Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL050318\

Quantitation Report (Not Reviewed)

Data File : VL031969.D
Acq On : 3 May 2018 18:34
Operator : SY/AP
Sample : VL0503ABS01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0503ABS01

Quant Time: May 04 03:26:05 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL050318AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 03 15:52:13 2018
QLast Update : Thu May 03 15:52:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.89	49	1253614	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.43	114	2976263	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.40	117	3228431	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.73	95	2113581	8.44	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 84.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.16	85	1390880	8.40	ppbv		100
3) Chlorodifluoromethane	3.10	51	1132619	9.60	ppbv		98
4) Chloromethane	3.26	50	584452	9.41	ppbv		99
5) Vinyl Chloride	3.38	62	621998	8.87	ppbv		99
6) Bromomethane	3.61	94	432104	9.46	ppbv		95
7) Chloroethane	3.69	64	263733	9.89	ppbv		96
8) Dichlorotetrafluoroethane	3.31	85	1526608	9.26	ppbv		99
9) Propene	3.12	41	425207	9.84	ppbv		98
10) Heptane	8.39	43	1447587	9.74	ppbv		99
11) Trichlorofluoromethane	4.11	101	1738167	8.69	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.66	101	1347828	9.57	ppbv		98
13) Ethanol	3.74	45	120573	7.47	ppbv	#	100
14) Bromoethene	3.88	108	495522	9.52	ppbv		98
15) Acetone	4.00	43	1208716	6.82	ppbv		98
16) 1,3-Butadiene	3.45	39	563352	9.89	ppbv		95
17) tert-Butyl alcohol	4.46	59	585909	7.99	ppbv		98
18) 1,1-Dichloroethene	4.46	96	518640	8.40	ppbv		98
19) Isopropyl Alcohol	4.13	45	794244	8.29	ppbv		99
20) Methylene Chloride	4.52	84	510067	8.53	ppbv		97
21) Allyl Chloride	4.59	41	1013551	10.03	ppbv		99
22) trans-1,2-Dichloroethene	5.08	96	657494	9.60	ppbv		96
23) Vinyl Acetate	5.27	43	2006392	9.91	ppbv		99
24) 1,1-Dichloroethane	5.21	63	1715957	9.08	ppbv		99
25) Ethyl Acetate	5.89	43	2785998	9.16	ppbv		100
26) Hexane	5.90	57	1311800	9.17	ppbv		99
27) Carbon Disulfide	4.73	76	1706937	10.65	ppbv		99
28) Methyl tert-Butyl Ether	5.23	73	1686280	9.59	ppbv		99
29) Chloroform	5.98	83	2075116	9.17	ppbv		98
30) Cyclohexane	7.39	84	1047360	10.99	ppbv		100
31) cis-1,2-Dichloroethene	5.77	61	1242135	9.49	ppbv		99
32) 1,1,1-Trichloroethane	6.76	97	2202283	10.56	ppbv		98
34) 2-Butanone	5.45	43	1767834	7.20	ppbv		99
35) Carbon Tetrachloride	7.27	117	2360425	10.01	ppbv		100
36) Benzene	7.14	78	2789768	9.95	ppbv		98
37) 1,2-Dichloroethane	6.55	62	1788120	8.87	ppbv		99
38) Trichloroethene	8.10	130	886911	8.33	ppbv		97
39) 1,2-Dichloropropane	7.88	63	810533	8.30	ppbv		98
40) 1,4-Dioxane	8.10	88	324259	7.37	ppbv		78
41) Tetrahydrofuran	6.27	42	949444	8.88	ppbv		99
42) Bromodichloromethane	8.06	83	1878090	8.36	ppbv		99
43) Methyl Methacrylate	8.28	69	823111	8.71	ppbv		99

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL050318\

Quantitation Report (Not Reviewed)

Data File : VL031969.D
Acq On : 3 May 2018 18:34
Operator : SY/AP
Sample : VL0503ABS01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0503ABS01

Quant Time: May 04 03:26:05 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL050318AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 03 15:52:13 2018
QLast Update : Thu May 03 15:52:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	8.13	57	3700432	8.18	ppbv		100
45) t-1,3-Dichloropropene	9.56	75	1178378	9.41	ppbv		99
46) cis-1,3-Dichloropropene	8.98	75	1457874	9.43	ppbv		99
47) 1,1,2-Trichloroethane	9.76	97	927082	8.03	ppbv		98
48) Dibromochloromethane	10.60	129	1604891	8.67	ppbv		99
49) Bromoform	13.36	173	1257519	8.75	ppbv		100
50) 4-Methyl-2-Pentanone	9.01	43	1975224	8.51	ppbv		99
51) 2-Hexanone	10.42	43	1915461	9.07	ppbv	#	99
52) Tetrachloroethene	11.53	164	857797	8.26	ppbv		98
53) Toluene	10.10	91	2676107	8.86	ppbv		99
54) 1,2-Dibromoethane	10.91	107	1463785	8.51	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.43	131	1096901	7.46	ppbv	#	59
57) Chlorobenzene	12.46	112	2082647	7.48	ppbv		98
58) Ethyl Benzene	13.02	91	3714386	8.03	ppbv		97
59) m/p-Xylene	13.30	91	3086162	7.87	ppbv	#	31
60) o-Xylene	14.00	91	3109387	7.90	ppbv		100
61) Styrene	13.84	104	738269	9.25	ppbv		100
62) Isopropylbenzene	14.98	105	3911106	7.78	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.99	83	2017999	7.22	ppbv		98
64) n-propylbenzene	15.87	120	996791	7.90	ppbv		97
65) tert-Butylbenzene	17.06	119	3336009	7.43	ppbv		100
66) Benzyl Chloride	17.31	91	329269	8.08	ppbv		99
67) sec-Butylbenzene	17.61	105	4714286	7.57	ppbv		100
69) p-Isopropyltoluene	17.96	119	3916150	7.82	ppbv		99
70) n-Butylbenzene	18.86	91	4114305	7.94	ppbv		99
71) 2-Chlorotoluene	15.77	91	2953594	8.02	ppbv		99
72) 4-Ethyltoluene	16.15	105	3269253	8.18	ppbv		99
73) 1,3,5-Trimethylbenzene	16.31	105	2950025	7.99	ppbv		95
74) 1,2,4-Trimethylbenzene	17.08	105	3080126	7.54	ppbv		96
75) 1,3-Dichlorobenzene	17.32	146	1930296	7.65	ppbv		100
76) 1,4-Dichlorobenzene	17.46	146	1952575	7.82	ppbv		100
77) 1,2-Dichlorobenzene	18.14	146	1926510	7.59	ppbv		99
78) Hexachloro-1,3-Butadiene	23.68	225	883197	7.65	ppbv		100
79) Naphthalene	22.59	128	3479906	12.23	ppbv		99
80) Naphthalene,2-methyl-	25.23	142	1532356	22.58	ppbv		98
81) 1,2,4-Trichlorobenzene	22.32	180	1695902	10.75	ppbv		100

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

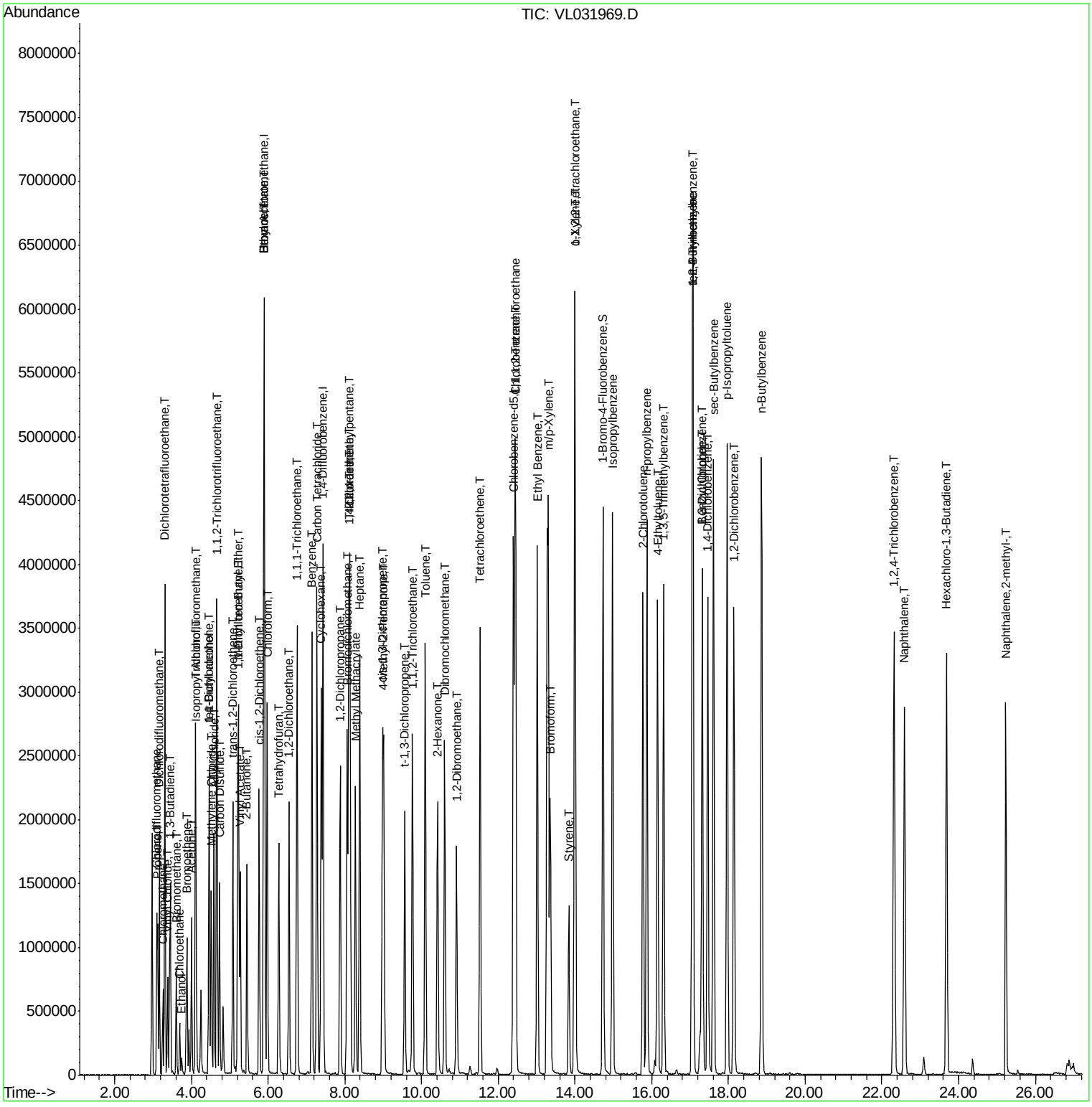
Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL050318\

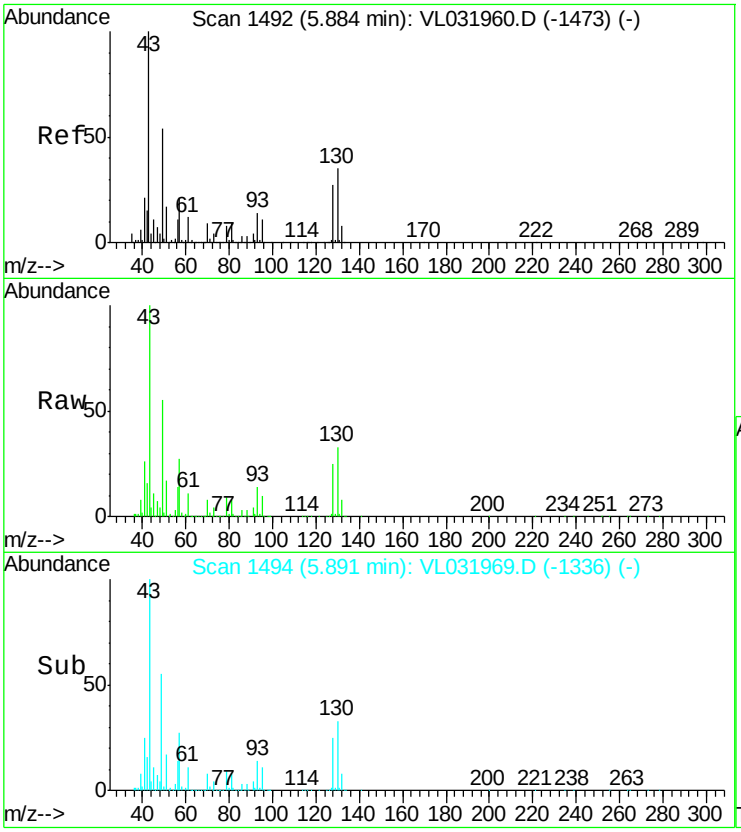
Quantitation Report (Not Reviewed)

Data File : VL031969.D
Acq On : 3 May 2018 18:34
Operator : SY/AP
Sample : VL0503ABS01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0503ABS01

Quant Time: May 04 03:26:05 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL050318AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 03 15:52:13 2018
QLast Update : Thu May 03 15:52:13 2018
Response via : Initial Calibration



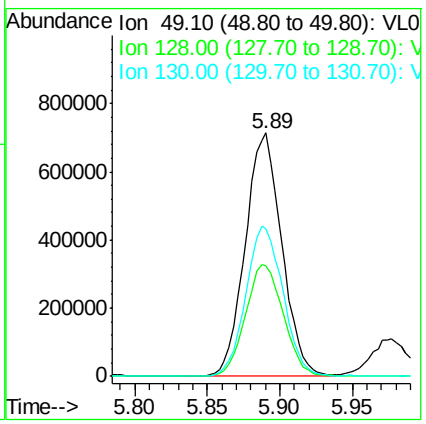


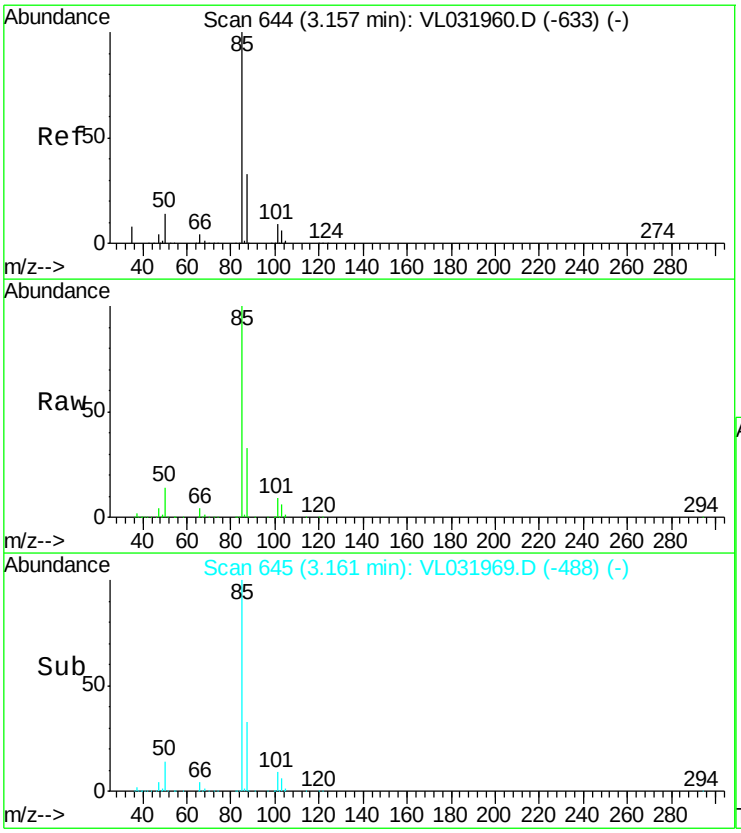
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.89 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Instrument :
MSVOA_L
ClientSampleId :
VL0503ABS01

Tgt Ion: 49 Resp: 1253614

Ion	Ratio	Lower	Upper
49	100		
128	47.8	24.1	72.3
130	62.8	30.7	92.1

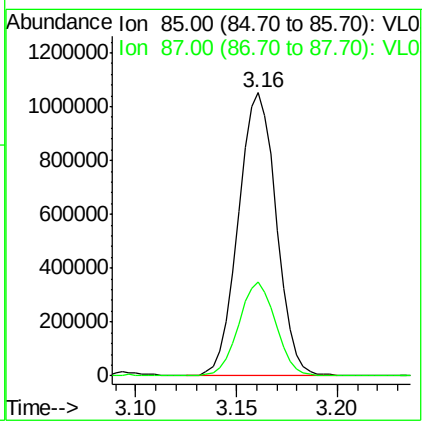


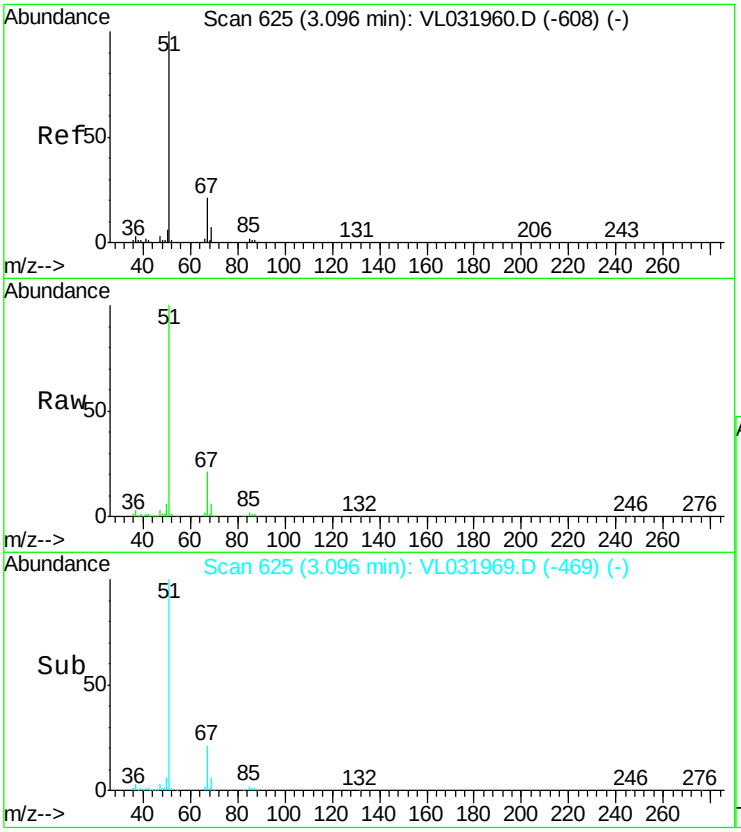


#2
Dichlorodifluoromethane
Concen: 8.40 ppbv
RT: 3.16 min Scan# 645
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Tgt Ion: 85 Resp: 1390880

Ion	Ratio	Lower	Upper
85	100		
87	33.2	26.8	40.2



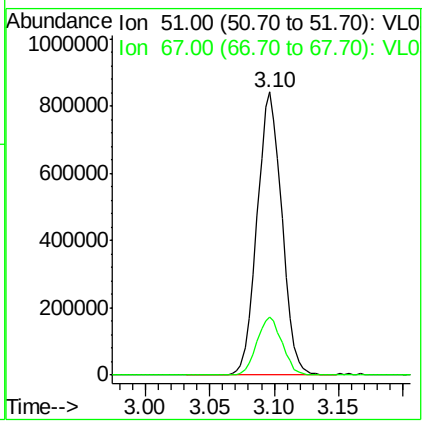


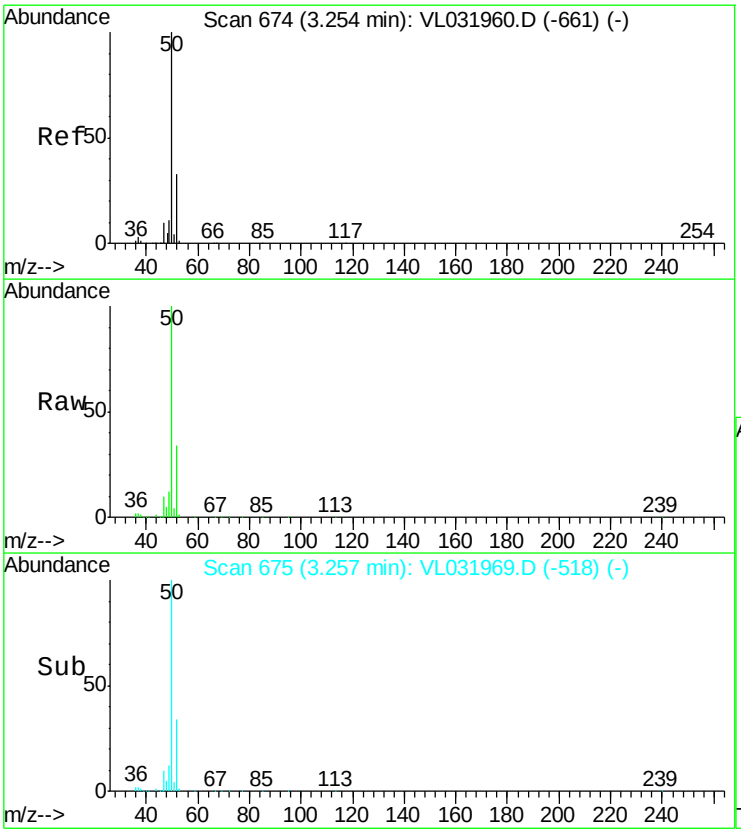
#3
Chlorodifluoromethane
Concen: 9.60 ppbv
RT: 3.10 min Scan# 625
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Instrument :
MSVOA_L
ClientSampleId :
VL0503ABS01

Tgt Ion: 51 Resp: 1132619

Ion	Ratio	Lower	Upper
51	100		
67	20.9	15.9	23.9

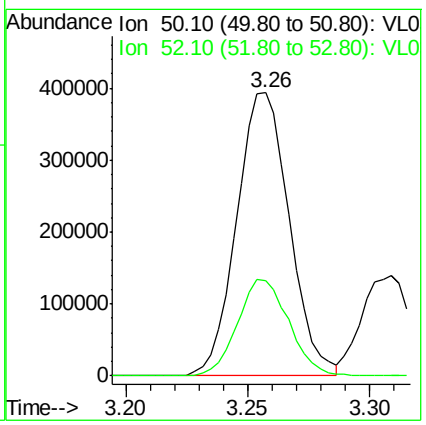


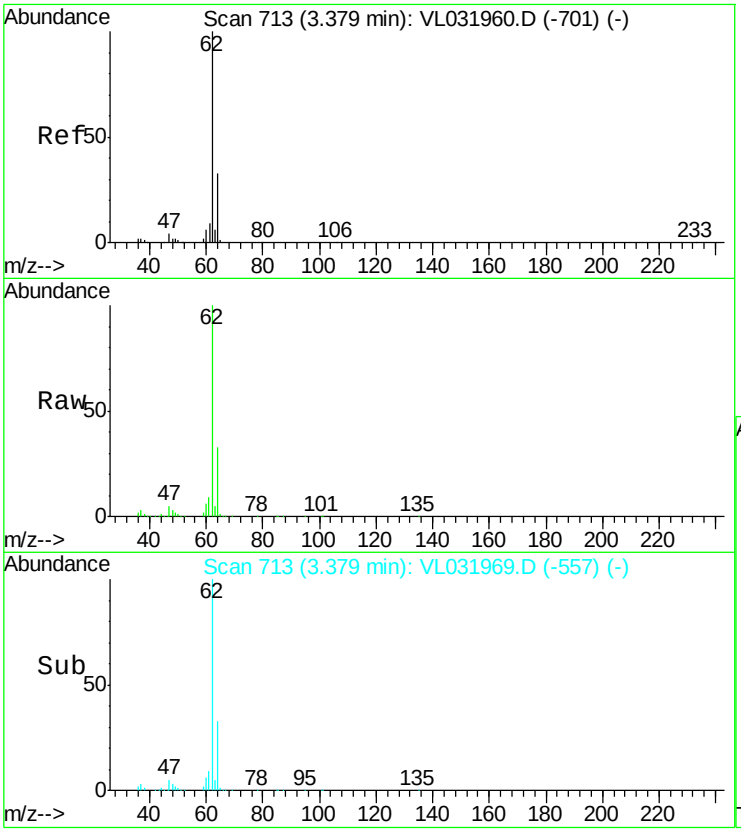


#4
Chloromethane
Concen: 9.41 ppbv
RT: 3.26 min Scan# 675
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Tgt Ion: 50 Resp: 584452

Ion	Ratio	Lower	Upper
50	100		
52	33.6	26.6	39.8



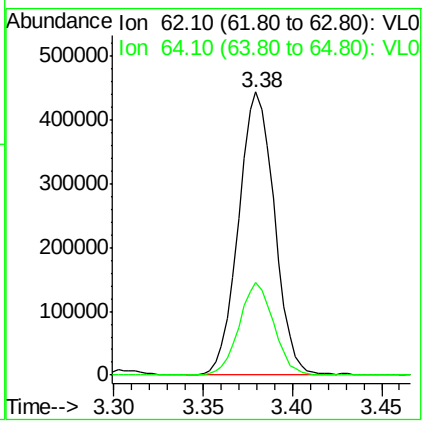


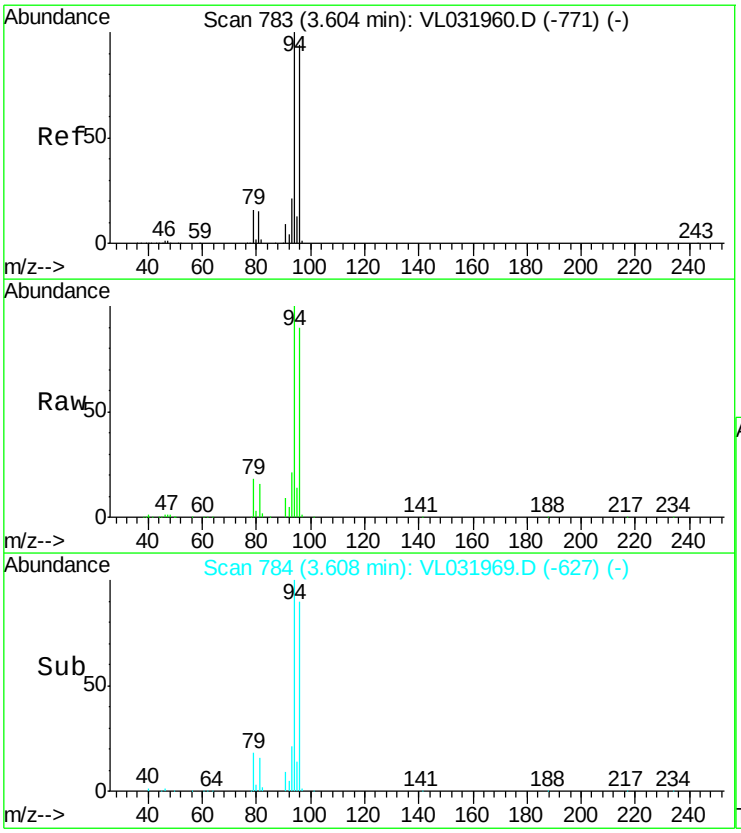
#5
Vinyl Chloride
Concen: 8.87 ppbv
RT: 3.38 min Scan# 713
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Instrument : MSVOA_L
ClientSampleId : VL0503ABS01

Tgt Ion: 62 Resp: 621998

Ion	Ratio	Lower	Upper
62	100		
64	32.9	26.6	39.8

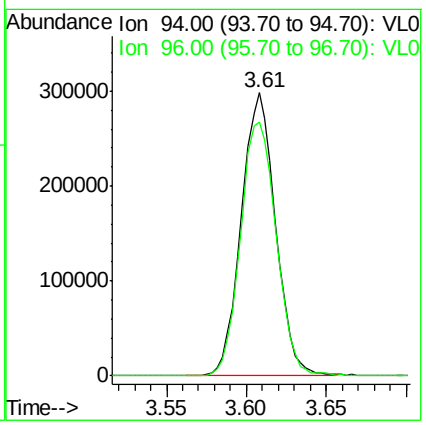


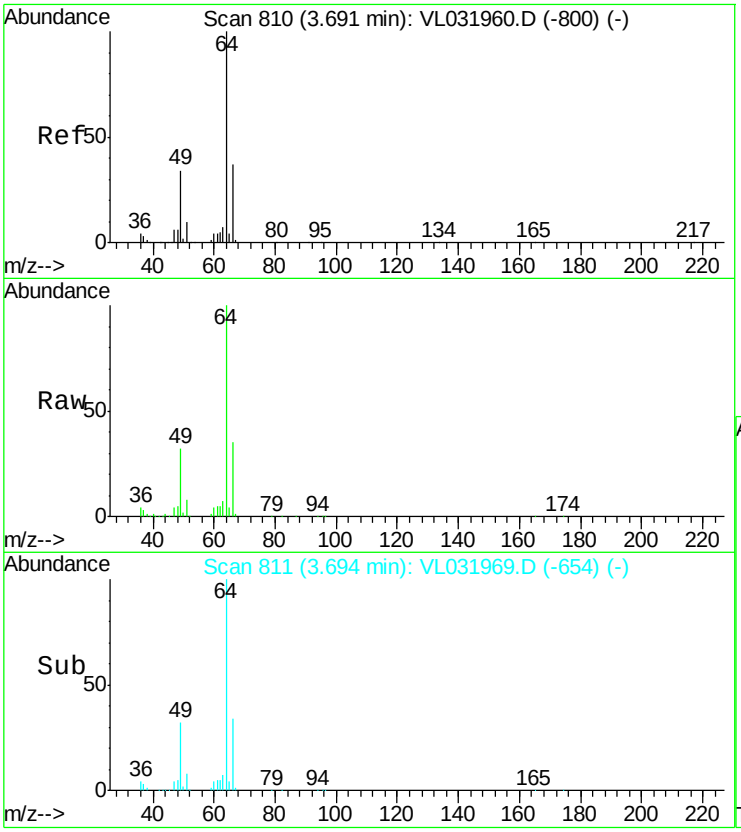


#6
Bromomethane
Concen: 9.46 ppbv
RT: 3.61 min Scan# 784
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Tgt Ion: 94 Resp: 432104

Ion	Ratio	Lower	Upper
94	100		
96	89.9	75.5	113.3



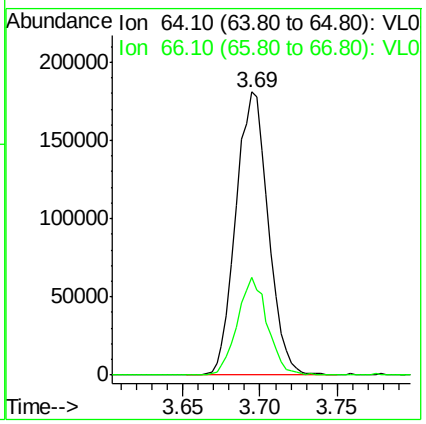


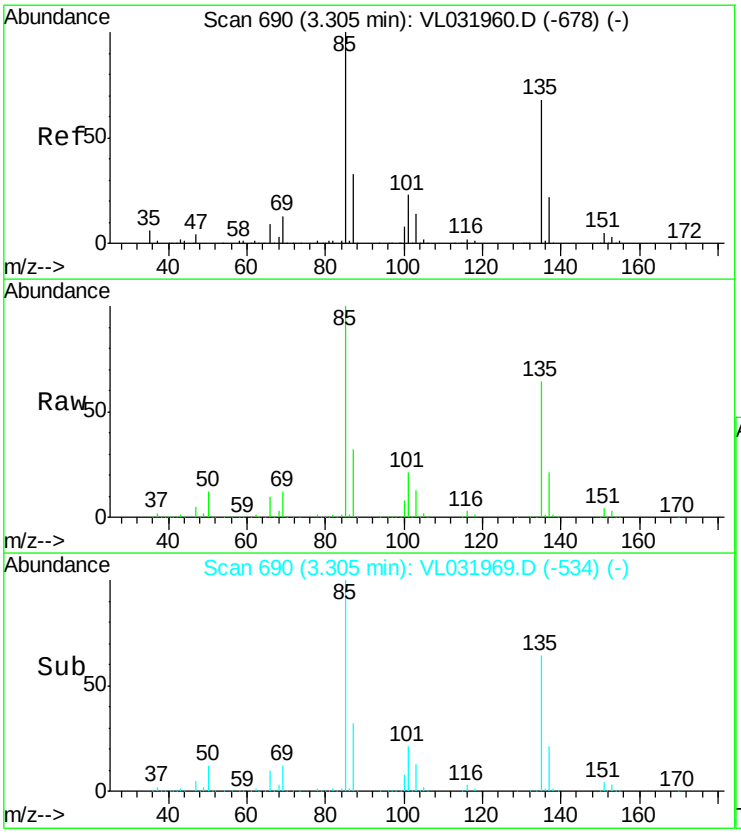
#7
Chloroethane
Concen: 9.89 ppbv
RT: 3.69 min Scan# 811
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Instrument :
MSVOA_L
ClientSampleId :
VL0503ABS01

Tgt Ion: 64 Resp: 263733

Ion	Ratio	Lower	Upper
64	100		
66	34.6	29.6	44.4

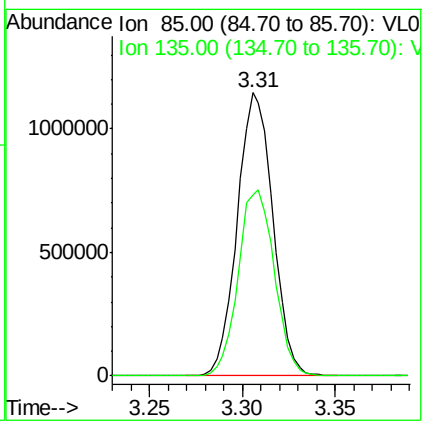


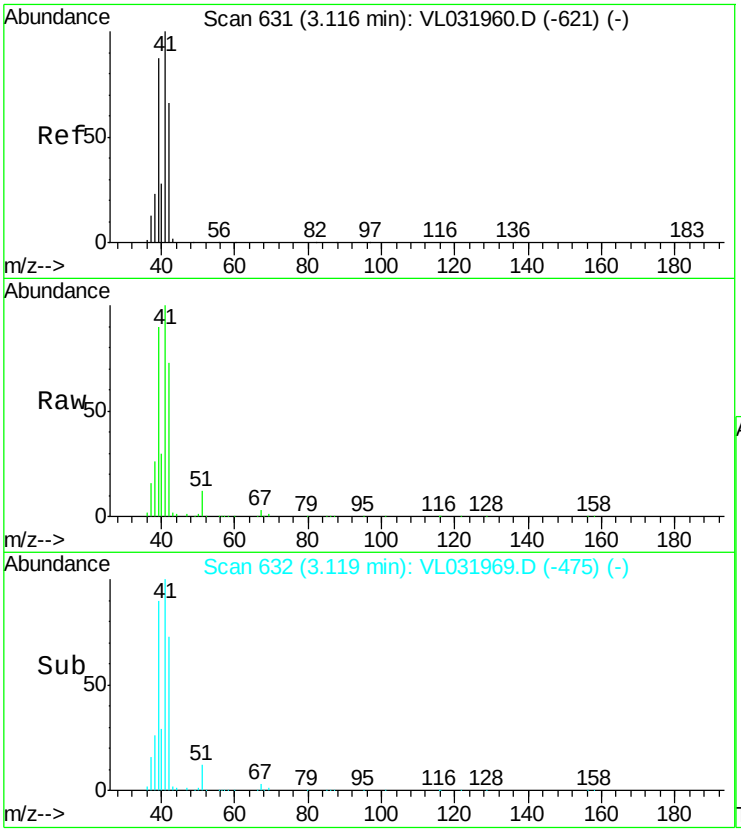


#8
Dichlorotetrafluoroethane
Concen: 9.26 ppbv
RT: 3.31 min Scan# 690
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Tgt Ion: 85 Resp: 1526608

Ion	Ratio	Lower	Upper
85	100		
135	67.3	54.8	82.2



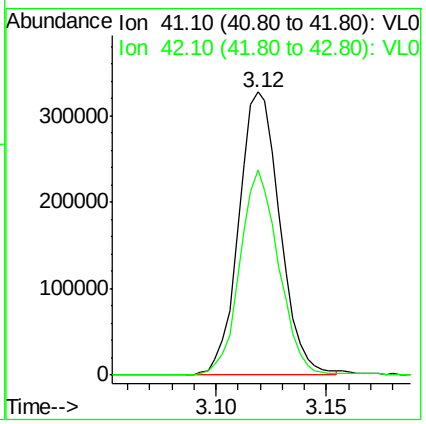


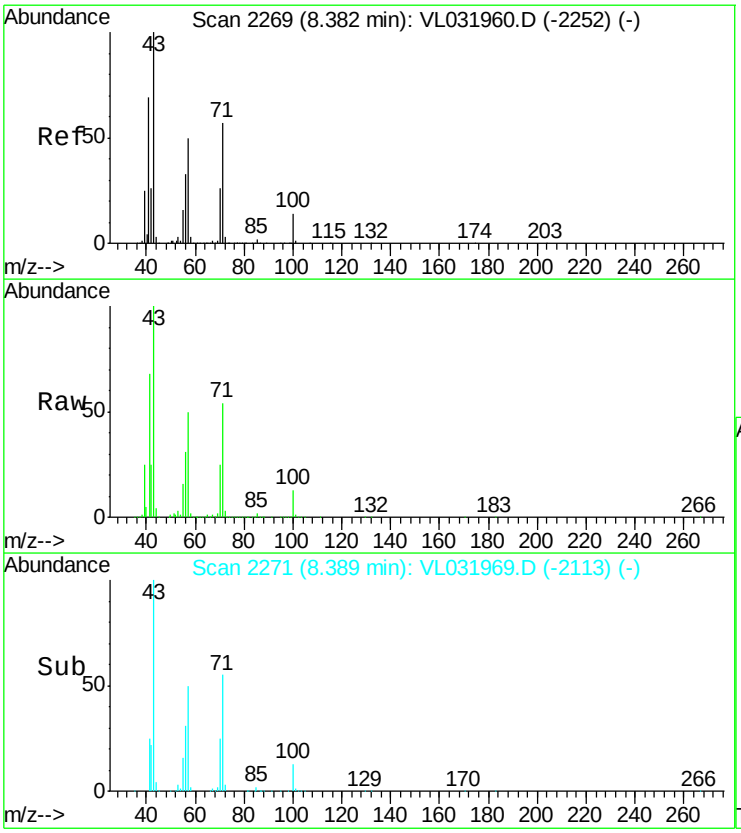
#9
Propene
Concen: 9.84 ppbv
RT: 3.12 min Scan# 632
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Instrument : MSVOA_L
ClientSampleId : VL0503ABS01

Tgt Ion: 41 Resp: 425207

Ion	Ratio	Lower	Upper
41	100		
42	69.3	53.9	80.9

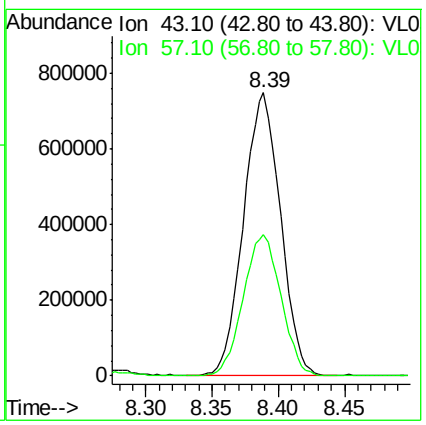


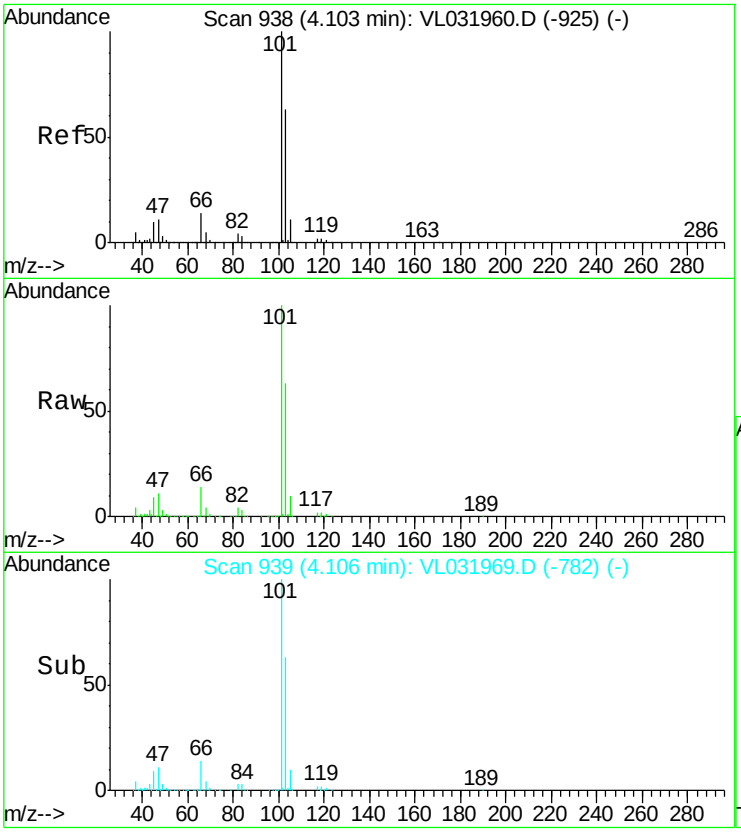


#10
Heptane
Concen: 9.74 ppbv
RT: 8.39 min Scan# 2271
Delta R.T. 0.01 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Tgt Ion: 43 Resp: 1447587

Ion	Ratio	Lower	Upper
43	100		
57	51.3	40.7	61.1



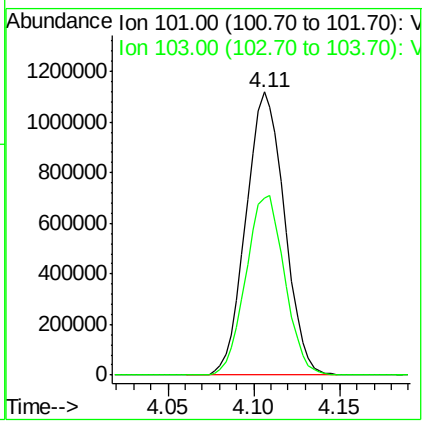


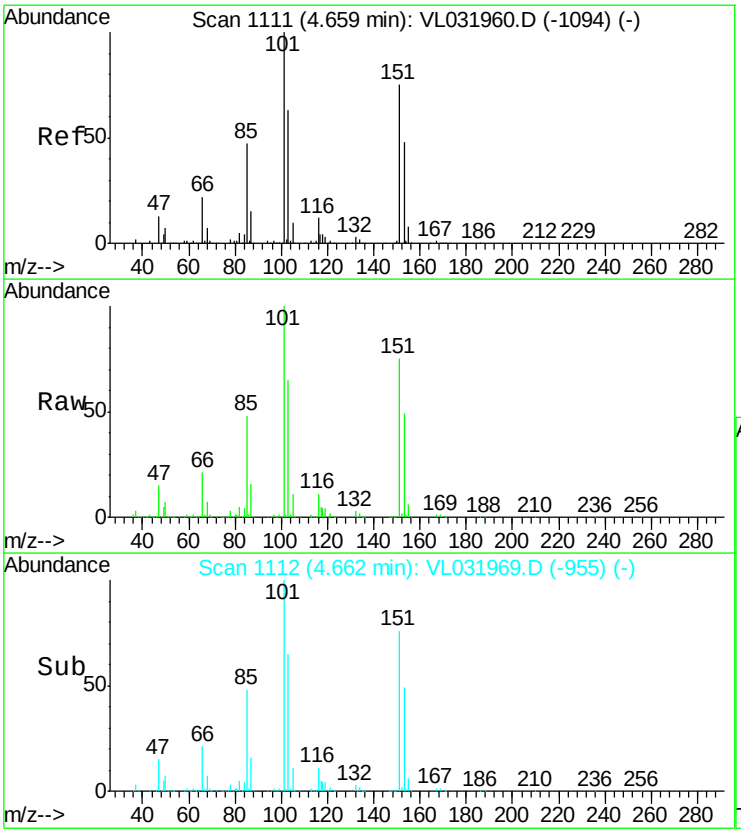
#11
Trichlorofluoromethane
Concen: 8.69 ppbv
RT: 4.11 min Scan# 939
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Instrument :
MSVOA_L
ClientSampleId :
VL0503ABS01

Tgt Ion:101 Resp: 1738167

Ion	Ratio	Lower	Upper
101	100		
103	62.6	50.7	76.1

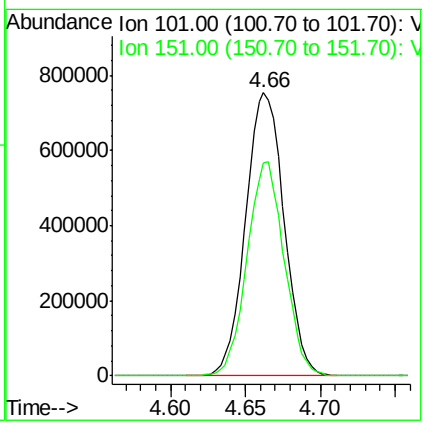


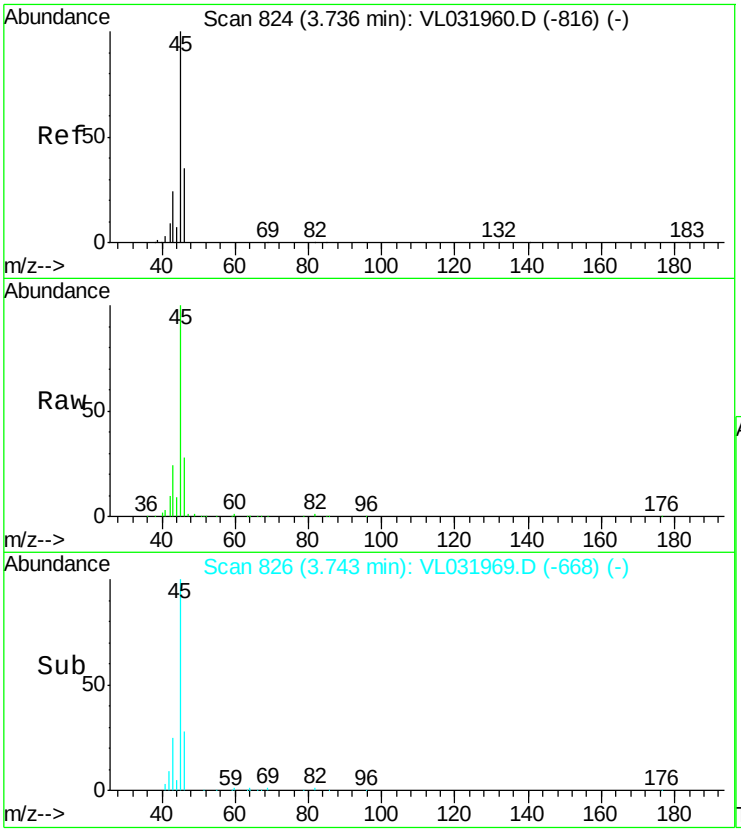


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.57 ppbv
RT: 4.66 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Tgt Ion:101 Resp: 1347828

Ion	Ratio	Lower	Upper
101	100		
151	73.4	60.2	90.2



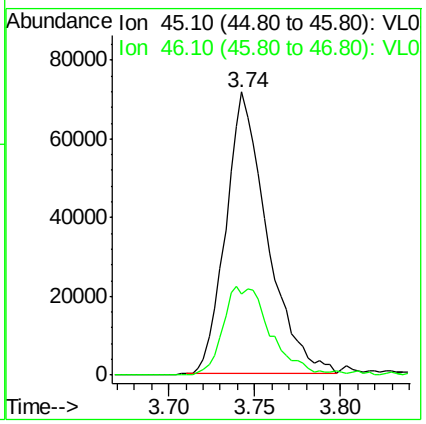


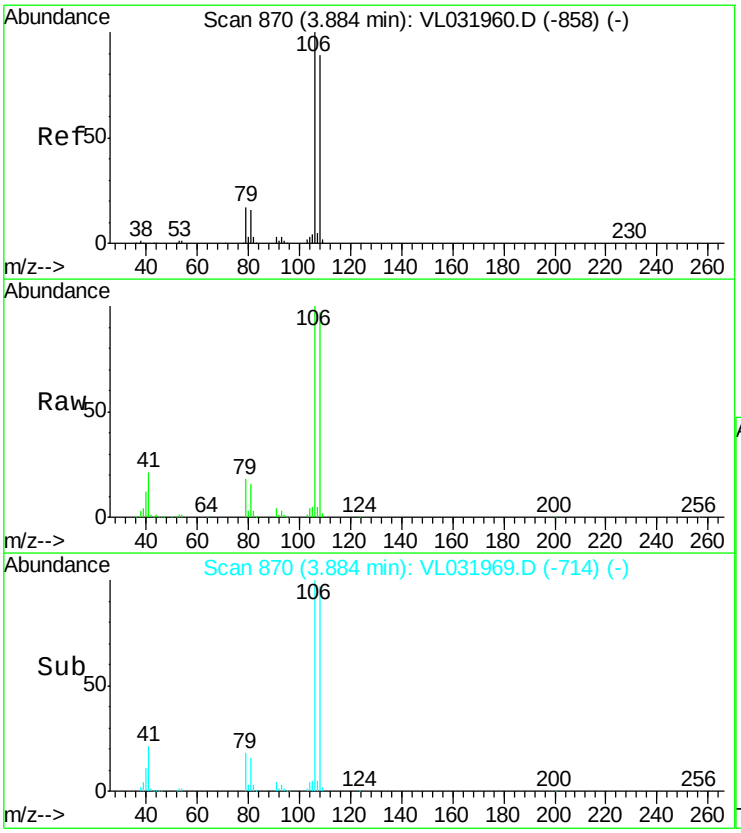
#13
Ethanol
Concen: 7.47 ppbv
RT: 3.74 min Scan# 826
Delta R.T. 0.01 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Instrument :
MSVOA_L
ClientSampleId :
VL0503ABS01

Tgt Ion: 45 Resp: 120573

Ion	Ratio	Lower	Upper
45	100		
46	36.3	0.0	0.0#

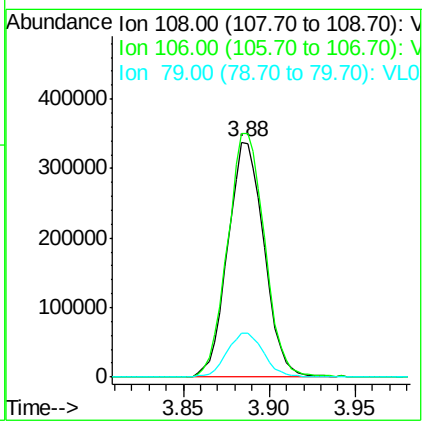


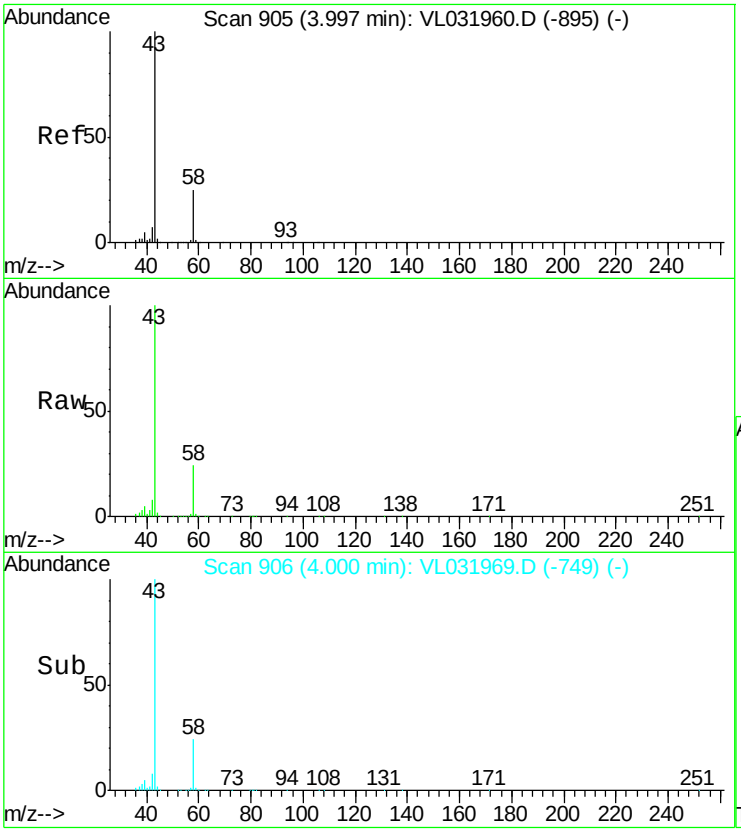


#14
Bromoethene
Concen: 9.52 ppbv
RT: 3.88 min Scan# 870
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Tgt Ion:108 Resp: 495522

Ion	Ratio	Lower	Upper
108	100		
106	106.3	86.8	130.2
79	19.1	14.7	22.1



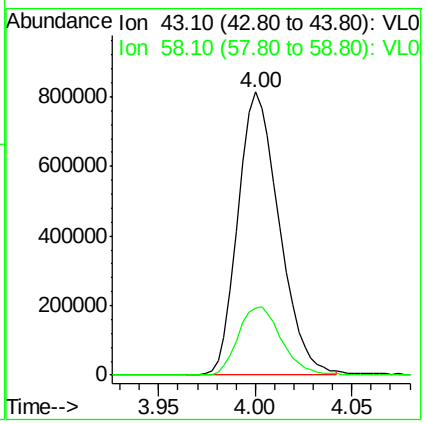


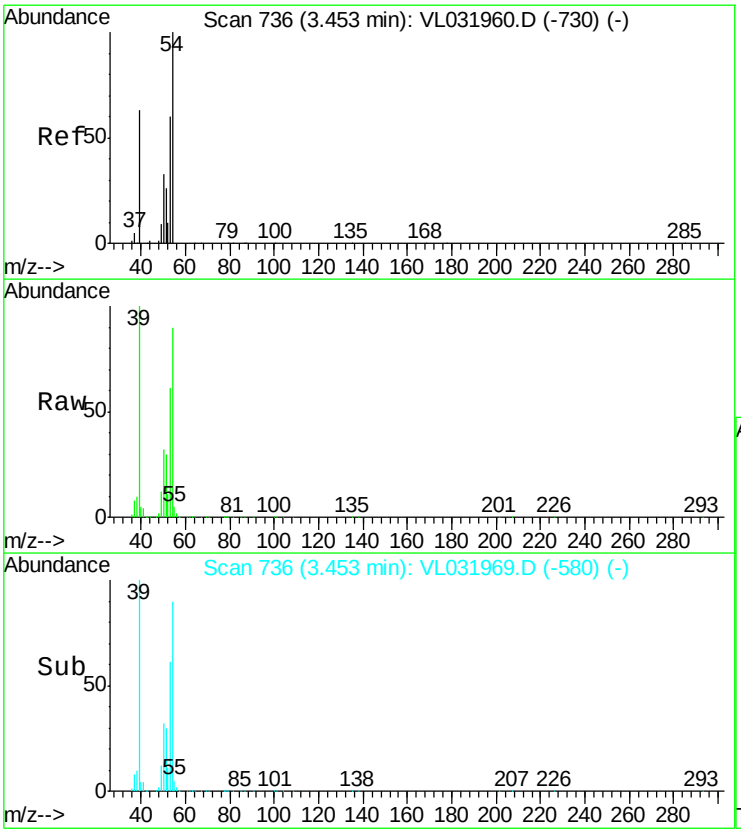
#15
Acetone
Concen: 6.82 ppbv
RT: 4.00 min Scan# 906
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Instrument :
MSVOA_L
ClientSampleId :
VL0503ABS01

Tgt Ion: 43 Resp: 1208716

Ion	Ratio	Lower	Upper
43	100		
58	25.4	21.1	31.7

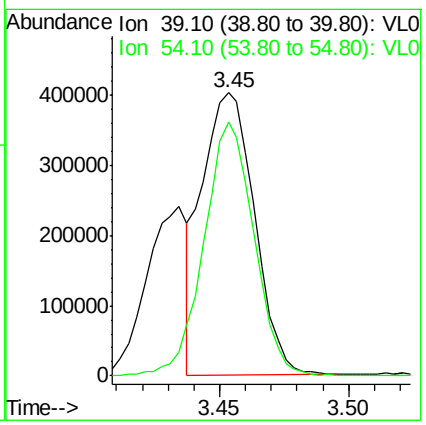


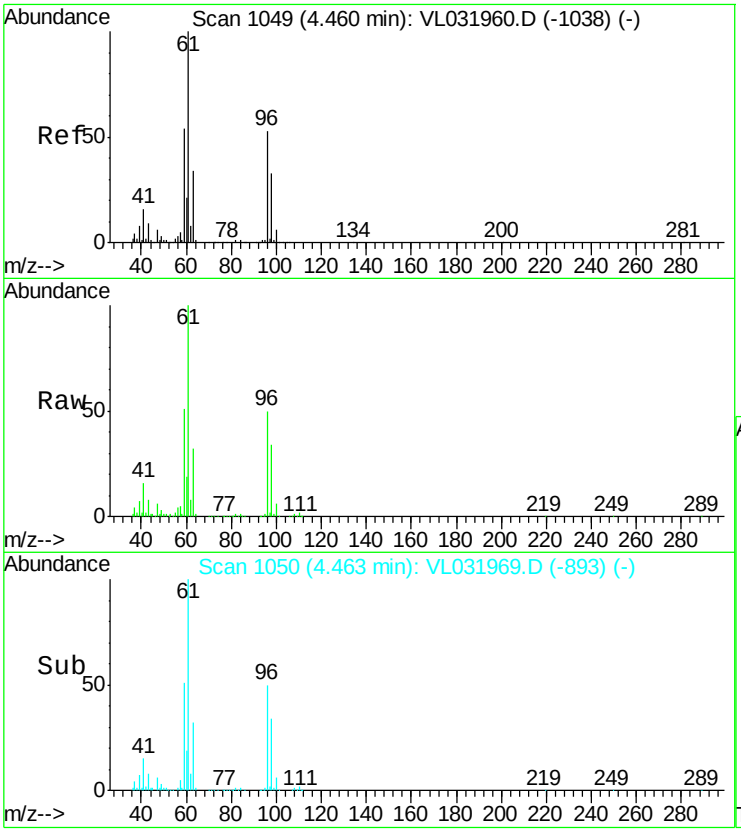


#16
1,3-Butadiene
Concen: 9.89 ppbv
RT: 3.45 min Scan# 736
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Tgt Ion: 39 Resp: 563352

Ion	Ratio	Lower	Upper
39	100		
54	86.8	66.2	99.2



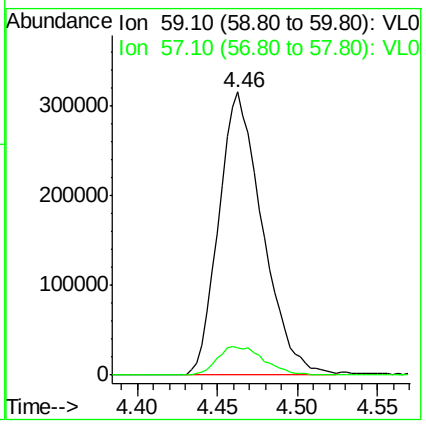


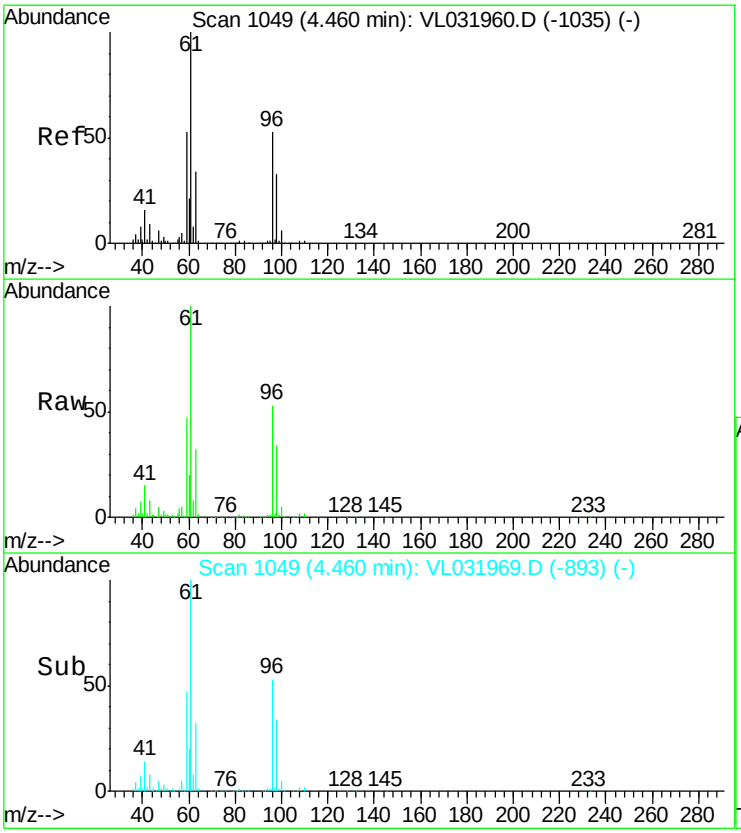
#17
tert-Butyl alcohol
Concen: 7.99 ppbv
RT: 4.46 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Instrument :
MSVOA_L
ClientSampleId :
VL0503ABS01

Tgt Ion: 59 Resp: 585909

Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.3	12.5

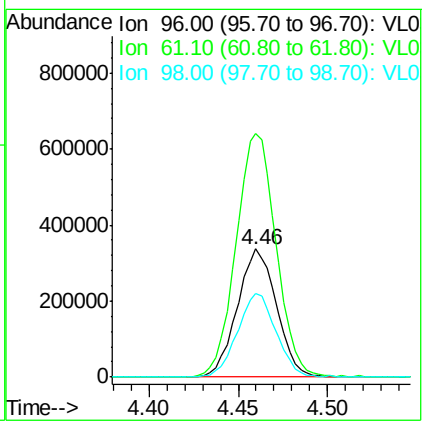


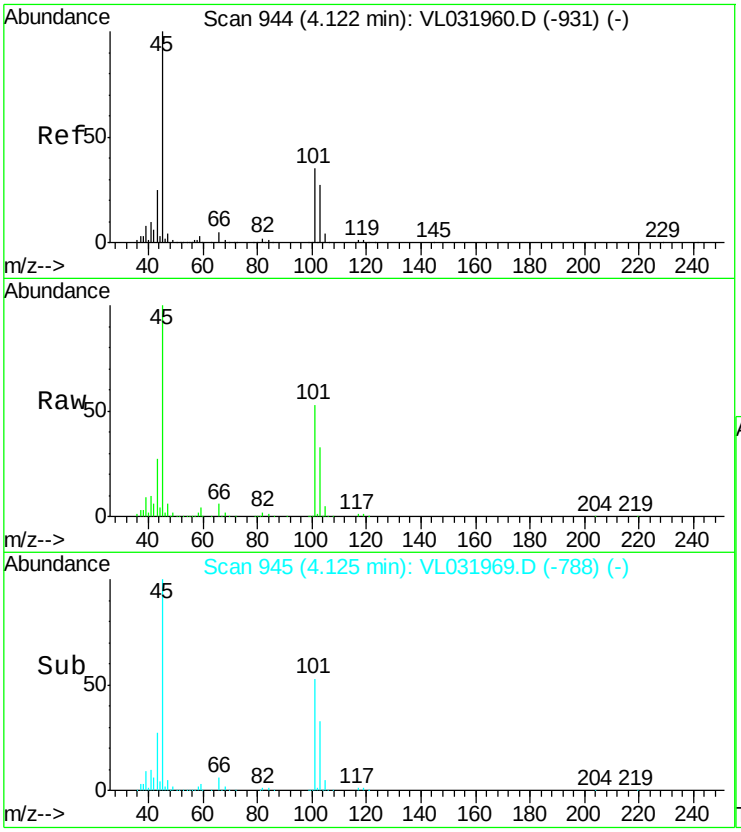


#18
1,1-Dichloroethene
Concen: 8.40 ppbv
RT: 4.46 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Tgt Ion: 96 Resp: 518640

Ion	Ratio	Lower	Upper
96	100		
61	189.5	149.9	224.9
98	65.0	49.7	74.5



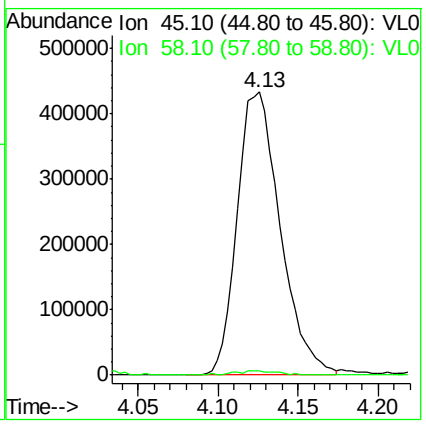


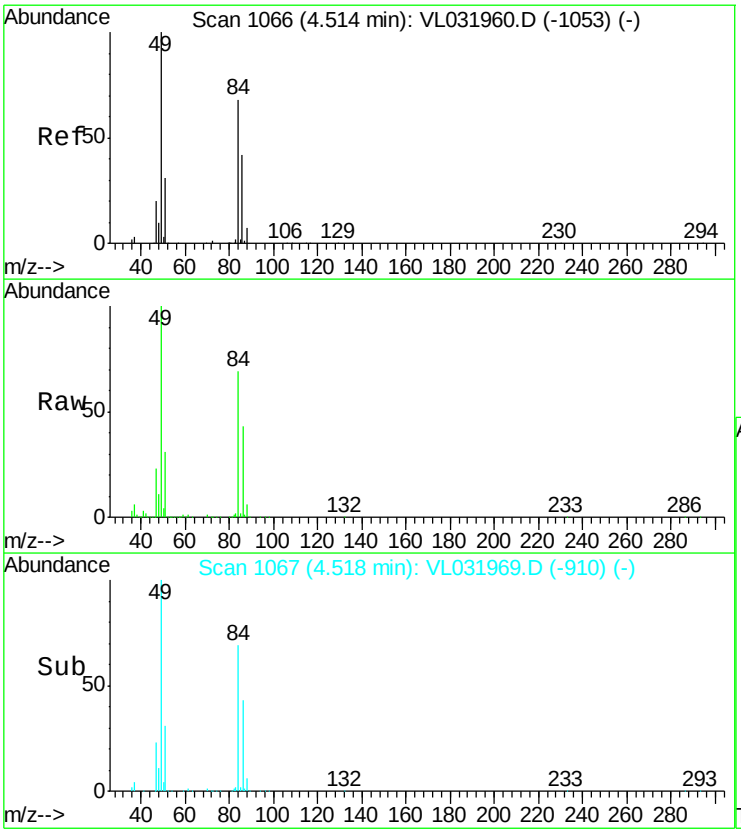
#19
Isopropyl Alcohol
Concen: 8.29 ppbv
RT: 4.13 min Scan# 945
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Instrument : MSVOA_L
ClientSampleId : VL0503ABS01

Tgt Ion: 45 Resp: 794244

Ion	Ratio	Lower	Upper
45	100		
58	2.1	1.4	2.2

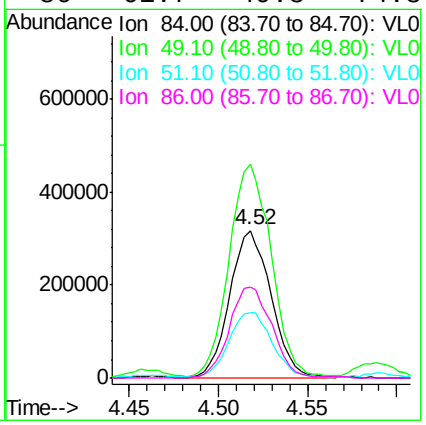


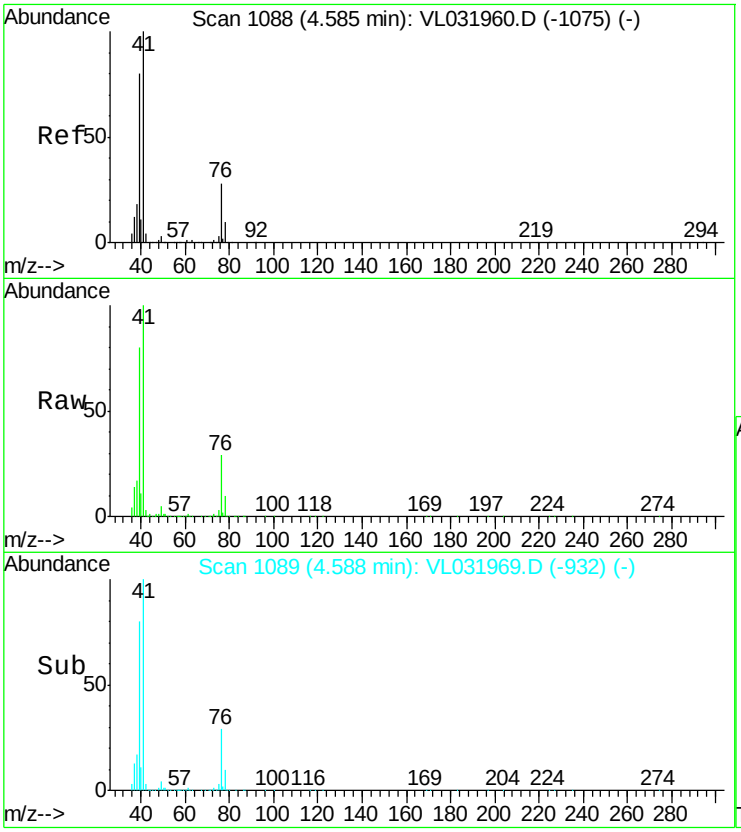


#20
Methylene Chloride
Concen: 8.53 ppbv
RT: 4.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Tgt Ion: 84 Resp: 510067

Ion	Ratio	Lower	Upper
84	100		
49	144.0	118.6	178.0
51	43.9	36.6	54.8
86	61.7	49.8	74.8



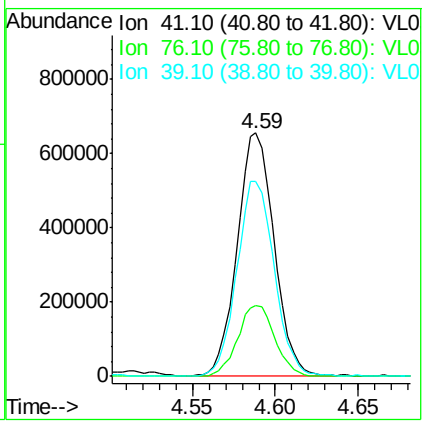


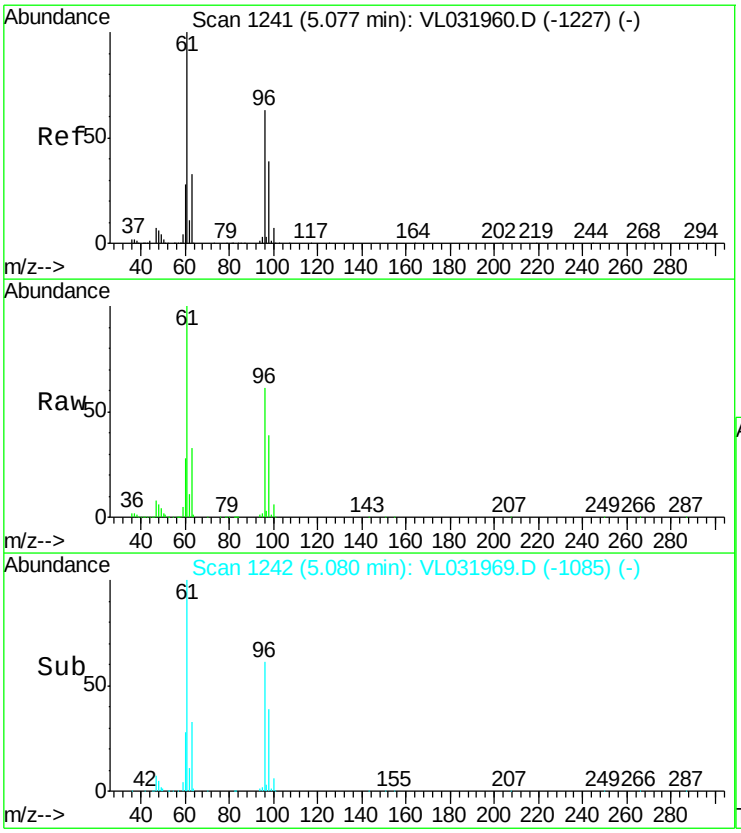
#21
Allyl Chloride
Concen: 10.03 ppbv
RT: 4.59 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Instrument : MSVOA_L
ClientSampleId : VL0503ABS01

Tgt Ion: 41 Resp: 1013551

Ion	Ratio	Lower	Upper
41	100		
76	29.4	23.4	35.0
39	81.3	64.5	96.7

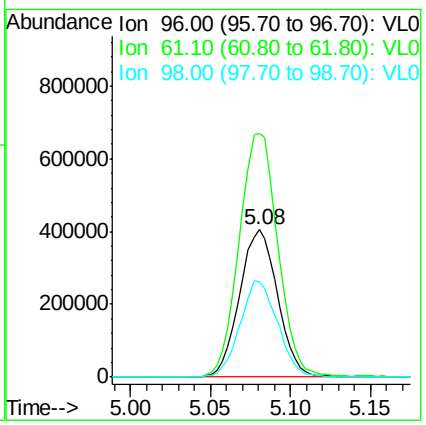


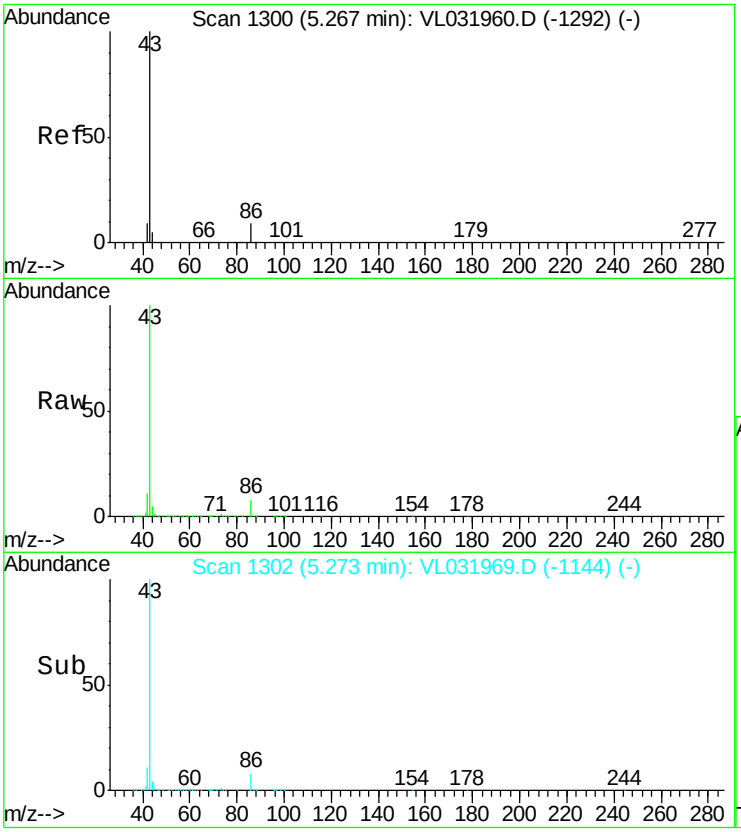


#22
trans-1,2-Dichloroethene
Concen: 9.60 ppbv
RT: 5.08 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Tgt Ion: 96 Resp: 657494

Ion	Ratio	Lower	Upper
96	100		
61	165.0	127.7	191.5
98	64.6	49.3	73.9



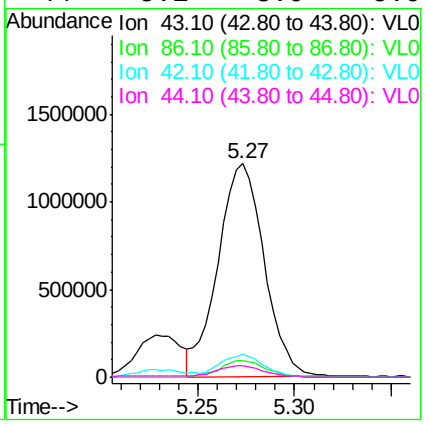


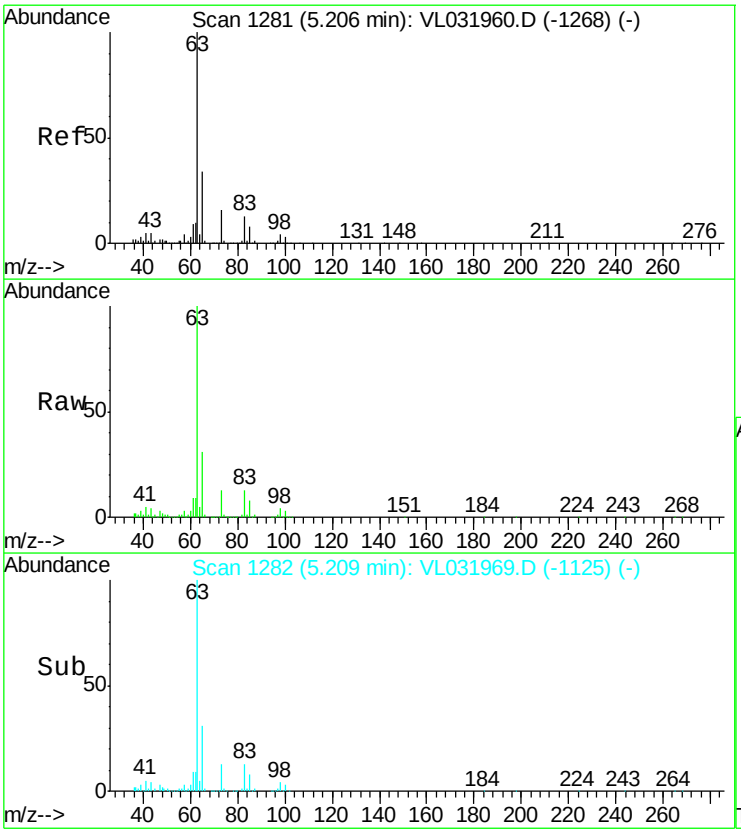
#23
Vinyl Acetate
Concen: 9.91 ppbv
RT: 5.27 min Scan# 1302
Delta R.T. 0.01 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Instrument : MSVOA_L
ClientSampleId : VL0503ABS01

Tgt Ion: 43 Resp: 2006392

Ion	Ratio	Lower	Upper
43	100		
86	7.6	6.1	9.1
42	10.5	8.0	12.0
44	5.1	3.9	5.9

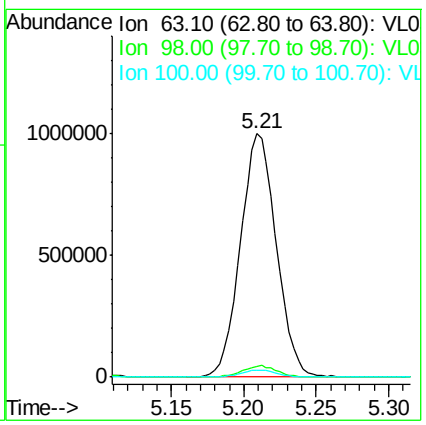


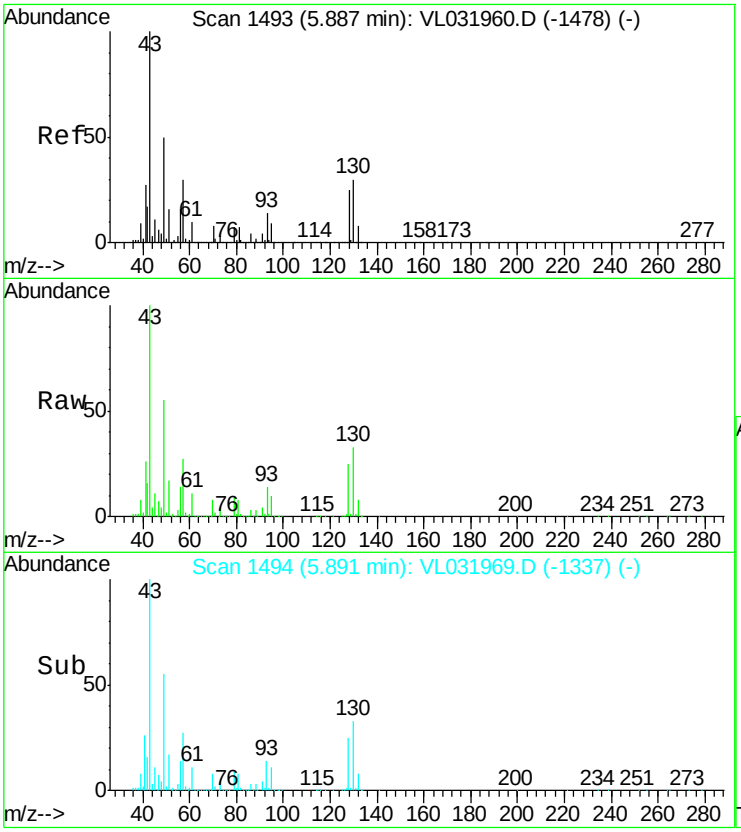


#24
1,1-Dichloroethane
Concen: 9.08 ppbv
RT: 5.21 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Tgt Ion: 63 Resp: 1715957

Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.2	6.6
100	2.8	1.5	4.5



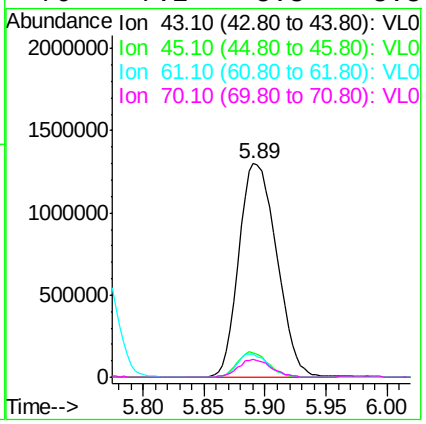


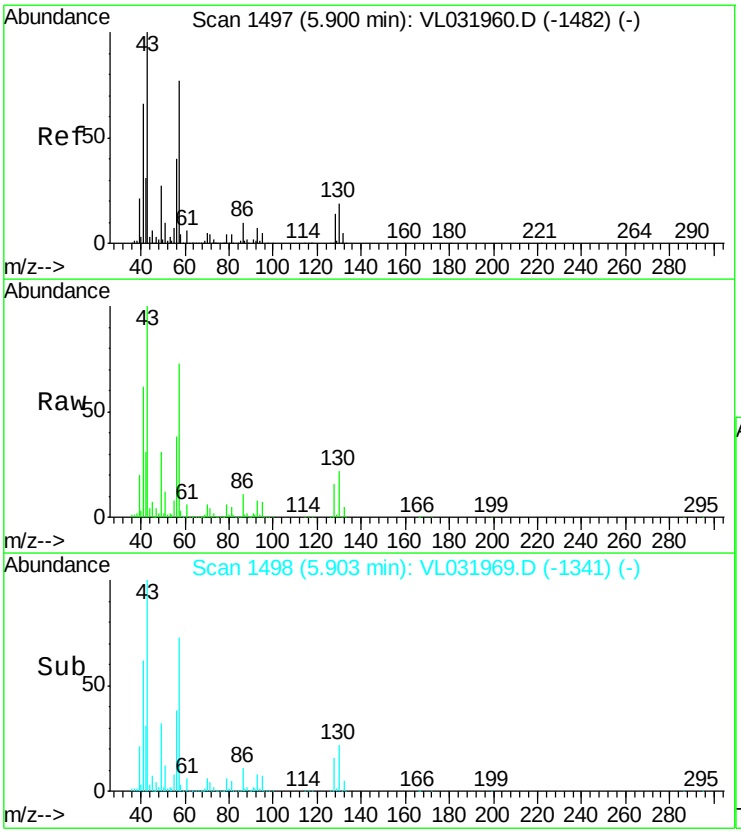
#25
Ethyl Acetate
Concen: 9.16 ppbv
RT: 5.89 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Instrument : MSVOA_L
ClientSampleId : VL0503ABS01

Tgt Ion: 43 Resp: 2785998

Ion	Ratio	Lower	Upper
43	100		
45	9.6	7.8	11.6
61	9.3	7.4	11.2
70	7.2	5.8	8.8

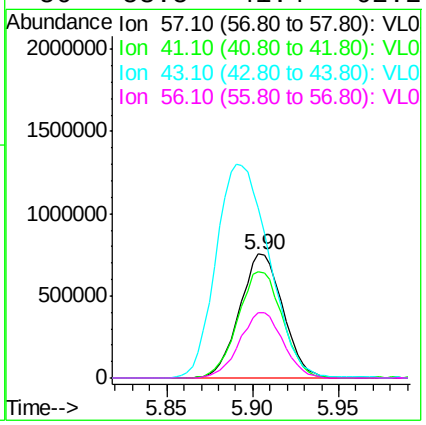


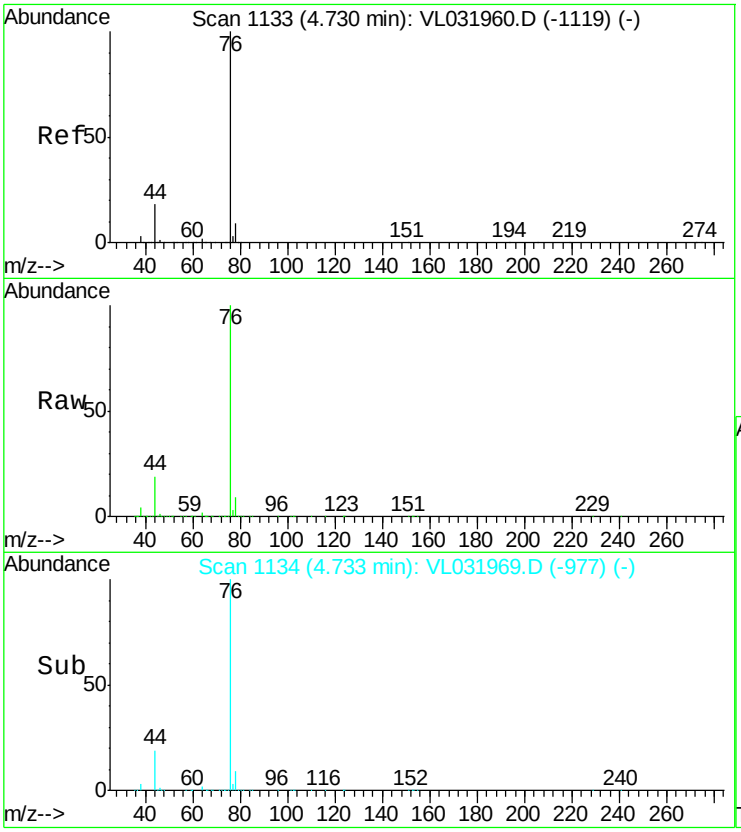


#26
Hexane
Concen: 9.17 ppbv
RT: 5.90 min Scan# 1498
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Tgt Ion: 57 Resp: 1311800

Ion	Ratio	Lower	Upper
57	100		
41	88.9	71.8	107.6
43	213.3	171.5	257.3
56	53.5	41.4	62.2



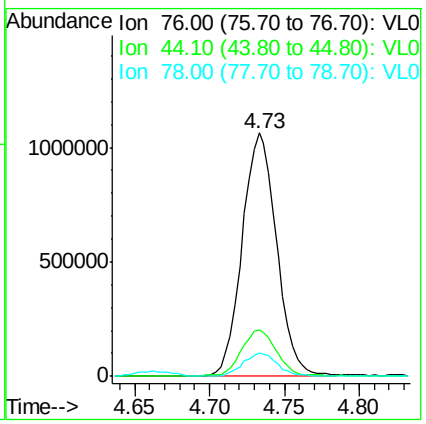


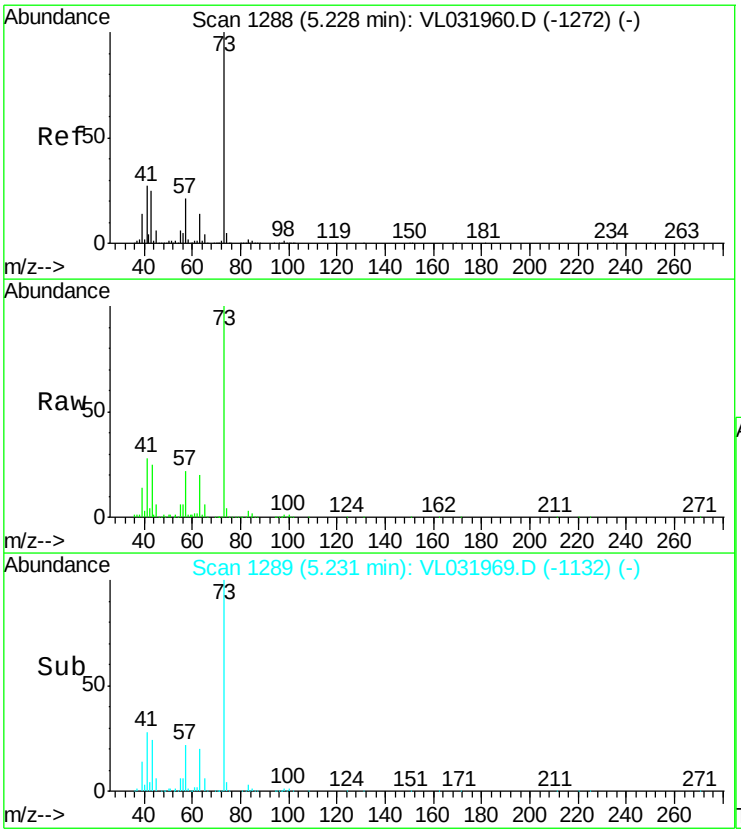
#27
Carbon Disulfide
Concen: 10.65 ppbv
RT: 4.73 min Scan# 1134
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Instrument : MSVOA_L
ClientSampleId : VL0503ABS01

Tgt Ion: 76 Resp: 1706937

Ion	Ratio	Lower	Upper
76	100		
44	19.0	15.4	23.0
78	9.6	7.4	11.0

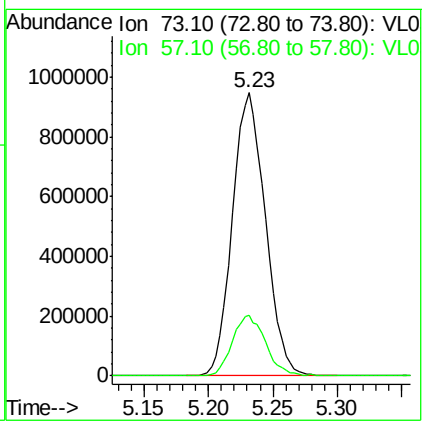


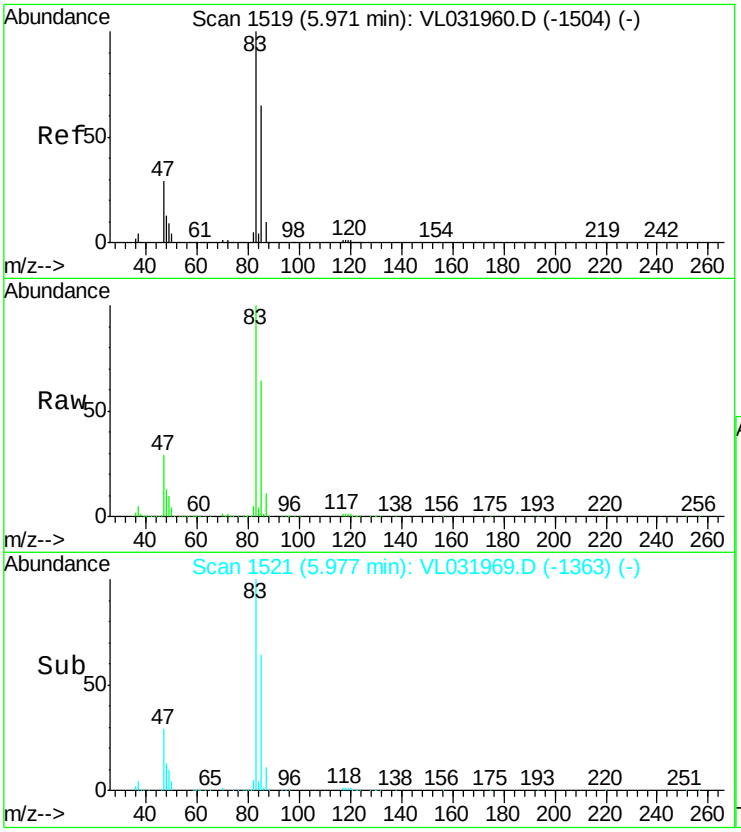


#28
Methyl tert-Butyl Ether
Concen: 9.59 ppbv
RT: 5.23 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Tgt Ion: 73 Resp: 1686280

Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.6	26.4



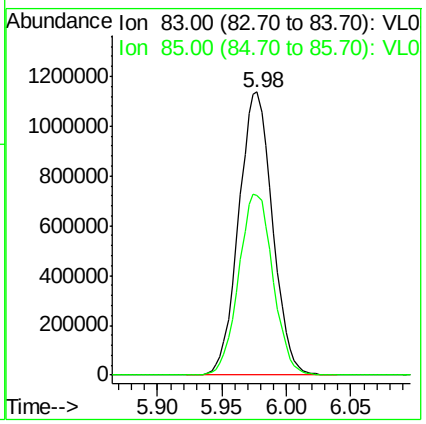


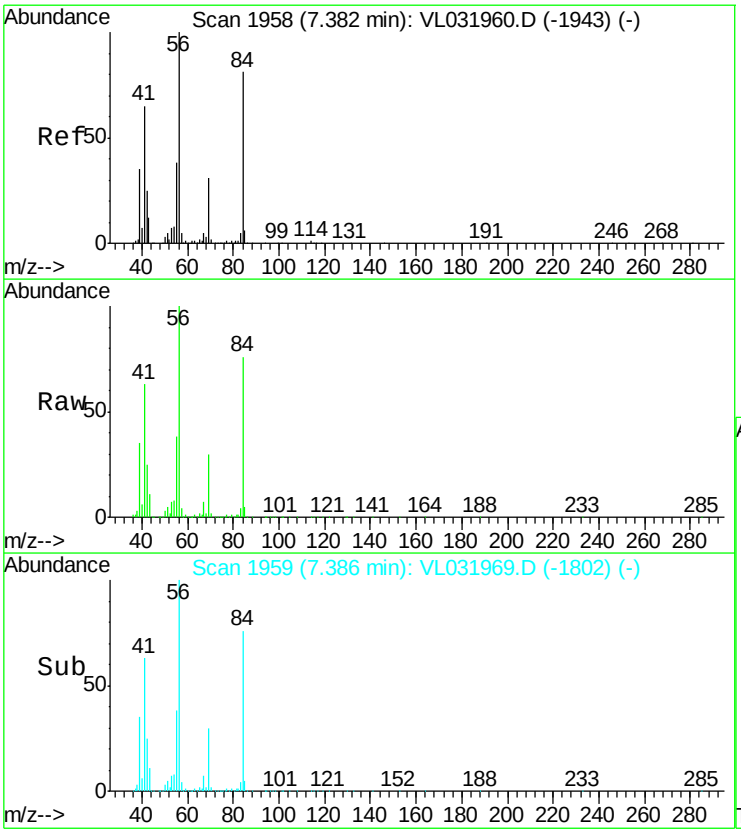
#29
Chloroform
Concen: 9.17 ppbv
RT: 5.98 min Scan# 1521
Delta R.T. 0.01 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Instrument :
MSVOA_L
ClientSampleId :
VL0503ABS01

Tgt Ion: 83 Resp: 2075116

Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.2	78.2

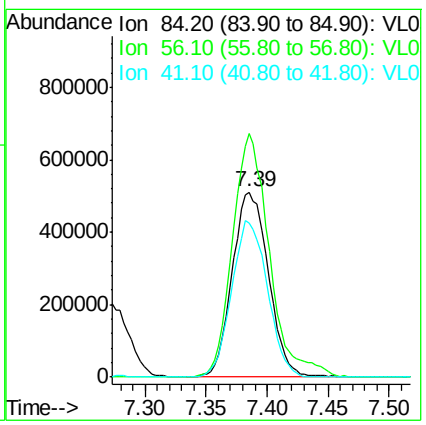


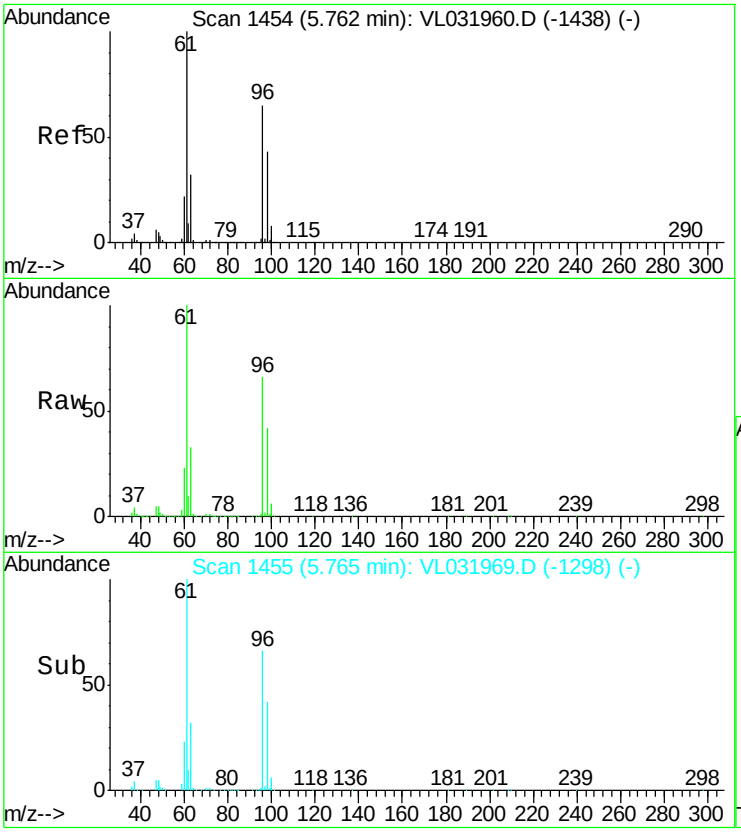


#30
Cyclohexane
Concen: 10.99 ppbv
RT: 7.39 min Scan# 1959
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Tgt Ion: 84 Resp: 1047360

Ion	Ratio	Lower	Upper
84	100		
56	134.4	108.0	162.0
41	83.5	66.8	100.2



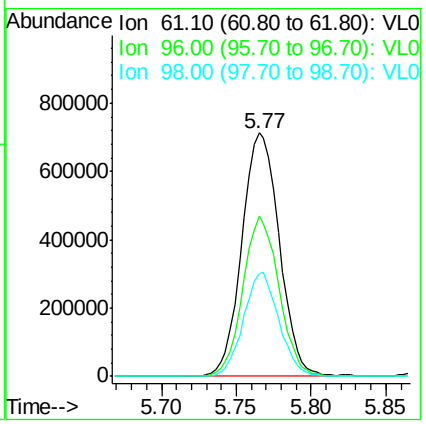


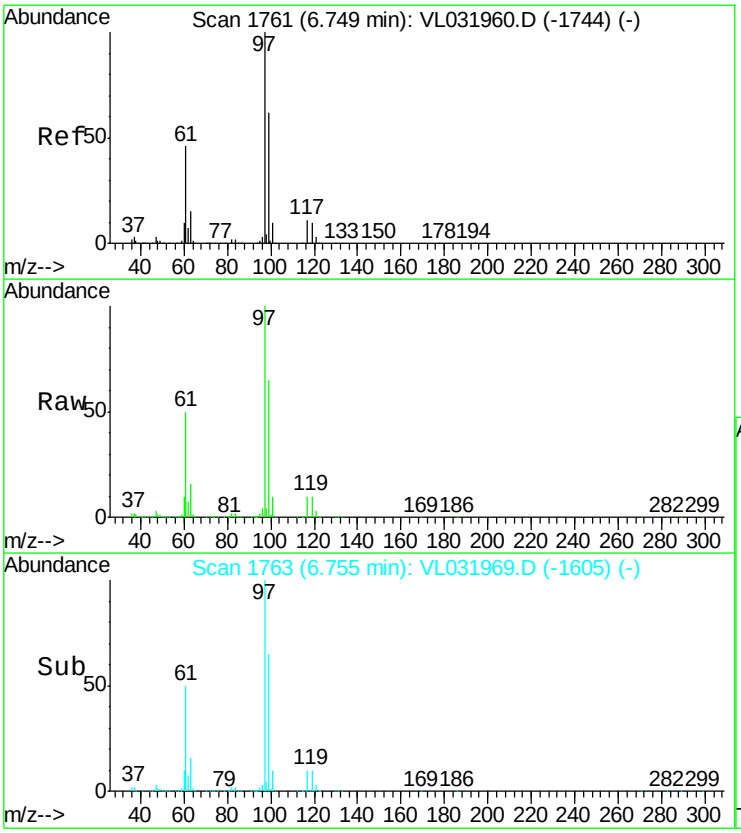
#31
cis-1,2-Dichloroethene
Concen: 9.49 ppbv
RT: 5.77 min Scan# 1455
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Instrument : MSVOA_L
ClientSampleId : VL0503ABS01

Tgt Ion: 61 Resp: 1242135

Ion	Ratio	Lower	Upper
61	100		
96	66.1	51.8	77.6
98	42.3	34.2	51.4

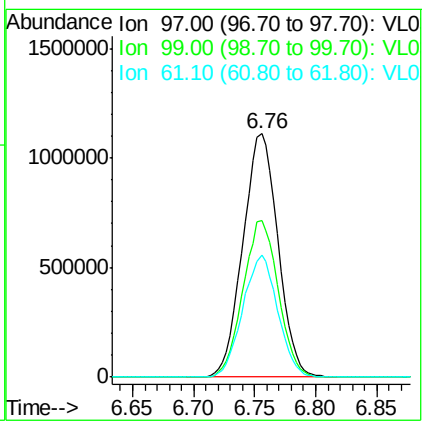


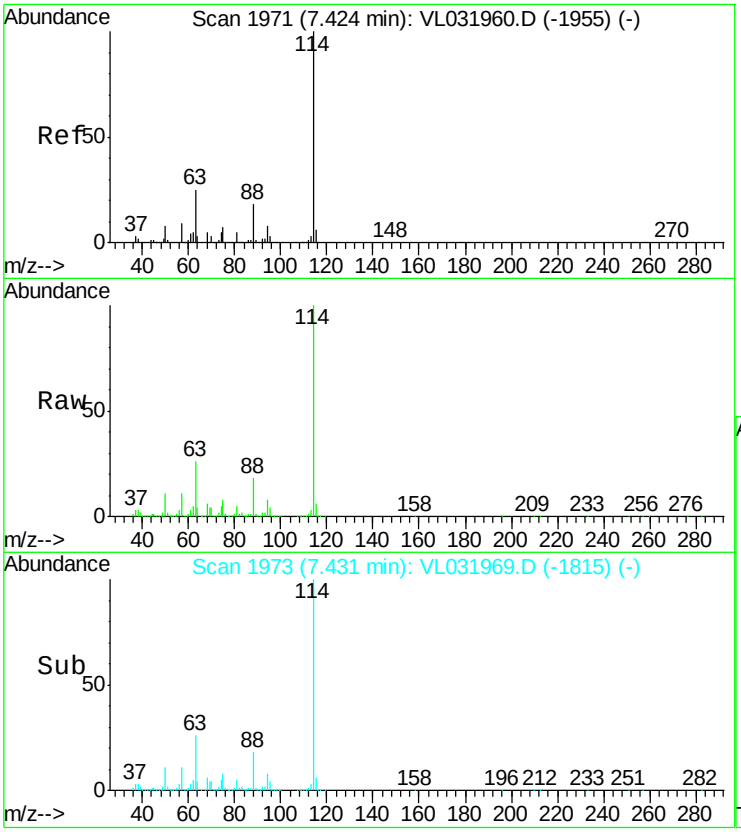


#32
1,1,1-Trichloroethane
Concen: 10.56 ppbv
RT: 6.76 min Scan# 1763
Delta R.T. 0.01 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Tgt Ion: 97 Resp: 2202283

Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.0	76.6
61	50.0	38.1	57.1



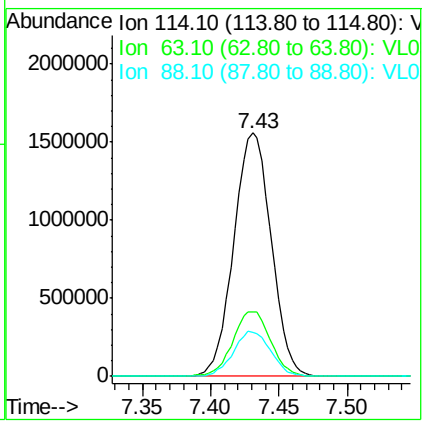


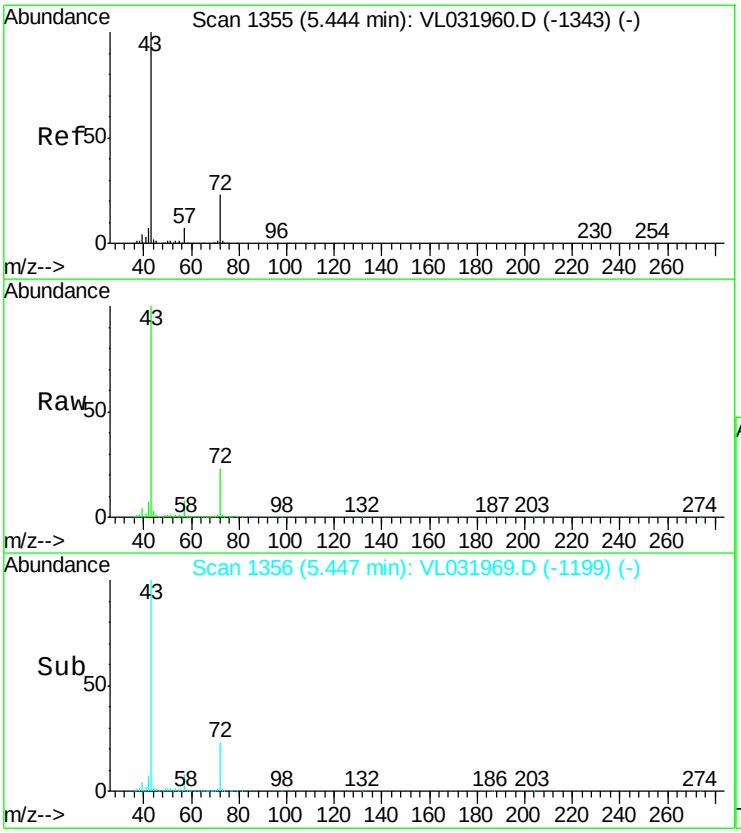
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.43 min Scan# 1973
Delta R.T. 0.01 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Instrument :
MSVOA_L
ClientSampleId :
VL0503ABS01

Tgt Ion:114 Resp: 2976263

Ion	Ratio	Lower	Upper
114	100		
63	27.1	20.8	31.2
88	18.5	14.6	21.8

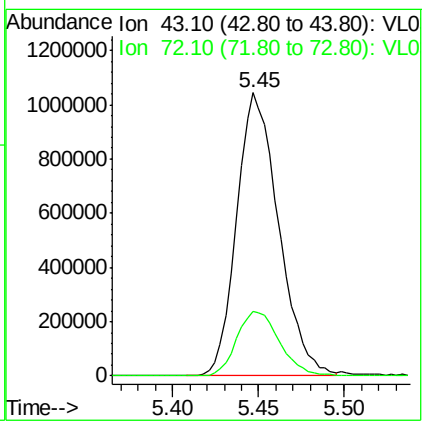


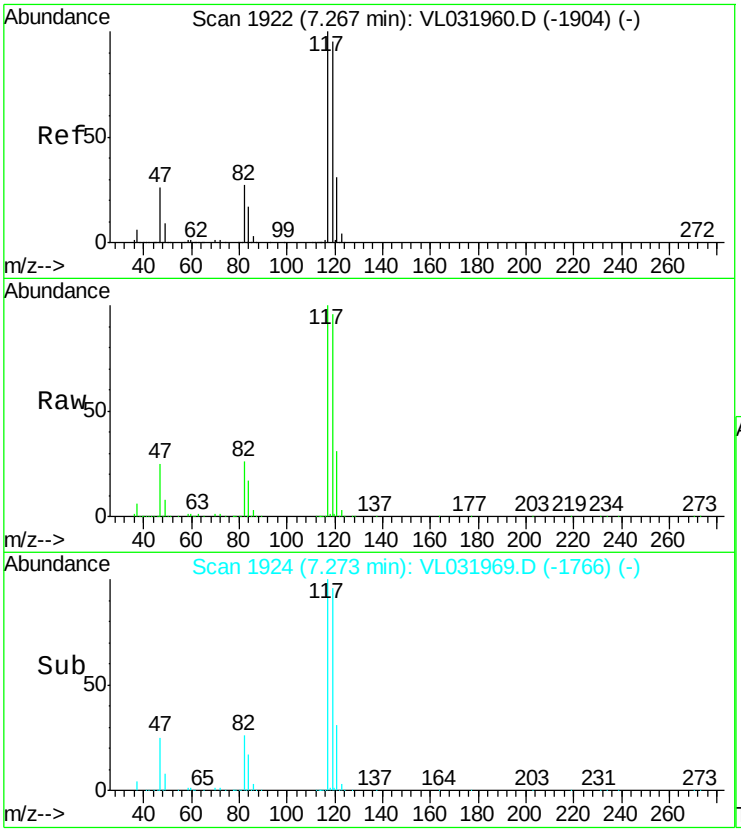


#34
2-Butanone
Concen: 7.20 ppbv
RT: 5.45 min Scan# 1356
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Tgt Ion: 43 Resp: 1767834

Ion	Ratio	Lower	Upper
43	100		
72	23.6	18.3	27.5



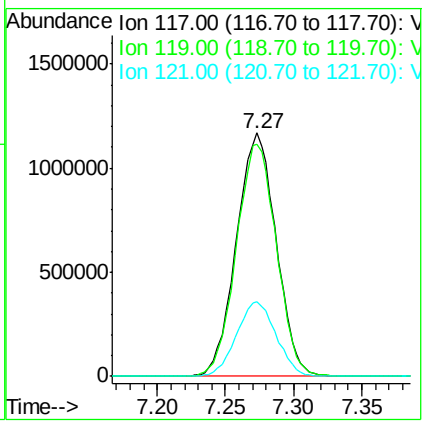


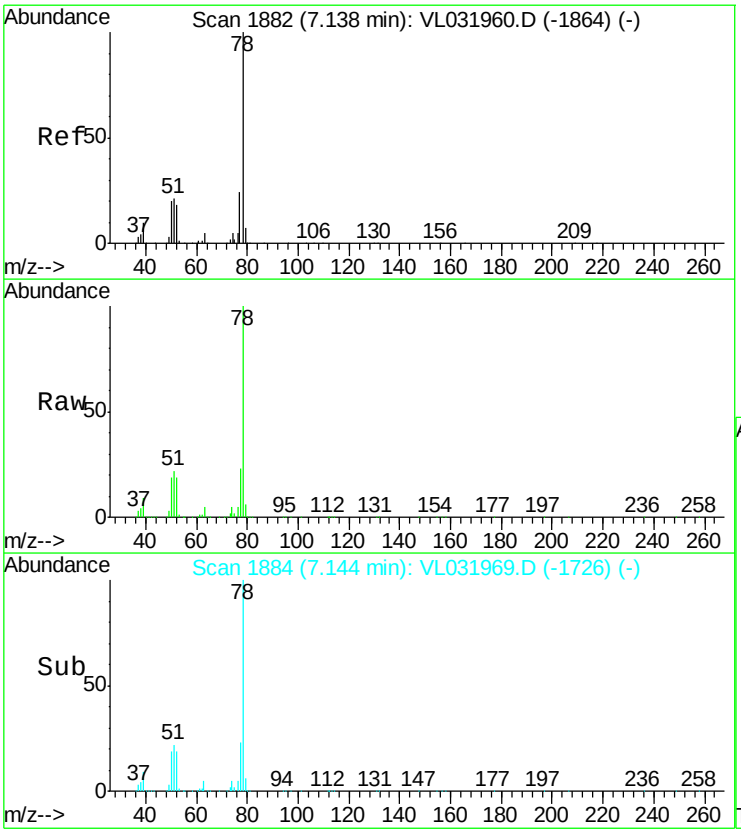
#35
Carbon Tetrachloride
Concen: 10.01 ppbv
RT: 7.27 min Scan# 1924
Delta R.T. 0.01 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Instrument :
MSVOA_L
ClientSampleId :
VL0503ABS01

Tgt Ion:117 Resp: 2360425

Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.4	114.6
121	30.5	24.4	36.6

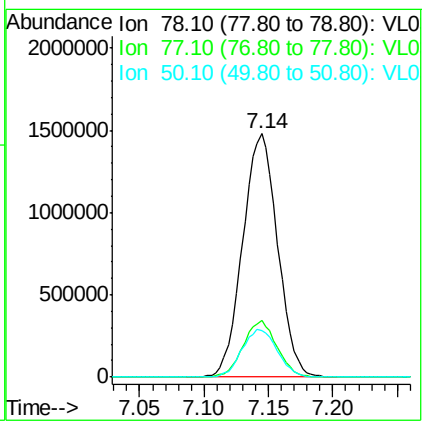


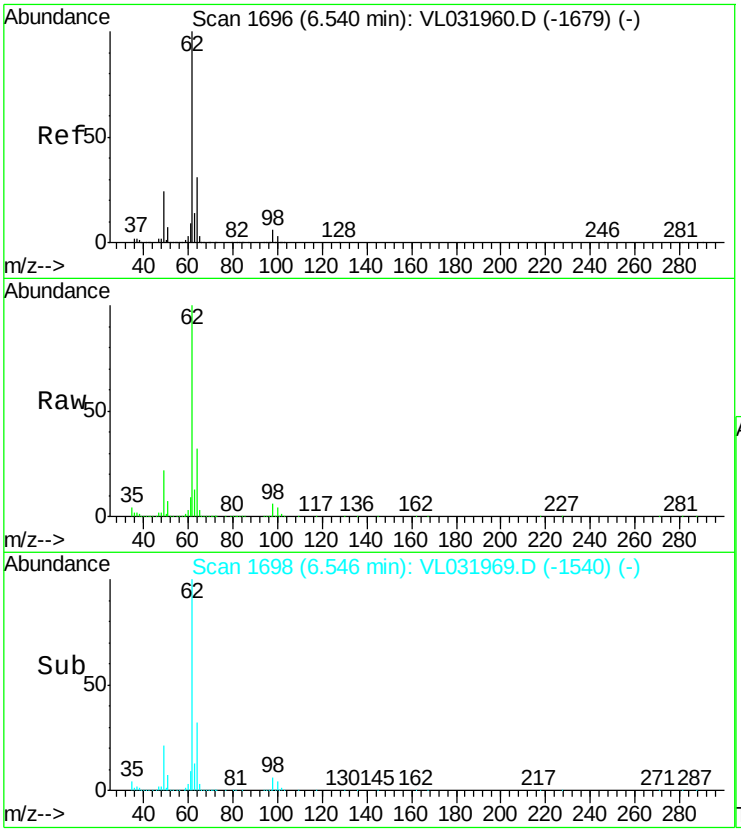


#36
Benzene
Concen: 9.95 ppbv
RT: 7.14 min Scan# 1884
Delta R.T. 0.01 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Tgt Ion: 78 Resp: 2789768

Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.2	28.8
50	19.2	16.2	24.4



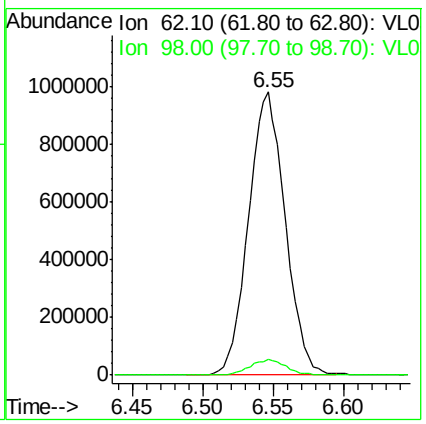


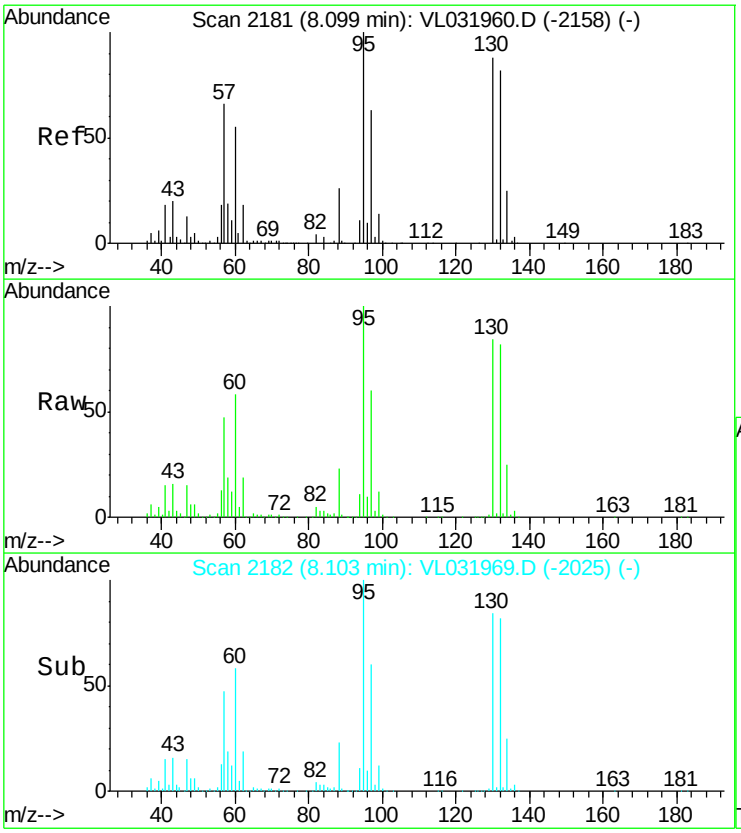
#37
1,2-Dichloroethane
Concen: 8.87 ppbv
RT: 6.55 min Scan# 1698
Delta R.T. 0.01 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Instrument : MSVOA_L
ClientSampleId : VL0503ABS01

Tgt Ion: 62 Resp: 1788120

Ion	Ratio	Lower	Upper
62	100		
98	5.4	4.6	6.8

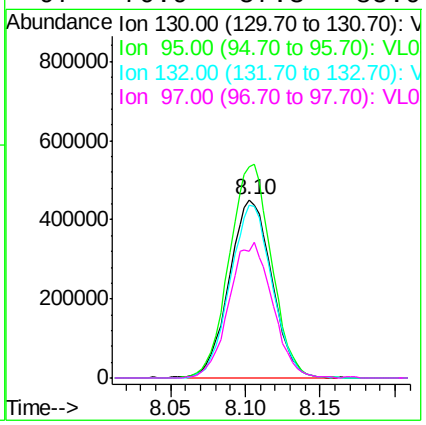


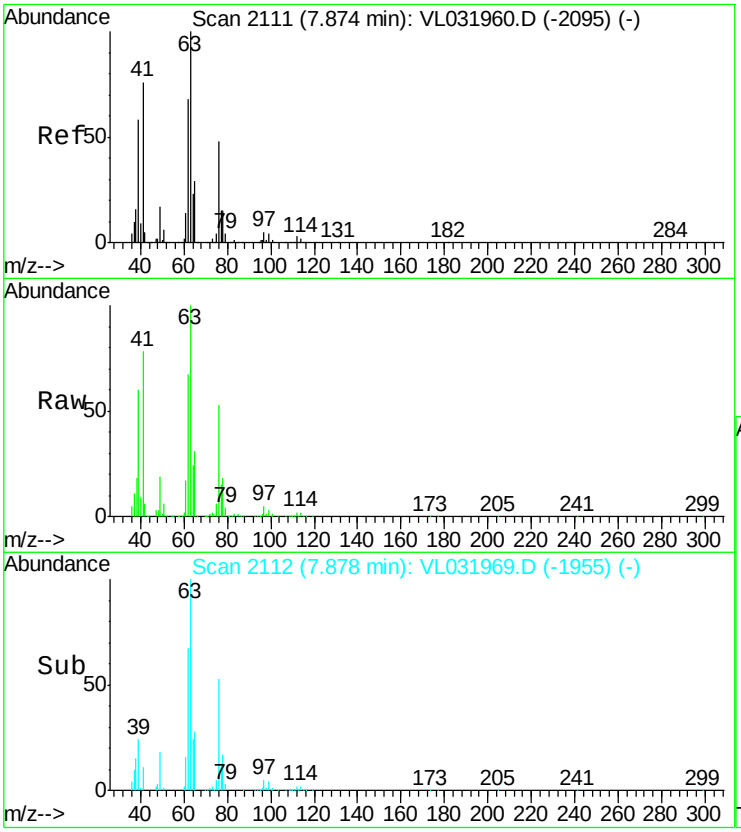


#38
Trichloroethene
Concen: 8.33 ppbv
RT: 8.10 min Scan# 2182
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Tgt Ion:130 Resp: 886911

Ion	Ratio	Lower	Upper
130	100		
95	118.5	90.7	136.1
132	96.6	74.3	111.5
97	70.9	57.3	85.9



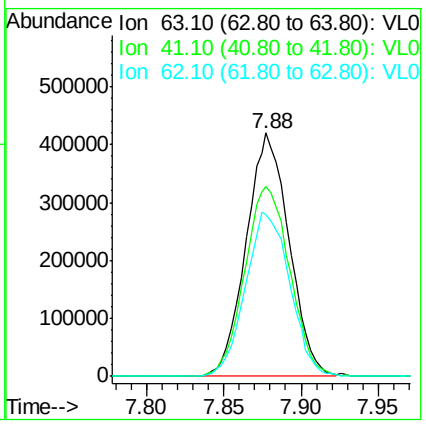


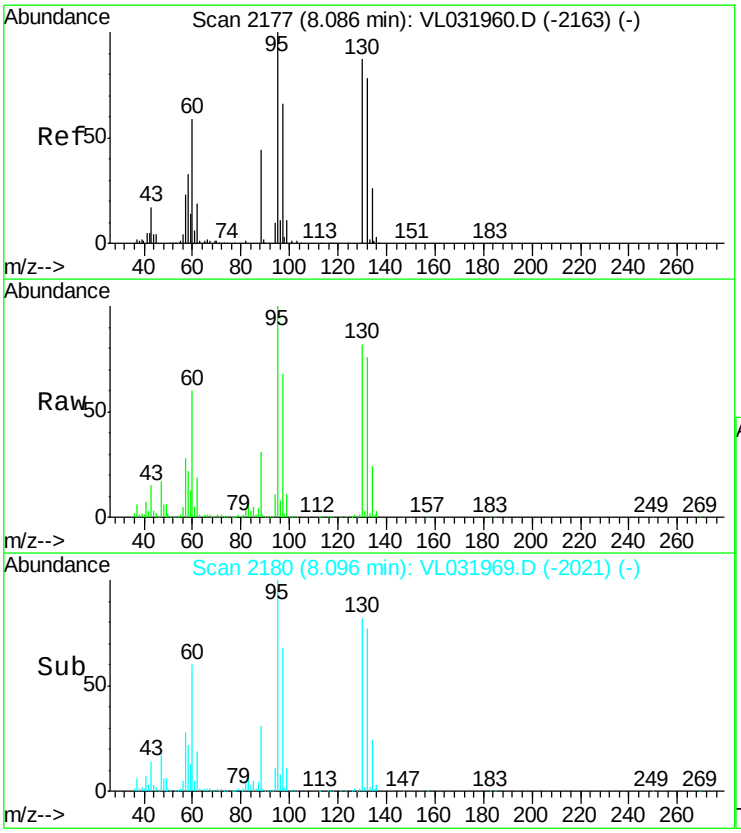
#39
1,2-Dichloropropane
Concen: 8.30 ppbv
RT: 7.88 min Scan# 2112
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Instrument : MSVOA_L
ClientSampleId : VL0503ABS01

Tgt Ion: 63 Resp: 810533

Ion	Ratio	Lower	Upper
63	100		
41	77.8	60.7	91.1
62	66.6	54.7	82.1

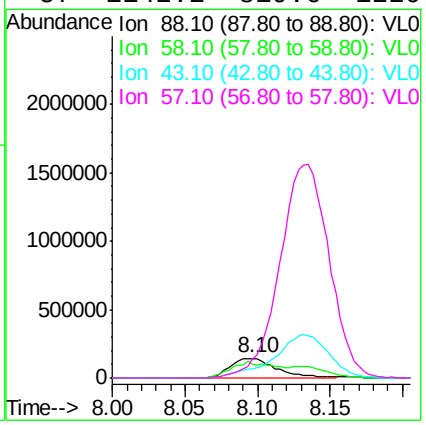


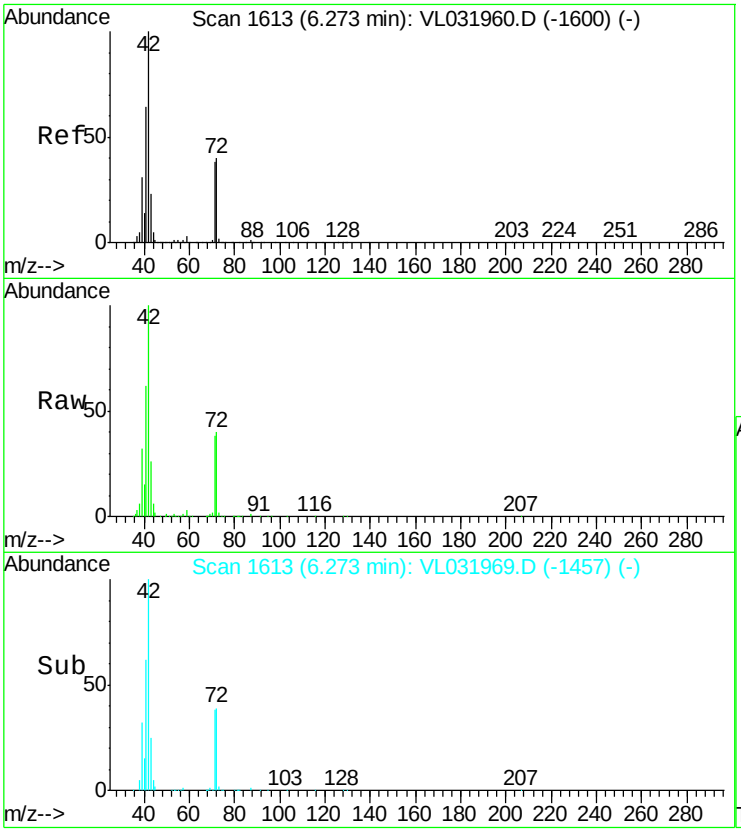


#40
1,4-Dioxane
Concen: 7.37 ppbv
RT: 8.10 min Scan# 2180
Delta R.T. 0.01 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Tgt Ion: 88 Resp: 324259

Ion	Ratio	Lower	Upper
88	100		
58	126.2	94.9	142.3
43	255.7	188.2	282.2
57	1142.2	819.6	1229.4



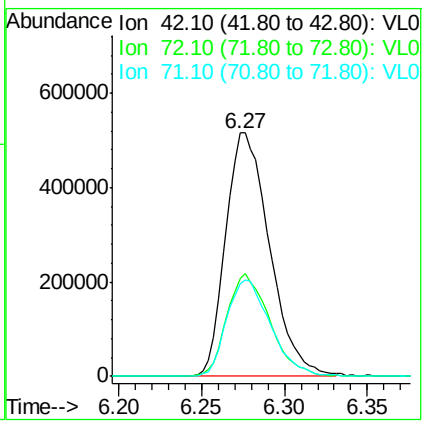


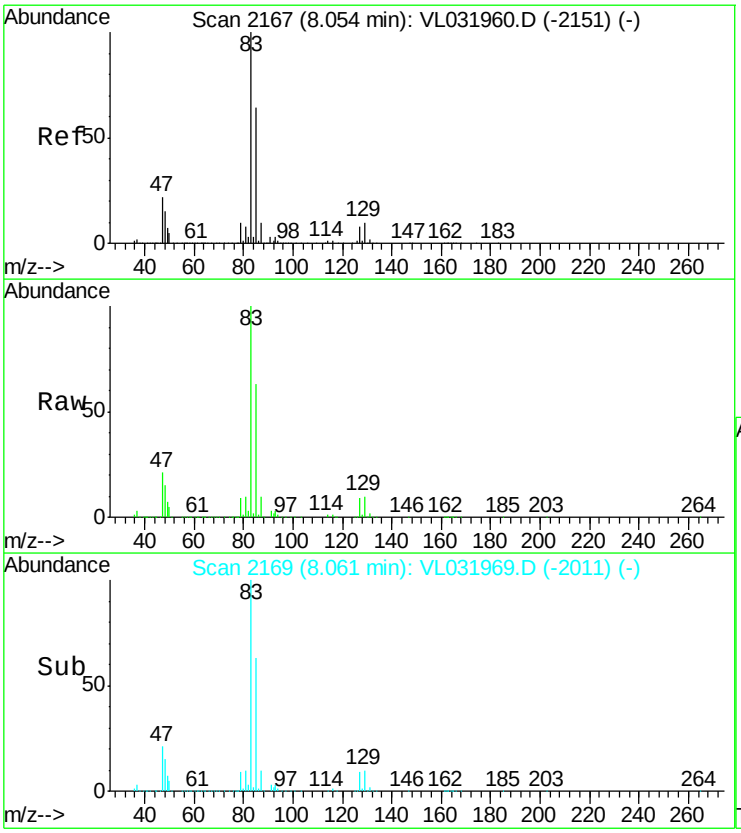
#41
Tetrahydrofuran
Concen: 8.88 ppbv
RT: 6.27 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Instrument : MSVOA_L
ClientSampleId : VL0503ABS01

Tgt Ion: 42 Resp: 949444

Ion	Ratio	Lower	Upper
42	100		
72	41.2	32.3	48.5
71	39.7	31.4	47.2

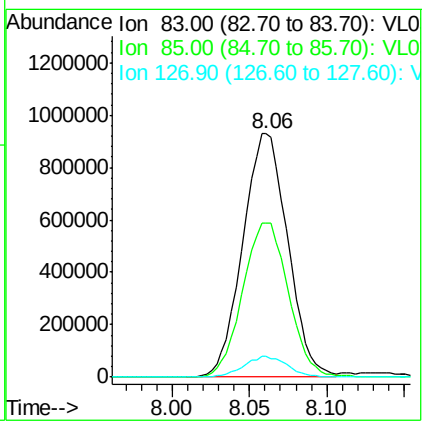


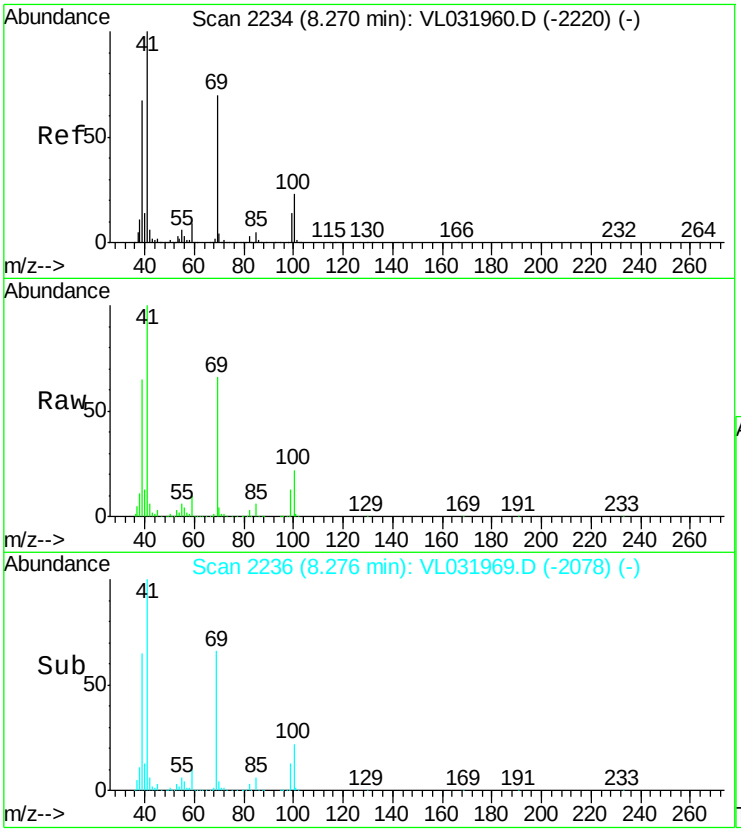


#42
Bromodichloromethane
Concen: 8.36 ppbv
RT: 8.06 min Scan# 2169
Delta R.T. 0.01 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Tgt Ion: 83 Resp: 1878090

Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.0	76.6
127	8.7	6.7	10.1



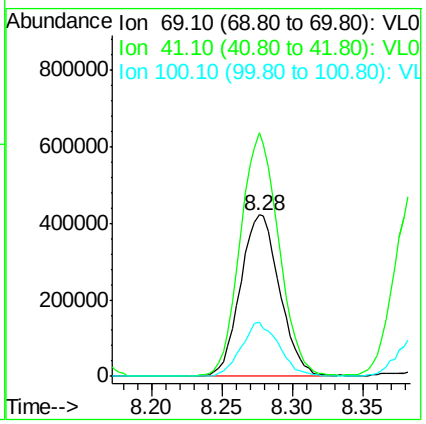


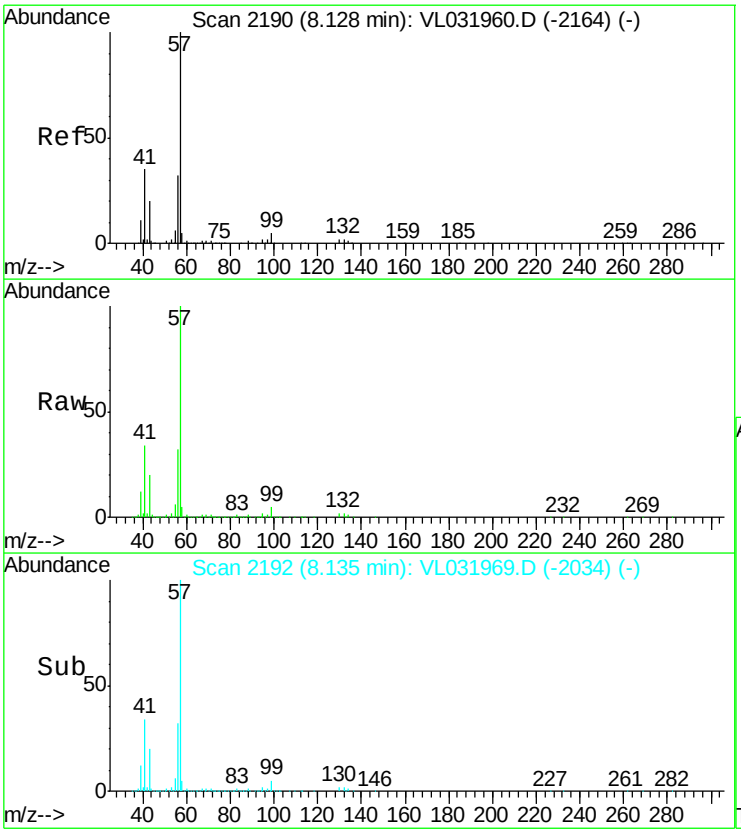
#43
Methyl Methacrylate
Concen: 8.71 ppbv
RT: 8.28 min Scan# 2236
Delta R.T. 0.01 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Instrument : MSVOA_L
ClientSampleId : VL0503ABS01

Tgt Ion: 69 Resp: 823111

Ion	Ratio	Lower	Upper
69	100		
41	148.0	119.4	179.2
100	32.1	26.0	39.0

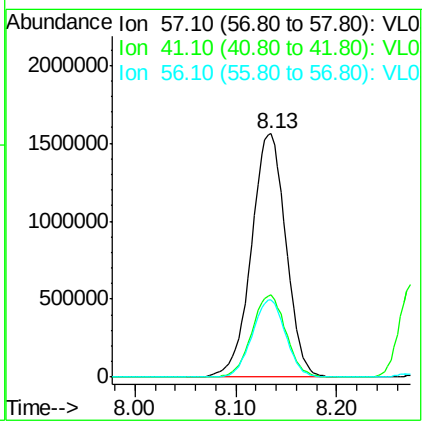


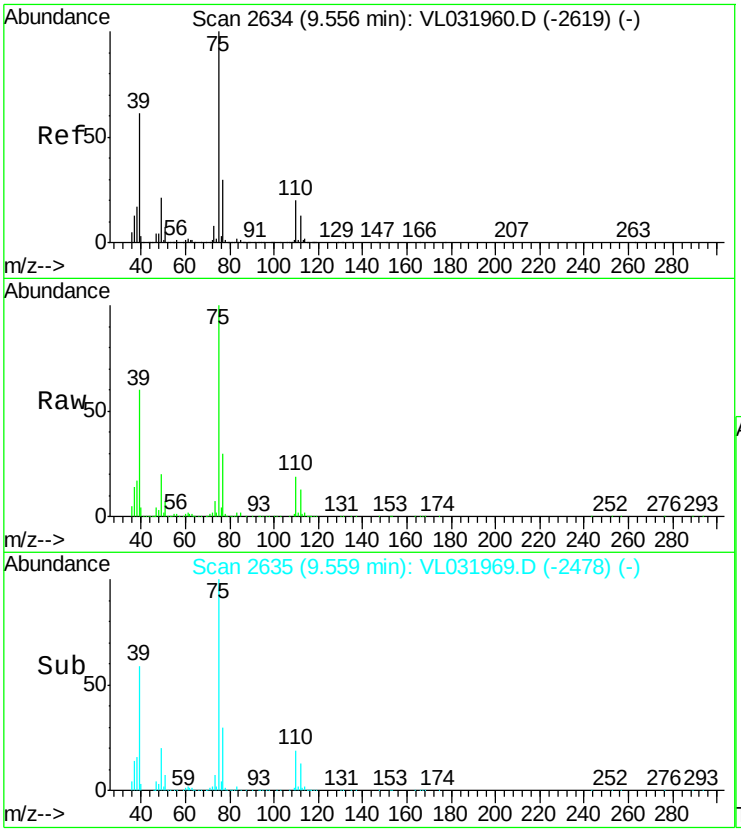


#44
2,2,4-Trimethylpentane
Concen: 8.18 ppbv
RT: 8.13 min Scan# 2192
Delta R.T. 0.01 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Tgt Ion: 57 Resp: 3700432

Ion	Ratio	Lower	Upper
57	100		
41	33.1	26.6	39.8
56	30.7	24.4	36.6



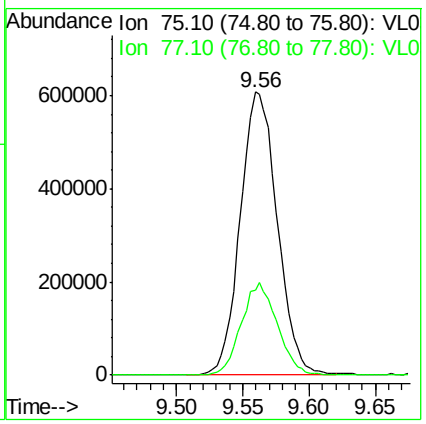


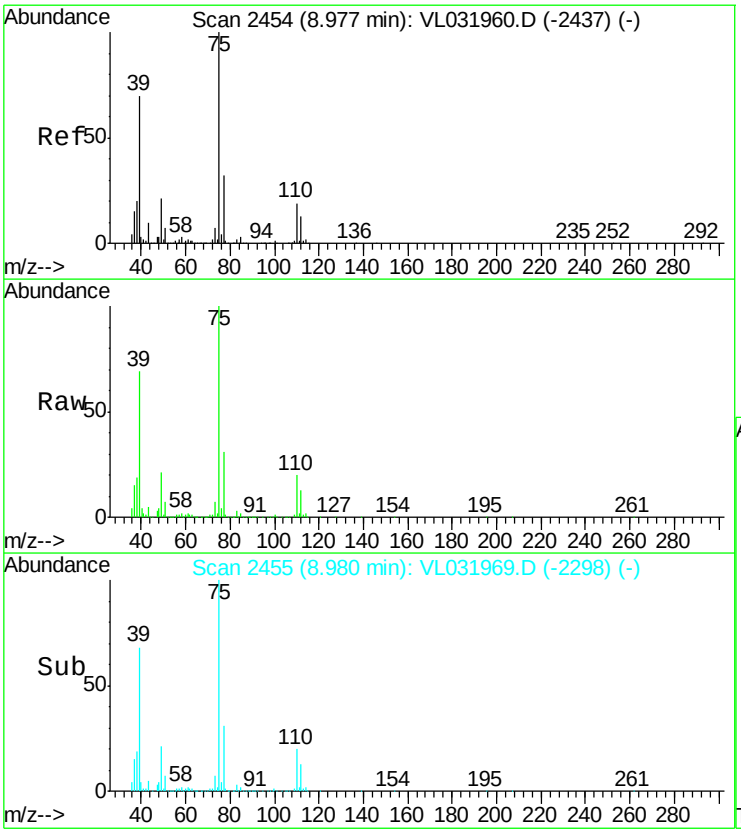
#45
t-1,3-Dichloropropene
Concen: 9.41 ppbv
RT: 9.56 min Scan# 2635
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Instrument :
MSVOA_L
ClientSampleId :
VL0503ABS01

Tgt Ion: 75 Resp: 1178378

Ion	Ratio	Lower	Upper
75	100		
77	29.9	24.4	36.6

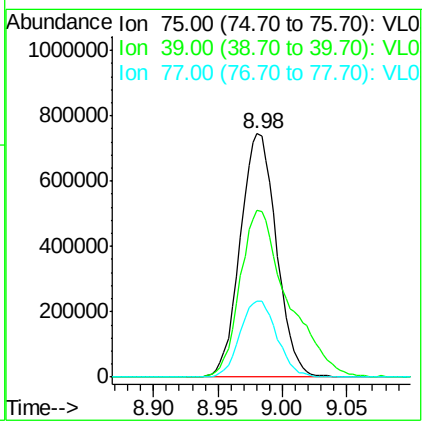


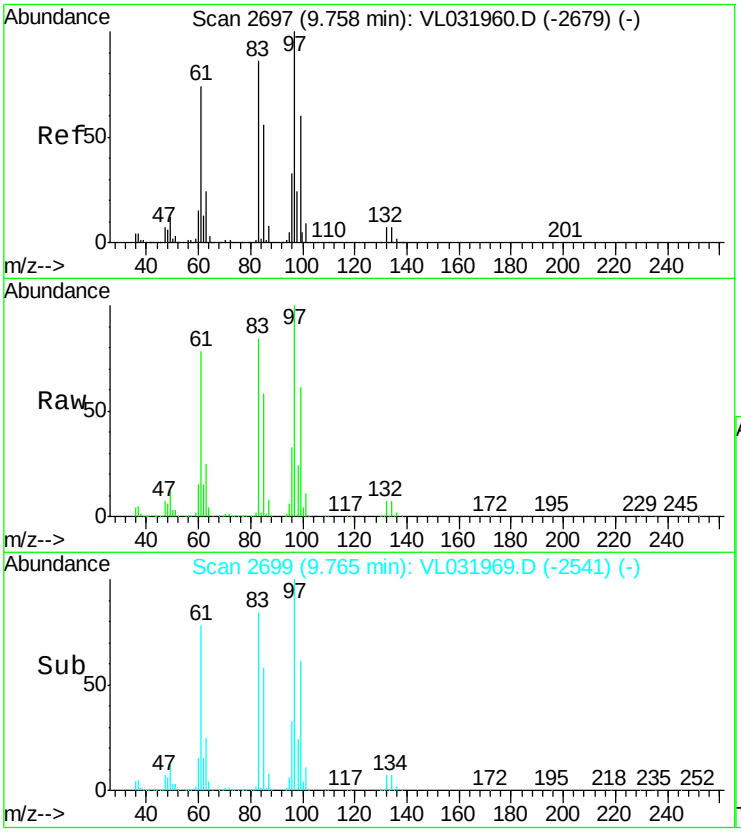


#46
cis-1,3-Dichloropropene
Concen: 9.43 ppbv
RT: 8.98 min Scan# 2455
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Tgt Ion: 75 Resp: 1457874

Ion	Ratio	Lower	Upper
75	100		
39	68.5	55.7	83.5
77	31.4	25.9	38.9



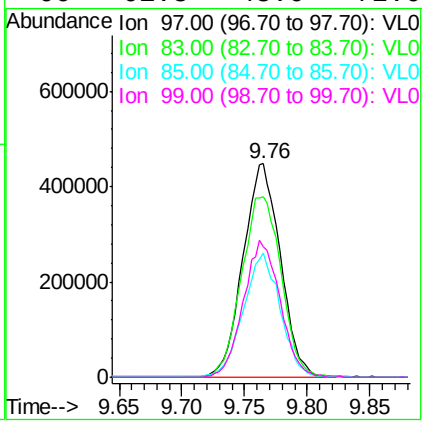


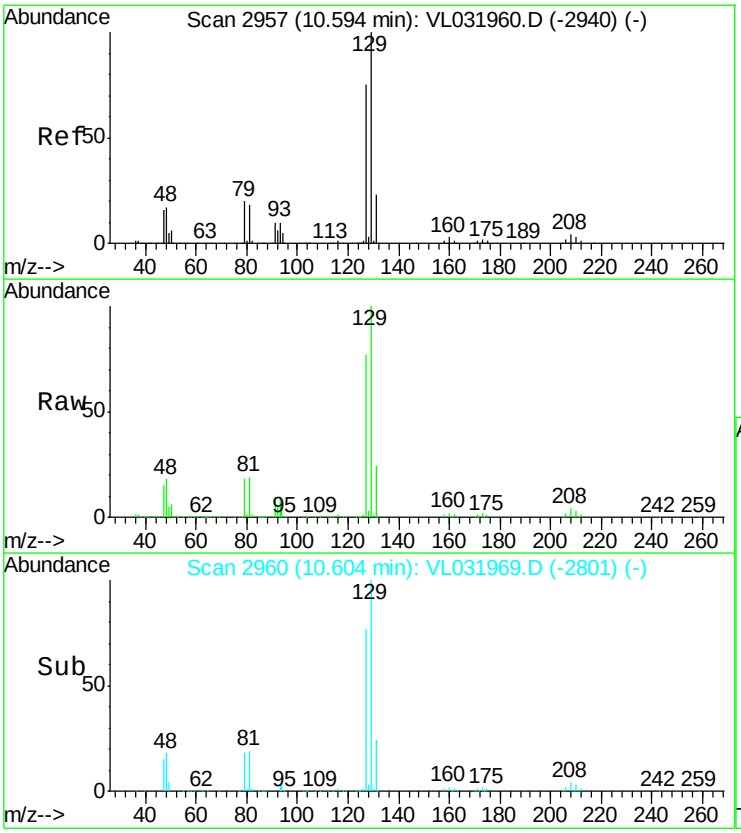
#47
1,1,2-Trichloroethane
Concen: 8.03 ppbv
RT: 9.76 min Scan# 2699
Delta R.T. 0.01 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Instrument : MSVOA_L
ClientSampleId : VL0503ABS01

Tgt Ion: 97 Resp: 927082

Ion	Ratio	Lower	Upper
97	100		
83	84.4	69.0	103.4
85	57.8	45.0	67.6
99	61.3	48.0	72.0

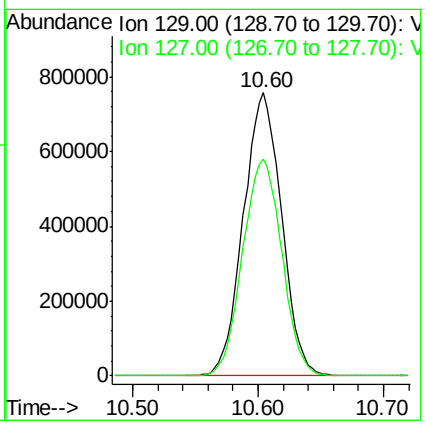


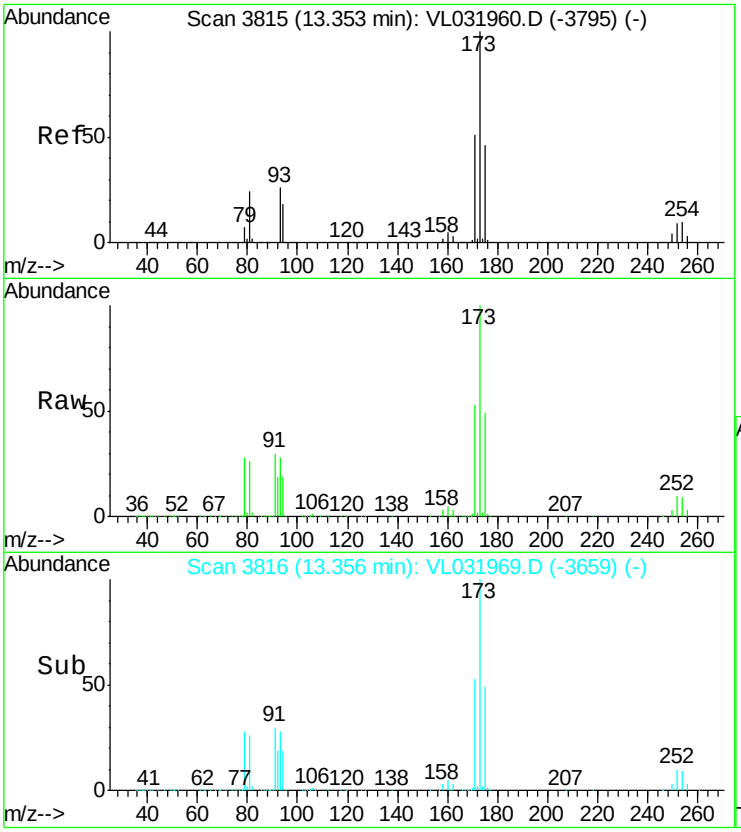


#48
Dibromochloromethane
Concen: 8.67 ppbv
RT: 10.60 min Scan# 2960
Delta R.T. 0.01 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Tgt Ion:129 Resp: 1604891

Ion	Ratio	Lower	Upper
129	100		
127	78.9	39.1	117.2



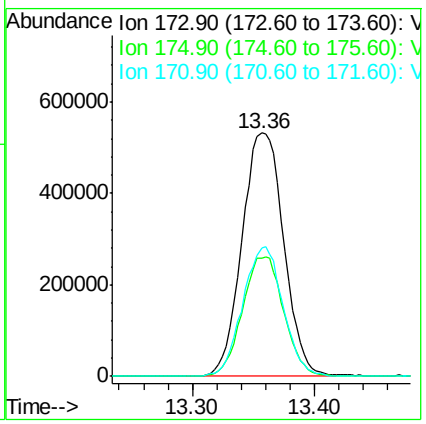


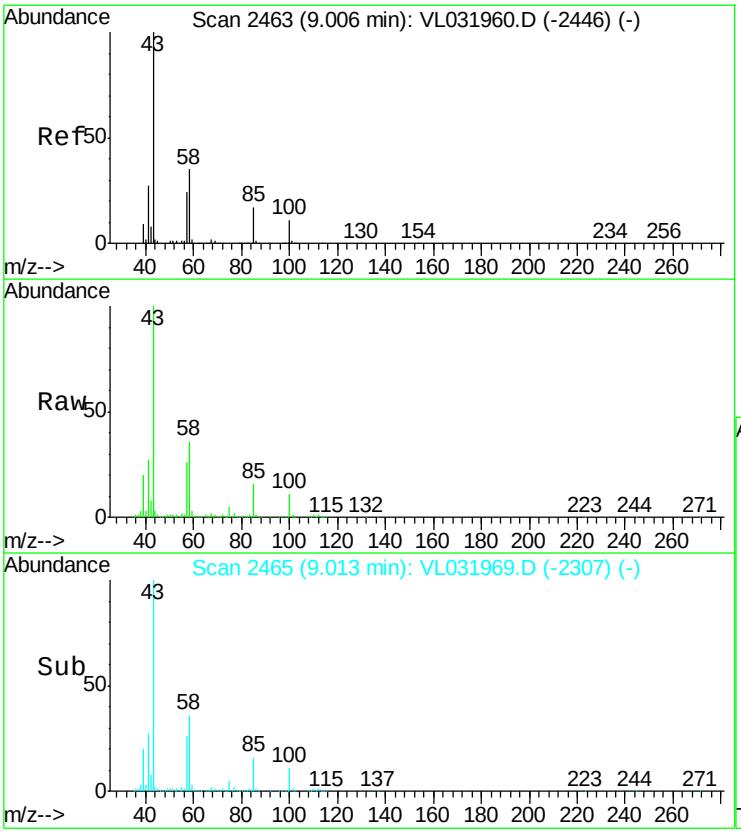
#49
Bromoform
Concen: 8.75 ppbv
RT: 13.36 min Scan# 3816
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Instrument :
MSVOA_L
ClientSampleId :
VL0503ABS01

Tgt Ion:173 Resp: 1257519

Ion	Ratio	Lower	Upper
173	100		
175	48.9	39.2	58.8
171	51.7	41.5	62.3

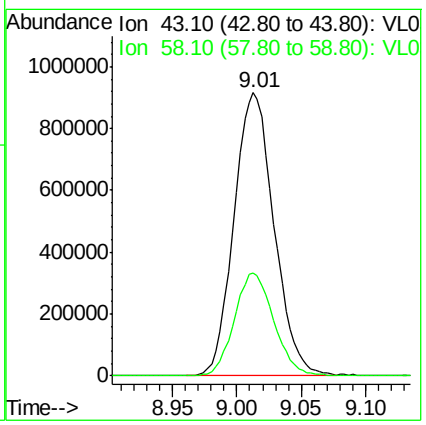


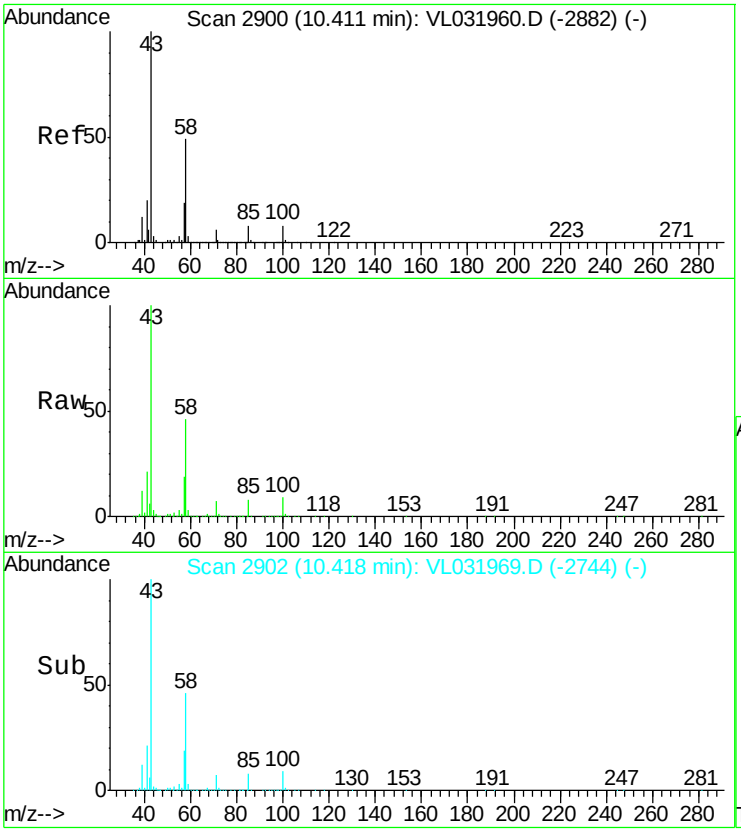


#50
4-Methyl-2-Pentanone
Concen: 8.51 ppbv
RT: 9.01 min Scan# 2465
Delta R.T. 0.01 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Tgt Ion: 43 Resp: 1975224

Ion	Ratio	Lower	Upper
43	100		
58	36.0	28.6	42.8



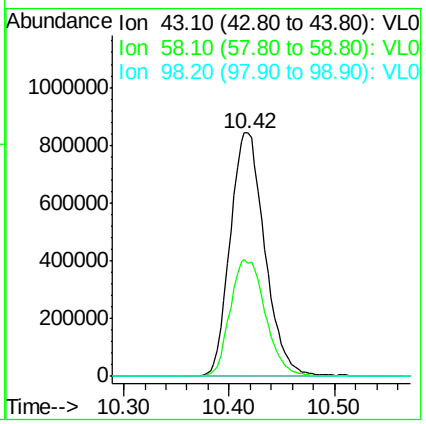


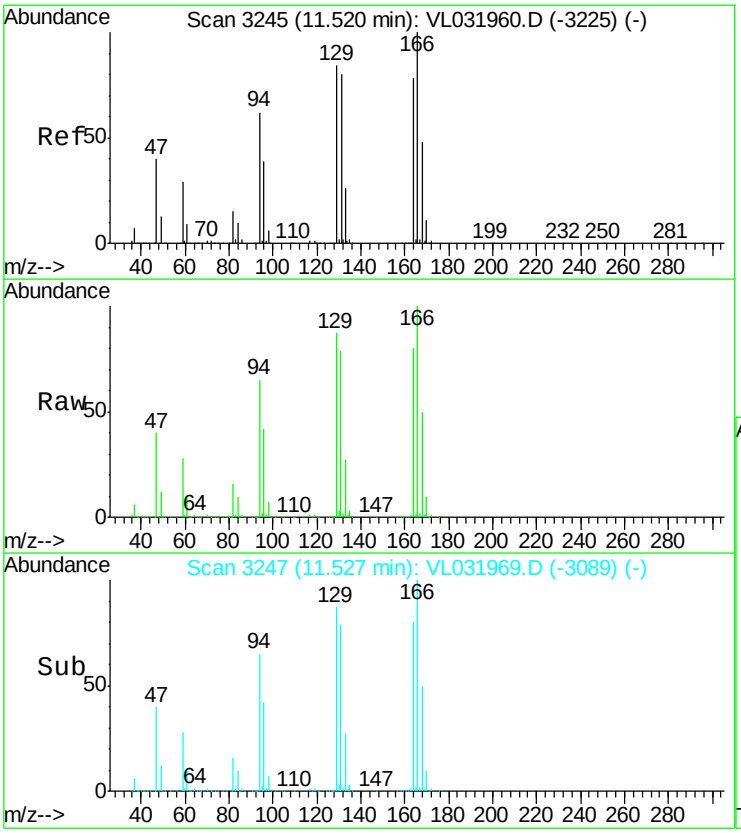
#51
2-Hexanone
Concen: 9.07 ppbv
RT: 10.42 min Scan# 2902
Delta R.T. 0.01 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Instrument : MSVOA_L
ClientSampleId : VL0503ABS01

Tgt Ion: 43 Resp: 1915461

Ion	Ratio	Lower	Upper
43	100		
58	48.8	38.6	58.0
98	0.4	0.2	0.2#

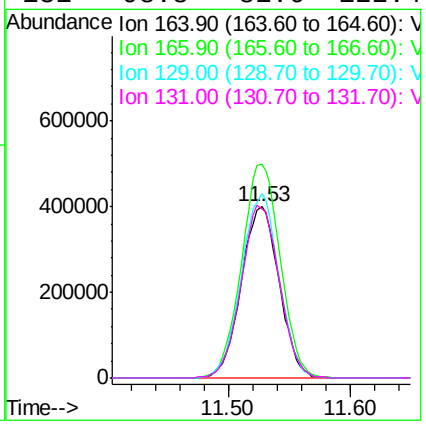


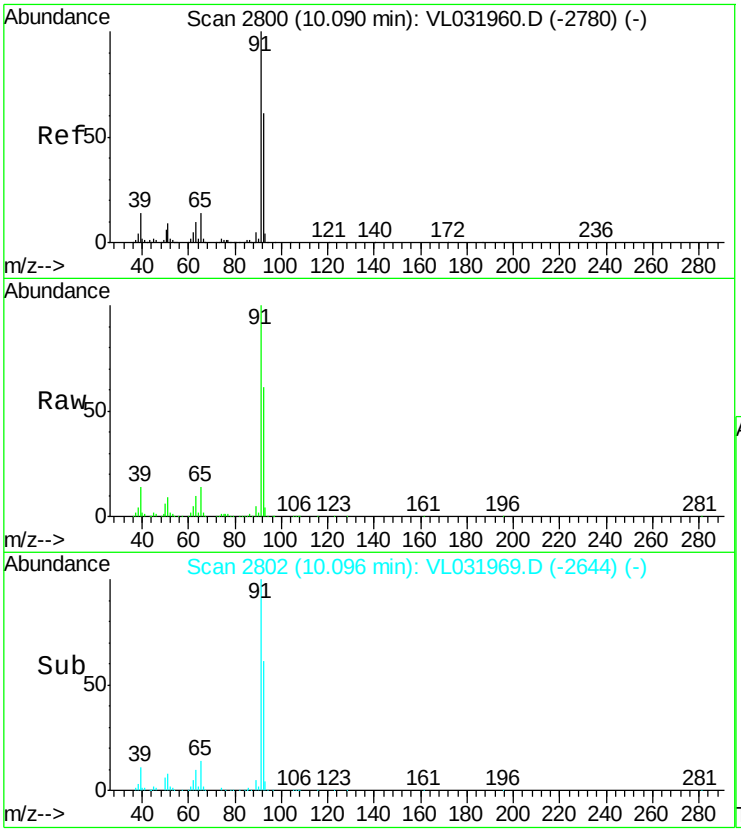


#52
Tetrachloroethene
Concen: 8.26 ppbv
RT: 11.53 min Scan# 3247
Delta R.T. 0.01 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Tgt Ion:164 Resp: 857797

Ion	Ratio	Lower	Upper
164	100		
166	124.7	101.9	152.9
129	107.8	85.8	128.6
131	98.8	81.6	122.4



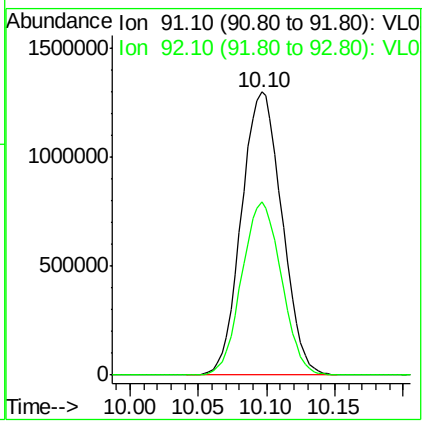


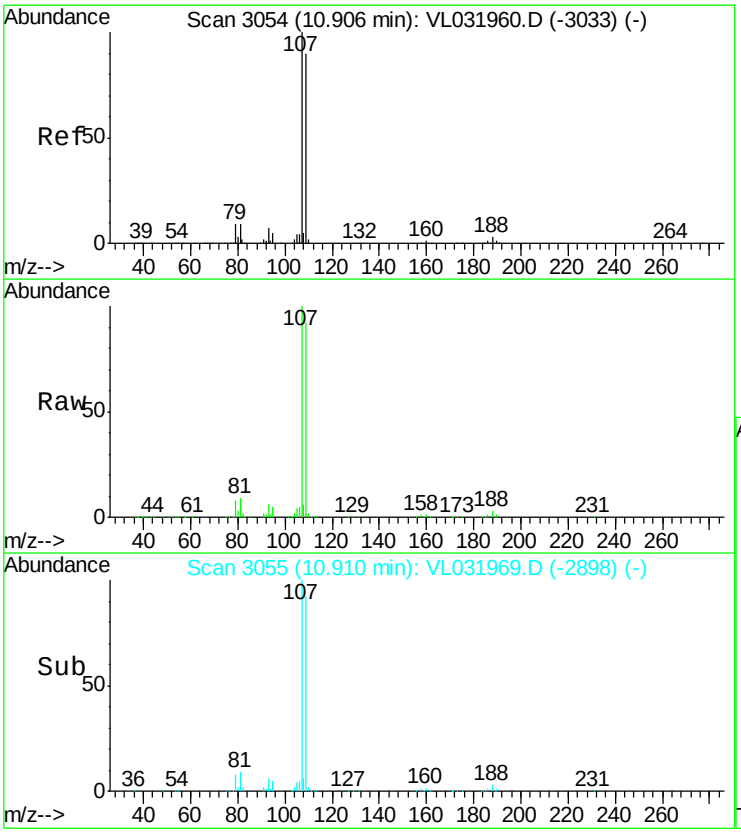
#53
Toluene
Concen: 8.86 ppbv
RT: 10.10 min Scan# 2802
Delta R.T. 0.01 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Instrument :
MSVOA_L
ClientSampleId :
VL0503ABS01

Tgt Ion: 91 Resp: 2676107

Ion	Ratio	Lower	Upper
91	100		
92	60.0	47.4	71.2

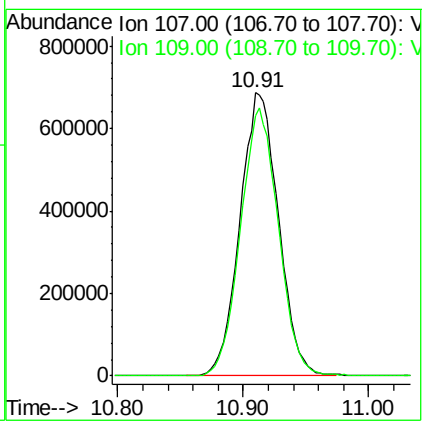


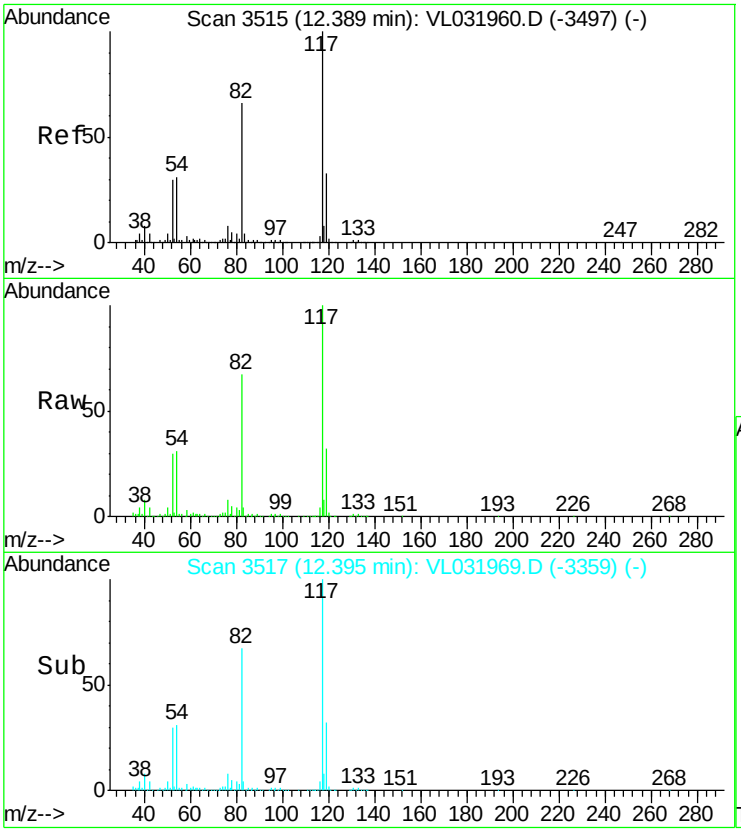


#54
1,2-Dibromoethane
Concen: 8.51 ppbv
RT: 10.91 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Tgt Ion:107 Resp: 1463785

Ion	Ratio	Lower	Upper
107	100		
109	92.0	72.1	108.1



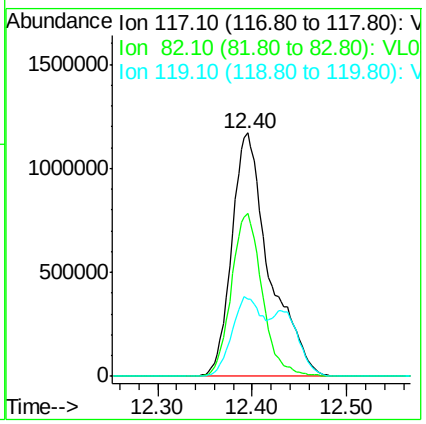


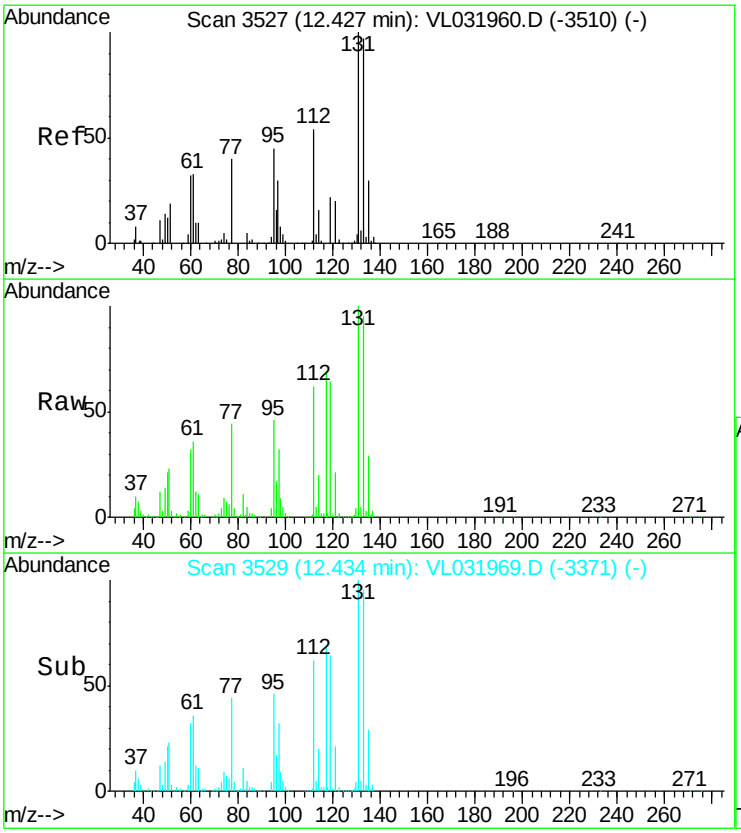
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.40 min Scan# 3517
Delta R.T. 0.01 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Instrument :
MSVOA_L
ClientSampleId :
VL0503ABS01

Tgt Ion:117 Resp: 3228431

Ion	Ratio	Lower	Upper
117	100		
82	55.1	51.6	77.4
119	46.5	44.2	66.4

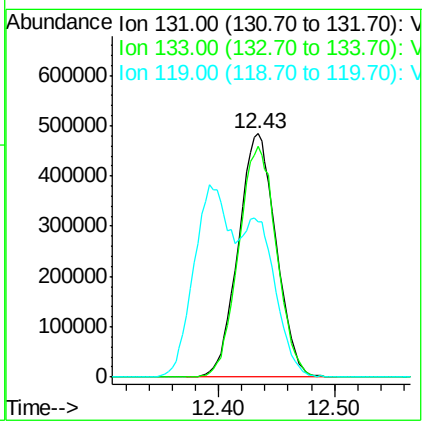


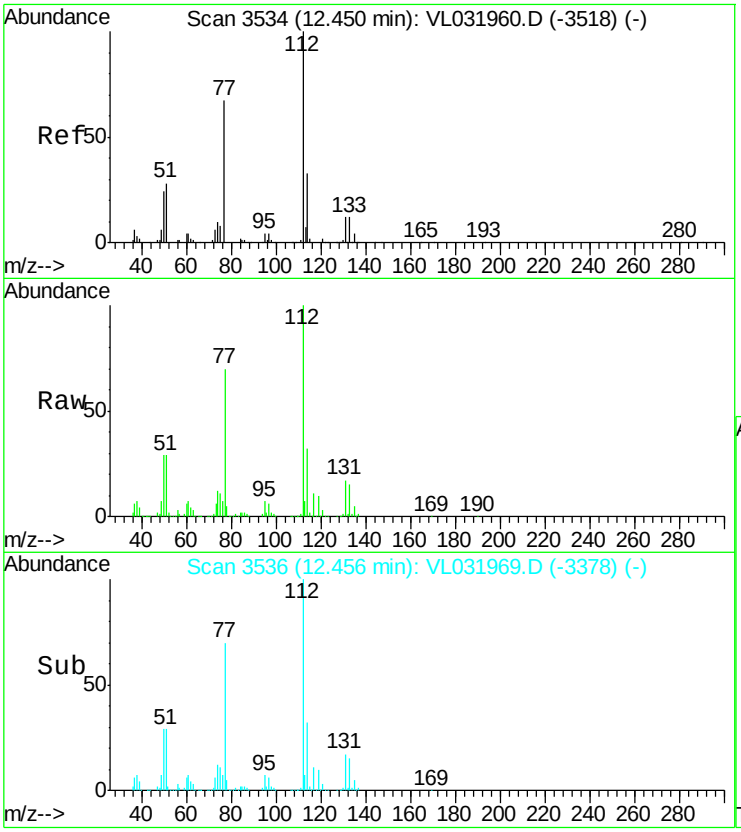


#56
1,1,1,2-Tetrachloroethane
Concen: 7.46 ppbv
RT: 12.43 min Scan# 3529
Delta R.T. 0.01 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Tgt Ion:131 Resp: 1096901

Ion	Ratio	Lower	Upper
131	100		
133	95.5	76.2	114.4
119	137.1	44.7	67.1#



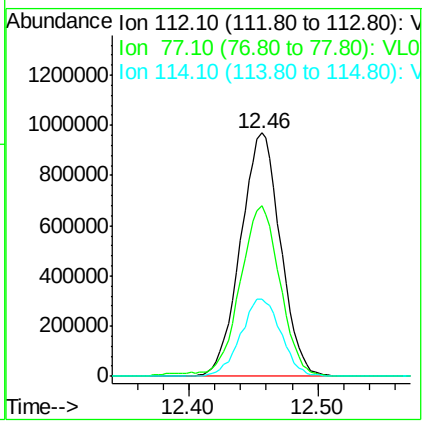


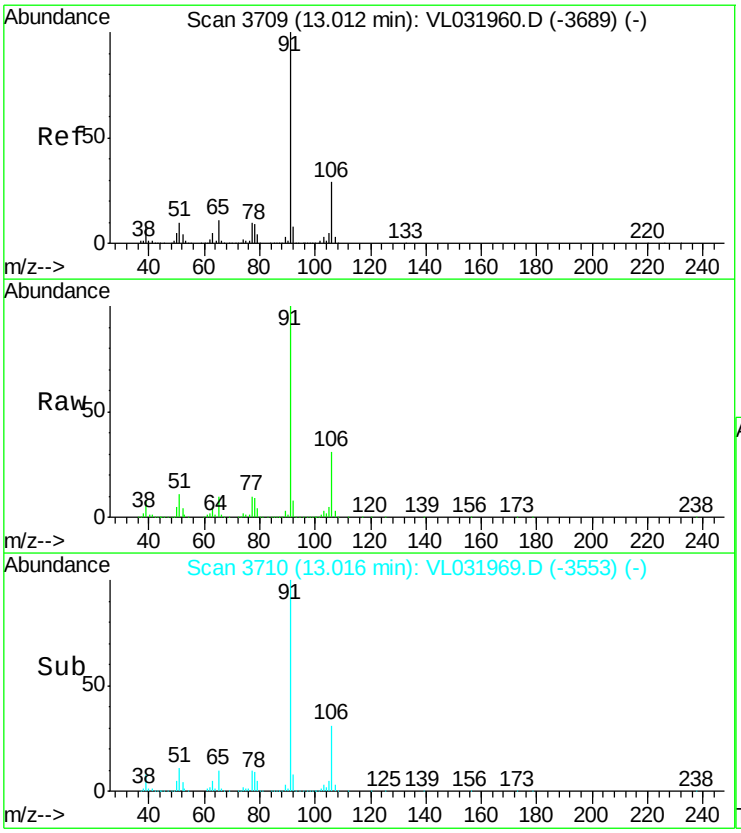
#57
Chlorobenzene
Concen: 7.48 ppbv
RT: 12.46 min Scan# 3536
Delta R.T. 0.01 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Instrument : MSVOA_L
ClientSampleId : VL0503ABS01

Tgt Ion:112 Resp: 2082647

Ion	Ratio	Lower	Upper
112	100		
77	70.1	54.6	82.0
114	31.8	29.2	35.6

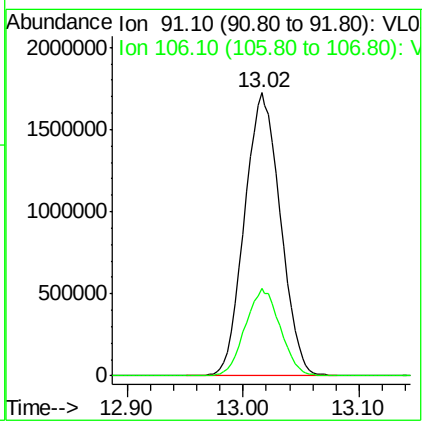


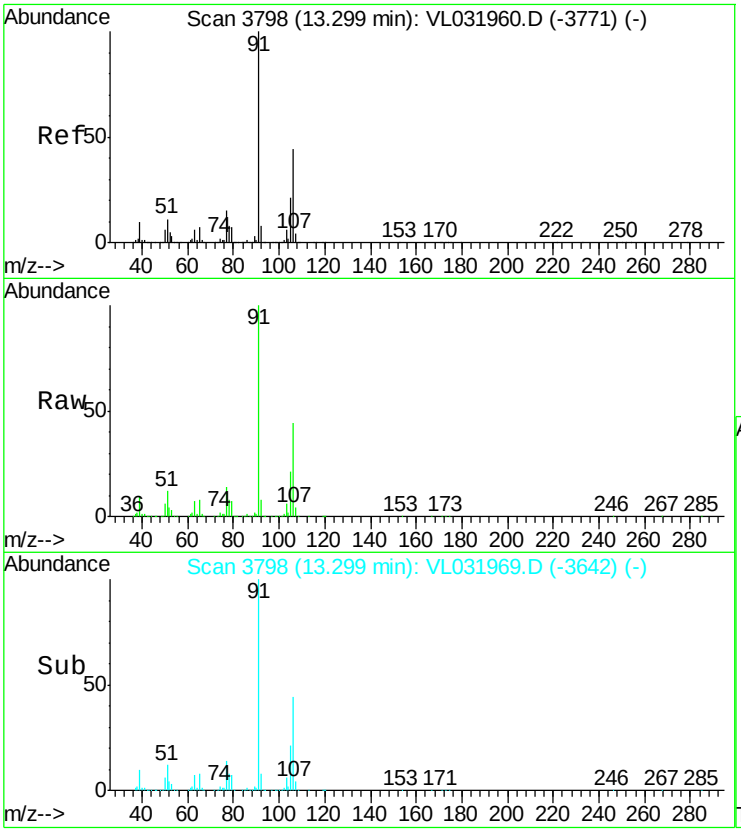


#58
Ethyl Benzene
Concen: 8.03 ppbv
RT: 13.02 min Scan# 3710
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Tgt Ion: 91 Resp: 3714386

Ion	Ratio	Lower	Upper
91	100		
106	30.8	23.4	35.2



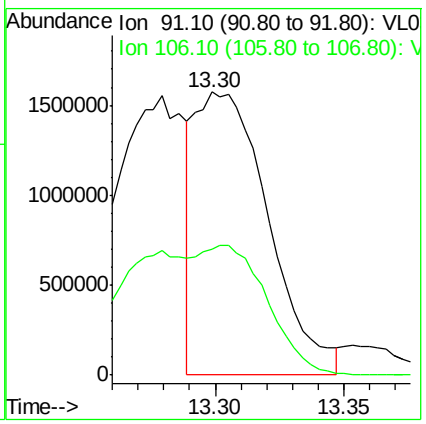


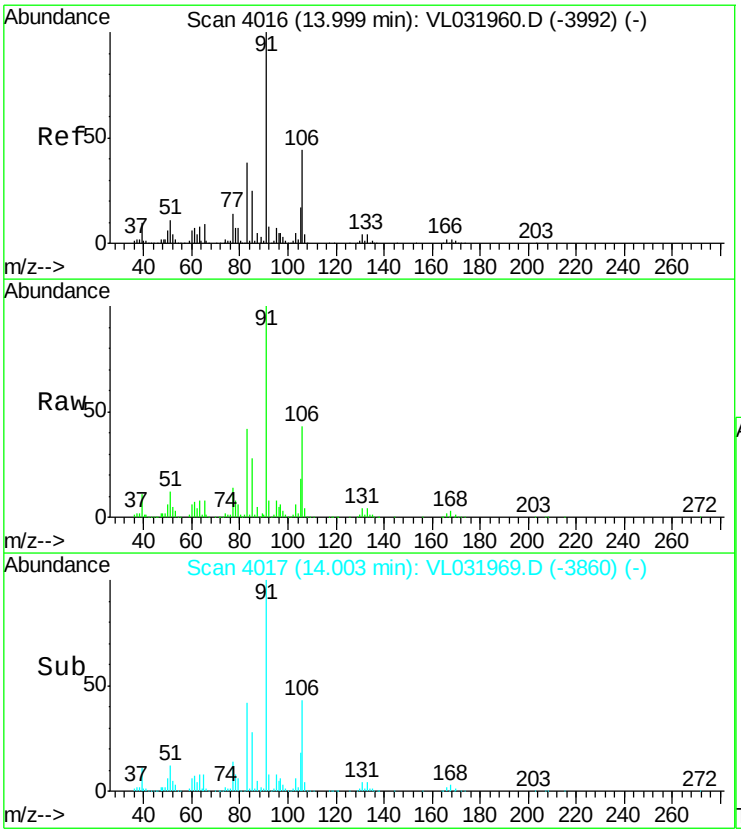
#59
m/p-Xylene
Concen: 7.87 ppbv
RT: 13.30 min Scan# 3798
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Instrument :
MSVOA_L
ClientSampleId :
VL0503ABS01

Tgt Ion: 91 Resp: 3086162

Ion	Ratio	Lower	Upper
91	100		
106	89.9	35.9	53.9#

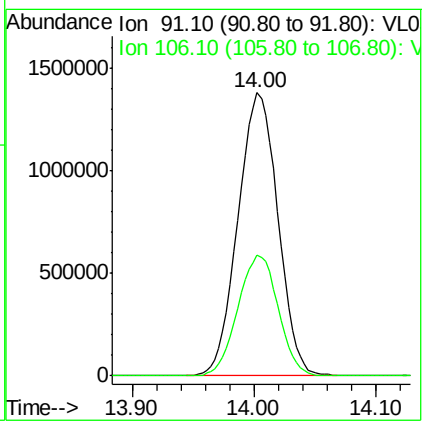


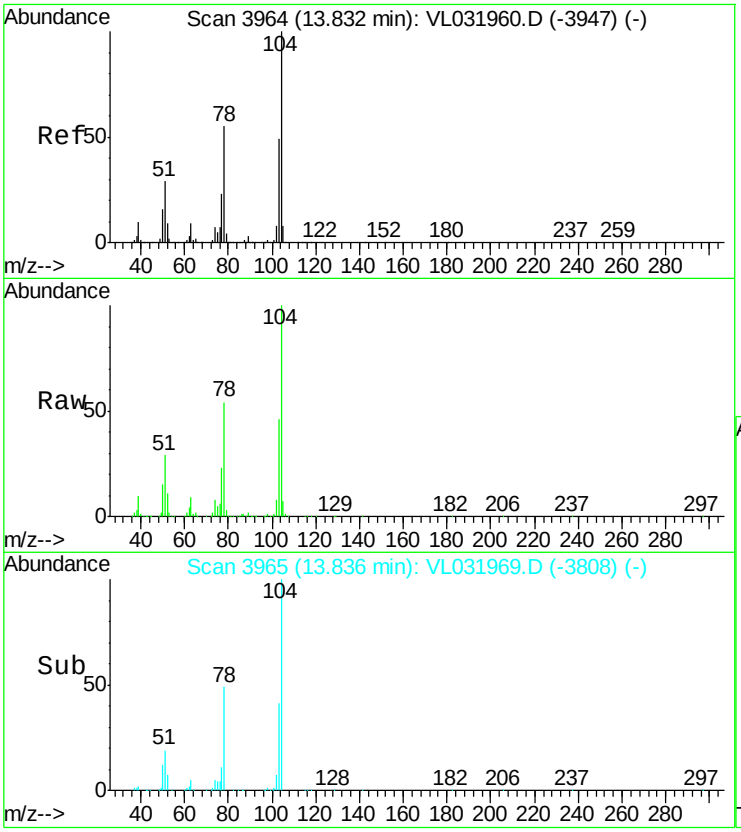


#60
o-Xylene
Concen: 7.90 ppbv
RT: 14.00 min Scan# 4017
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Tgt Ion: 91 Resp: 3109387

Ion	Ratio	Lower	Upper
91	100		
106	43.3	21.5	64.5



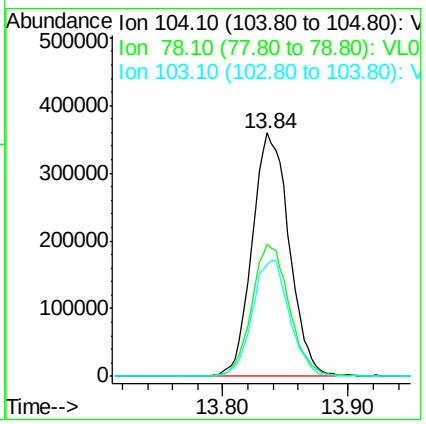


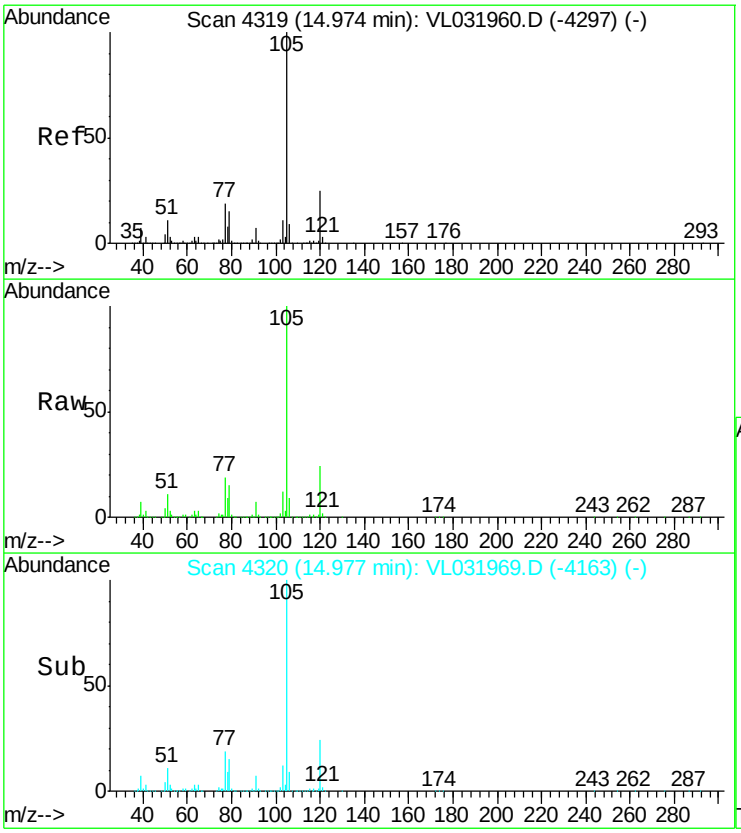
#61
Styrene
Concen: 9.25 ppbv
RT: 13.84 min Scan# 3965
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Instrument :
MSVOA_L
ClientSampleId :
VL0503ABS01

Tgt Ion:104 Resp: 738269

Ion	Ratio	Lower	Upper
104	100		
78	55.2	43.8	65.8
103	48.1	38.4	57.6

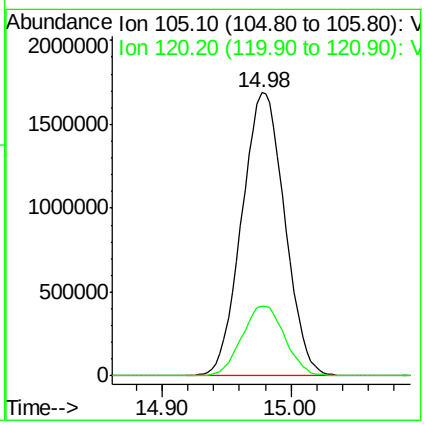


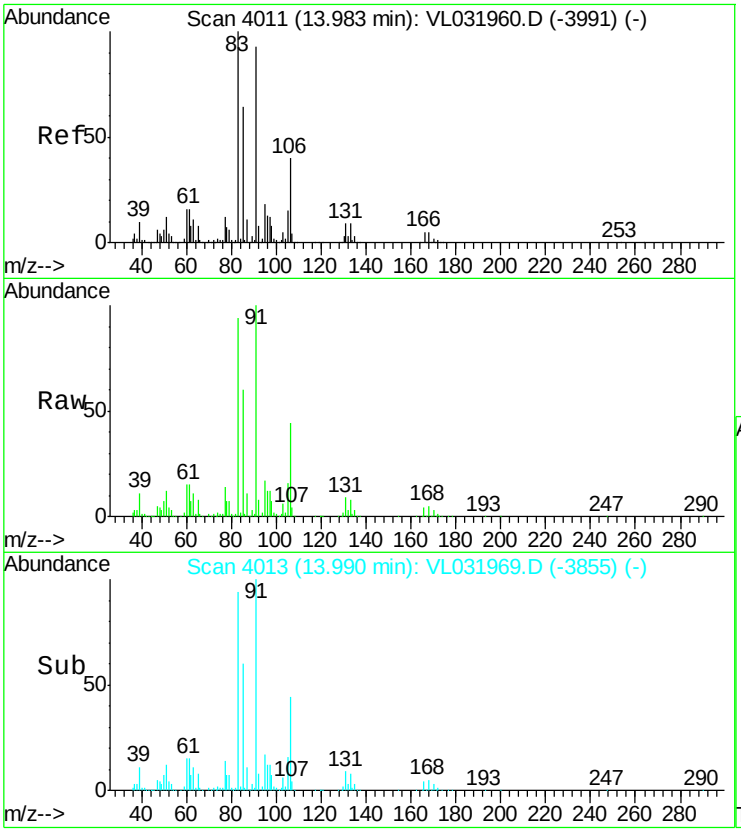


#62
Isopropylbenzene
Concen: 7.78 ppbv
RT: 14.98 min Scan# 4320
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Tgt Ion:105 Resp: 3911106

Ion	Ratio	Lower	Upper
105	100		
120	24.7	19.9	29.9



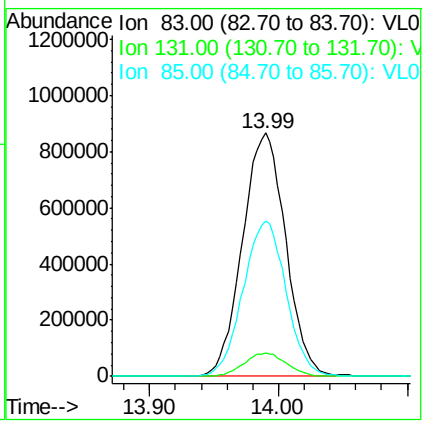


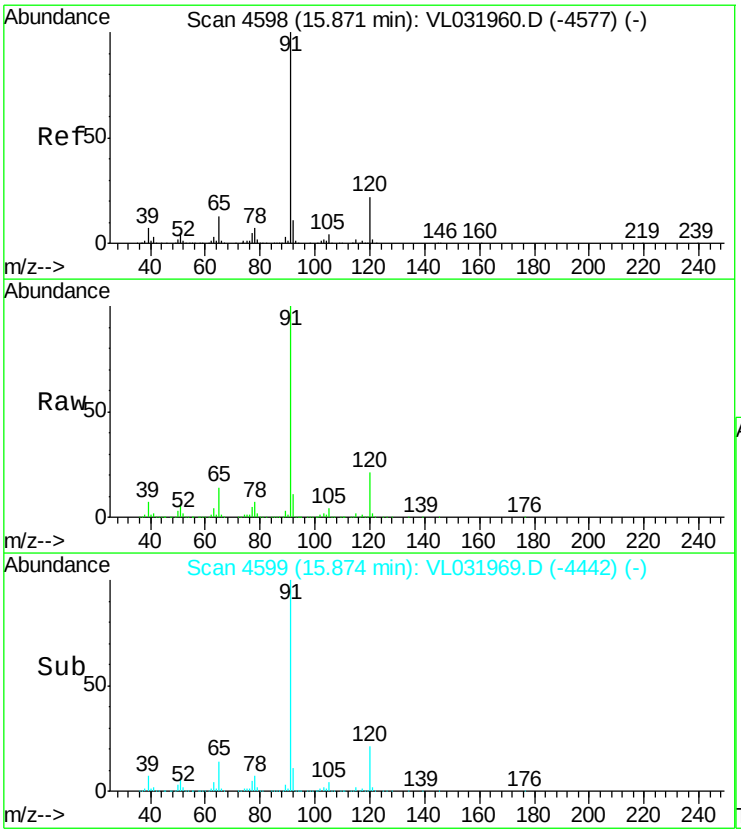
#63
1,1,2,2-Tetrachloroethane
Concen: 7.22 ppbv
RT: 13.99 min Scan# 4013
Delta R.T. 0.01 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Instrument : MSVOA_L
ClientSampleId : VL0503ABS01

Tgt Ion: 83 Resp: 2017999

Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.9	14.7
85	63.9	32.7	98.1

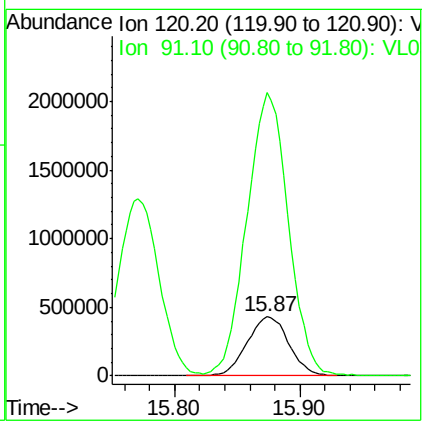


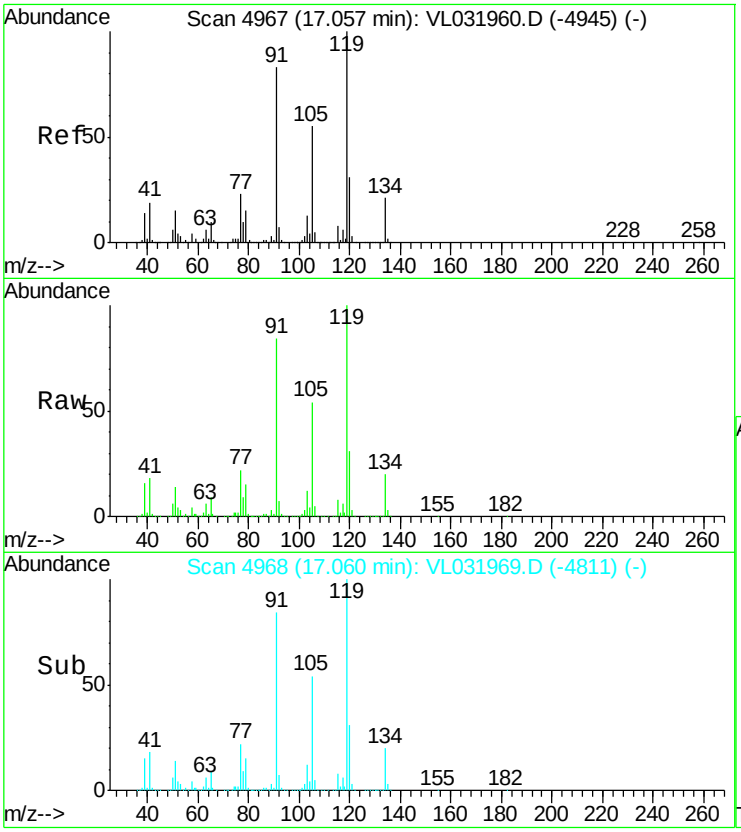


#64
n-propylbenzene
Concen: 7.90 ppbv
RT: 15.87 min Scan# 4599
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Tgt Ion:120 Resp: 996791

Ion	Ratio	Lower	Upper
120	100		
91	477.9	388.6	583.0



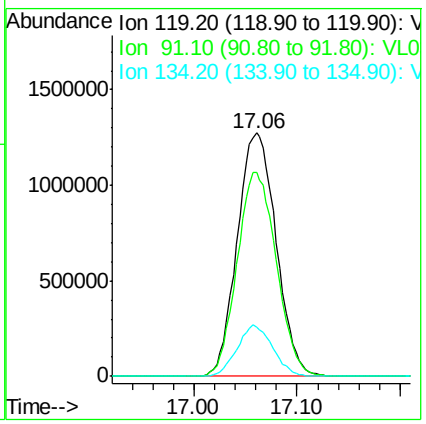


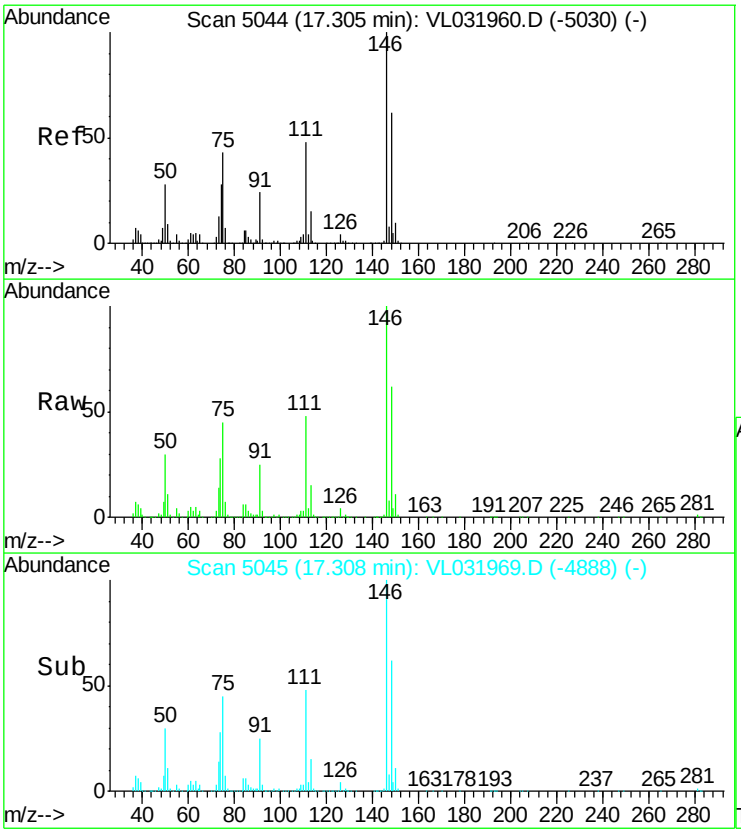
#65
tert-Butylbenzene
Concen: 7.43 ppbv
RT: 17.06 min Scan# 4968
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Instrument : MSVOA_L
ClientSampleId : VL0503ABS01

Tgt Ion:119 Resp: 3336009

Ion	Ratio	Lower	Upper
119	100		
91	84.7	68.1	102.1
134	19.3	15.4	23.0

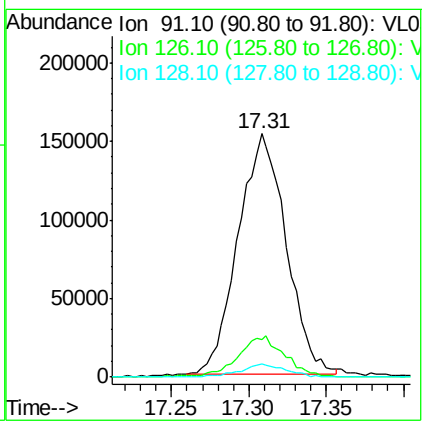


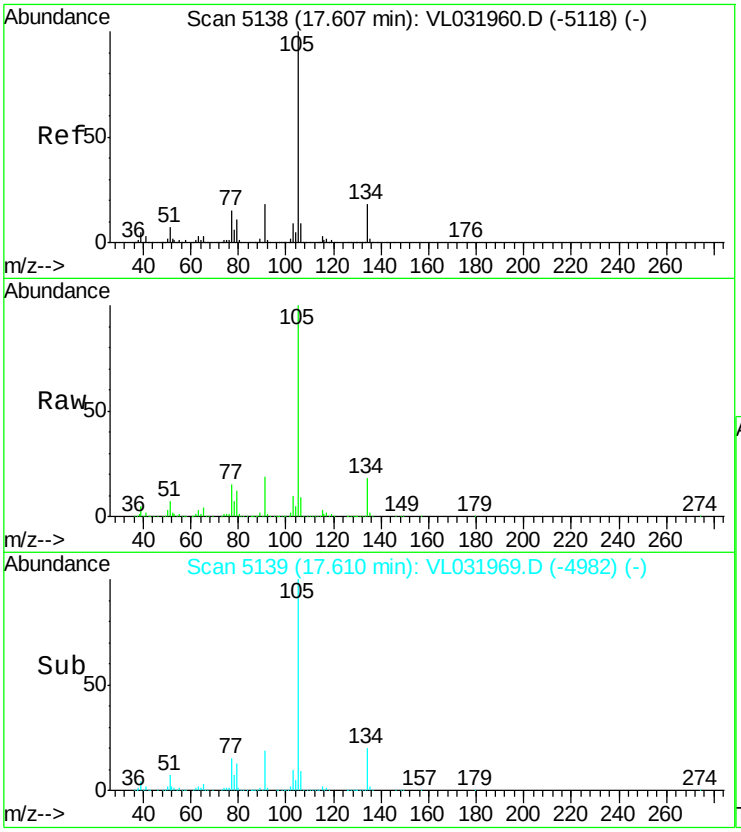


#66
Benzyl Chloride
Concen: 8.08 ppbv
RT: 17.31 min Scan# 5045
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Tgt Ion: 91 Resp: 329269

Ion	Ratio	Lower	Upper
91	100		
126	17.0	13.4	20.0
128	5.3	4.6	6.8



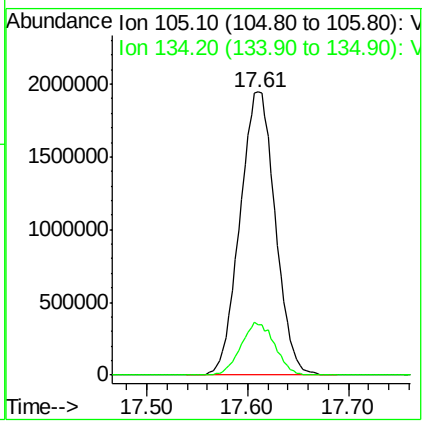


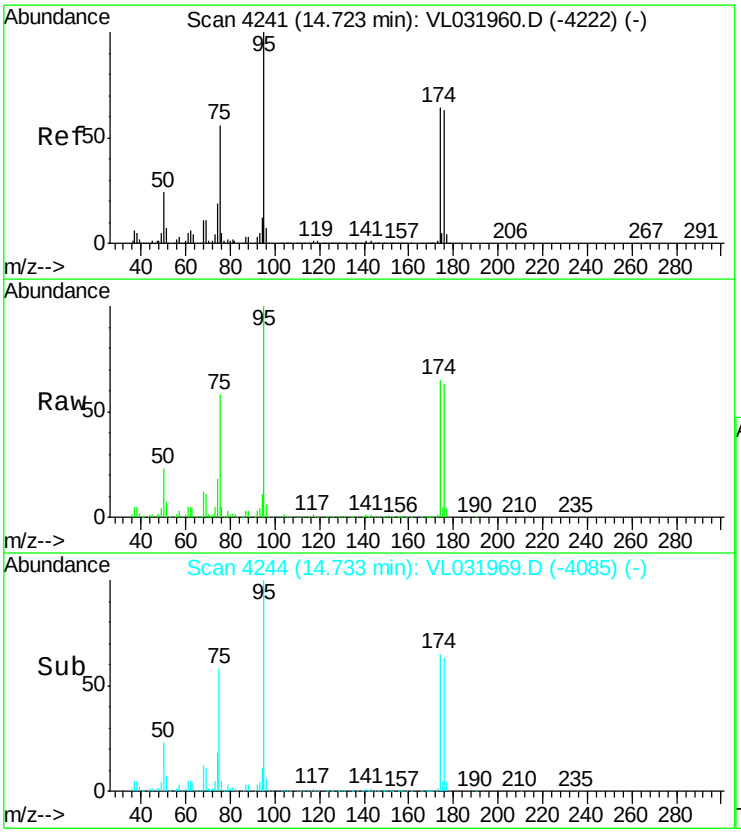
#67
sec-Butylbenzene
Concen: 7.57 ppbv
RT: 17.61 min Scan# 5139
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Instrument : MSVOA_L
ClientSampleId : VL0503ABS01

Tgt Ion:105 Resp: 4714286

Ion	Ratio	Lower	Upper
105	100		
134	17.9	14.2	21.4

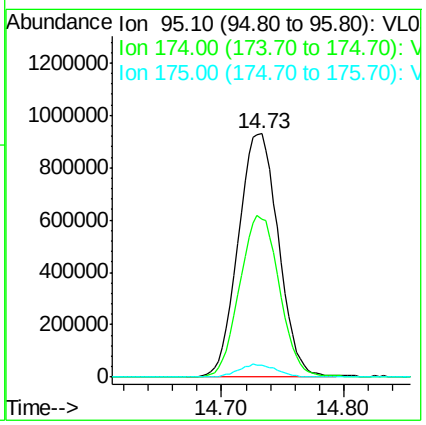


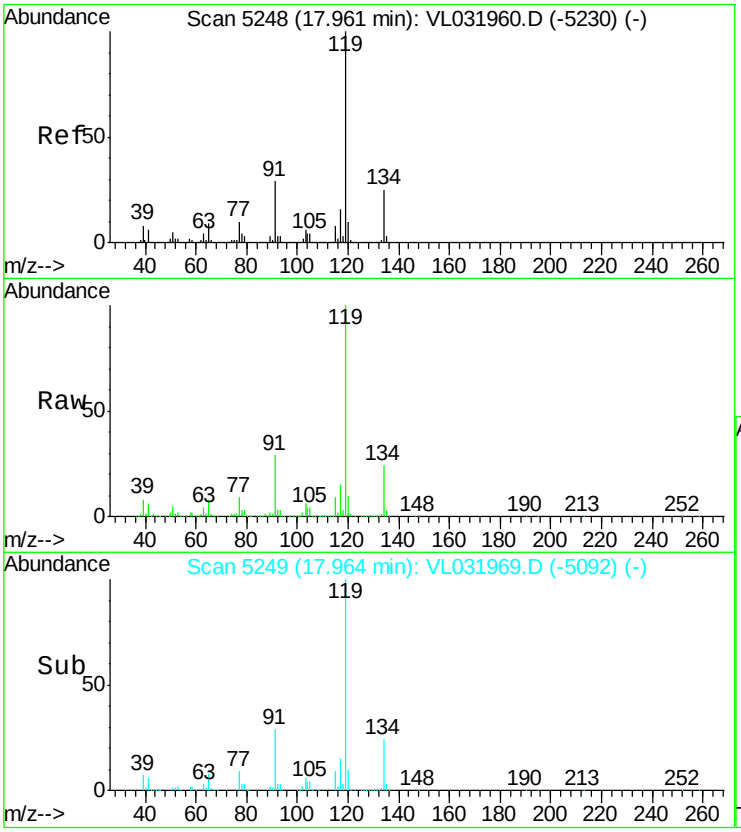


#68
1-Bromo-4-Fluorobenzene
Concen: 8.44 ppbv
RT: 14.73 min Scan# 4244
Delta R.T. 0.01 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Tgt Ion: 95 Resp: 2113581

Ion	Ratio	Lower	Upper
95	100		
174	66.2	53.0	79.6
175	5.0	3.9	5.9



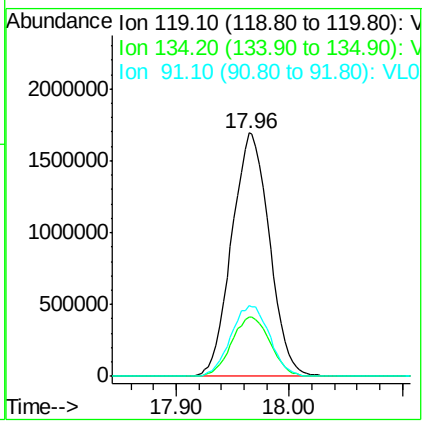


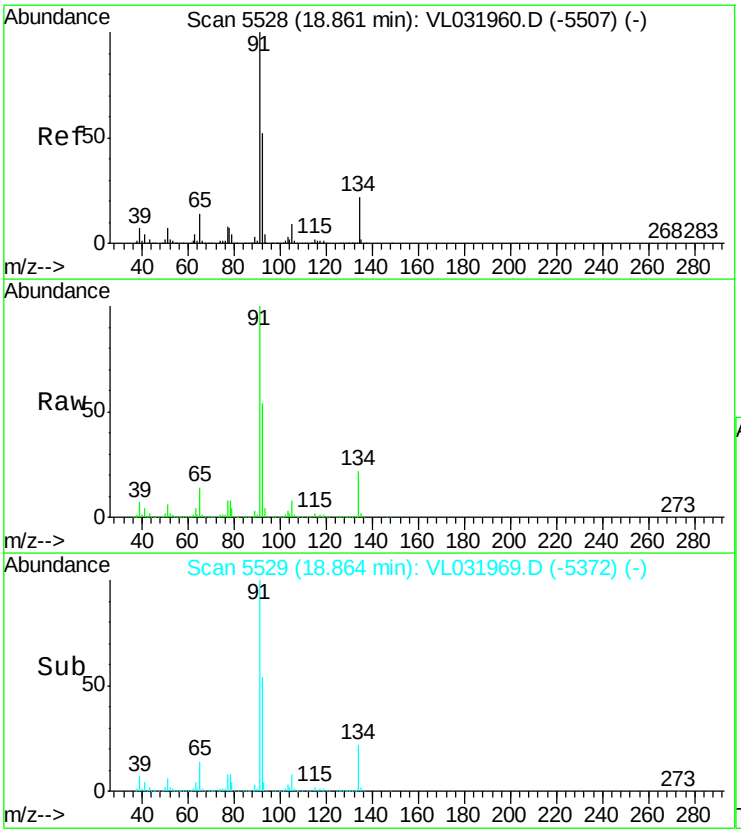
#69
p-Isopropyltoluene
Concen: 7.82 ppbv
RT: 17.96 min Scan# 5249
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Instrument : MSVOA_L
ClientSampleId : VL0503ABS01

Tgt Ion:119 Resp: 3916150

Ion	Ratio	Lower	Upper
119	100		
134	25.0	19.8	29.8
91	30.1	23.8	35.6

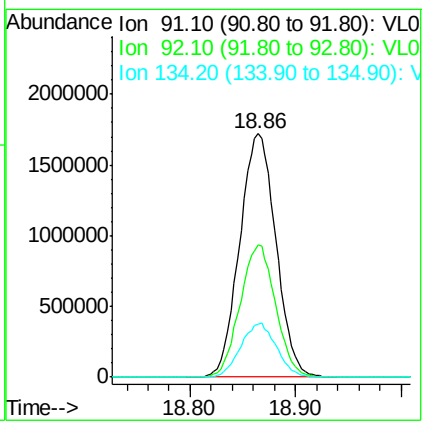


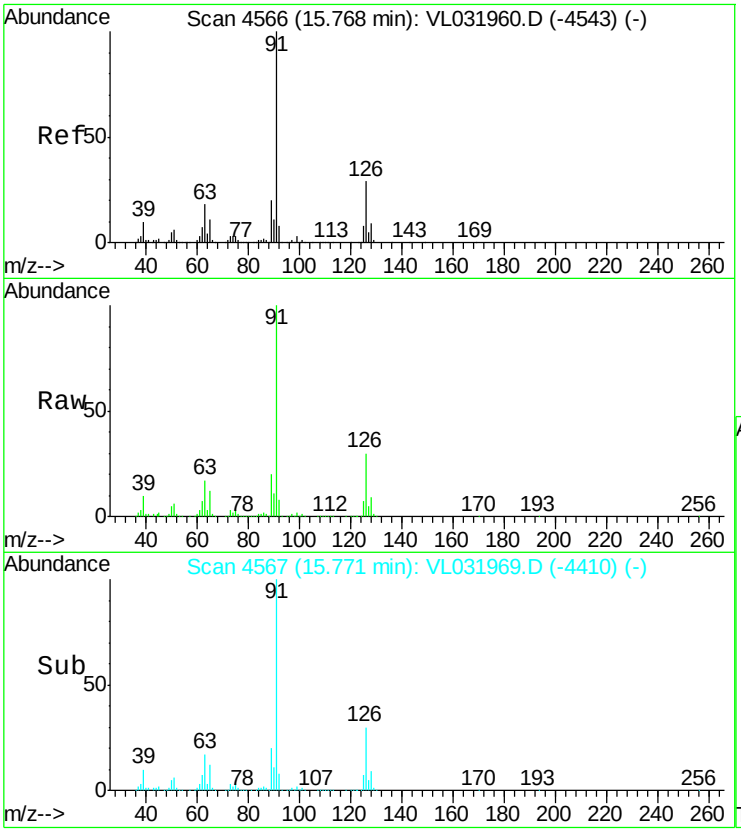


#70
n-Butylbenzene
Concen: 7.94 ppbv
RT: 18.86 min Scan# 5529
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Tgt Ion: 91 Resp: 4114305

Ion	Ratio	Lower	Upper
91	100		
92	53.1	41.8	62.8
134	21.7	17.6	26.4



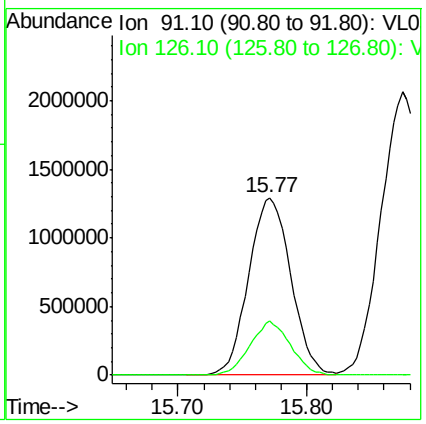


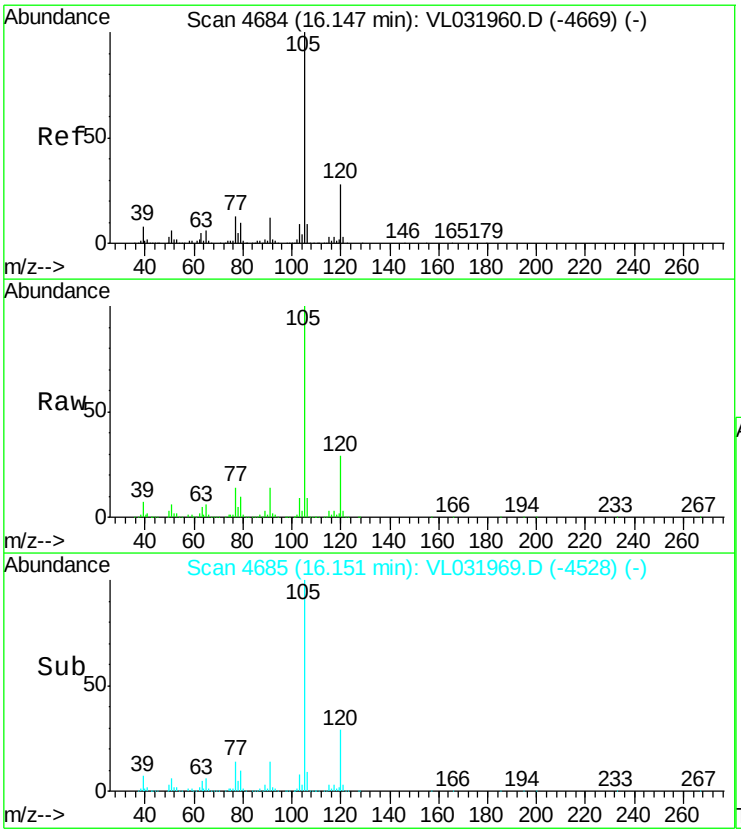
#71
2-Chlorotoluene
Concen: 8.02 ppbv
RT: 15.77 min Scan# 4567
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Instrument : MSVOA_L
ClientSampleId : VL0503ABS01

Tgt Ion: 91 Resp: 2953594

Ion	Ratio	Lower	Upper
91	100		
126	29.1	11.8	47.2

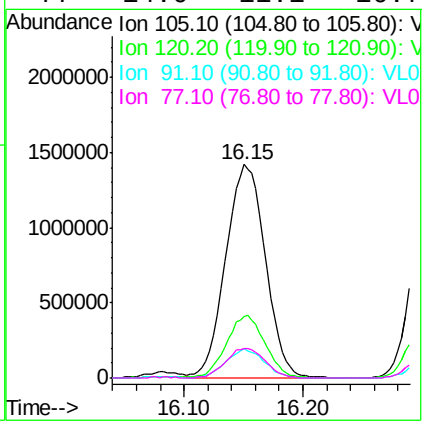


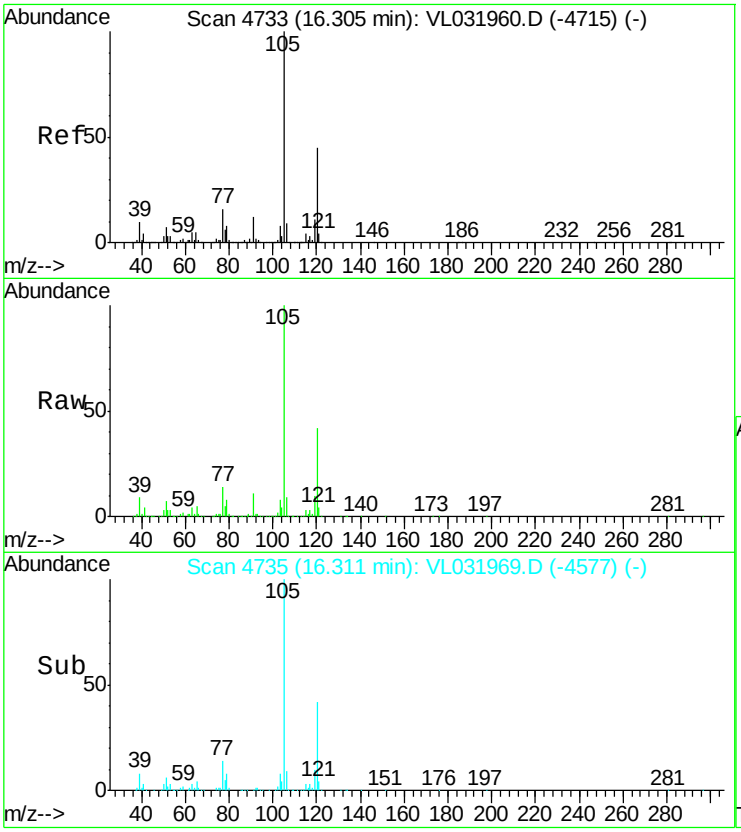


#72
4-Ethyltoluene
Concen: 8.18 ppbv
RT: 16.15 min Scan# 4685
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Tgt Ion:105 Resp: 3269253

Ion	Ratio	Lower	Upper
105	100		
120	28.8	22.6	33.8
91	13.2	10.5	15.7
77	14.0	11.1	16.7



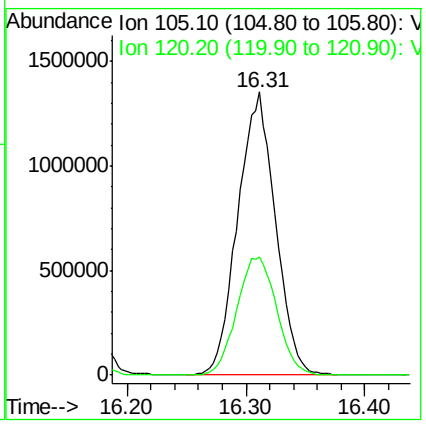


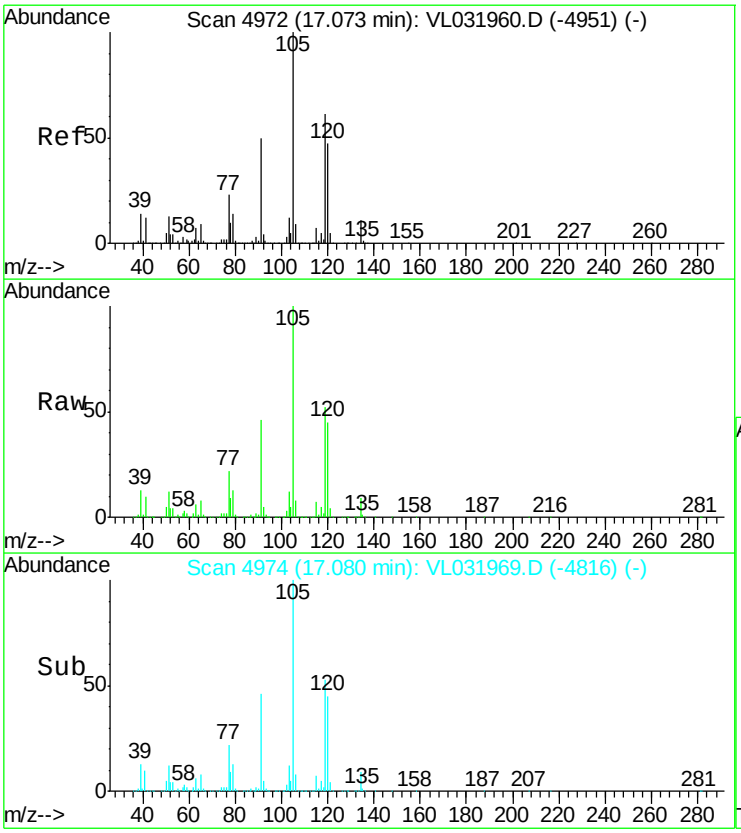
#73
1,3,5-Trimethylbenzene
Concen: 7.99 ppbv
RT: 16.31 min Scan# 4735
Delta R.T. 0.01 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Instrument :
MSVOA_L
ClientSampleId :
VL0503ABS01

Tgt Ion:105 Resp: 2950025

Ion	Ratio	Lower	Upper
105	100		
120	41.9	36.0	54.0

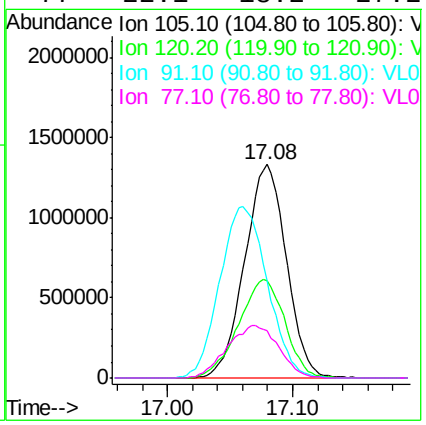


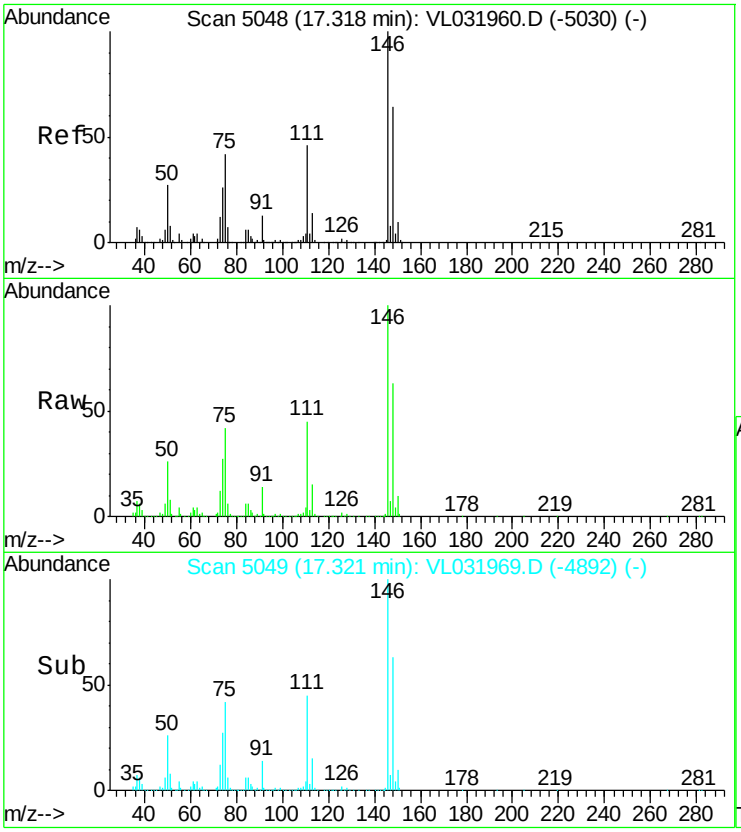


#74
1,2,4-Trimethylbenzene
Concen: 7.54 ppbv
RT: 17.08 min Scan# 4974
Delta R.T. 0.01 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Tgt Ion:105 Resp: 3080126

Ion	Ratio	Lower	Upper
105	100		
120	45.1	37.8	56.6
91	45.7	40.5	60.7
77	22.1	18.2	27.2



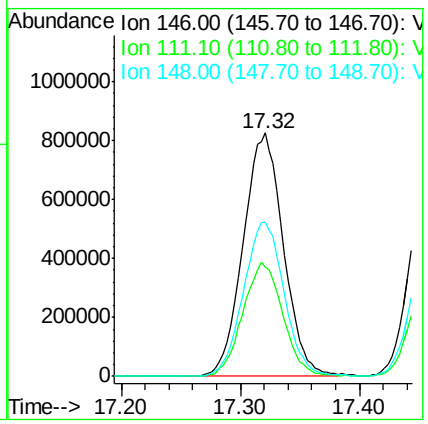


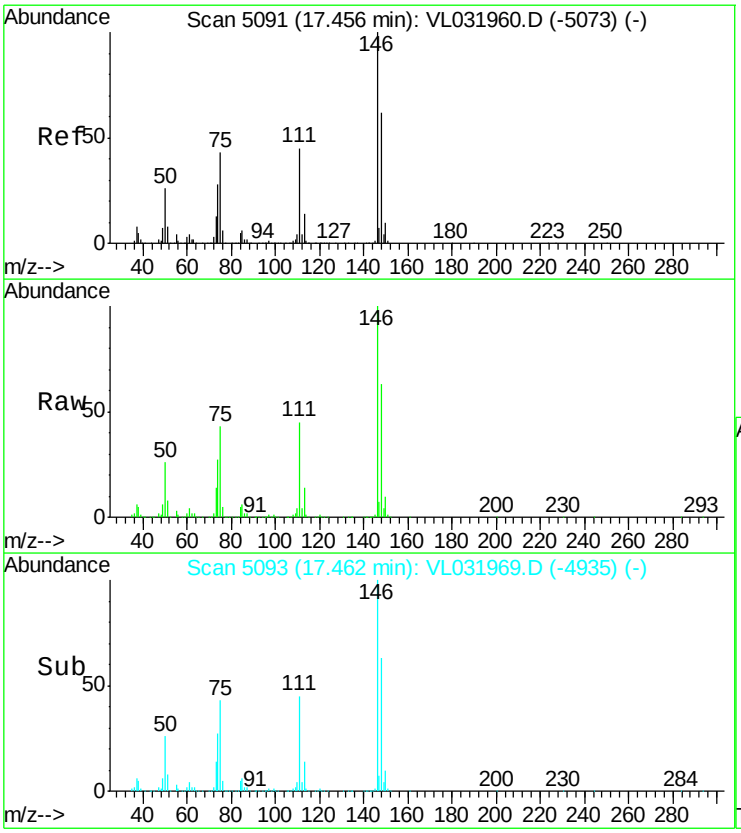
#75
1,3-Dichlorobenzene
Concen: 7.65 ppbv
RT: 17.32 min Scan# 5049
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Instrument :
MSVOA_L
ClientSampleId :
VL0503ABS01

Tgt Ion:146 Resp: 1930296

Ion	Ratio	Lower	Upper
146	100		
111	46.7	23.5	70.5
148	64.1	32.3	96.8

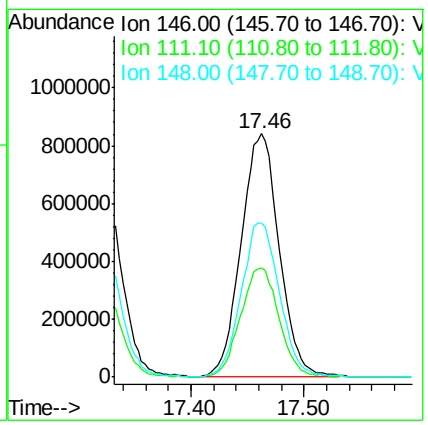


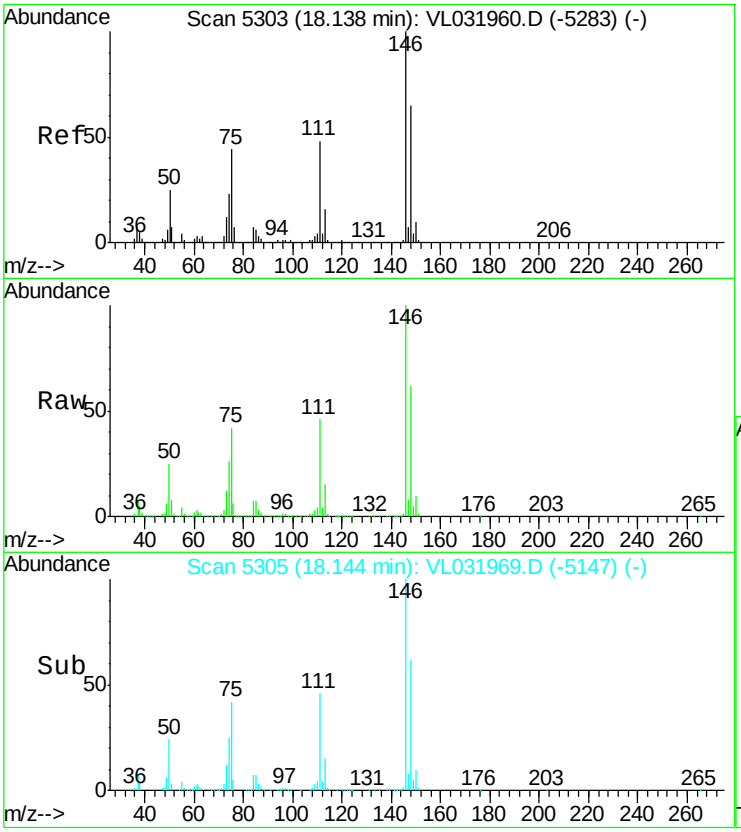


#76
1,4-Dichlorobenzene
Concen: 7.82 ppbv
RT: 17.46 min Scan# 5093
Delta R.T. 0.01 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Tgt Ion:146 Resp: 1952575

Ion	Ratio	Lower	Upper
146	100		
111	45.7	23.0	69.0
148	64.4	32.4	97.2



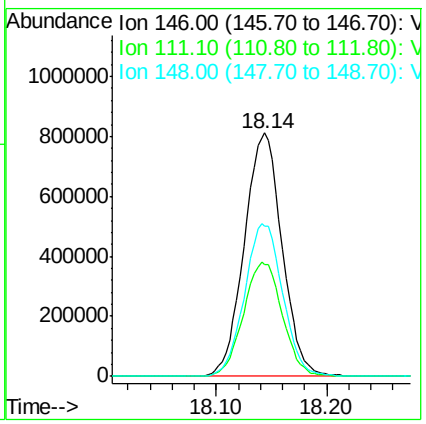


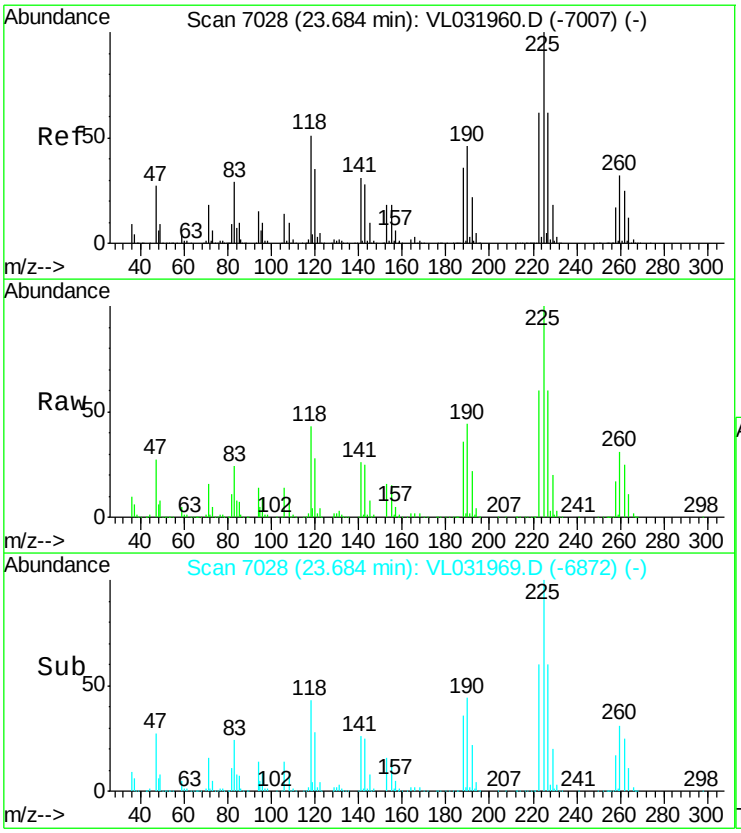
#77
1,2-Dichlorobenzene
Concen: 7.59 ppbv
RT: 18.14 min Scan# 5305
Delta R.T. 0.01 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Instrument :
MSVOA_L
ClientSampleId :
VL0503ABS01

Tgt Ion:146 Resp: 1926510

Ion	Ratio	Lower	Upper
146	100		
111	48.3	24.2	72.6
148	63.3	32.0	96.2

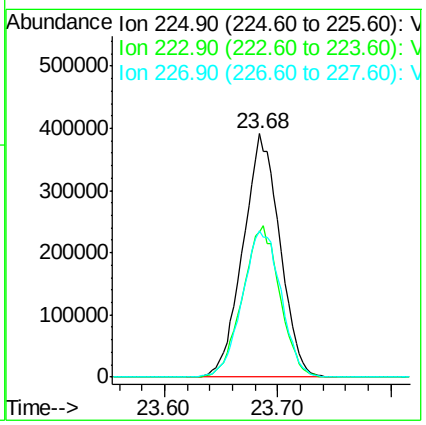


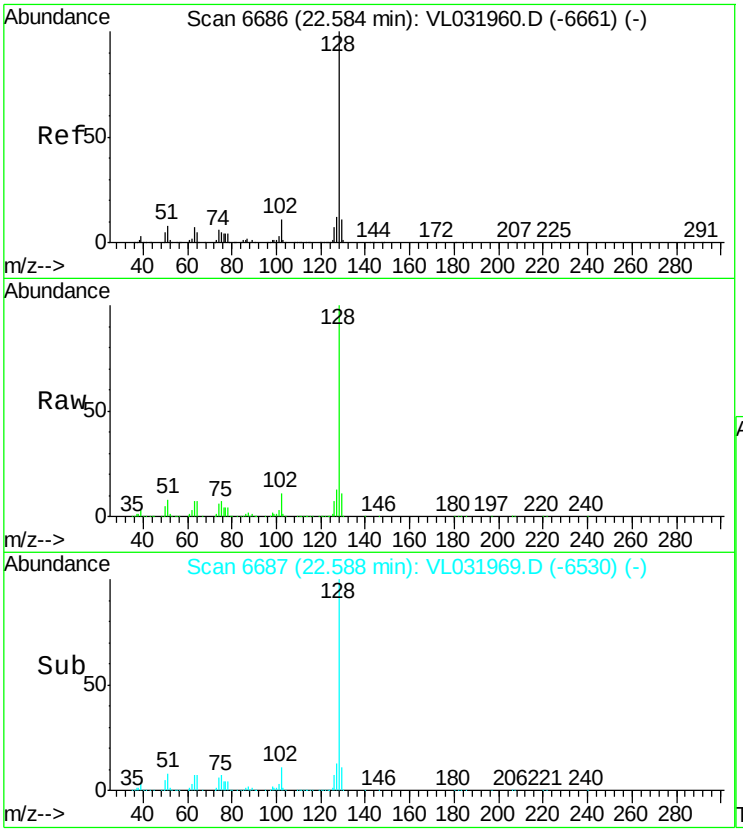


#78
Hexachloro-1,3-Butadiene
Concen: 7.65 ppbv
RT: 23.68 min Scan# 7028
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Tgt Ion:225 Resp: 883197

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.8	76.2
227	63.4	50.9	76.3



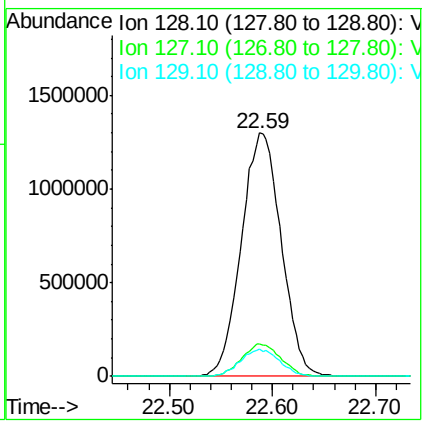


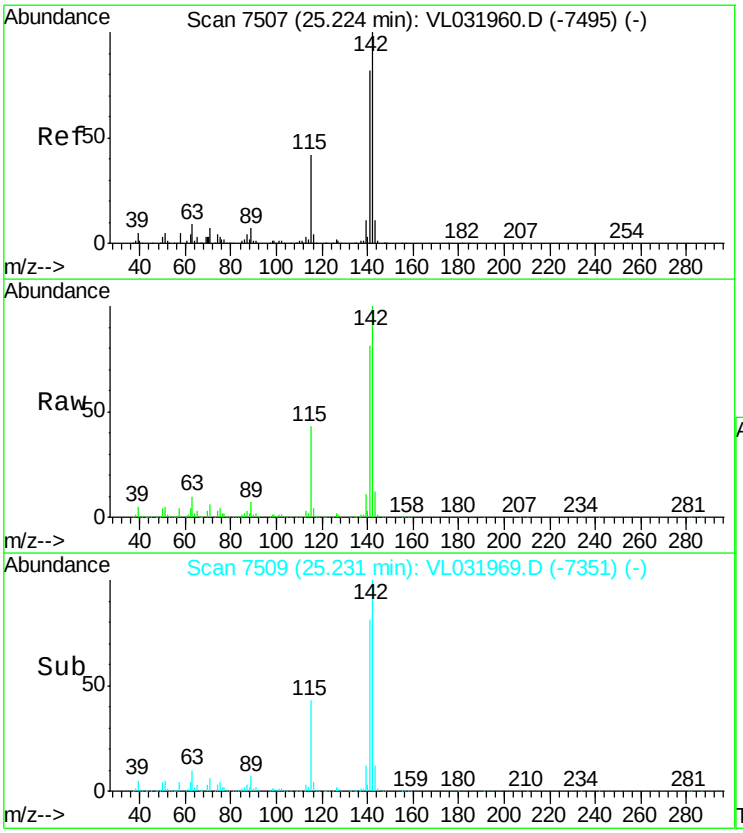
#79
Naphthalene
Concen: 12.23 ppbv
RT: 22.59 min Scan# 6687
Delta R.T. 0.00 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Instrument :
MSVOA_L
ClientSampleId :
VL0503ABS01

Tgt Ion:128 Resp: 3479906

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.0	15.0
129	11.1	9.0	13.4

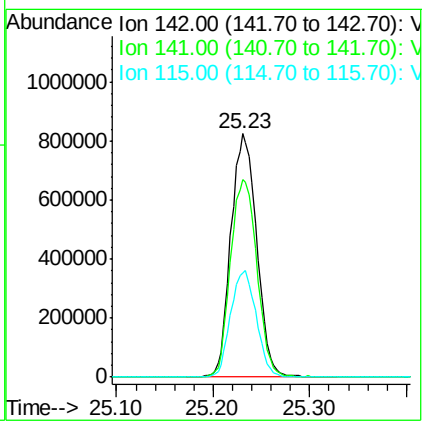


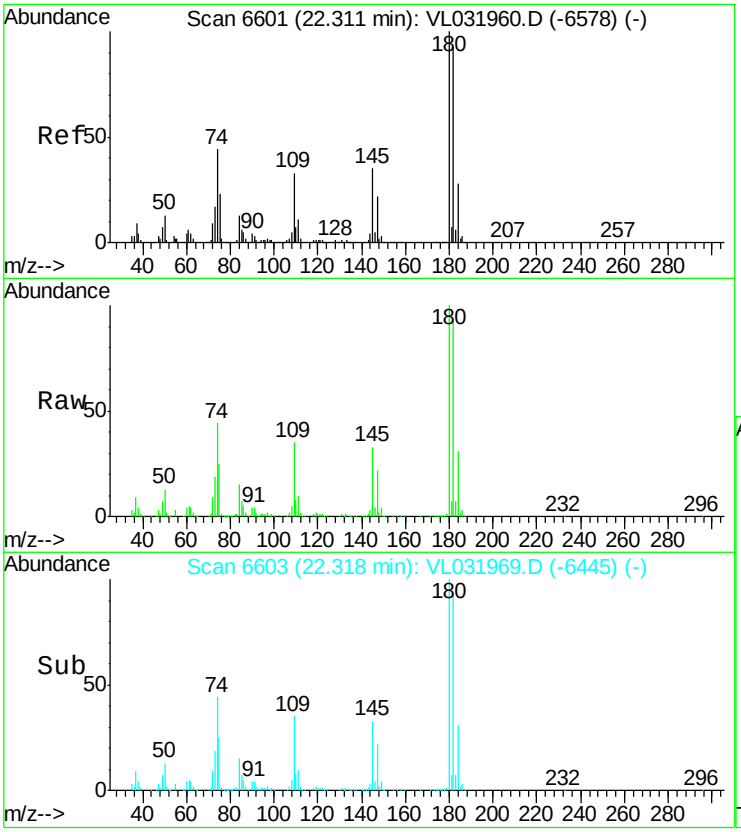


#80
Naphthalene,2-methyl-
Concen: 22.58 ppbv
RT: 25.23 min Scan# 7509
Delta R.T. 0.01 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Tgt Ion:142 Resp: 1532356

Ion	Ratio	Lower	Upper
142	100		
141	83.5	67.9	101.9
115	43.4	33.8	50.8





#81
1,2,4-Trichlorobenzene
Concen: 10.75 ppbv
RT: 22.32 min Scan# 6603
Delta R.T. 0.01 min
Lab File: VL031969.D
Acq: 3 May 2018 18:34

Instrument :
MSVOA_L
ClientSampleId :
VL0503ABS01

Tgt Ion:180 Resp: 1695902

Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.6	114.8
184	30.1	24.0	36.0