Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091219\

Quantitation Report (Not Reviewed)

Data File : VL034160.D
Acq On : 12 Sep 2019 15:49
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: Sep 13 01:44:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL090519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 05 10:21:45 2019
QLast Update : Thu Sep 05 10:21:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.70	49	1293685	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.23	114	2365406	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.17	117	3033452	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.51	95	2071269	8.35	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 83.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.04	85	2030314	9.515	ppbv	98
3) Chlorodifluoromethane	2.98	51	1386772	9.617	ppbv	100
4) Chloromethane	3.13	50	864735	9.592	ppbv	96
5) Vinyl Chloride	3.25	62	770475	9.382	ppbv	96
6) Bromomethane	3.47	94	389605	9.613	ppbv	99
7) Chloroethane	3.56	64	284479	10.168	ppbv	94
8) Dichlorotetrafluoroethane	3.18	85	1545372	8.998	ppbv	99
9) Propene	3.00	41	736287	9.126	ppbv	99
10) Heptane	8.18	43	1922198	9.180	ppbv	100
11) Trichlorofluoromethane	3.96	101	1623519	9.330	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.50	101	1092237	9.382	ppbv	99
13) Ethanol	3.60	45	107920	6.828	ppbv	96
14) Bromoethene	3.74	108	479767	9.518	ppbv	98
15) Acetone	3.85	43	1411512	9.053	ppbv	100
16) 1,3-Butadiene	3.32	39	750211	9.501	ppbv	100
17) tert-Butyl alcohol	4.30	59	881485	7.788	ppbv	100
18) 1,1-Dichloroethene	4.30	96	510510	9.598	ppbv	96
19) Isopropyl Alcohol	3.98	45	805461	7.654	ppbv	100
20) Methylene Chloride	4.36	84	459844	8.920	ppbv	98
21) Allyl Chloride	4.43	41	993007	9.661	ppbv	99
22) trans-1,2-Dichloroethene	4.91	96	506954	9.522	ppbv	100
23) Vinyl Acetate	5.10	43	2475659	9.359	ppbv	99
24) 1,1-Dichloroethane	5.04	63	1622651	9.242	ppbv	99
25) Ethyl Acetate	5.71	43	2973179	8.687	ppbv	100
26) Hexane	5.72	57	1285555	8.449	ppbv	98
27) Carbon Disulfide	4.57	76	1374092	10.006	ppbv	100
28) Methyl tert-Butyl Ether	5.06	73	2056604	9.225	ppbv	100
29) Chloroform	5.79	83	1879187	9.156	ppbv	96
30) Cyclohexane	7.19	84	1026806	9.334	ppbv	98
31) cis-1,2-Dichloroethene	5.58	61	1392265	9.554	ppbv	98
32) 1,1,1-Trichloroethane	6.56	97	1752384	9.037	ppbv	97
34) 2-Butanone	5.27	43	2149931	9.454	ppbv	99
35) Carbon Tetrachloride	7.07	117	1725554	9.357	ppbv	99
36) Benzene	6.95	78	2459747	9.098	ppbv	96
37) 1,2-Dichloroethane	6.36	62	1622798	9.784	ppbv	100
38) Trichloroethene	7.90	130	808095	8.010	ppbv	94
39) 1,2-Dichloropropane	7.67	63	1090664	9.426	ppbv	96
40) 1,4-Dioxane	7.89	88	310089	7.292	ppbv #	47
41) Tetrahydrofuran	6.09	42	1317067	9.661	ppbv	98
42) Bromodichloromethane	7.85	83	2082096	9.632	ppbv	97
43) Methyl Methacrylate	8.08	69	1102222	9.896	ppbv	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091219\

Quantitation Report (Not Reviewed)

Data File : VL034160.D
Acq On : 12 Sep 2019 15:49
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: Sep 13 01:44:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL090519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 05 10:21:45 2019
QLast Update : Thu Sep 05 10:21:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.93	57	4363356	8.753	ppbv		99
45) t-1,3-Dichloropropene	9.35	75	1395823	10.662	ppbv		98
46) cis-1,3-Dichloropropene	8.77	75	1581454	9.930	ppbv		97
47) 1,1,2-Trichloroethane	9.55	97	983697	9.332	ppbv		96
48) Dibromochloromethane	10.38	129	1580645	10.049	ppbv		98
49) Bromoform	13.13	173	1346929	9.767	ppbv		99
50) 4-Methyl-2-Pentanone	8.80	43	3138852	9.045	ppbv		99
51) 2-Hexanone	10.20	43	2724889	9.090	ppbv	#	99
52) Tetrachloroethene	11.30	164	785584	8.240	ppbv		96
53) Toluene	9.88	91	2713047	9.073	ppbv		100
54) 1,2-Dibromoethane	10.69	107	1459995	9.297	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.21	131	1024907	7.878	ppbv	#	58
57) Chlorobenzene	12.23	112	1906425	7.306	ppbv		99
58) Ethyl Benzene	12.79	91	3681670	7.401	ppbv		97
59) m/p-Xylene	13.08	91	2744813	6.764	ppbv	#	19
60) o-Xylene	13.78	91	2958503	7.320	ppbv		99
61) Styrene	13.62	104	2298344	7.603	ppbv		99
62) Isopropylbenzene	14.76	105	3781805	7.192	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.76	83	2143274	6.507	ppbv		100
64) n-propylbenzene	15.65	120	992513	7.534	ppbv		98
65) tert-Butylbenzene	16.83	119	3184991	7.018	ppbv		99
66) Benzyl Chloride	17.09	91	1514038	9.049	ppbv		99
67) sec-Butylbenzene	17.39	105	4571675	7.005	ppbv		100
69) p-Isopropyltoluene	17.74	119	3735563	7.154	ppbv		100
70) n-Butylbenzene	18.64	91	4198978	7.068	ppbv		99
71) 2-Chlorotoluene	15.55	91	3127066	7.280	ppbv		100
72) 4-Ethyltoluene	15.93	105	3396105	7.448	ppbv		99
73) 1,3,5-Trimethylbenzene	16.09	105	3226711	7.281	ppbv		99
74) 1,2,4-Trimethylbenzene	16.86	105	3173215	6.953	ppbv		98
75) 1,3-Dichlorobenzene	17.09	146	1713392	7.086	ppbv		98
76) 1,4-Dichlorobenzene	17.24	146	819071	3.232	ppbv	#	6
77) 1,2-Dichlorobenzene	17.92	146	1749755	7.068	ppbv		98
78) Hexachloro-1,3-Butadiene	23.47	225	1191298	7.054	ppbv		99
79) Naphthalene	22.32	128	3068943	7.439	ppbv		97
80) Naphthalene,2-methyl-	25.06	142	1768761	12.351	ppbv		99
81) 1,2,4-Trichlorobenzene	22.04	180	880401	3.922	ppbv	#	24

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

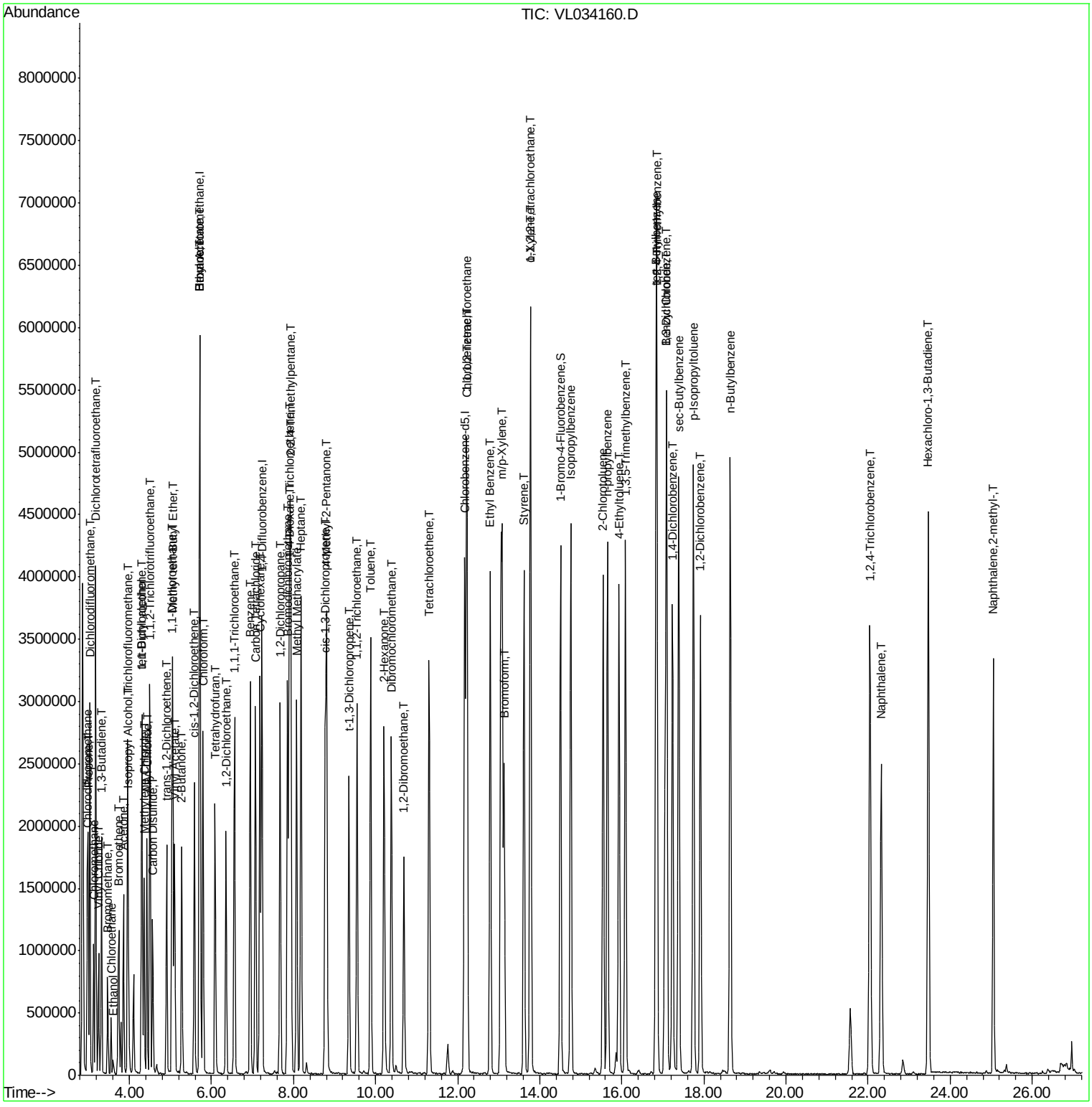
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091219\

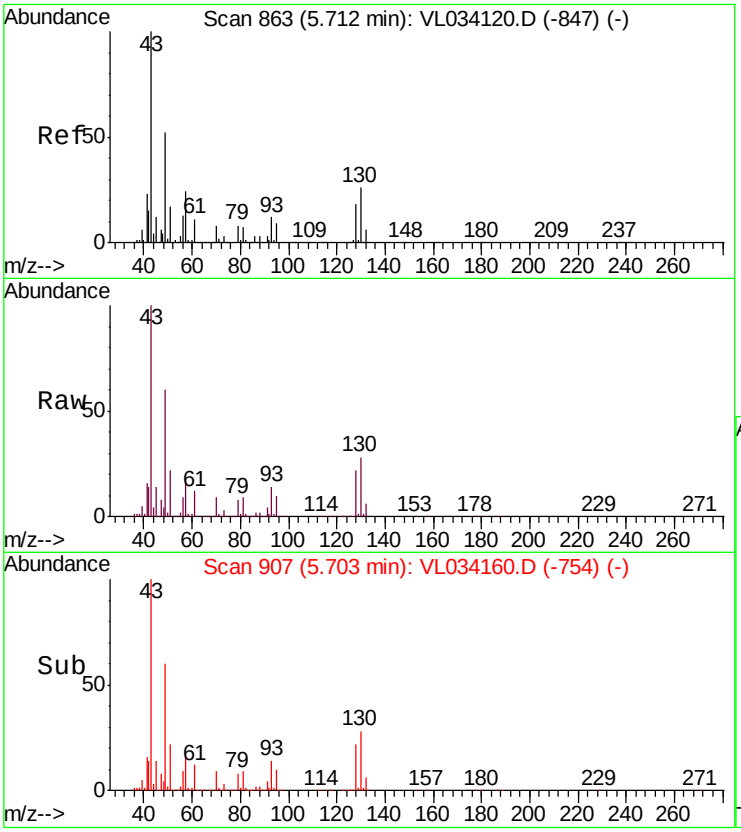
Quantitation Report (Not Reviewed)

Data File : VL034160.D
Acq On : 12 Sep 2019 15:49
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: Sep 13 01:44:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL090519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 05 10:21:45 2019
QLast Update : Thu Sep 05 10:21:45 2019
Response via : Initial Calibration



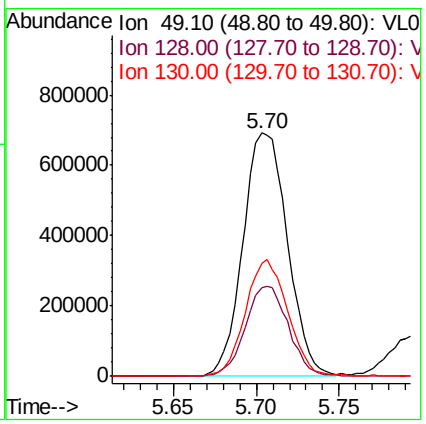


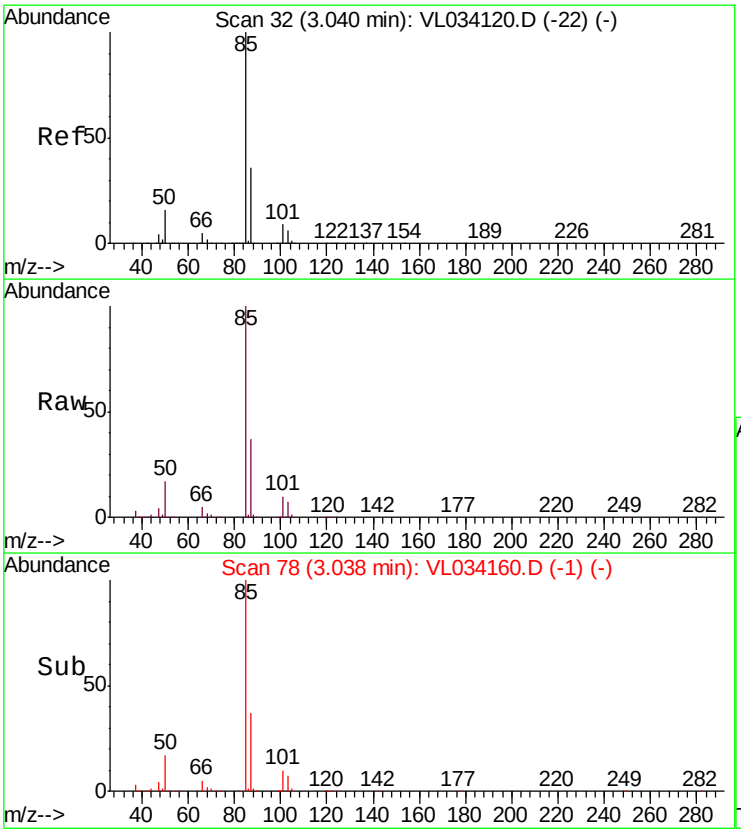
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.70 min Scan# 907
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 1293685

Ion	Ratio	Lower	Upper
49	100		
128	35.8	18.4	55.0
130	45.7	23.5	70.6

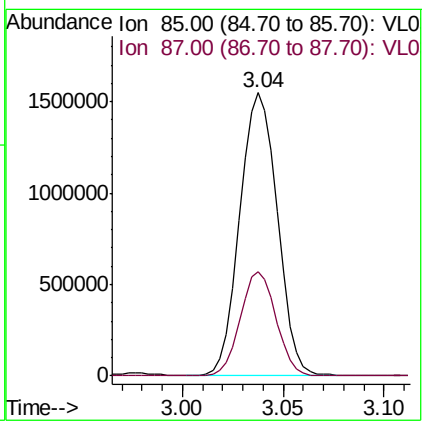


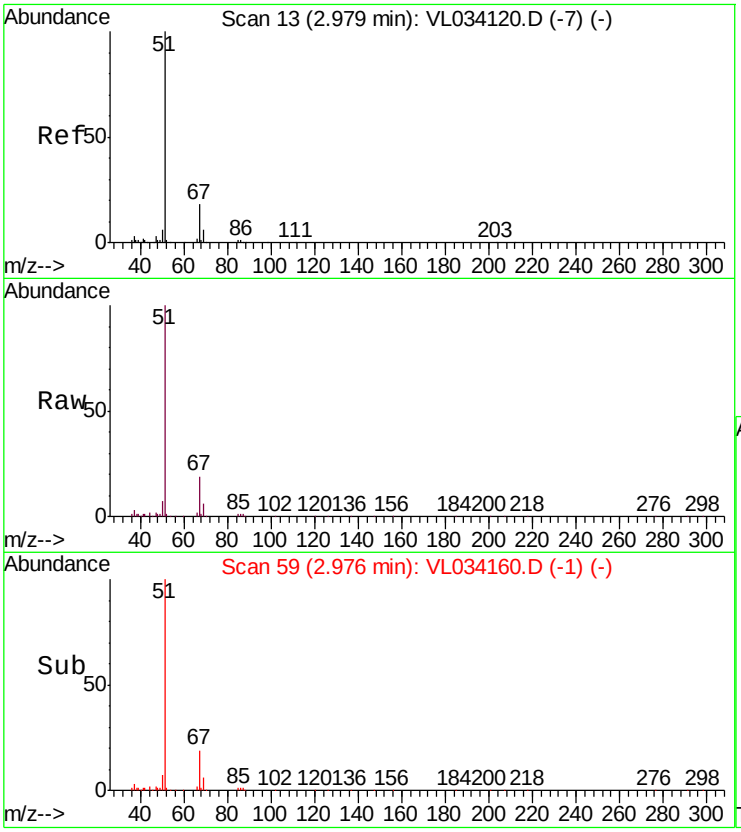


#2
Dichlorodifluoromethane
Concen: 9.515 ppbv
RT: 3.04 min Scan# 78
Delta R.T. -0.00 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Tgt Ion: 85 Resp: 2030314

Ion	Ratio	Lower	Upper
85	100		
87	36.9	28.6	43.0



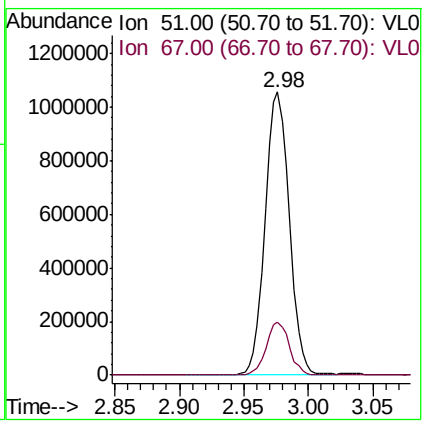


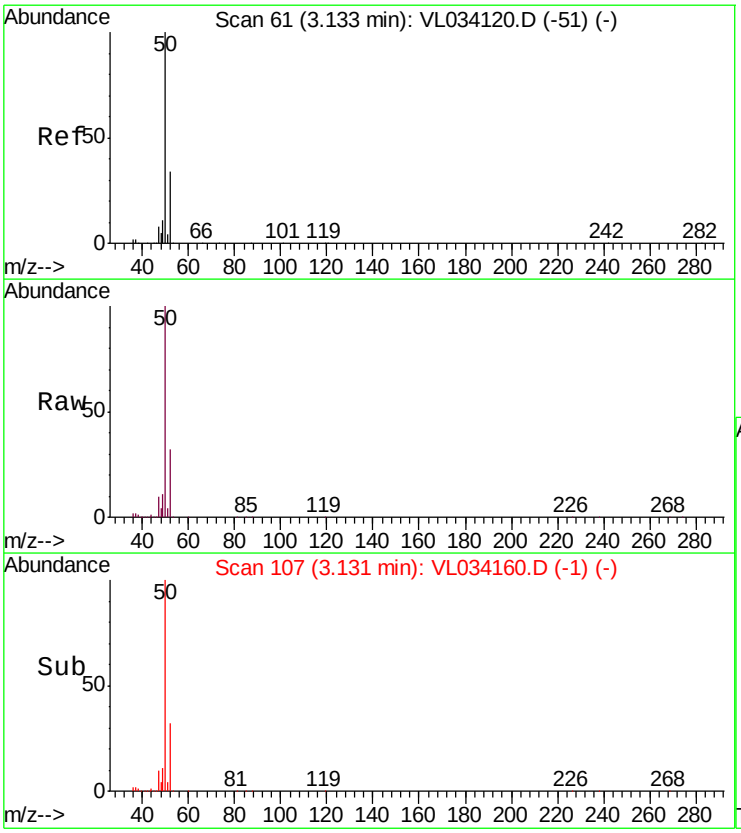
#3
Chlorodifluoromethane
Concen: 9.617 ppbv
RT: 2.98 min Scan# 59
Delta R.T. -0.00 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 1386772

Ion	Ratio	Lower	Upper
51	100		
67	17.9	14.2	21.4

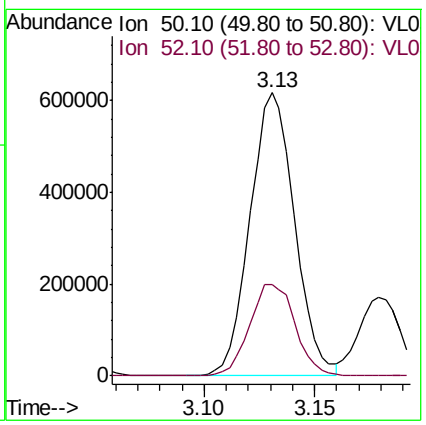


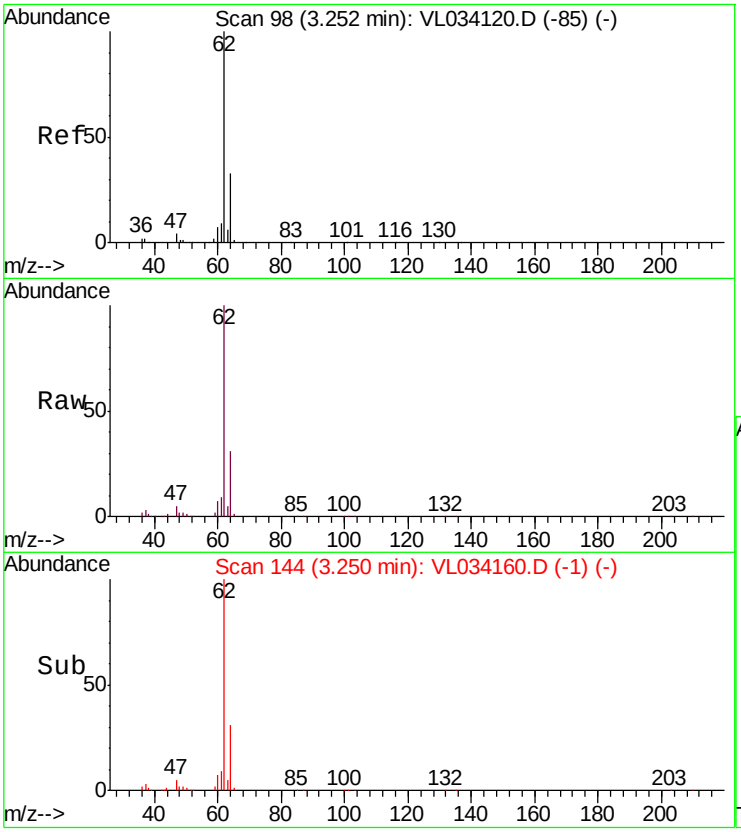


#4
Chloromethane
Concen: 9.592 ppbv
RT: 3.13 min Scan# 107
Delta R.T. -0.00 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Tgt Ion: 50 Resp: 864735

Ion	Ratio	Lower	Upper
50	100		
52	32.3	27.4	41.2



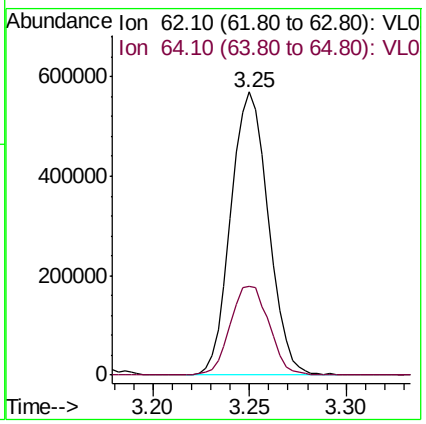


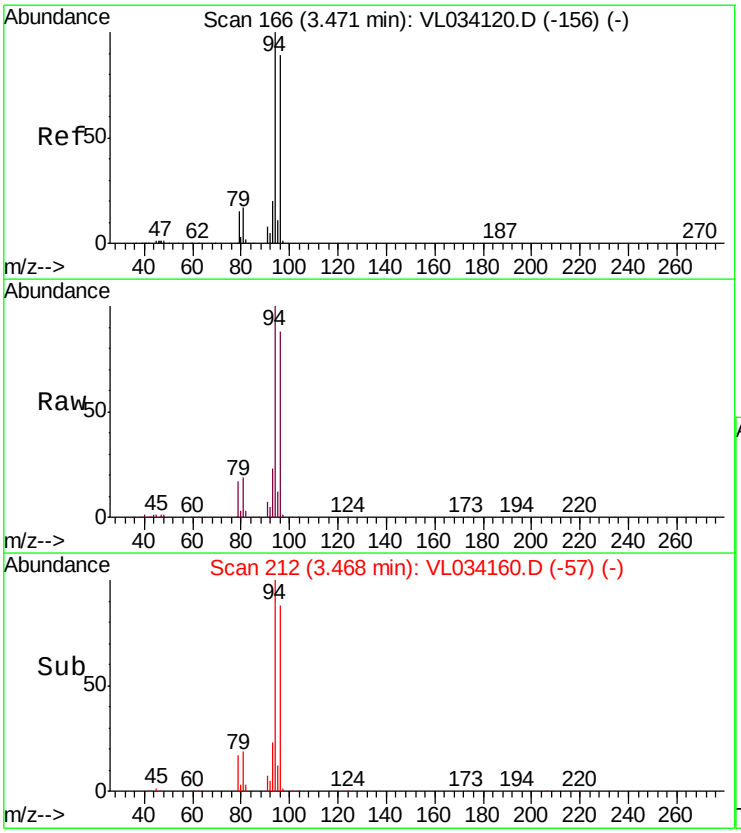
#5
Vinyl Chloride
Concen: 9.382 ppbv
RT: 3.25 min Scan# 144
Delta R.T. -0.00 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 770475

Ion	Ratio	Lower	Upper
62	100		
64	31.2	26.6	39.8

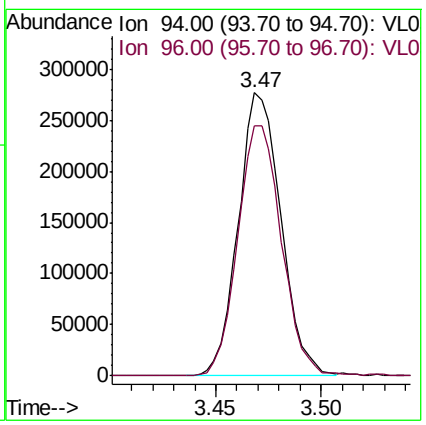


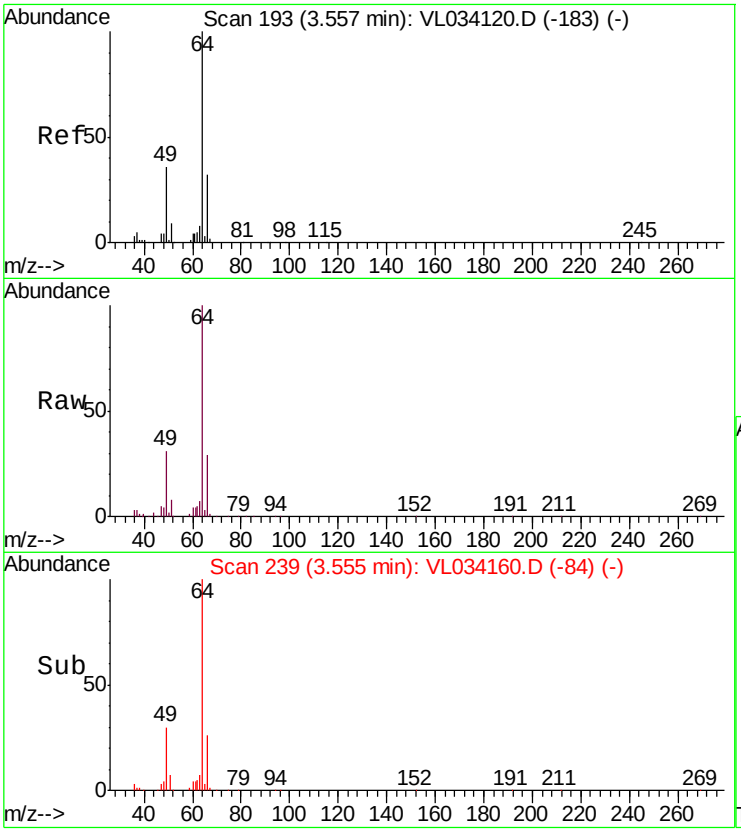


#6
Bromomethane
Concen: 9.613 ppbv
RT: 3.47 min Scan# 212
Delta R.T. -0.00 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Tgt Ion: 94 Resp: 389605

Ion	Ratio	Lower	Upper
94	100		
96	88.2	71.4	107.0



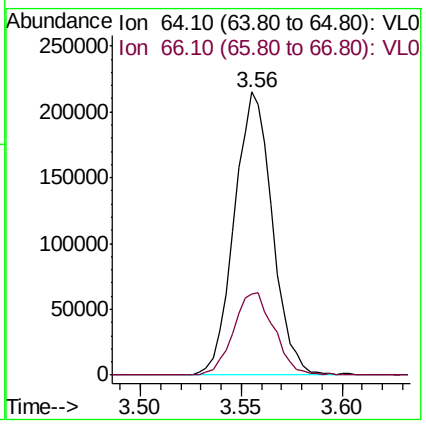


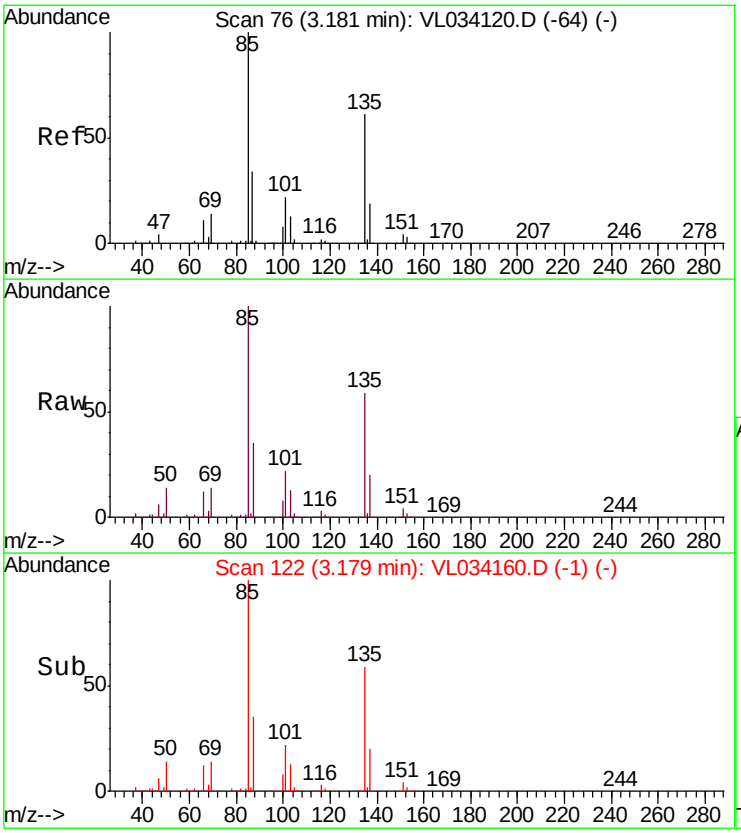
#7
Chloroethane
Concen: 10.168 ppbv
RT: 3.56 min Scan# 239
Delta R.T. -0.00 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 284479

Ion	Ratio	Lower	Upper
64	100		
66	28.6	25.4	38.2

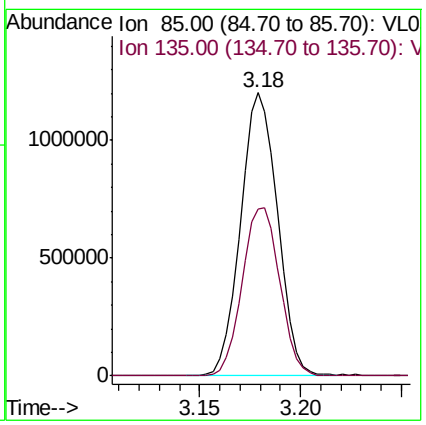


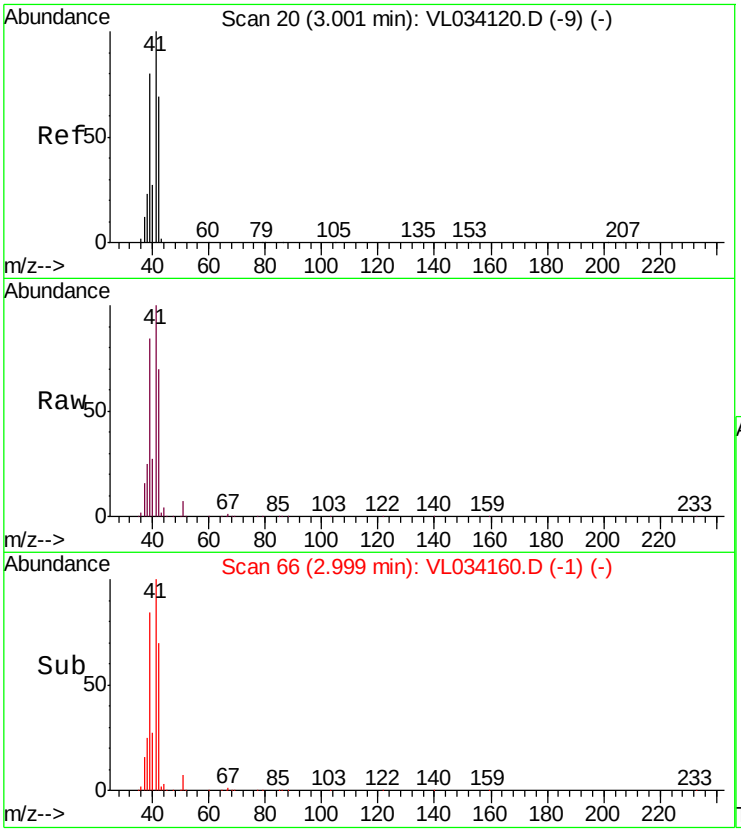


#8
Dichlorotetrafluoroethane
Concen: 8.998 ppbv
RT: 3.18 min Scan# 122
Delta R.T. -0.00 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Tgt Ion: 85 Resp: 1545372

Ion	Ratio	Lower	Upper
85	100		
135	60.7	48.0	72.0



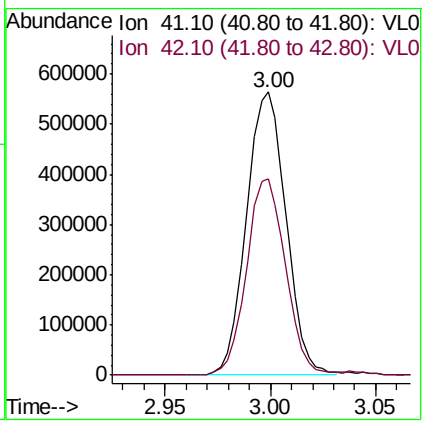


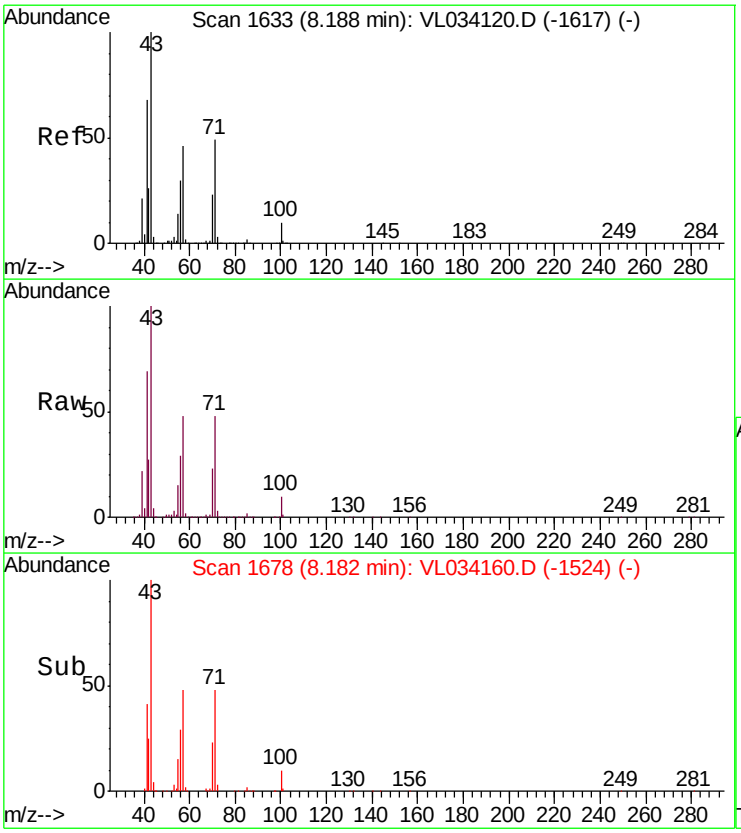
#9
Propene
Concen: 9.126 ppbv
RT: 3.00 min Scan# 66
Delta R.T. -0.00 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 41 Resp: 736287

Ion	Ratio	Lower	Upper
41	100		
42	69.2	54.6	81.8

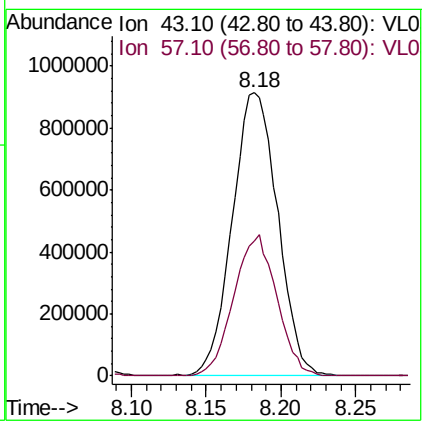


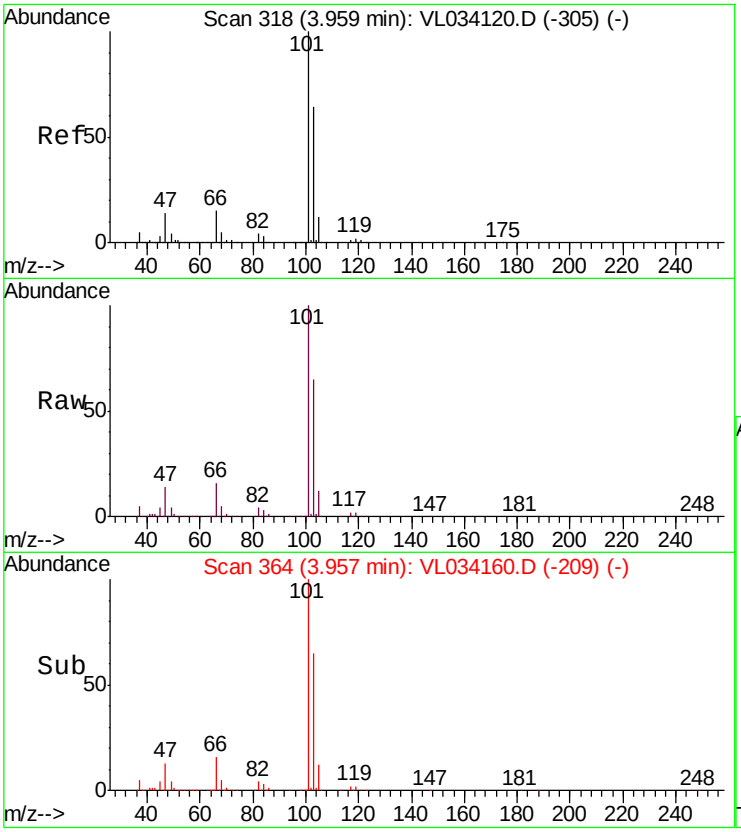


#10
Heptane
Concen: 9.180 ppbv
RT: 8.18 min Scan# 1678
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Tgt Ion: 43 Resp: 1922198

Ion	Ratio	Lower	Upper
43	100		
57	47.6	38.1	57.1



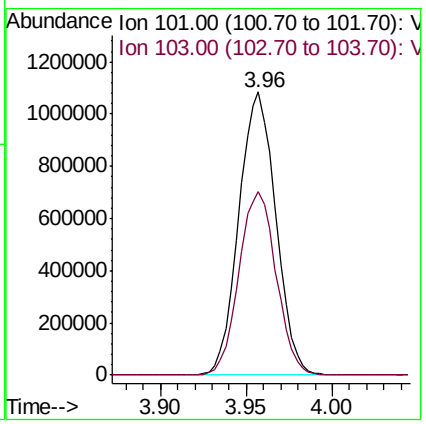


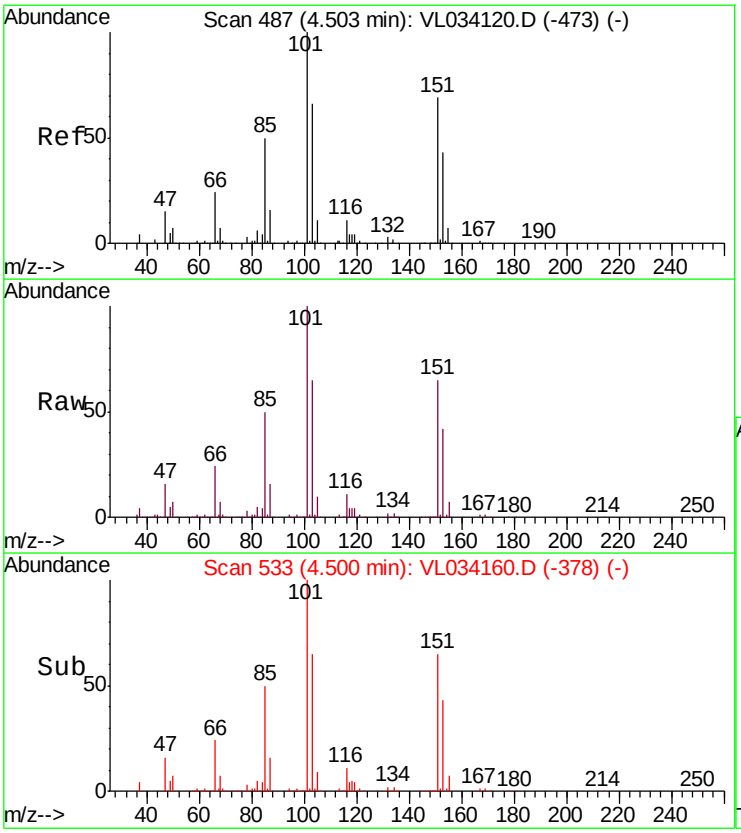
#11
Trichlorofluoromethane
Concen: 9.330 ppbv
RT: 3.96 min Scan# 364
Delta R.T. -0.00 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 1623519

Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.4	77.2

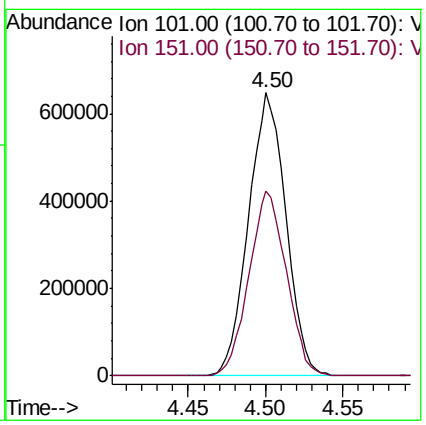


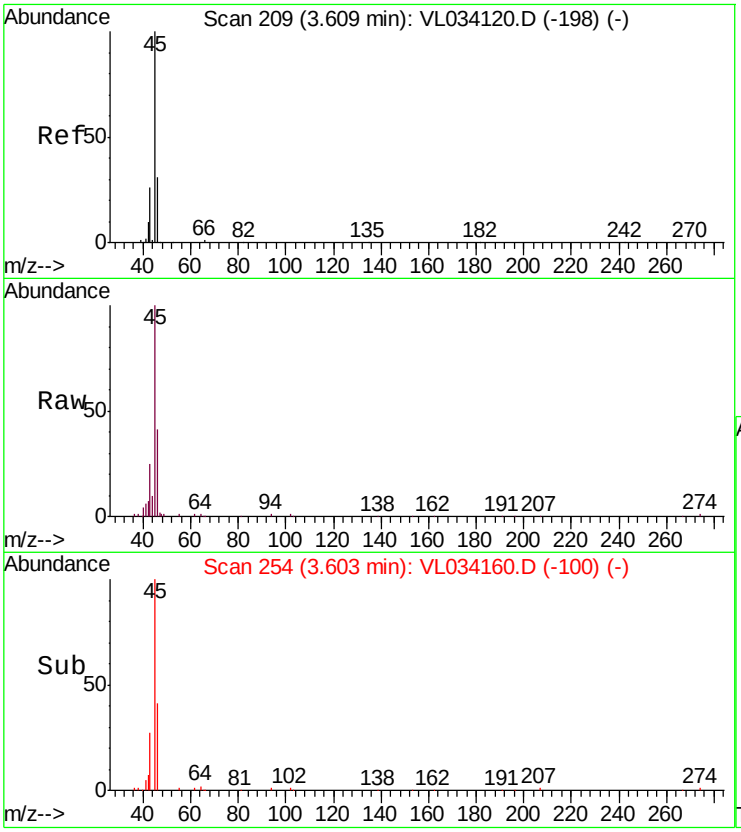


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.382 ppbv
RT: 4.50 min Scan# 533
Delta R.T. -0.00 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Tgt Ion:101 Resp: 1092237

Ion	Ratio	Lower	Upper
101	100		
151	65.2	53.0	79.6



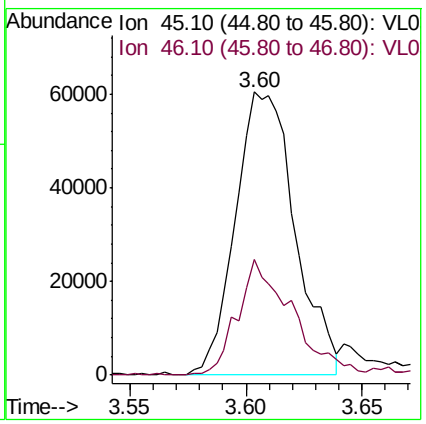


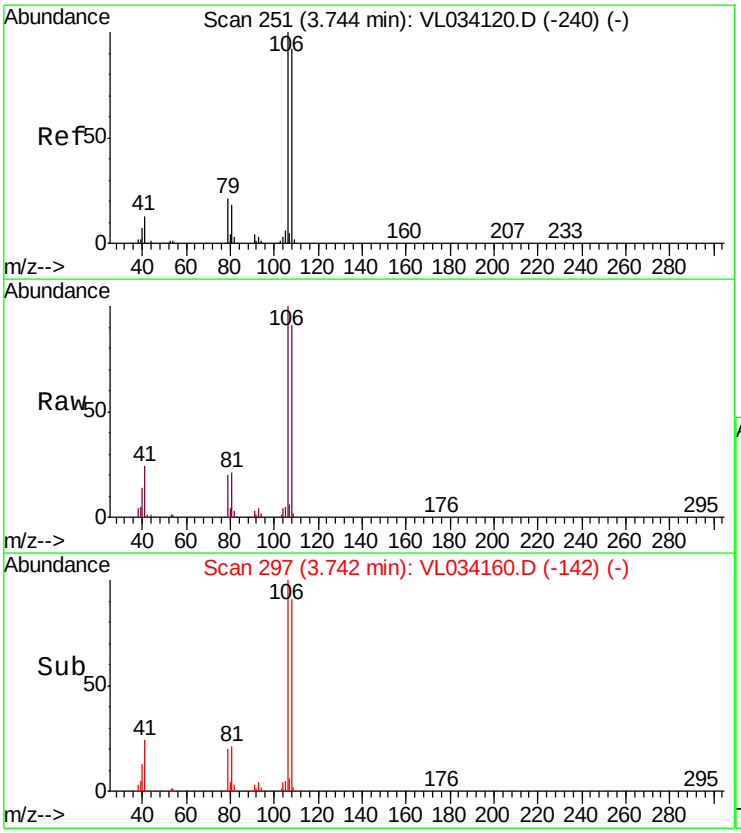
#13
Ethanol
Concen: 6.828 ppbv
RT: 3.60 min Scan# 254
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 45 Resp: 107920

Ion	Ratio	Lower	Upper
45	100		
46	39.8	15.0	60.0

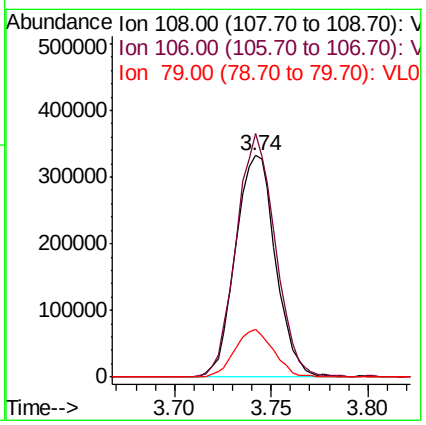


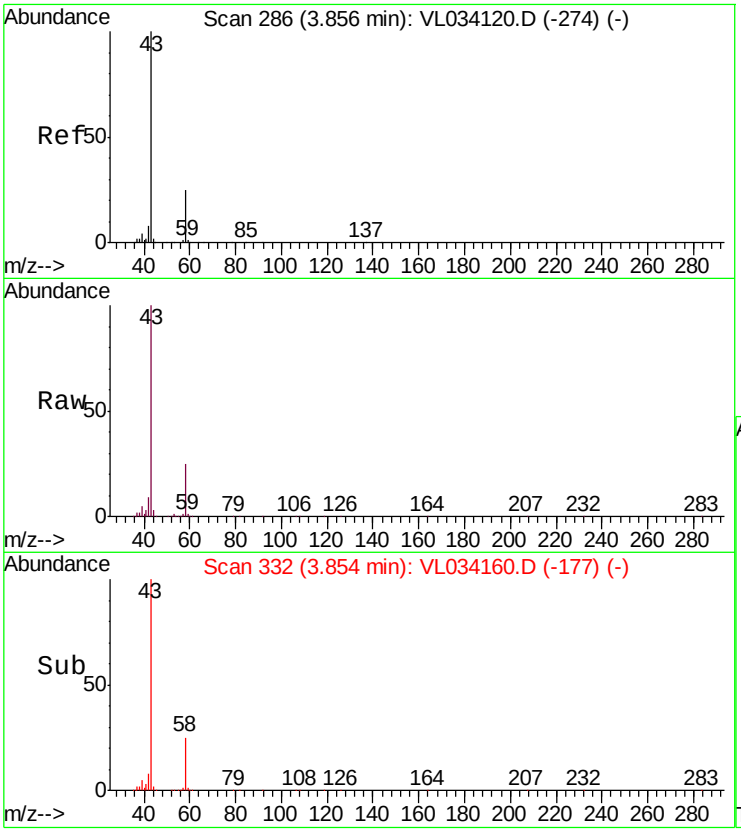


#14
Bromoethene
Concen: 9.518 ppbv
RT: 3.74 min Scan# 297
Delta R.T. -0.00 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Tgt Ion:108 Resp: 479767

Ion	Ratio	Lower	Upper
108	100		
106	107.2	87.2	130.8
79	21.1	16.5	24.7



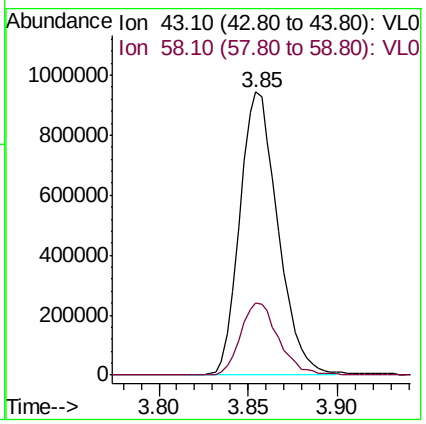


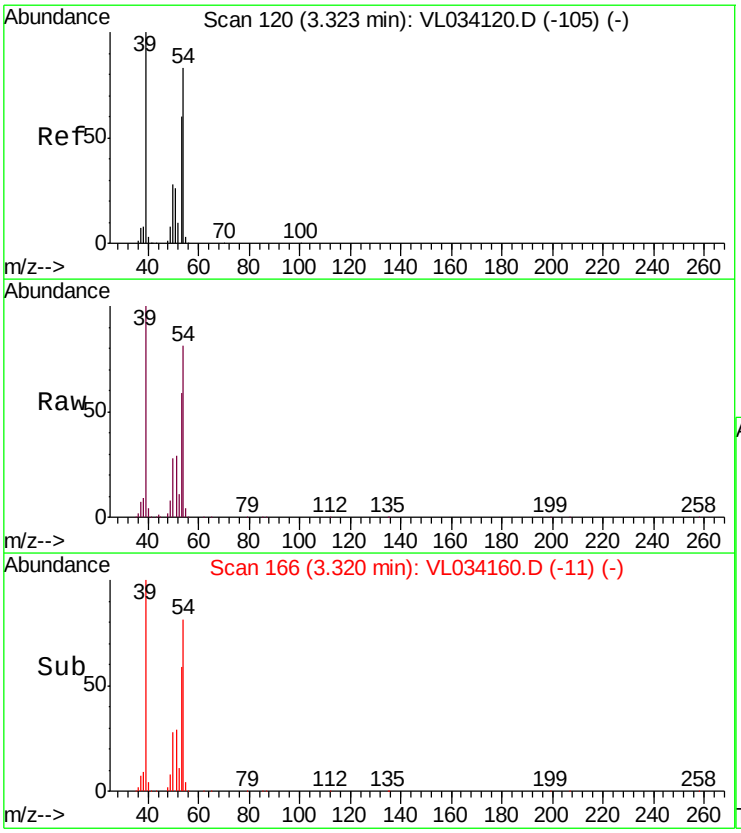
#15
Acetone
Concen: 9.053 ppbv
RT: 3.85 min Scan# 332
Delta R.T. -0.00 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1411512

Ion	Ratio	Lower	Upper
43	100		
58	25.6	20.6	30.8

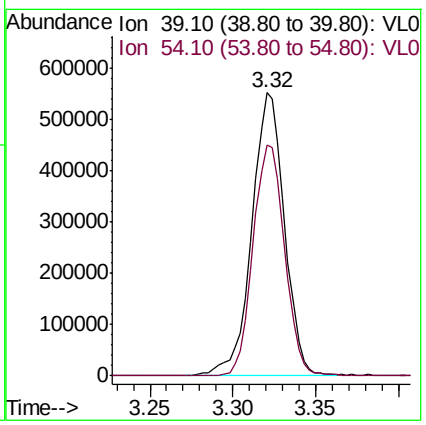


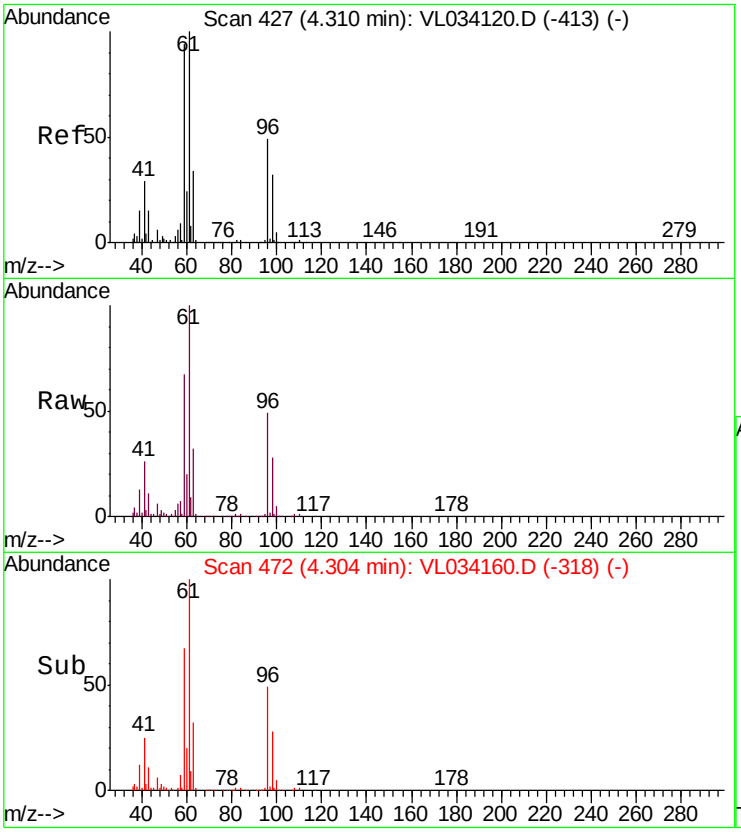


#16
1,3-Butadiene
Concen: 9.501 ppbv
RT: 3.32 min Scan# 166
Delta R.T. -0.00 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Tgt Ion: 39 Resp: 750211

Ion	Ratio	Lower	Upper
39	100		
54	79.6	63.5	95.3



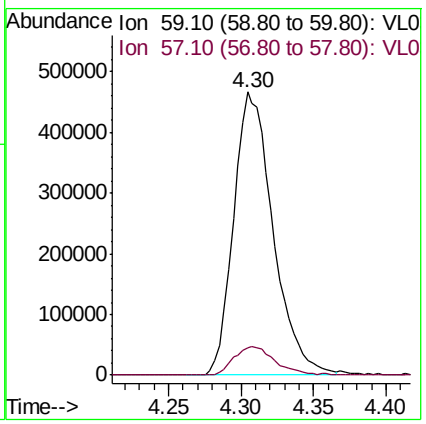


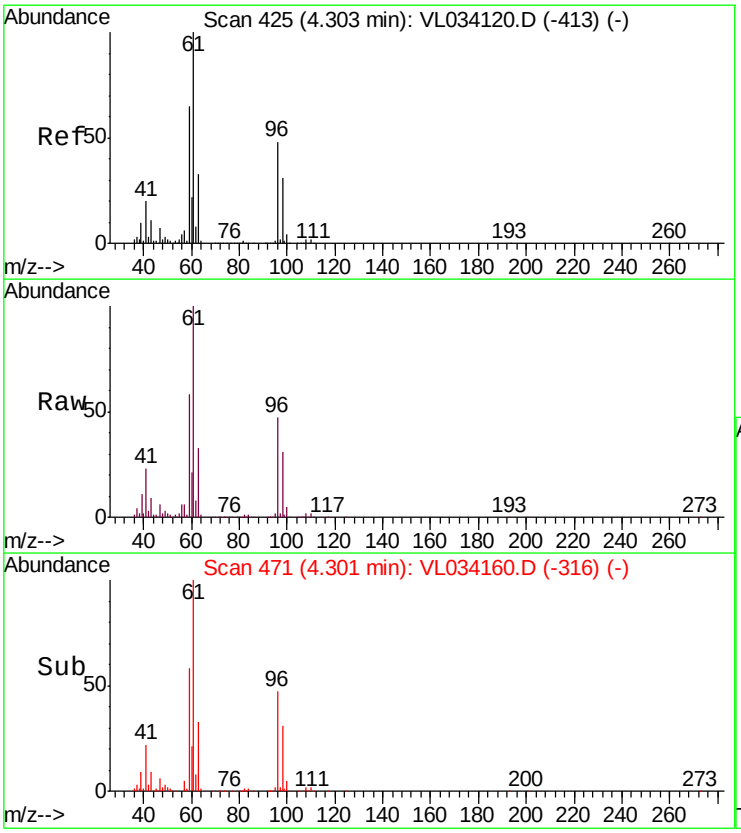
#17
tert-Butyl alcohol
Concen: 7.788 ppbv
RT: 4.30 min Scan# 472
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 881485

Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.6	12.8

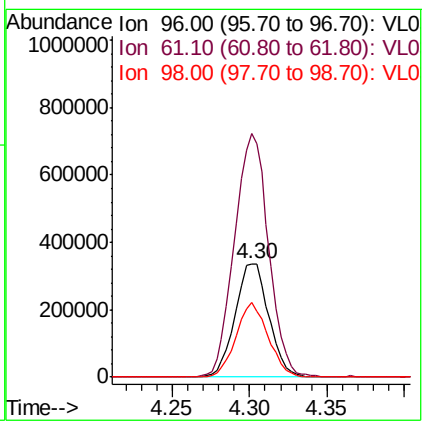


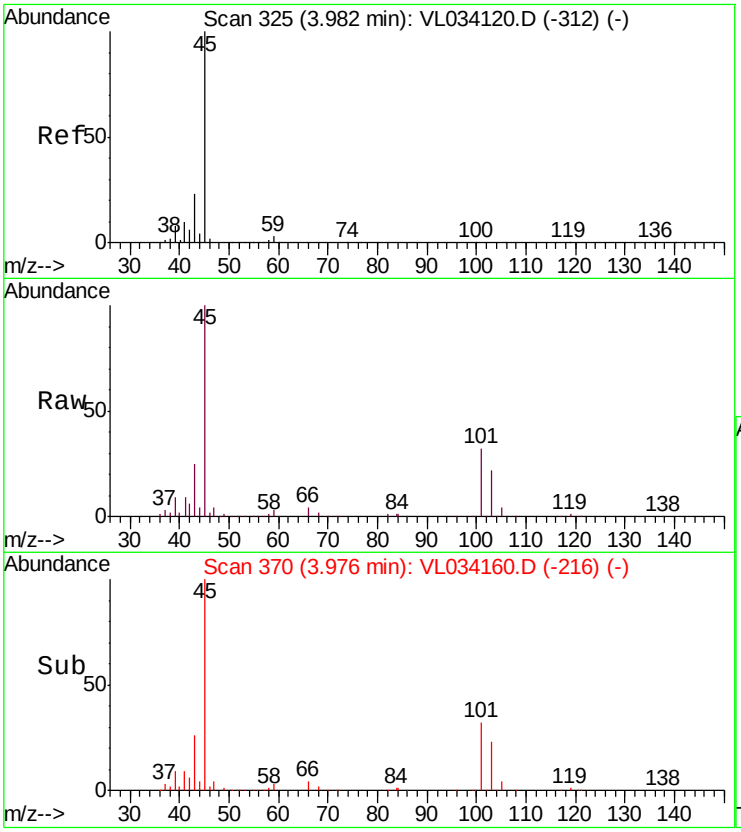


#18
1,1-Dichloroethene
Concen: 9.598 ppbv
RT: 4.30 min Scan# 471
Delta R.T. -0.00 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Tgt Ion: 96 Resp: 510510

Ion	Ratio	Lower	Upper
96	100		
61	214.4	165.8	248.8
98	65.6	50.8	76.2



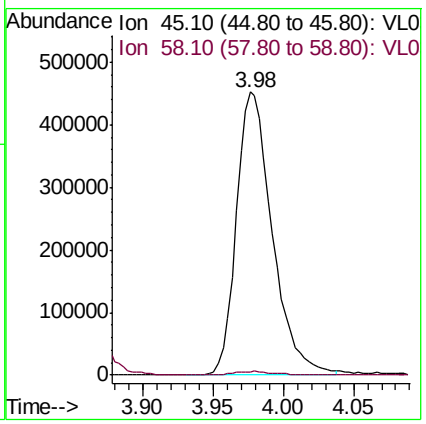


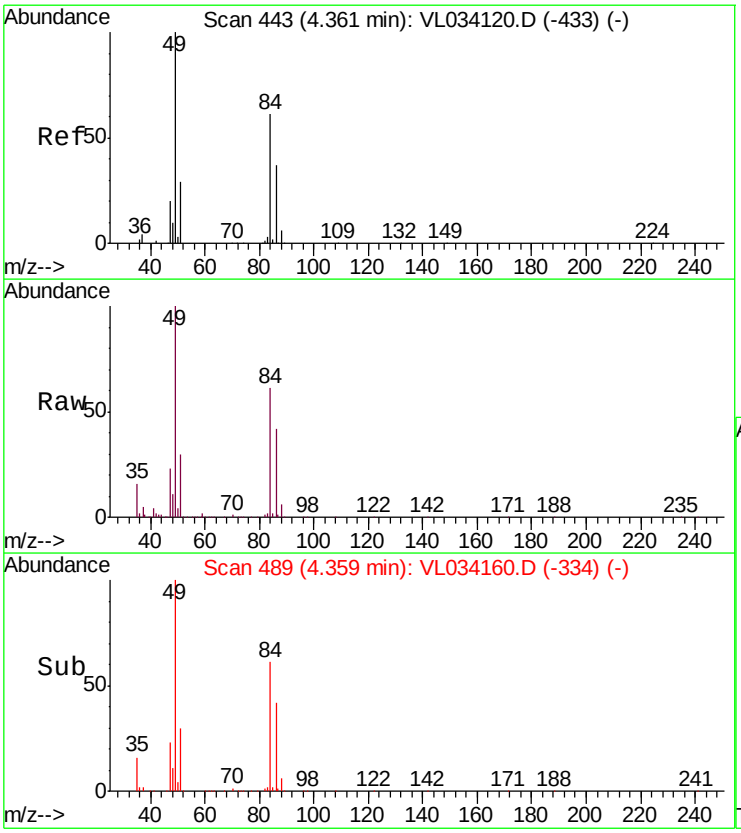
#19
Isopropyl Alcohol
Concen: 7.654 ppbv
RT: 3.98 min Scan# 370
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 805461

Ion	Ratio	Lower	Upper
45	100		
58	1.4	1.0	1.6

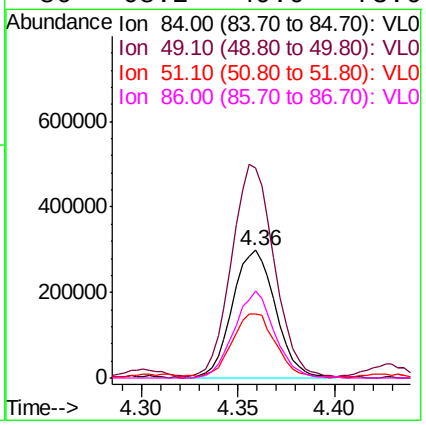


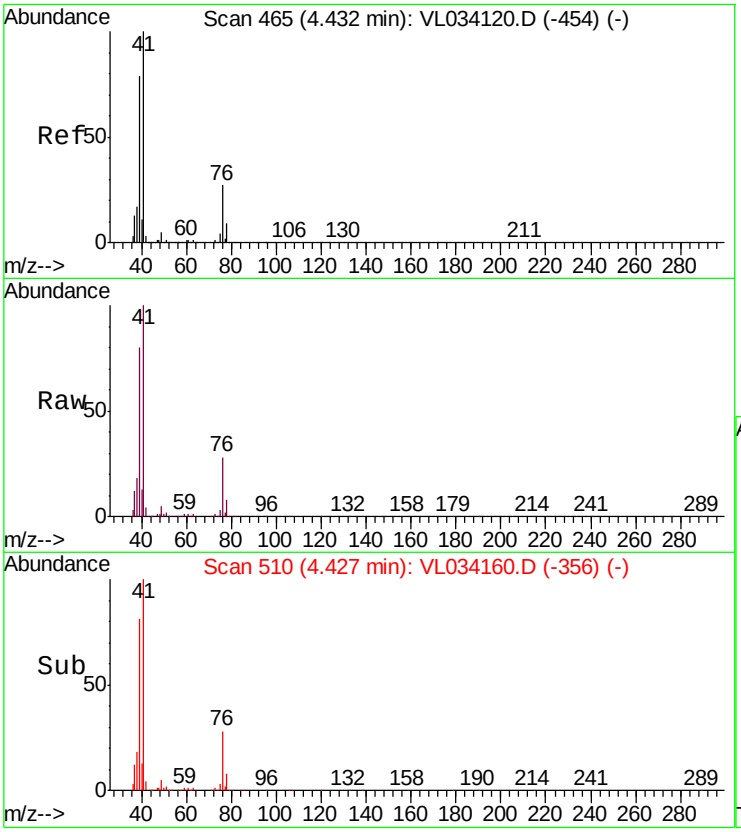


#20
Methylene Chloride
Concen: 8.920 ppbv
RT: 4.36 min Scan# 489
Delta R.T. -0.00 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Tgt Ion: 84 Resp: 459844

Ion	Ratio	Lower	Upper
84	100		
49	164.0	131.0	196.6
51	49.1	38.1	57.1
86	68.2	49.0	73.6



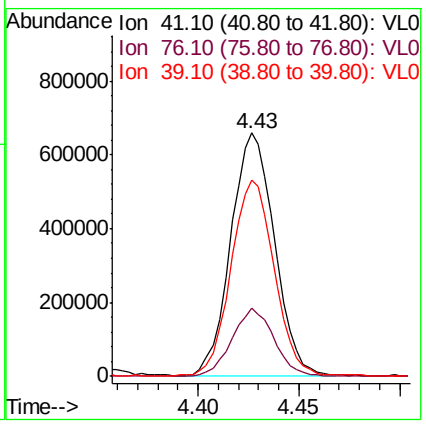


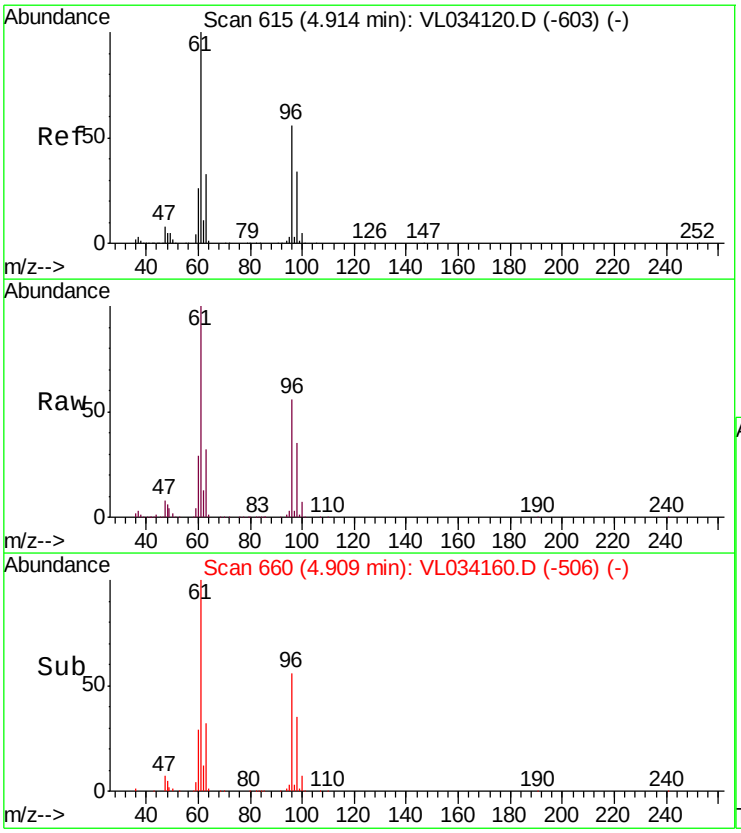
#21
Allyl Chloride
Concen: 9.661 ppbv
RT: 4.43 min Scan# 510
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 41 Resp: 993007

Ion	Ratio	Lower	Upper
41	100		
76	27.2	21.6	32.4
39	80.4	65.0	97.4

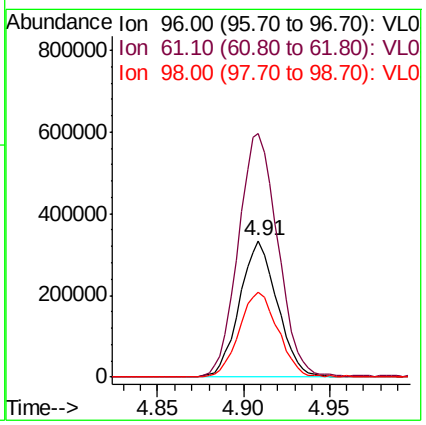


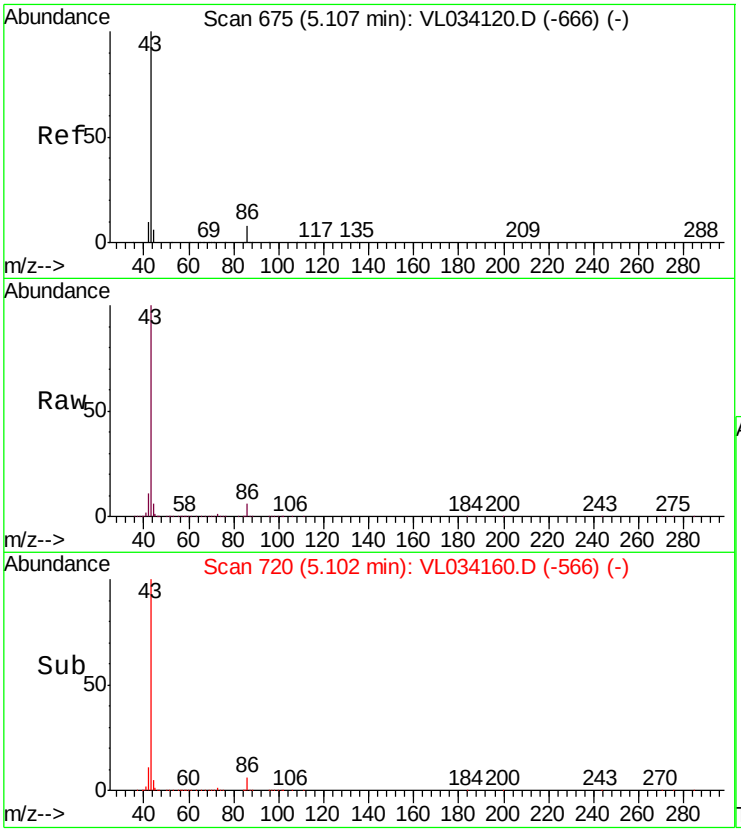


#22
trans-1,2-Dichloroethene
Concen: 9.522 ppbv
RT: 4.91 min Scan# 660
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Tgt Ion: 96 Resp: 506954

Ion	Ratio	Lower	Upper
96	100		
61	178.7	143.1	214.7
98	62.3	49.0	73.4



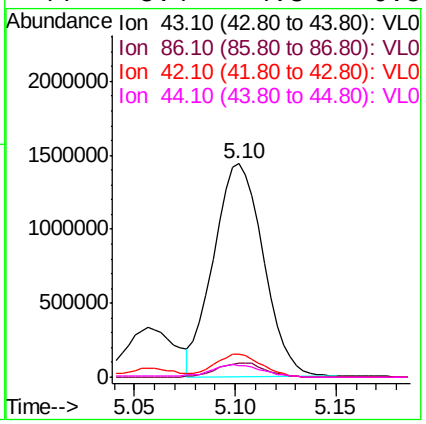


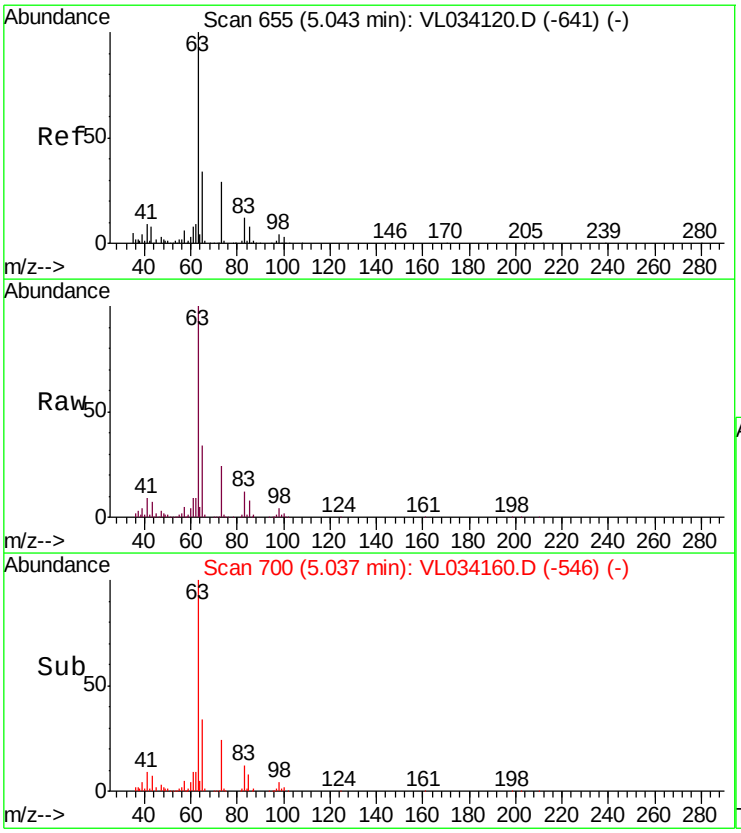
#23
Vinyl Acetate
Concen: 9.359 ppbv
RT: 5.10 min Scan# 720
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 43 Resp: 2475659

Ion	Ratio	Lower	Upper
43	100		
86	6.4	5.5	8.3
42	10.5	8.2	12.4
44	5.4	4.3	6.5

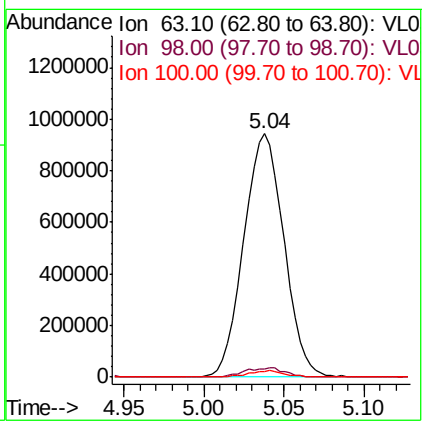


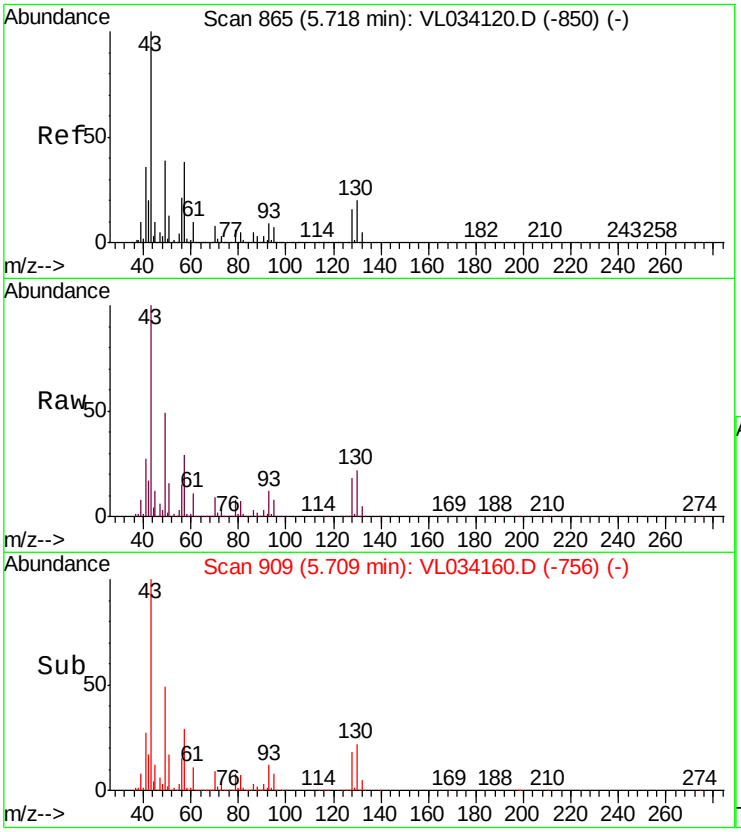


#24
1,1-Dichloroethane
Concen: 9.242 ppbv
RT: 5.04 min Scan# 700
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Tgt Ion: 63 Resp: 1622651

Ion	Ratio	Lower	Upper
63	100		
98	3.5	2.1	6.2
100	2.5	1.4	4.0



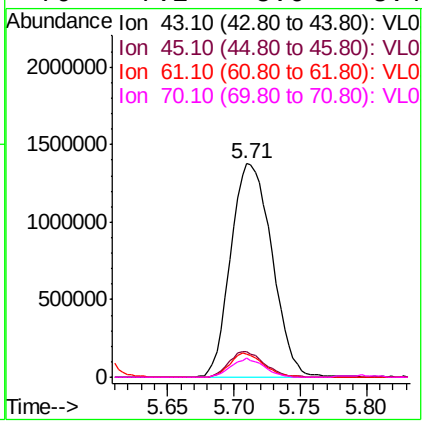


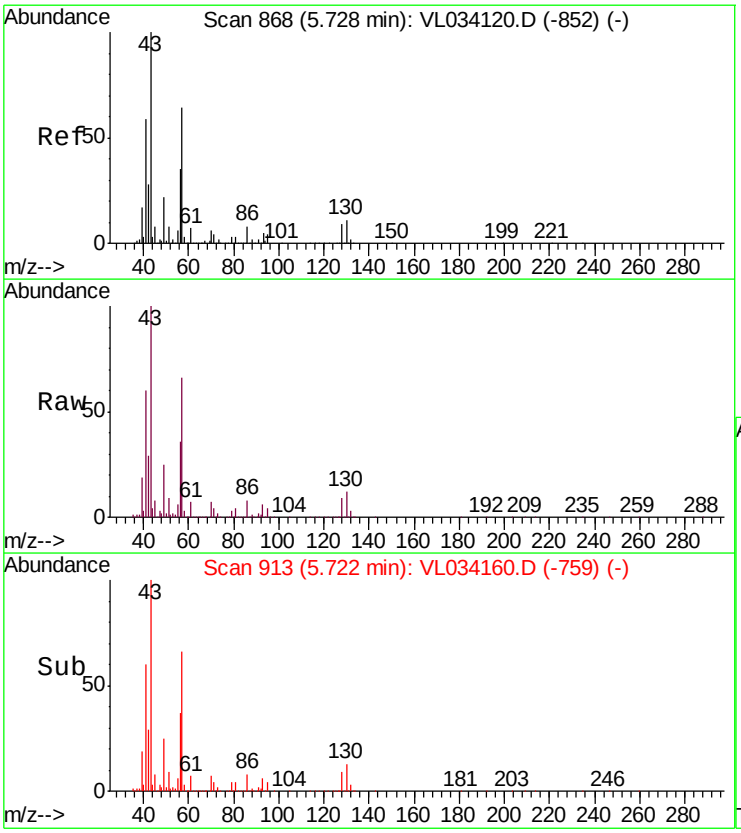
#25
Ethyl Acetate
Concen: 8.687 ppbv
RT: 5.71 min Scan# 909
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 43 Resp: 2973179

Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.2	12.4
61	9.4	7.4	11.2
70	7.2	5.6	8.4

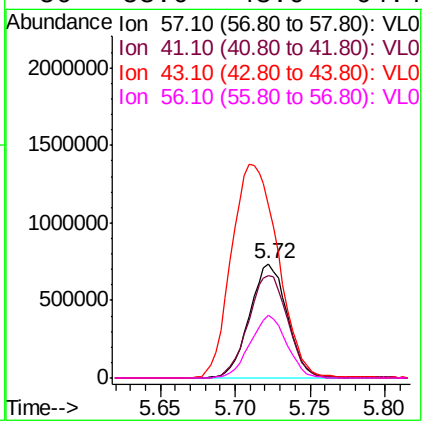


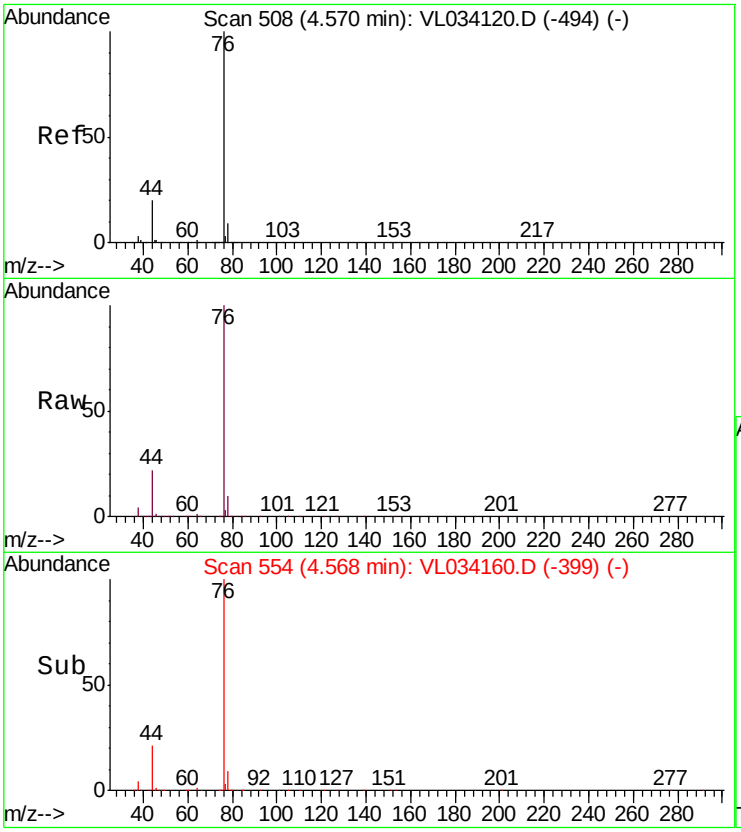


#26
Hexane
Concen: 8.449 ppbv
RT: 5.72 min Scan# 913
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Tgt Ion: 57 Resp: 1285555

Ion	Ratio	Lower	Upper
57	100		
41	94.3	76.6	115.0
43	231.7	189.2	283.8
56	53.6	43.0	64.4



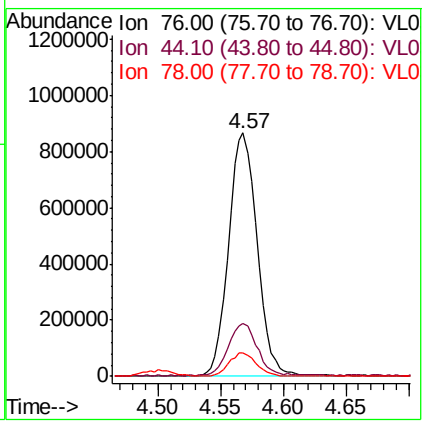


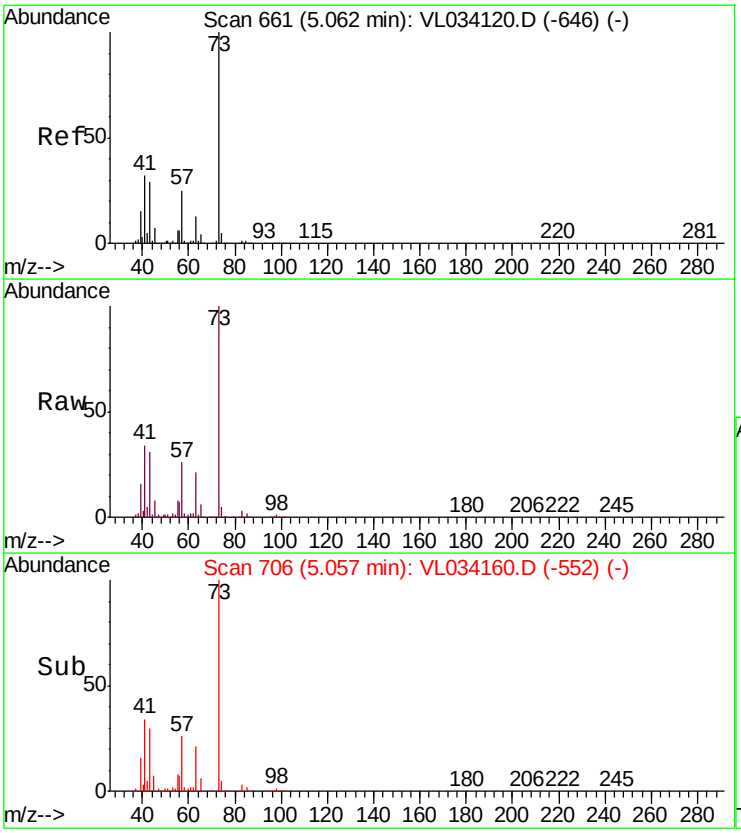
#27
Carbon Disulfide
Concen: 10.006 ppbv
RT: 4.57 min Scan# 554
Delta R.T. -0.00 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 76 Resp: 1374092

Ion	Ratio	Lower	Upper
76	100		
44	21.9	17.6	26.4
78	9.4	7.3	10.9

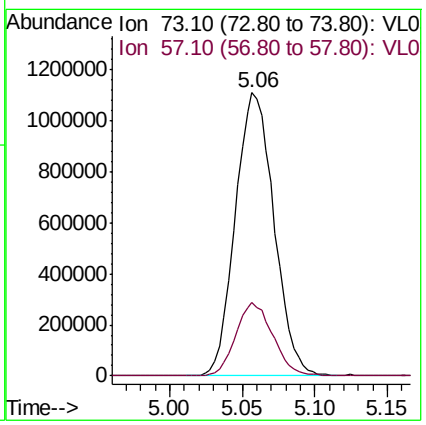


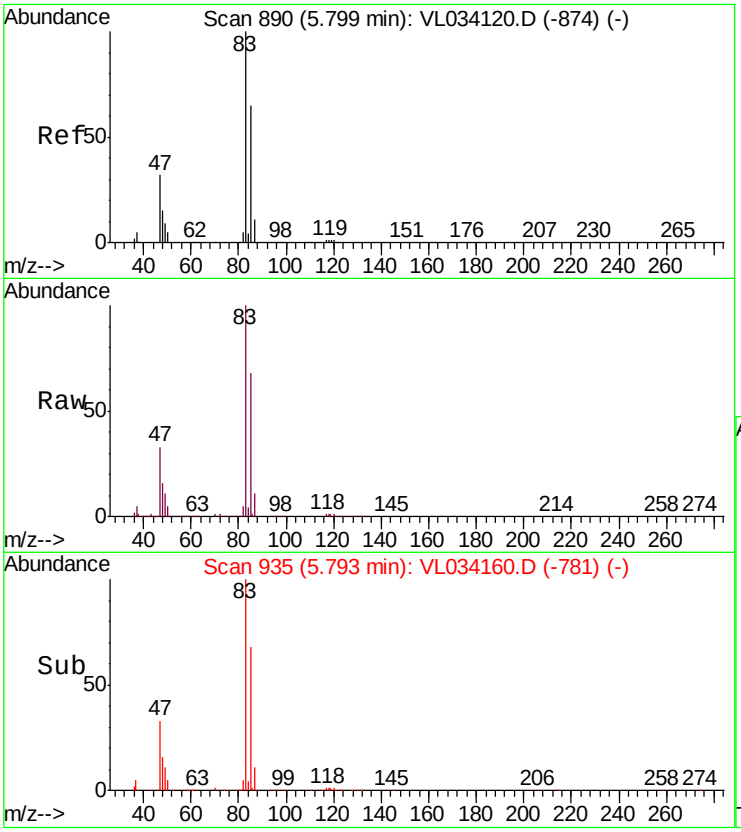


#28
Methyl tert-Butyl Ether
Concen: 9.225 ppbv
RT: 5.06 min Scan# 706
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Tgt Ion: 73 Resp: 2056604

Ion	Ratio	Lower	Upper
73	100		
57	24.9	19.8	29.8



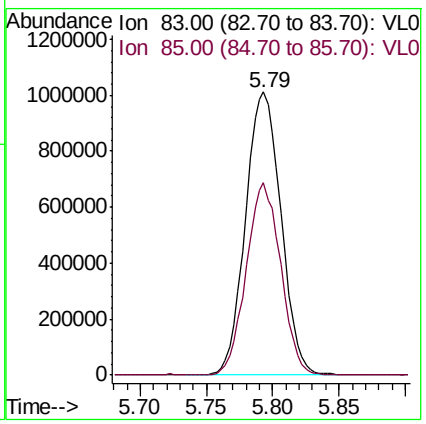


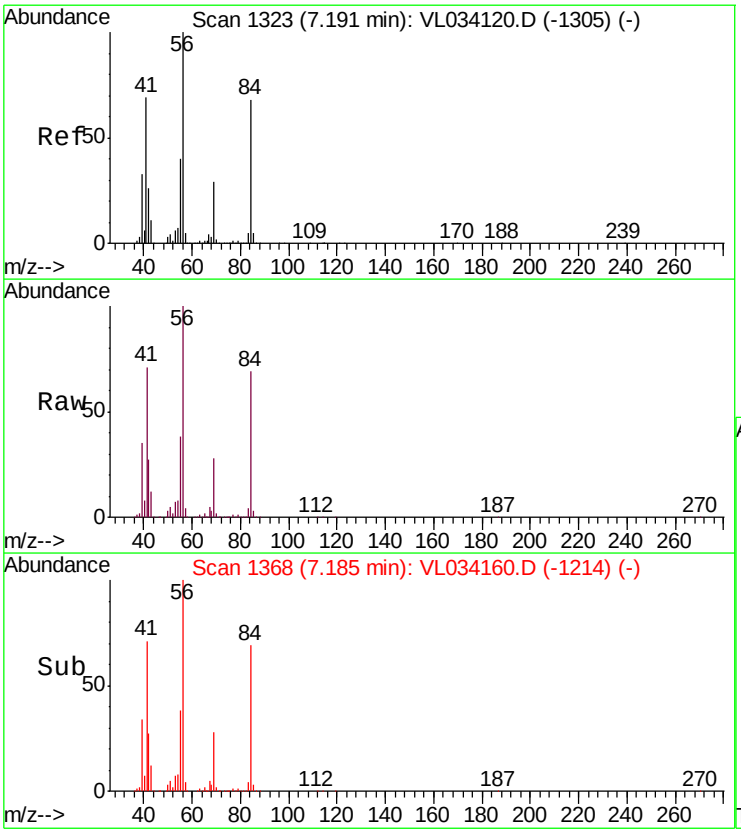
#29
Chloroform
Concen: 9.156 ppbv
RT: 5.79 min Scan# 935
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1879187

Ion	Ratio	Lower	Upper
83	100		
85	67.6	51.8	77.6

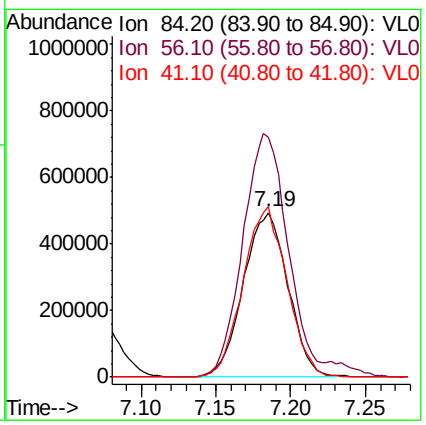


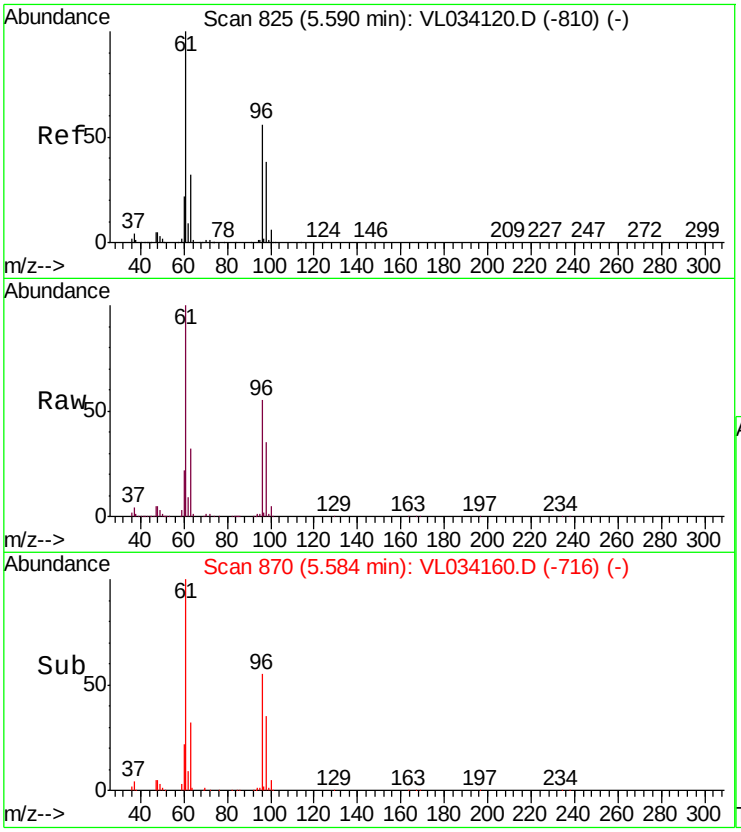


#30
Cyclohexane
Concen: 9.334 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Tgt Ion: 84 Resp: 1026806

Ion	Ratio	Lower	Upper
84	100		
56	155.4	122.6	183.8
41	101.8	79.1	118.7



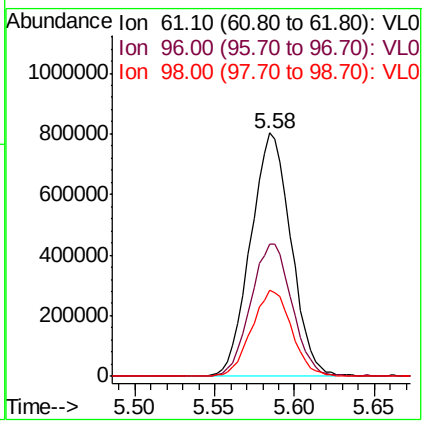


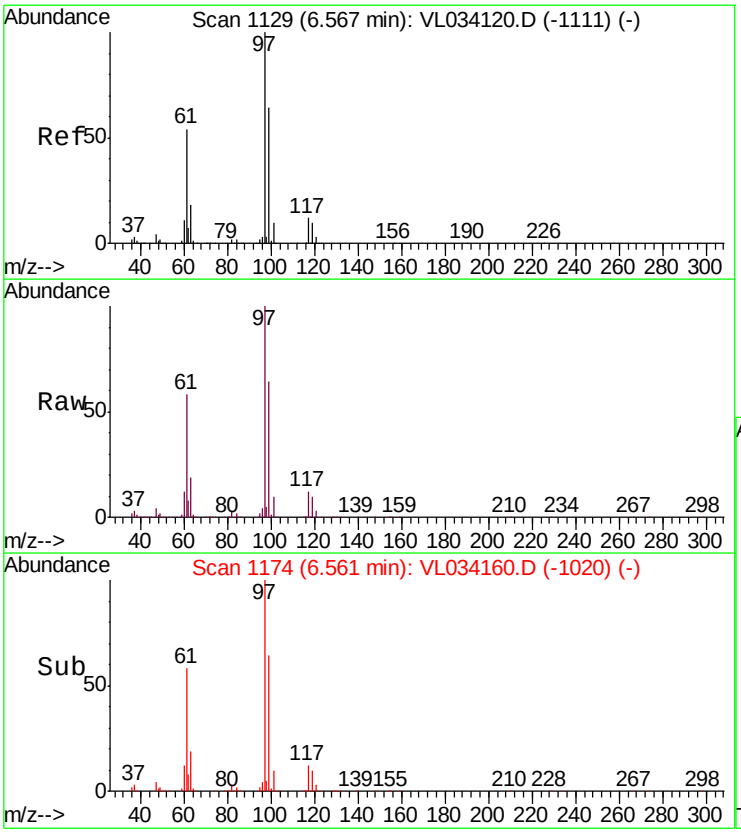
#31
cis-1,2-Dichloroethene
Concen: 9.554 ppbv
RT: 5.58 min Scan# 870
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 61 Resp: 1392265

Ion	Ratio	Lower	Upper
61	100		
96	54.5	44.4	66.6
98	35.5	30.0	45.0

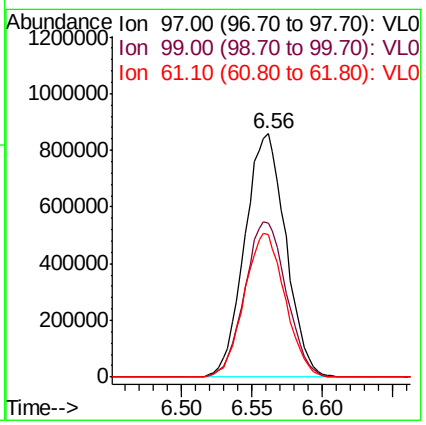


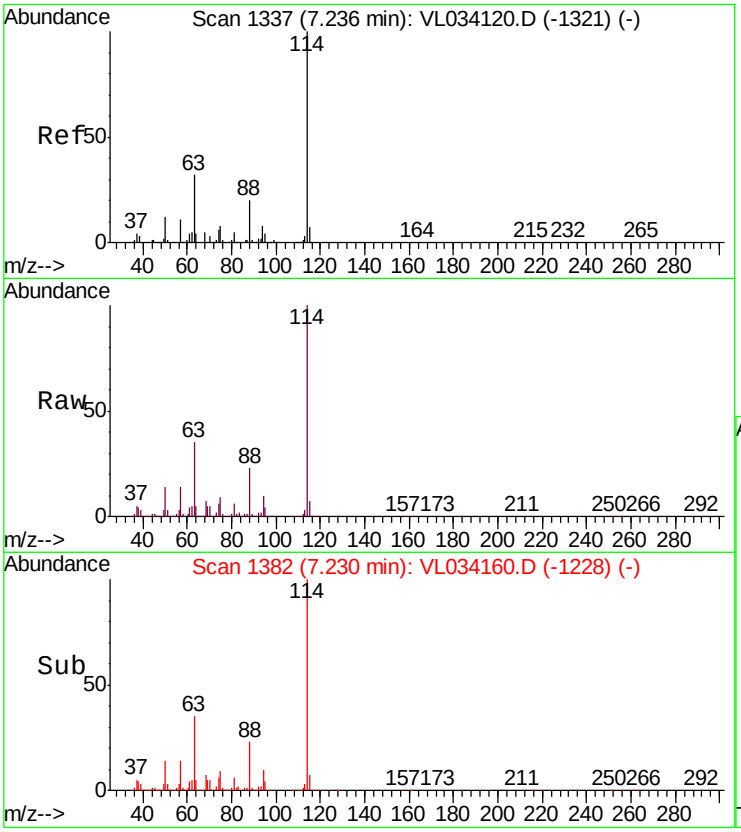


#32
1,1,1-Trichloroethane
Concen: 9.037 ppbv
RT: 6.56 min Scan# 1174
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Tgt Ion: 97 Resp: 1752384

Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.7	77.5
61	58.8	44.0	66.0



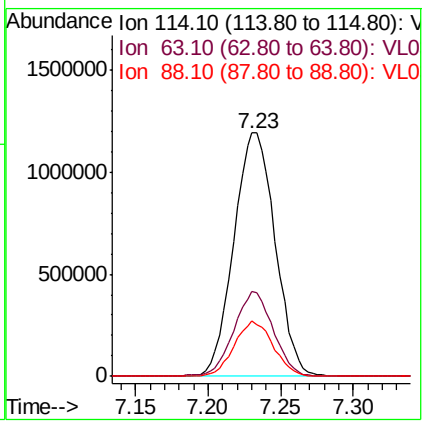


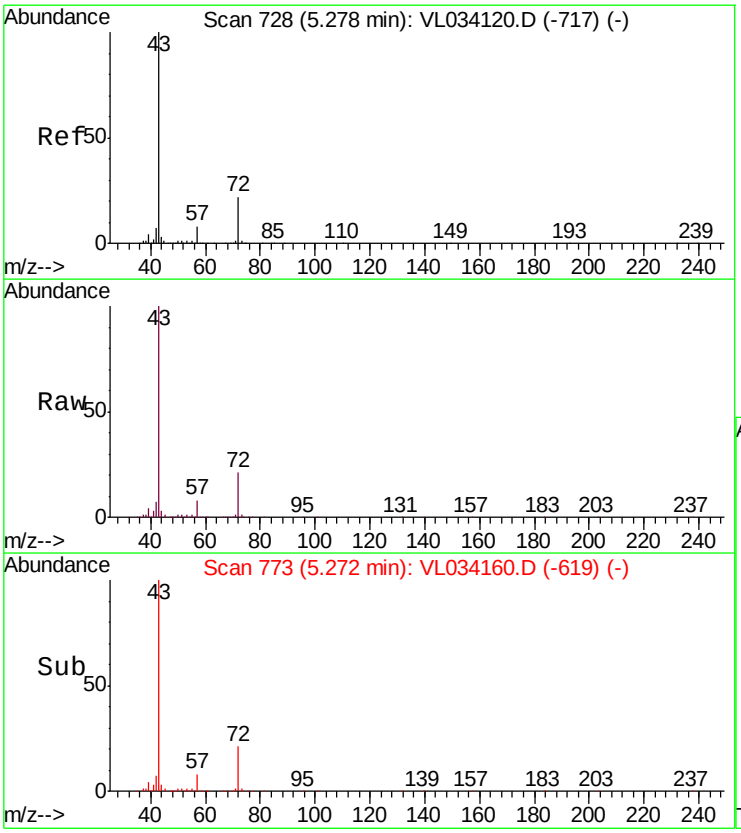
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.23 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:114 Resp: 2365406

Ion	Ratio	Lower	Upper
114	100		
63	33.5	25.5	38.3
88	21.4	16.8	25.2

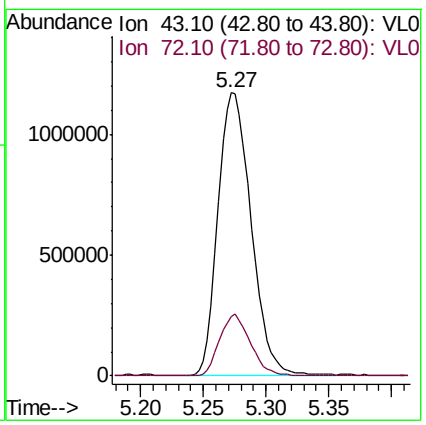


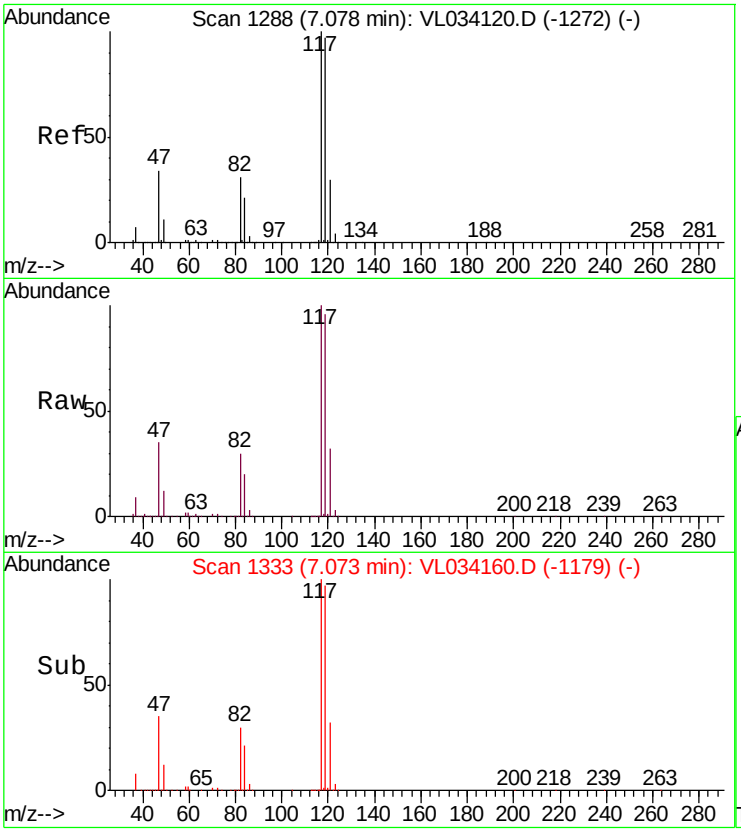


#34
2-Butanone
Concen: 9.454 ppbv
RT: 5.27 min Scan# 773
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Tgt Ion: 43 Resp: 2149931

Ion	Ratio	Lower	Upper
43	100		
72	20.3	16.5	24.7



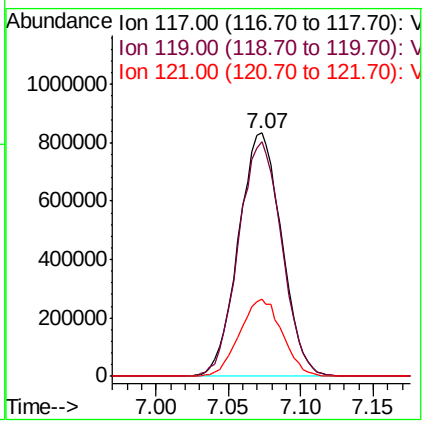


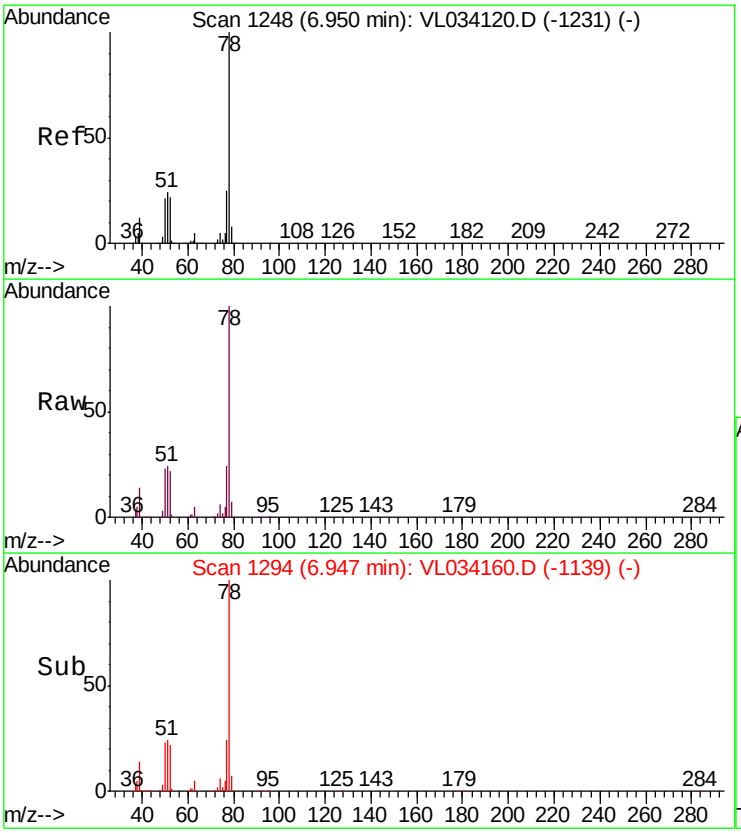
#35
Carbon Tetrachloride
Concen: 9.357 ppbv
RT: 7.07 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 1725554

Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.2	115.8
121	31.5	24.2	36.4

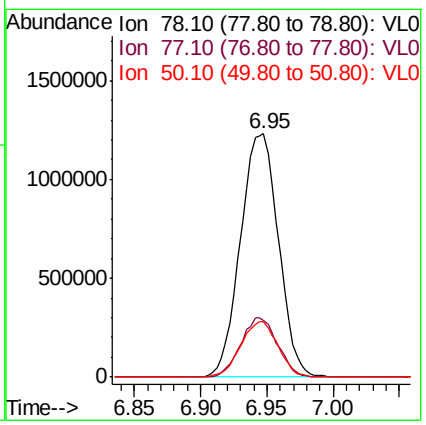


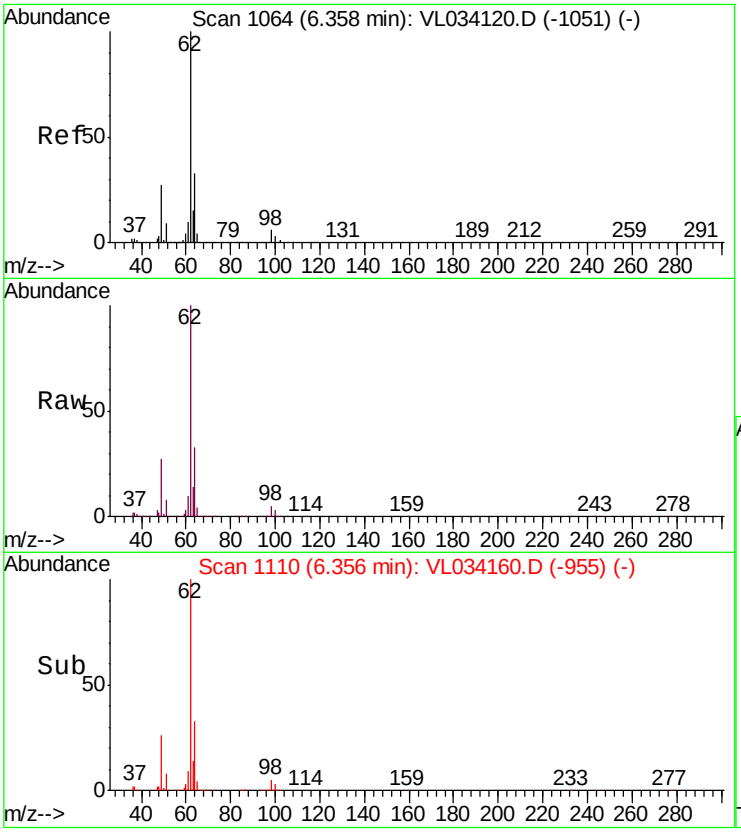


#36
Benzene
Concen: 9.098 ppbv
RT: 6.95 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Tgt Ion: 78 Resp: 2459747

Ion	Ratio	Lower	Upper
78	100		
77	23.5	20.3	30.5
50	22.7	16.9	25.3



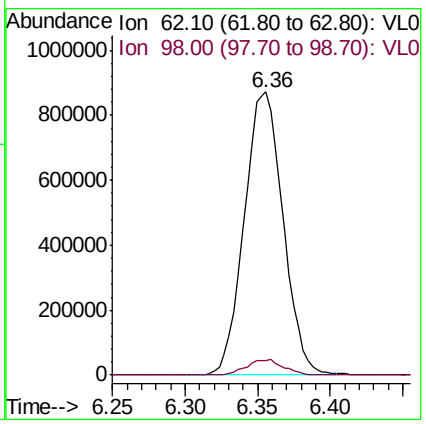


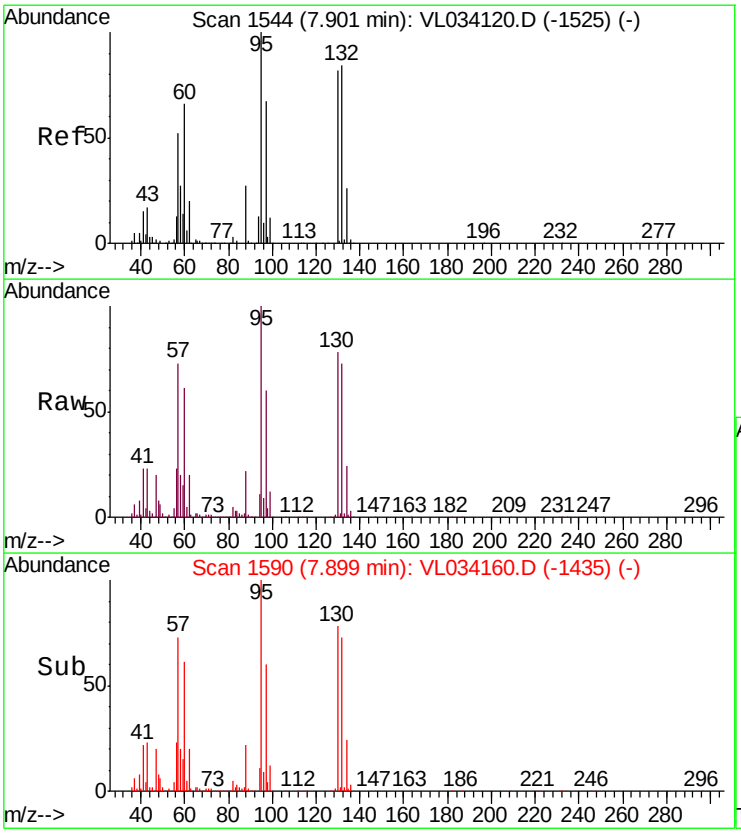
#37
1,2-Dichloroethane
Concen: 9.784 ppbv
RT: 6.36 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 1622798

Ion	Ratio	Lower	Upper
62	100		
98	5.3	4.4	6.6

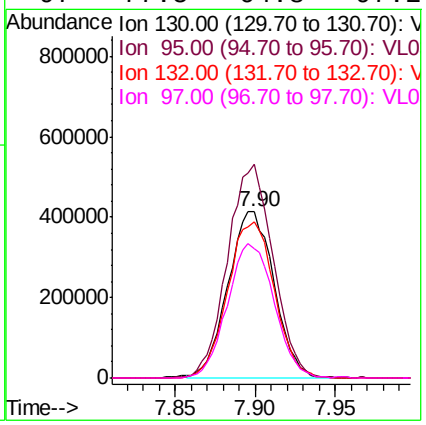


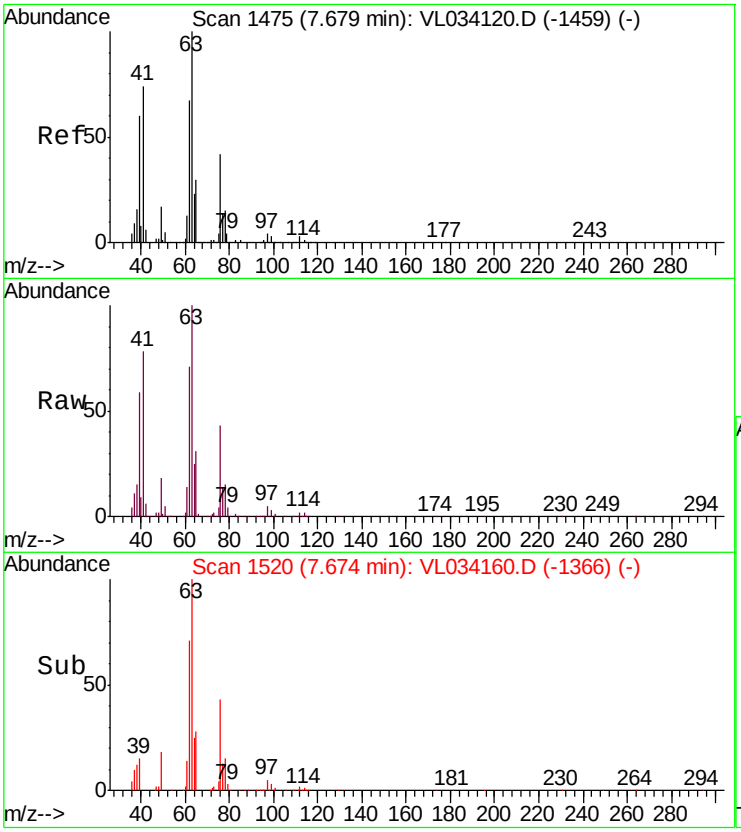


#38
Trichloroethene
Concen: 8.010 ppbv
RT: 7.90 min Scan# 1590
Delta R.T. -0.00 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Tgt Ion:130 Resp: 808095

Ion	Ratio	Lower	Upper
130	100		
95	128.6	97.2	145.8
132	94.1	81.4	122.2
97	77.5	64.8	97.2



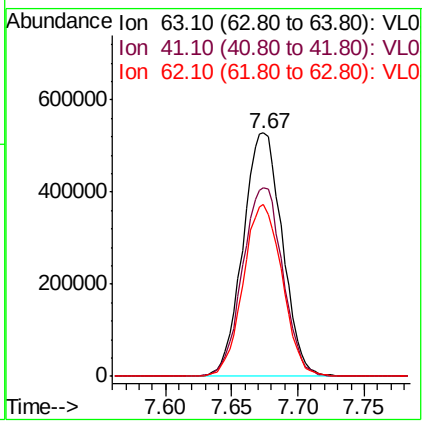


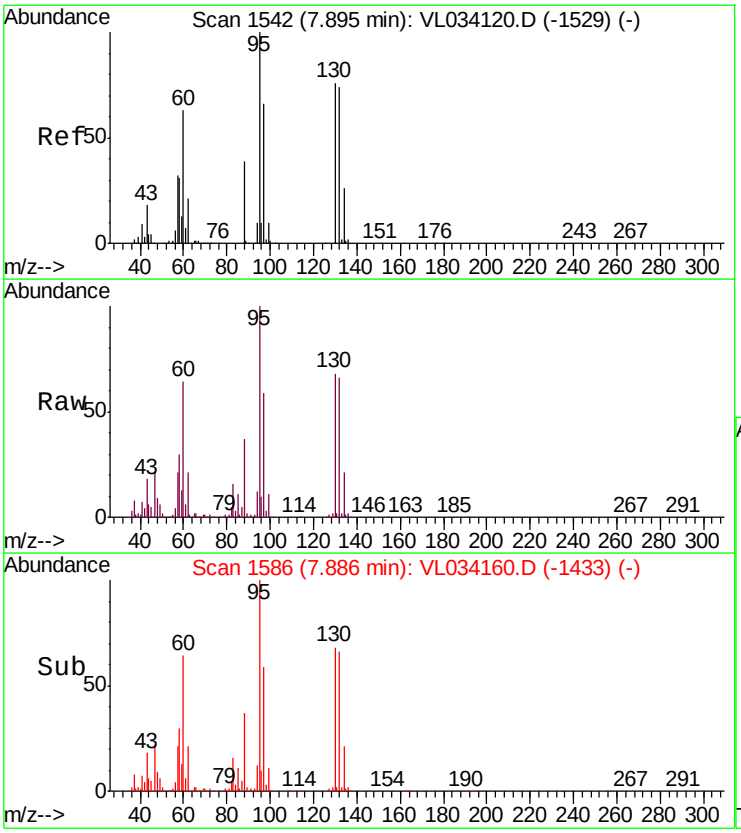
#39
1,2-Dichloropropane
Concen: 9.426 ppbv
RT: 7.67 min Scan# 1520
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 63 Resp: 1090664

Ion	Ratio	Lower	Upper
63	100		
41	77.5	59.3	88.9
62	70.5	53.8	80.6

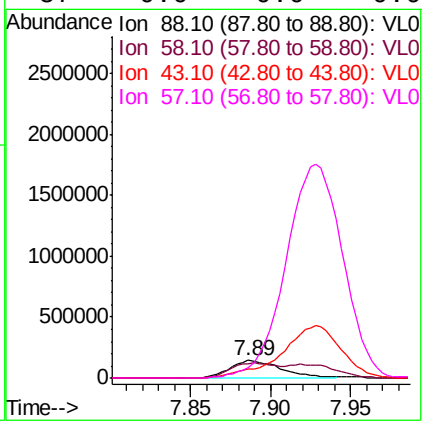


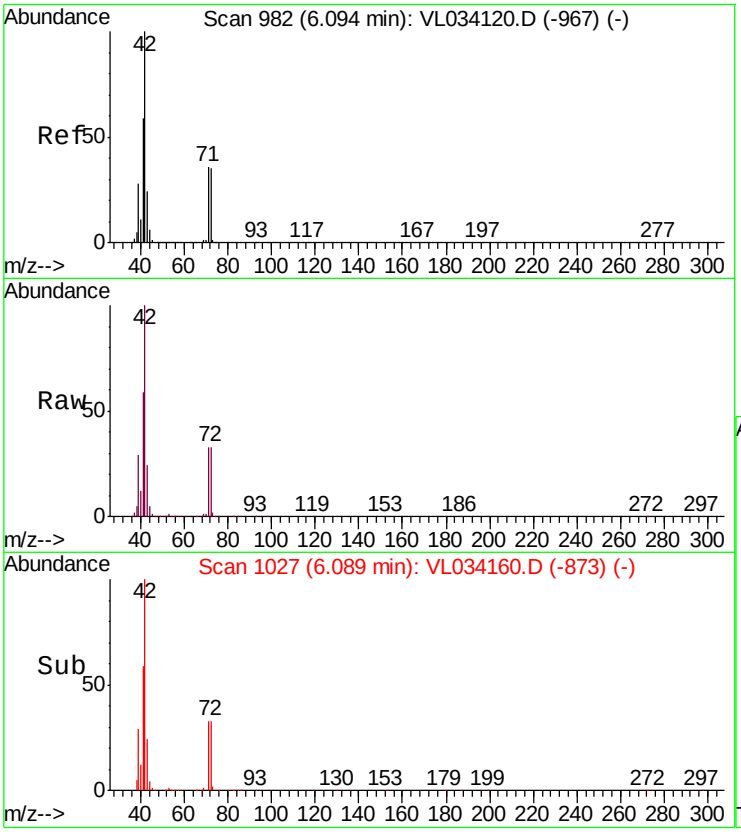


#40
1,4-Dioxane
Concen: 7.292 ppbv
RT: 7.89 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Tgt Ion: 88 Resp: 310089

Ion	Ratio	Lower	Upper
88	100		
58	84.0	121.7	182.5#
43	0.0	0.0	0.0
57	0.0	0.0	0.0



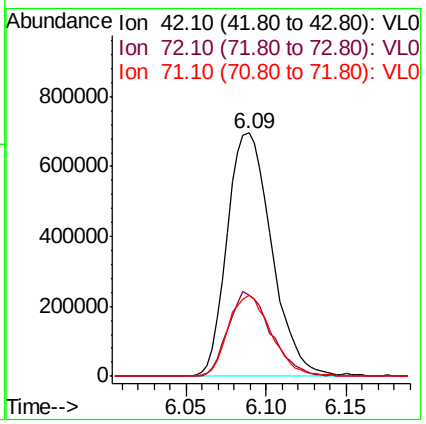


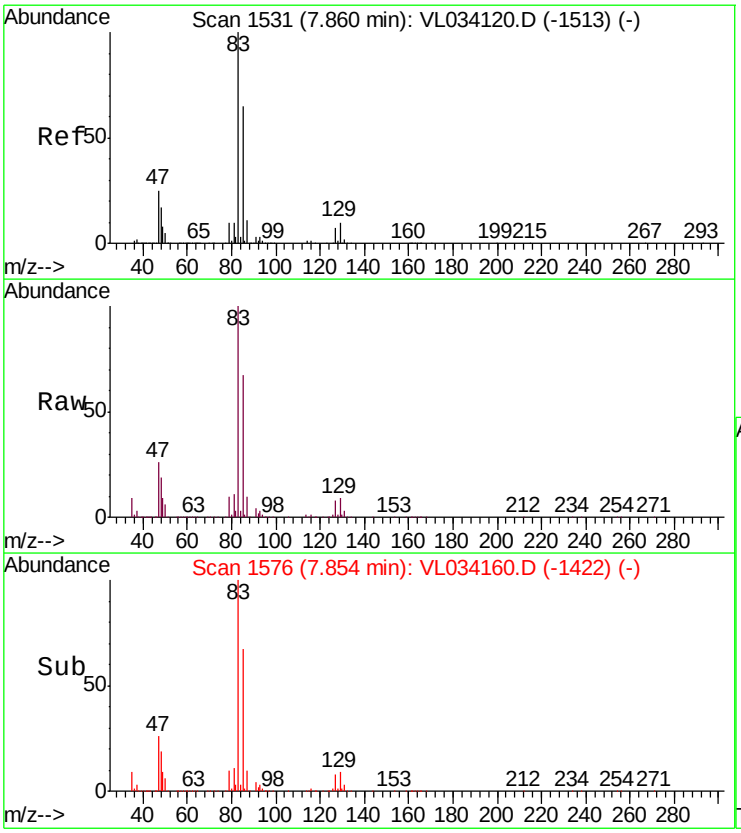
#41
Tetrahydrofuran
Concen: 9.661 ppbv
RT: 6.09 min Scan# 1027
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 42 Resp: 1317067

Ion	Ratio	Lower	Upper
42	100		
72	33.5	27.7	41.5
71	32.6	26.7	40.1

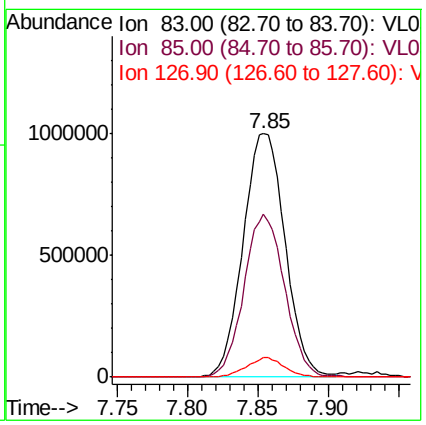


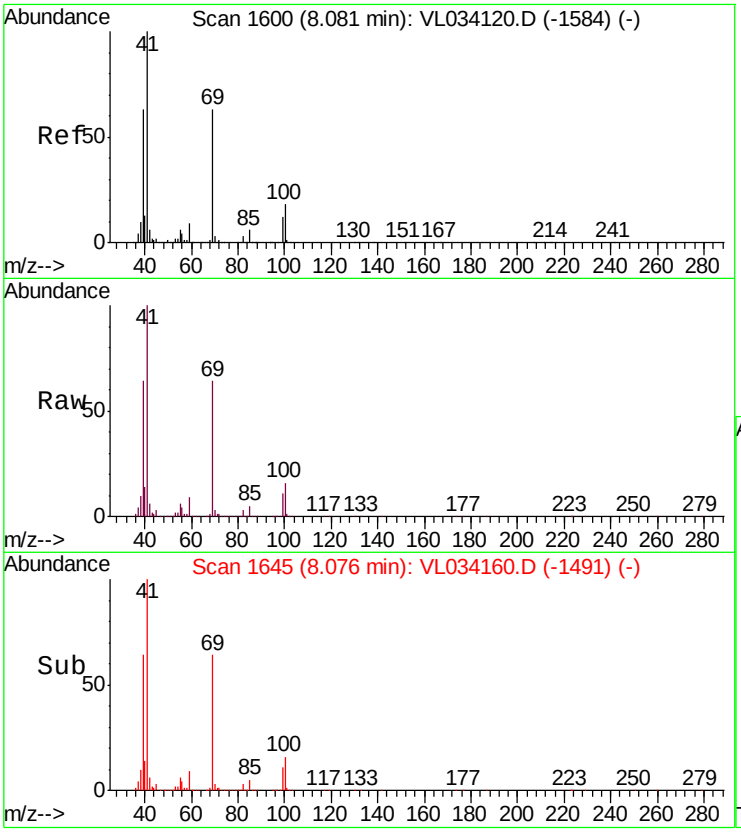


#42
Bromodichloromethane
Concen: 9.632 ppbv
RT: 7.85 min Scan# 1576
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Tgt Ion: 83 Resp: 2082096

Ion	Ratio	Lower	Upper
83	100		
85	67.1	51.6	77.4
127	8.0	5.4	8.0



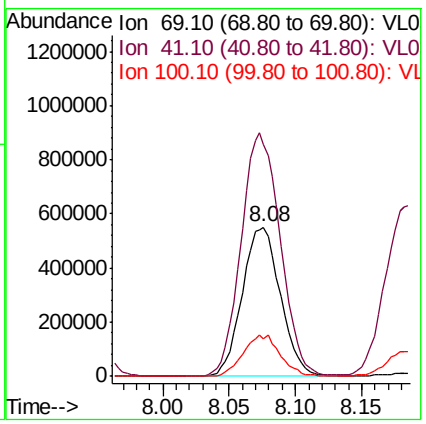


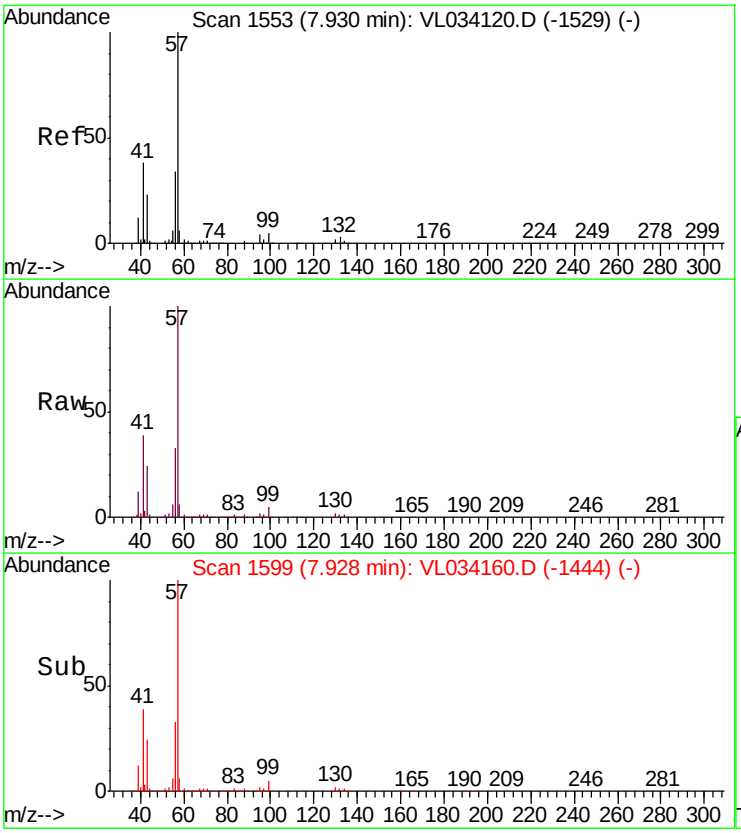
#43
Methyl Methacrylate
Concen: 9.896 ppbv
RT: 8.08 min Scan# 1645
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 1102222

Ion	Ratio	Lower	Upper
69	100		
41	166.9	131.0	196.6
100	27.0	22.6	33.8

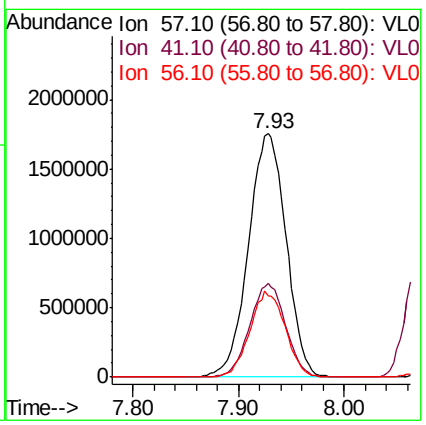


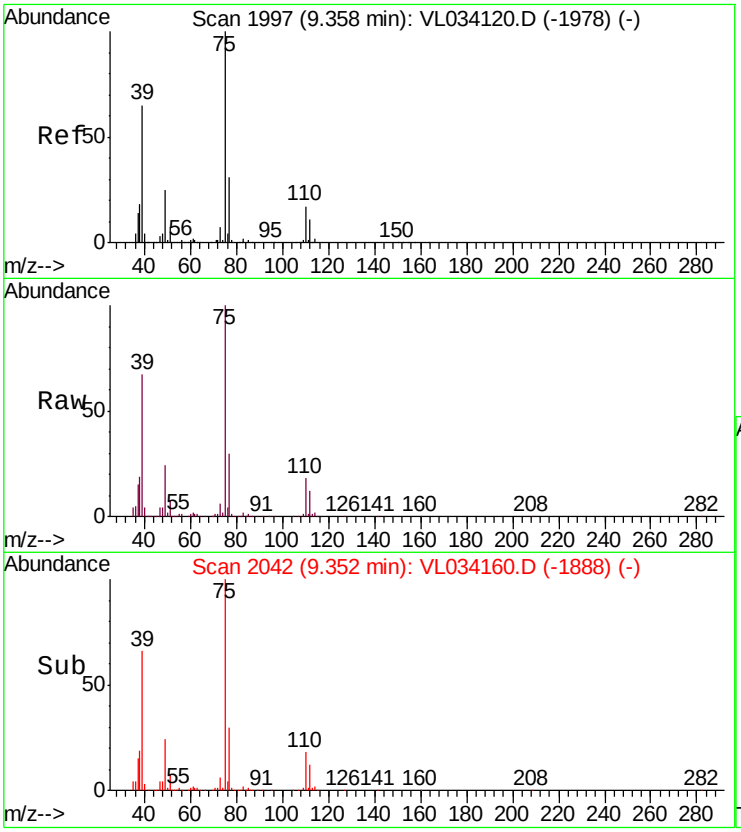


#44
2,2,4-Trimethylpentane
Concen: 8.753 ppbv
RT: 7.93 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Tgt Ion: 57 Resp: 4363356

Ion	Ratio	Lower	Upper
57	100		
41	36.6	28.4	42.6
56	33.0	26.3	39.5



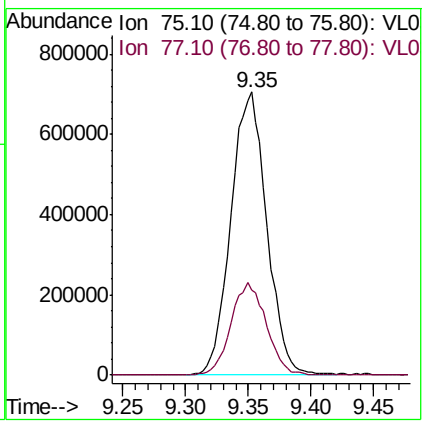


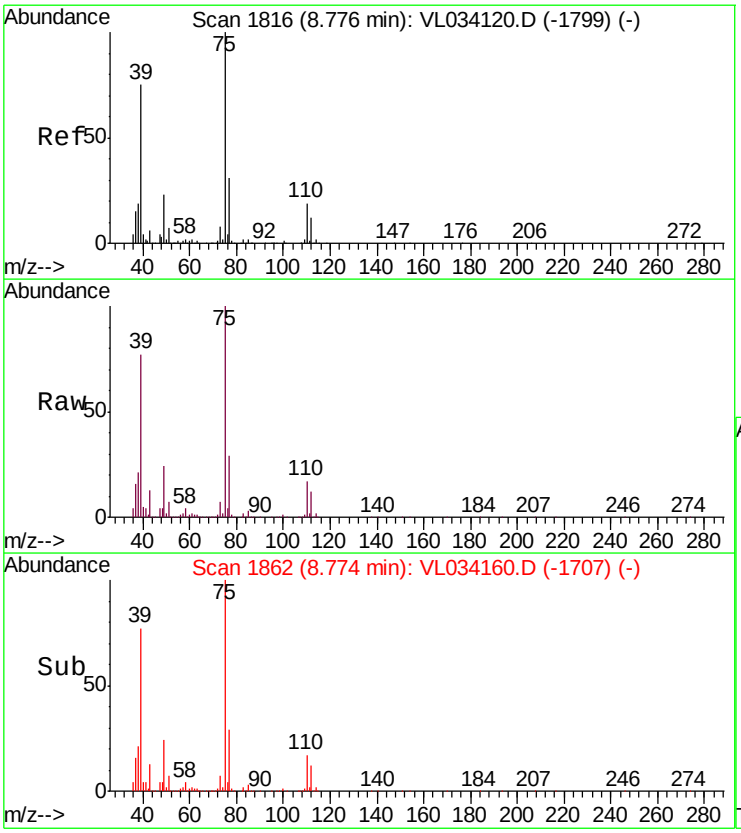
#45
t-1,3-Dichloropropene
Concen: 10.662 ppbv
RT: 9.35 min Scan# 2042
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 1395823

Ion	Ratio	Lower	Upper
75	100		
77	29.8	24.6	36.8

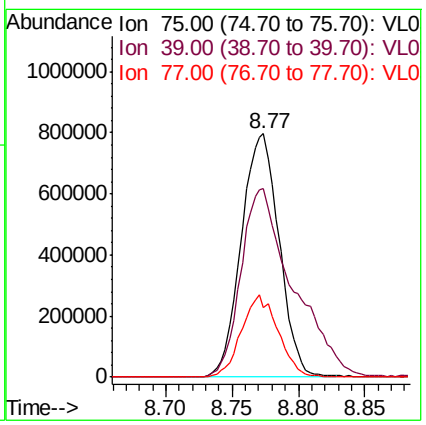


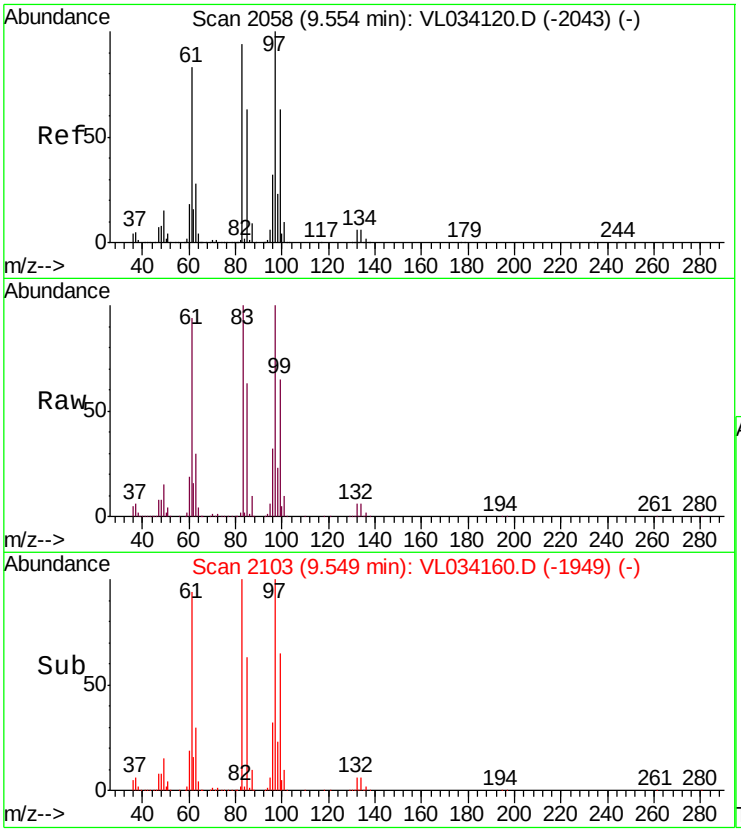


#46
cis-1,3-Dichloropropene
Concen: 9.930 ppbv
RT: 8.77 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Tgt Ion: 75 Resp: 1581454

Ion	Ratio	Lower	Upper
75	100		
39	77.3	60.0	90.0
77	28.8	24.8	37.2



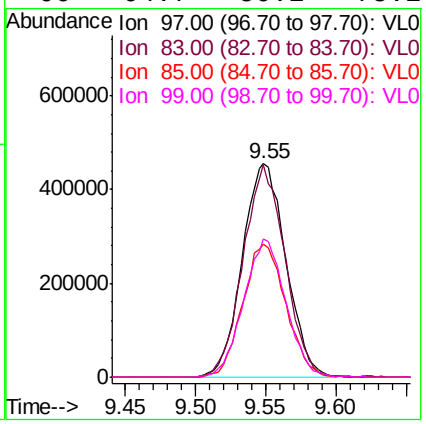


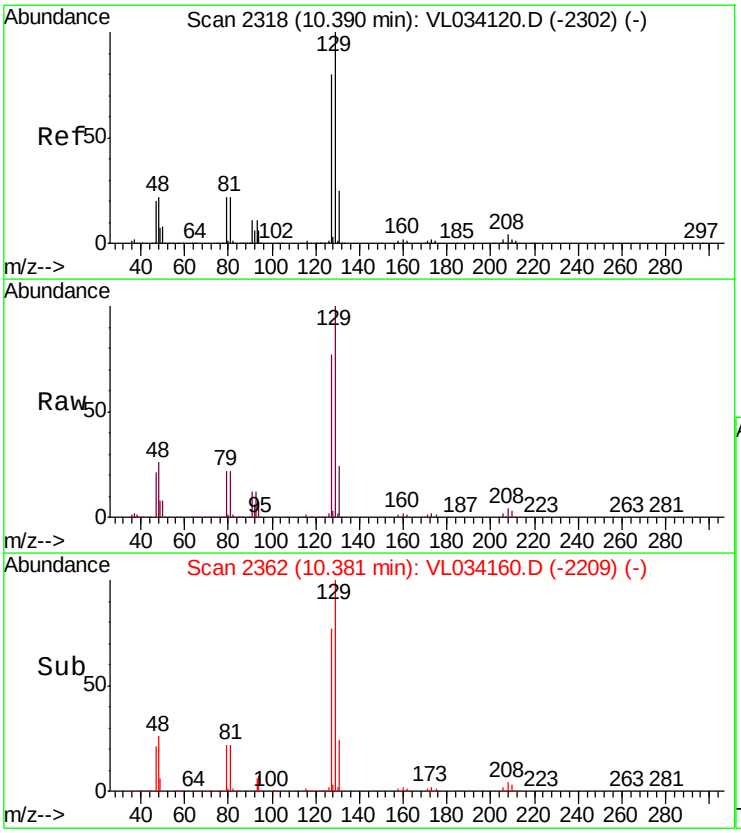
#47
1,1,2-Trichloroethane
Concen: 9.332 ppbv
RT: 9.55 min Scan# 2103
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 97 Resp: 983697

Ion	Ratio	Lower	Upper
97	100		
83	99.6	74.9	112.3
85	62.6	50.6	75.8
99	64.7	50.2	75.2

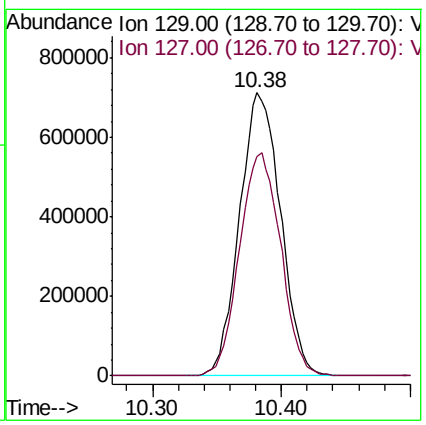


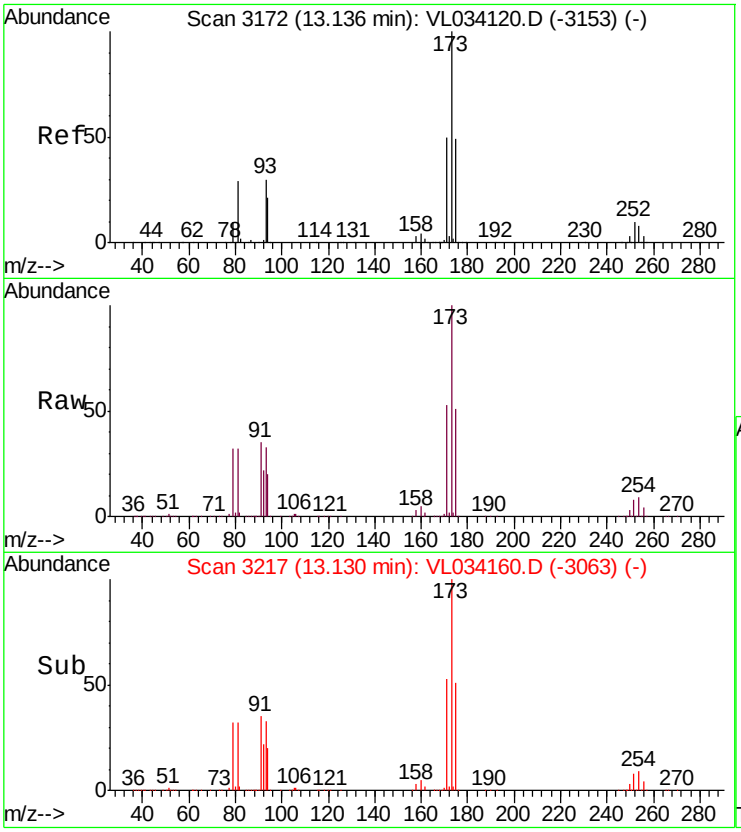


#48
Dibromochloromethane
Concen: 10.049 ppbv
RT: 10.38 min Scan# 2362
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Tgt Ion:129 Resp: 1580645

Ion	Ratio	Lower	Upper
129	100		
127	78.9	40.2	120.6



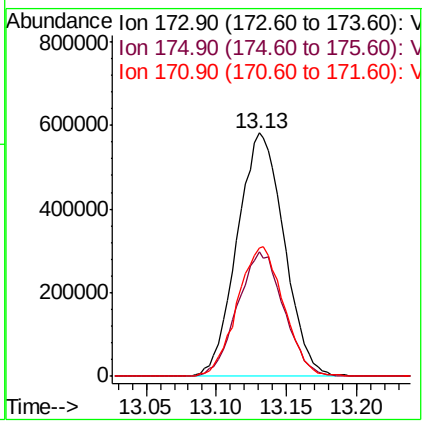


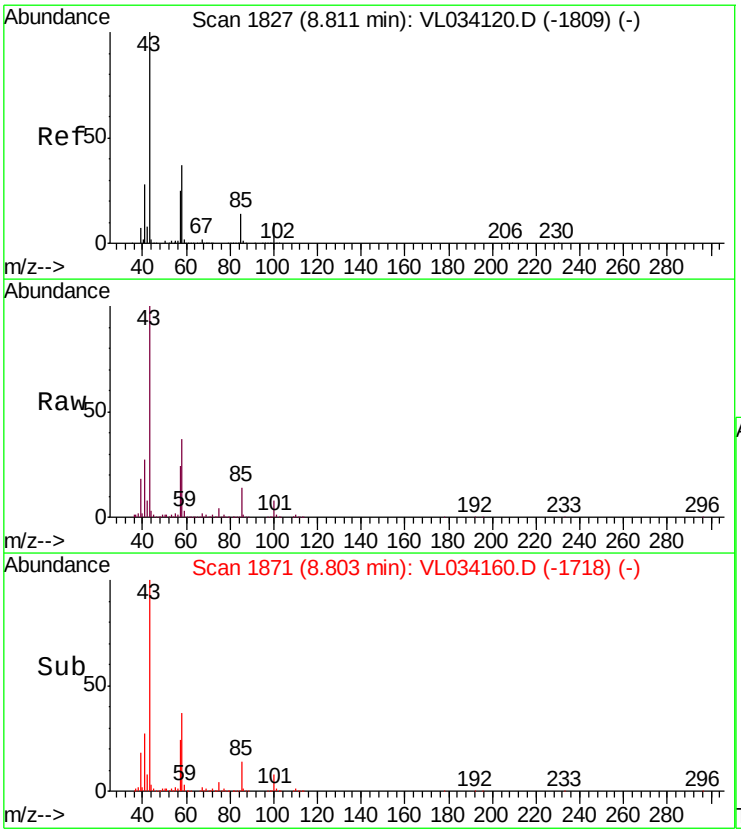
#49
Bromoform
Concen: 9.767 ppbv
RT: 13.13 min Scan# 3217
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 1346929

Ion	Ratio	Lower	Upper
173	100		
175	50.8	40.0	60.0
171	53.2	42.2	63.2

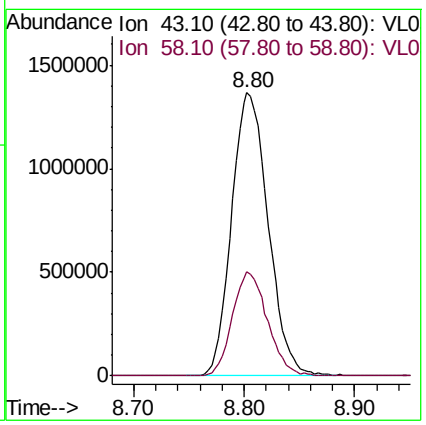


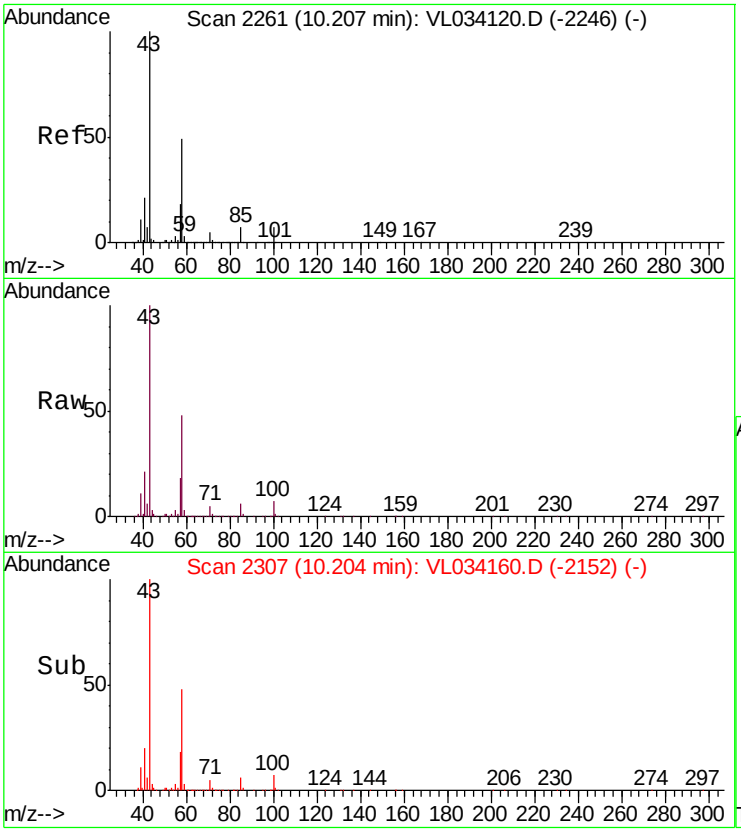


#50
4-Methyl-2-Pentanone
Concen: 9.045 ppbv
RT: 8.80 min Scan# 1871
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Tgt Ion: 43 Resp: 3138852

Ion	Ratio	Lower	Upper
43	100		
58	35.3	28.5	42.7



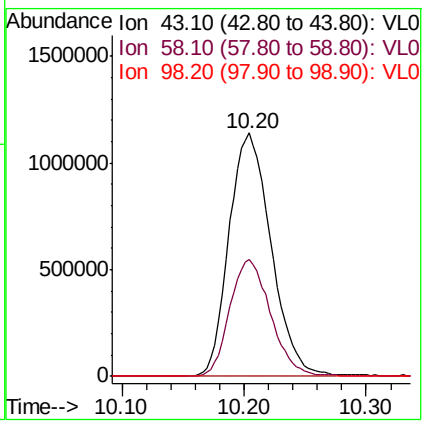


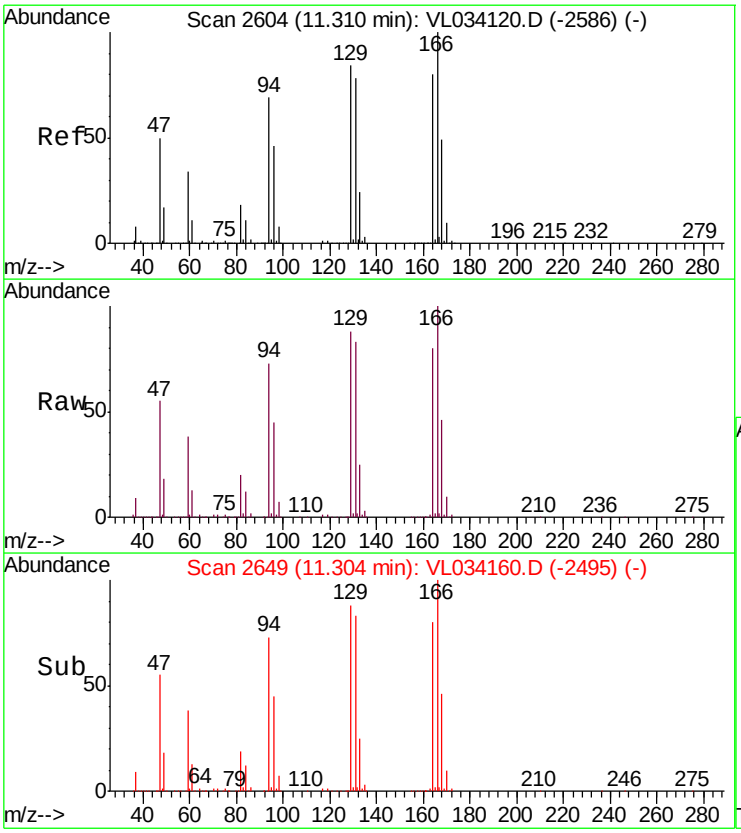
#51
2-Hexanone
Concen: 9.090 ppbv
RT: 10.20 min Scan# 2307
Delta R.T. -0.00 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 43 Resp: 2724889

Ion	Ratio	Lower	Upper
43	100		
58	46.7	38.2	57.2
98	0.2	0.1	0.1#

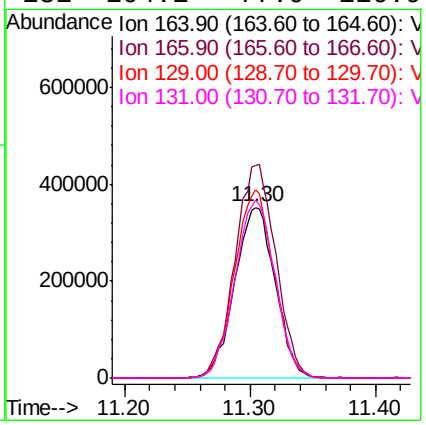


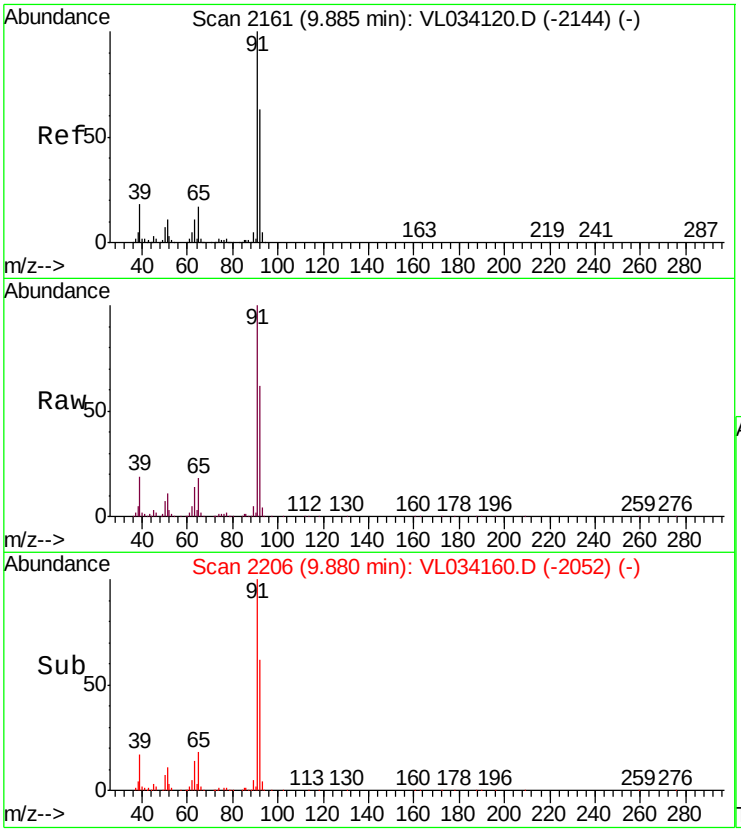


#52
Tetrachloroethene
Concen: 8.240 ppbv
RT: 11.30 min Scan# 2649
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Tgt Ion:164 Resp: 785584

Ion	Ratio	Lower	Upper
164	100		
166	125.1	99.5	149.3
129	110.2	83.6	125.4
131	104.1	77.9	116.9



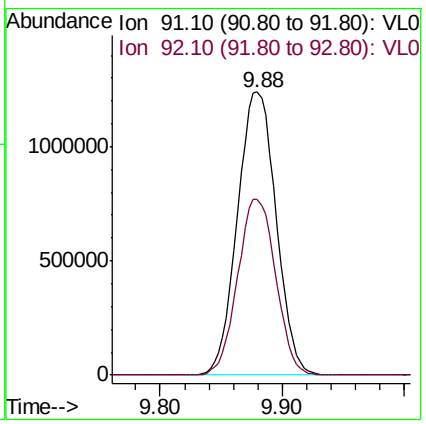


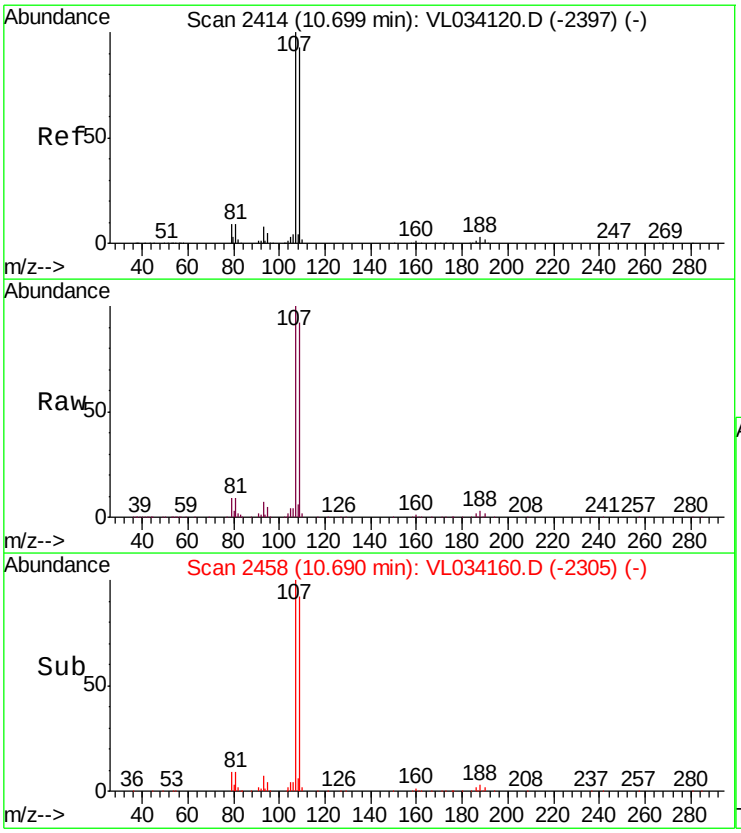
#53
Toluene
Concen: 9.073 ppbv
RT: 9.88 min Scan# 2206
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 91 Resp: 2713047

Ion	Ratio	Lower	Upper
91	100		
92	61.3	49.3	73.9

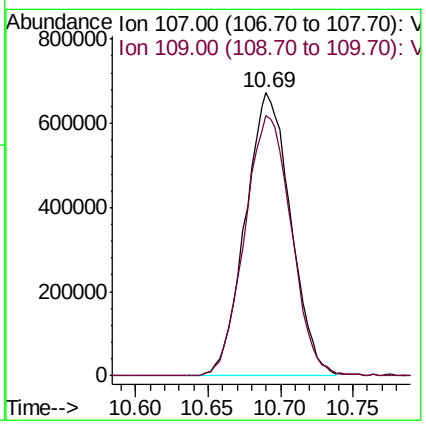


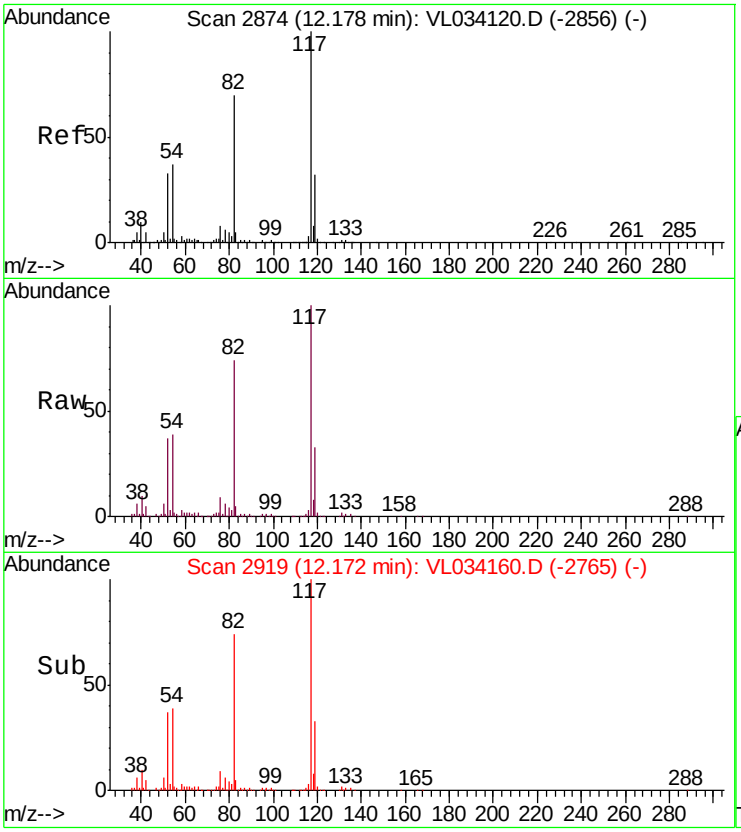


#54
1,2-Dibromoethane
Concen: 9.297 ppbv
RT: 10.69 min Scan# 2458
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Tgt Ion:107 Resp: 1459995

Ion	Ratio	Lower	Upper
107	100		
109	91.8	74.5	111.7



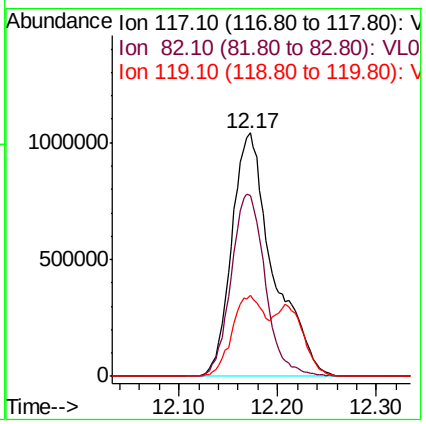


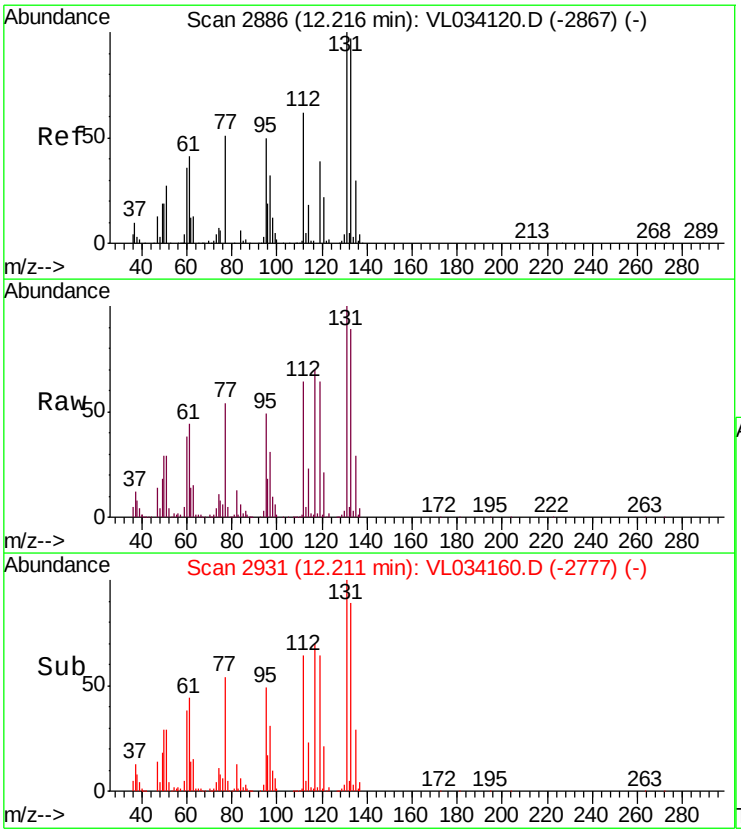
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.17 min Scan# 2919
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 3033452

Ion	Ratio	Lower	Upper
117	100		
82	61.7	55.8	83.6
119	24.8	43.1	64.7#

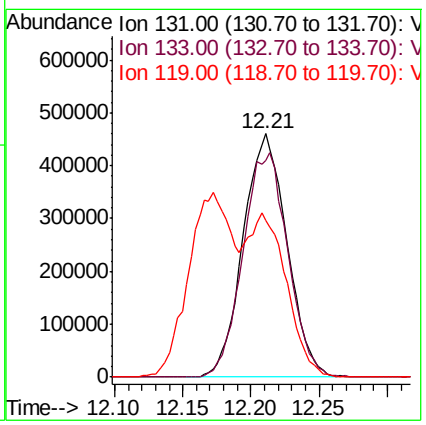


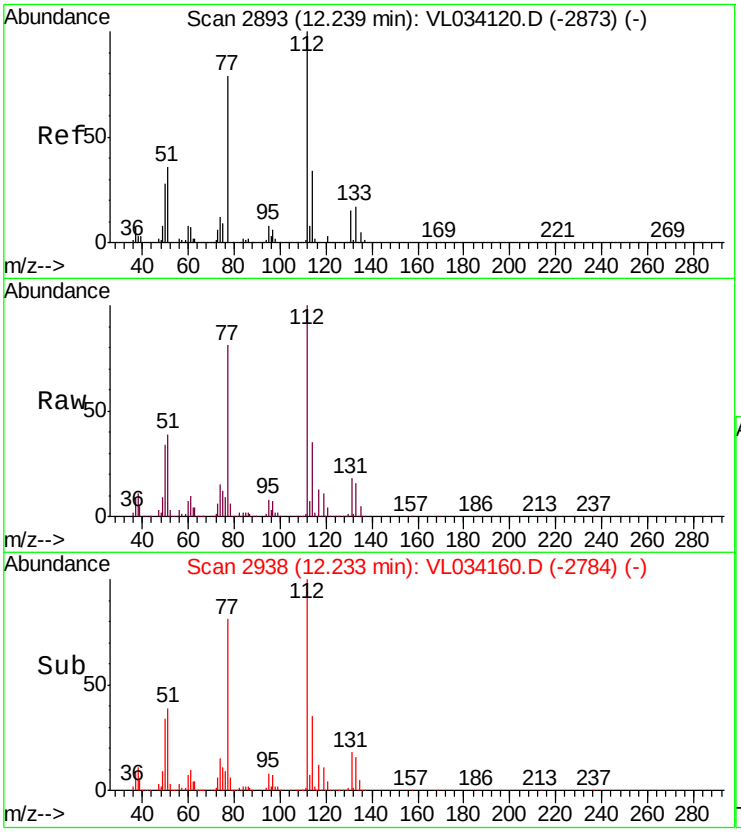


#56
1,1,1,2-Tetrachloroethane
Concen: 7.878 ppbv
RT: 12.21 min Scan# 2931
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Tgt Ion:131 Resp: 1024907

Ion	Ratio	Lower	Upper
131	100		
133	95.1	75.8	113.6
119	57.0	114.7	172.1#



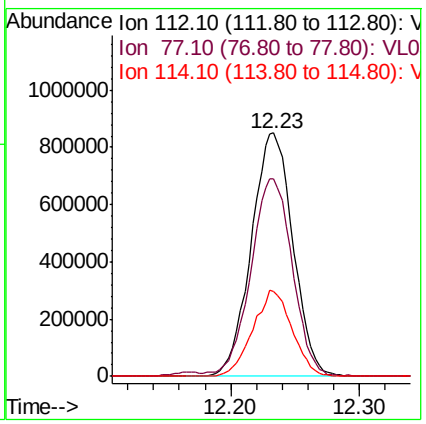


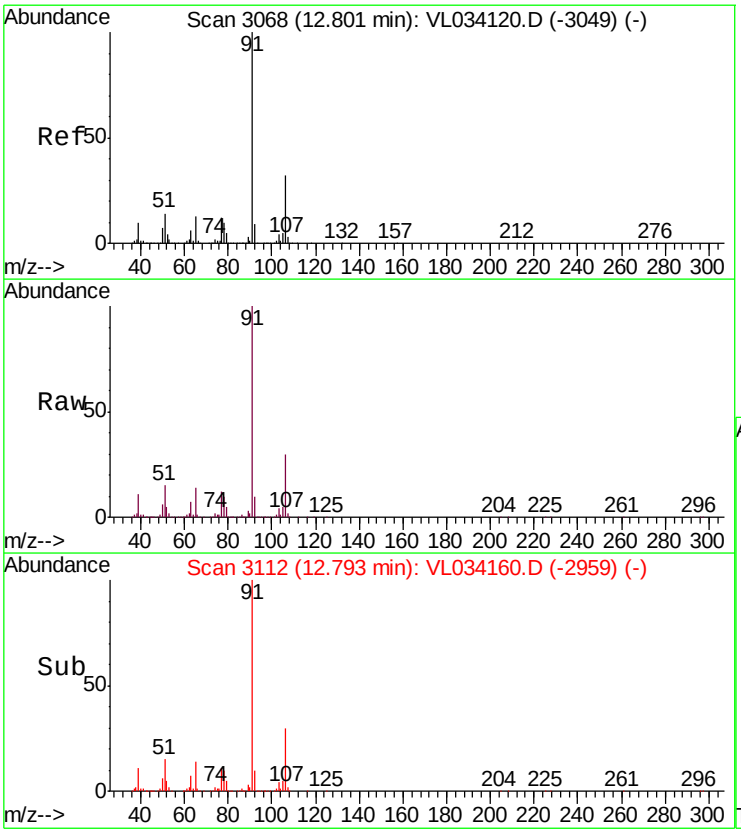
#57
Chlorobenzene
Concen: 7.306 ppbv
RT: 12.23 min Scan# 2938
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 1906425

Ion	Ratio	Lower	Upper
112	100		
77	80.5	64.4	96.6
114	34.8	30.3	37.1

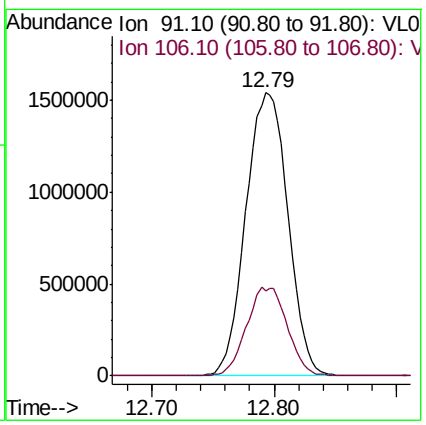


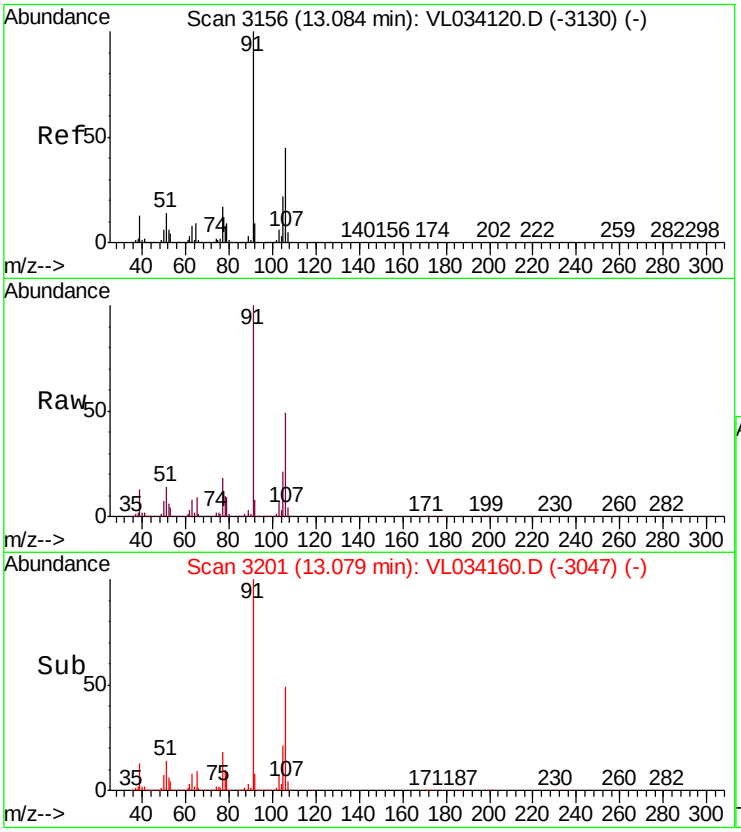


#58
Ethyl Benzene
Concen: 7.401 ppbv
RT: 12.79 min Scan# 3112
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Tgt Ion: 91 Resp: 3681670

Ion	Ratio	Lower	Upper
91	100		
106	30.0	25.3	37.9



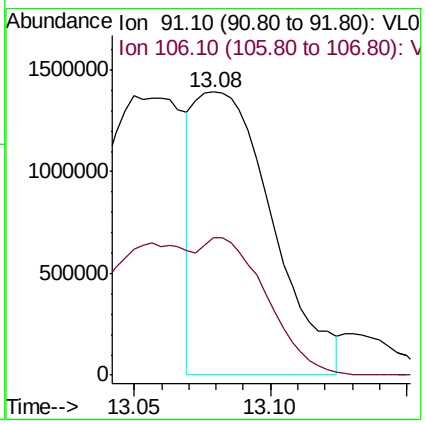


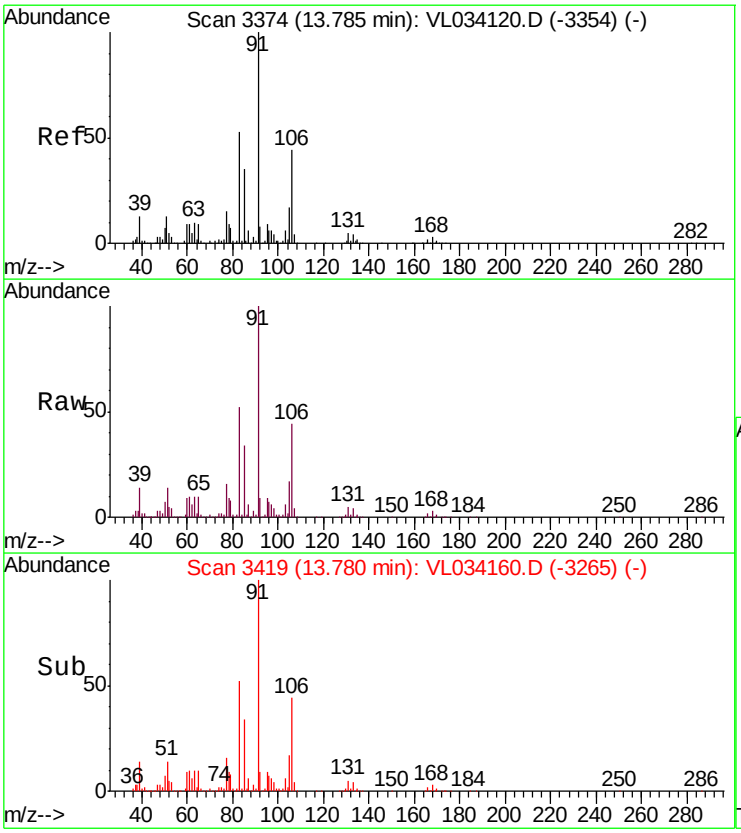
#59
m/p-Xylene
Concen: 6.764 ppbv
RT: 13.08 min Scan# 3201
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 91 Resp: 2744813

Ion	Ratio	Lower	Upper
91	100		
106	96.8	35.4	53.2#

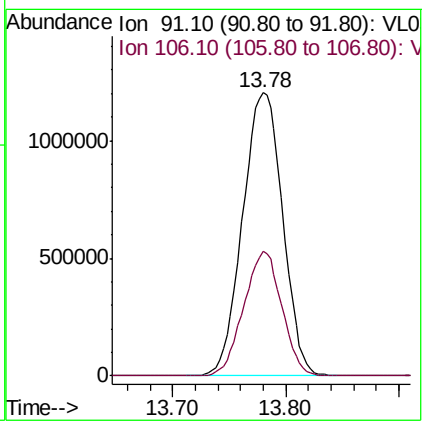


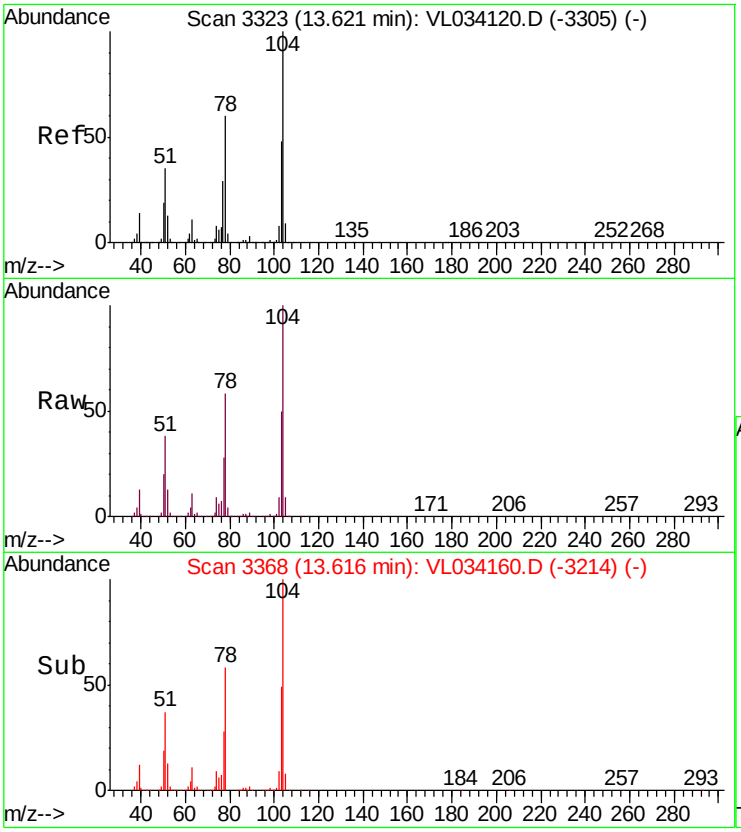


#60
o-Xylene
Concen: 7.320 ppbv
RT: 13.78 min Scan# 3419
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Tgt Ion: 91 Resp: 2958503

Ion	Ratio	Lower	Upper
91	100		
106	41.9	21.4	64.3



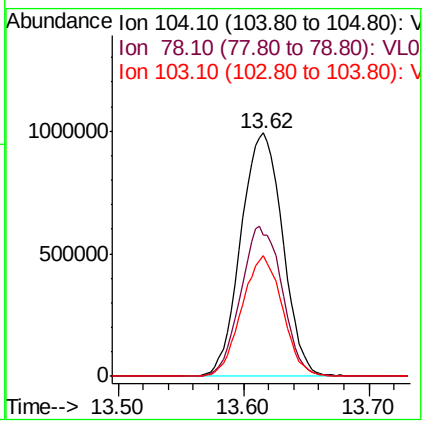


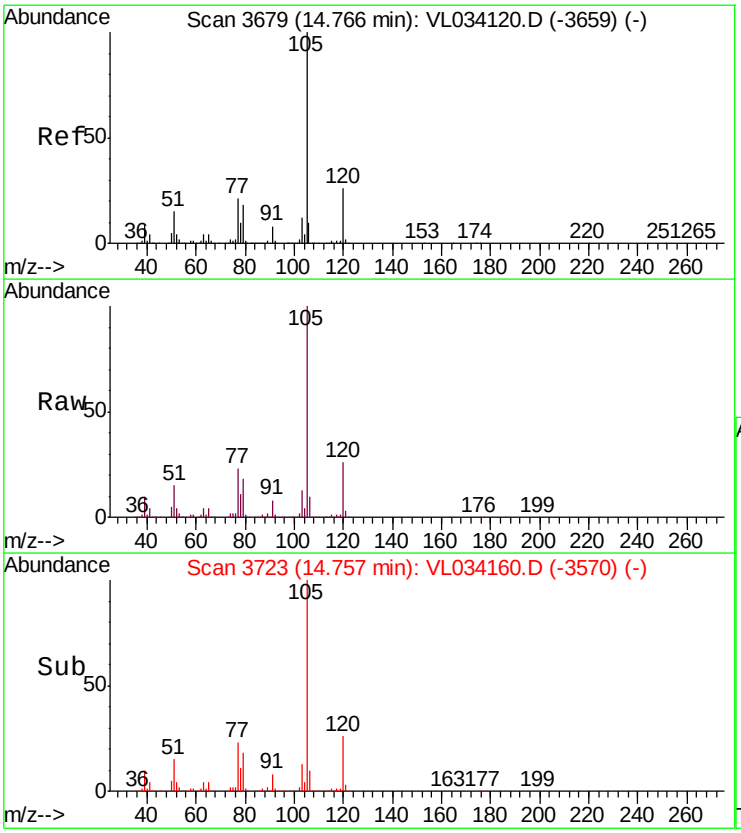
#61
Styrene
Concen: 7.603 ppbv
RT: 13.62 min Scan# 3368
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 2298344

Ion	Ratio	Lower	Upper
104	100		
78	61.0	47.8	71.6
103	48.2	38.7	58.1

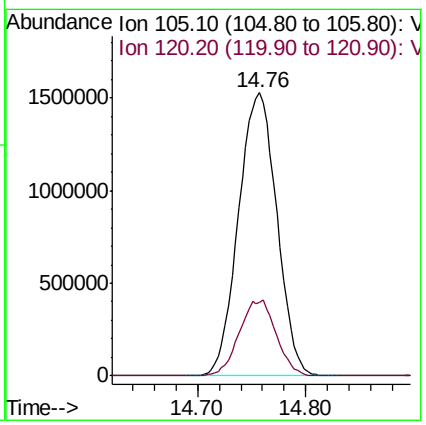


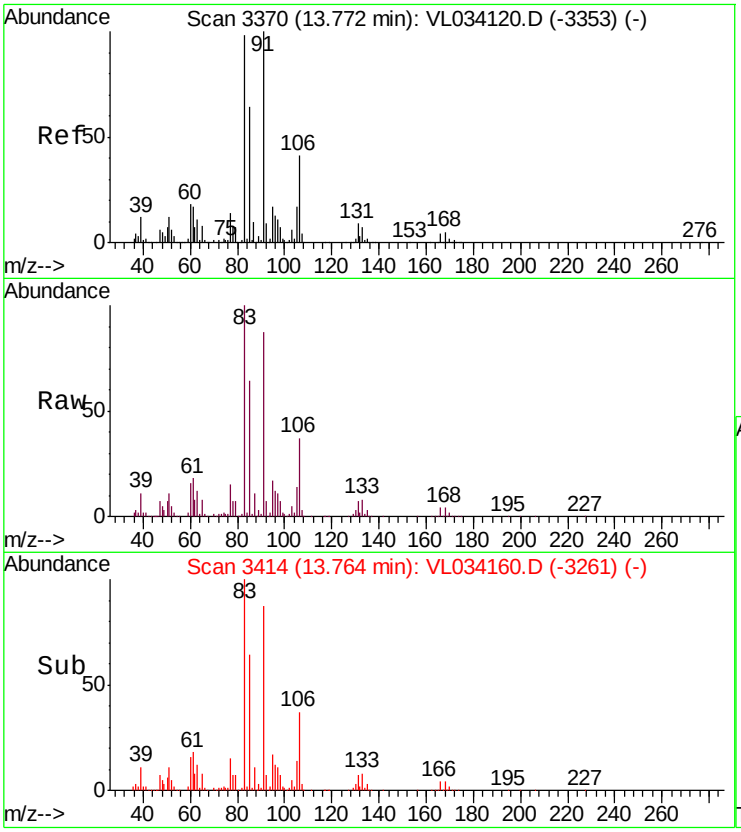


#62
Isopropylbenzene
Concen: 7.192 ppbv
RT: 14.76 min Scan# 3723
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Tgt Ion:105 Resp: 3781805

Ion	Ratio	Lower	Upper
105	100		
120	25.8	20.6	31.0



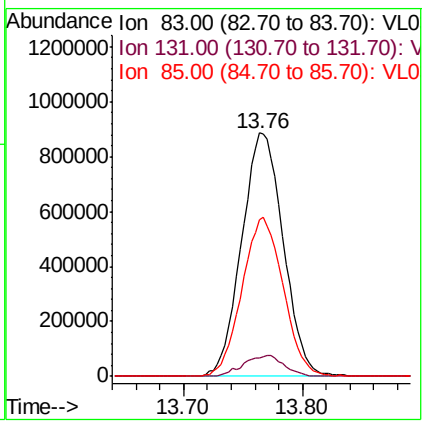


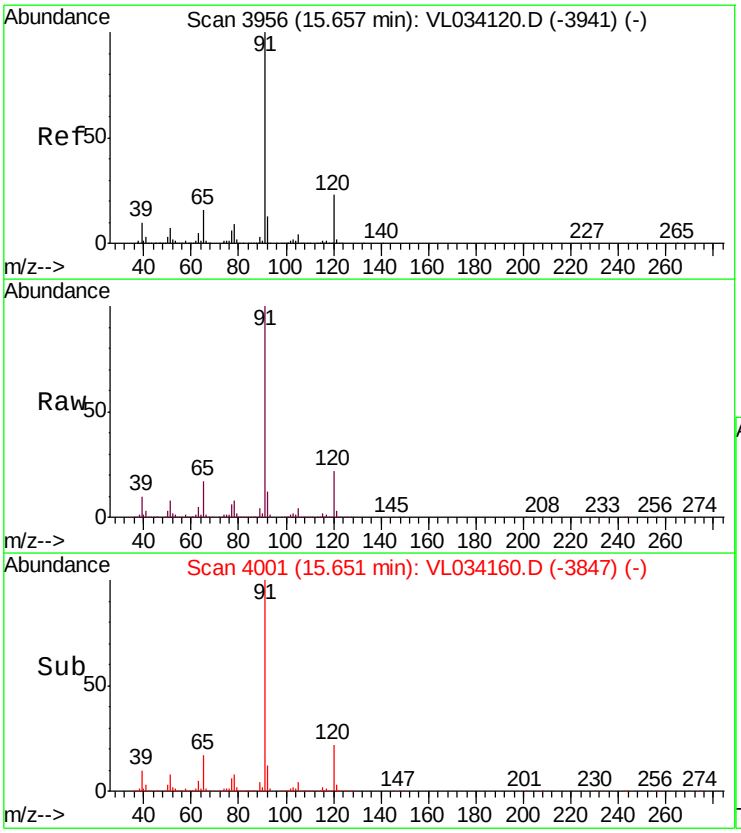
#63
1,1,2,2-Tetrachloroethane
Concen: 6.507 ppbv
RT: 13.76 min Scan# 3414
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 2143274

Ion	Ratio	Lower	Upper
83	100		
131	8.5	4.3	12.8
85	64.9	32.5	97.5

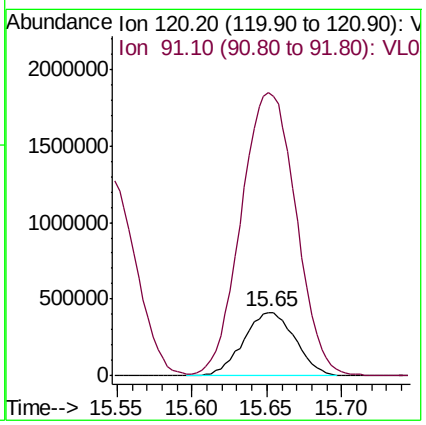


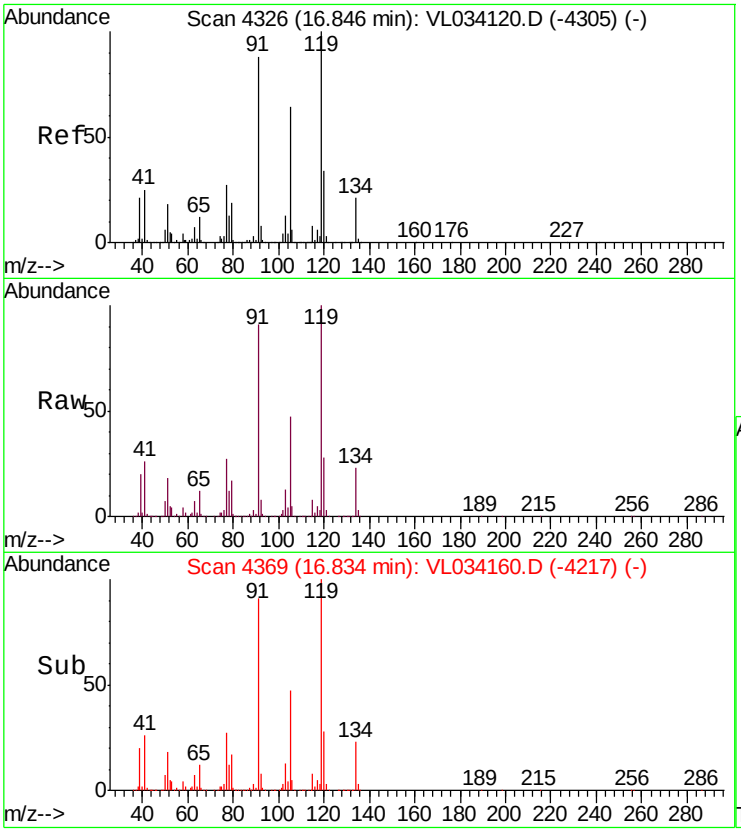


#64
n-propylbenzene
Concen: 7.534 ppbv
RT: 15.65 min Scan# 4001
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Tgt Ion:120 Resp: 992513

Ion	Ratio	Lower	Upper
120	100		
91	477.2	376.8	565.2



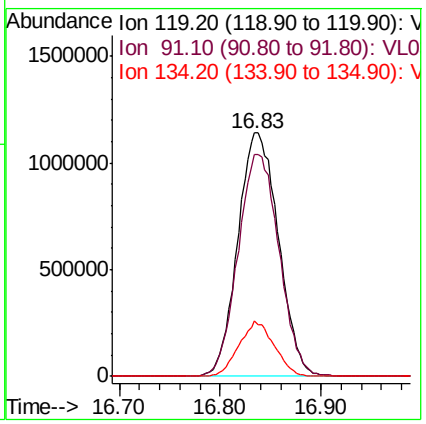


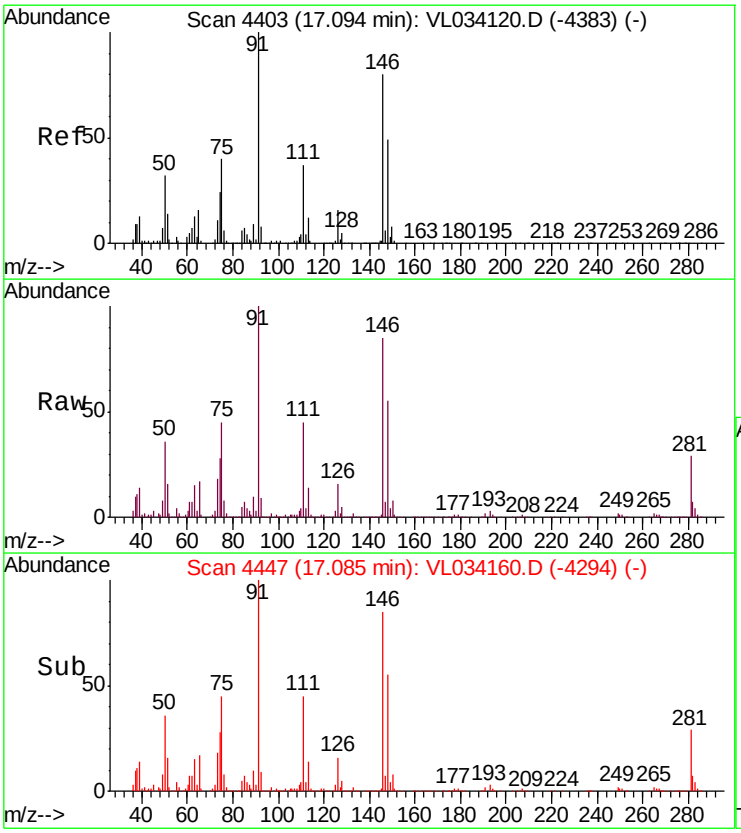
#65
tert-Butylbenzene
Concen: 7.018 ppbv
RT: 16.83 min Scan# 4369
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 3184991

Ion	Ratio	Lower	Upper
119	100		
91	92.4	72.8	109.2
134	19.7	15.8	23.8

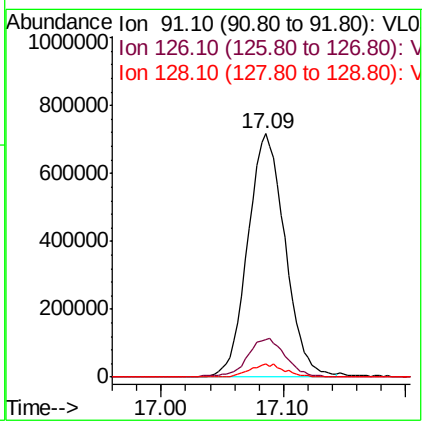


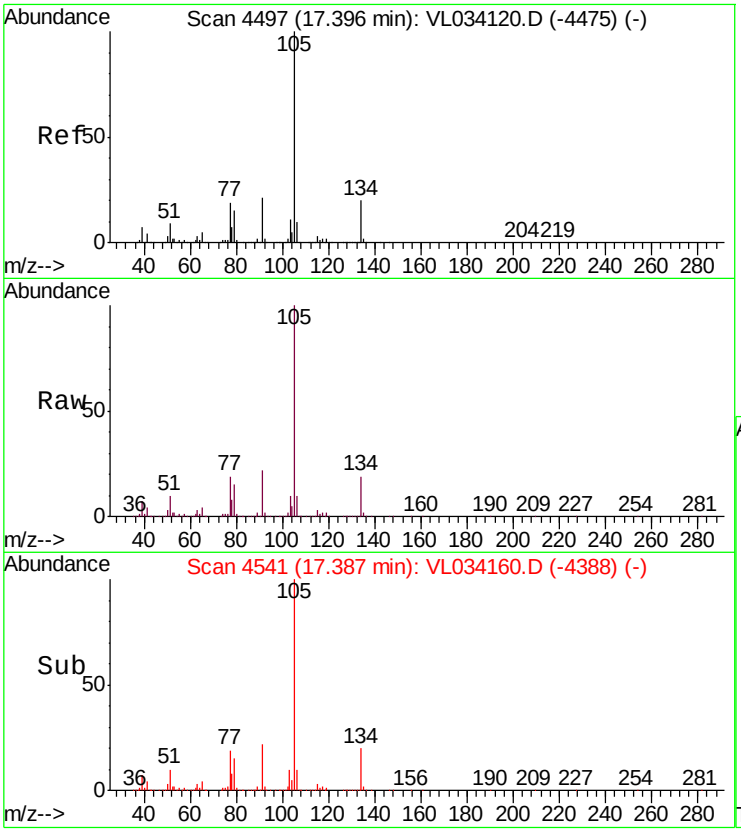


#66
Benzyl Chloride
Concen: 9.049 ppbv
RT: 17.09 min Scan# 4447
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Tgt Ion: 91 Resp: 1514038

Ion	Ratio	Lower	Upper
91	100		
126	16.4	13.7	20.5
128	5.0	4.2	6.4



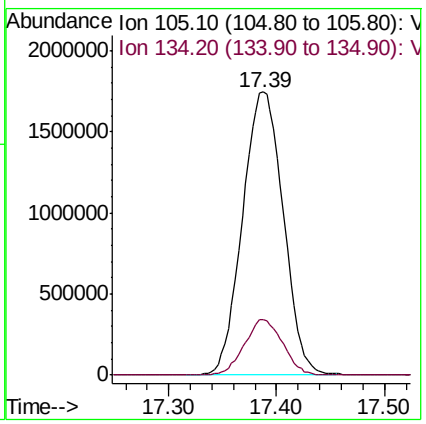


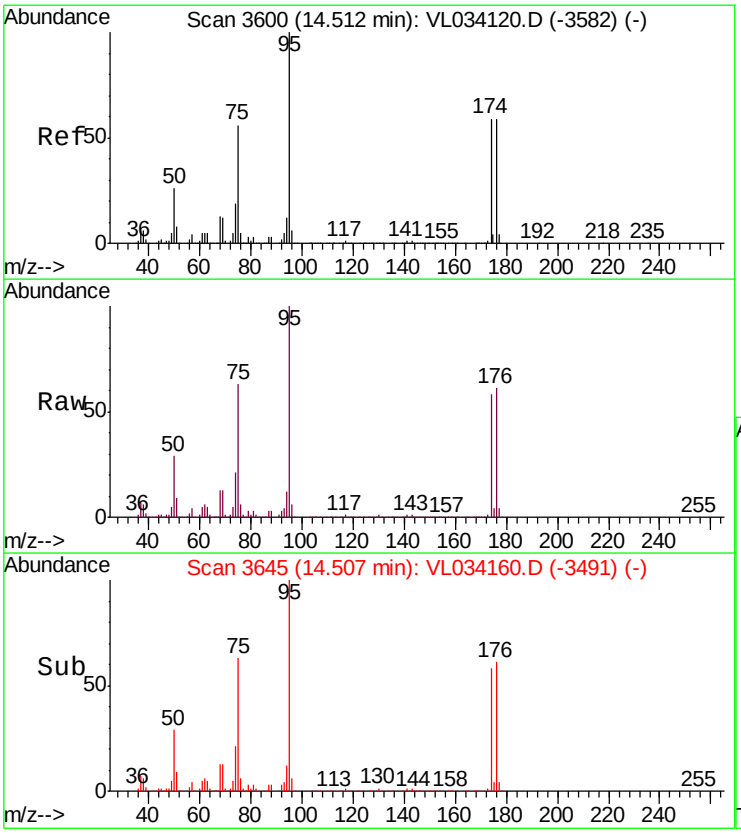
#67
sec-Butylbenzene
Concen: 7.005 ppbv
RT: 17.39 min Scan# 4541
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 4571675

Ion	Ratio	Lower	Upper
105	100		
134	18.5	15.0	22.4

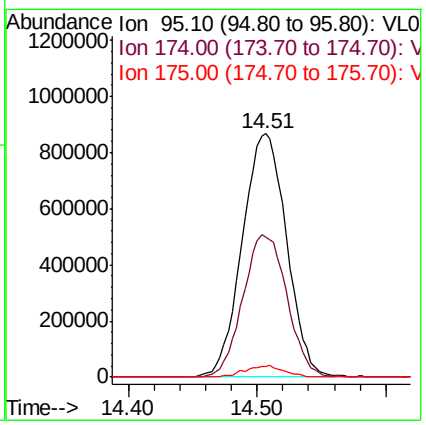


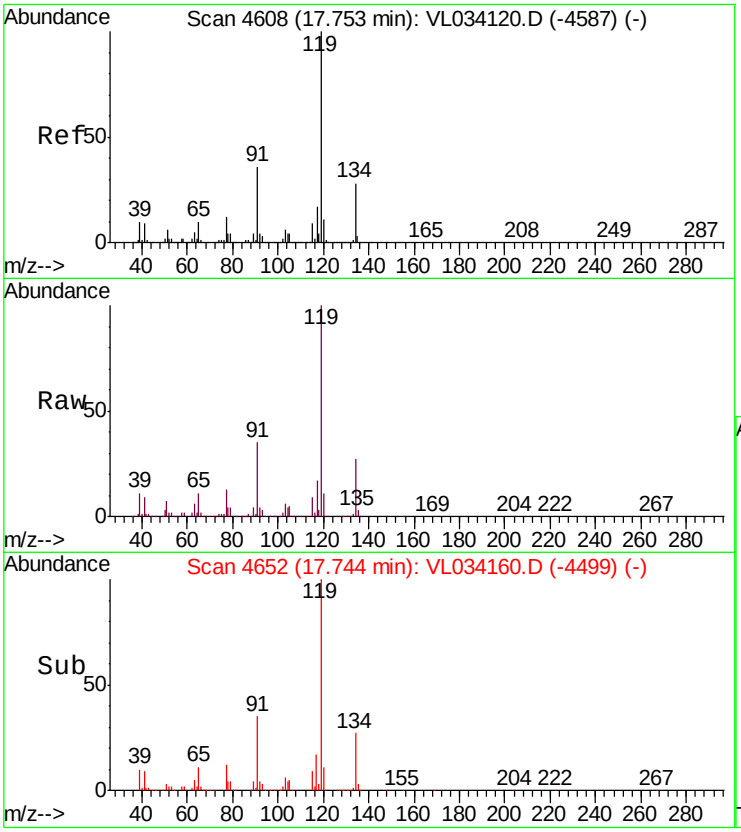


#68
1-Bromo-4-Fluorobenzene
Concen: 8.352 ppbv
RT: 14.51 min Scan# 3645
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Tgt Ion: 95 Resp: 2071269

Ion	Ratio	Lower	Upper
95	100		
174	58.5	48.1	72.1
175	4.2	3.5	5.3



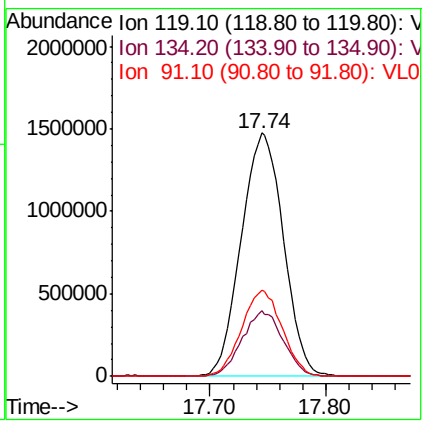


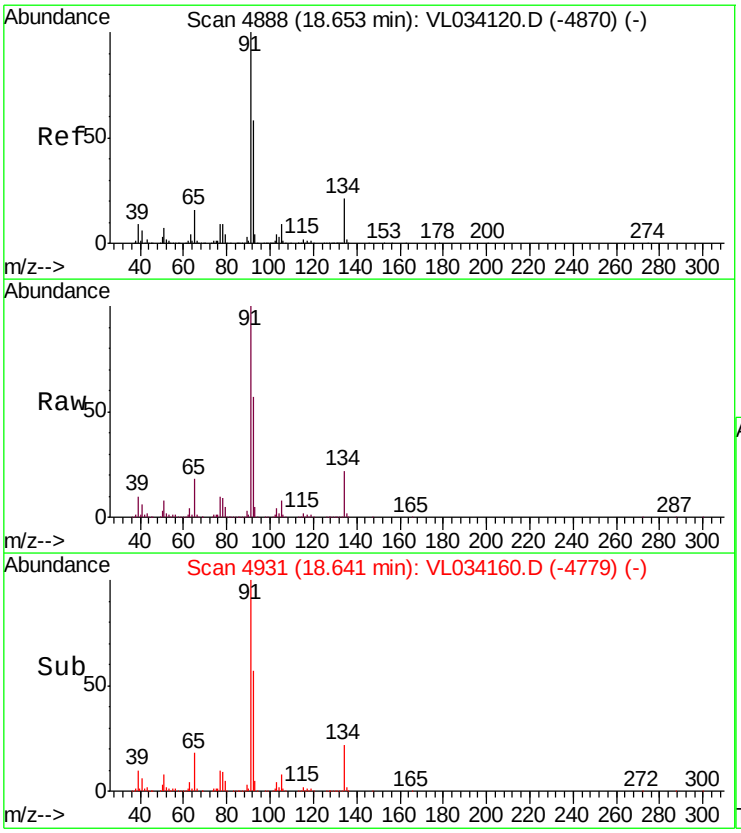
#69
p-Isopropyltoluene
Concen: 7.154 ppbv
RT: 17.74 min Scan# 4652
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 3735563

Ion	Ratio	Lower	Upper
119	100		
134	26.1	20.8	31.2
91	34.1	27.2	40.8

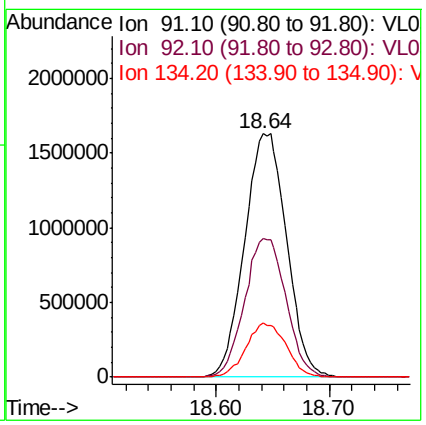


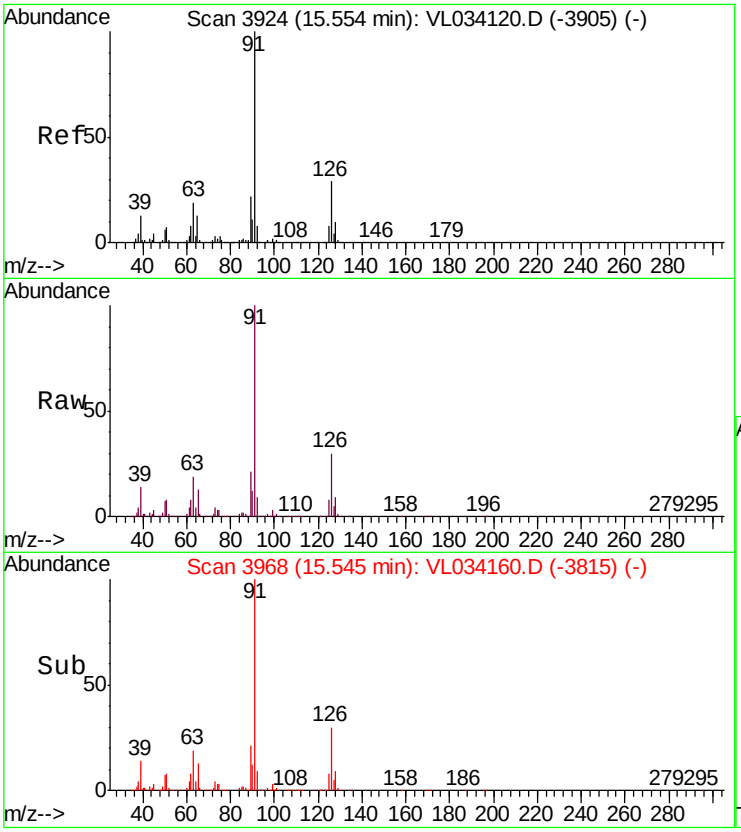


#70
n-Butylbenzene
Concen: 7.068 ppbv
RT: 18.64 min Scan# 4931
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Tgt Ion: 91 Resp: 4198978

Ion	Ratio	Lower	Upper
91	100		
92	56.2	45.3	67.9
134	21.1	17.4	26.0



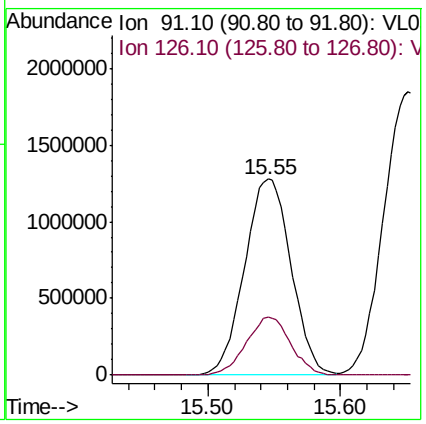


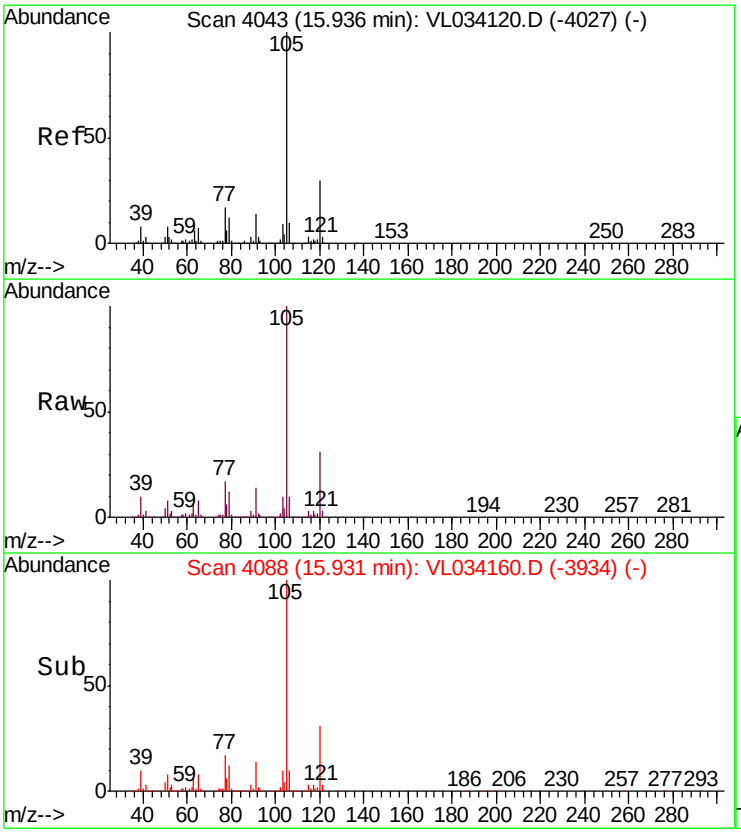
#71
2-Chlorotoluene
Concen: 7.280 ppbv
RT: 15.55 min Scan# 3968
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 91 Resp: 3127066

Ion	Ratio	Lower	Upper
91	100		
126	28.3	11.4	45.4

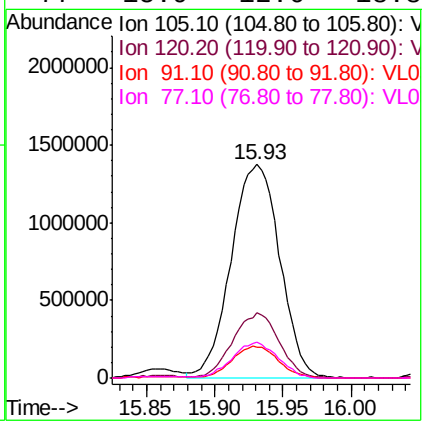


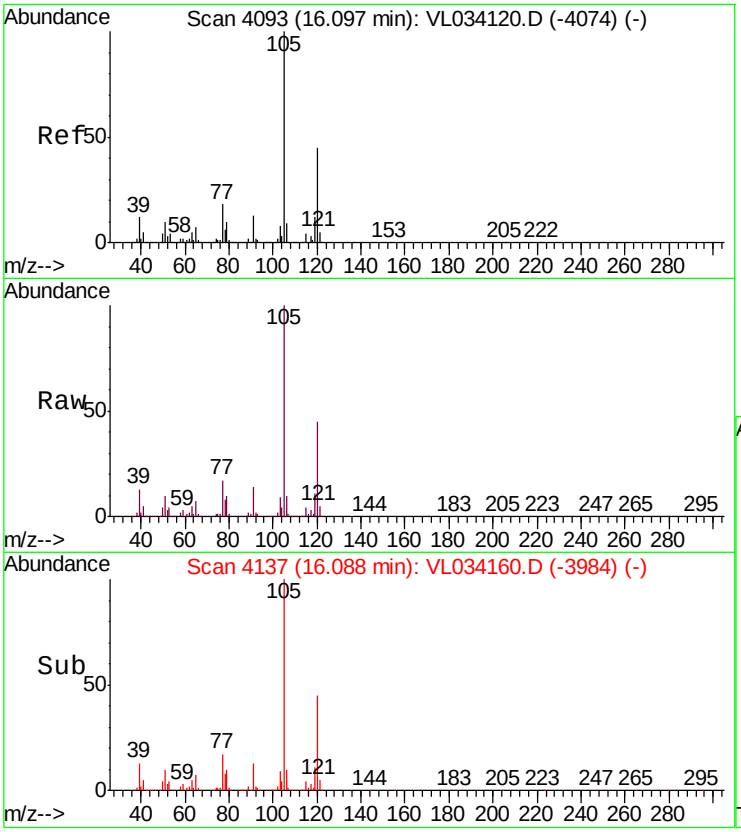


#72
4-Ethyltoluene
Concen: 7.448 ppbv
RT: 15.93 min Scan# 4088
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Tgt Ion:105 Resp: 3396105

Ion	Ratio	Lower	Upper
105	100		
120	29.2	23.8	35.6
91	14.0	11.4	17.0
77	15.9	12.6	18.8



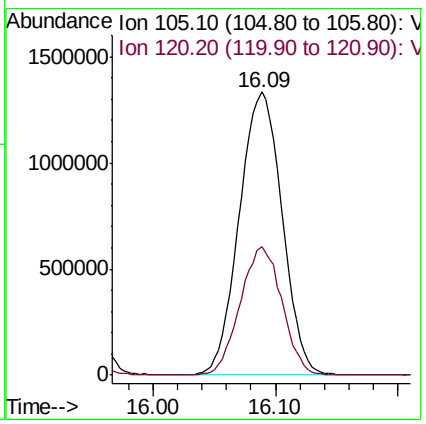


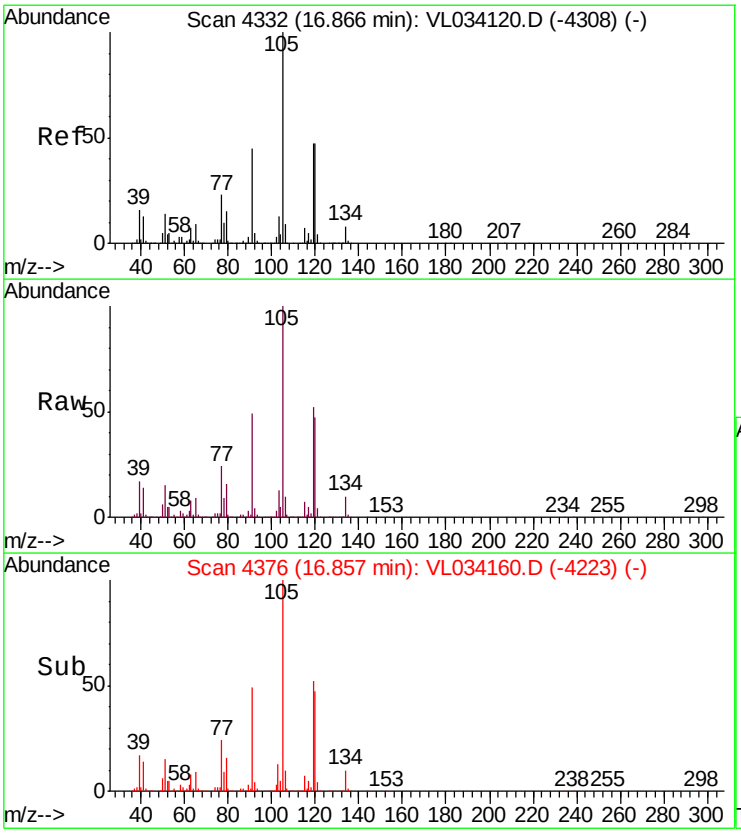
#73
1,3,5-Trimethylbenzene
Concen: 7.281 ppbv
RT: 16.09 min Scan# 4137
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 3226711

Ion	Ratio	Lower	Upper
105	100		
120	45.4	35.8	53.8

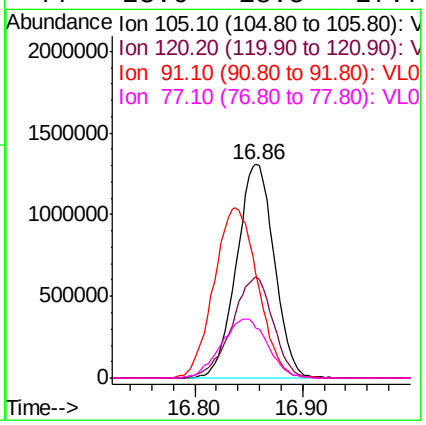


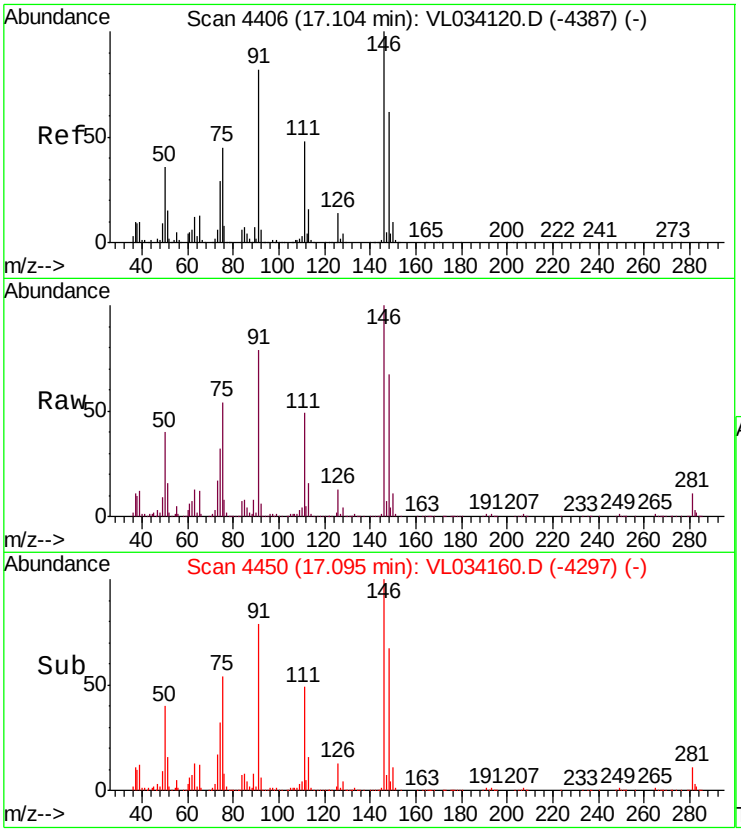


#74
1,2,4-Trimethylbenzene
Concen: 6.953 ppbv
RT: 16.86 min Scan# 4376
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Tgt Ion:105 Resp: 3173215

Ion	Ratio	Lower	Upper
105	100		
120	47.2	37.7	56.5
91	48.8	36.2	54.2
77	23.6	18.5	27.7



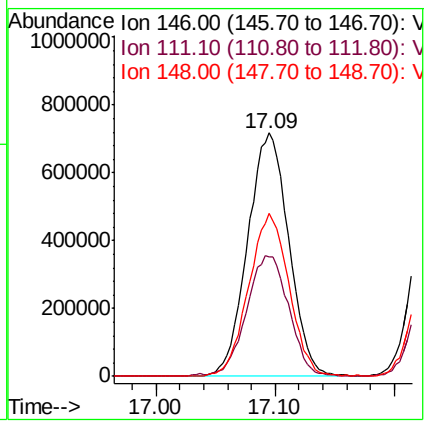


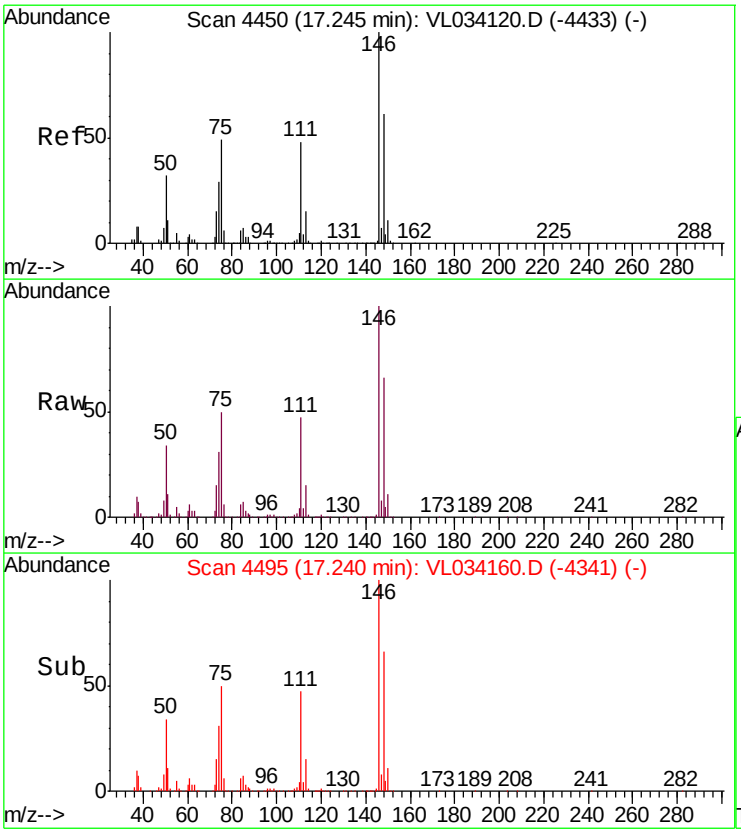
#75
1,3-Dichlorobenzene
Concen: 7.086 ppbv
RT: 17.09 min Scan# 4450
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1713392

Ion	Ratio	Lower	Upper
146	100		
111	51.4	24.9	74.7
148	66.0	32.5	97.5

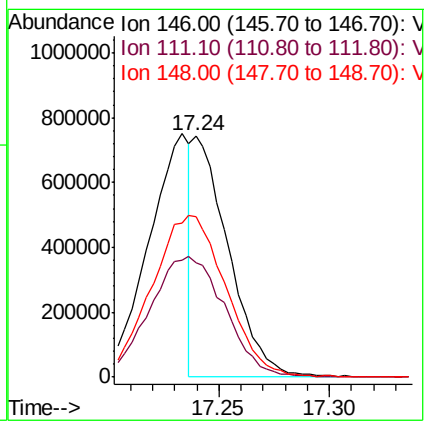


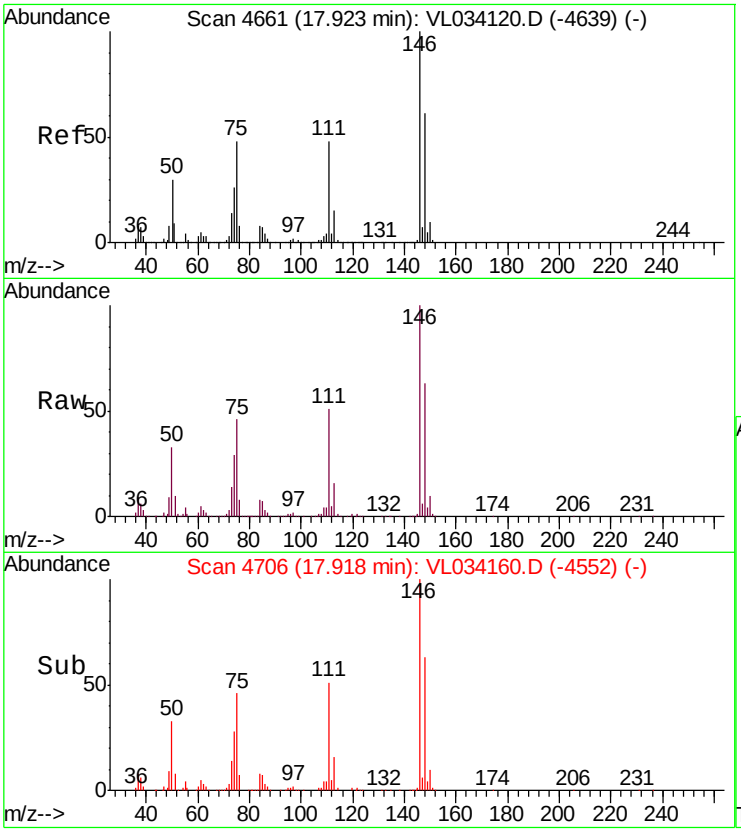


#76
1,4-Dichlorobenzene
Concen: 3.232 ppbv
RT: 17.24 min Scan# 4495
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Tgt Ion:146 Resp: 819071

Ion	Ratio	Lower	Upper
146	100		
111	108.4	24.3	72.8#
148	143.5	32.6	98.0#



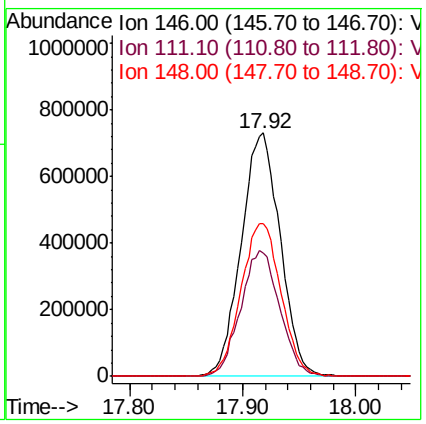


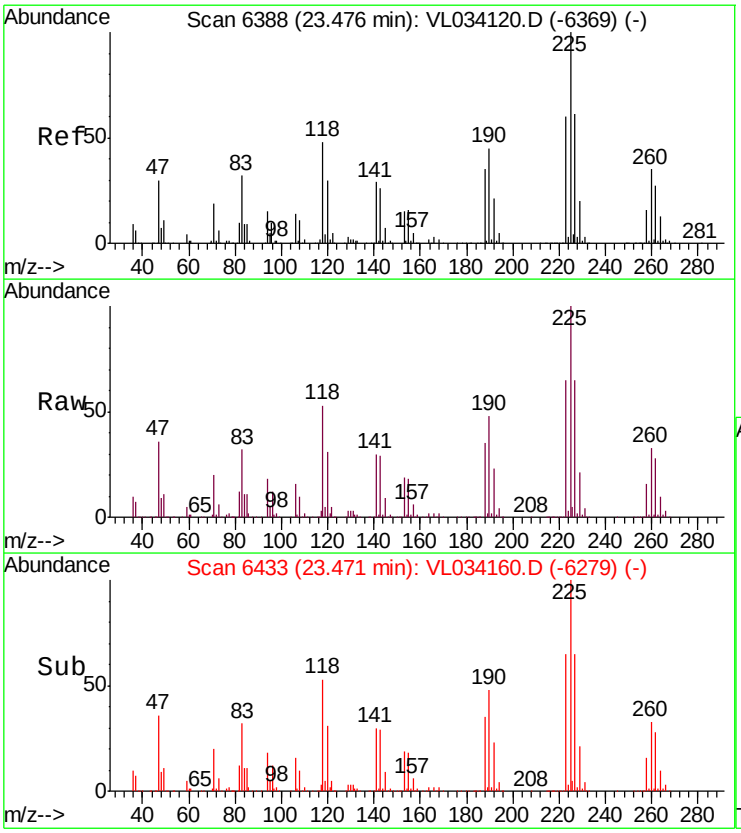
#77
1,2-Dichlorobenzene
Concen: 7.068 ppbv
RT: 17.92 min Scan# 4706
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1749755

Ion	Ratio	Lower	Upper
146	100		
111	52.0	25.1	75.4
148	64.7	32.0	96.2

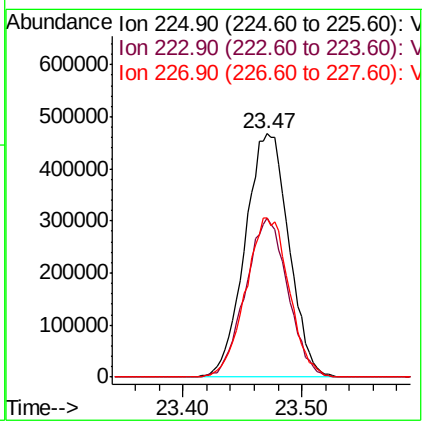


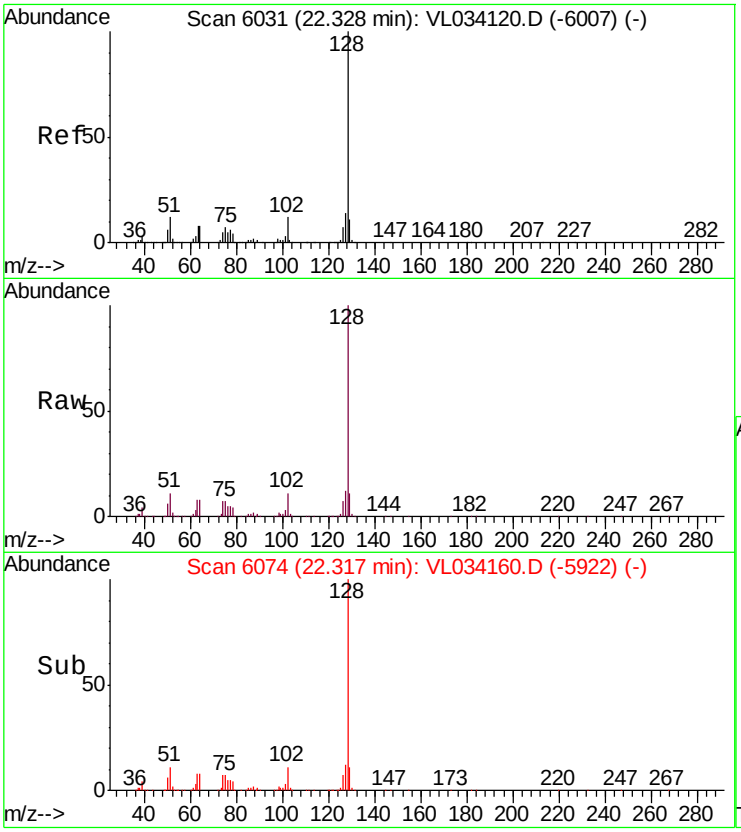


#78
Hexachloro-1,3-Butadiene
Concen: 7.054 ppbv
RT: 23.47 min Scan# 6433
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Tgt Ion:225 Resp: 1191298

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.3	75.5
227	64.6	50.9	76.3



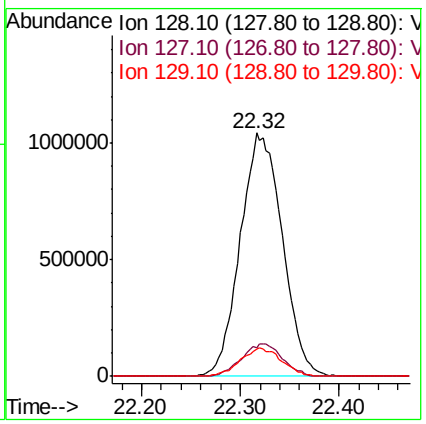


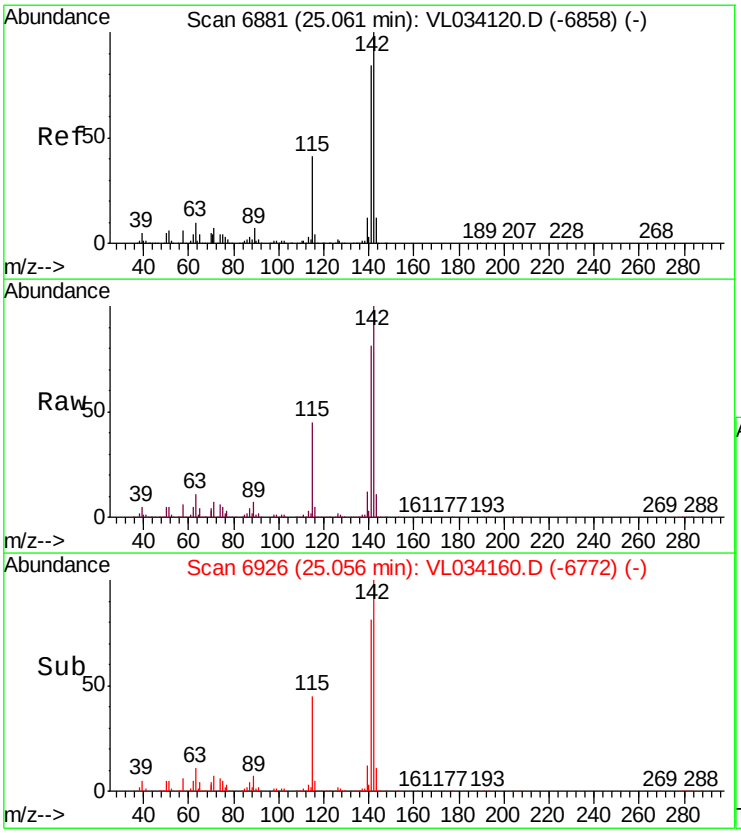
#79
Naphthalene
Concen: 7.439 ppbv
RT: 22.32 min Scan# 6074
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:128 Resp: 3068943

Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.9	16.3
129	11.0	8.5	12.7

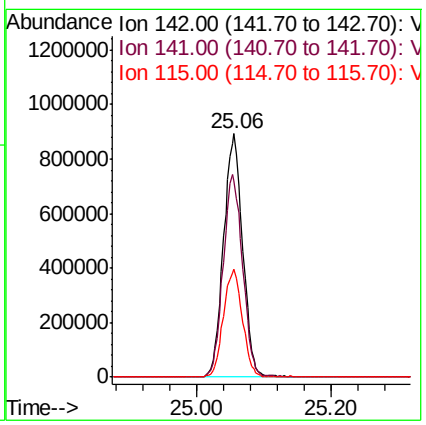


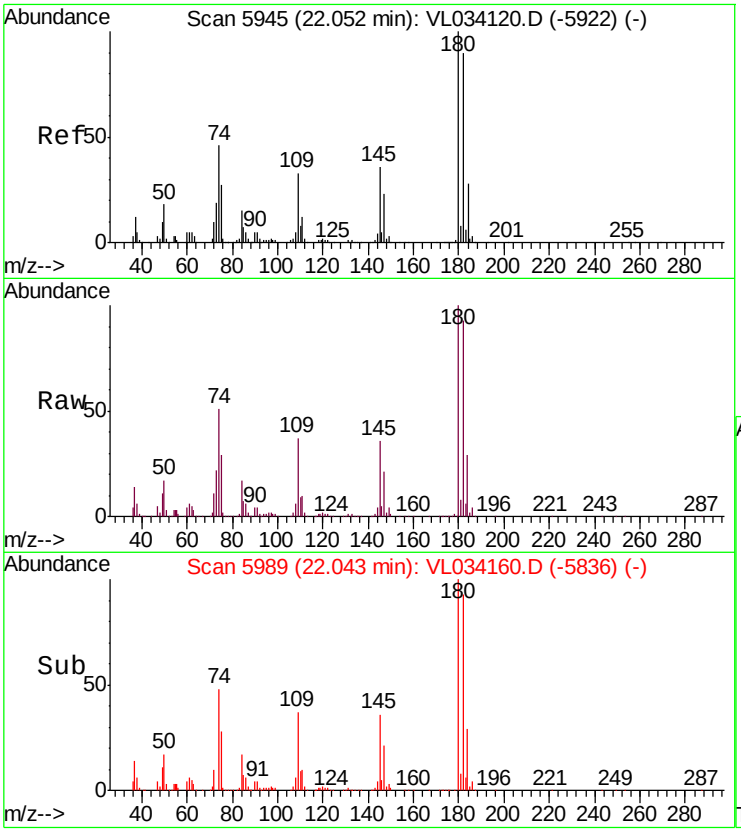


#80
Naphthalene,2-methyl-
Concen: 12.351 ppbv
RT: 25.06 min Scan# 6926
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Tgt Ion:142 Resp: 1768761

Ion	Ratio	Lower	Upper
142	100		
141	85.1	67.6	101.4
115	44.1	34.6	52.0





#81
1,2,4-Trichlorobenzene
Concen: 3.922 ppbv
RT: 22.04 min Scan# 5989
Delta R.T. -0.01 min
Lab File: VL034160.D
Acq: 12 Sep 2019 15:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:180 Resp: 880401

Ion	Ratio	Lower	Upper
180	100		
182	177.1	77.0	115.4#
184	0.0	25.5	38.3#