Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090519\

Quantitation Report (Not Reviewed)

Data File : VL034124.D
Acq On : 5 Sep 2019 5:06
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Sep 05 09:57:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL090519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 05 09:42:59 2019
QLast Update : Thu Sep 05 09:42:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.71	49	1223603	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.23	114	2155642	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.17	117	2170923	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.51	95	1833495	10.33	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.18	85	17153	0.085	ppbv		94
3) Chlorodifluoromethane	2.98	51	15289	0.112	ppbv		95
4) Chloromethane	3.14	50	8237	0.097	ppbv	#	77
5) Vinyl Chloride	3.25	62	8135	0.105	ppbv	#	70
6) Bromomethane	3.47	94	2376	0.062	ppbv	#	29
7) Chloroethane	3.56	64	2563	0.097	ppbv	#	73
8) Dichlorotetrafluoroethane	3.18	85	17153	0.106	ppbv		96
9) Propene	3.00	41	5557	0.073	ppbv	#	16
10) Heptane	8.18	43	9265	0.047	ppbv	#	29
11) Trichlorofluoromethane	3.96	101	19667	0.119	ppbv		100
12) 1,1,2-Trichlorotrifluoroet	4.50	101	6057	0.055	ppbv	#	17
14) Bromoethene	3.75	108	3160	0.066	ppbv	#	40
15) Acetone	3.88	43	11359	0.077	ppbv	#	41
18) 1,1-Dichloroethene	4.30	96	4674	0.093	ppbv	#	70
20) Methylene Chloride	4.36	84	7145	0.147	ppbv	#	80
21) Allyl Chloride	4.43	41	9591	0.099	ppbv	#	83
22) trans-1,2-Dichloroethene	4.91	96	5844	0.116	ppbv		86
23) Vinyl Acetate	5.11	43	24300	0.097	ppbv	#	91
24) 1,1-Dichloroethane	5.04	63	14089	0.085	ppbv	#	95
25) Ethyl Acetate	5.72	43	16419	0.051	ppbv	#	75
26) Hexane	5.73	57	20241	0.141	ppbv		90
27) Carbon Disulfide	4.57	76	4252	0.033	ppbv	#	31
28) Methyl tert-Butyl Ether	5.08	73	10828	0.051	ppbv	#	42
29) Chloroform	5.79	83	21342	0.110	ppbv		100
31) cis-1,2-Dichloroethene	5.58	61	12270	0.089	ppbv	#	72
32) 1,1,1-Trichloroethane	6.56	97	10008	0.055	ppbv	#	23
35) Carbon Tetrachloride	7.08	117	6141	0.037	ppbv	#	80
36) Benzene	6.95	78	16222	0.066	ppbv	#	86
37) 1,2-Dichloroethane	6.35	62	16431	0.109	ppbv		98
38) Trichloroethene	7.89	130	6783	0.074	ppbv	#	80
39) 1,2-Dichloropropane	7.23	63	677226	6.419	ppbv	#	25
41) Tetrahydrofuran	6.13	42	11019	0.089	ppbv	#	90
42) Bromodichloromethane	7.85	83	21743	0.110	ppbv	#	88
43) Methyl Methacrylate	8.08	69	7047	0.069	ppbv	#	1
44) 2,2,4-Trimethylpentane	7.93	57	21550	0.047	ppbv	#	32
45) t-1,3-Dichloropropene	9.35	75	3610	0.030	ppbv		96
46) cis-1,3-Dichloropropene	8.77	75	7001	0.048	ppbv	#	75
47) 1,1,2-Trichloroethane	9.55	97	6829	0.071	ppbv	#	79
48) Dibromochloromethane	10.39	129	8382	0.058	ppbv	#	42
49) Bromoform	13.13	173	4474	0.036	ppbv	#	1
51) 2-Hexanone	10.23	43	15864	0.059	ppbv	#	49

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090519\

Quantitation Report (Not Reviewed)

Data File : VL034124.D
Acq On : 5 Sep 2019 5:06
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Sep 05 09:57:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL090519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 05 09:42:59 2019
QLast Update : Thu Sep 05 09:42:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) Toluene	9.88	91	20476	0.075	ppbv	#	66
54) 1,2-Dibromoethane	10.69	107	5848	0.041	ppbv		88
56) 1,1,1,2-Tetrachloroethane	12.22	131	3734	0.040	ppbv	#	1
57) Chlorobenzene	12.23	112	21244	0.114	ppbv	#	56
58) Ethyl Benzene	13.04	91	11509	0.032	ppbv		100
59) m/p-Xylene	13.08	91	20460	0.071	ppbv	#	32
60) o-Xylene	13.78	91	20160	0.070	ppbv	#	40
61) Styrene	13.61	104	11500	0.053	ppbv	#	22
62) Isopropylbenzene	14.76	105	34348	0.091	ppbv	#	84
63) 1,1,2,2-Tetrachloroethane	13.77	83	15109	0.064	ppbv	#	38
64) n-propylbenzene	15.66	120	6127	0.064	ppbv	#	1
66) Benzyl Chloride	17.08	91	4220	0.035	ppbv	#	1
67) sec-Butylbenzene	17.40	105	53492	0.115	ppbv		100
69) p-Isopropyltoluene	17.75	119	44494	0.119	ppbv		99
70) n-Butylbenzene	18.65	91	28782	0.068	ppbv	#	60
71) 2-Chlorotoluene	15.55	91	12327	0.040	ppbv	#	46
72) 4-Ethyltoluene	15.94	105	30754	0.094	ppbv	#	96
73) 1,3,5-Trimethylbenzene	16.09	105	12881	0.041	ppbv		95
74) 1,2,4-Trimethylbenzene	16.86	105	22293	0.068	ppbv	#	66
75) 1,3-Dichlorobenzene	17.10	146	11050	0.064	ppbv	#	22
76) 1,4-Dichlorobenzene	17.24	146	13642	0.075	ppbv	#	51
77) 1,2-Dichlorobenzene	17.92	146	17641	0.100	ppbv		75
78) Hexachloro-1,3-Butadiene	23.47	225	5152	0.043	ppbv	#	19
80) Naphthalene,2-methyl-	25.09	142	5069	0.049	ppbv		90
81) 1,2,4-Trichlorobenzene	22.04	180	4915	0.031	ppbv	#	12

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

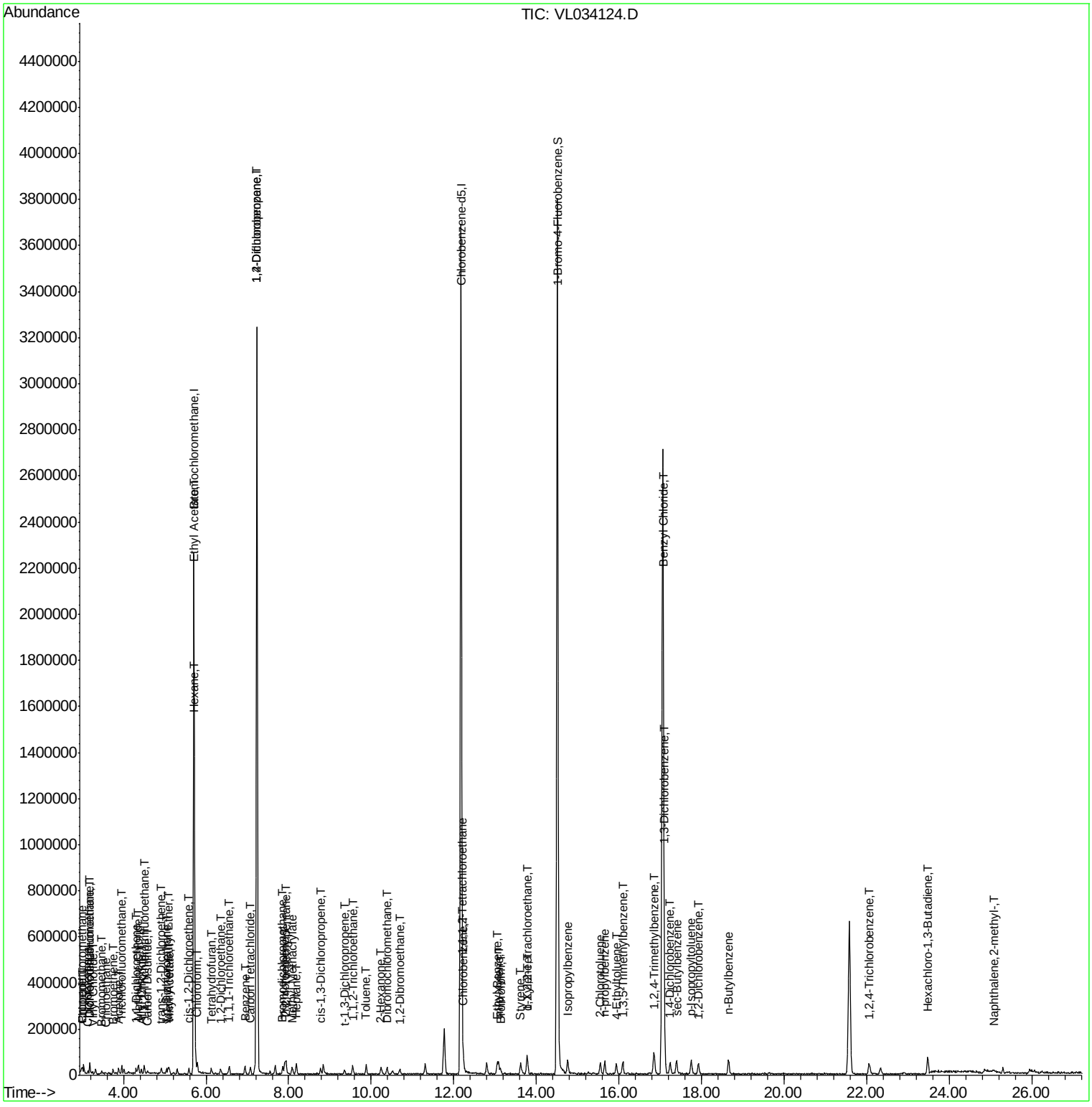
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090519\

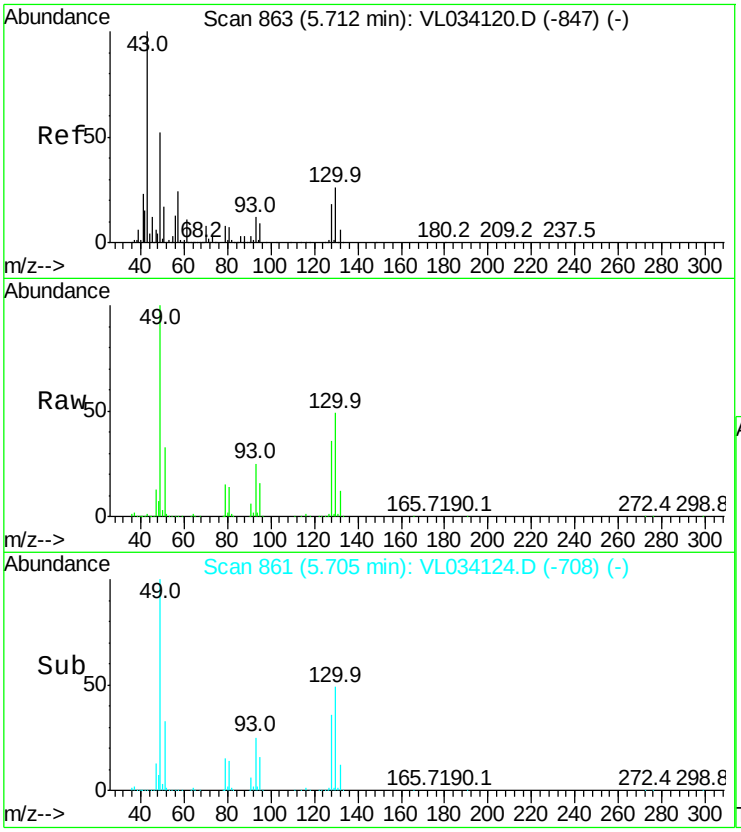
Quantitation Report (Not Reviewed)

Data File : VL034124.D
Acq On : 5 Sep 2019 5:06
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Sep 05 09:57:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL090519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 05 09:42:59 2019
QLast Update : Thu Sep 05 09:42:59 2019
Response via : Initial Calibration



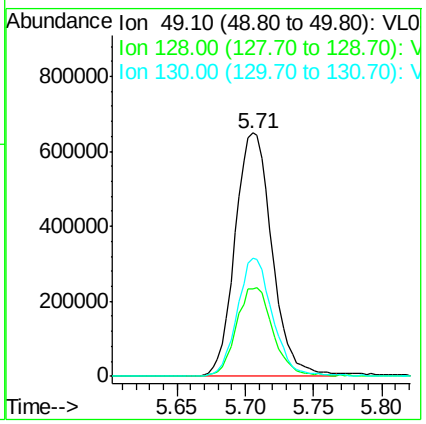


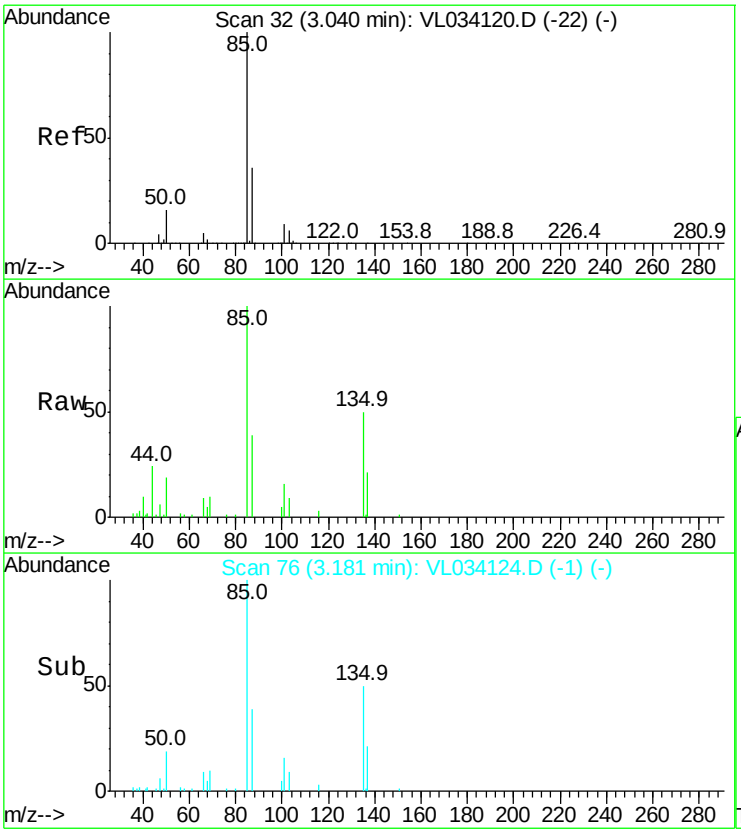
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.71 min Scan# 861
Delta R.T. -0.01 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 49 Resp: 1223603

Ion	Ratio	Lower	Upper
49	100		
128	36.3	18.4	55.0
130	46.4	23.5	70.6

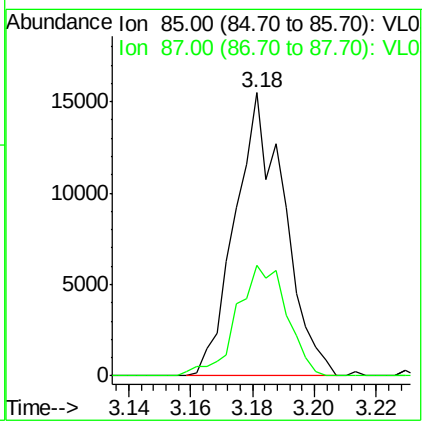


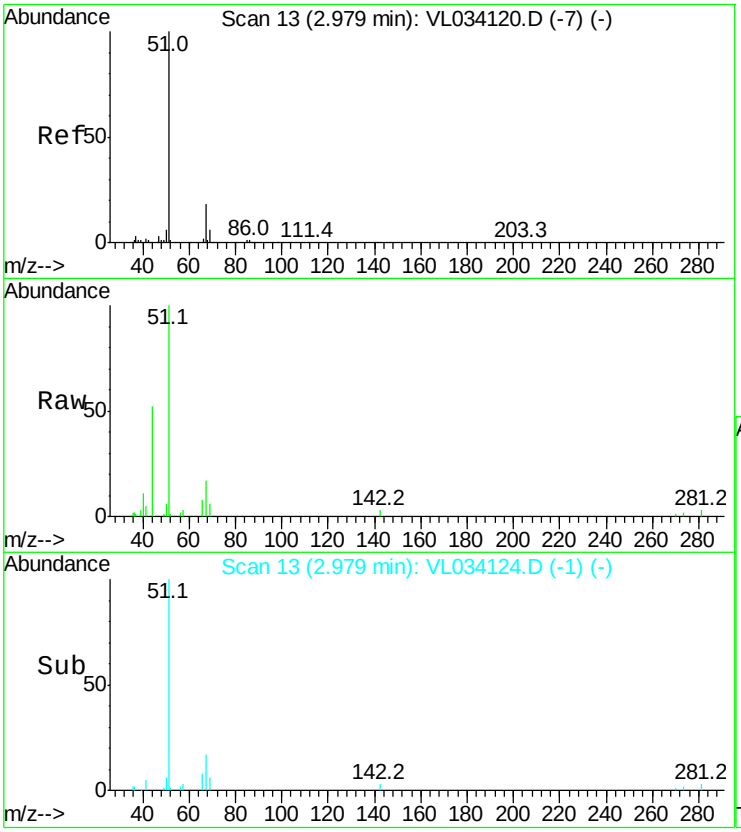


#2
Dichlorodifluoromethane
Concen: 0.085 ppbv
RT: 3.18 min Scan# 76
Delta R.T. 0.14 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Tgt Ion: 85 Resp: 17153

Ion	Ratio	Lower	Upper
85	100		
87	39.2	28.6	43.0



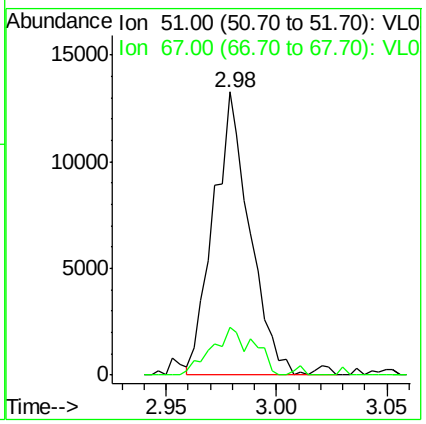


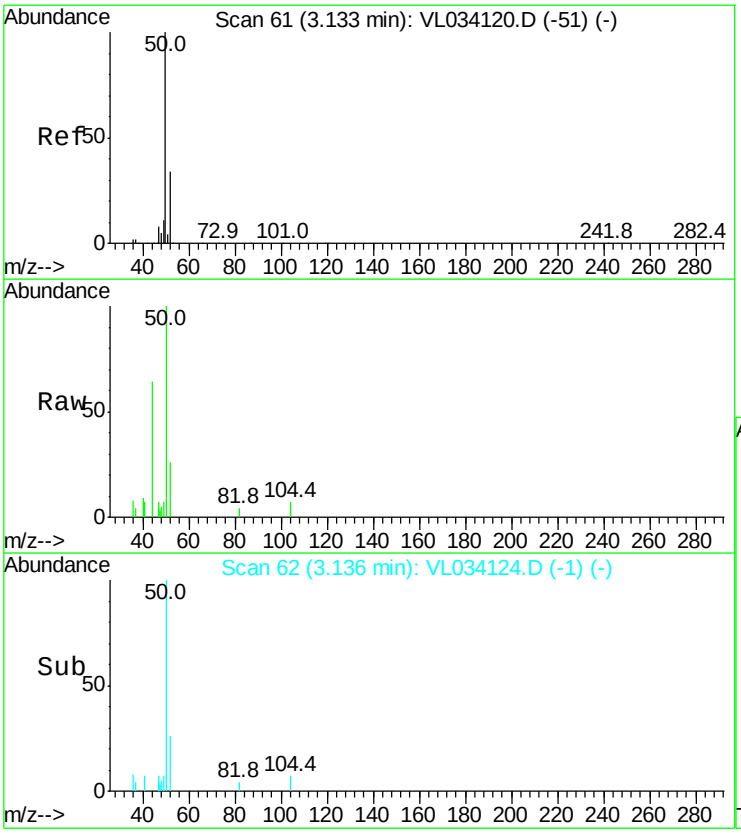
#3
Chlorodifluoromethane
Concen: 0.112 ppbv
RT: 2.98 min Scan# 13
Delta R.T. -0.00 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 51 Resp: 15289

Ion	Ratio	Lower	Upper
51	100		
67	19.8	14.2	21.4

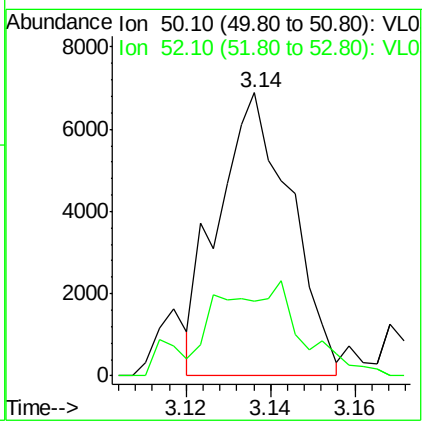


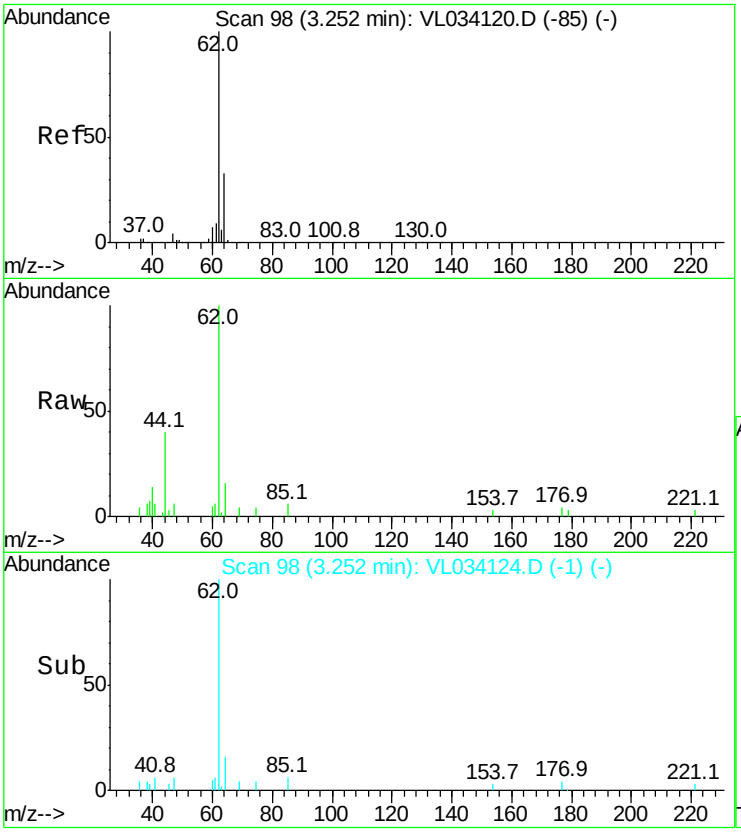


#4
Chloromethane
Concen: 0.097 ppbv
RT: 3.14 min Scan# 62
Delta R.T. 0.00 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Tgt Ion: 50 Resp: 8237

Ion	Ratio	Lower	Upper
50	100		
52	21.3	27.4	41.2#



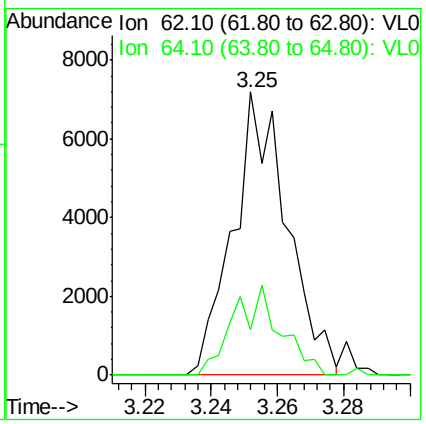


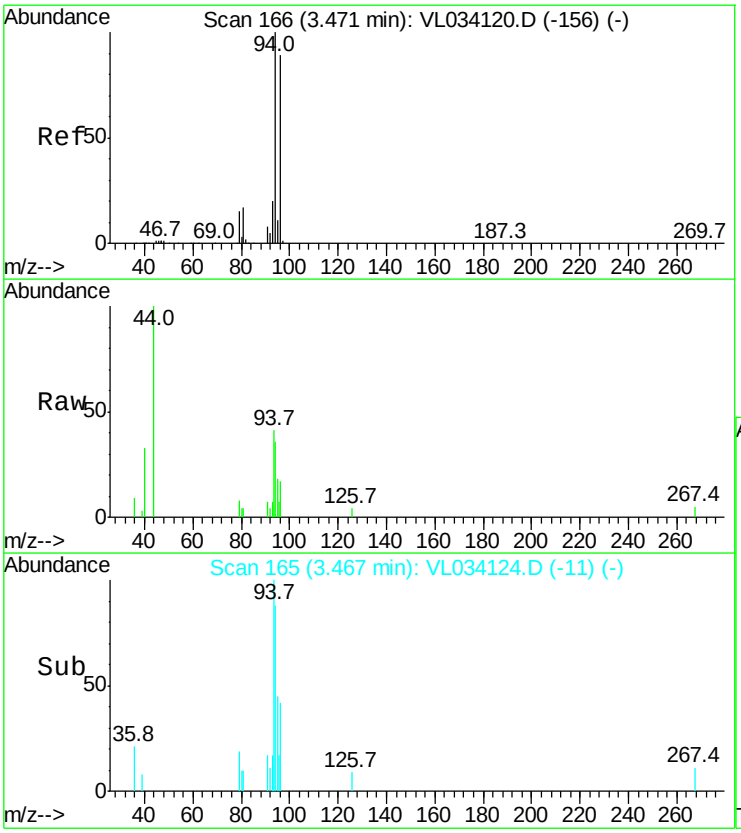
#5
Vinyl Chloride
Concen: 0.105 ppbv
RT: 3.25 min Scan# 98
Delta R.T. -0.00 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 62 Resp: 8135

Ion	Ratio	Lower	Upper
62	100		
64	16.2	26.6	39.8#

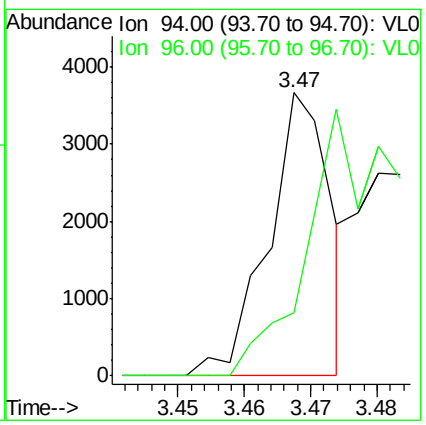


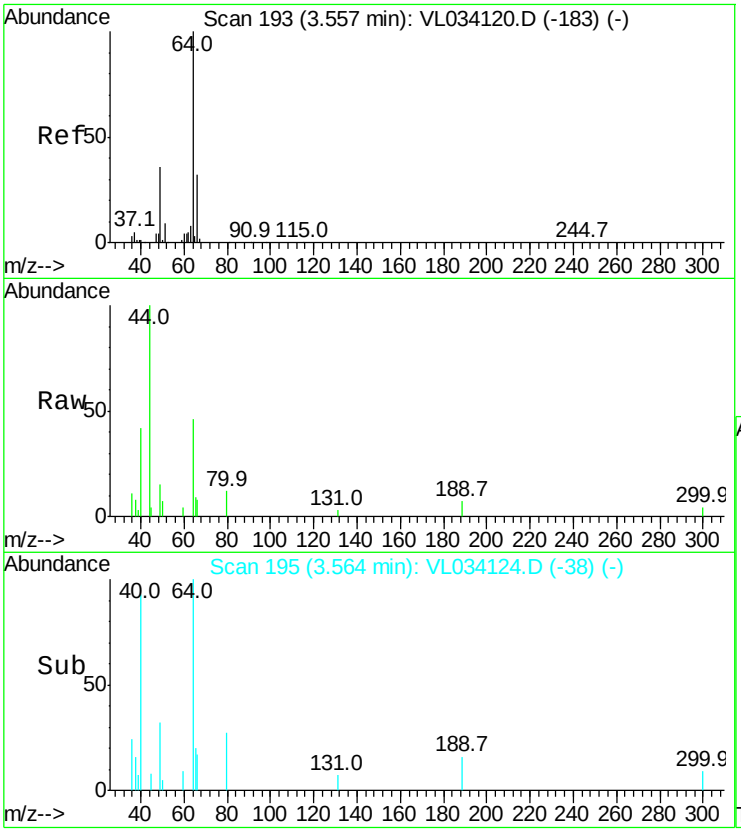


#6
Bromomethane
Concen: 0.062 ppbv
RT: 3.47 min Scan# 165
Delta R.T. -0.00 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Tgt Ion: 94 Resp: 2376

Ion	Ratio	Lower	Upper
94	100		
96	22.3	71.4	107.0#



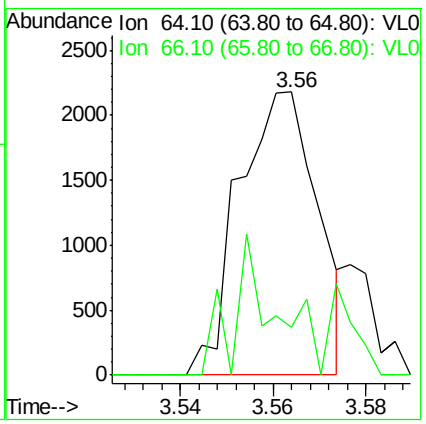


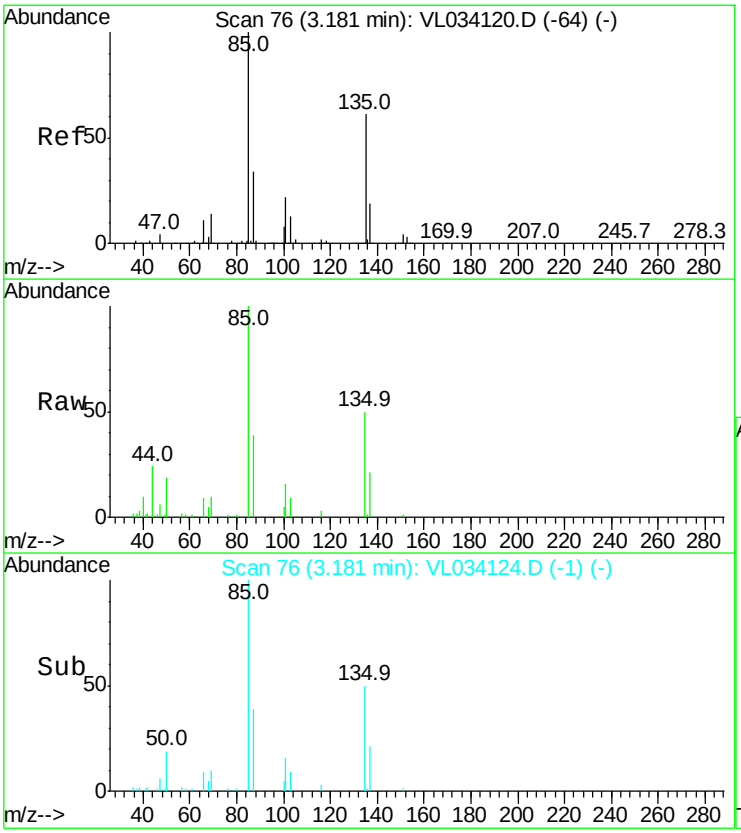
#7
Chloroethane
Concen: 0.097 ppbv
RT: 3.56 min Scan# 195
Delta R.T. 0.01 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 64 Resp: 2563

Ion	Ratio	Lower	Upper
64	100		
66	17.0	25.4	38.2#

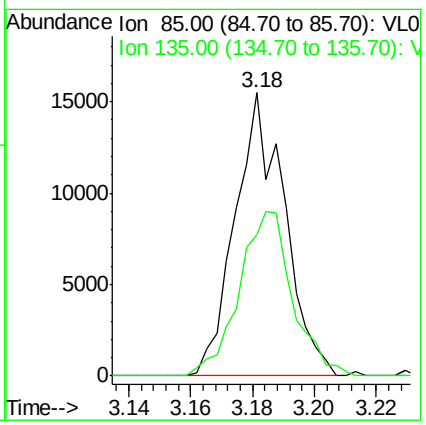


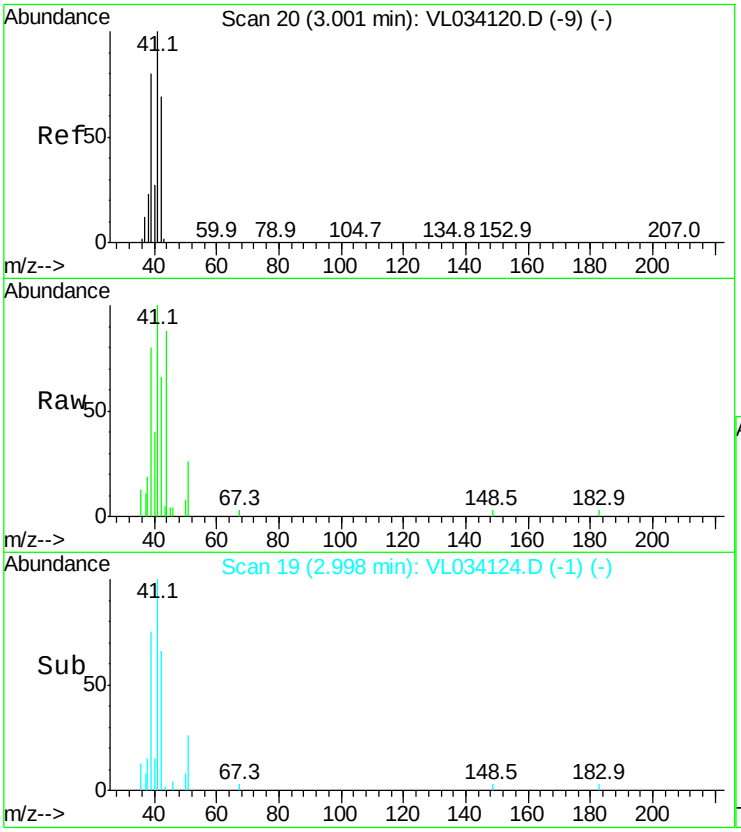


#8
Dichlorotetrafluoroethane
Concen: 0.106 ppbv
RT: 3.18 min Scan# 76
Delta R.T. -0.00 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Tgt Ion: 85 Resp: 17153

Ion	Ratio	Lower	Upper
85	100		
135	62.9	48.0	72.0



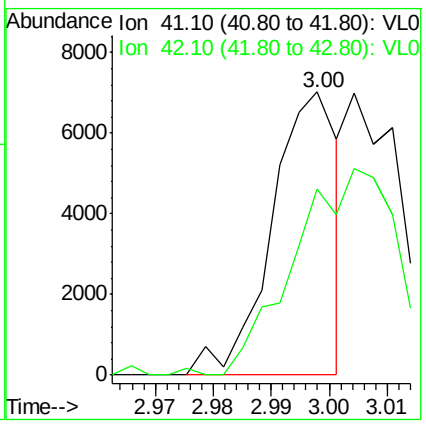


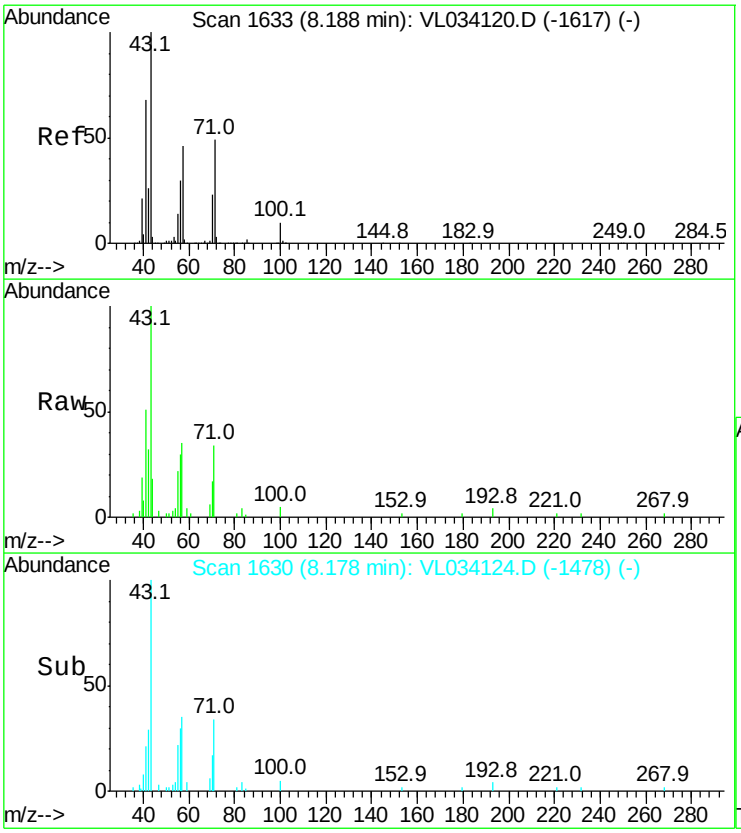
#9
Propene
Concen: 0.073 ppbv
RT: 3.00 min Scan# 19
Delta R.T. -0.00 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 41 Resp: 5557

Ion	Ratio	Lower	Upper
41	100		
42	0.0	54.6	81.8#

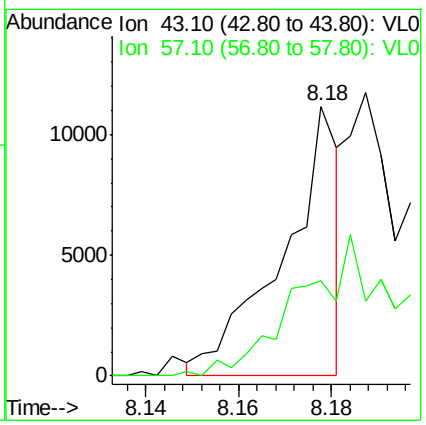


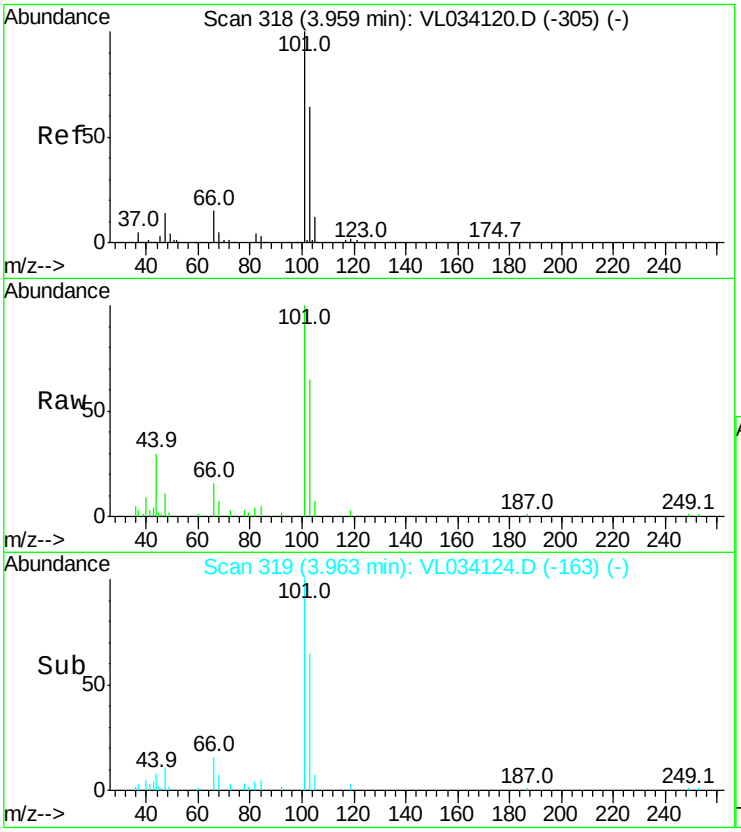


#10
Heptane
Concen: 0.047 ppbv
RT: 8.18 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Tgt Ion: 43 Resp: 9265

Ion	Ratio	Lower	Upper
43	100		
57	0.0	38.1	57.1#



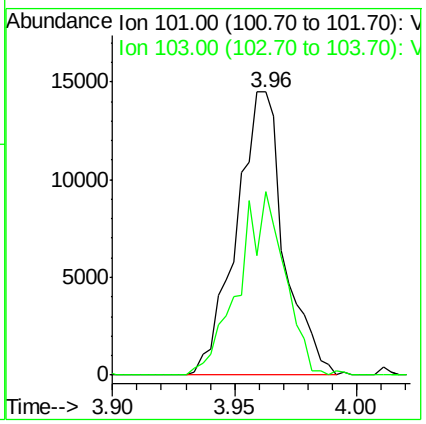


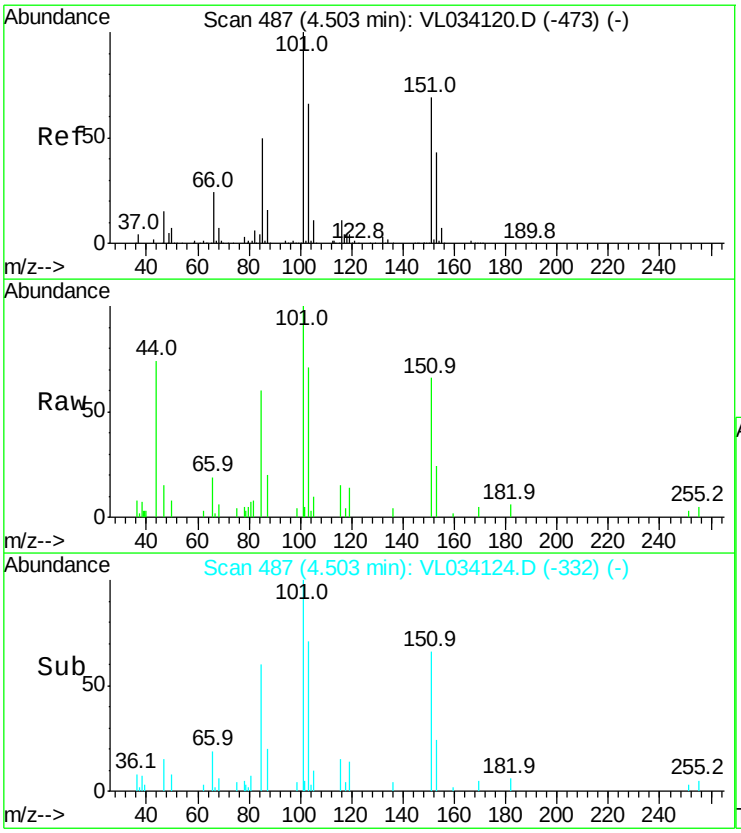
#11
Trichlorofluoromethane
Concen: 0.119 ppbv
RT: 3.96 min Scan# 319
Delta R.T. 0.00 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:101 Resp: 19667

Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.4	77.2

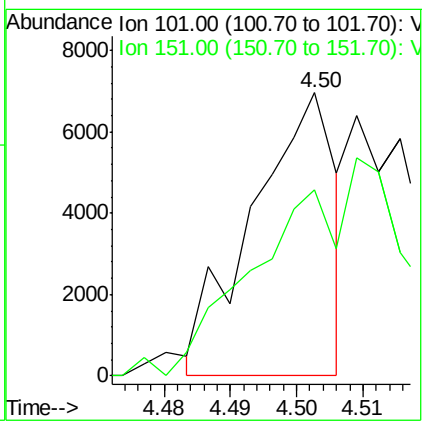


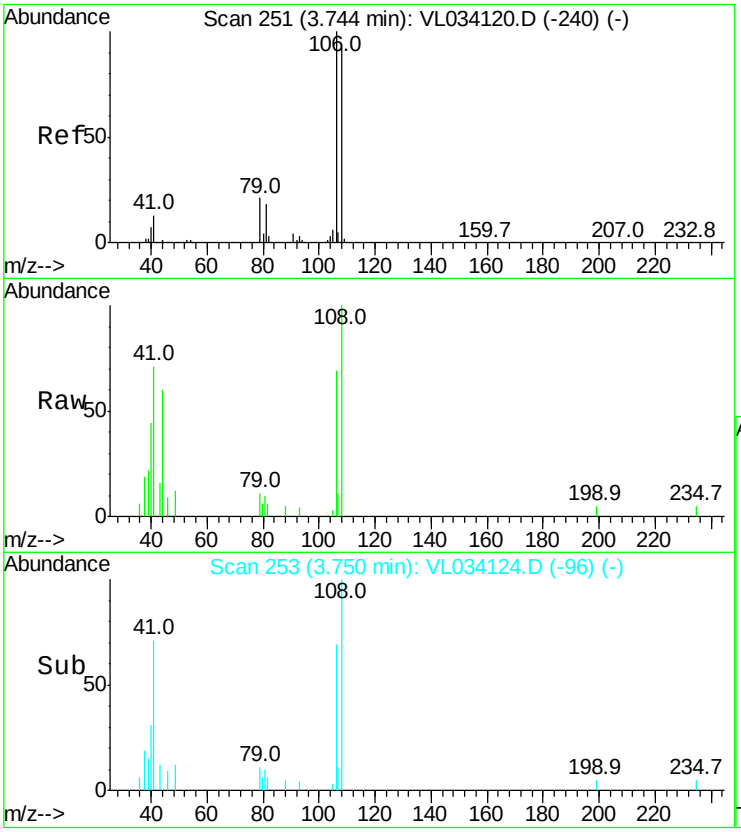


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.055 ppbv
RT: 4.50 min Scan# 487
Delta R.T. -0.00 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Tgt Ion:101 Resp: 6057

Ion	Ratio	Lower	Upper
101	100		
151	0.0	53.0	79.6#



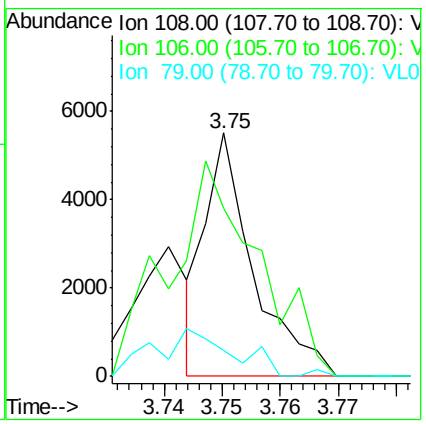


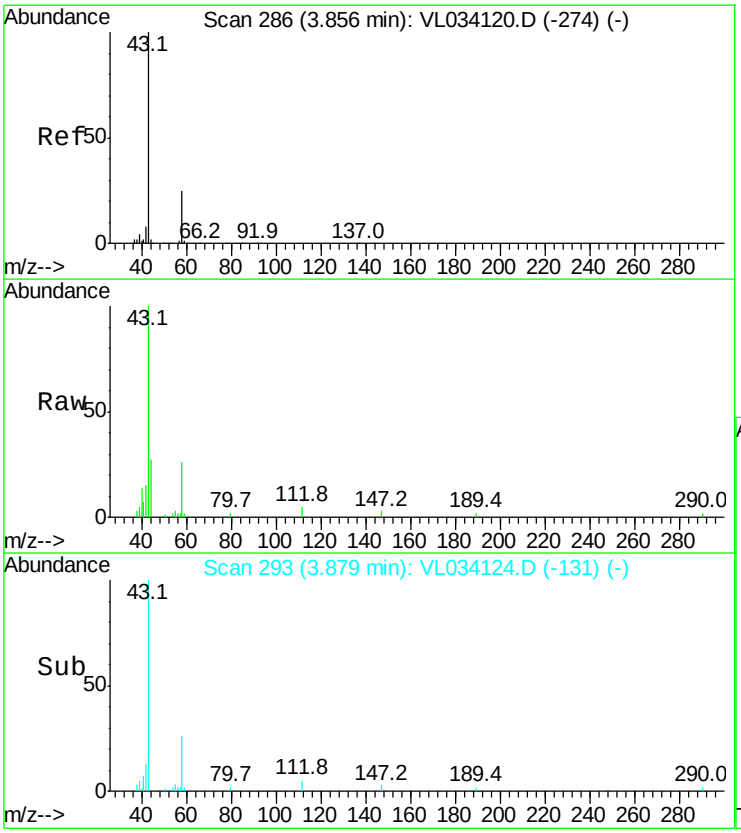
#14
Bromoethene
Concen: 0.066 ppbv
RT: 3.75 min Scan# 253
Delta R.T. 0.01 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:108 Resp: 3160

Ion	Ratio	Lower	Upper
108	100		
106	178.0	87.2	130.8#
79	33.6	16.5	24.7#

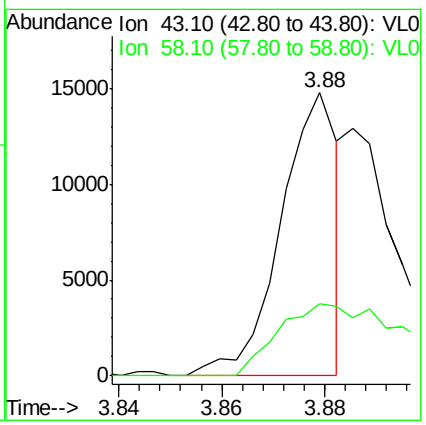


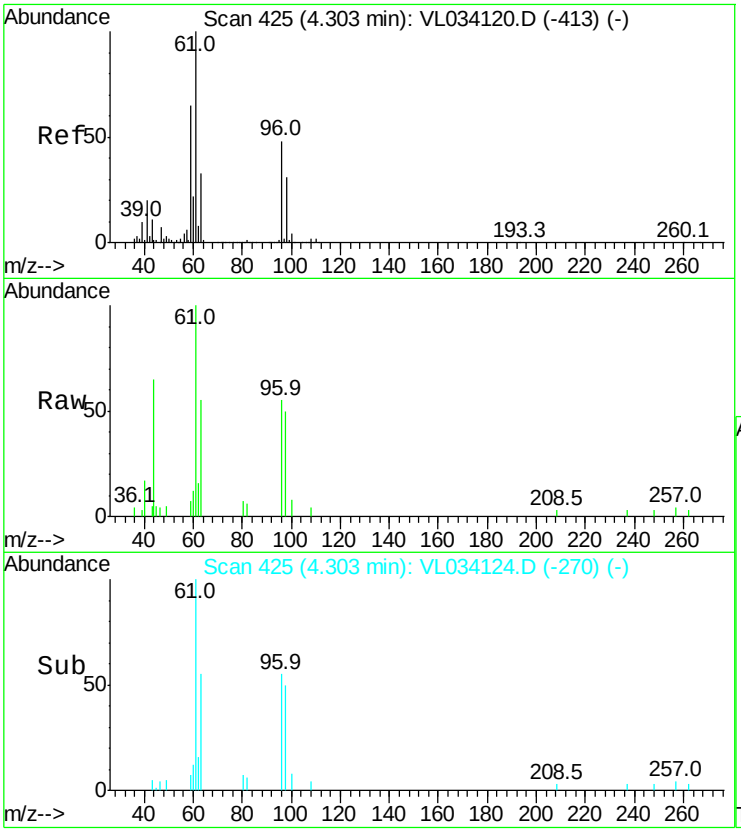


#15
Acetone
Concen: 0.077 ppbv
RT: 3.88 min Scan# 293
Delta R.T. 0.02 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Tgt Ion: 43 Resp: 11359

Ion	Ratio	Lower	Upper
43	100		
58	55.5	20.6	30.8#



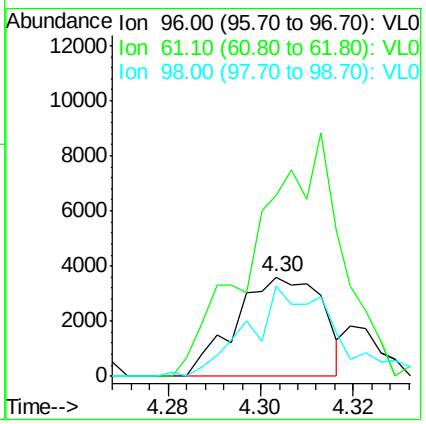


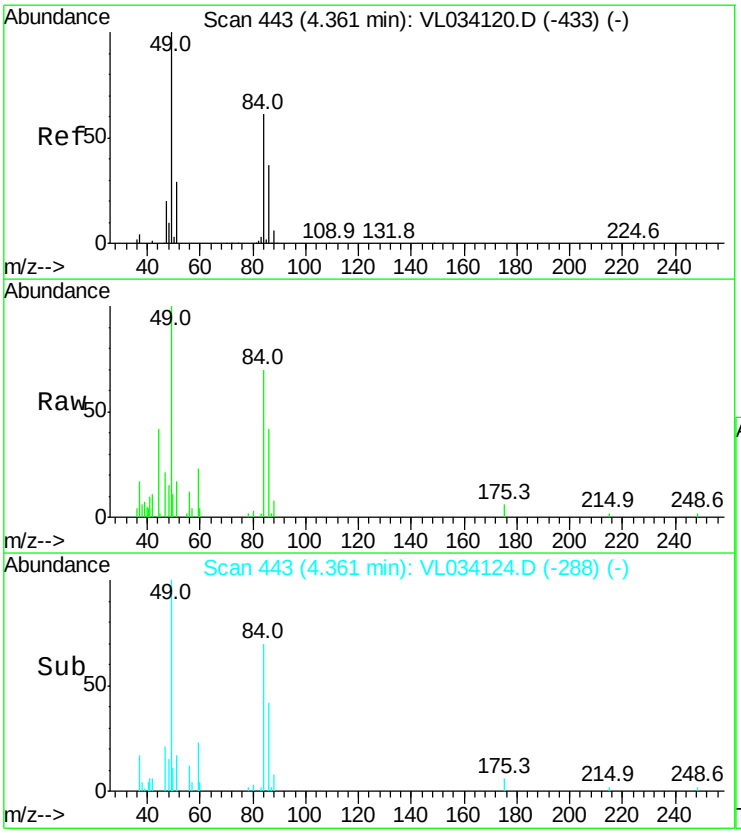
#18
1,1-Dichloroethene
Concen: 0.093 ppbv
RT: 4.30 min Scan# 425
Delta R.T. -0.00 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 96 Resp: 4674

Ion	Ratio	Lower	Upper
96	100		
61	163.4	165.8	248.8#
98	90.3	50.8	76.2#

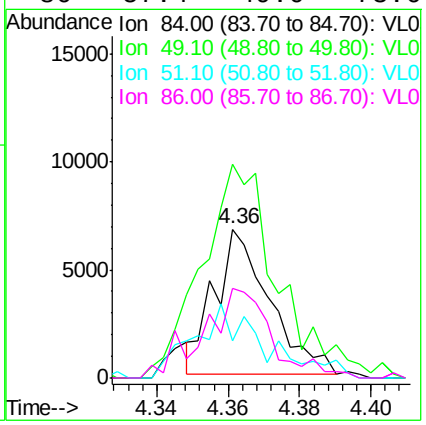


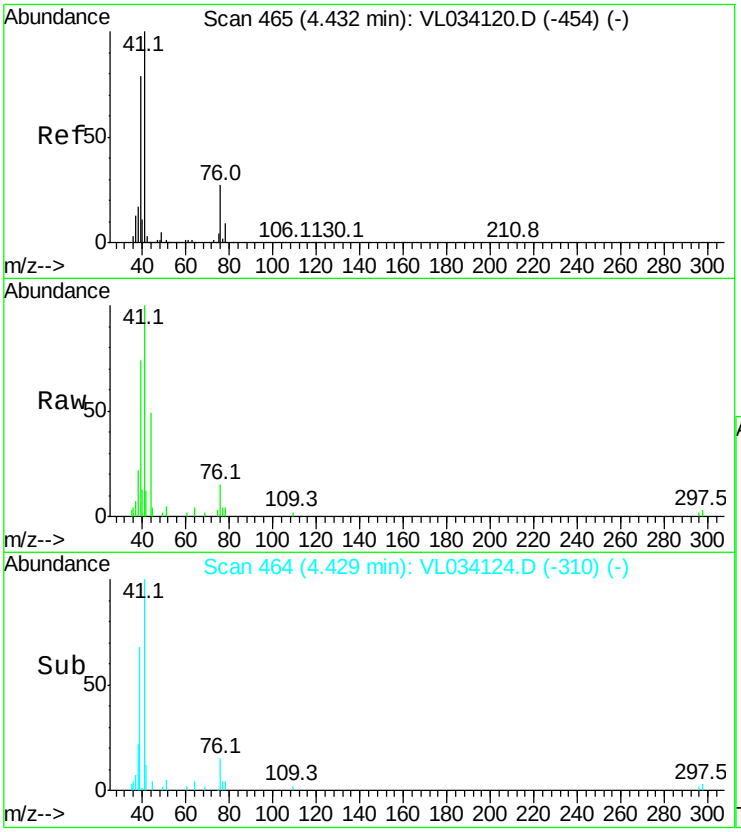


#20
Methylene Chloride
Concen: 0.147 ppbv
RT: 4.36 min Scan# 443
Delta R.T. -0.00 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Tgt Ion: 84 Resp: 7145

Ion	Ratio	Lower	Upper
84	100		
49	140.6	131.0	196.6
51	13.4	38.1	57.1#
86	57.4	49.0	73.6



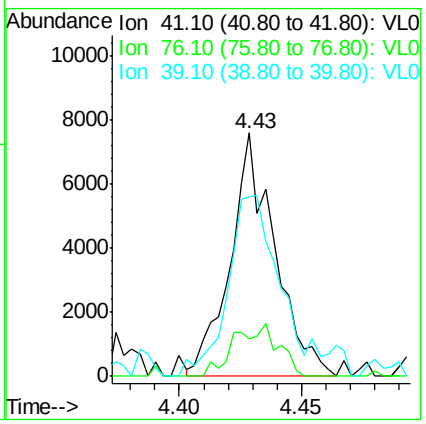


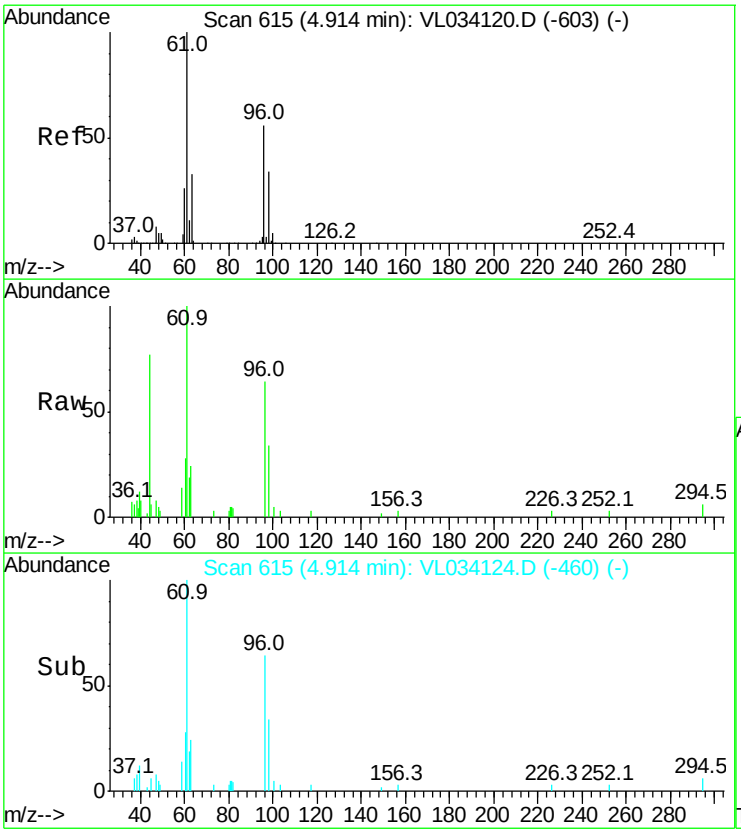
#21
Allyl Chloride
Concen: 0.099 ppbv
RT: 4.43 min Scan# 464
Delta R.T. -0.00 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 41 Resp: 9591

Ion	Ratio	Lower	Upper
41	100		
76	21.4	21.6	32.4#
39	98.2	65.0	97.4#

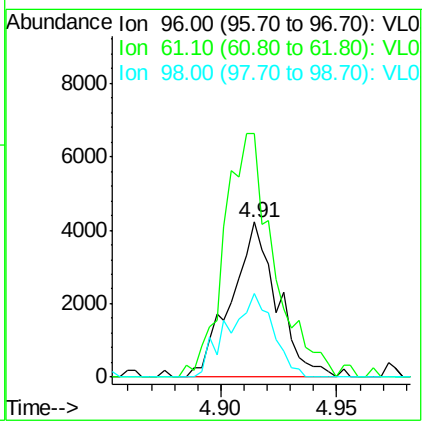


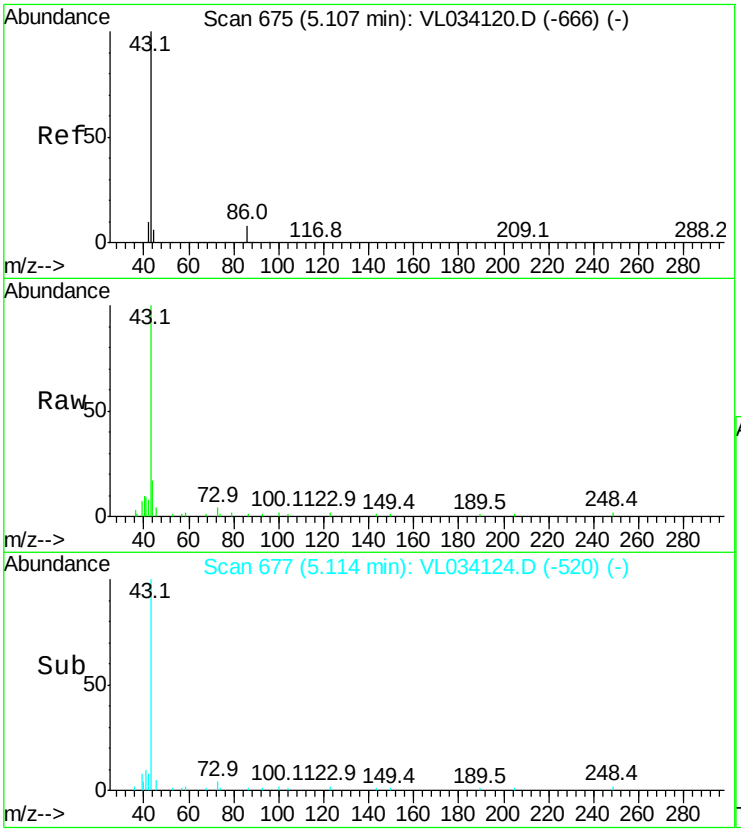


#22
trans-1,2-Dichloroethene
Concen: 0.116 ppbv
RT: 4.91 min Scan# 615
Delta R.T. -0.00 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Tgt Ion: 96 Resp: 5844

Ion	Ratio	Lower	Upper
96	100		
61	156.8	143.1	214.7
98	54.1	49.0	73.4



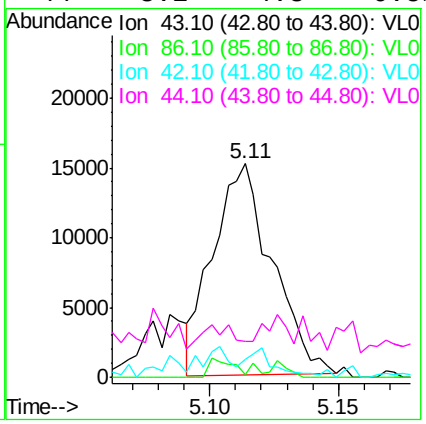


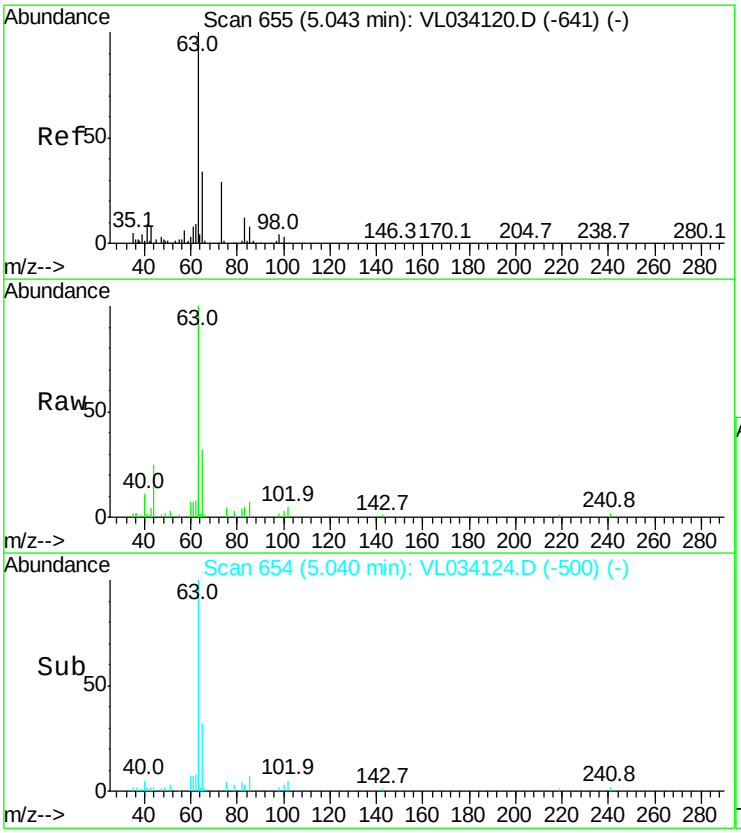
#23
Vinyl Acetate
Concen: 0.097 ppbv
RT: 5.11 min Scan# 677
Delta R.T. 0.01 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 43 Resp: 24300

Ion	Ratio	Lower	Upper
43	100		
86	1.1	5.5	8.3#
42	8.4	8.2	12.4
44	3.2	4.3	6.5#

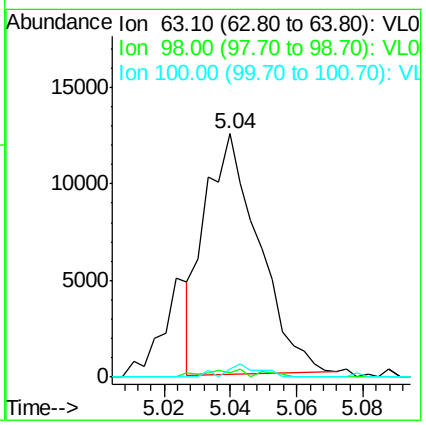


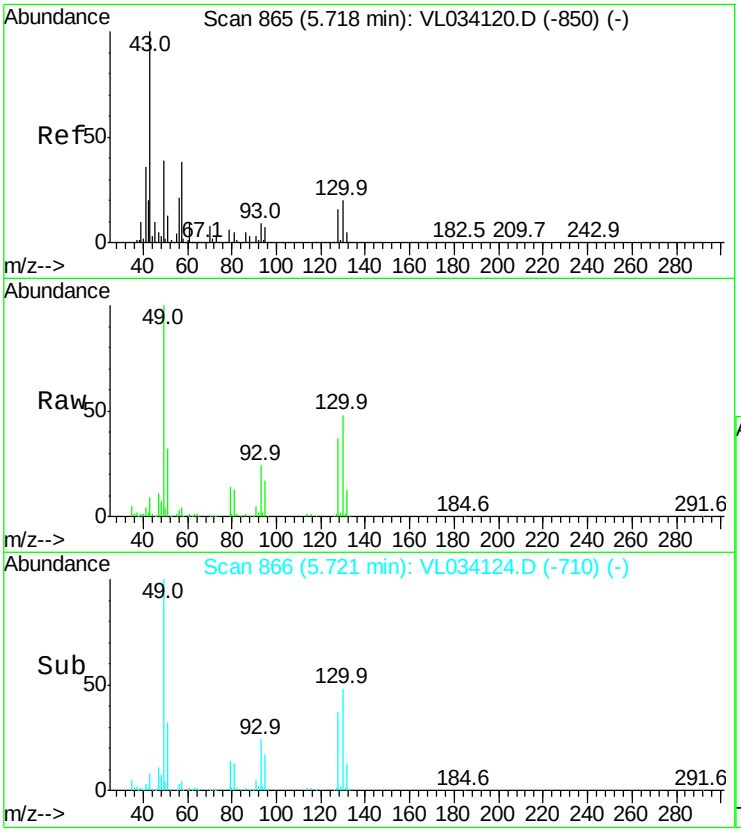


#24
1,1-Dichloroethane
Concen: 0.085 ppbv
RT: 5.04 min Scan# 654
Delta R.T. -0.00 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Tgt Ion: 63 Resp: 14089

Ion	Ratio	Lower	Upper
63	100		
98	1.9	2.1	6.2#
100	3.5	1.4	4.0



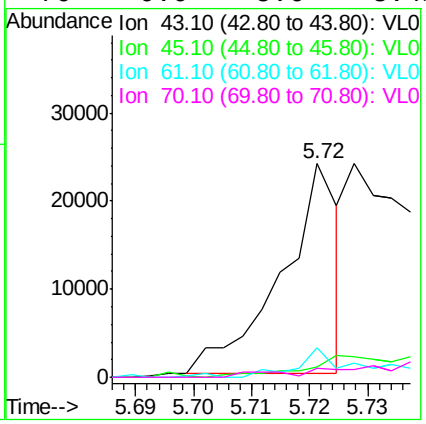


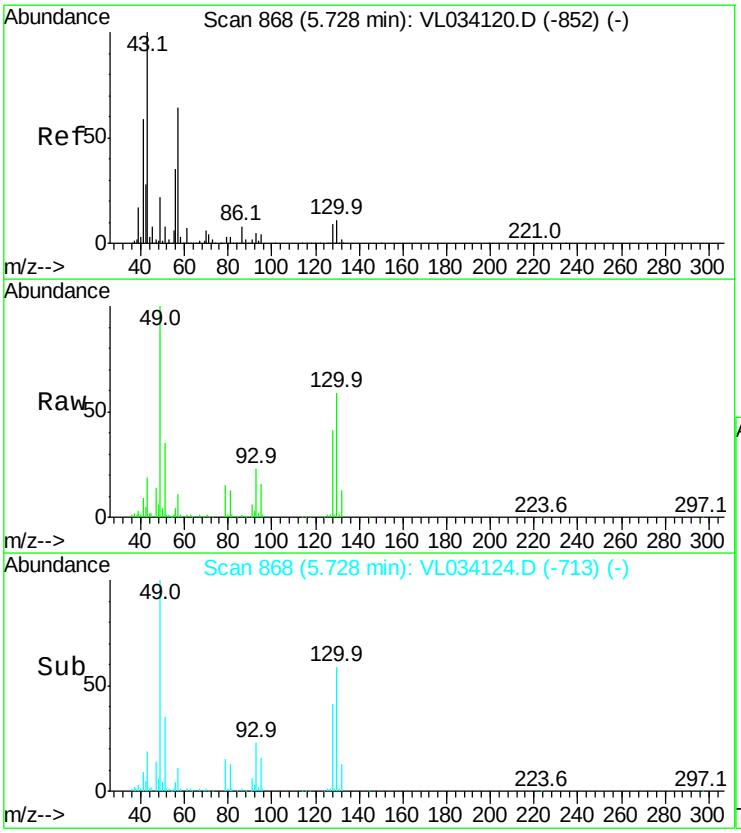
#25
Ethyl Acetate
Concen: 0.051 ppbv
RT: 5.72 min Scan# 866
Delta R.T. 0.00 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 43 Resp: 16419

Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.2	12.4#
61	18.8	7.4	11.2#
70	0.0	5.6	8.4#

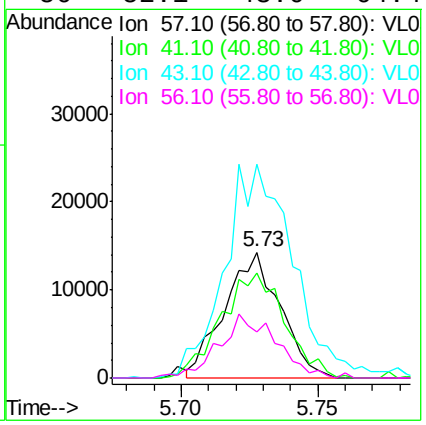


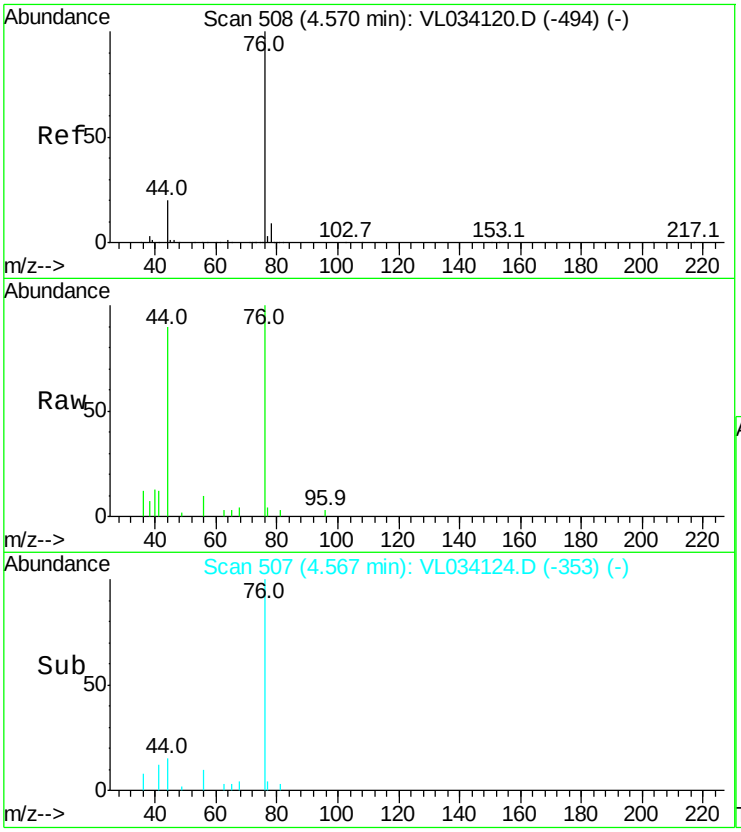


#26
Hexane
Concen: 0.141 ppbv
RT: 5.73 min Scan# 868
Delta R.T. -0.00 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Tgt Ion: 57 Resp: 20241

Ion	Ratio	Lower	Upper
57	100		
41	96.7	76.6	115.0
43	211.6	189.2	283.8
56	52.1	43.0	64.4



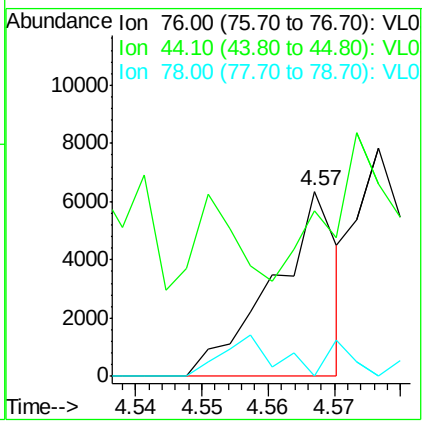


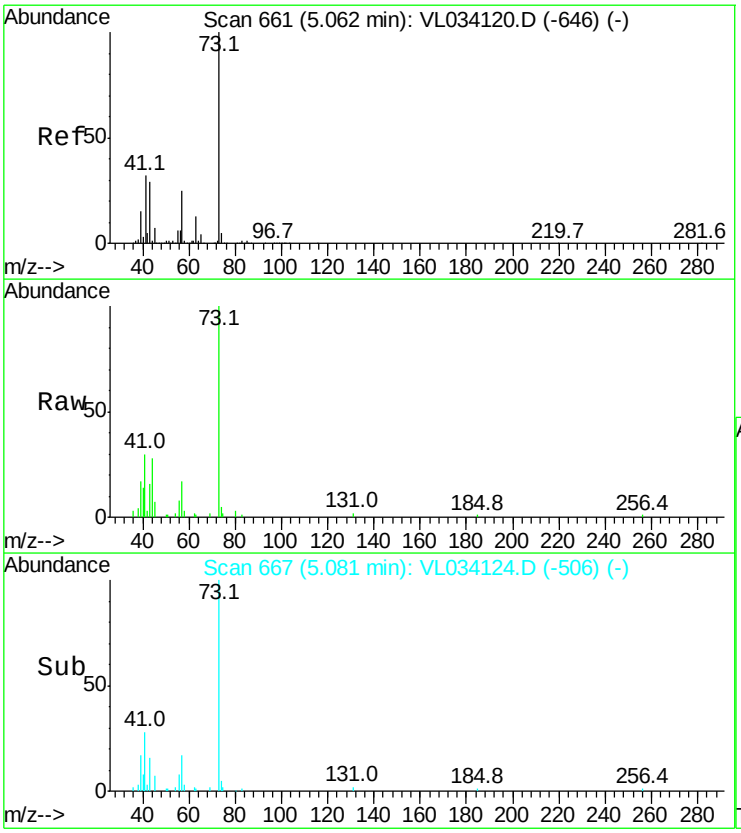
#27
Carbon Disulfide
Concen: 0.033 ppbv
RT: 4.57 min Scan# 507
Delta R.T. -0.00 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 76 Resp: 4252

Ion	Ratio	Lower	Upper
76	100		
44	59.3	17.6	26.4#
78	25.9	7.3	10.9#

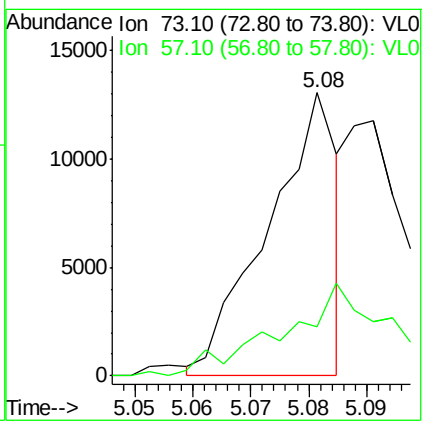


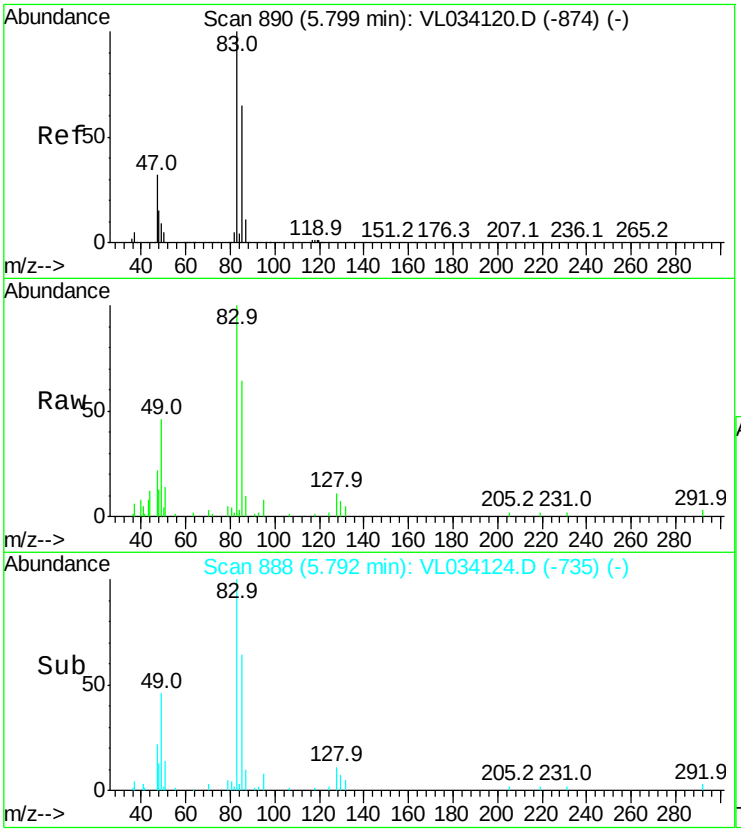


#28
Methyl tert-Butyl Ether
Concen: 0.051 ppbv
RT: 5.08 min Scan# 667
Delta R.T. 0.02 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Tgt Ion: 73 Resp: 10828

Ion	Ratio	Lower	Upper
73	100		
57	53.8	19.8	29.8#



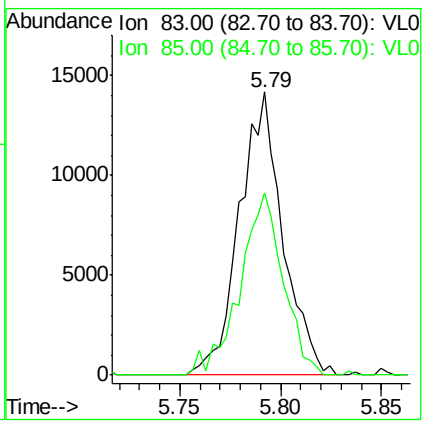


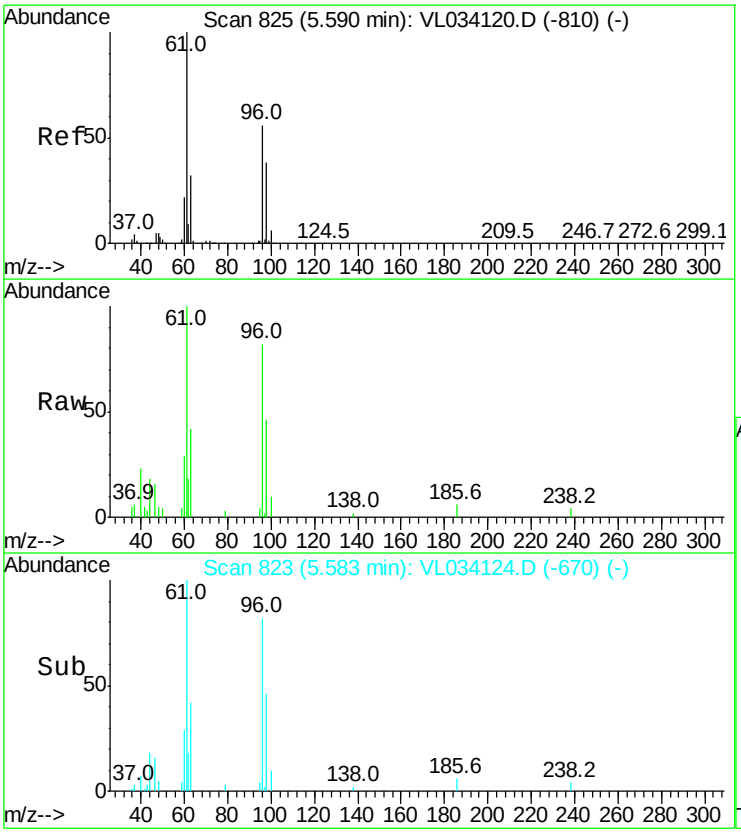
#29
Chloroform
Concen: 0.110 ppbv
RT: 5.79 min Scan# 888
Delta R.T. -0.01 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 83 Resp: 21342

Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.8	77.6

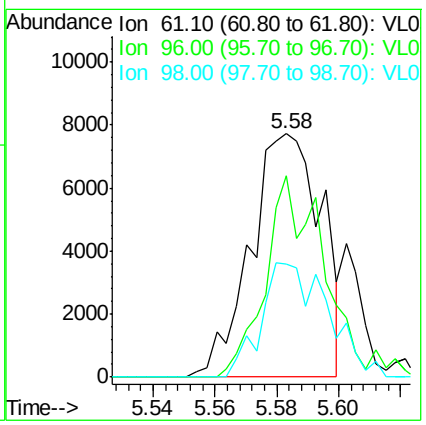


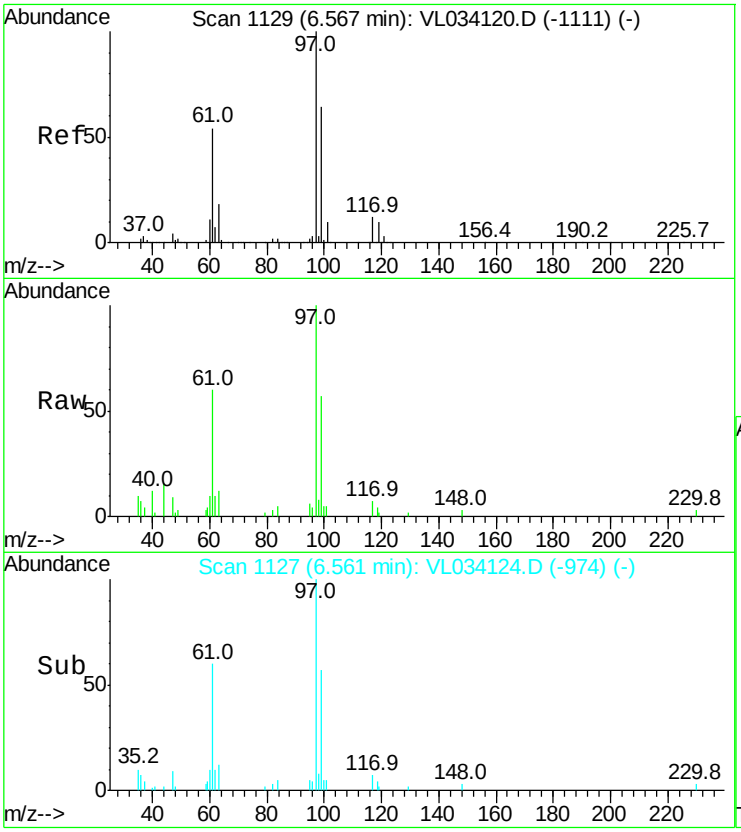


#31
cis-1,2-Dichloroethene
Concen: 0.089 ppbv
RT: 5.58 min Scan# 823
Delta R.T. -0.01 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Tgt Ion: 61 Resp: 12270

Ion	Ratio	Lower	Upper
61	100		
96	82.5	44.4	66.6#
98	46.4	30.0	45.0#



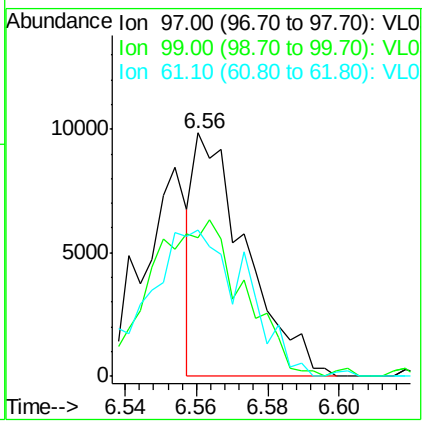


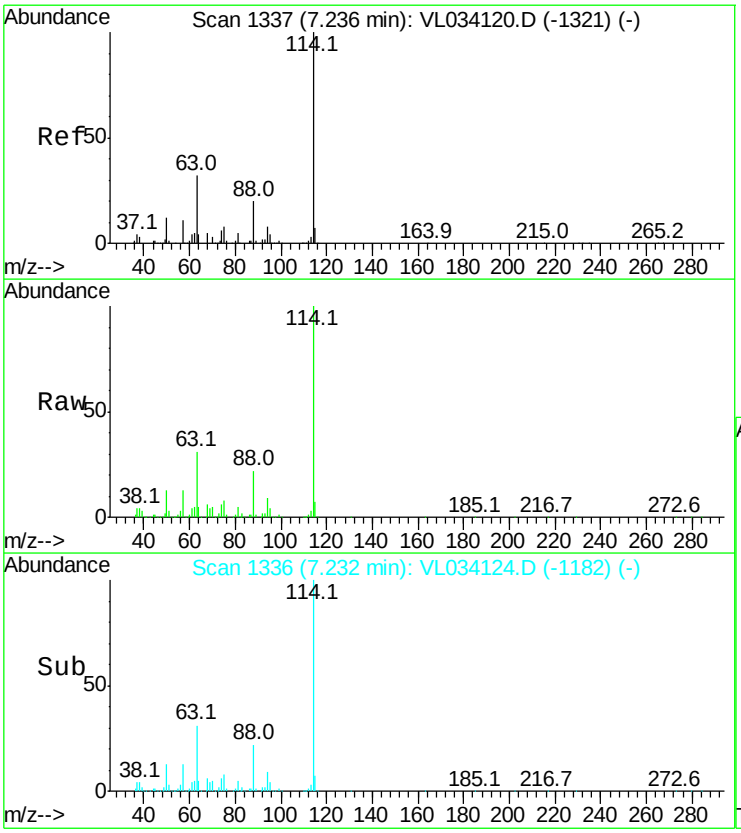
#32
1,1,1-Trichloroethane
Concen: 0.055 ppbv
RT: 6.56 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 97 Resp: 10008

Ion	Ratio	Lower	Upper
97	100		
99	119.8	51.7	77.5#
61	116.7	44.0	66.0#

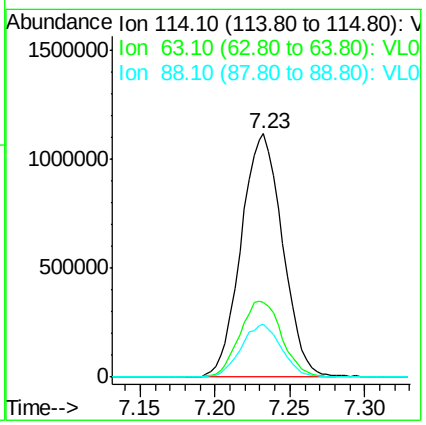


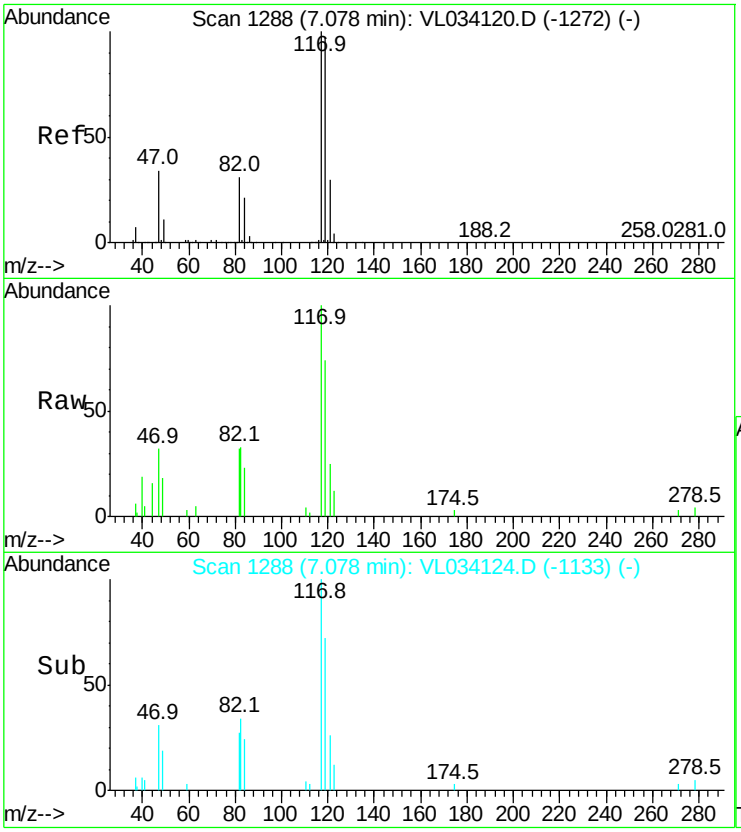


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.23 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Tgt Ion:114 Resp: 2155642

Ion	Ratio	Lower	Upper
114	100		
63	31.8	25.5	38.3
88	21.1	16.8	25.2



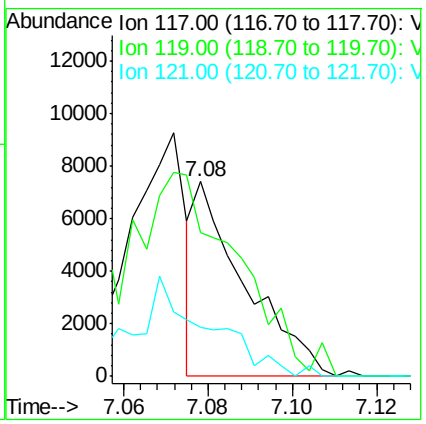


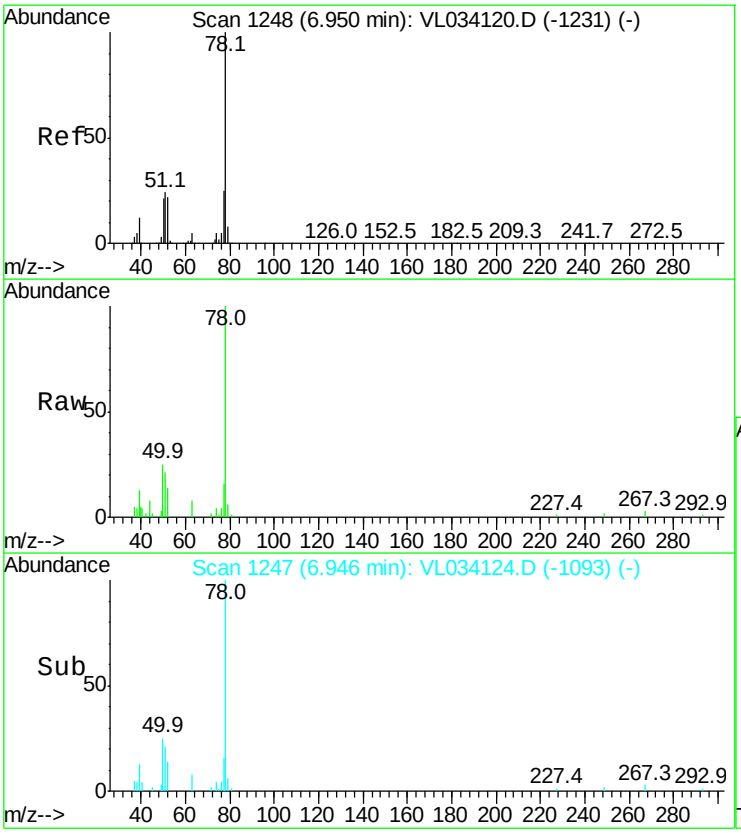
#35
Carbon Tetrachloride
Concen: 0.037 ppbv
RT: 7.08 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:117 Resp: 6141

Ion	Ratio	Lower	Upper
117	100		
119	73.6	77.2	115.8#
121	25.2	24.2	36.4

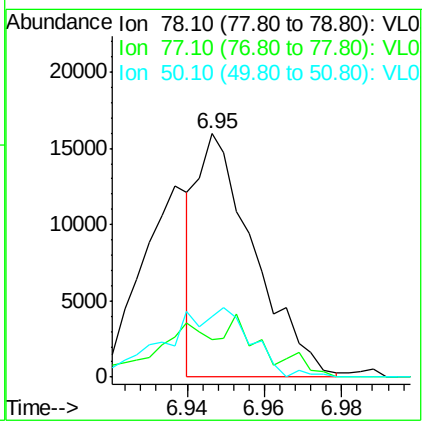


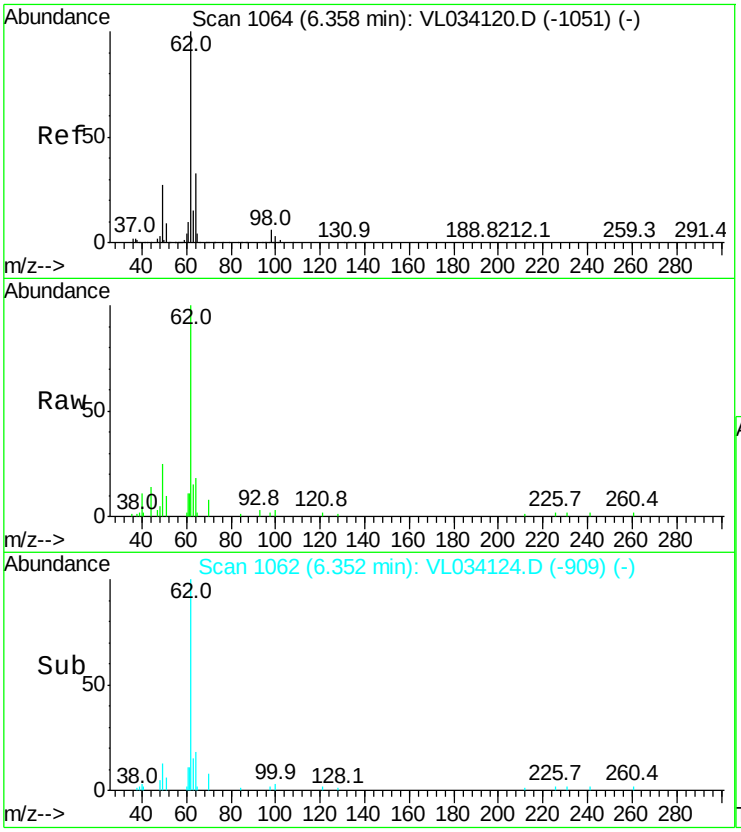


#36
Benzene
Concen: 0.066 ppbv
RT: 6.95 min Scan# 1247
Delta R.T. -0.00 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Tgt Ion: 78 Resp: 16222

Ion	Ratio	Lower	Upper
78	100		
77	15.9	20.3	30.5#
50	25.1	16.9	25.3



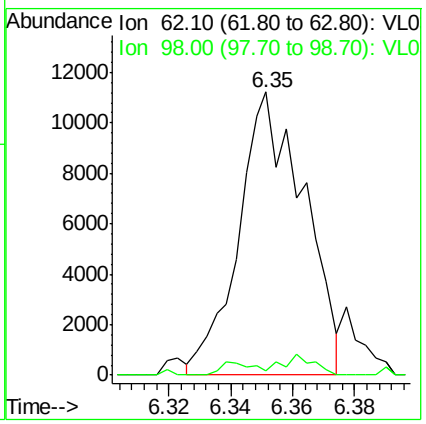


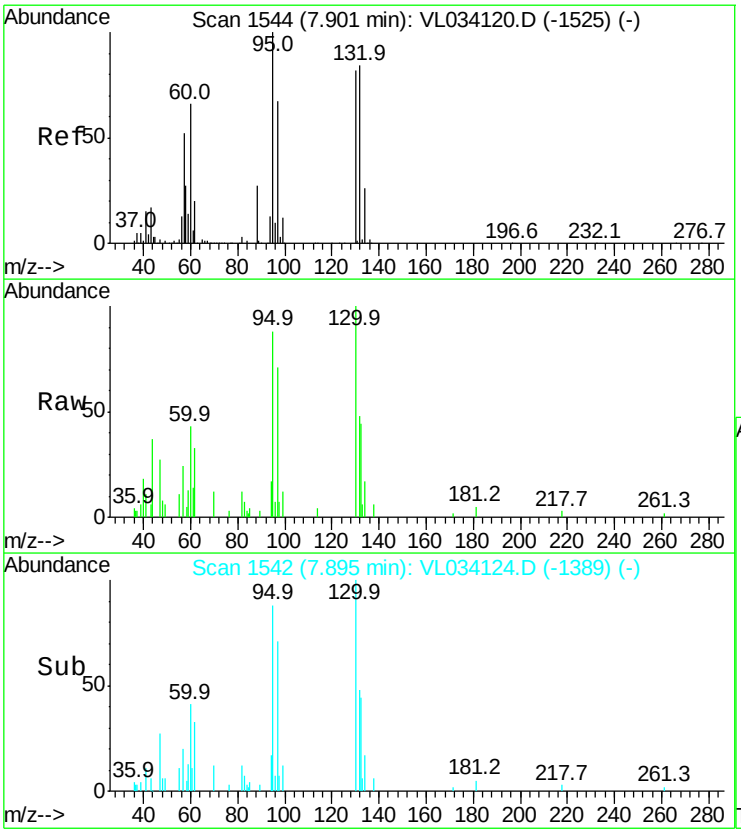
#37
1,2-Dichloroethane
Concen: 0.109 ppbv
RT: 6.35 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 62 Resp: 16431

Ion	Ratio	Lower	Upper
62	100		
98	6.2	4.4	6.6

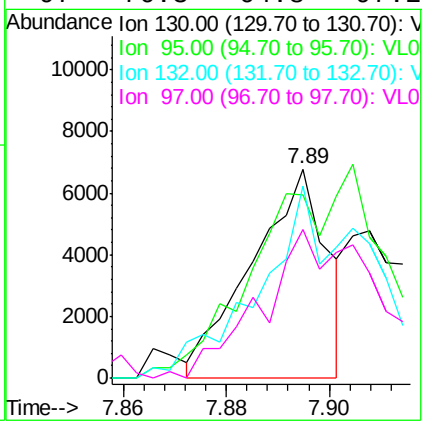


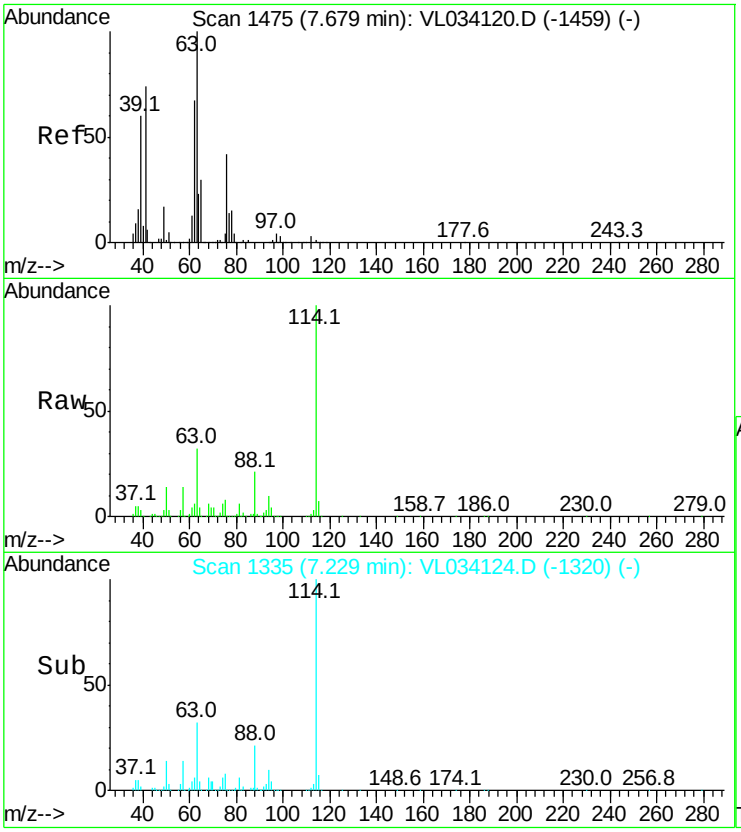


#38
Trichloroethene
Concen: 0.074 ppbv
RT: 7.89 min Scan# 1542
Delta R.T. -0.01 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Tgt Ion:130 Resp: 6783

Ion	Ratio	Lower	Upper
130	100		
95	82.4	97.2	145.8#
132	87.1	81.4	122.2
97	76.3	64.8	97.2



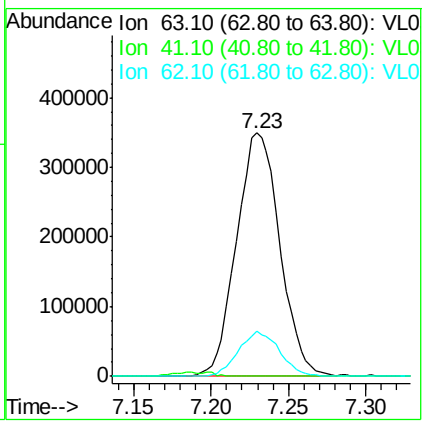


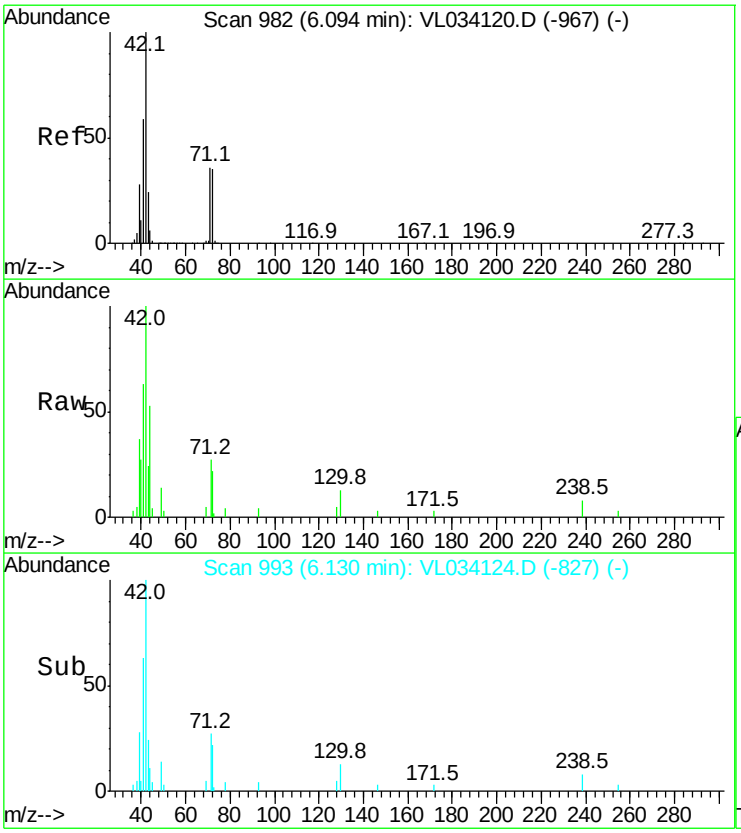
#39
1,2-Dichloropropane
Concen: 6.419 ppbv
RT: 7.23 min Scan# 1335
Delta R.T. -0.45 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 63 Resp: 677226

Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.3	88.9#
62	18.5	53.8	80.6#

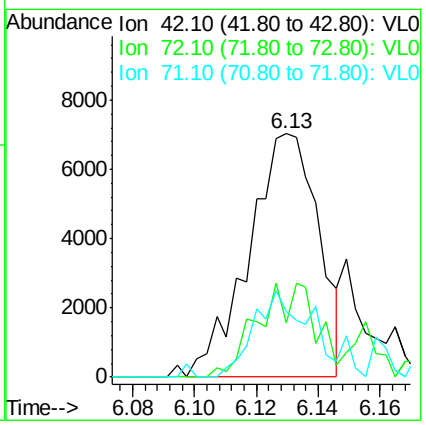


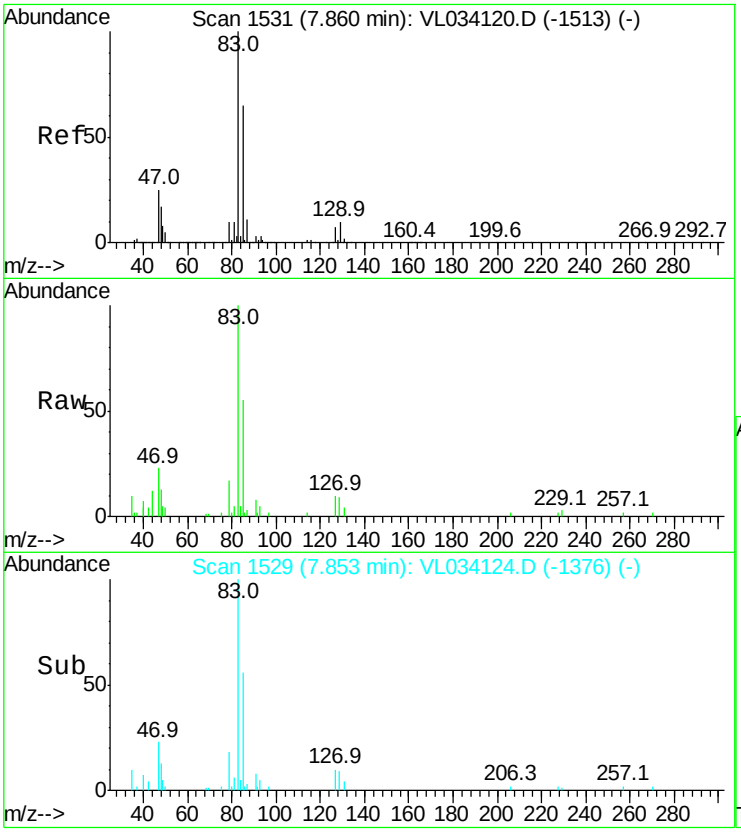


#41
Tetrahydrofuran
Concen: 0.089 ppbv
RT: 6.13 min Scan# 993
Delta R.T. 0.04 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Tgt Ion: 42 Resp: 11019

Ion	Ratio	Lower	Upper
42	100		
72	43.6	27.7	41.5#
71	31.3	26.7	40.1



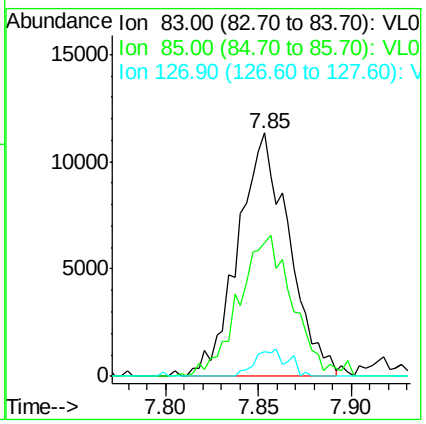


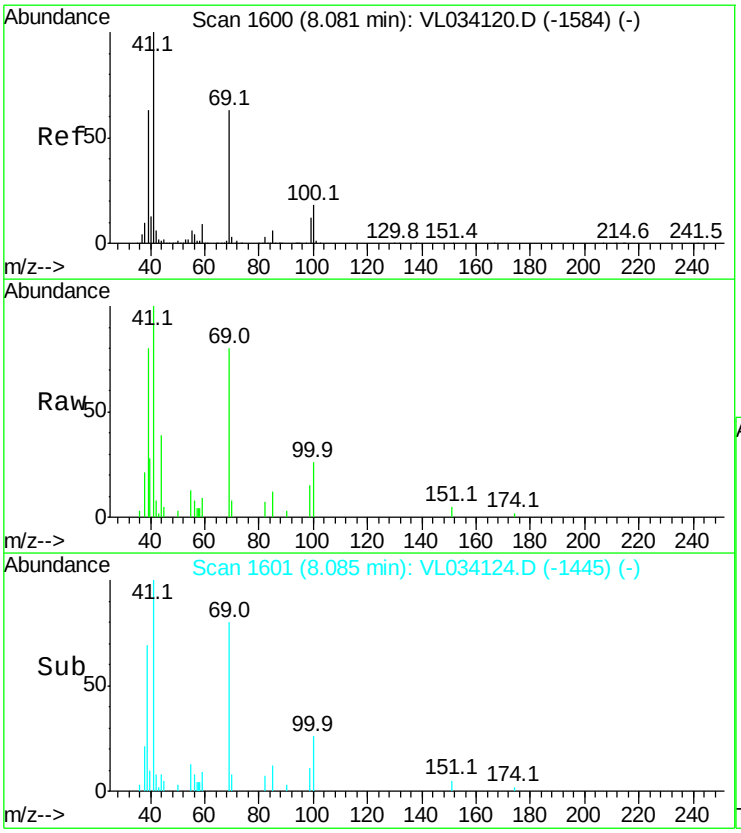
#42
Bromodichloromethane
Concen: 0.110 ppbv
RT: 7.85 min Scan# 1529
Delta R.T. -0.01 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 83 Resp: 21743

Ion	Ratio	Lower	Upper
83	100		
85	54.8	51.6	77.4
127	10.2	5.4	8.0#

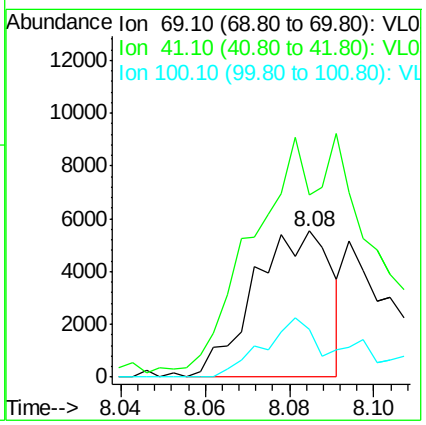


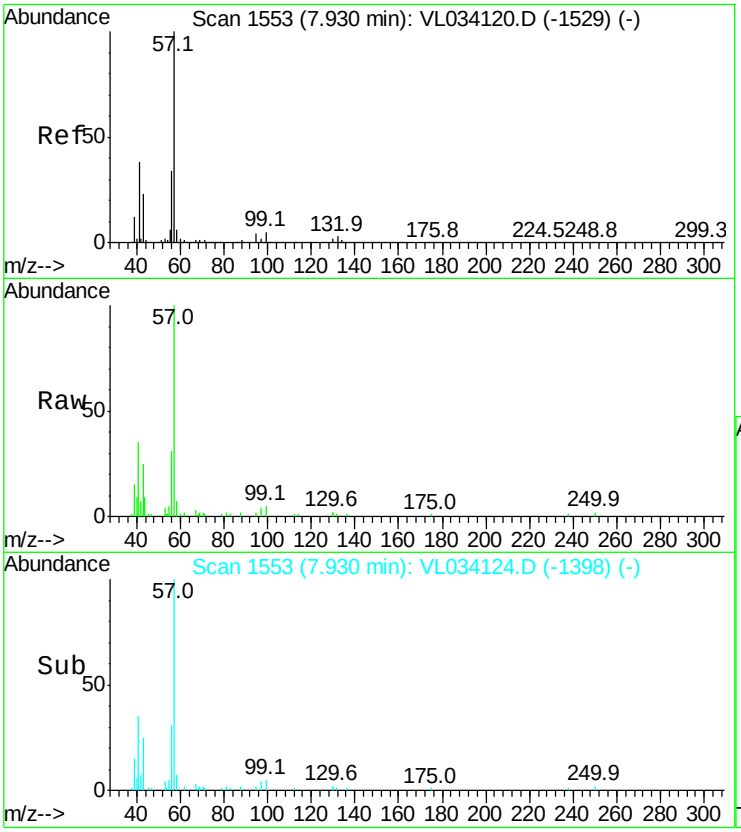


#43
Methyl Methacrylate
Concen: 0.069 ppbv
RT: 8.08 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Tgt Ion: 69 Resp: 7047

Ion	Ratio	Lower	Upper
69	100		
41	0.0	131.0	196.6#
100	43.9	22.6	33.8#



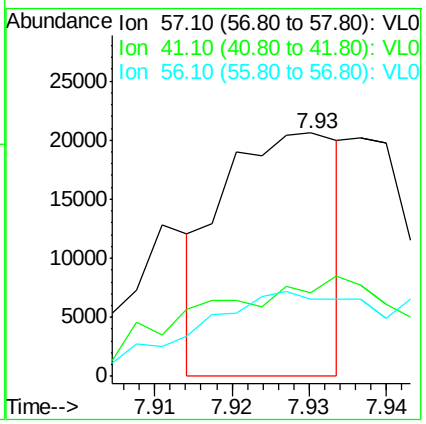


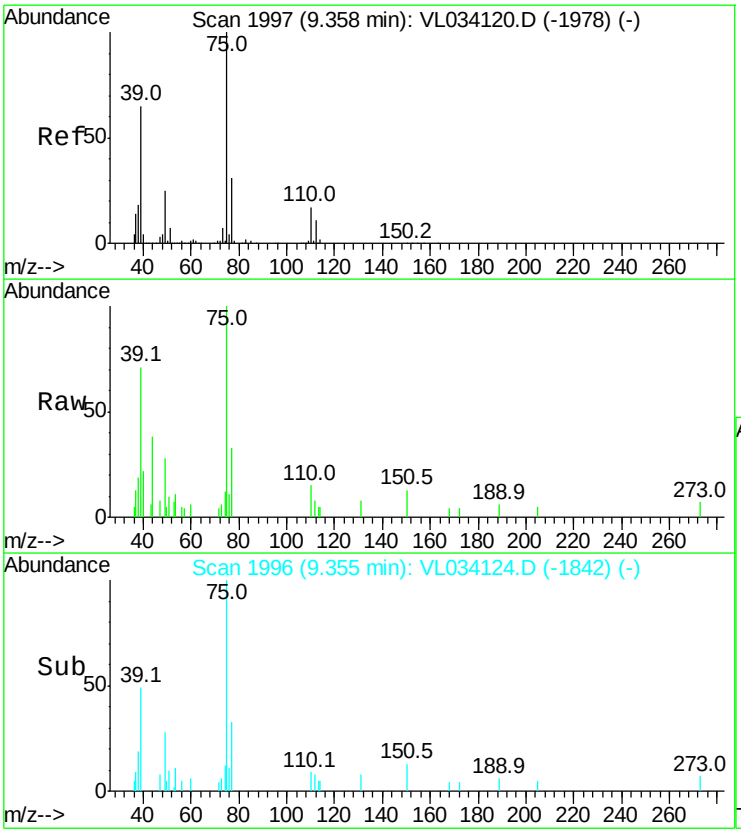
#44
2,2,4-Trimethylpentane
Concen: 0.047 ppbv
RT: 7.93 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 57 Resp: 21550

Ion	Ratio	Lower	Upper
57	100		
41	0.0	28.4	42.6#
56	75.3	26.3	39.5#

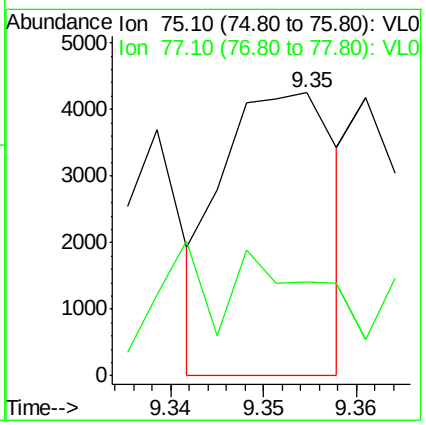


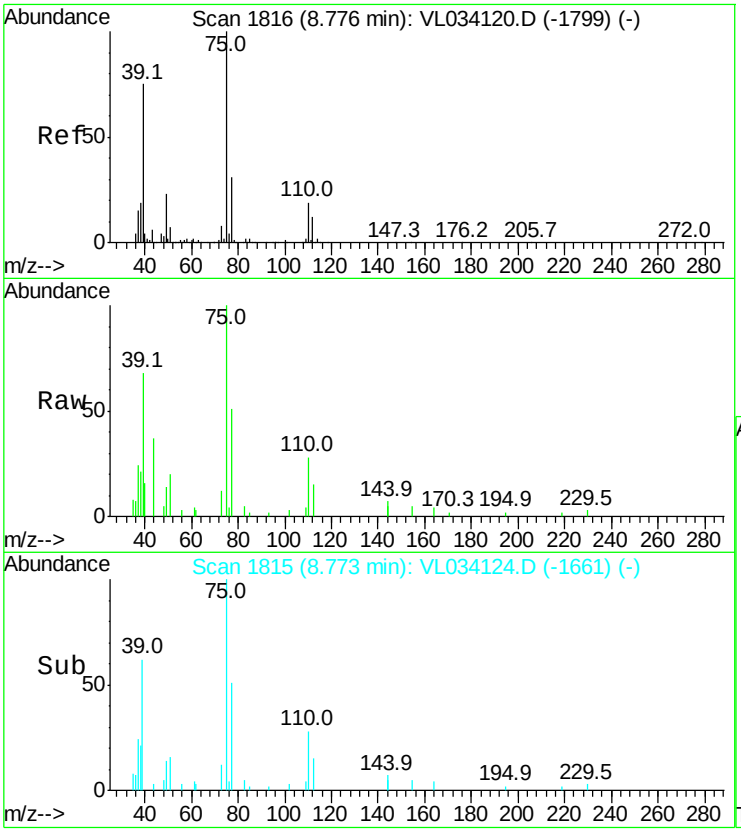


#45
t-1,3-Dichloropropene
Concen: 0.030 ppbv
RT: 9.35 min Scan# 1996
Delta R.T. -0.00 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Tgt Ion: 75 Resp: 3610

Ion	Ratio	Lower	Upper
75	100		
77	33.0	24.6	36.8



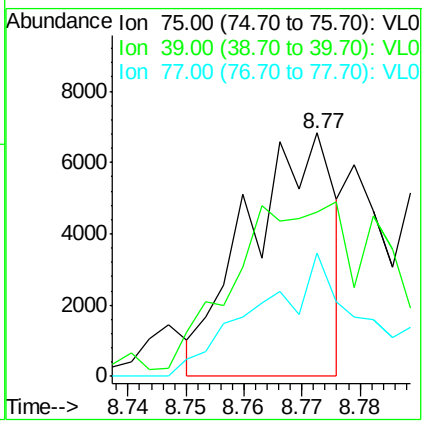


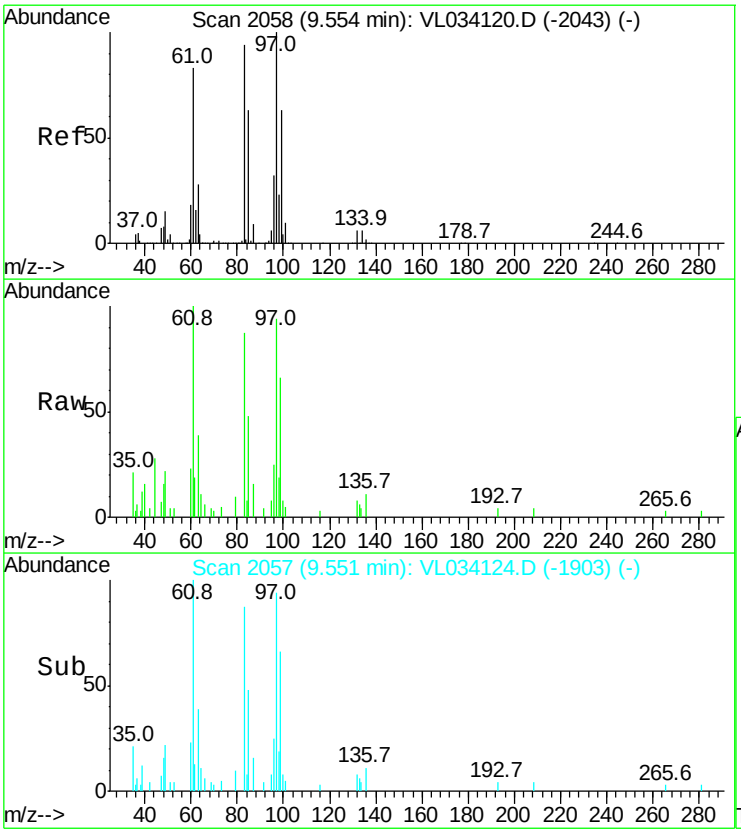
#46
cis-1,3-Dichloropropene
Concen: 0.048 ppbv
RT: 8.77 min Scan# 1815
Delta R.T. -0.00 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 75 Resp: 7001

Ion	Ratio	Lower	Upper
75	100		
39	58.1	60.0	90.0#
77	51.3	24.8	37.2#

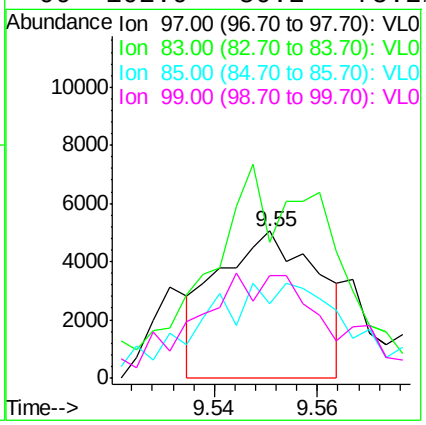


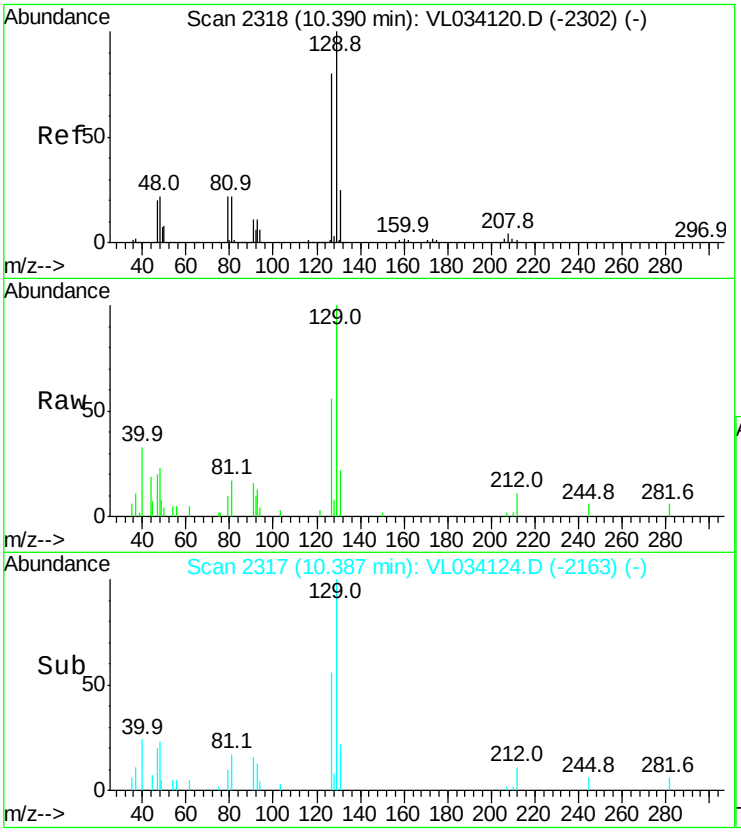


#47
1,1,2-Trichloroethane
Concen: 0.071 ppbv
RT: 9.55 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Tgt Ion: 97 Resp: 6829

Ion	Ratio	Lower	Upper
97	100		
83	81.3	74.9	112.3
85	65.1	50.6	75.8
99	102.9	50.2	75.2#



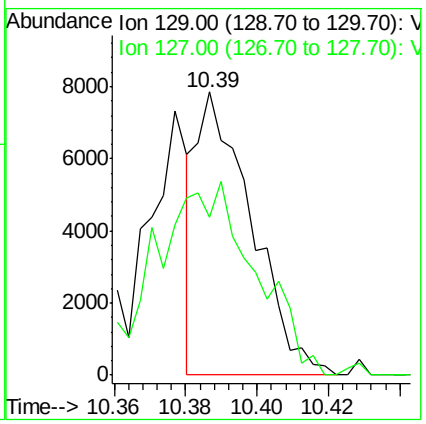


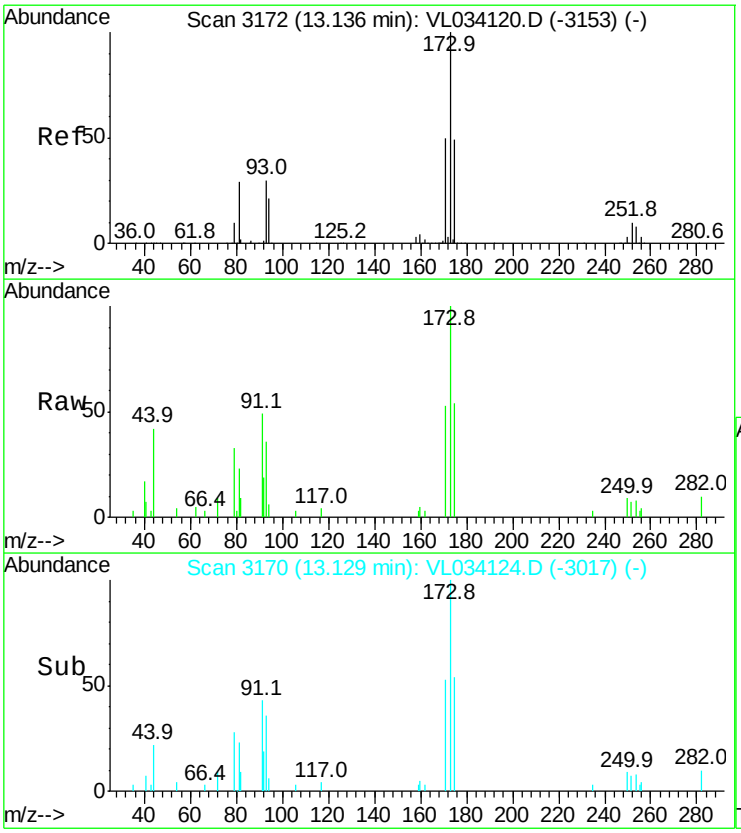
#48
Dibromochloromethane
Concen: 0.058 ppbv
RT: 10.39 min Scan# 2317
Delta R.T. -0.00 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:129 Resp: 8382

Ion	Ratio	Lower	Upper
129	100		
127	131.5	40.2	120.6#

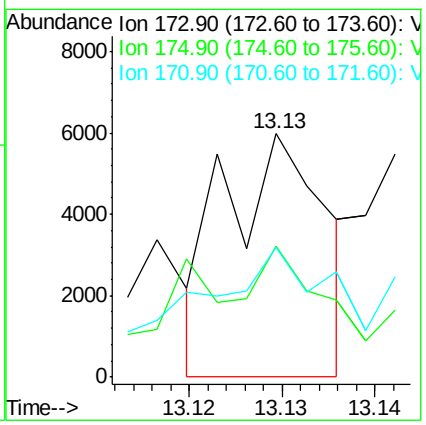


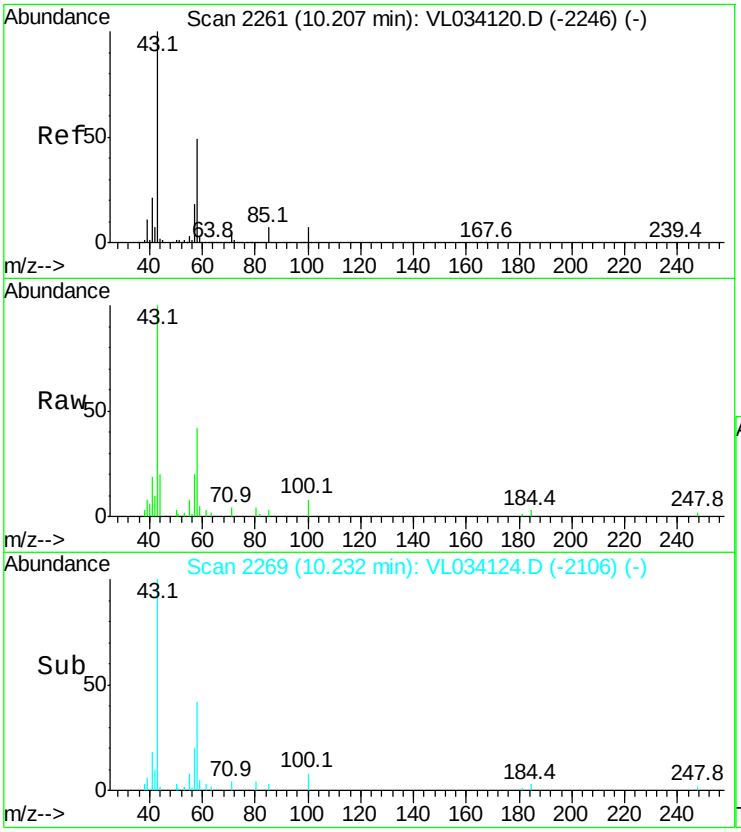


#49
Bromoform
Concen: 0.036 ppbv
RT: 13.13 min Scan# 3170
Delta R.T. -0.01 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Tgt Ion:173 Resp: 4474

Ion	Ratio	Lower	Upper
173	100		
175	123.0	40.0	60.0#
171	125.4	42.2	63.2#



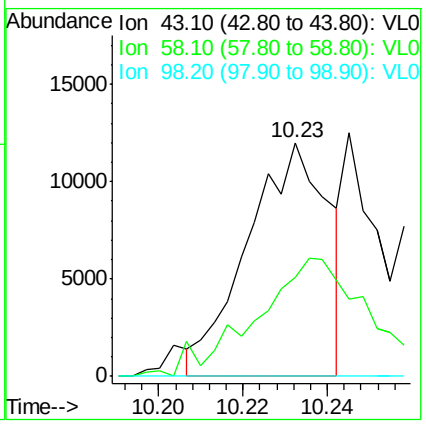


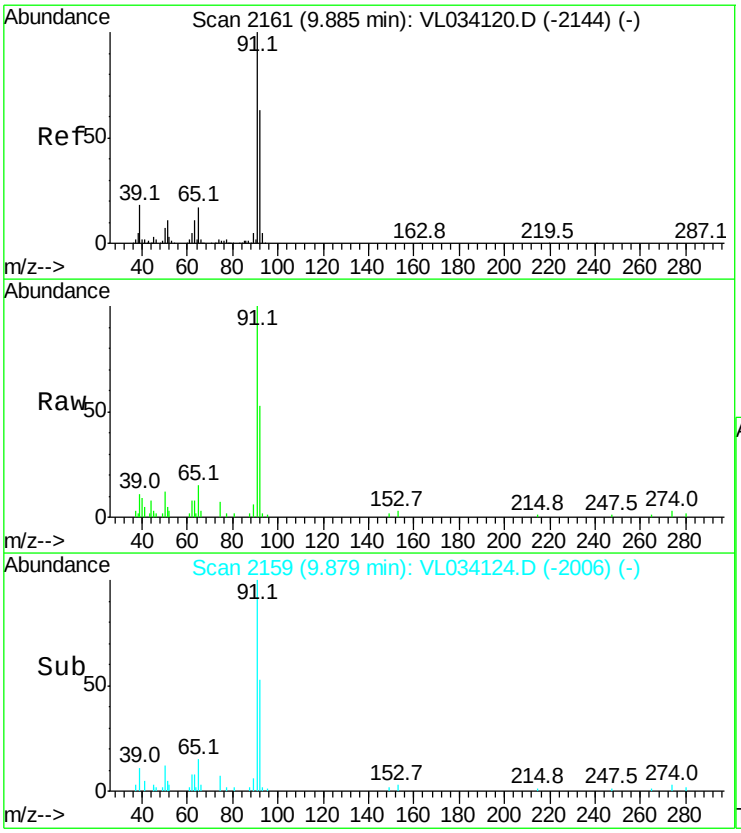
#51
2-Hexanone
Concen: 0.059 ppbv
RT: 10.23 min Scan# 2269
Delta R.T. 0.03 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 43 Resp: 15864

Ion	Ratio	Lower	Upper
43	100		
58	82.3	38.2	57.2#
98	0.0	0.1	0.1#

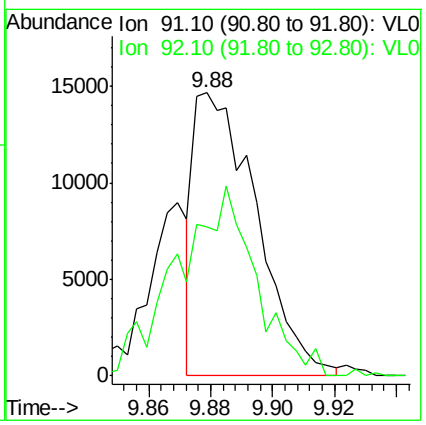


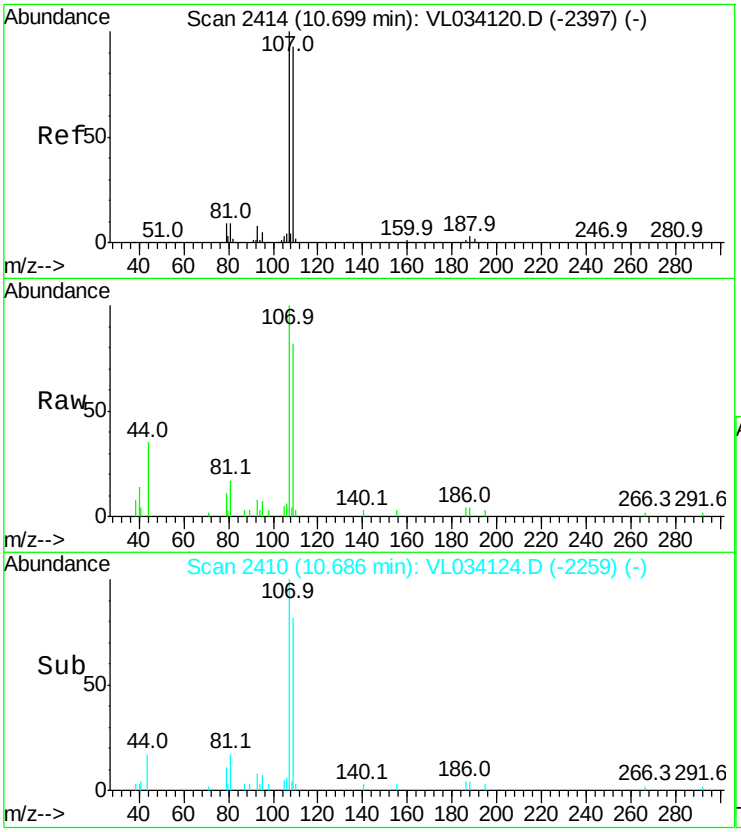


#53
Toluene
Concen: 0.075 ppbv
RT: 9.88 min Scan# 2159
Delta R.T. -0.01 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Tgt Ion: 91 Resp: 20476

Ion	Ratio	Lower	Upper
91	100		
92	87.7	49.3	73.9#



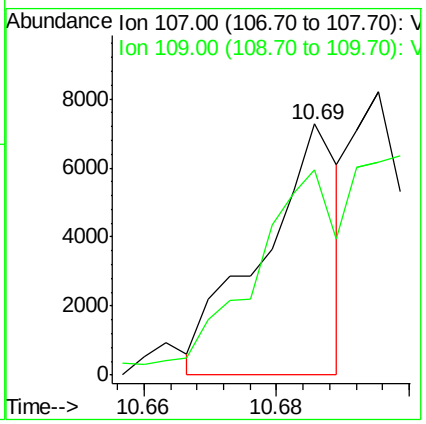


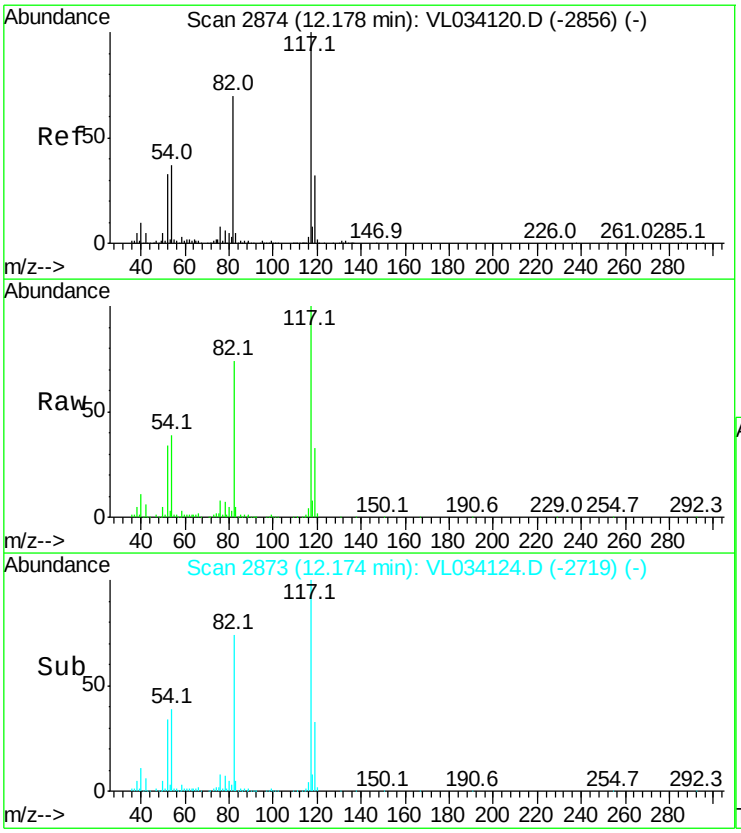
#54
1,2-Dibromoethane
Concen: 0.041 ppbv
RT: 10.69 min Scan# 2410
Delta R.T. -0.01 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:107 Resp: 5848

Ion	Ratio	Lower	Upper
107	100		
109	82.0	74.5	111.7

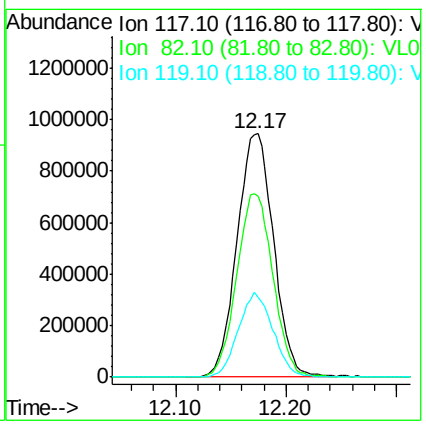


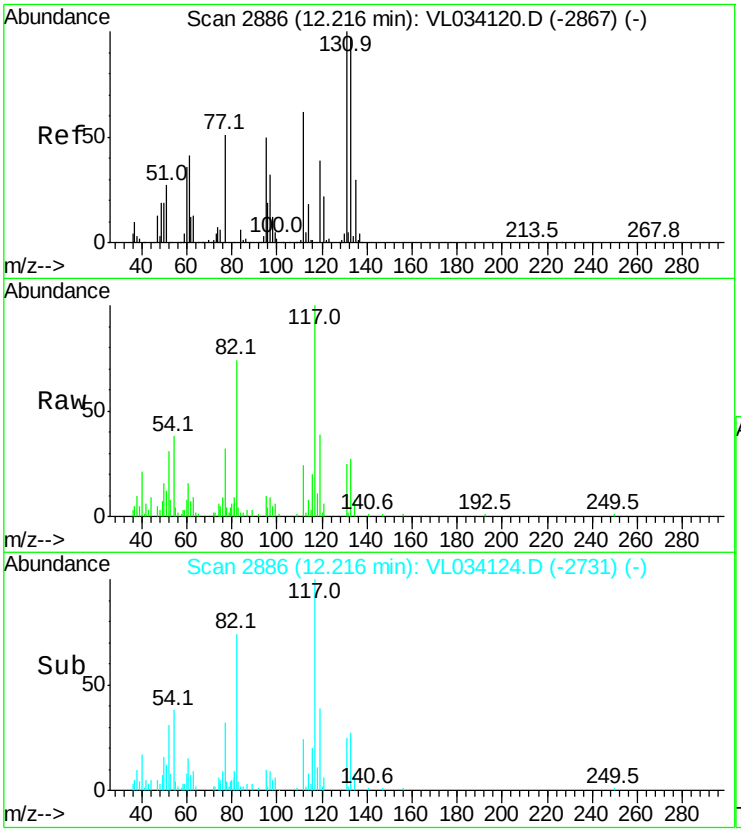


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.17 min Scan# 2873
Delta R.T. -0.00 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Tgt Ion:117 Resp: 2170923

Ion	Ratio	Lower	Upper
117	100		
82	75.1	55.8	83.6
119	33.3	43.1	64.7#



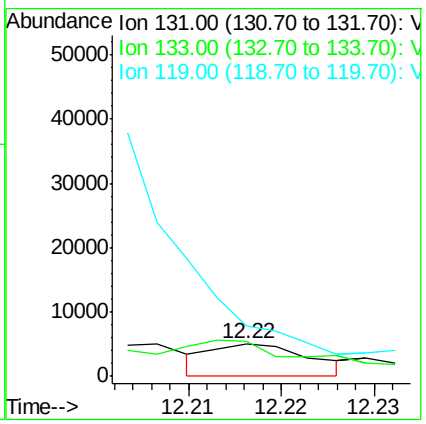


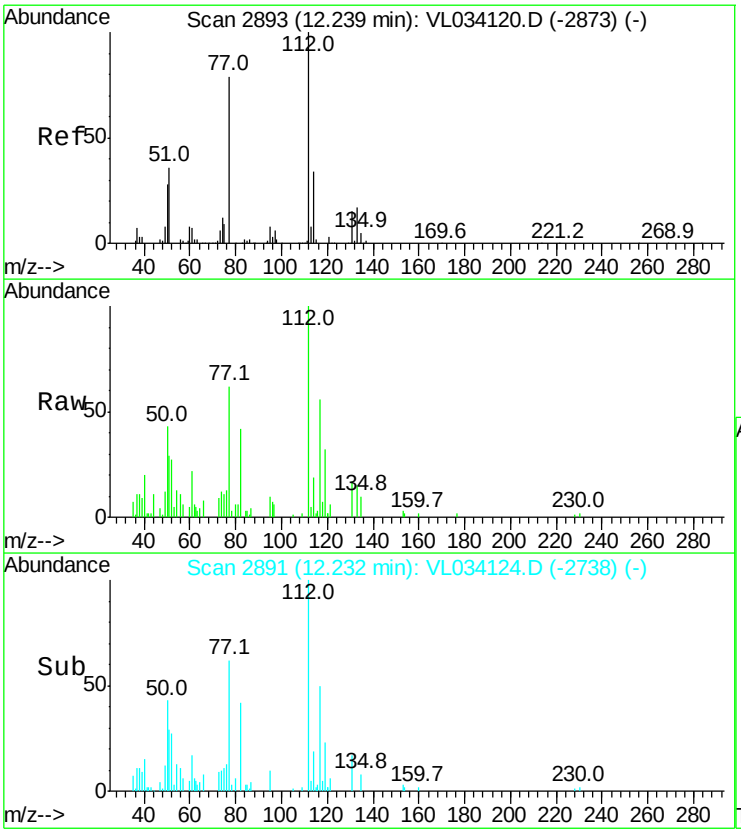
#56
1,1,1,2-Tetrachloroethane
Concen: 0.040 ppbv
RT: 12.22 min Scan# 2886
Delta R.T. -0.00 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:131 Resp: 3734

Ion	Ratio	Lower	Upper
131	100		
133	254.0	75.8	113.6#
119	0.0	114.7	172.1#

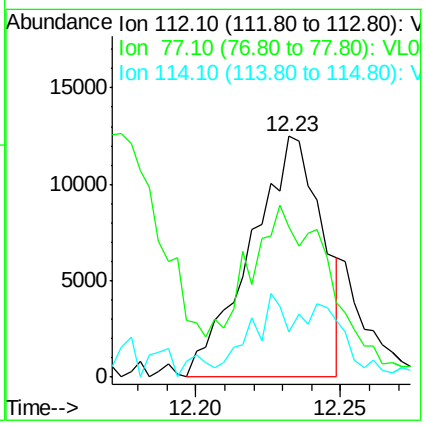


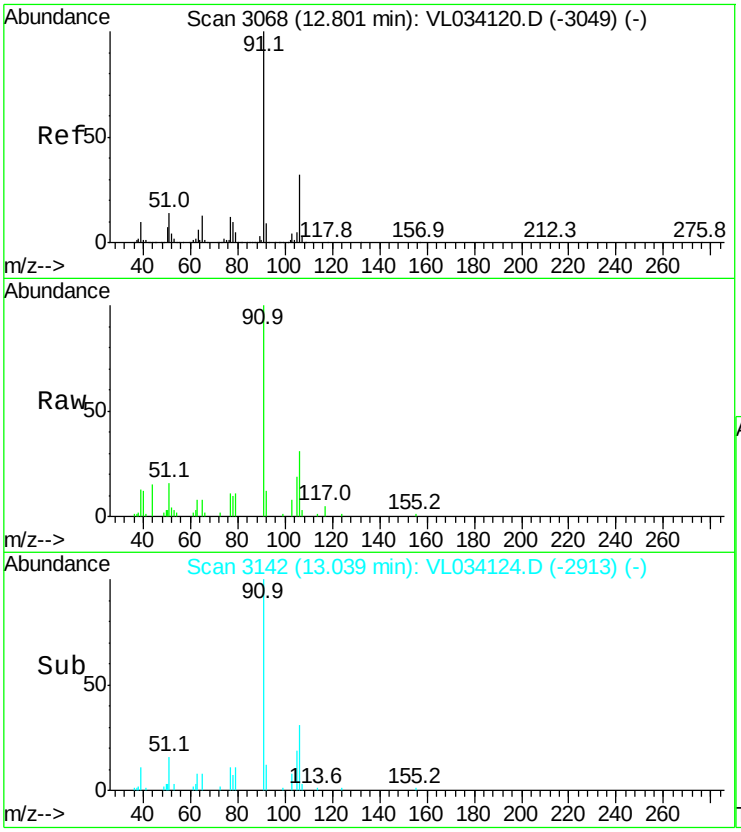


#57
Chlorobenzene
Concen: 0.114 ppbv
RT: 12.23 min Scan# 2891
Delta R.T. -0.01 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Tgt Ion:112 Resp: 21244

Ion	Ratio	Lower	Upper
112	100		
77	38.8	64.4	96.6#
114	12.3	30.3	37.1#



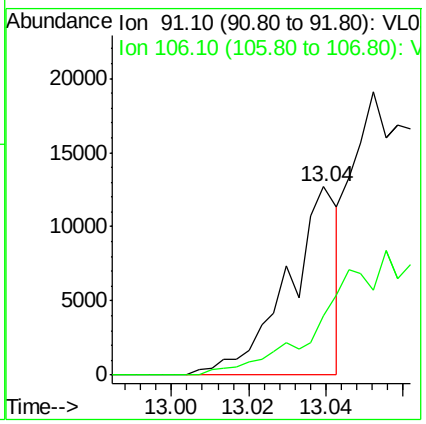


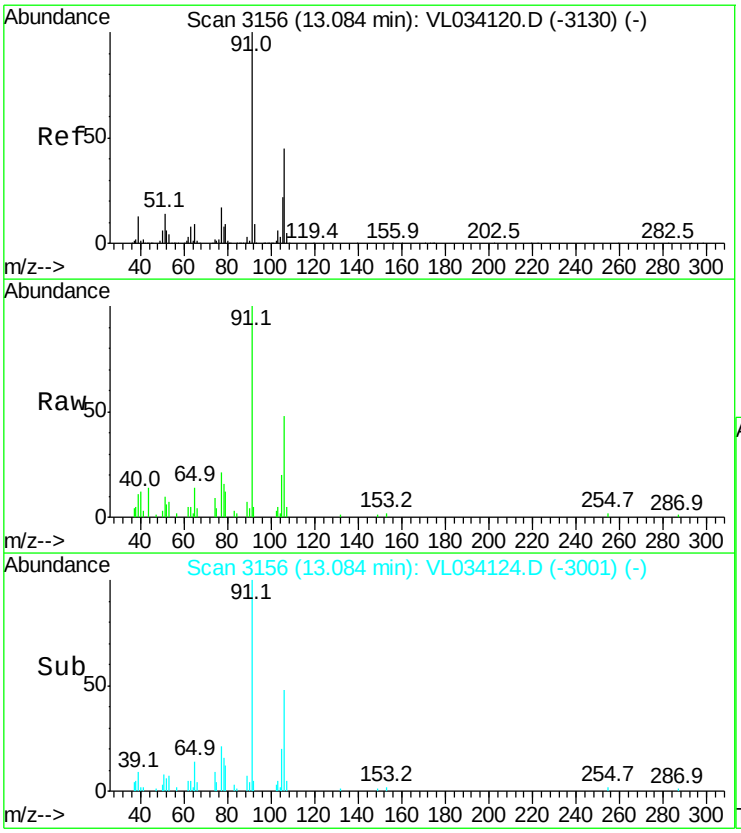
#58
Ethyl Benzene
Concen: 0.032 ppbv
RT: 13.04 min Scan# 3142
Delta R.T. 0.24 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 91 Resp: 11509

Ion	Ratio	Lower	Upper
91	100		
106	31.5	25.3	37.9

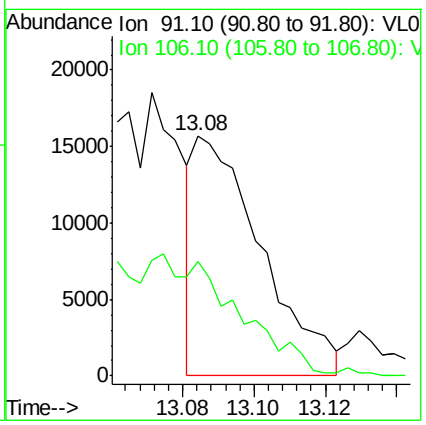


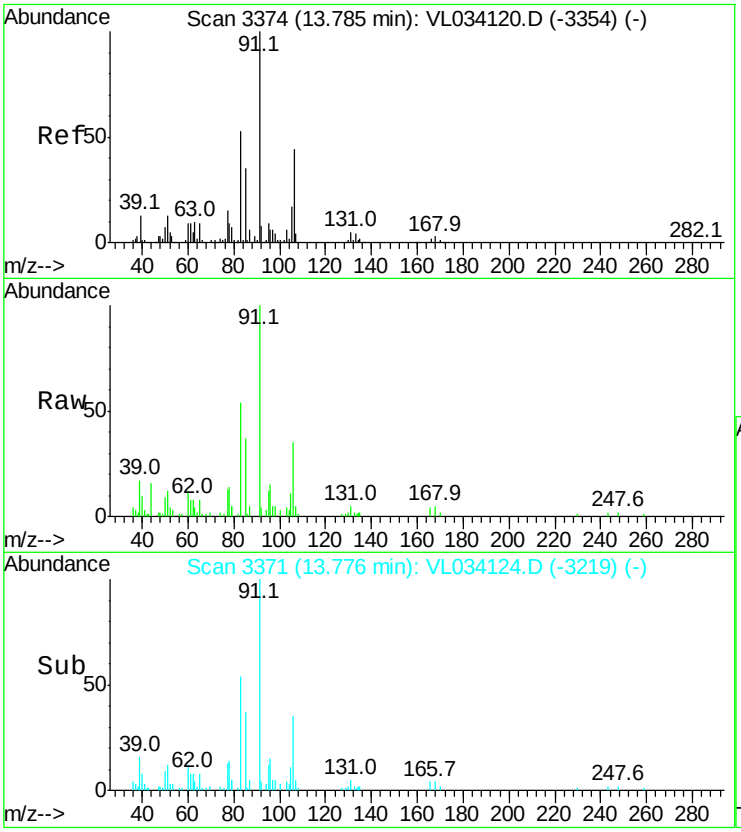


#59
m/p-Xylene
Concen: 0.071 ppbv
RT: 13.08 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Tgt Ion: 91 Resp: 20460

Ion	Ratio	Lower	Upper
91	100		
106	0.0	35.4	53.2#



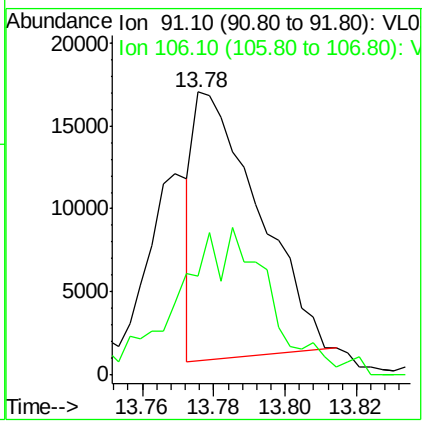


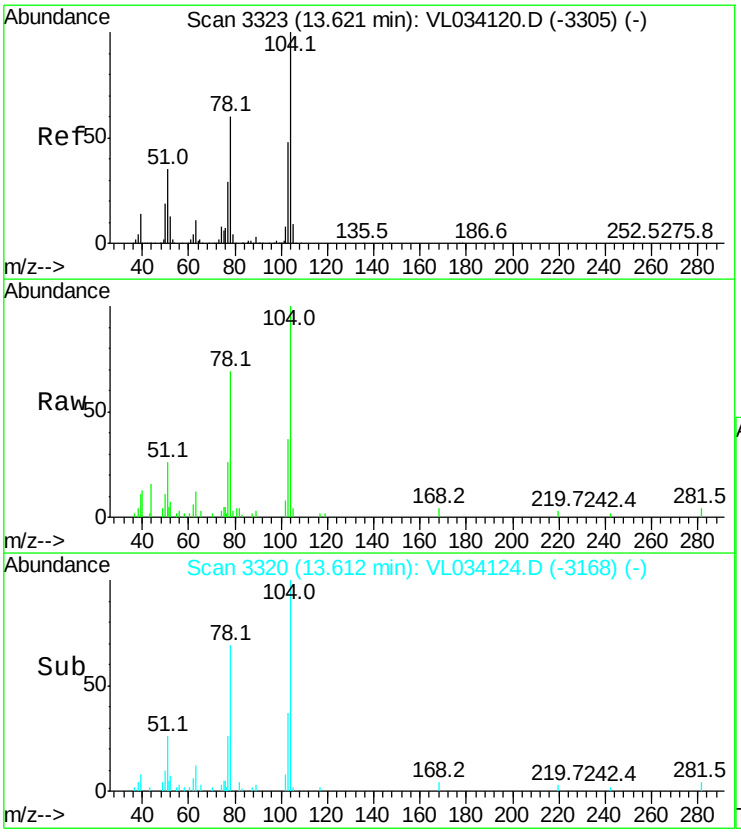
#60
o-Xylene
Concen: 0.070 ppbv
RT: 13.78 min Scan# 3371
Delta R.T. -0.01 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 91 Resp: 20160

Ion	Ratio	Lower	Upper
91	100		
106	81.3	21.4	64.3#

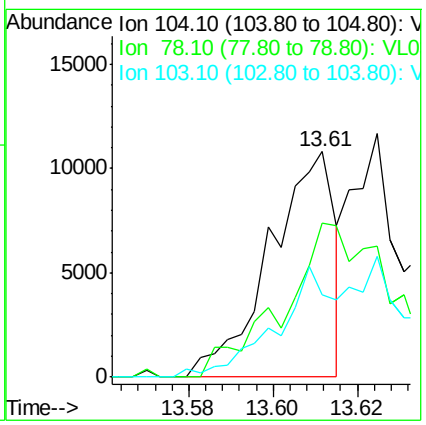


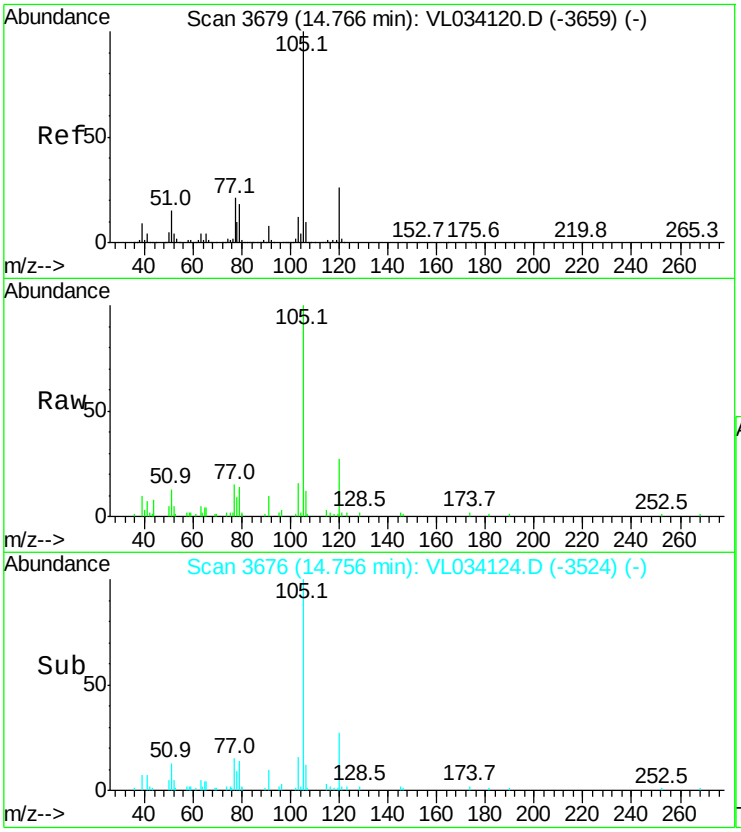


#61
Styrene
Concen: 0.053 ppbv
RT: 13.61 min Scan# 3320
Delta R.T. -0.01 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Tgt Ion:104 Resp: 11500

Ion	Ratio	Lower	Upper
104	100		
78	122.6	47.8	71.6#
103	0.0	38.7	58.1#



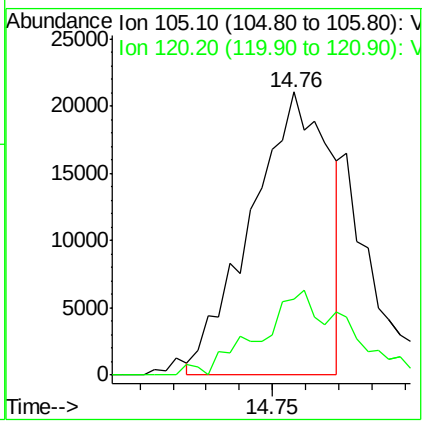


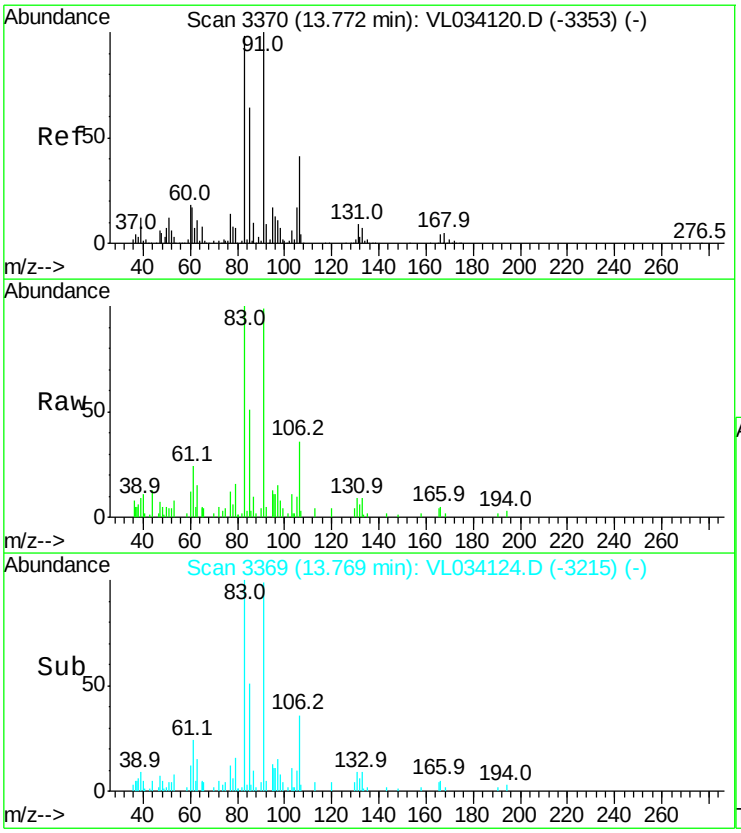
#62
Isopropylbenzene
Concen: 0.091 ppbv
RT: 14.76 min Scan# 3676
Delta R.T. -0.01 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:105 Resp: 34348

Ion	Ratio	Lower	Upper
105	100		
120	34.1	20.6	31.0#

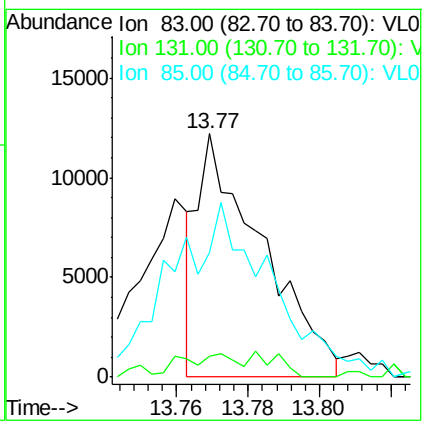


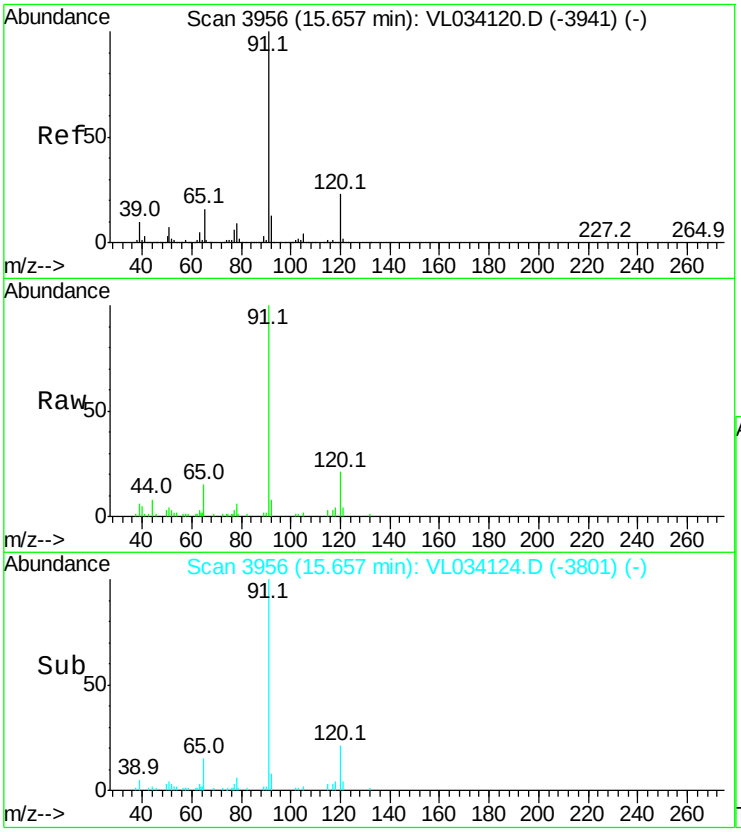


#63
1,1,2,2-Tetrachloroethane
Concen: 0.064 ppbv
RT: 13.77 min Scan# 3369
Delta R.T. -0.00 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Tgt Ion: 83 Resp: 15109

Ion	Ratio	Lower	Upper
83	100		
131	15.9	4.3	12.8#
85	118.2	32.5	97.5#



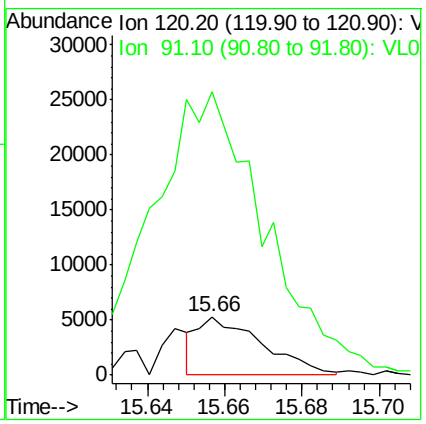


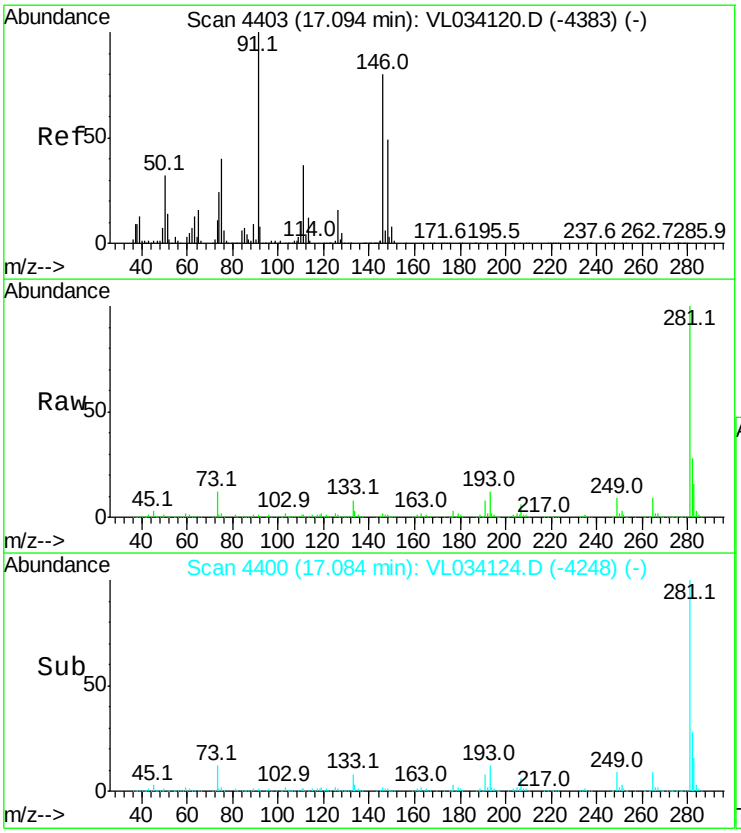
#64
n-propylbenzene
Concen: 0.064 ppbv
RT: 15.66 min Scan# 3956
Delta R.T. -0.00 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:120 Resp: 6127

Ion	Ratio	Lower	Upper
120	100		
91	914.7	376.8	565.2#

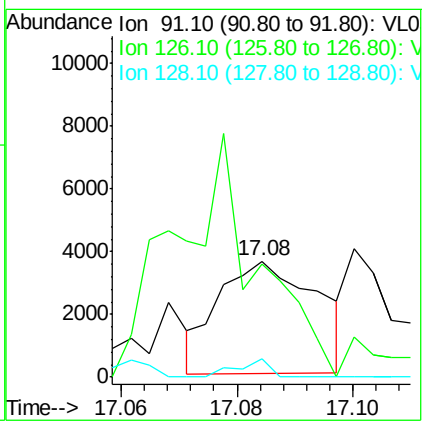


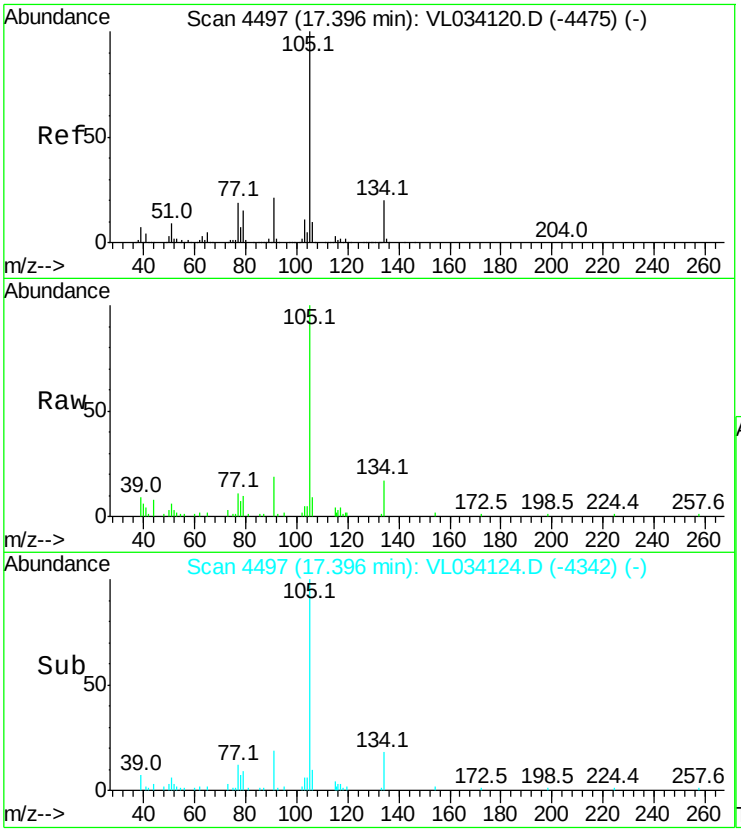


#66
Benzyl Chloride
Concen: 0.035 ppbv
RT: 17.08 min Scan# 4400
Delta R.T. -0.01 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Tgt Ion: 91 Resp: 4220

Ion	Ratio	Lower	Upper
91	100		
126	202.0	13.7	20.5#
128	12.6	4.2	6.4#



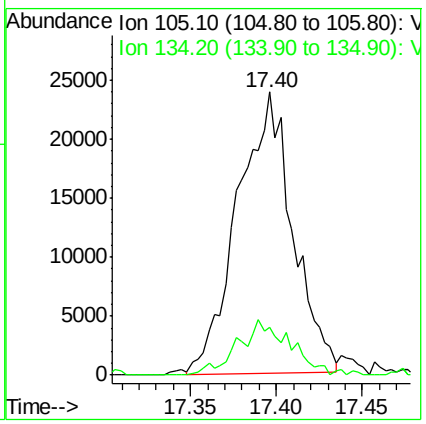


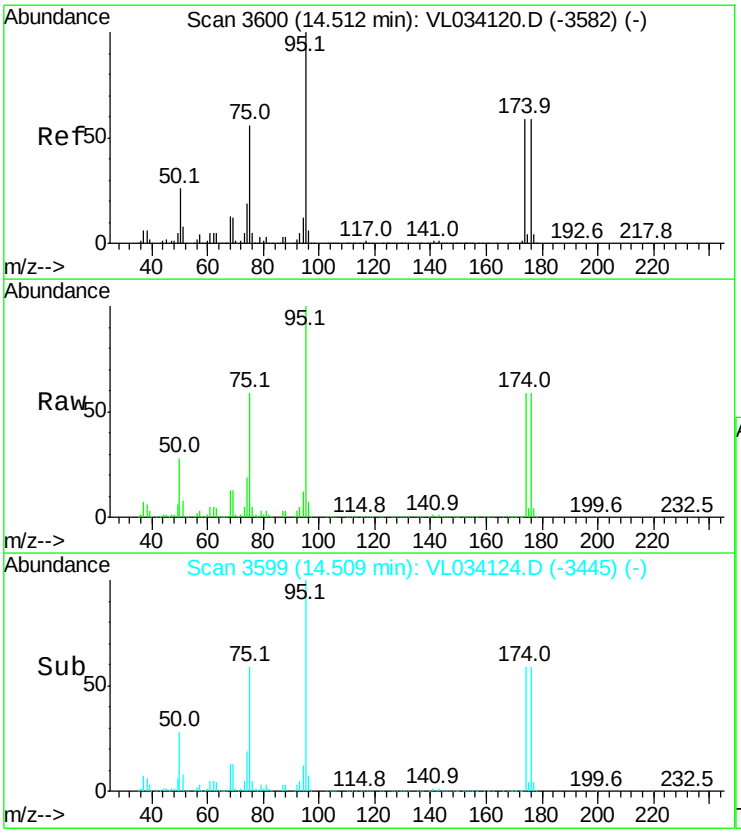
#67
sec-Butylbenzene
Concen: 0.115 ppbv
RT: 17.40 min Scan# 4497
Delta R.T. -0.00 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:105 Resp: 53492

Ion	Ratio	Lower	Upper
105	100		
134	18.6	15.0	22.4

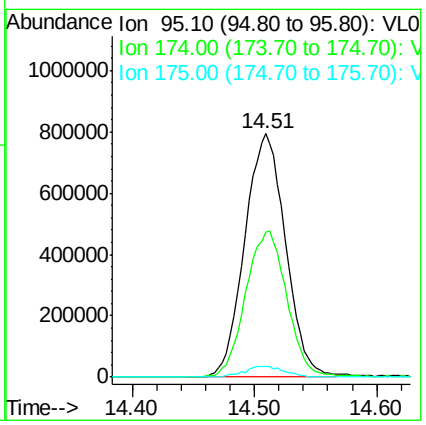


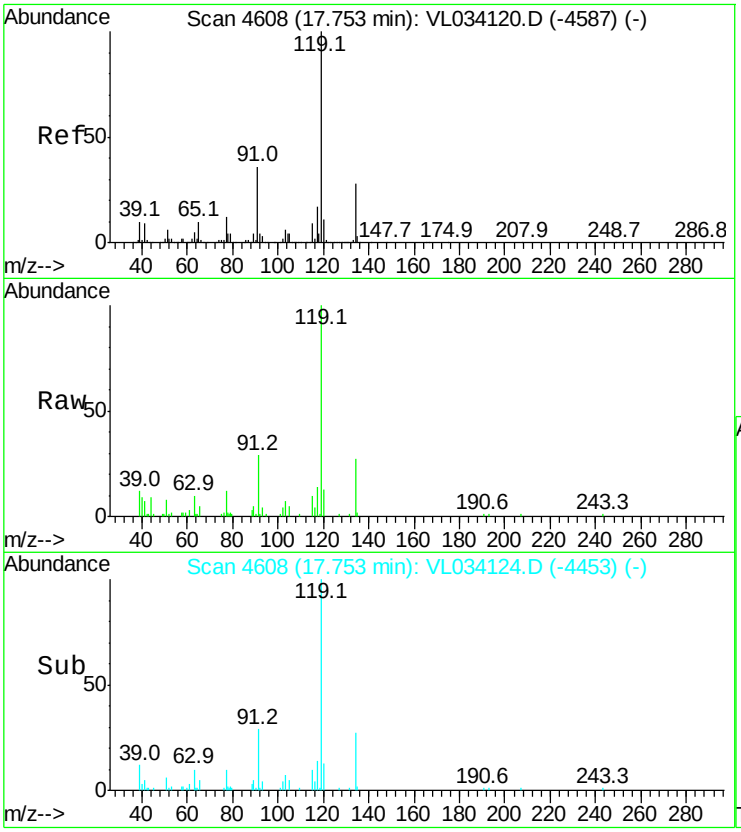


#68
1-Bromo-4-Fluorobenzene
Concen: 10.331 ppbv
RT: 14.51 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Tgt Ion: 95 Resp: 1833495

Ion	Ratio	Lower	Upper
95	100		
174	60.8	48.1	72.1
175	4.4	3.5	5.3



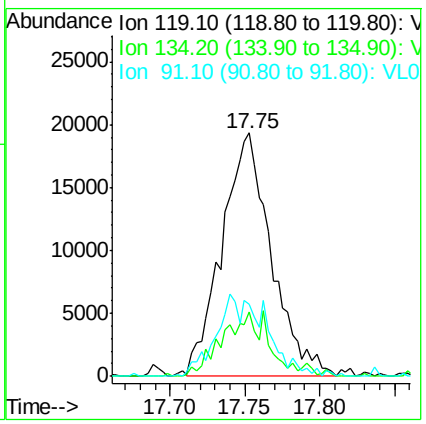


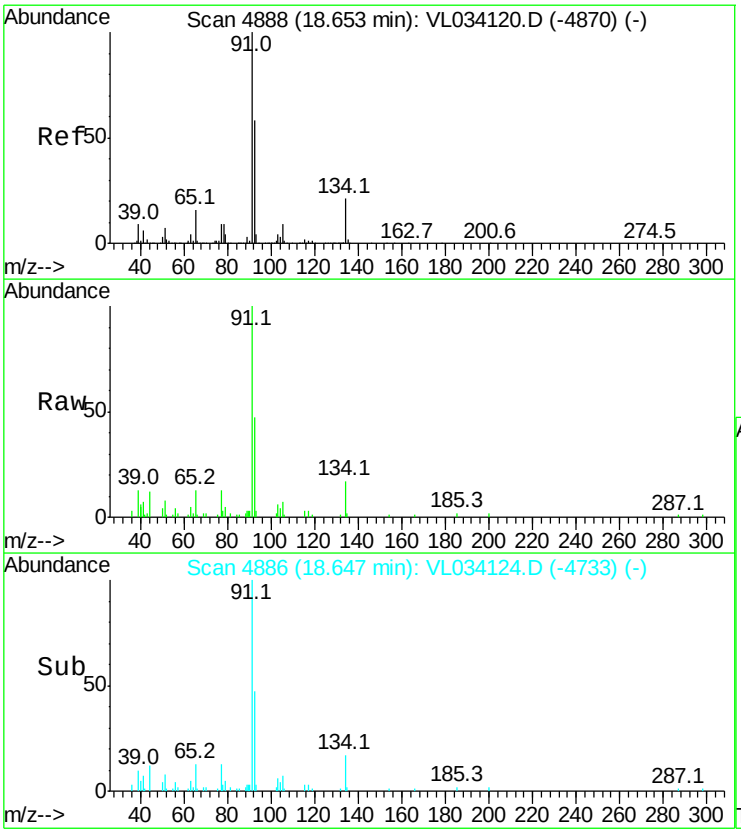
#69
p-Isopropyltoluene
Concen: 0.119 ppbv
RT: 17.75 min Scan# 4608
Delta R.T. -0.00 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion:119 Resp: 44494

Ion	Ratio	Lower	Upper
119	100		
134	26.0	20.8	31.2
91	34.6	27.2	40.8

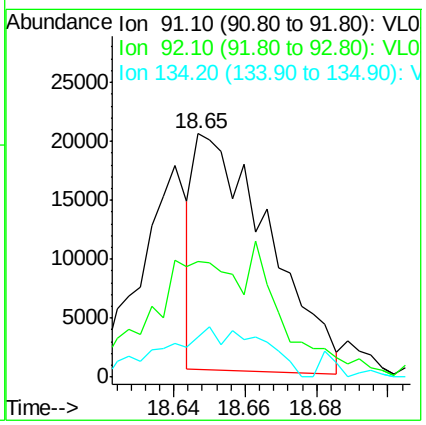


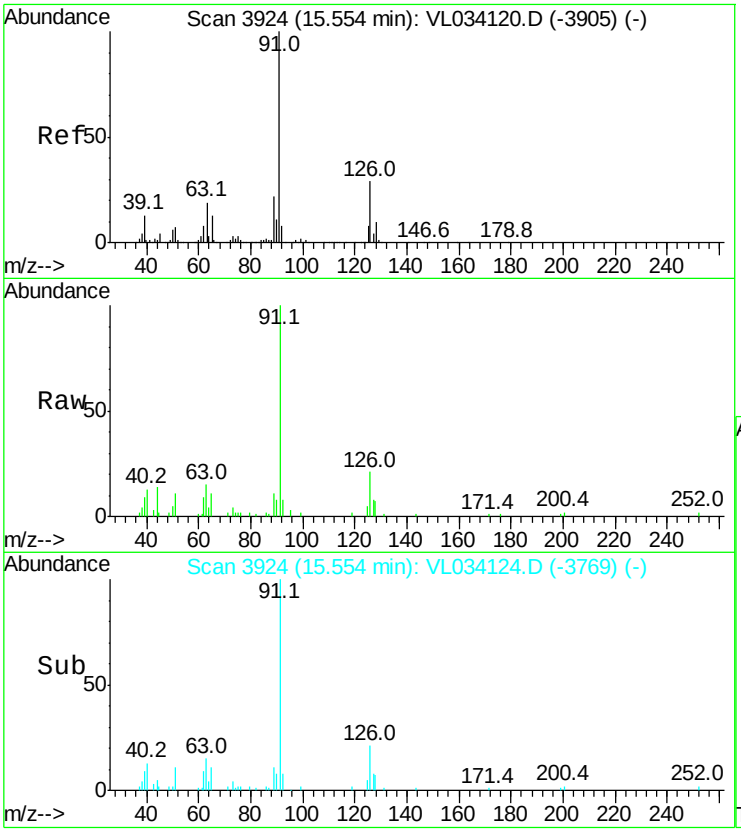


#70
n-Butylbenzene
Concen: 0.068 ppbv
RT: 18.65 min Scan# 4886
Delta R.T. -0.01 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Tgt Ion: 91 Resp: 28782

Ion	Ratio	Lower	Upper
91	100		
92	91.3	45.3	67.9#
134	31.3	17.4	26.0#



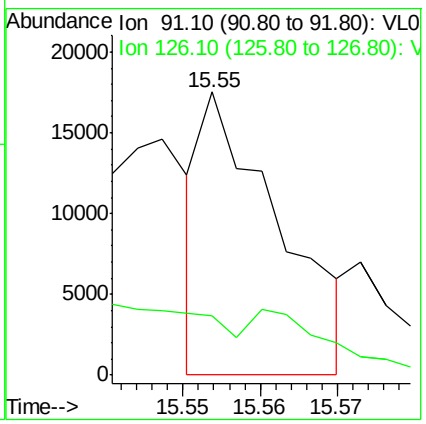


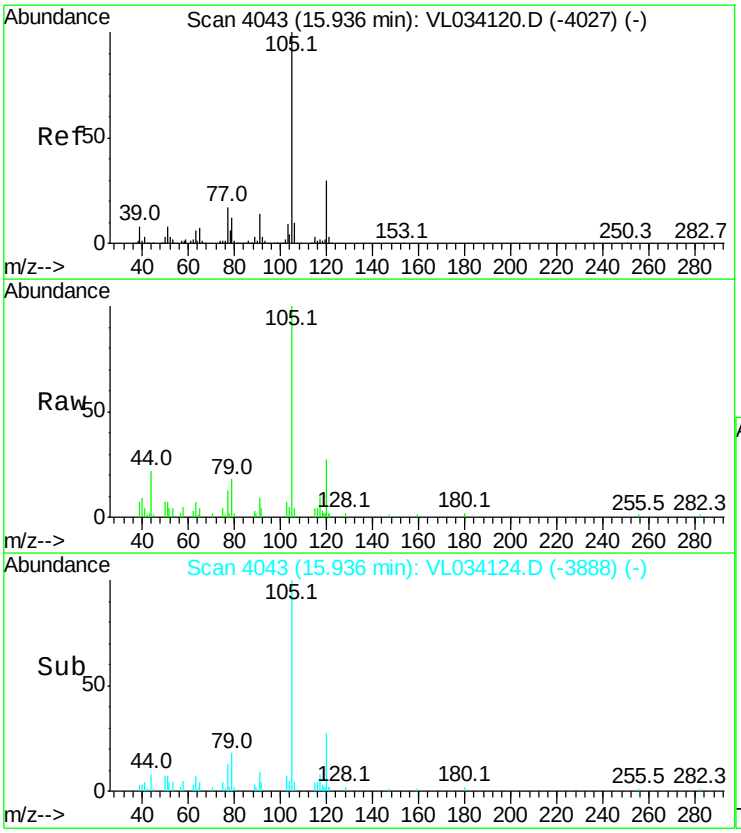
#71
2-Chlorotoluene
Concen: 0.040 ppbv
RT: 15.55 min Scan# 3924
Delta R.T. -0.00 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 91 Resp: 12327

Ion	Ratio	Lower	Upper
91	100		
126	0.0	11.4	45.4#

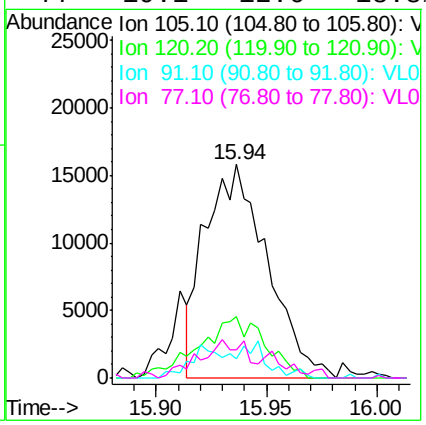


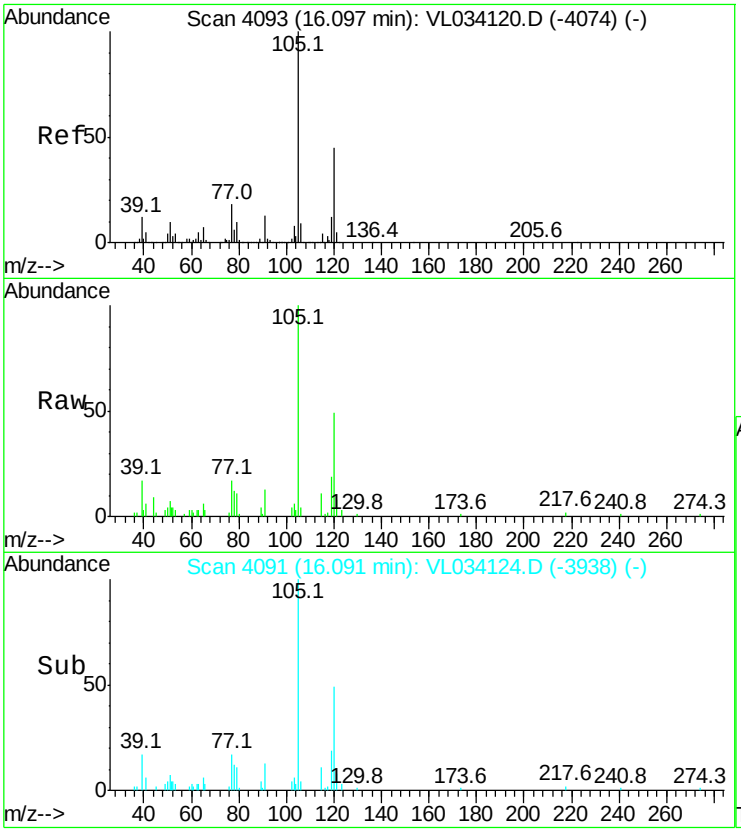


#72
4-Ethyltoluene
Concen: 0.094 ppbv
RT: 15.94 min Scan# 4043
Delta R.T. -0.00 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Tgt Ion:105 Resp: 30754

Ion	Ratio	Lower	Upper
105	100		
120	31.0	23.8	35.6
91	16.1	11.4	17.0
77	19.1	12.6	18.8#



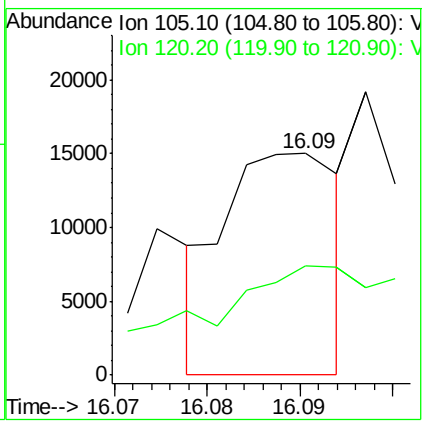


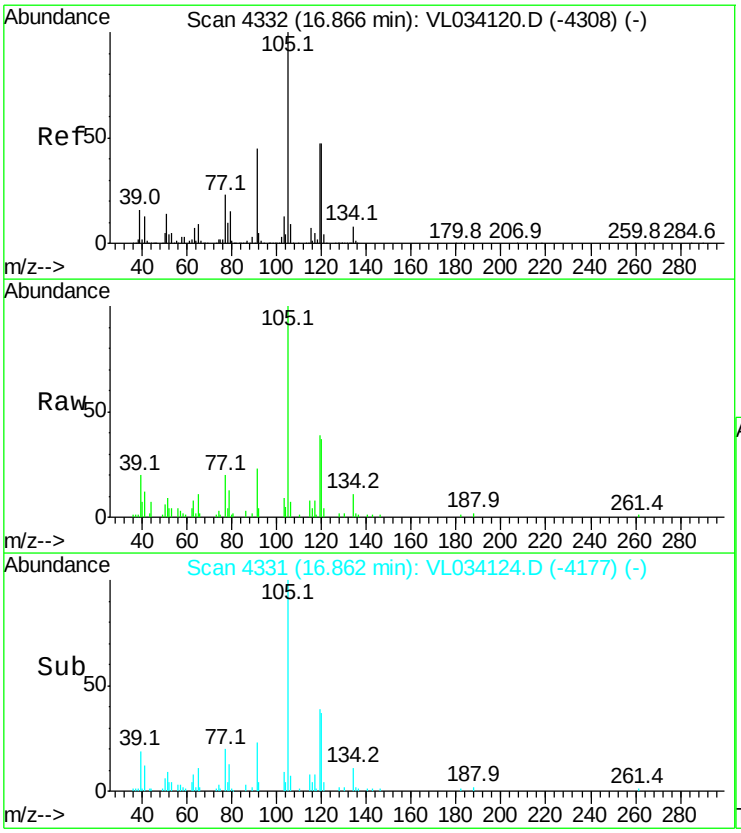
#73
1,3,5-Trimethylbenzene
Concen: 0.041 ppbv
RT: 16.09 min Scan# 4091
Delta R.T. -0.01 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:105 Resp: 12881

Ion	Ratio	Lower	Upper
105	100		
120	47.9	35.8	53.8

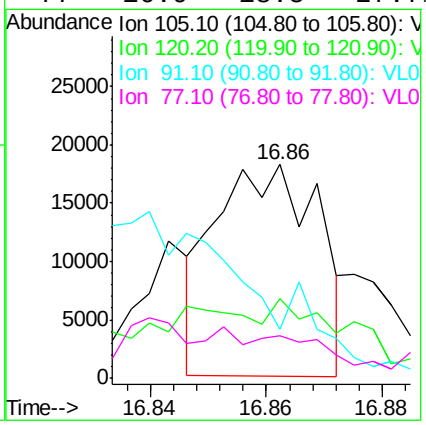


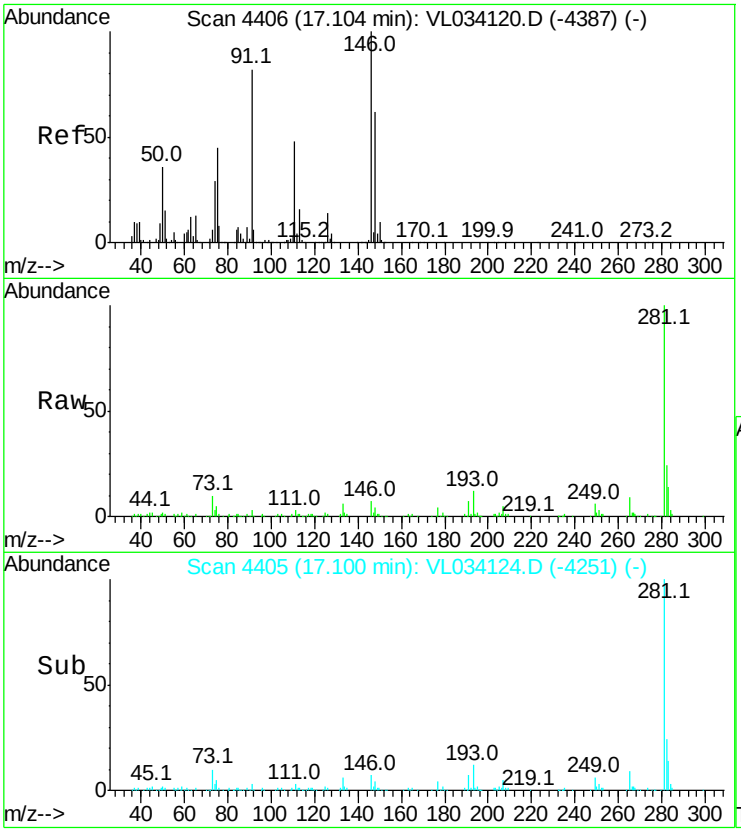


#74
1,2,4-Trimethylbenzene
Concen: 0.068 ppbv
RT: 16.86 min Scan# 4331
Delta R.T. -0.00 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Tgt Ion:105 Resp: 22293

Ion	Ratio	Lower	Upper
105	100		
120	31.7	37.7	56.5#
91	7.8	36.2	54.2#
77	16.9	18.5	27.7#



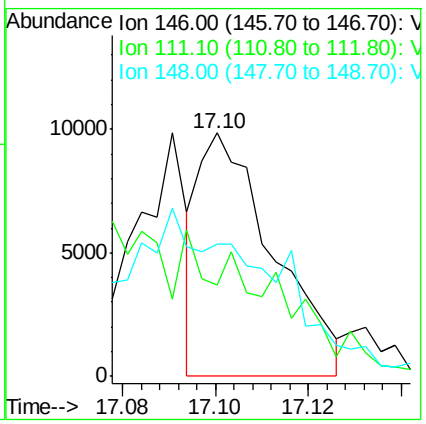


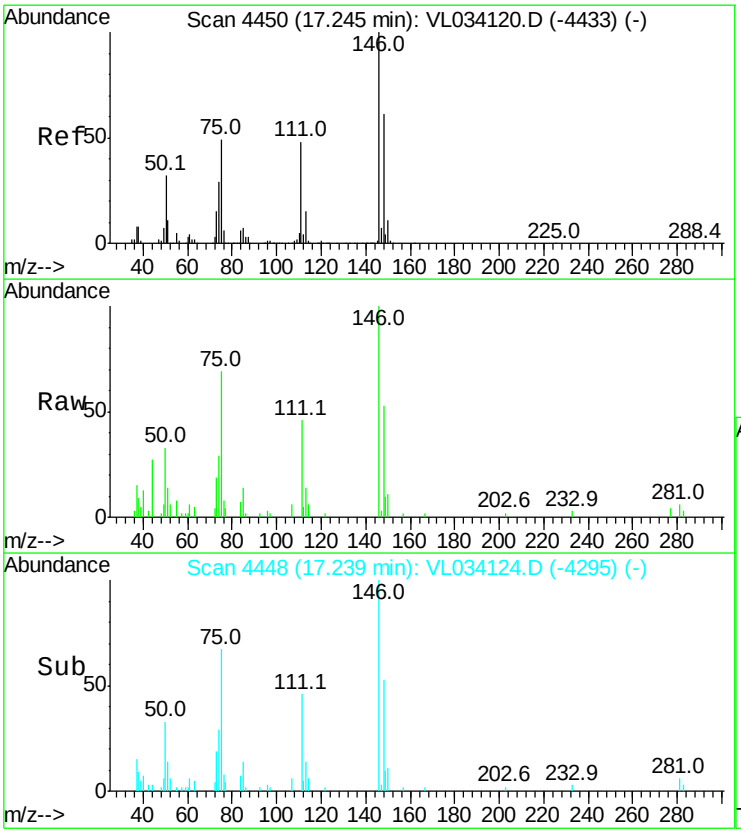
#75
1,3-Dichlorobenzene
Concen: 0.064 ppbv
RT: 17.10 min Scan# 4405
Delta R.T. -0.00 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:146 Resp: 11050

Ion	Ratio	Lower	Upper
146	100		
111	0.0	24.9	74.7#
148	0.0	32.5	97.5#

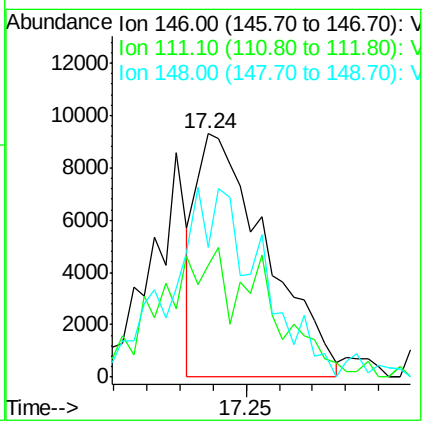


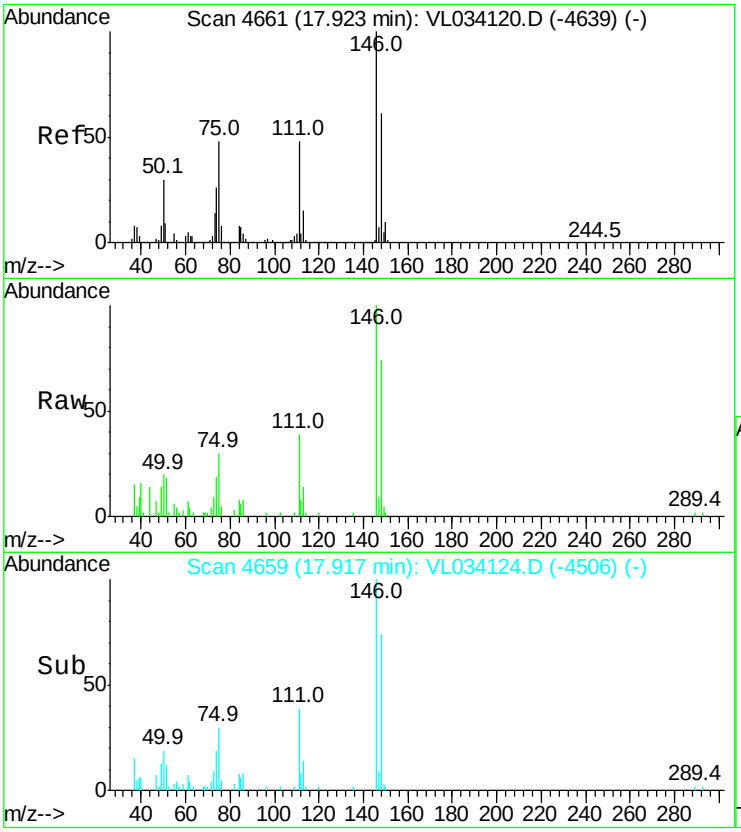


#76
1,4-Dichlorobenzene
Concen: 0.075 ppbv
RT: 17.24 min Scan# 4448
Delta R.T. -0.01 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Tgt Ion:146 Resp: 13642

Ion	Ratio	Lower	Upper
146	100		
111	81.6	24.3	72.8#
148	103.8	32.6	98.0#



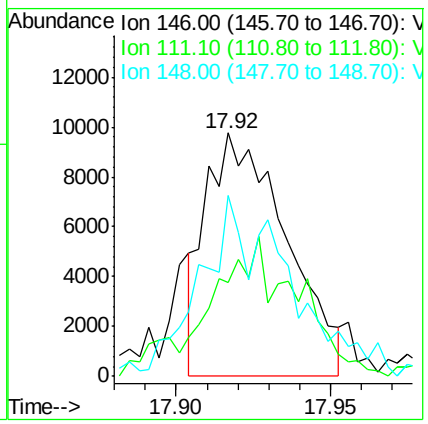


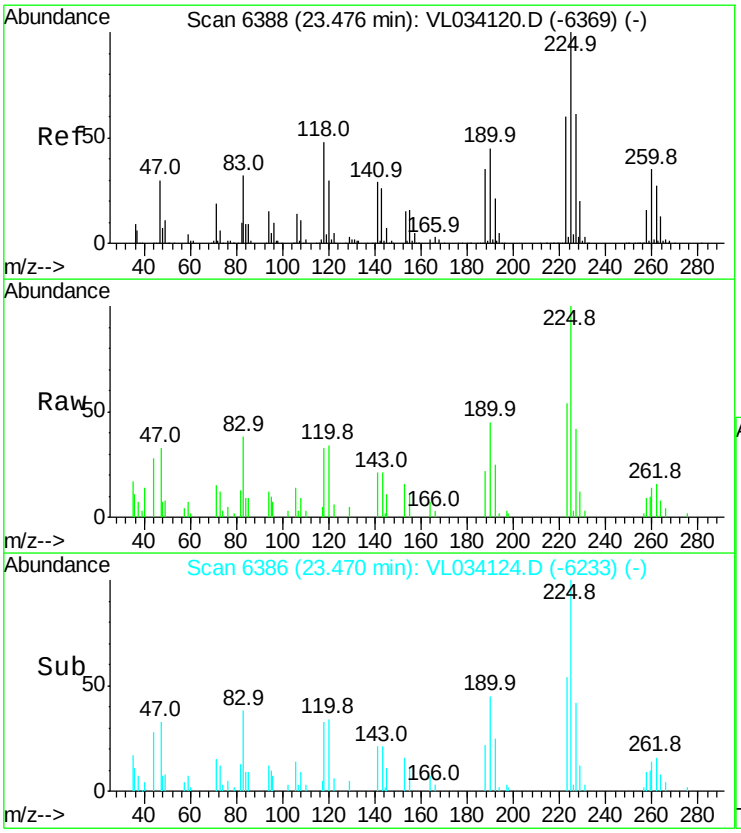
#77
1,2-Dichlorobenzene
Concen: 0.100 ppbv
RT: 17.92 min Scan# 4659
Delta R.T. -0.01 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:146 Resp: 17641

Ion	Ratio	Lower	Upper
146	100		
111	66.2	25.1	75.4
148	84.6	32.0	96.2

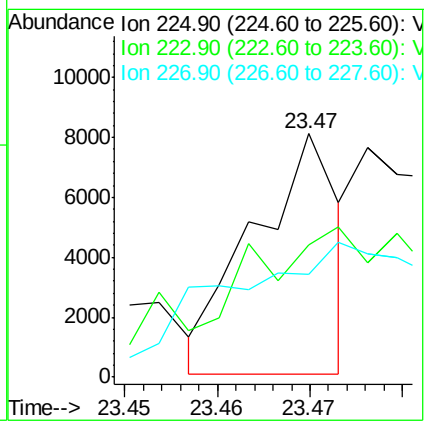


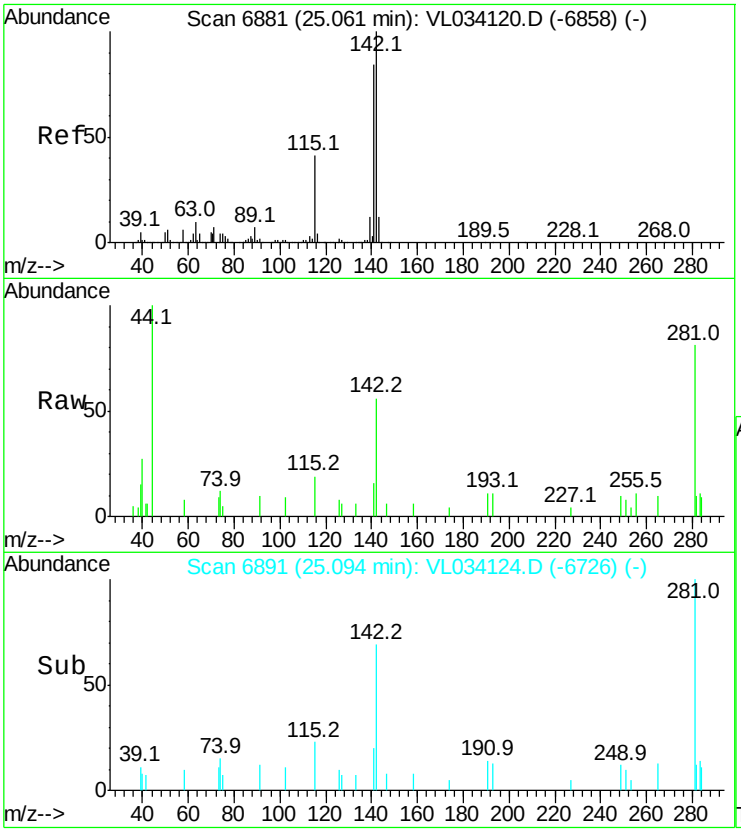


#78
Hexachloro-1,3-Butadiene
Concen: 0.043 ppbv
RT: 23.47 min Scan# 6386
Delta R.T. -0.01 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Tgt Ion:225 Resp: 5152

Ion	Ratio	Lower	Upper
225	100		
223	0.0	50.3	75.5#
227	0.0	50.9	76.3#



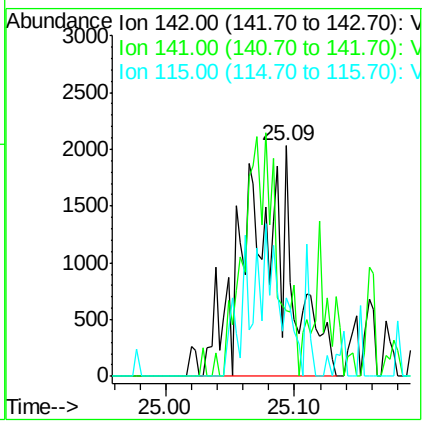


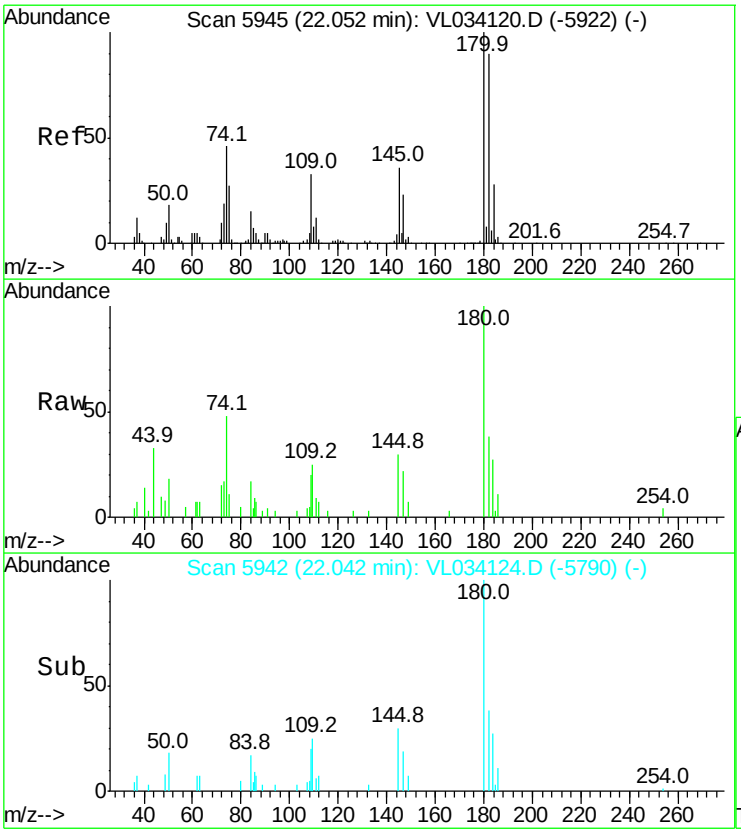
#80
Naphthalene,2-methyl-
Concen: 0.049 ppbv
RT: 25.09 min Scan# 6891
Delta R.T. 0.03 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:142 Resp: 5069

Ion	Ratio	Lower	Upper
142	100		
141	75.3	67.6	101.4
115	50.2	34.6	52.0





#81
1,2,4-Trichlorobenzene
Concen: 0.031 ppbv
RT: 22.04 min Scan# 5942
Delta R.T. -0.01 min
Lab File: VL034124.D
Acq: 5 Sep 2019 5:06

Tgt Ion:180 Resp: 4915

Ion	Ratio	Lower	Upper
180	100		
182	0.0	77.0	115.4#
184	0.0	25.5	38.3#