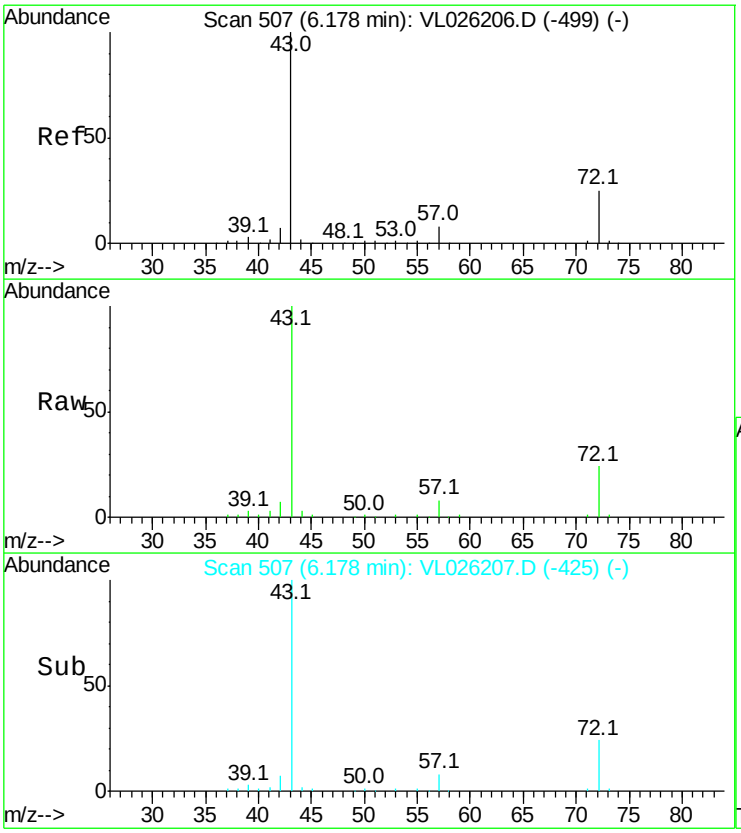
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 8.29 min Scan# 854
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:114 Resp: 1857860

Ion	Ratio	Lower	Upper
114	100		
63	22.4	17.9	26.9
88	16.9	13.6	20.4

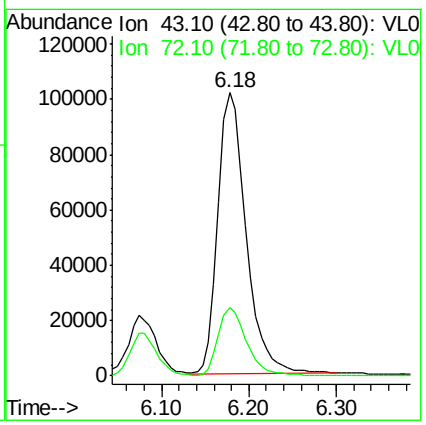


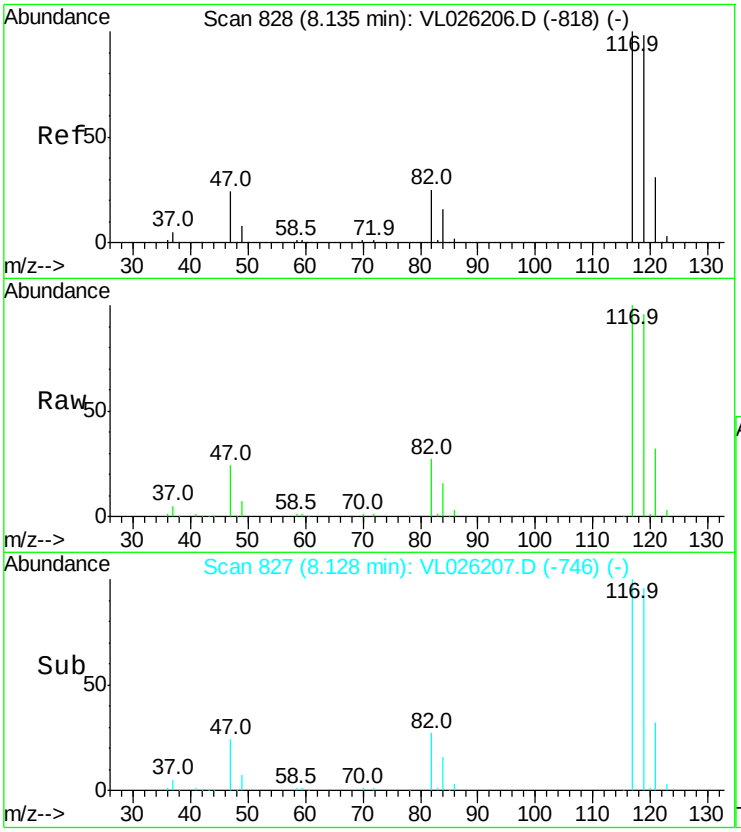


#34
2-Butanone
Concen: 2.22 ppbv
RT: 6.18 min Scan# 507
Delta R.T. -0.00 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Tgt Ion: 43 Resp: 227896

Ion	Ratio	Lower	Upper
43	100		
72	25.1	20.2	30.4



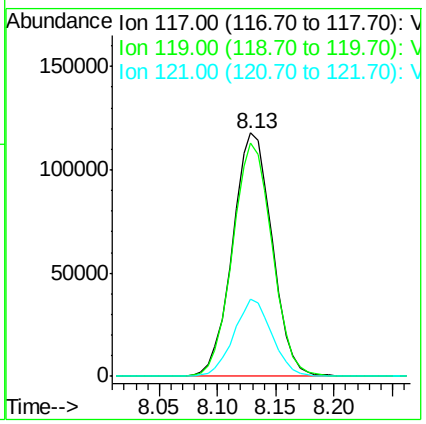


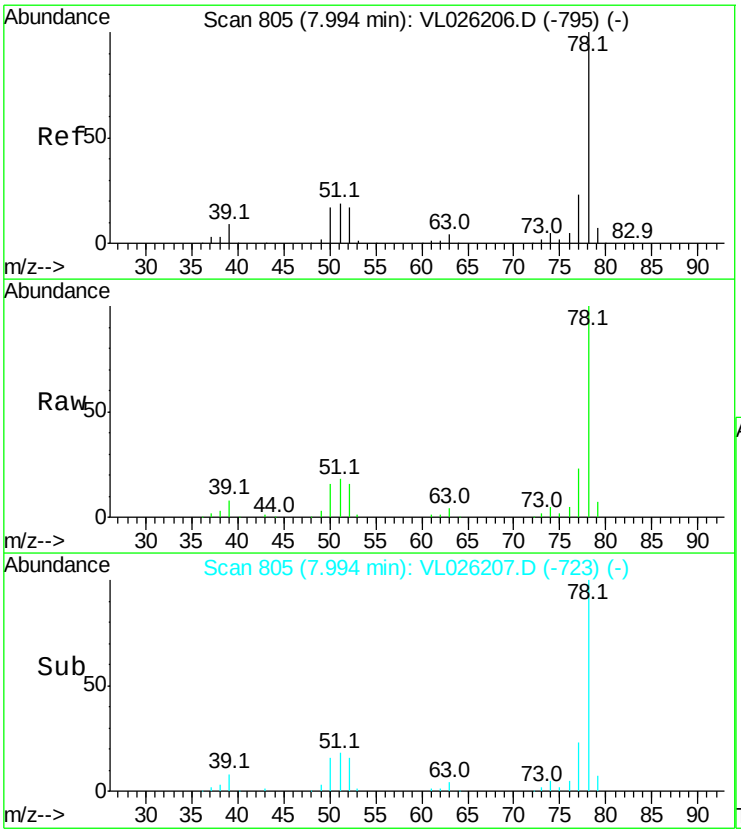
#35
Carbon Tetrachloride
Concen: 2.34 ppbv
RT: 8.13 min Scan# 827
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:117 Resp: 278889

Ion	Ratio	Lower	Upper
117	100		
119	95.6	78.3	117.5
121	31.9	25.0	37.6

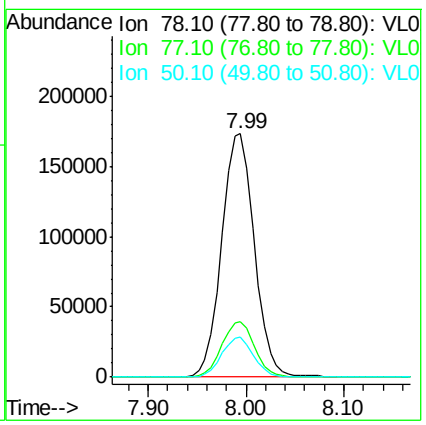


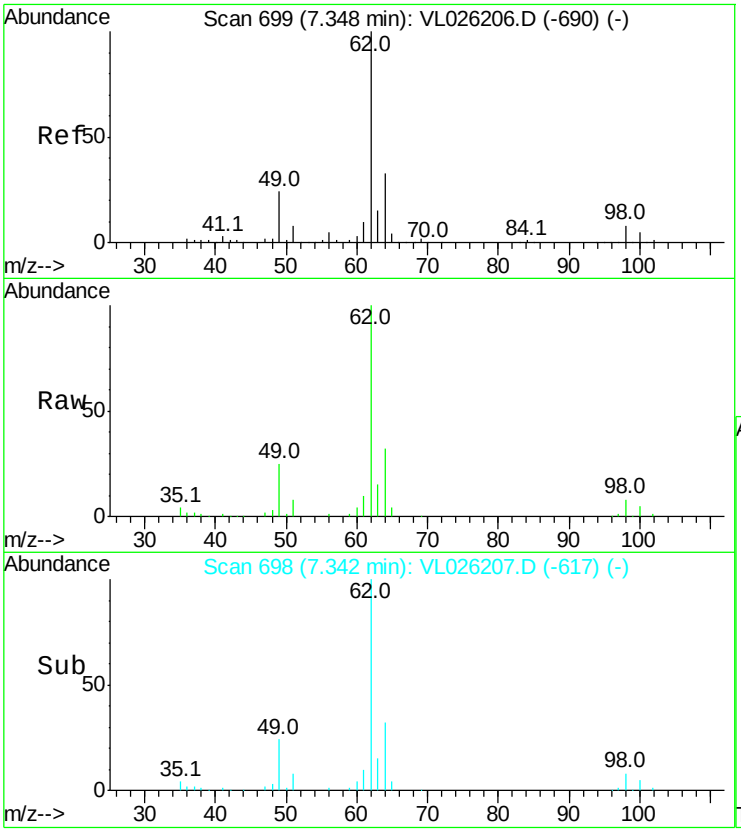


#36
Benzene
Concen: 2.25 ppbv
RT: 7.99 min Scan# 805
Delta R.T. -0.00 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Tgt Ion: 78 Resp: 402182

Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.1	27.1
50	16.5	13.4	20.0



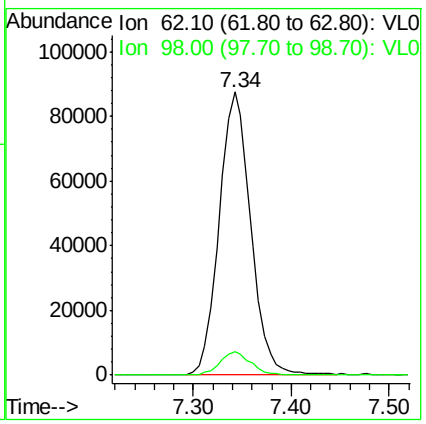


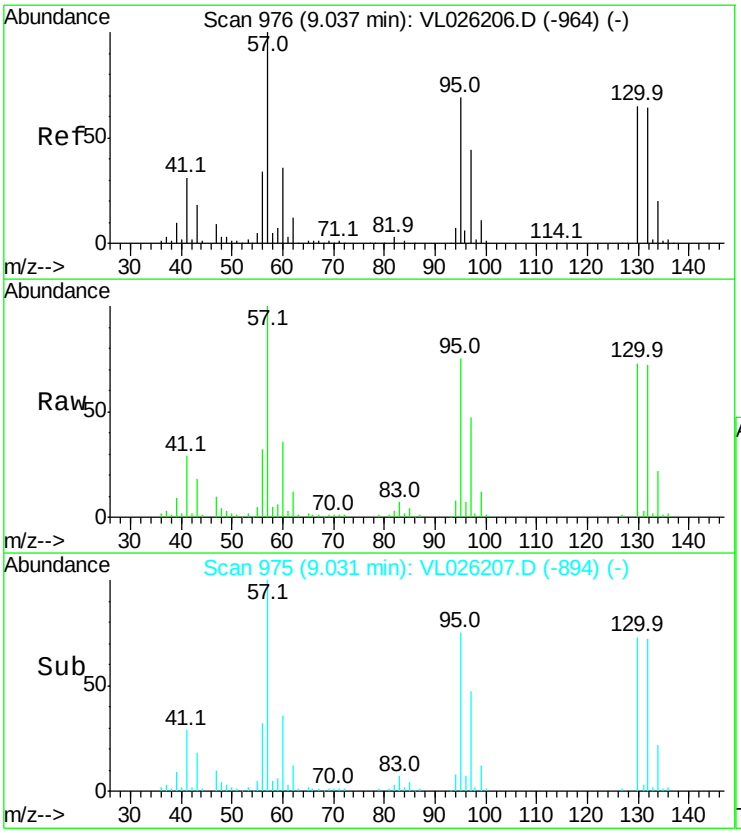
#37
1,2-Dichloroethane
Concen: 2.06 ppbv
RT: 7.34 min Scan# 698
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 62 Resp: 195657

Ion	Ratio	Lower	Upper
62	100		
98	8.0	6.2	9.4

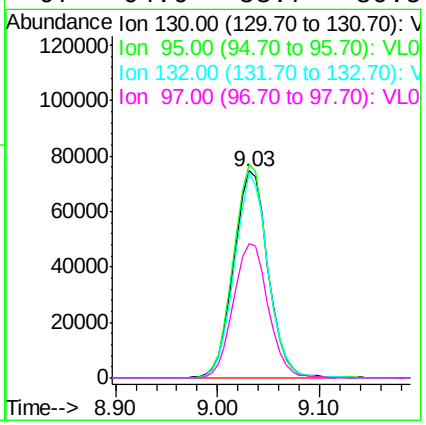


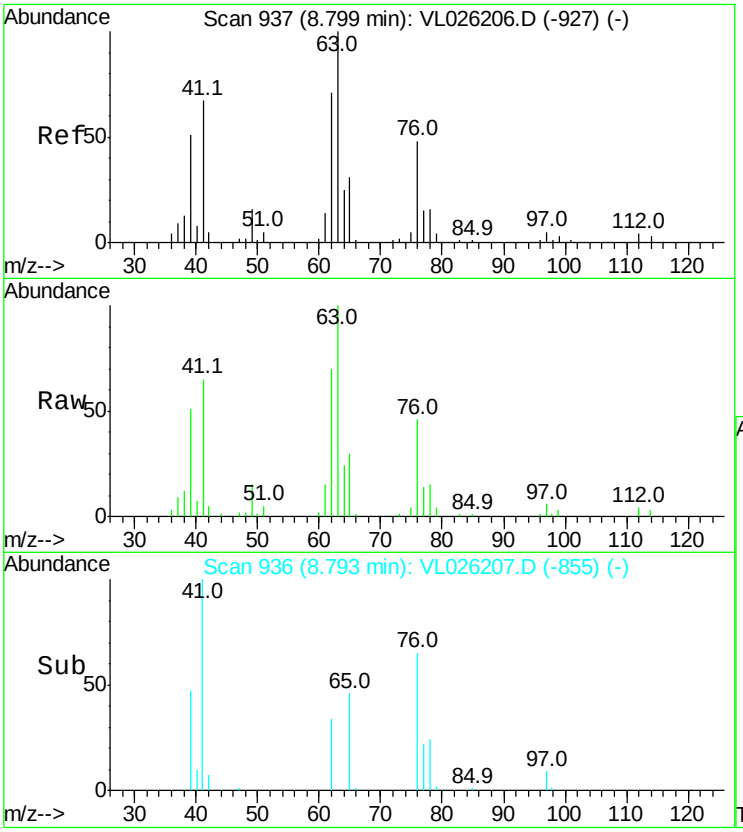


#38
Trichloroethene
Concen: 2.13 ppbv
RT: 9.03 min Scan# 975
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Tgt Ion:130 Resp: 175160

Ion	Ratio	Lower	Upper
130	100		
95	103.1	84.2	126.2
132	99.6	78.5	117.7
97	64.6	53.7	80.5



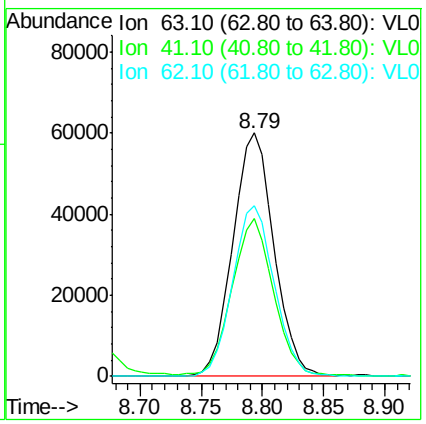


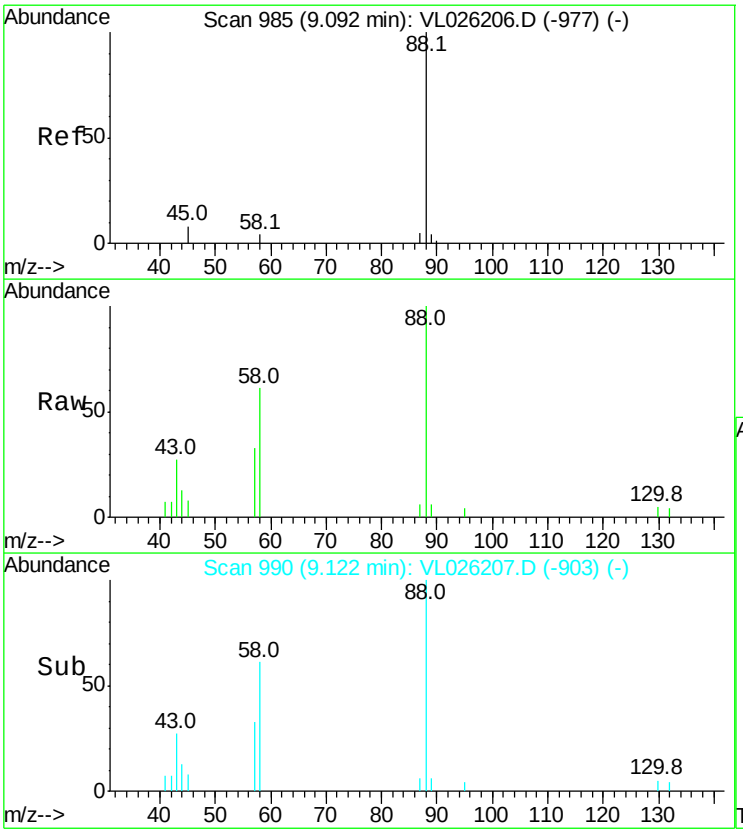
#39
1,2-Dichloropropane
Concen: 2.13 ppbv
RT: 8.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 63 Resp: 140204

Ion	Ratio	Lower	Upper
63	100		
41	64.3	54.0	81.0
62	70.1	56.7	85.1

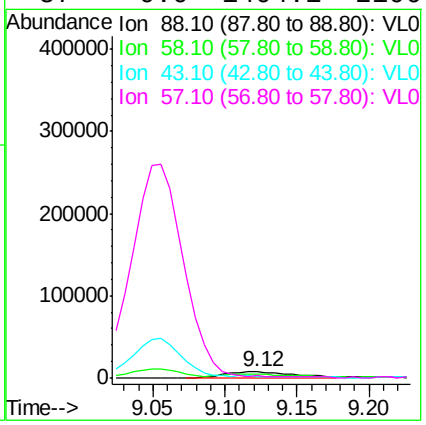


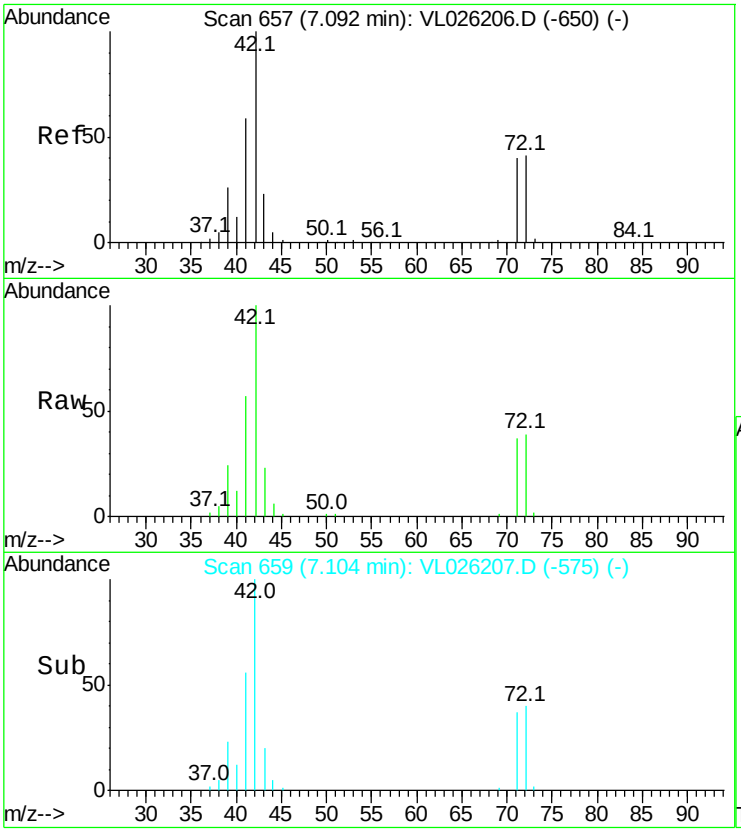


#40
1,4-Dioxane
Concen: 2.11 ppbv
RT: 9.12 min Scan# 990
Delta R.T. 0.03 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Tgt Ion: 88 Resp: 25871

Ion	Ratio	Lower	Upper
88	100		
58	79.9	115.9	173.9#
43	0.0	279.4	419.0#
57	0.0	1404.1	2106.1#



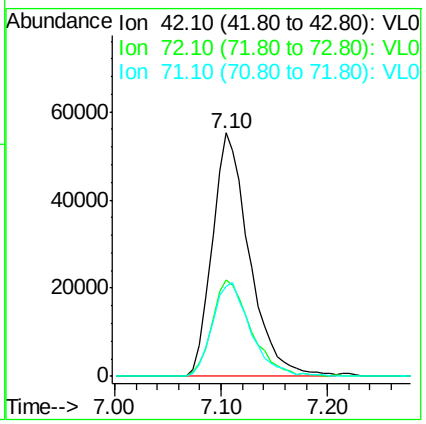


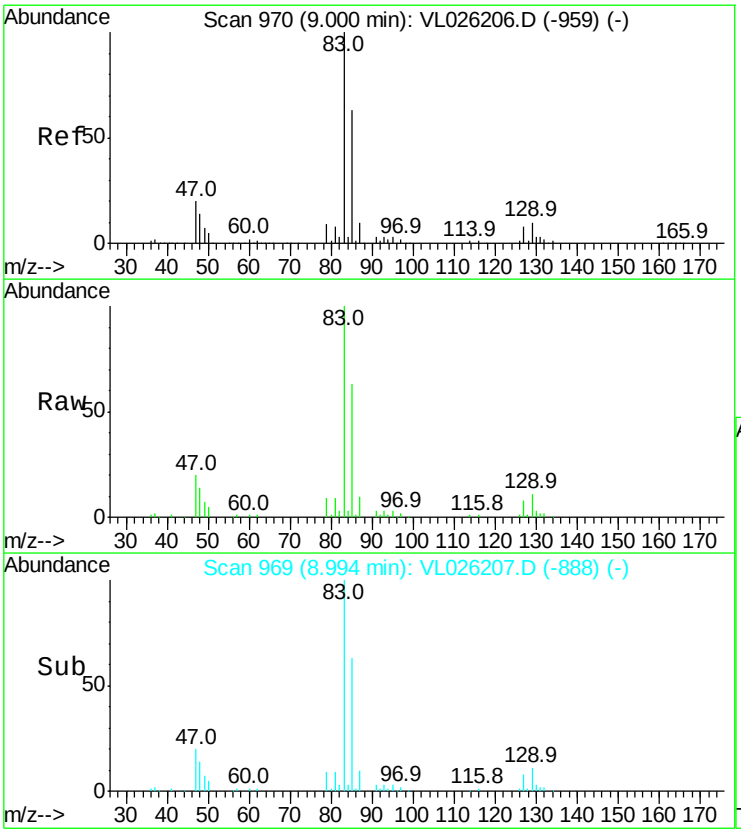
#41
Tetrahydrofuran
Concen: 2.32 ppbv
RT: 7.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 42 Resp: 133377

Ion	Ratio	Lower	Upper
42	100		
72	41.3	33.8	50.6
71	39.8	32.3	48.5

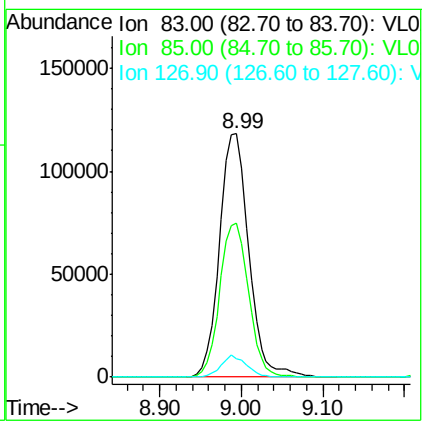


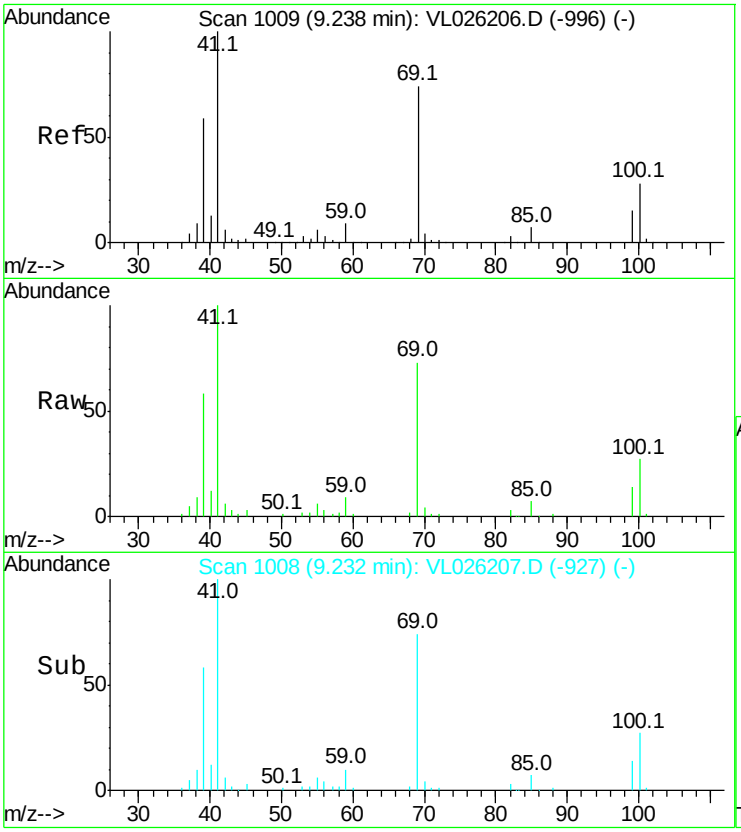


#42
Bromodichloromethane
Concen: 2.32 ppbv
RT: 8.99 min Scan# 969
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Tgt Ion: 83 Resp: 294673

Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.6	75.8
127	7.6	6.5	9.7



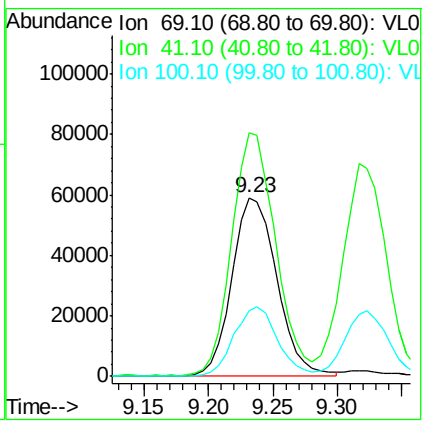


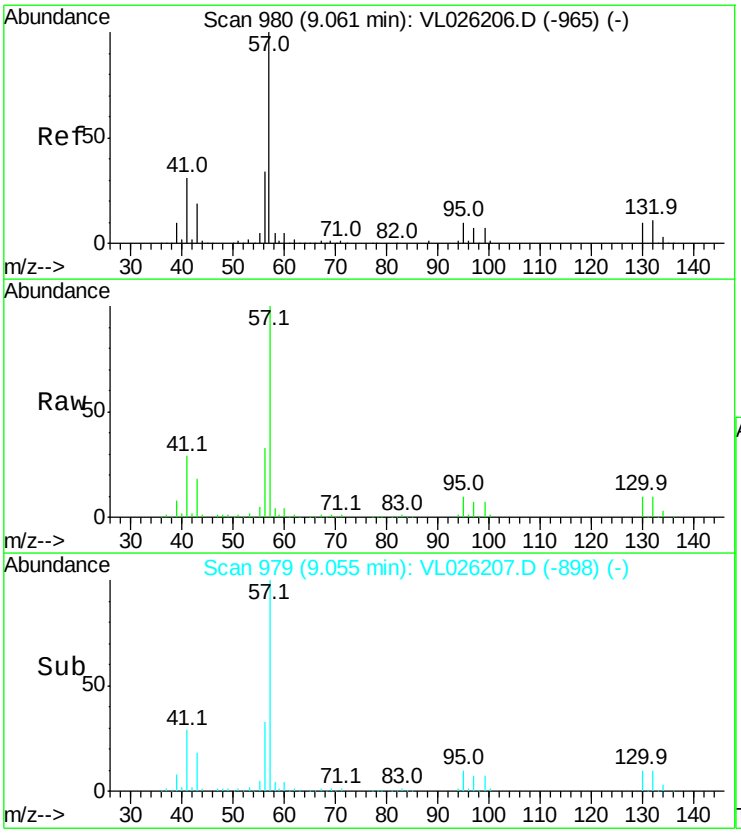
#43
Methyl Methacrylate
Concen: 2.29 ppbv
RT: 9.23 min Scan# 1008
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 69 Resp: 143567

Ion	Ratio	Lower	Upper
69	100		
41	132.2	109.0	163.4
100	37.3	31.0	46.6

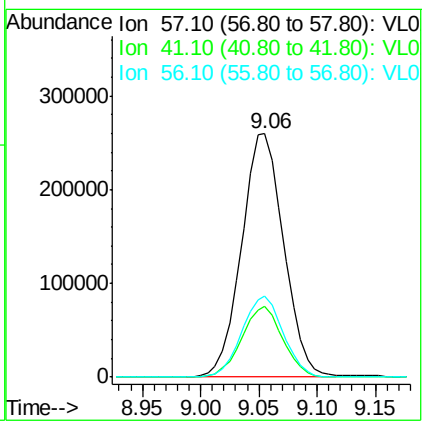


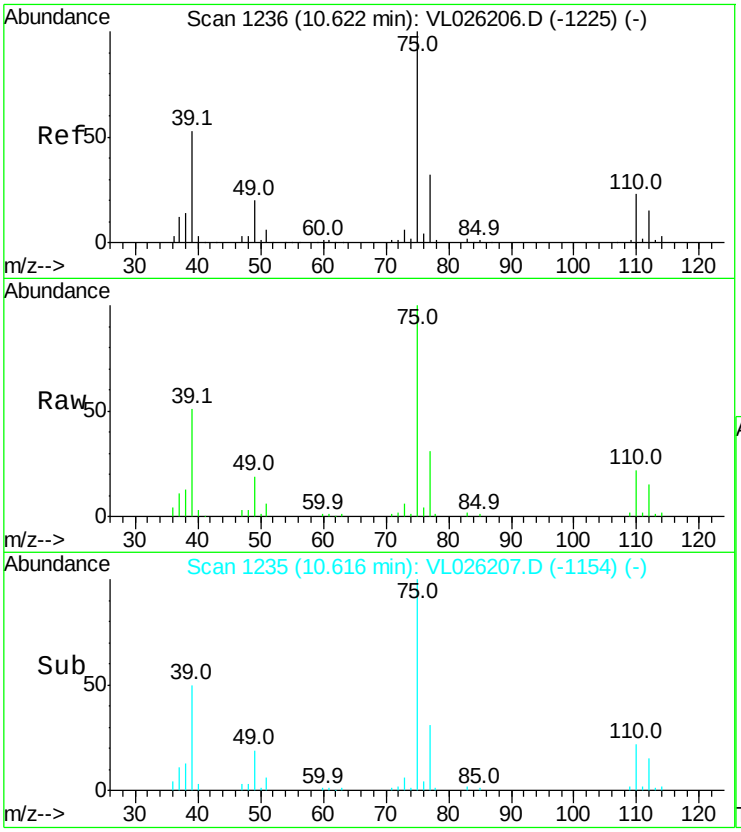


#44
2,2,4-Trimethylpentane
Concen: 2.21 ppbv
RT: 9.06 min Scan# 979
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Tgt Ion: 57 Resp: 653827

Ion	Ratio	Lower	Upper
57	100		
41	28.6	24.0	36.0
56	32.7	26.6	39.8



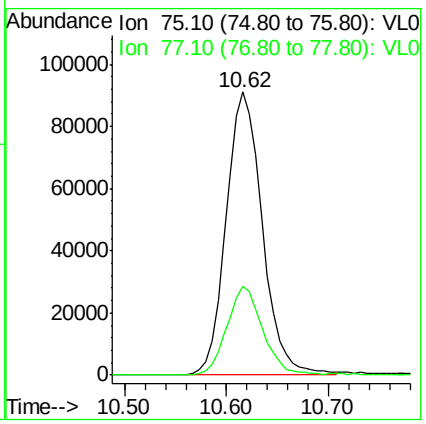


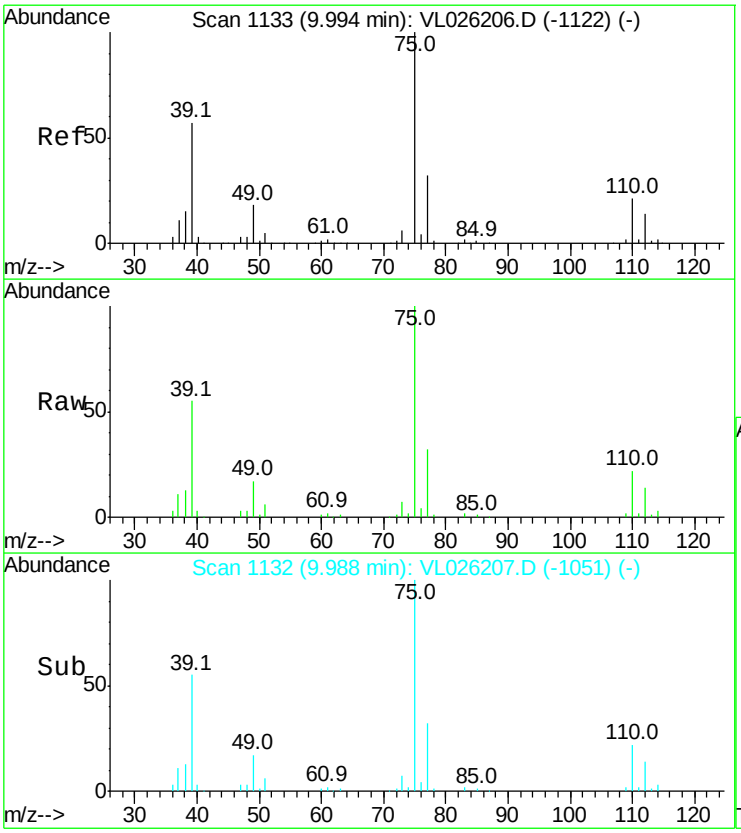
#45
t-1,3-Dichloropropene
Concen: 2.56 ppbv
RT: 10.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 75 Resp: 223833

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.5	38.3

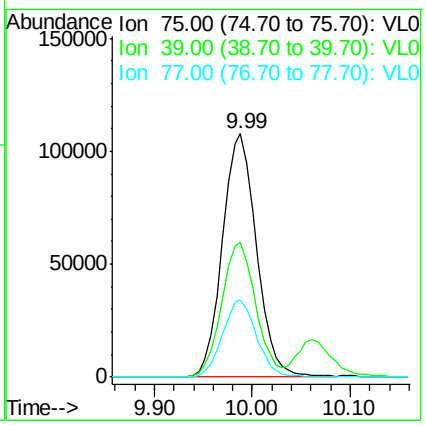


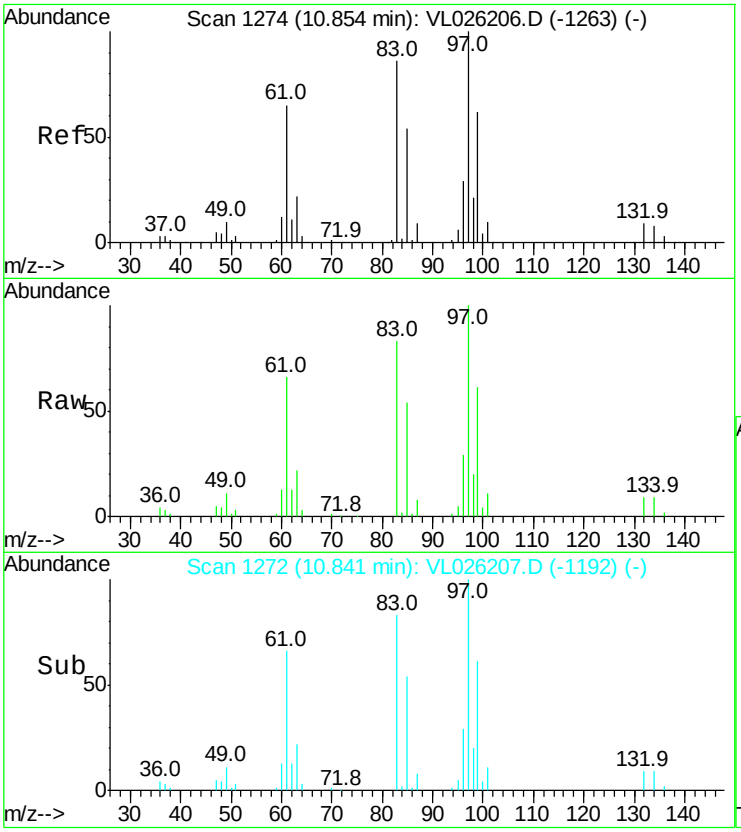


#46
cis-1,3-Dichloropropene
Concen: 2.43 ppbv
RT: 9.99 min Scan# 1132
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Tgt Ion: 75 Resp: 260593

Ion	Ratio	Lower	Upper
75	100		
39	55.2	45.3	67.9
77	31.5	25.3	37.9



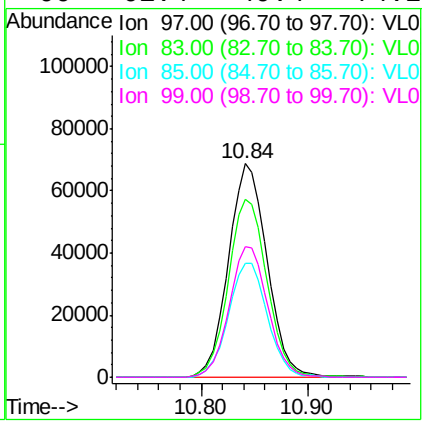


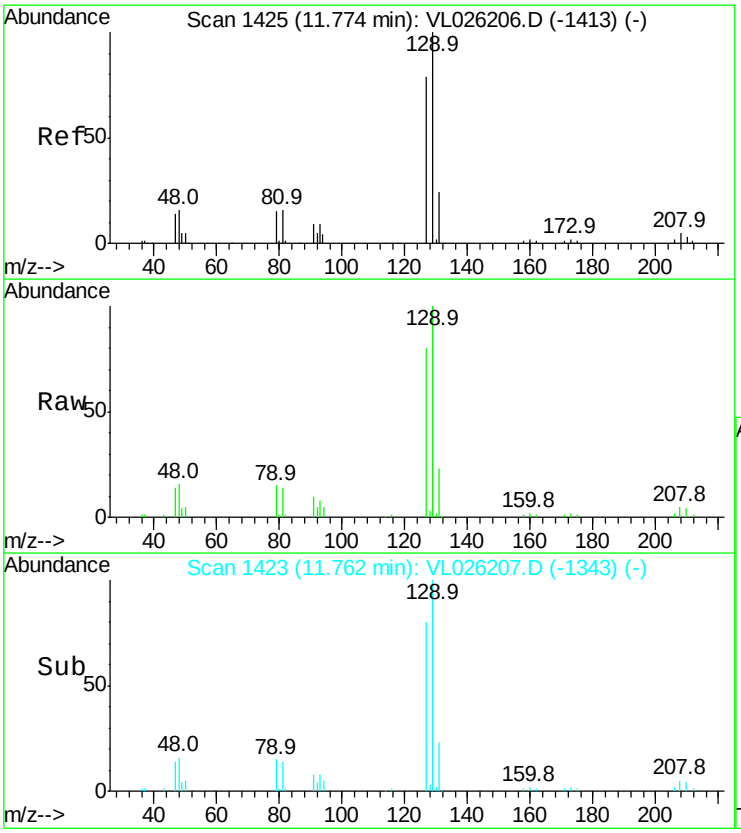
#47
1,1,2-Trichloroethane
Concen: 2.20 ppbv
RT: 10.84 min Scan# 1272
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 97 Resp: 175128

Ion	Ratio	Lower	Upper
97	100		
83	83.2	68.6	103.0
85	53.6	43.5	65.3
99	61.4	49.4	74.2

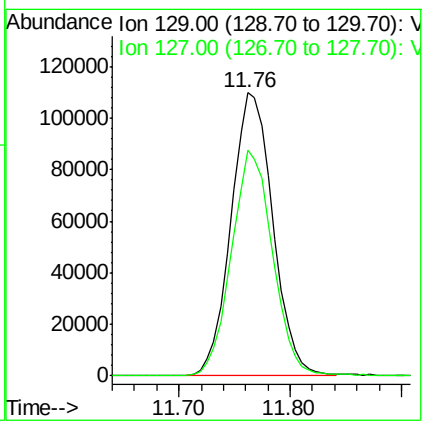


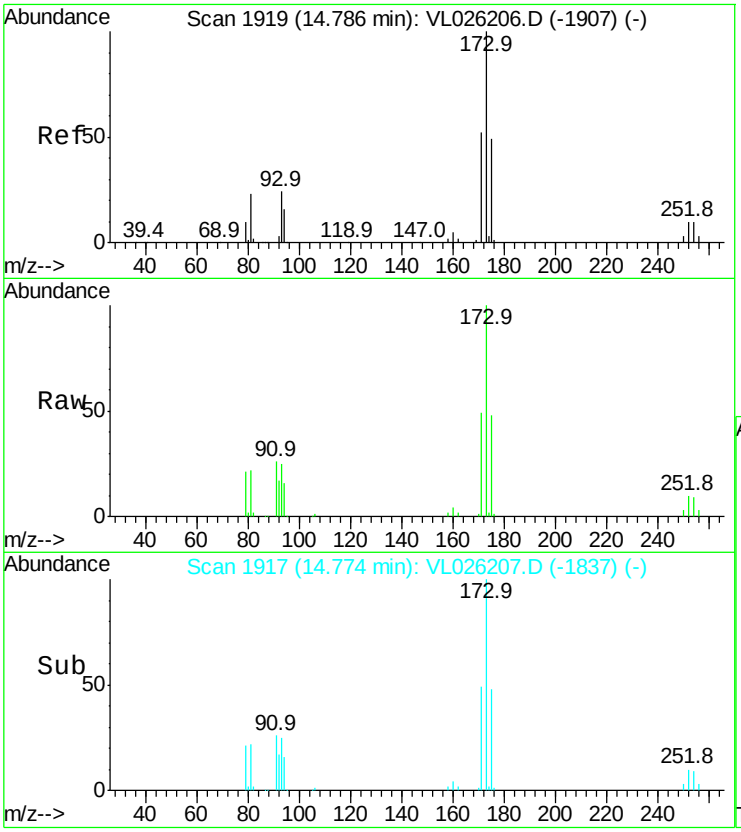


#48
Dibromochloromethane
Concen: 2.51 ppbv
RT: 11.76 min Scan# 1423
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Tgt Ion:129 Resp: 287015

Ion	Ratio	Lower	Upper
129	100		
127	78.5	39.2	117.6



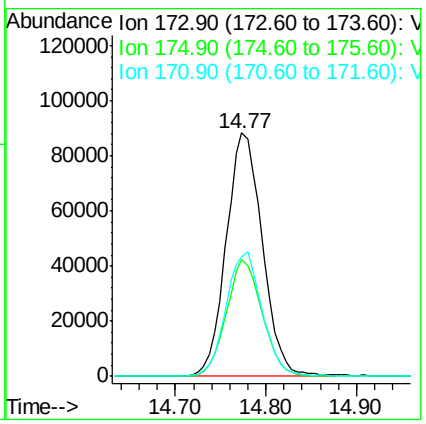


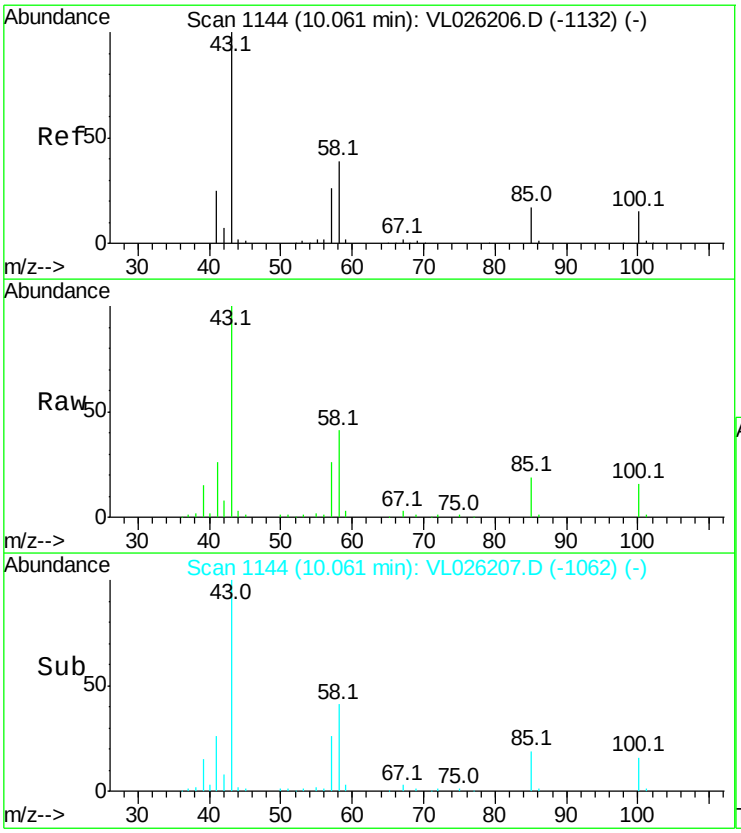
#49
Bromoform
Concen: 2.78 ppbv
RT: 14.77 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:173 Resp: 244303

Ion	Ratio	Lower	Upper
173	100		
175	47.3	38.7	58.1
171	51.0	41.4	62.0

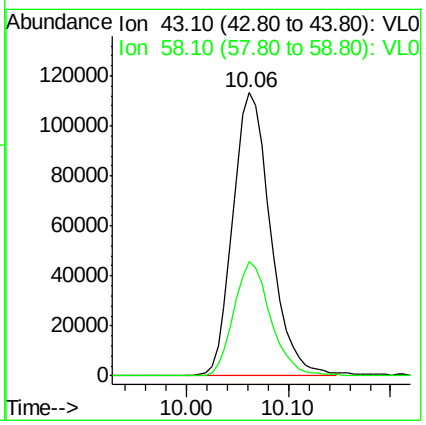


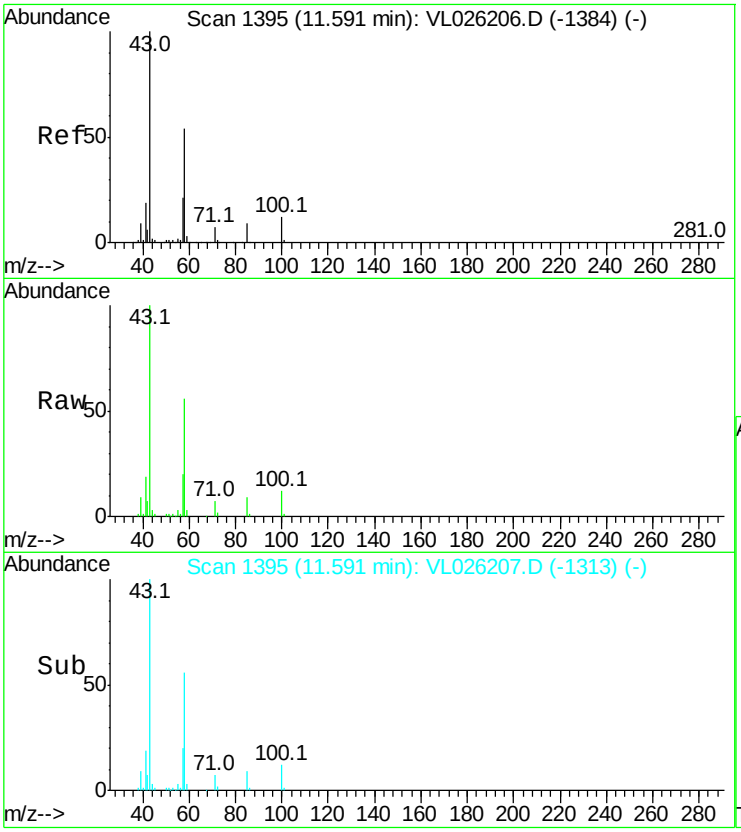


#50
4-Methyl-2-Pentanone
Concen: 2.14 ppbv
RT: 10.06 min Scan# 1144
Delta R.T. -0.00 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Tgt Ion: 43 Resp: 290810

Ion	Ratio	Lower	Upper
43	100		
58	39.8	31.3	46.9



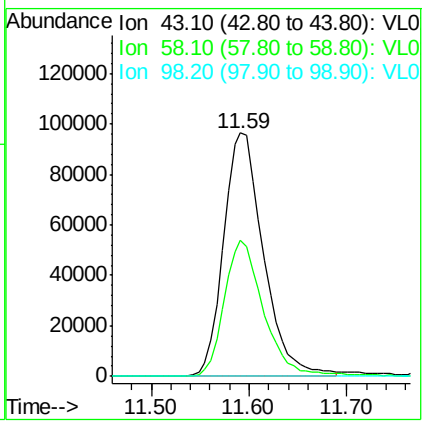


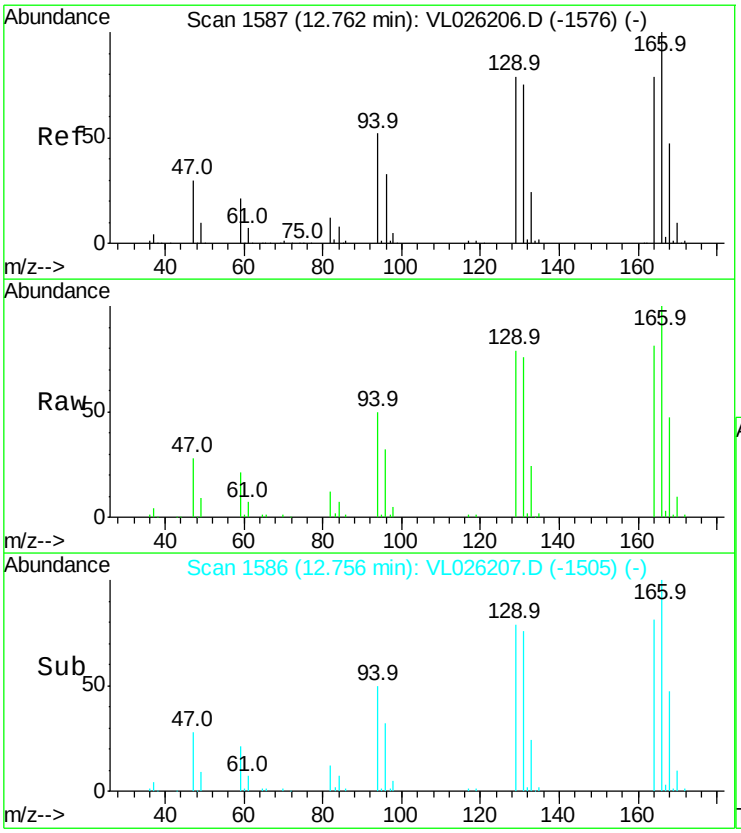
#51
2-Hexanone
Concen: 2.25 ppbv
RT: 11.59 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 273003

Ion	Ratio	Lower	Upper
43	100		
58	55.4	43.9	65.9
98	0.0	0.1	0.1#

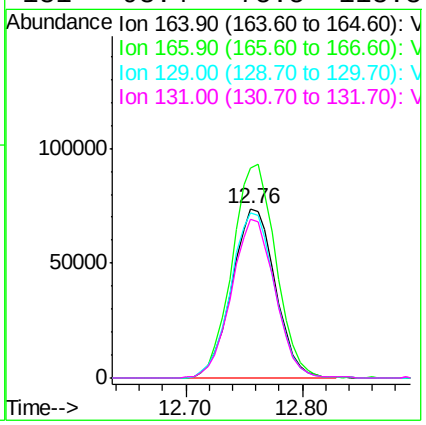


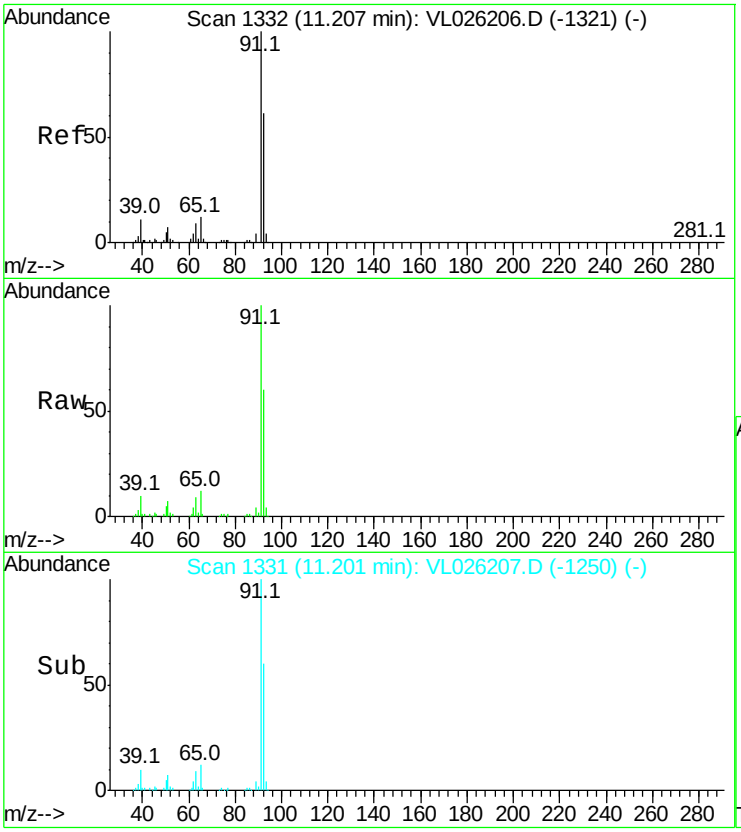


#52
Tetrachloroethene
Concen: 2.17 ppbv
RT: 12.76 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Tgt Ion:164 Resp: 191813

Ion	Ratio	Lower	Upper
164	100		
166	124.0	100.9	151.3
129	97.5	79.7	119.5
131	93.4	75.5	113.3



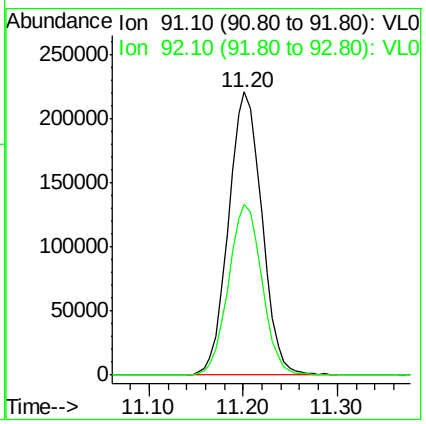


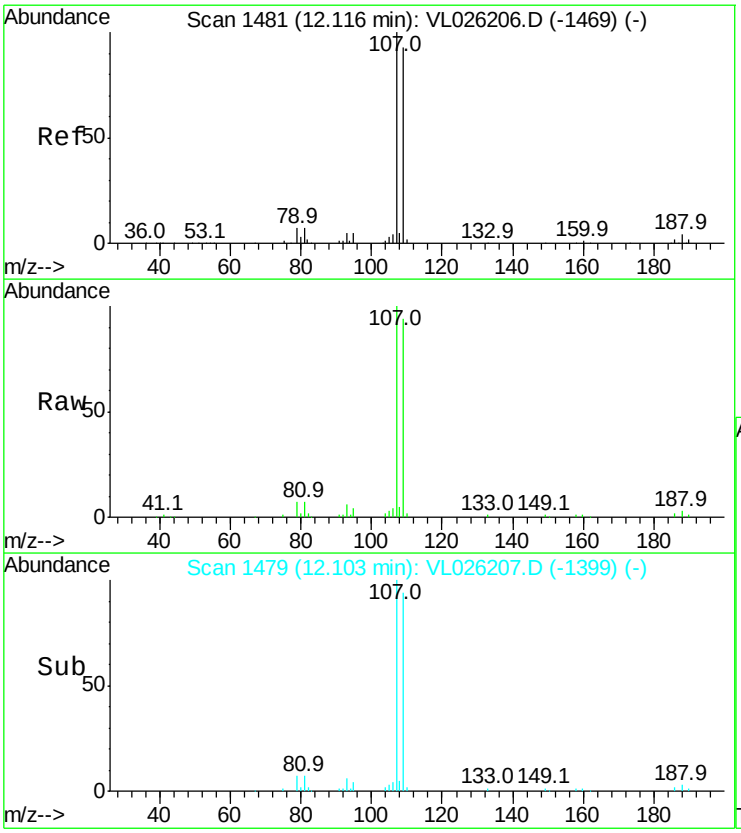
#53
Toluene
Concen: 2.37 ppbv
RT: 11.20 min Scan# 1331
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 546783

Ion	Ratio	Lower	Upper
91	100		
92	60.5	49.0	73.6

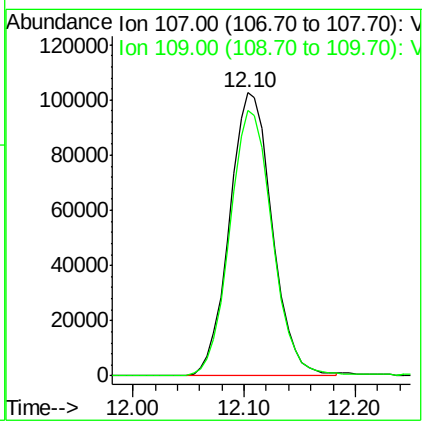


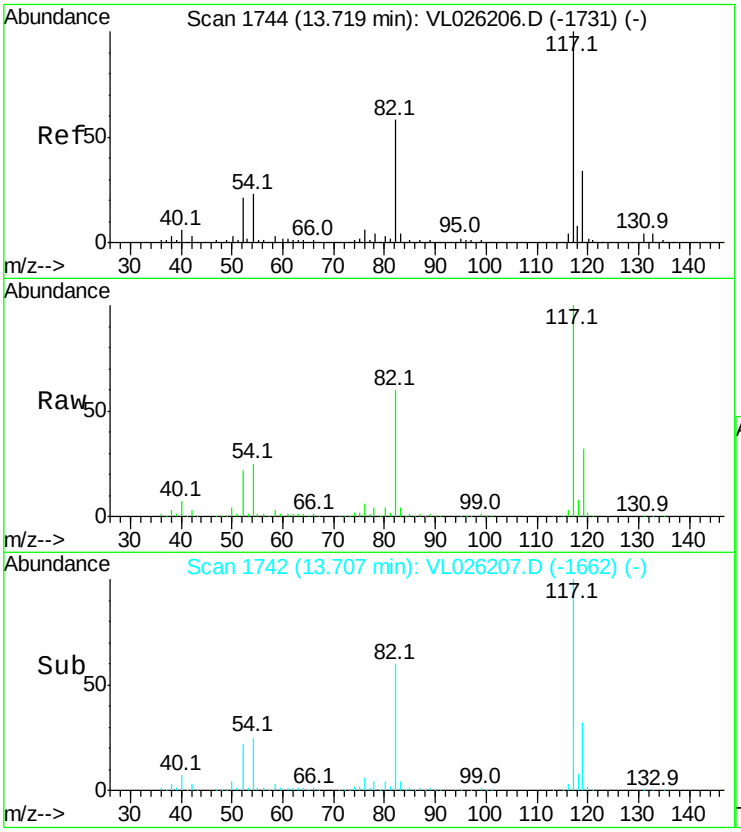


#54
1,2-Dibromoethane
Concen: 2.28 ppbv
RT: 12.10 min Scan# 1479
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Tgt Ion:107 Resp: 272099

Ion	Ratio	Lower	Upper
107	100		
109	94.0	74.6	112.0



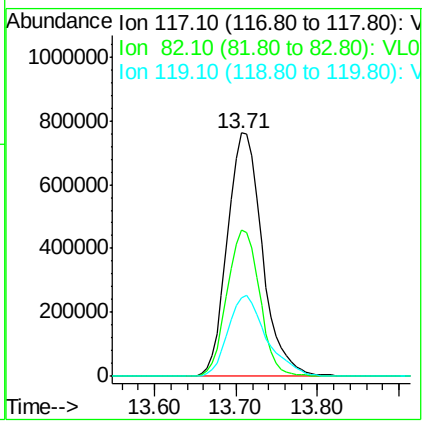


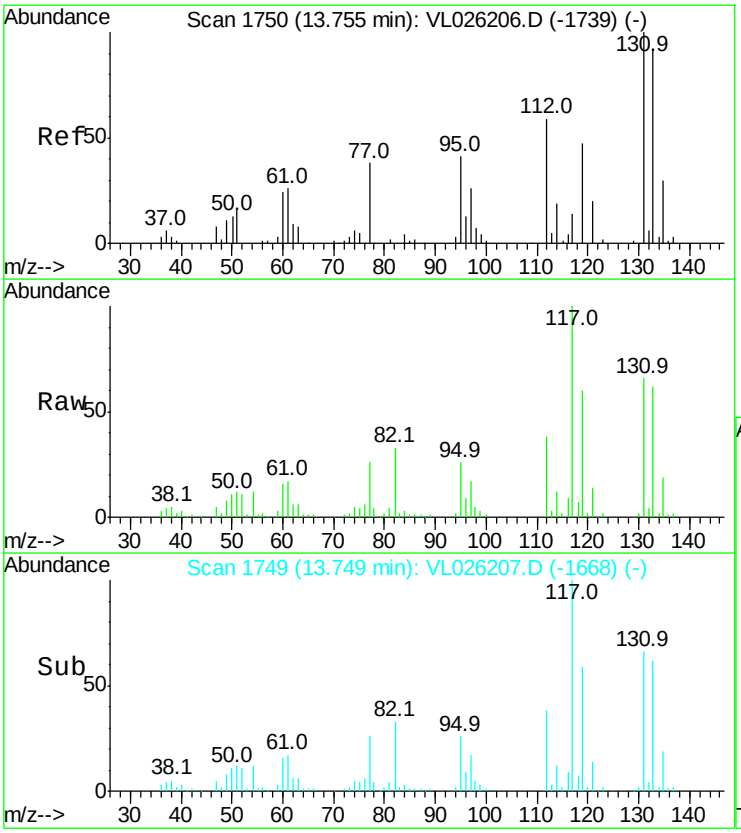
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.71 min Scan# 1742
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:117 Resp: 2261578

Ion	Ratio	Lower	Upper
117	100		
82	56.7	46.3	69.5
119	36.7	45.0	67.4#

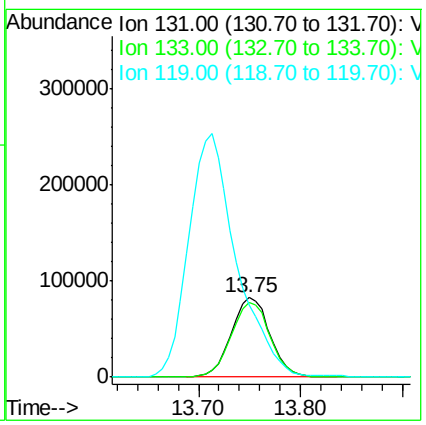


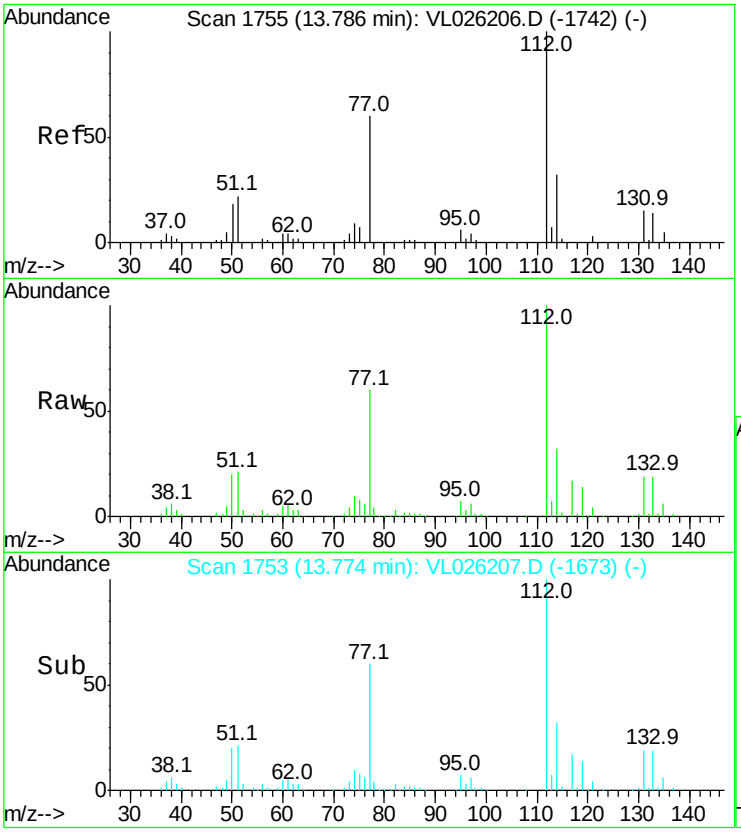


#56
1,1,1,2-Tetrachloroethane
Concen: 2.34 ppbv
RT: 13.75 min Scan# 1749
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Tgt Ion:131 Resp: 215526

Ion	Ratio	Lower	Upper
131	100		
133	95.5	76.1	114.1
119	384.2	109.4	164.2#



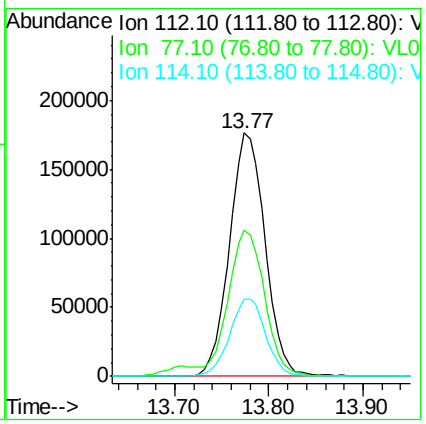


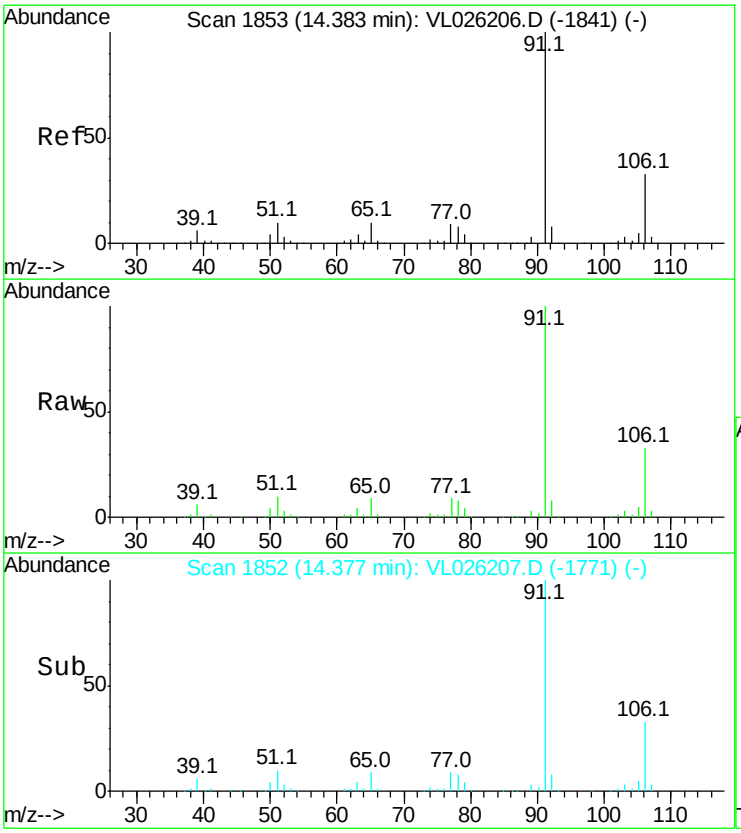
#57
Chlorobenzene
Concen: 2.26 ppbv
RT: 13.77 min Scan# 1753
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:112 Resp: 465780

Ion	Ratio	Lower	Upper
112	100		
77	59.6	48.2	72.4
114	31.7	29.0	35.4

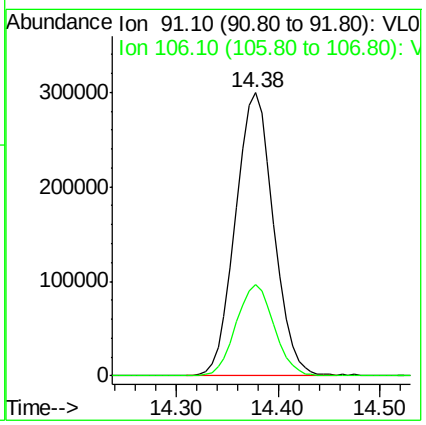


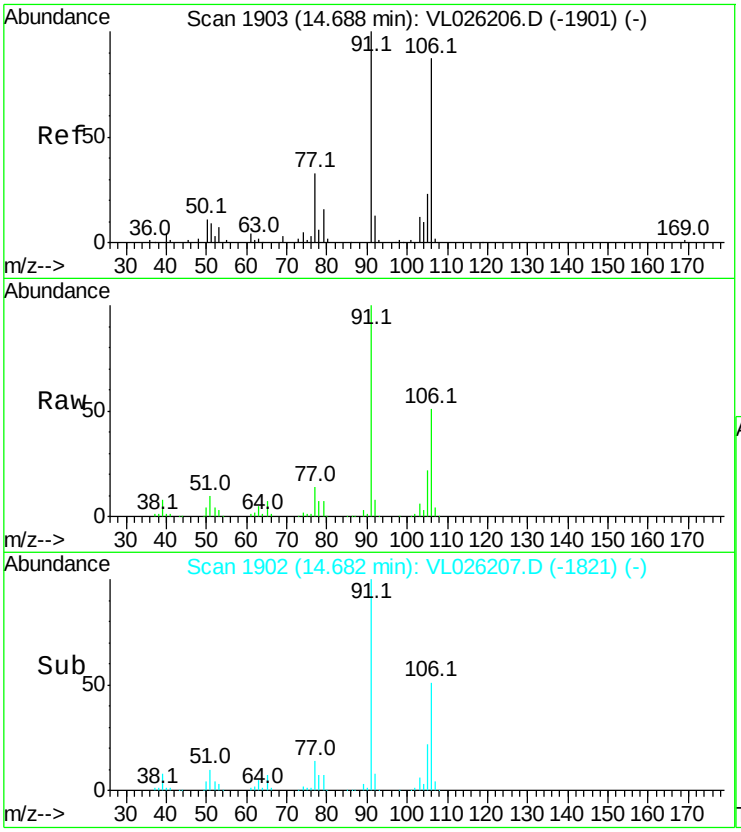


#58
Ethyl Benzene
Concen: 2.35 ppbv
RT: 14.38 min Scan# 1852
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Tgt Ion: 91 Resp: 778041

Ion	Ratio	Lower	Upper
91	100		
106	32.5	26.2	39.2



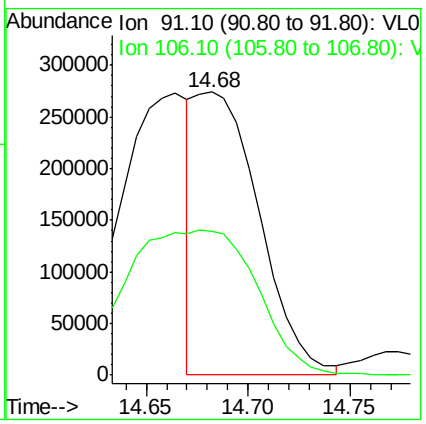


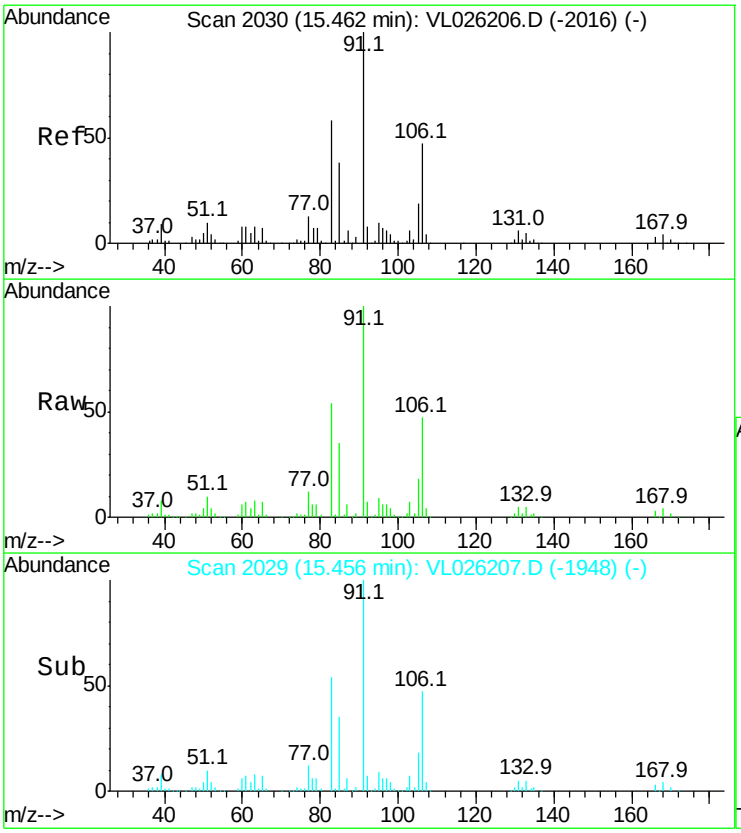
#59
m/p-Xylene
Concen: 2.22 ppbv
RT: 14.68 min Scan# 1902
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 591756

Ion	Ratio	Lower	Upper
91	100		
106	106.9	40.6	60.8#

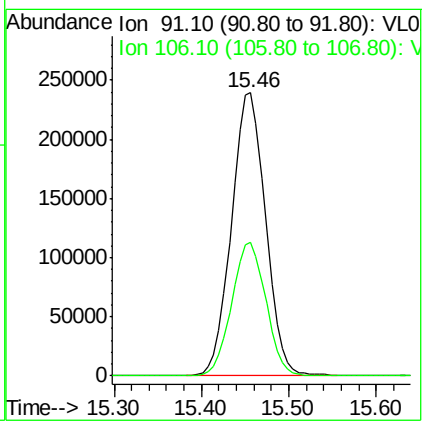


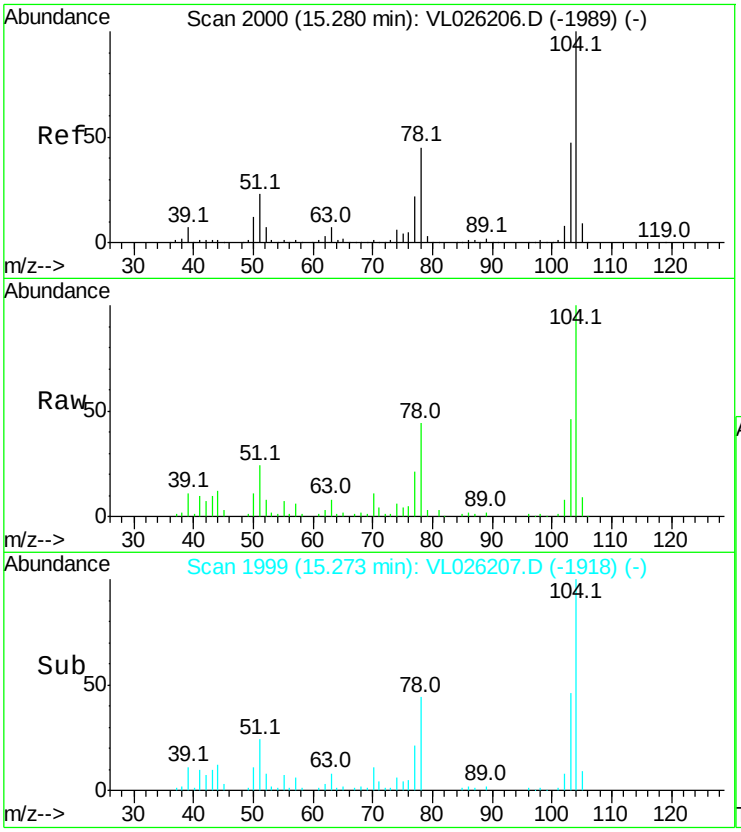


#60
o-Xylene
Concen: 2.33 ppbv
RT: 15.46 min Scan# 2029
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Tgt Ion: 91 Resp: 649147

Ion	Ratio	Lower	Upper
91	100		
106	47.4	23.6	71.0



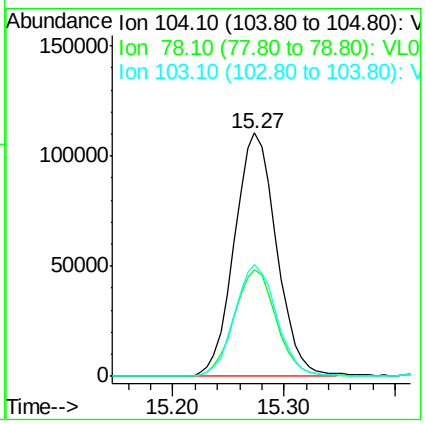


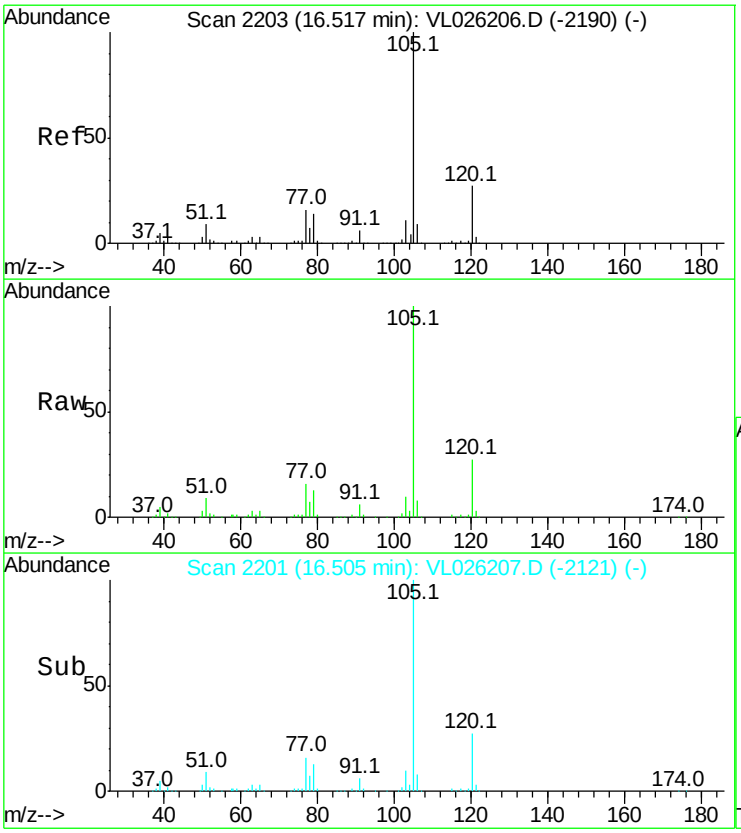
#61
Styrene
Concen: 2.52 ppbv
RT: 15.27 min Scan# 1999
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:104 Resp: 290626

Ion	Ratio	Lower	Upper
104	100		
78	43.7	35.6	53.4
103	46.2	37.1	55.7

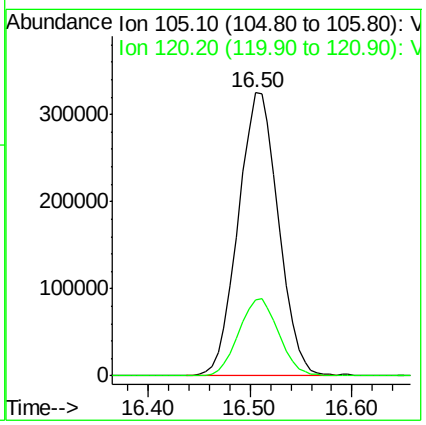


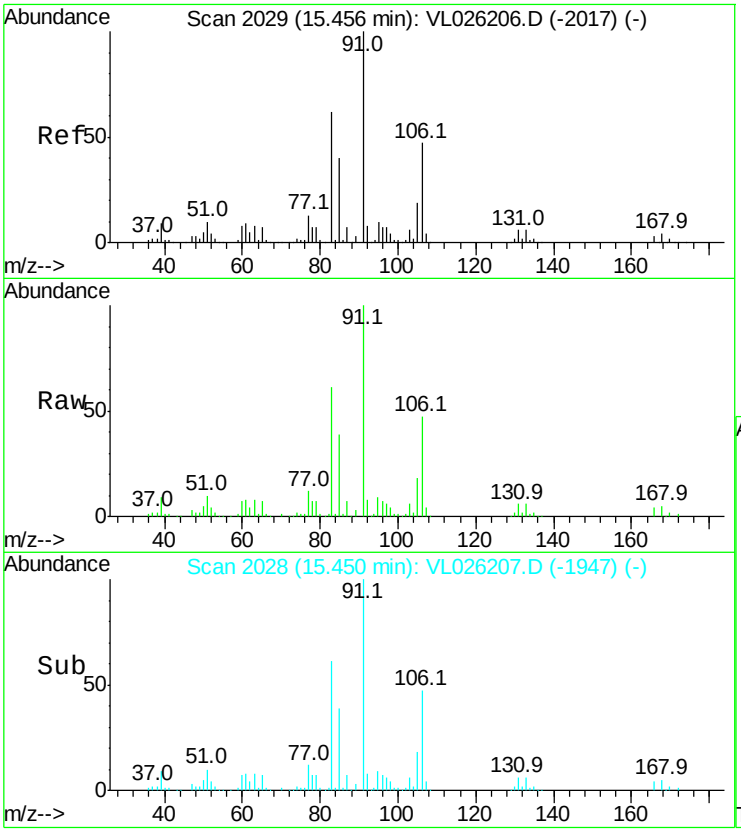


#62
Isopropylbenzene
Concen: 2.41 ppbv
RT: 16.50 min Scan# 2201
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Tgt Ion:105 Resp: 892985

Ion	Ratio	Lower	Upper
105	100		
120	27.2	21.8	32.6



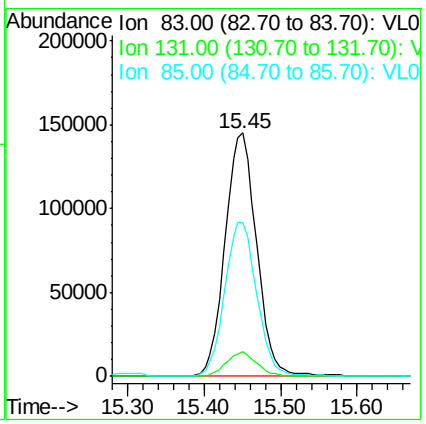


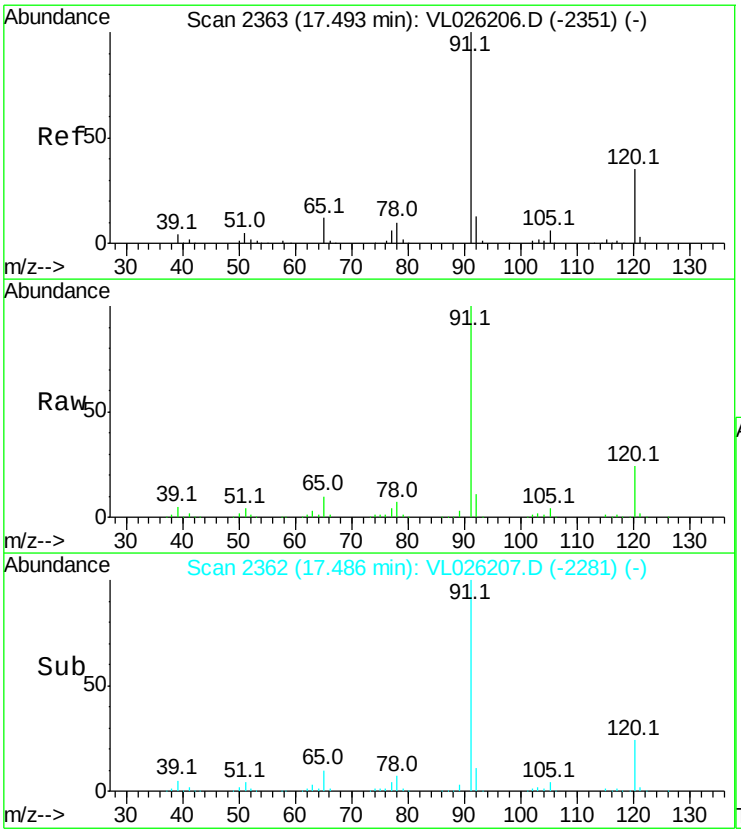
#63
1,1,2,2-Tetrachloroethane
Concen: 2.01 ppbv
RT: 15.45 min Scan# 2028
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 83 Resp: 414435

Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.9	14.7
85	64.4	32.3	96.8

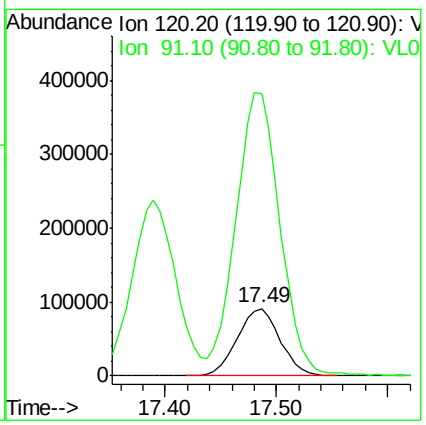


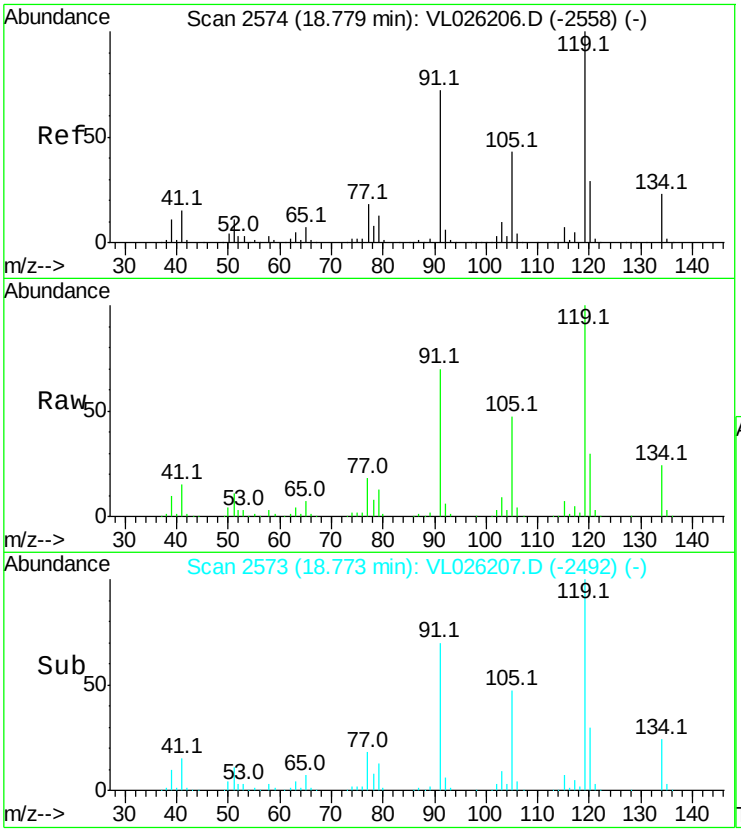


#64
n-propylbenzene
Concen: 2.45 ppbv
RT: 17.49 min Scan# 2362
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Tgt Ion:120 Resp: 244255

Ion	Ratio	Lower	Upper
120	100		
91	432.1	332.1	498.1



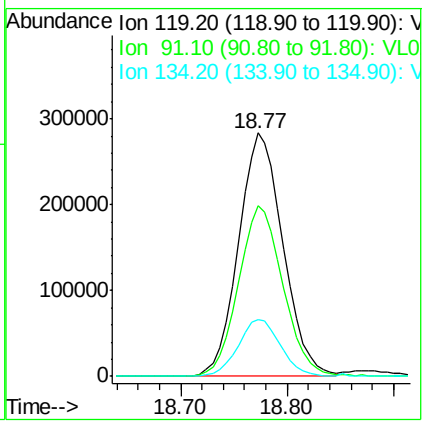


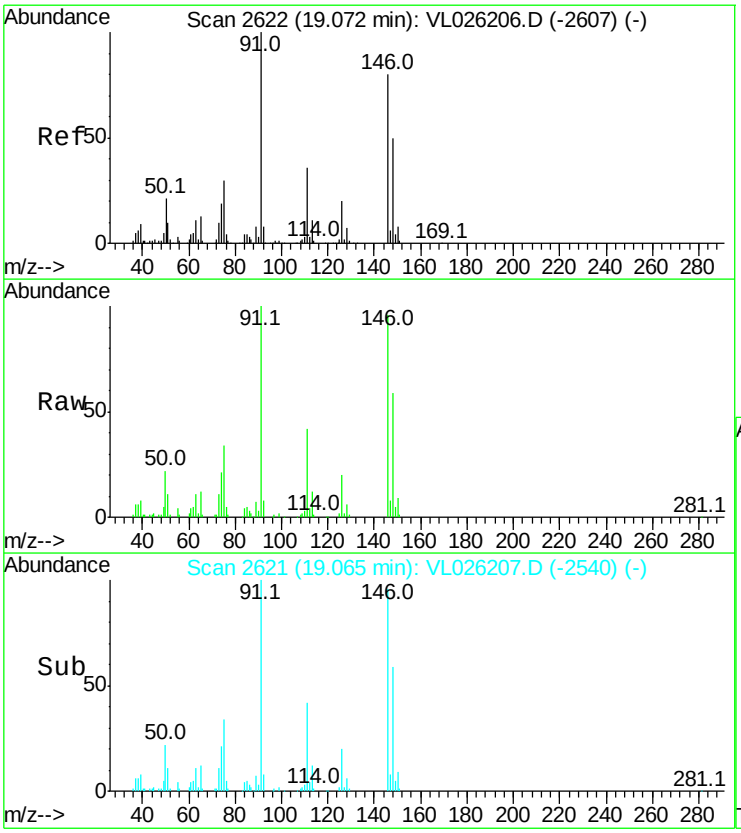
#65
tert-Butylbenzene
Concen: 2.53 ppbv
RT: 18.77 min Scan# 2573
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:119 Resp: 828027

Ion	Ratio	Lower	Upper
119	100		
91	70.3	57.6	86.4
134	22.5	17.8	26.6

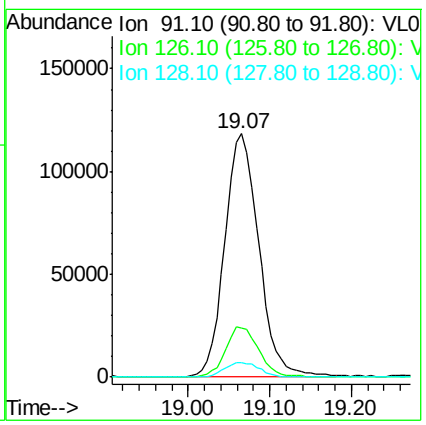


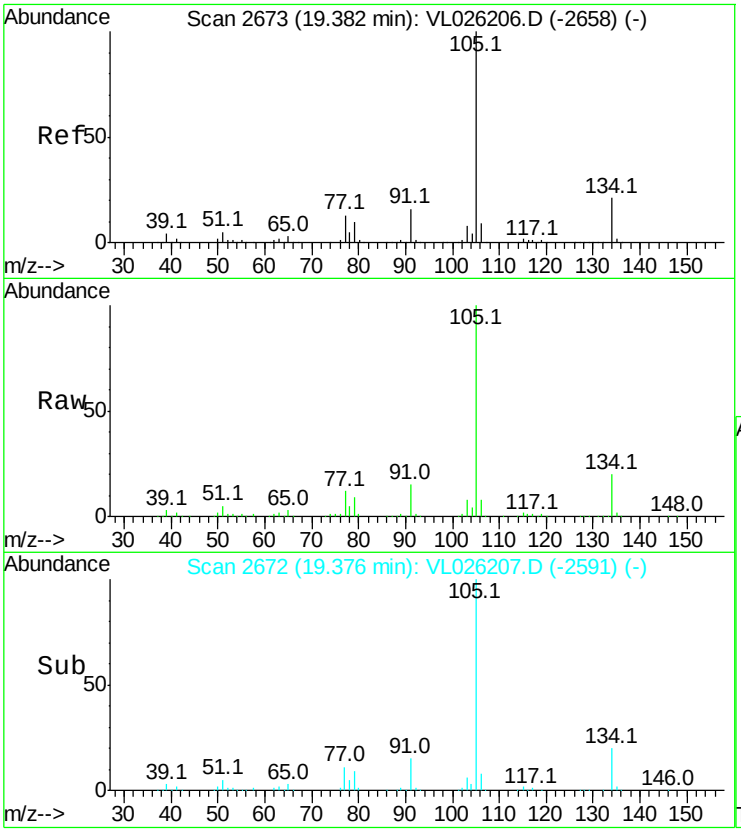


#66
Benzyl Chloride
Concen: 3.34 ppbv
RT: 19.07 min Scan# 2621
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Tgt Ion: 91 Resp: 343462

Ion	Ratio	Lower	Upper
91	100		
126	20.1	16.1	24.1
128	6.3	5.1	7.7



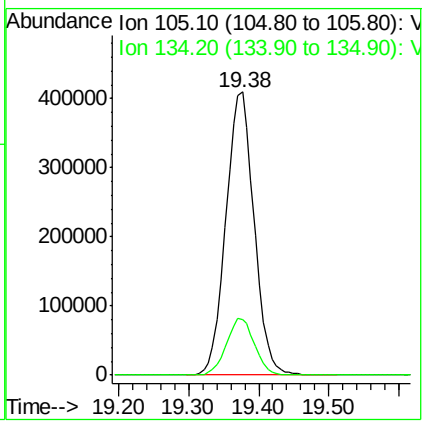


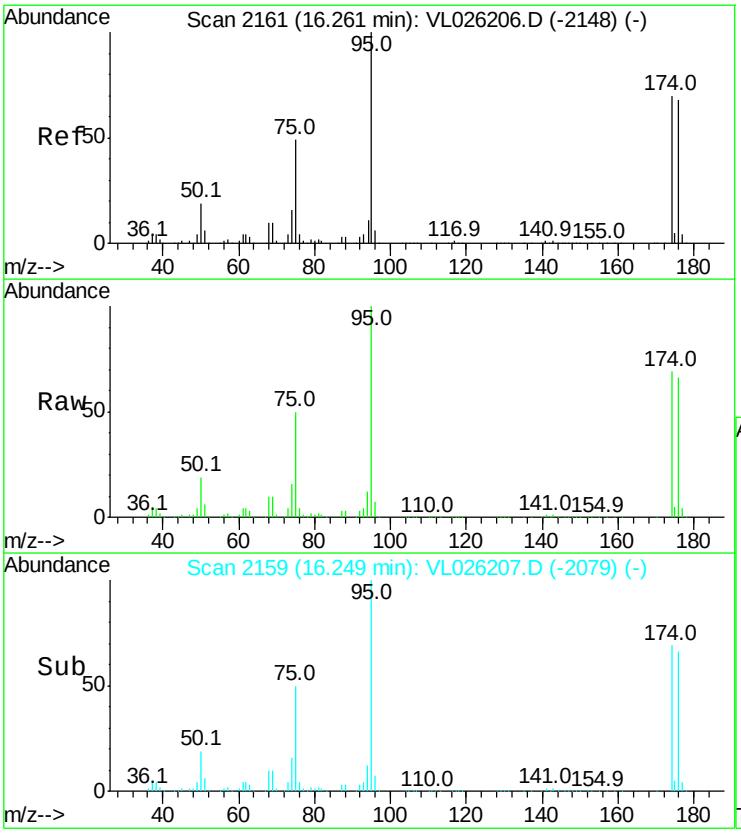
#67
sec-Butylbenzene
Concen: 2.52 ppbv
RT: 19.38 min Scan# 2672
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:105 Resp: 1146174

Ion	Ratio	Lower	Upper
105	100		
134	19.9	16.3	24.5

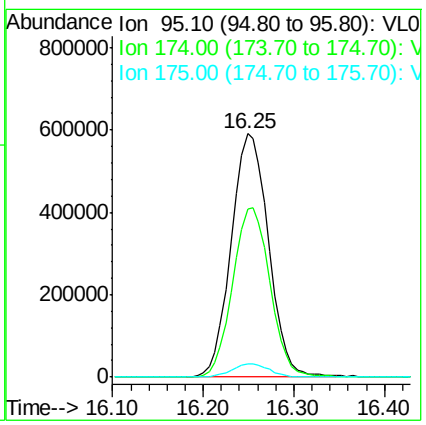


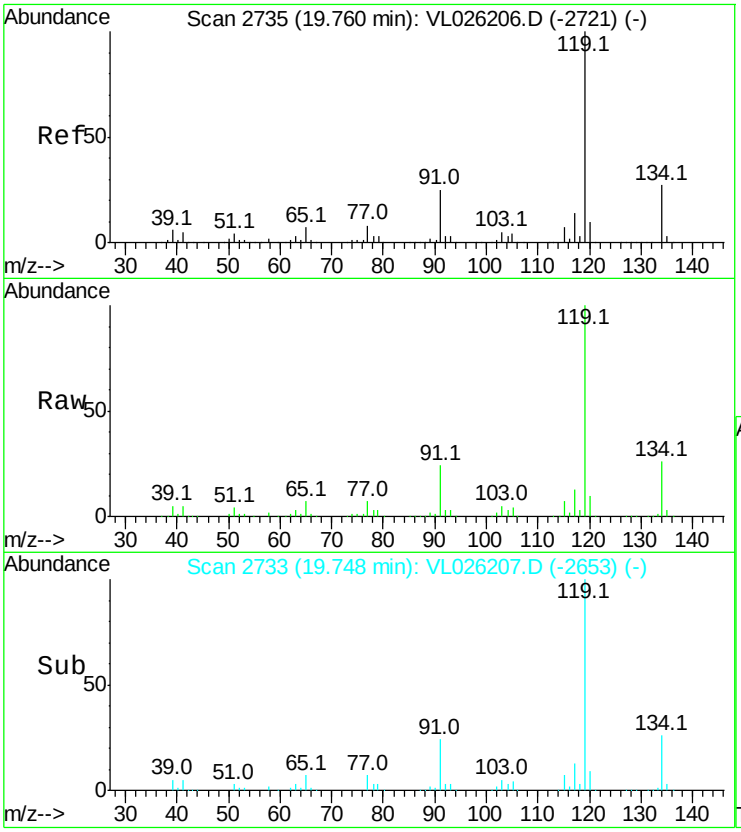


#68
1-Bromo-4-Fluorobenzene
Concen: 9.77 ppbv
RT: 16.25 min Scan# 2159
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Tgt Ion: 95 Resp: 1697755

Ion	Ratio	Lower	Upper
95	100		
174	70.2	56.2	84.2
175	5.4	4.3	6.5



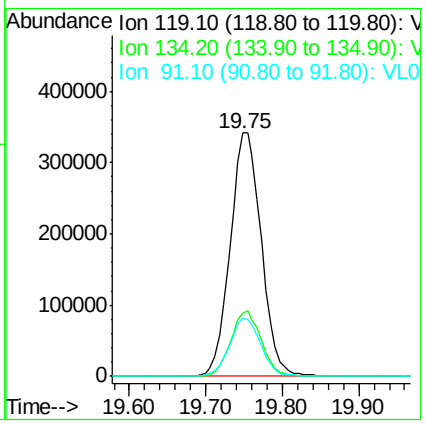


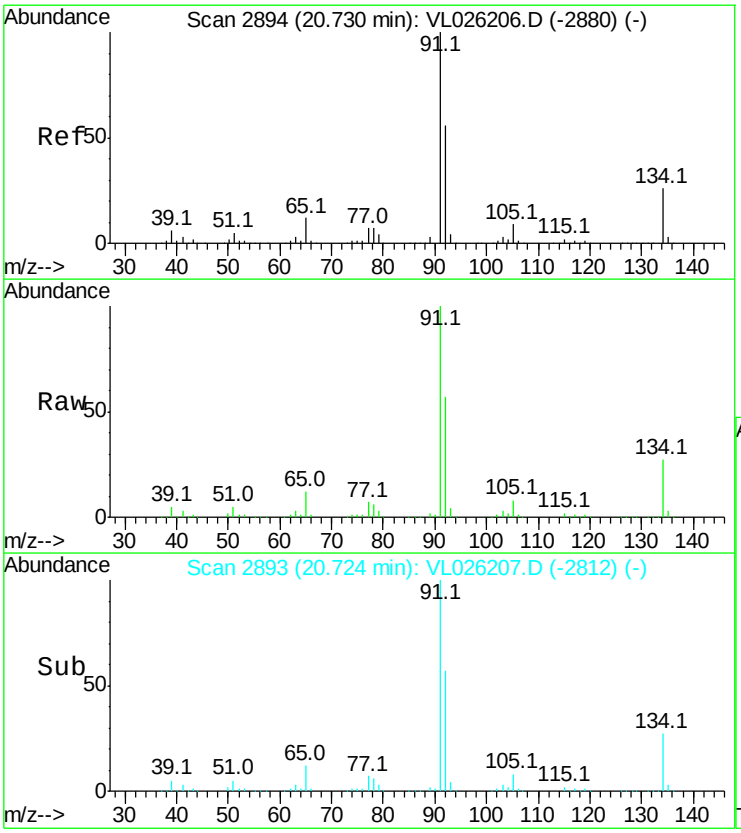
#69
p-Isopropyltoluene
Concen: 2.62 ppbv
RT: 19.75 min Scan# 2733
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:119 Resp: 960167

Ion	Ratio	Lower	Upper
119	100		
134	26.4	21.4	32.0
91	24.0	19.8	29.8

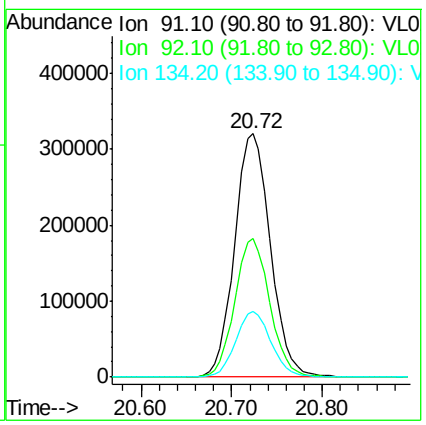


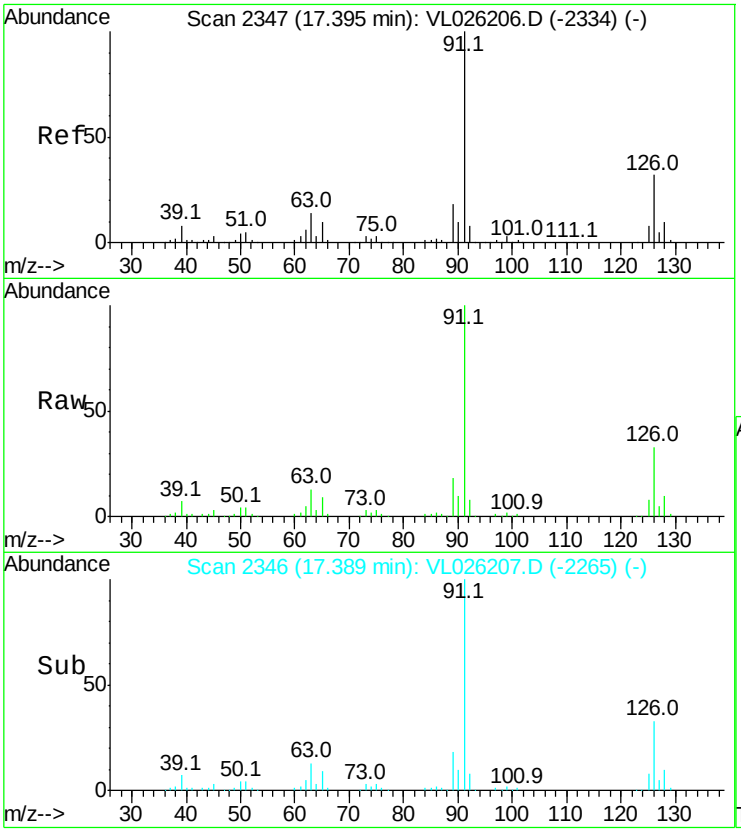


#70
n-Butylbenzene
Concen: 2.53 ppbv
RT: 20.72 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Tgt Ion: 91 Resp: 876728

Ion	Ratio	Lower	Upper
91	100		
92	55.9	44.7	67.1
134	26.6	21.1	31.7



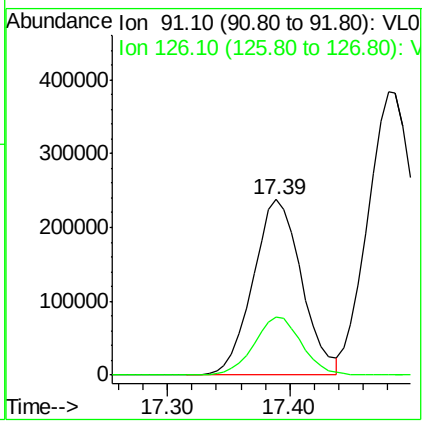


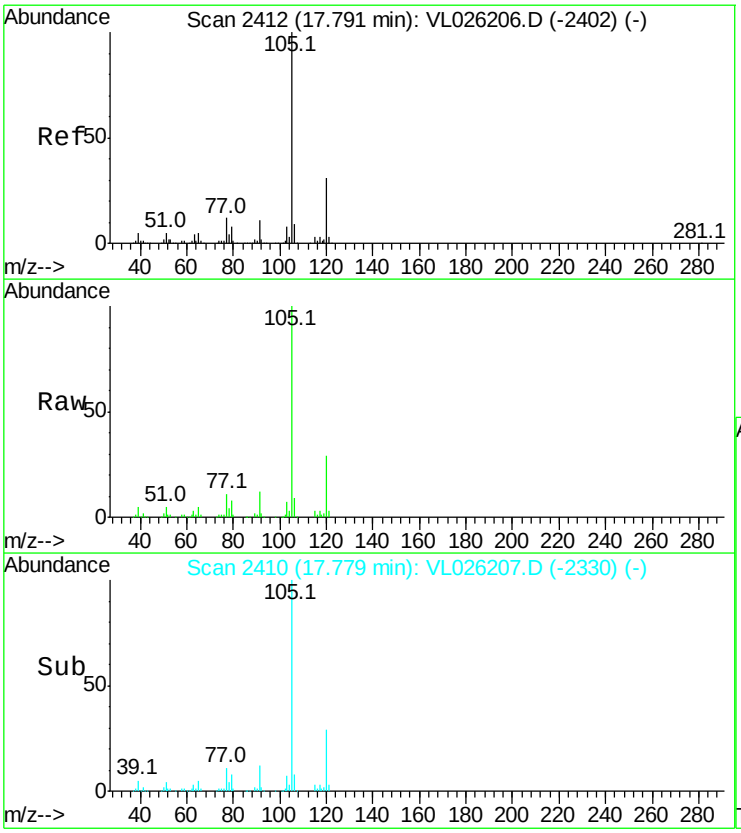
#71
2-Chlorotoluene
Concen: 2.45 ppbv
RT: 17.39 min Scan# 2346
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 91 Resp: 659746

Ion	Ratio	Lower	Upper
91	100		
126	32.6	12.9	51.7

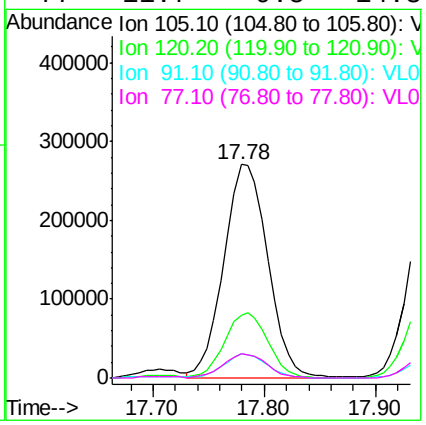


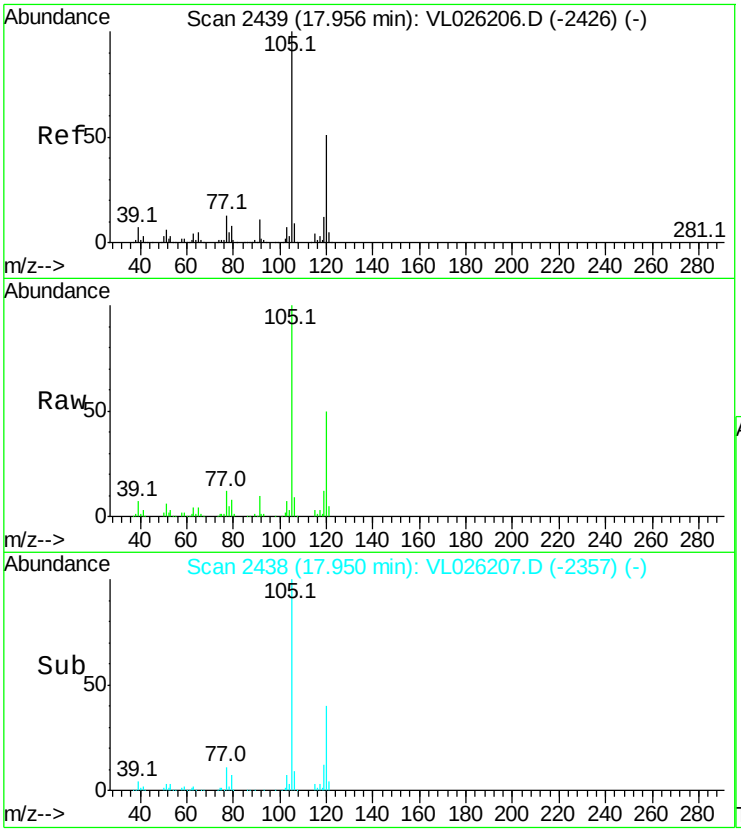


#72
4-Ethyltoluene
Concen: 2.48 ppbv
RT: 17.78 min Scan# 2410
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Tgt Ion:105 Resp: 742109

Ion	Ratio	Lower	Upper
105	100		
120	31.7	25.2	37.8
91	11.9	9.2	13.8
77	11.7	9.5	14.3



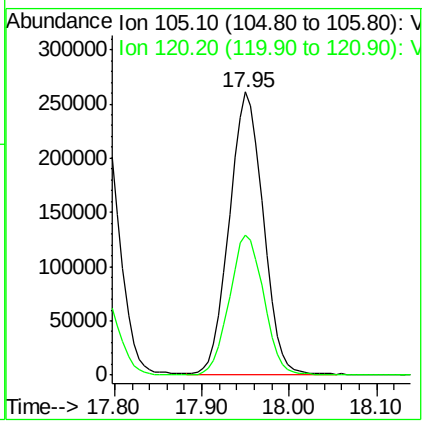


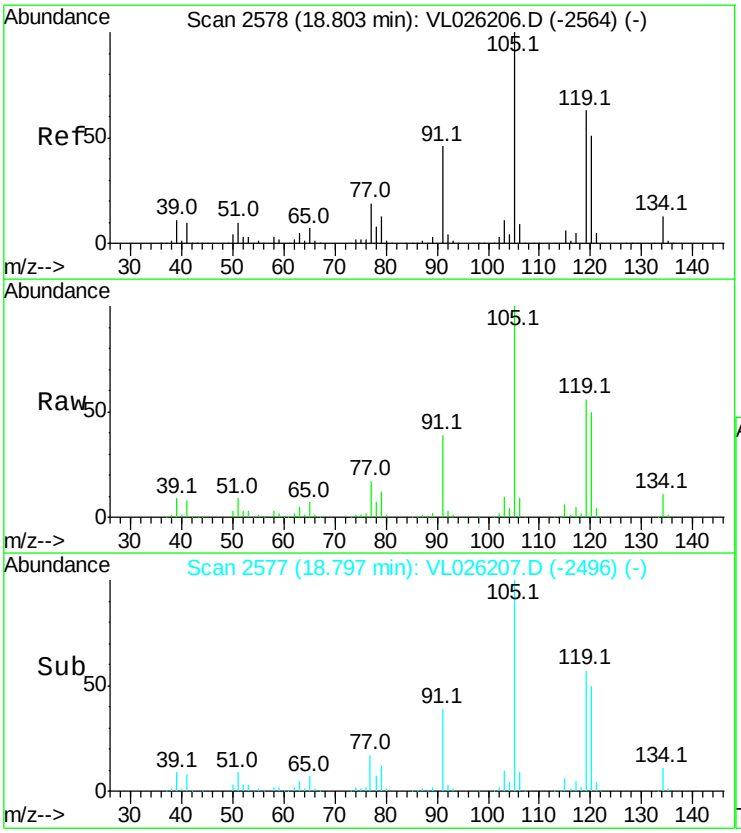
#73
1,3,5-Trimethylbenzene
Concen: 2.48 ppbv
RT: 17.95 min Scan# 2438
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:105 Resp: 700618

Ion	Ratio	Lower	Upper
105	100		
120	49.7	40.3	60.5

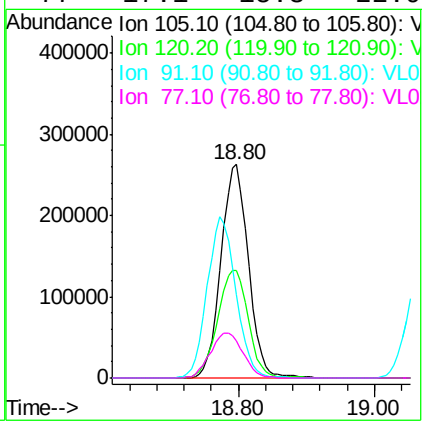


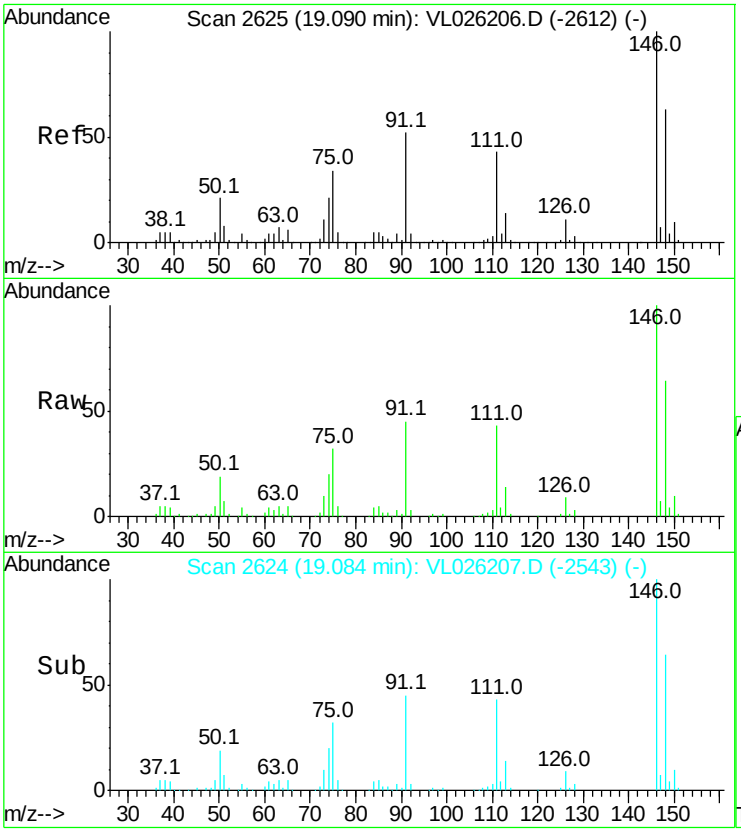


#74
1,2,4-Trimethylbenzene
Concen: 2.49 ppbv
RT: 18.80 min Scan# 2577
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Tgt Ion:105 Resp: 736548

Ion	Ratio	Lower	Upper
105	100		
120	50.3	40.5	60.7
91	39.0	37.4	56.0
77	17.1	15.3	22.9



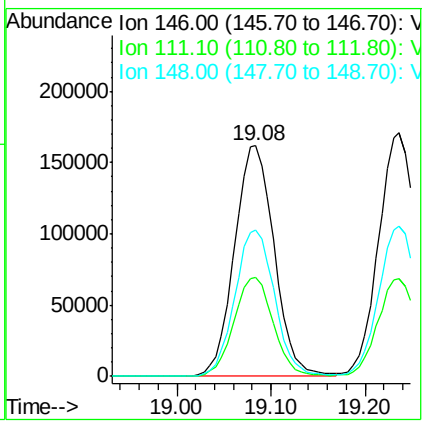


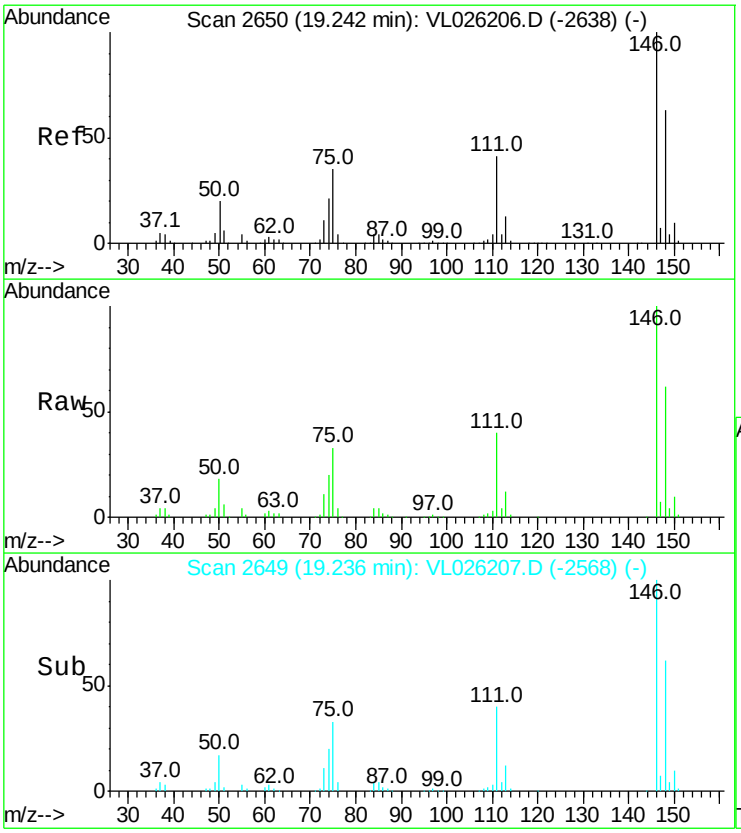
#75
1,3-Dichlorobenzene
Concen: 2.50 ppbv
RT: 19.08 min Scan# 2624
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:146 Resp: 475557

Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.6	65.0
148	63.5	31.7	95.1

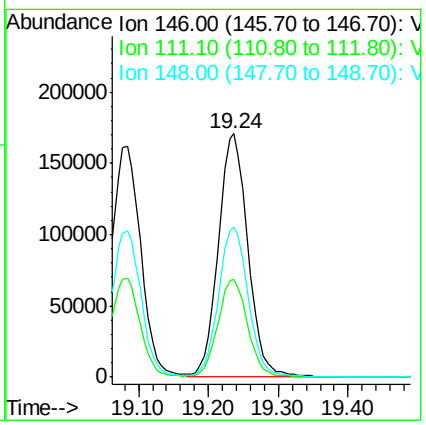


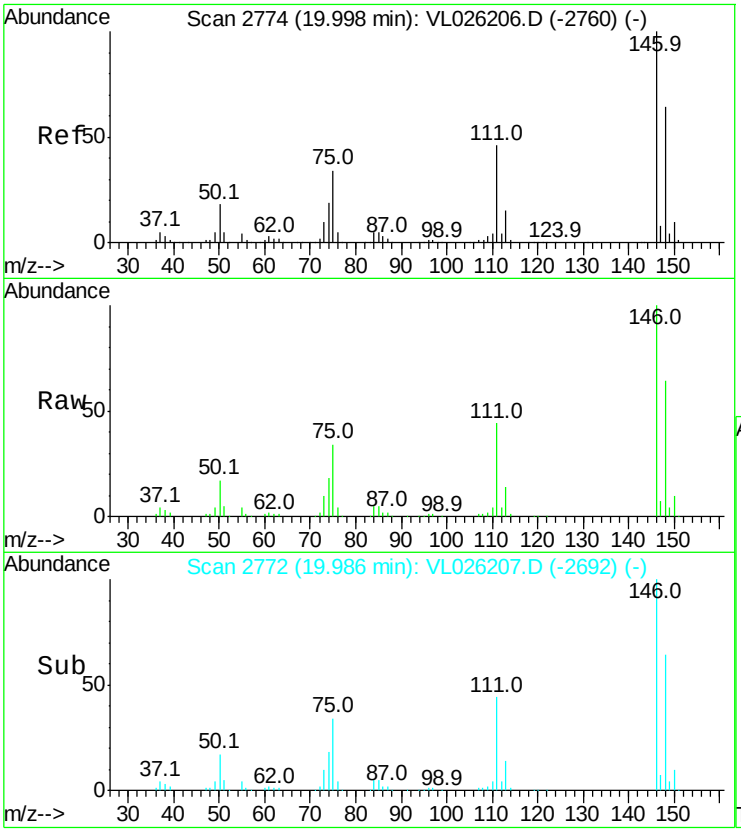


#76
1,4-Dichlorobenzene
Concen: 2.59 ppbv
RT: 19.24 min Scan# 2649
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Tgt Ion:146 Resp: 498133

Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.9	62.8
148	62.9	32.0	96.2



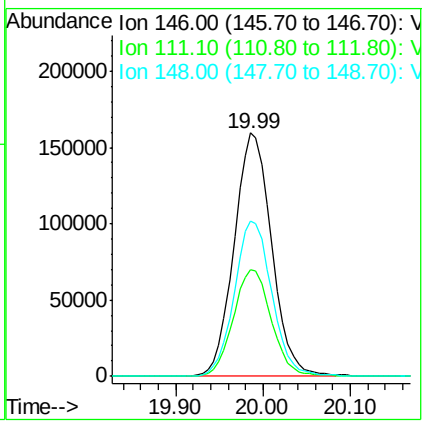


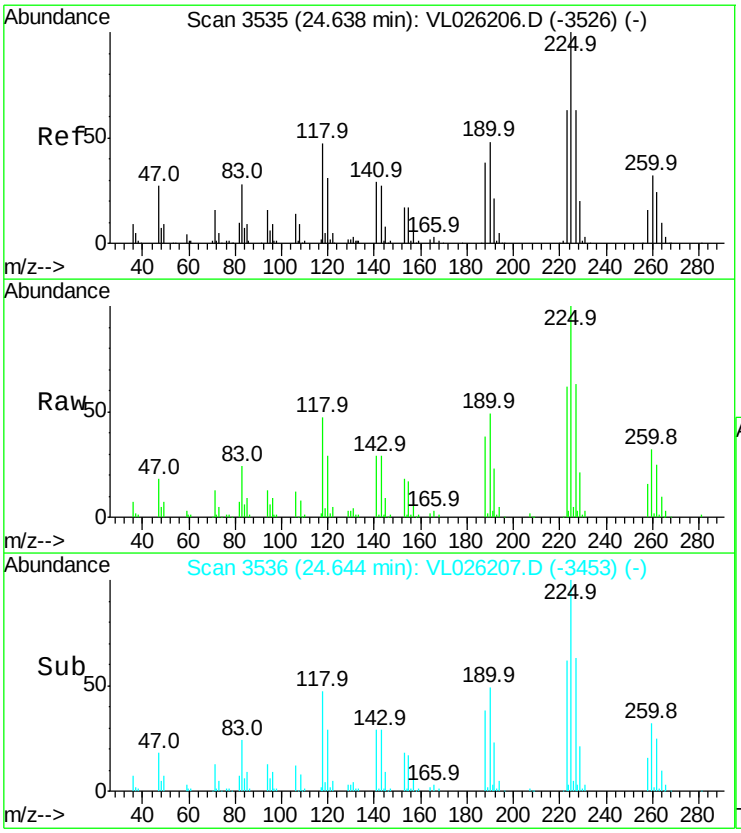
#77
1,2-Dichlorobenzene
Concen: 2.55 ppbv
RT: 19.99 min Scan# 2772
Delta R.T. -0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:146 Resp: 475359

Ion	Ratio	Lower	Upper
146	100		
111	44.5	22.6	67.8
148	63.9	32.0	96.2

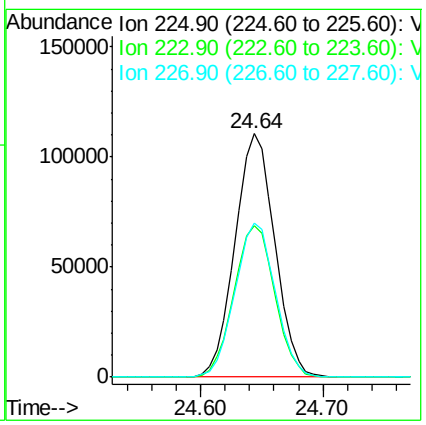


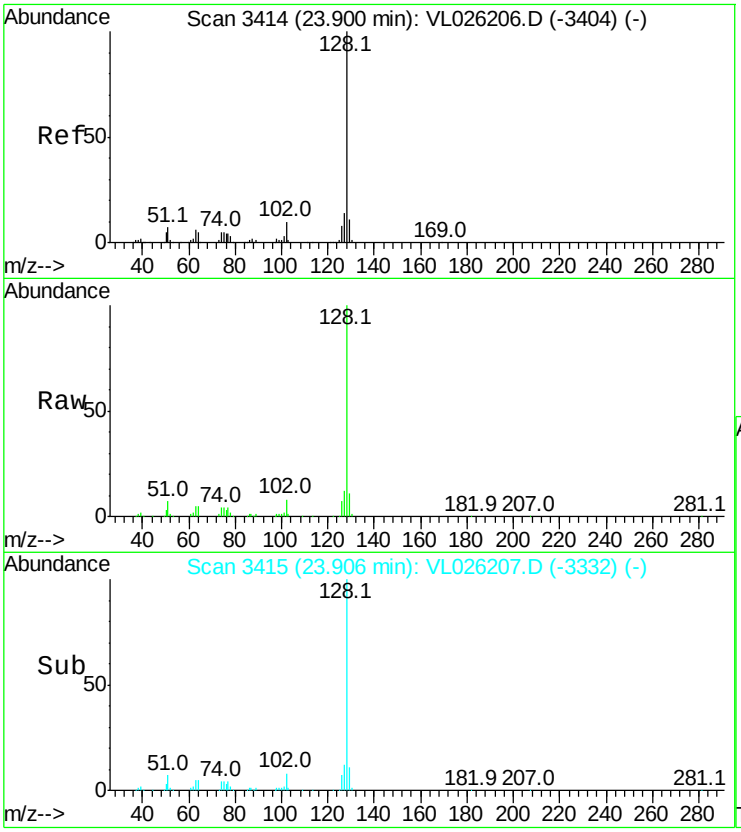


#78
Hexachloro-1,3-Butadiene
Concen: 3.74 ppbv
RT: 24.64 min Scan# 3536
Delta R.T. 0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Tgt Ion:225 Resp: 250469

Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.7	76.1
227	63.9	50.2	75.2



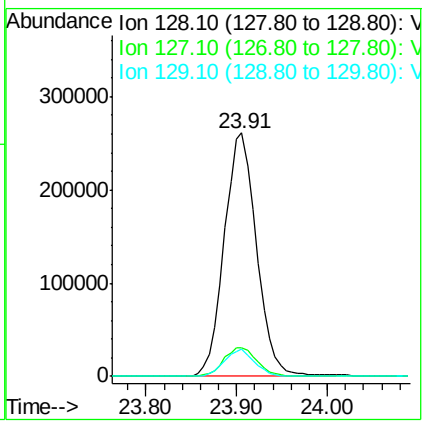


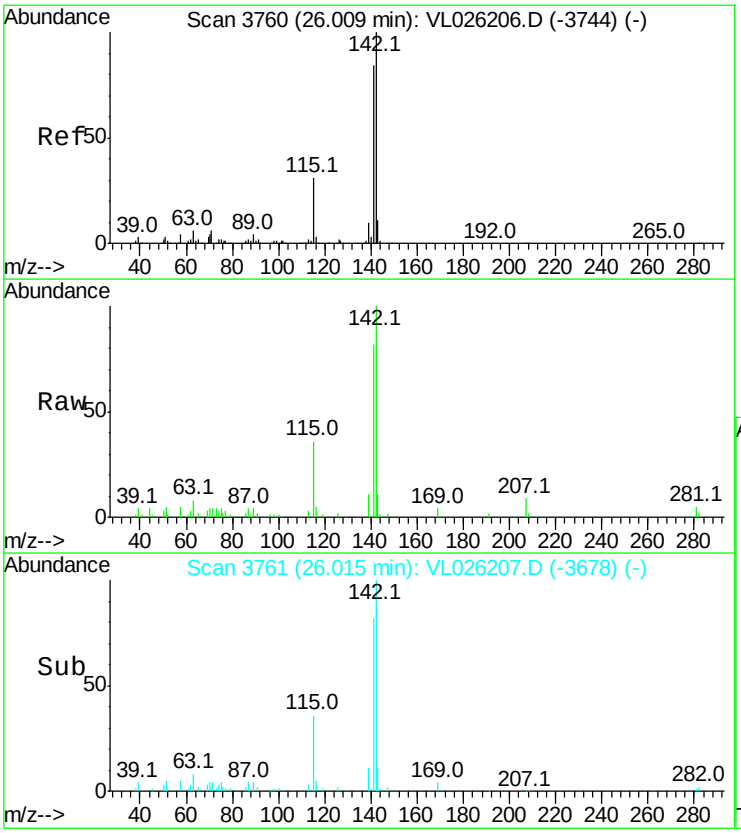
#79
Naphthalene
Concen: 3.91 ppbv
RT: 23.91 min Scan# 3415
Delta R.T. 0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:128 Resp: 647222

Ion	Ratio	Lower	Upper
128	100		
127	11.6	11.0	16.6
129	11.0	8.7	13.1

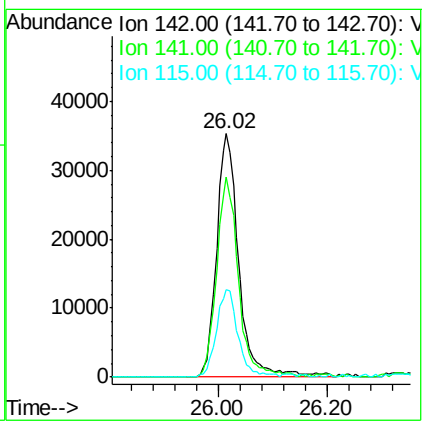


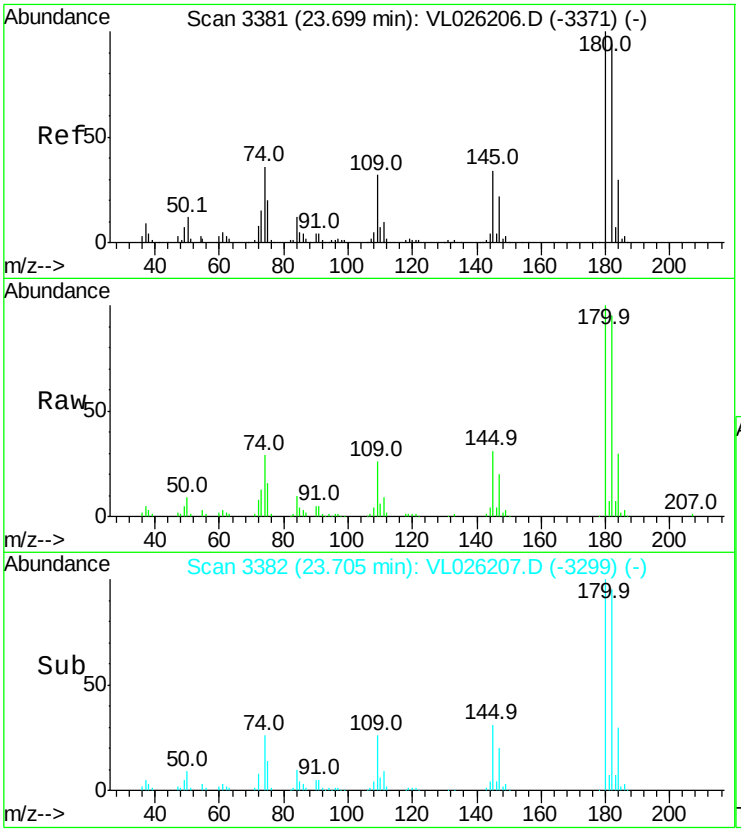


#80
Naphthalene,2-methyl-
Concen: 1.98 ppbv
RT: 26.02 min Scan# 3761
Delta R.T. 0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Tgt Ion:142 Resp: 99578

Ion	Ratio	Lower	Upper
142	100		
141	81.2	66.7	100.1
115	36.3	25.0	37.4





#81
1,2,4-Trichlorobenzene
Concen: 3.77 ppbv
RT: 23.70 min Scan# 3382
Delta R.T. 0.01 min
Lab File: VL026207.D
Acq: 20 Oct 2015 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:180 Resp: 313610

Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.4	114.6
184	30.1	24.4	36.6