Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091719\

Quantitation Report (Not Reviewed)

Data File : VL034182.D
Acq On : 17 Sep 2019 14:03
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Quant Time: Sep 19 07:27:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 18 12:53:31 2019
QLast Update : Wed Sep 18 12:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.70	49	1198007	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.22	114	2131271	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.17	117	2346784	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.50	95	1927492	9.45	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 94.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.03	85	1320184	7.460	ppbv		100
3) Chlorodifluoromethane	2.97	51	1275251	9.079	ppbv		99
4) Chloromethane	3.12	50	781034	9.462	ppbv		96
5) Vinyl Chloride	3.24	62	691305	9.164	ppbv		100
6) Bromomethane	3.47	94	341980	9.716	ppbv		98
7) Chloroethane	3.55	64	250762	9.510	ppbv		100
8) Dichlorotetrafluoroethane	3.17	85	1414952	9.060	ppbv		99
9) Propene	2.99	41	654206	9.440	ppbv		99
10) Heptane	8.17	43	1687444	9.343	ppbv		100
11) Trichlorofluoromethane	3.95	101	1490992	9.256	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.49	101	982449	9.320	ppbv		99
13) Ethanol	3.60	45	145371	8.663	ppbv		95
14) Bromoethene	3.74	108	431239	10.006	ppbv		98
15) Acetone	3.85	43	1261034	7.854	ppbv		99
16) 1,3-Butadiene	3.31	39	674553	9.627	ppbv		100
17) tert-Butyl alcohol	4.30	59	1101325	10.825	ppbv		100
18) 1,1-Dichloroethene	4.29	96	447059	9.723	ppbv		93
19) Isopropyl Alcohol	3.97	45	1011899	10.248	ppbv	#	99
20) Methylene Chloride	4.35	84	418110	9.032	ppbv		95
21) Allyl Chloride	4.42	41	886935	9.780	ppbv		99
22) trans-1,2-Dichloroethene	4.90	96	446135	9.698	ppbv		100
23) Vinyl Acetate	5.09	43	2227393	9.414	ppbv		98
24) 1,1-Dichloroethane	5.03	63	1466543	9.205	ppbv		99
25) Ethyl Acetate	5.70	43	2692373	8.867	ppbv		100
26) Hexane	5.72	57	1166707	9.237	ppbv		97
27) Carbon Disulfide	4.56	76	1215899	10.438	ppbv		99
28) Methyl tert-Butyl Ether	5.05	73	1821092	9.708	ppbv		100
29) Chloroform	5.79	83	1684459	9.333	ppbv		99
30) Cyclohexane	7.18	84	895750	9.823	ppbv		99
31) cis-1,2-Dichloroethene	5.58	61	1228185	9.539	ppbv		98
32) 1,1,1-Trichloroethane	6.55	97	1613856	9.272	ppbv		99
34) 2-Butanone	5.27	43	1877574	8.628	ppbv		98
35) Carbon Tetrachloride	7.06	117	1570508	8.870	ppbv		97
36) Benzene	6.93	78	2122739	9.018	ppbv		99
37) 1,2-Dichloroethane	6.35	62	1489104	8.894	ppbv		99
38) Trichloroethene	7.89	130	706287	8.398	ppbv		98
39) 1,2-Dichloropropane	7.67	63	958636	9.064	ppbv		98
40) 1,4-Dioxane	7.88	88	328349	9.594	ppbv	#	87
41) Tetrahydrofuran	6.08	42	1143652	9.331	ppbv		99
42) Bromodichloromethane	7.85	83	1843890	9.177	ppbv		100
43) Methyl Methacrylate	8.07	69	933561	9.601	ppbv		98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091719\

Quantitation Report (Not Reviewed)

Data File : VL034182.D
Acq On : 17 Sep 2019 14:03
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Quant Time: Sep 19 07:27:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 18 12:53:31 2019
QLast Update : Wed Sep 18 12:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.92	57	3909104	8.627	ppbv		99
45) t-1,3-Dichloropropene	9.35	75	1201106	10.447	ppbv		98
46) cis-1,3-Dichloropropene	8.76	75	1369192	9.900	ppbv		97
47) 1,1,2-Trichloroethane	9.54	97	848620	8.936	ppbv		96
48) Dibromochloromethane	10.38	129	1382420	9.184	ppbv		100
49) Bromoform	13.12	173	1143372	9.387	ppbv		99
50) 4-Methyl-2-Pentanone	8.80	43	2769698	8.745	ppbv		100
51) 2-Hexanone	10.19	43	2345738	8.826	ppbv	#	99
52) Tetrachloroethene	11.30	164	661617	8.508	ppbv		98
53) Toluene	9.87	91	2359171	9.171	ppbv		99
54) 1,2-Dibromoethane	10.69	107	1250561	8.855	ppbv		100
56) 1,1,1,2-Tetrachloroethane	12.20	131	480808	4.594	ppbv	#	25
57) Chlorobenzene	12.23	112	1648663	8.069	ppbv		99
58) Ethyl Benzene	12.79	91	3145910	8.308	ppbv		98
59) m/p-Xylene	13.08	91	2641532	8.422	ppbv	#	32
60) o-Xylene	13.78	91	2535923	8.086	ppbv		100
61) Styrene	13.61	104	1914260	8.521	ppbv		100
62) Isopropylbenzene	14.75	105	3290924	8.106	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.76	83	1830825	7.119	ppbv		100
64) n-propylbenzene	15.65	120	855784	8.332	ppbv		95
65) tert-Butylbenzene	16.83	119	2786366	7.855	ppbv		100
66) Benzyl Chloride	17.08	91	1251290	9.970	ppbv		98
67) sec-Butylbenzene	17.38	105	4002948	7.891	ppbv		100
69) p-Isopropyltoluene	17.74	119	3246417	7.904	ppbv		99
70) n-Butylbenzene	18.64	91	3712106	7.762	ppbv		99
71) 2-Chlorotoluene	15.54	91	2696633	8.130	ppbv		99
72) 4-Ethyltoluene	15.92	105	2873766	8.111	ppbv		100
73) 1,3,5-Trimethylbenzene	16.09	105	2769910	8.092	ppbv		99
74) 1,2,4-Trimethylbenzene	16.85	105	2773060	7.630	ppbv		98
75) 1,3-Dichlorobenzene	17.09	146	1517188	7.780	ppbv		98
76) 1,4-Dichlorobenzene	17.23	146	1542107	7.722	ppbv		100
77) 1,2-Dichlorobenzene	17.91	146	1511725	7.659	ppbv		99
78) Hexachloro-1,3-Butadiene	23.47	225	1128965	8.636	ppbv		99
79) Naphthalene	22.32	128	2509330	7.842	ppbv		96
80) Naphthalene,2-methyl-	25.05	142	1137470	7.644	ppbv		98
81) 1,2,4-Trichlorobenzene	22.05	180	1378444	7.777	ppbv		99

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

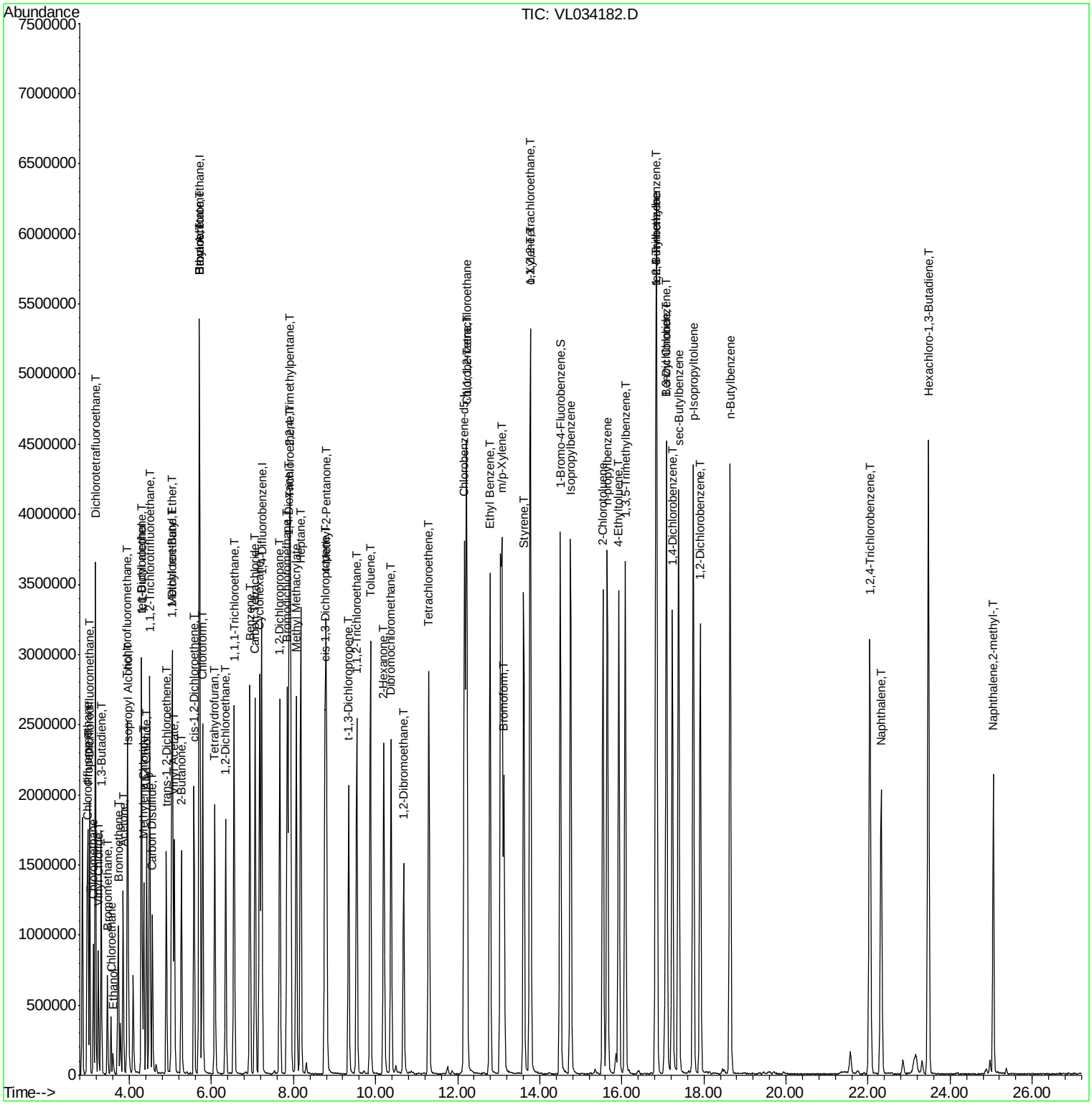
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091719\

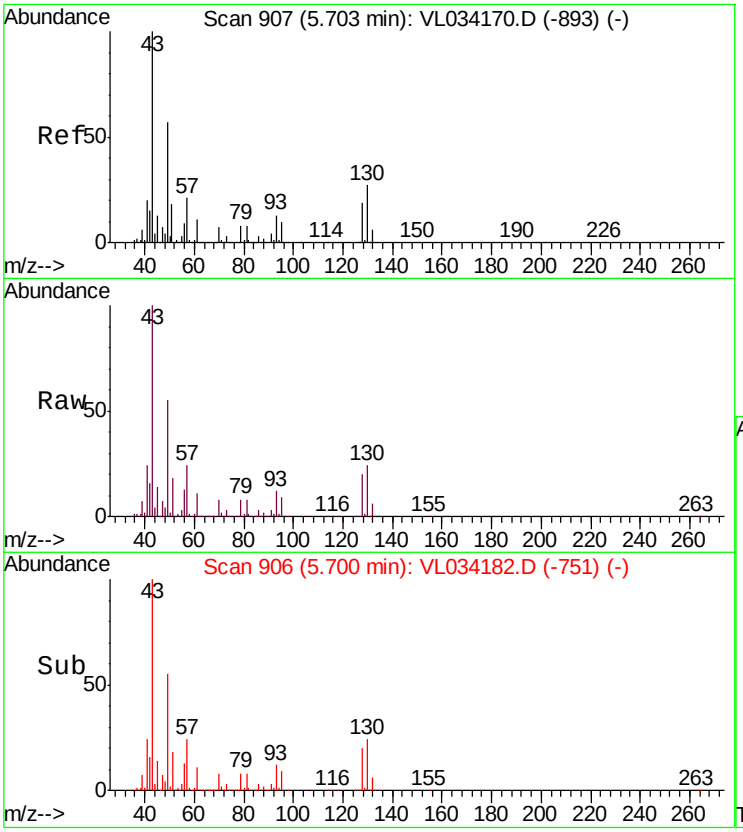
Quantitation Report (Not Reviewed)

Data File : VL034182.D
Acq On : 17 Sep 2019 14:03
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Quant Time: Sep 19 07:27:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 18 12:53:31 2019
QLast Update : Wed Sep 18 12:53:31 2019
Response via : Initial Calibration



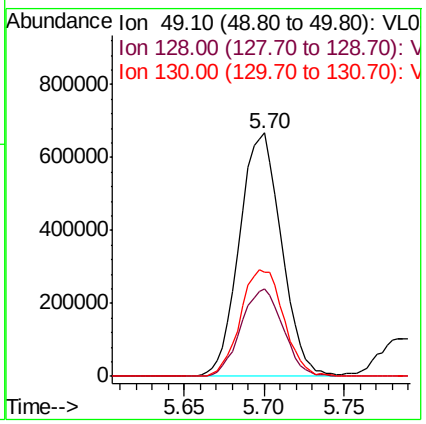


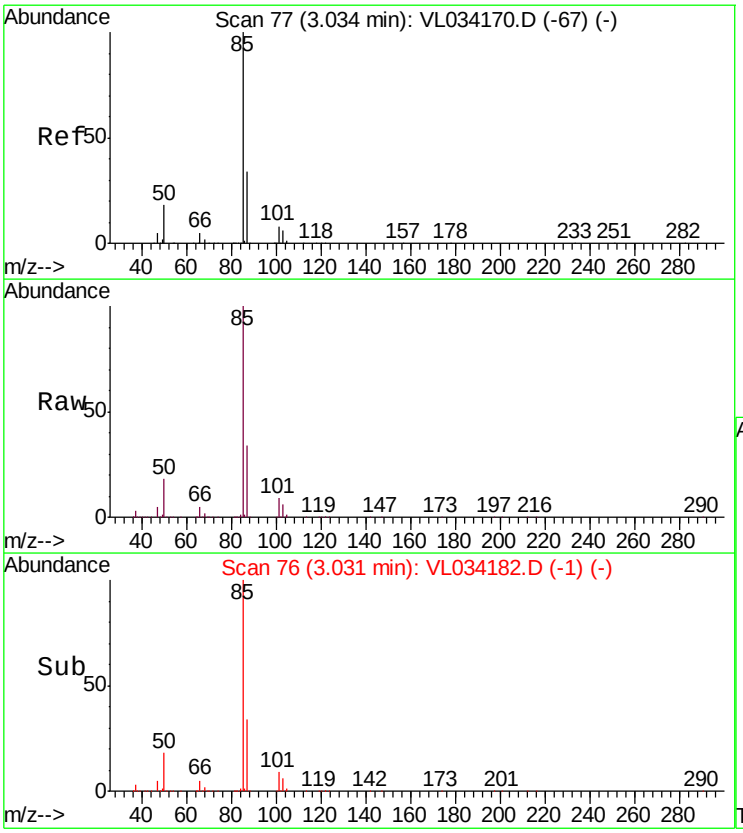
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.70 min Scan# 906
Delta R.T. -0.00 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 49 Resp: 1198007

Ion	Ratio	Lower	Upper
49	100		
128	35.9	17.6	52.9
130	45.0	22.3	66.9

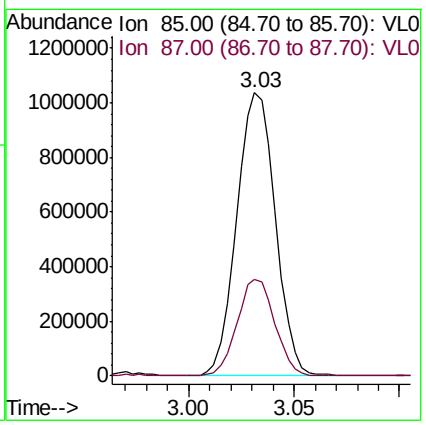


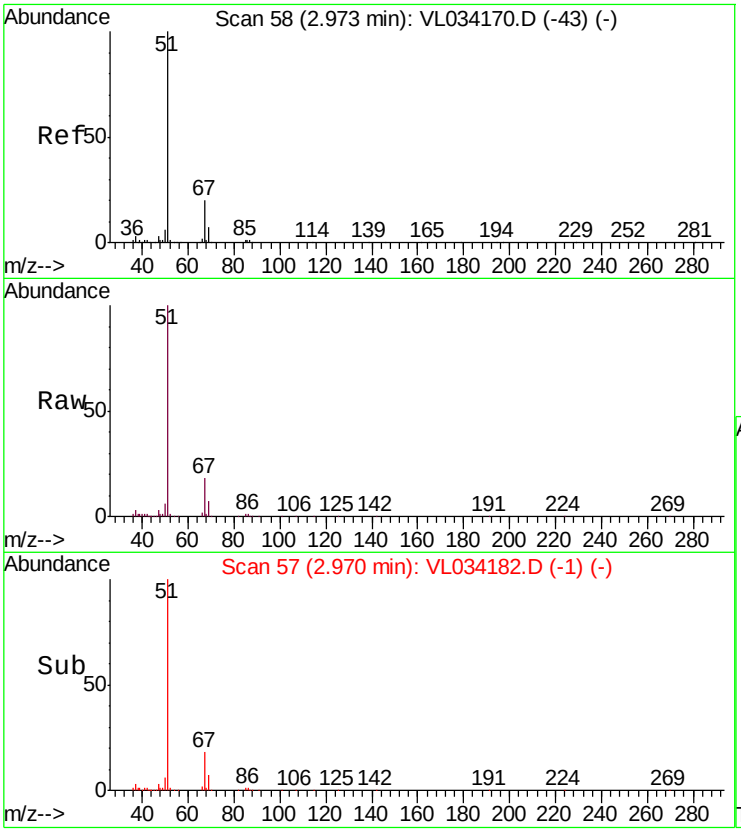


#2
Dichlorodifluoromethane
Concen: 7.460 ppbv
RT: 3.03 min Scan# 76
Delta R.T. -0.00 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Tgt Ion: 85 Resp: 1320184

Ion	Ratio	Lower	Upper
85	100		
87	34.0	27.2	40.8



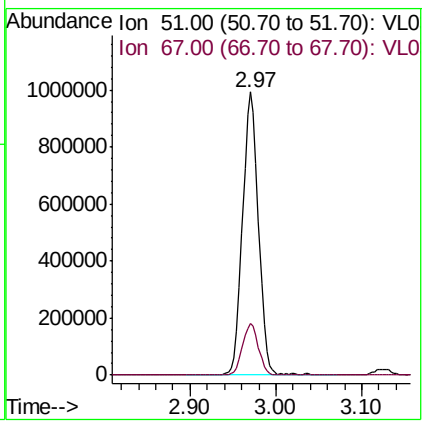


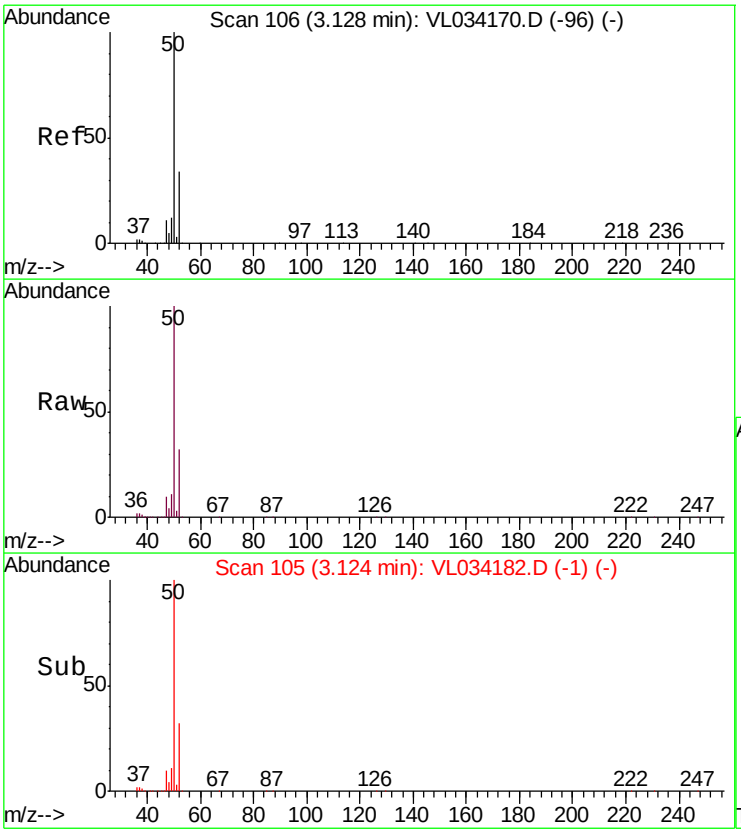
#3
Chlorodifluoromethane
Concen: 9.079 ppbv
RT: 2.97 min Scan# 57
Delta R.T. -0.00 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 1275251

Ion	Ratio	Lower	Upper
51	100		
67	18.1	14.8	22.2

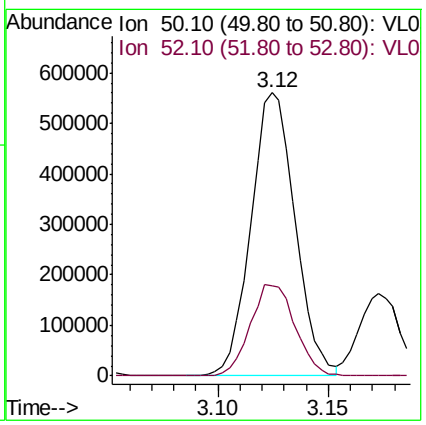


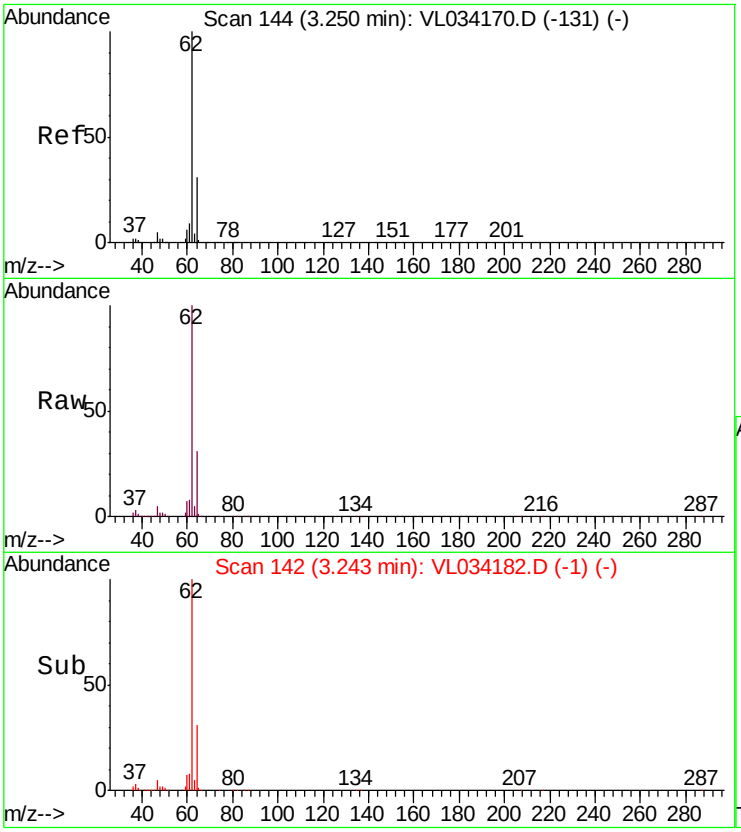


#4
Chloromethane
Concen: 9.462 ppbv
RT: 3.12 min Scan# 105
Delta R.T. -0.00 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Tgt Ion: 50 Resp: 781034

Ion	Ratio	Lower	Upper
50	100		
52	31.7	27.1	40.7



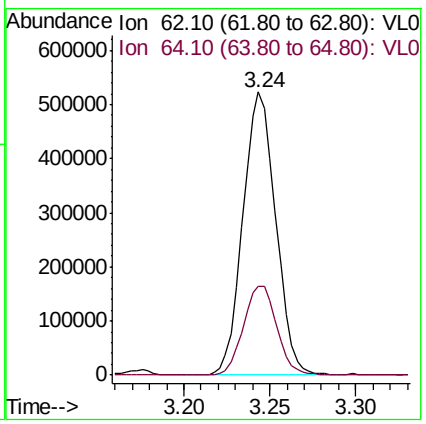


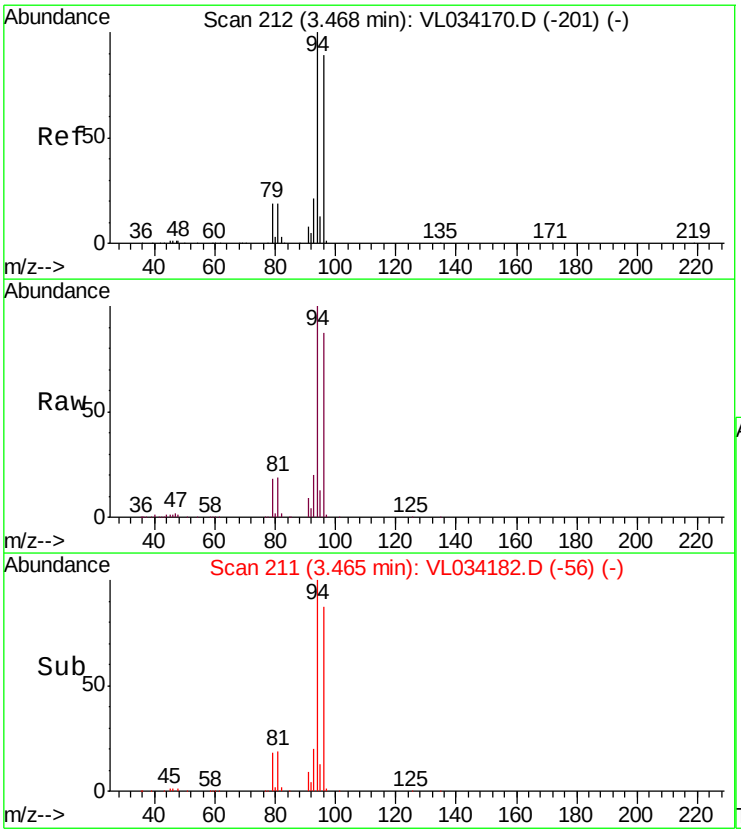
#5
Vinyl Chloride
Concen: 9.164 ppbv
RT: 3.24 min Scan# 142
Delta R.T. -0.01 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 62 Resp: 691305

Ion	Ratio	Lower	Upper
62	100		
64	31.3	25.2	37.8

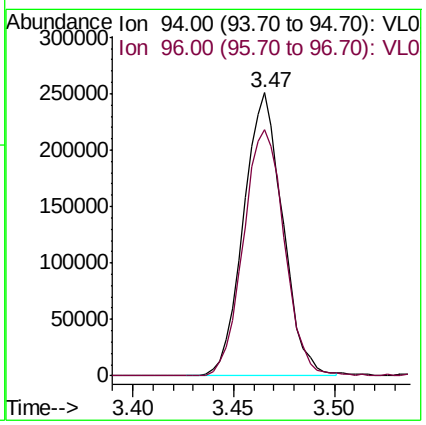


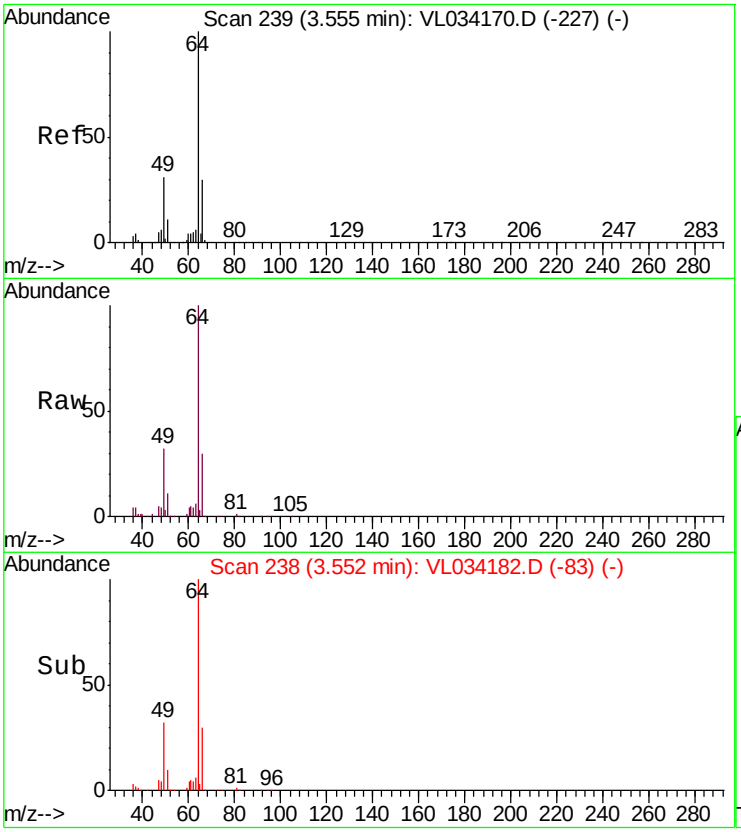


#6
Bromomethane
Concen: 9.716 ppbv
RT: 3.47 min Scan# 211
Delta R.T. -0.00 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Tgt Ion: 94 Resp: 341980

Ion	Ratio	Lower	Upper
94	100		
96	87.0	71.3	106.9



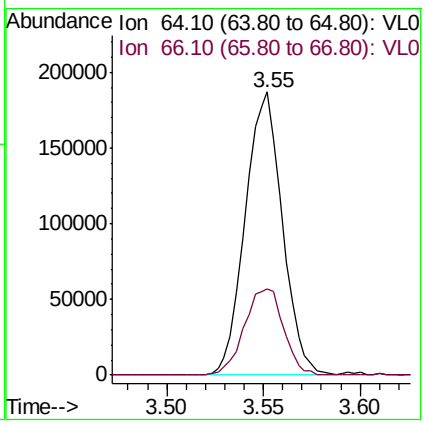


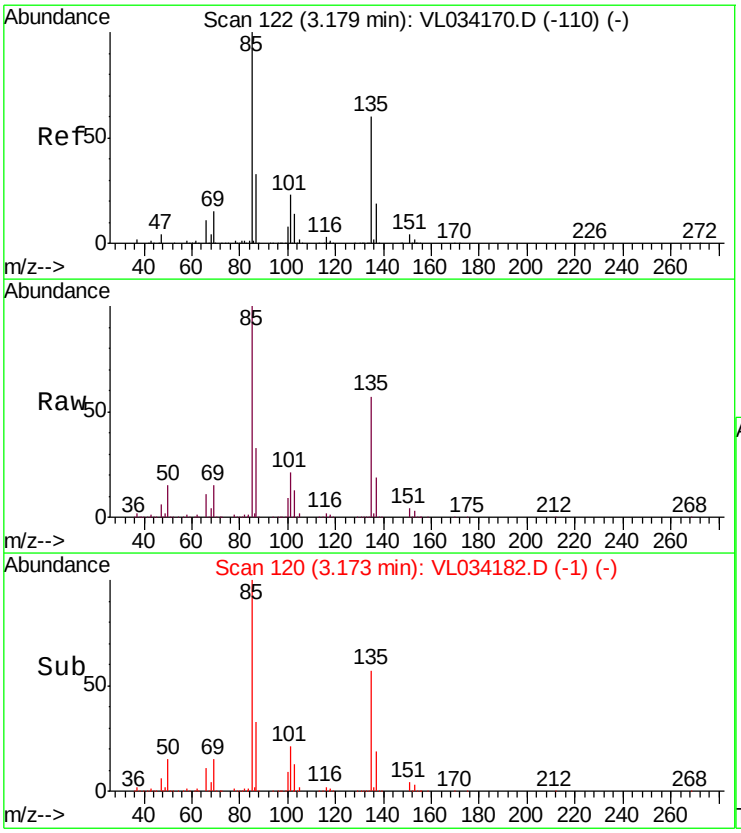
#7
Chloroethane
Concen: 9.510 ppbv
RT: 3.55 min Scan# 238
Delta R.T. -0.00 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 64 Resp: 250762

Ion	Ratio	Lower	Upper
64	100		
66	30.3	24.2	36.4

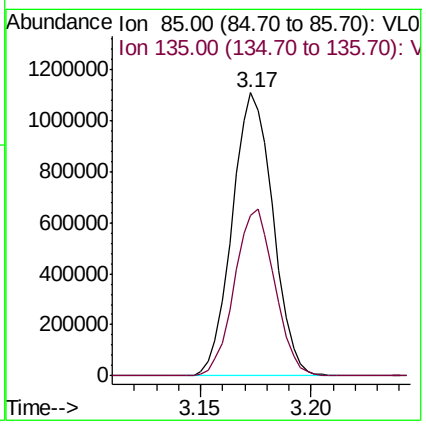


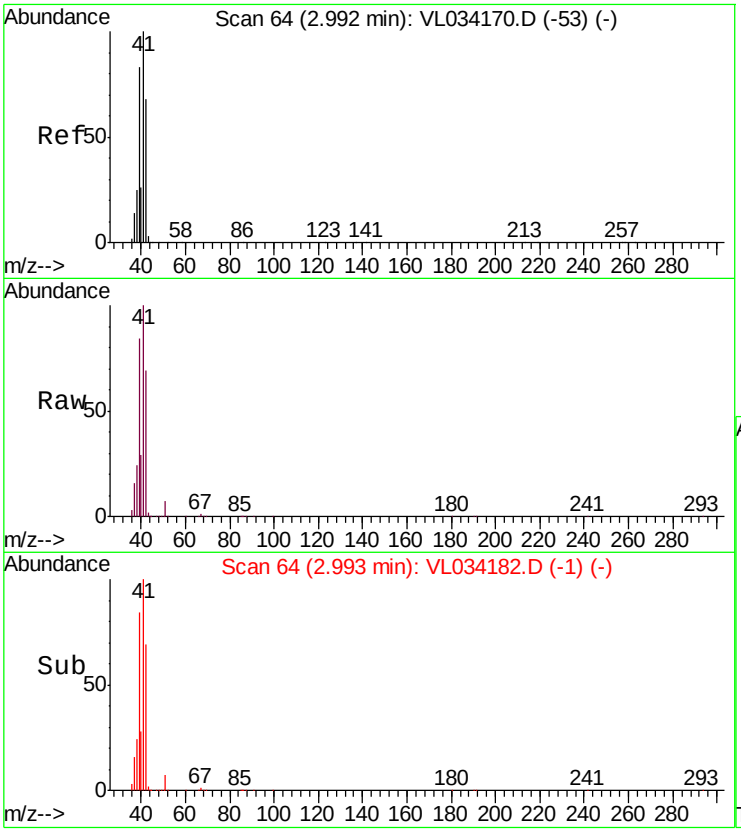


#8
Dichlorotetrafluoroethane
Concen: 9.060 ppbv
RT: 3.17 min Scan# 120
Delta R.T. -0.01 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Tgt Ion: 85 Resp: 1414952

Ion	Ratio	Lower	Upper
85	100		
135	58.7	47.3	70.9



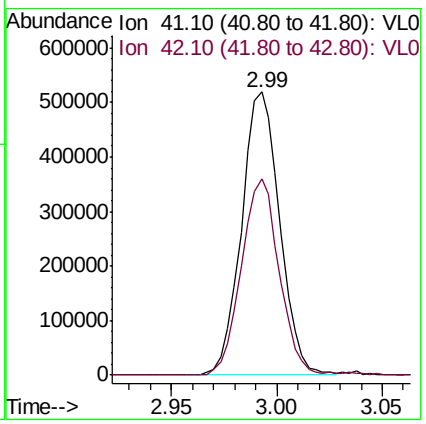


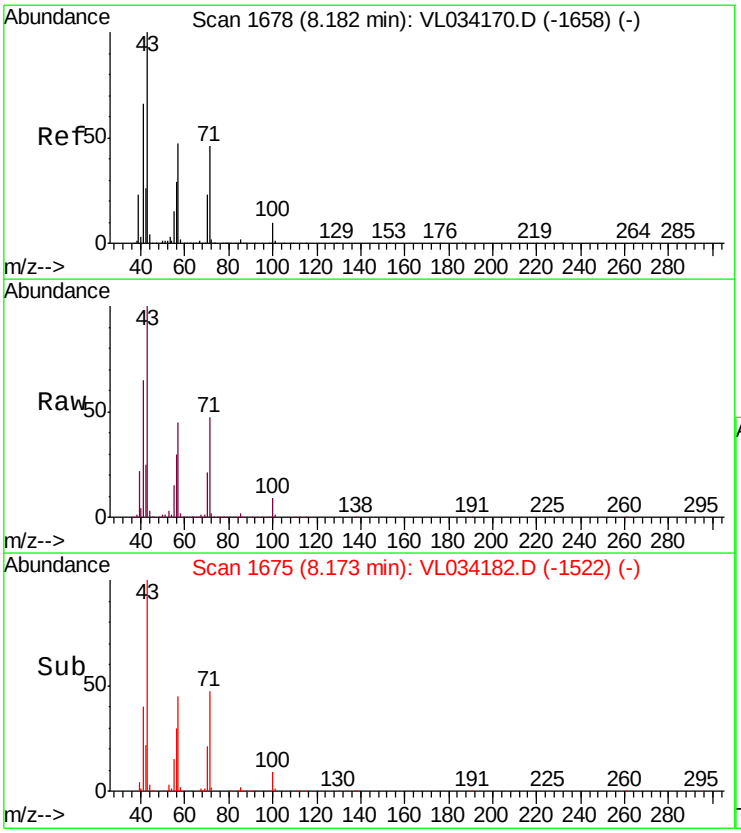
#9
Propene
Concen: 9.440 ppbv
RT: 2.99 min Scan# 64
Delta R.T. 0.00 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 41 Resp: 654206

Ion	Ratio	Lower	Upper
41	100		
42	69.2	55.8	83.6

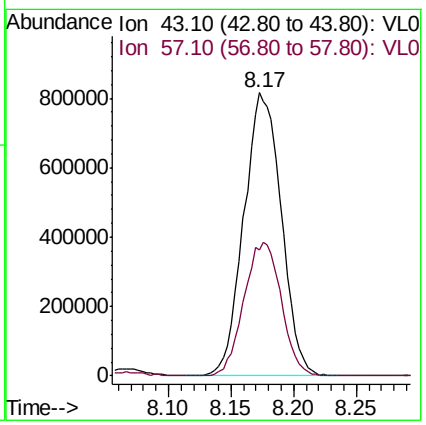


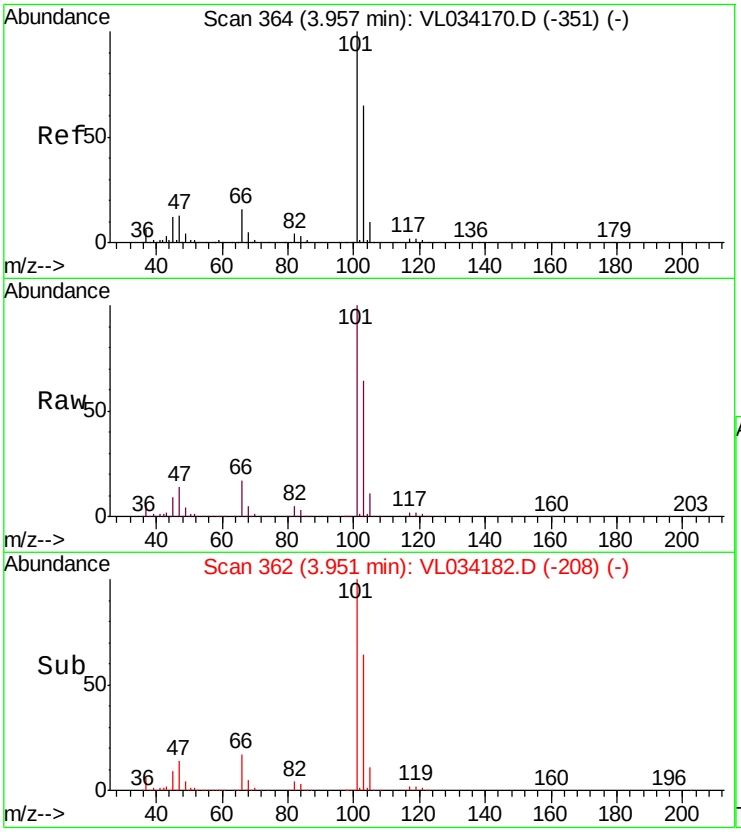


#10
Heptane
Concen: 9.343 ppbv
RT: 8.17 min Scan# 1675
Delta R.T. -0.01 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Tgt Ion: 43 Resp: 1687444

Ion	Ratio	Lower	Upper
43	100		
57	47.1	37.5	56.3



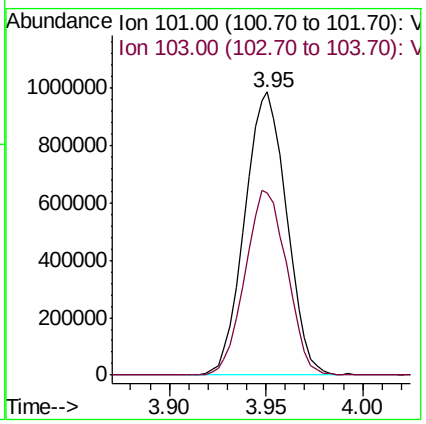


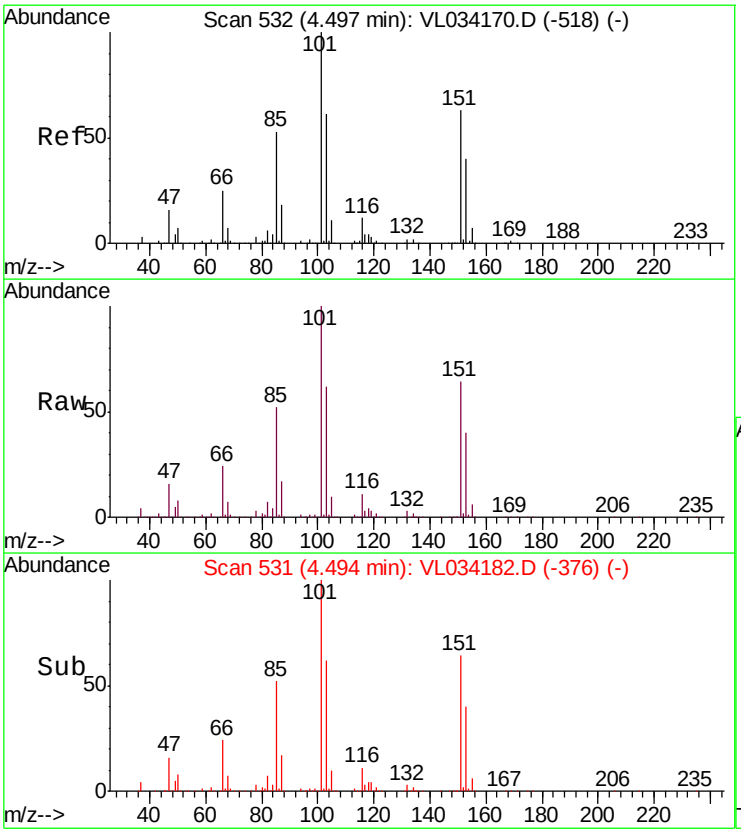
#11
Trichlorofluoromethane
Concen: 9.256 ppbv
RT: 3.95 min Scan# 362
Delta R.T. -0.01 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:101 Resp: 1490992

Ion	Ratio	Lower	Upper
101	100		
103	64.3	52.1	78.1

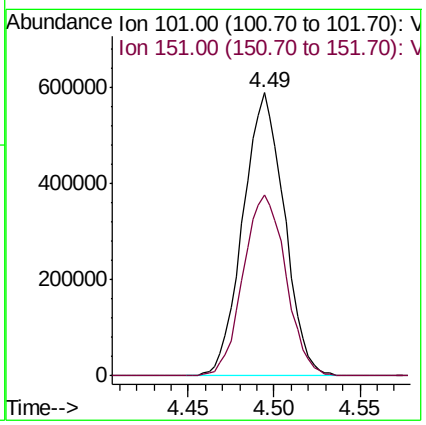


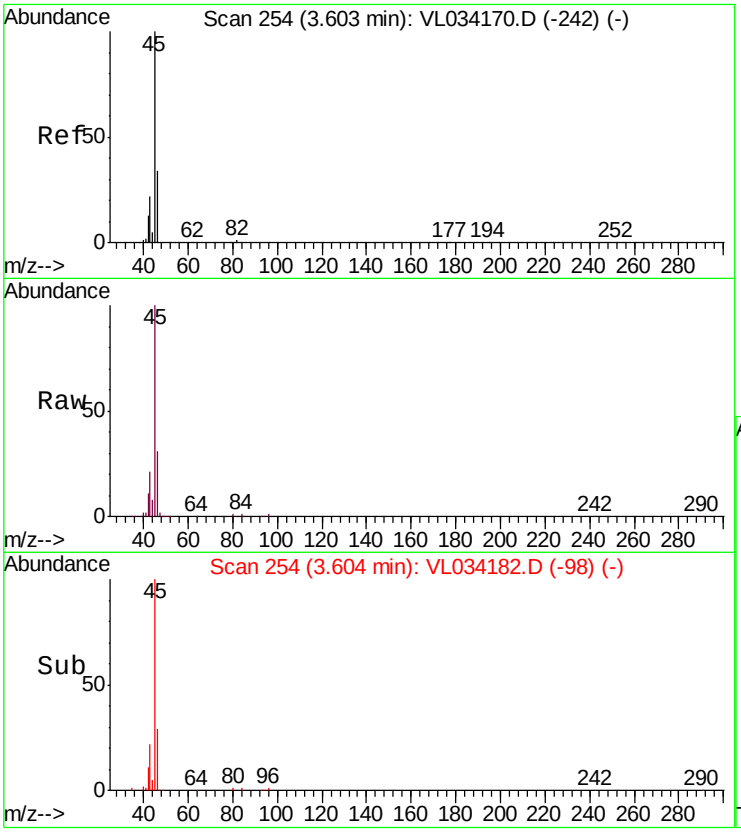


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.320 ppbv
RT: 4.49 min Scan# 531
Delta R.T. -0.00 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Tgt Ion:101 Resp: 982449

Ion	Ratio	Lower	Upper
101	100		
151	66.0	51.8	77.8



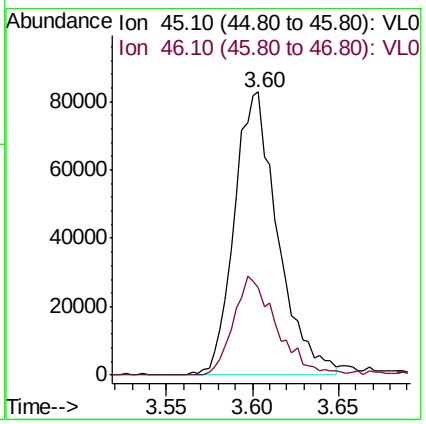


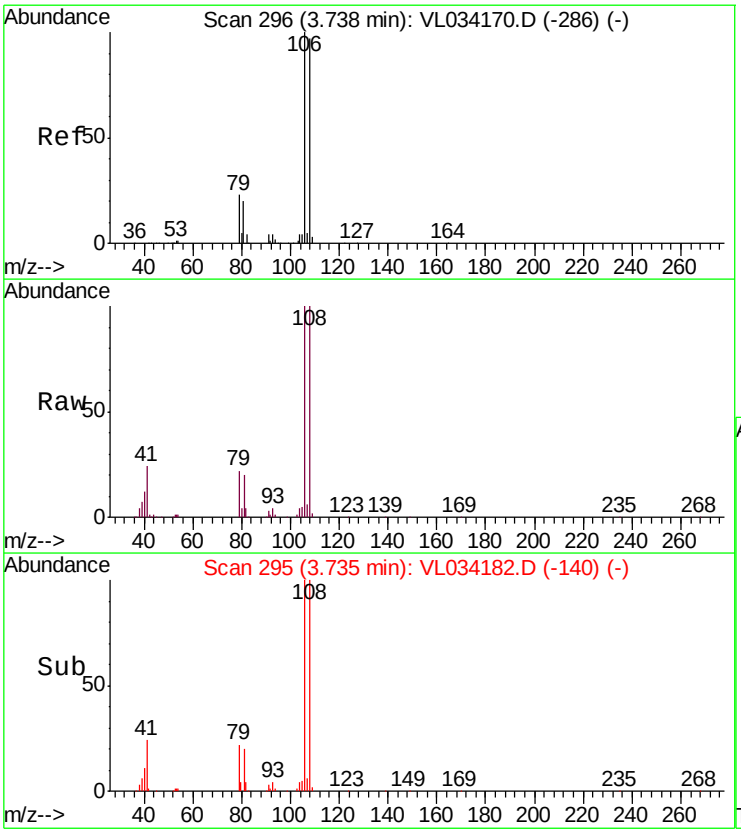
#13
Ethanol
Concen: 8.663 ppbv
RT: 3.60 min Scan# 254
Delta R.T. 0.00 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 145371

Ion	Ratio	Lower	Upper
45	100		
46	35.8	15.5	61.9

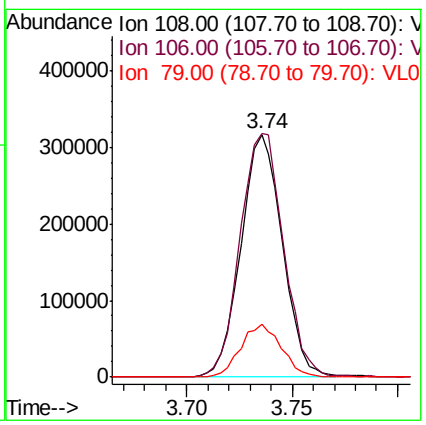


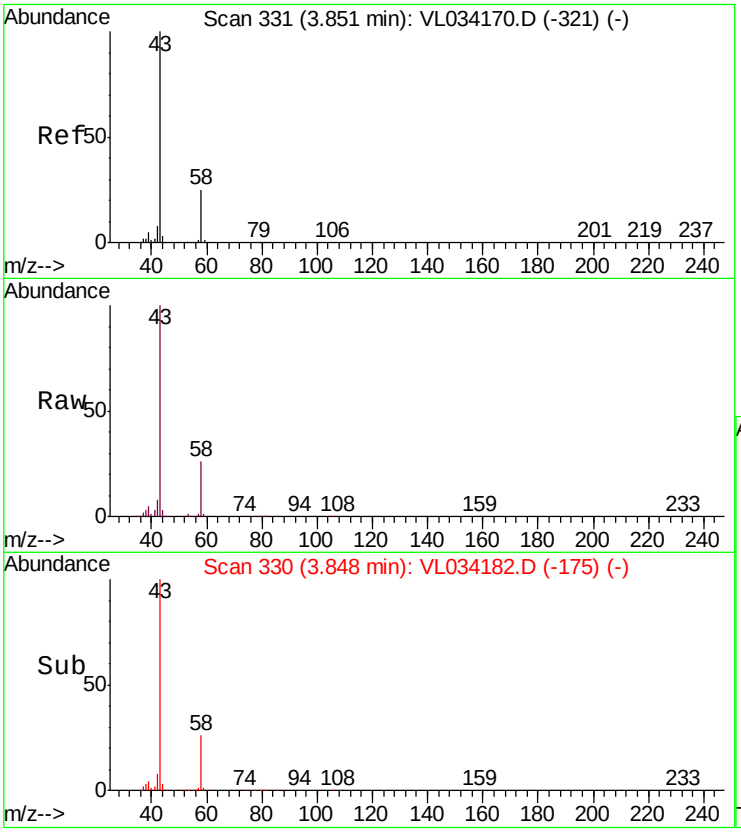


#14
Bromoethene
Concen: 10.006 ppbv
RT: 3.74 min Scan# 295
Delta R.T. -0.00 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Tgt Ion:108 Resp: 431239

Ion	Ratio	Lower	Upper
108	100		
106	106.1	86.2	129.4
79	21.8	18.6	27.8



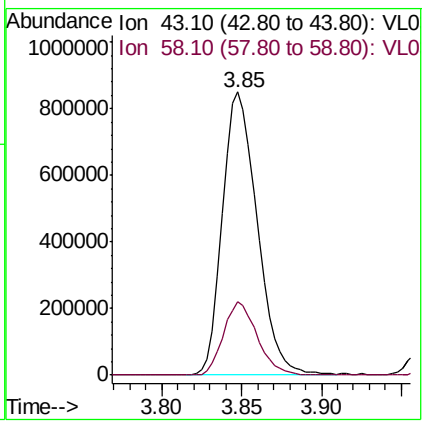


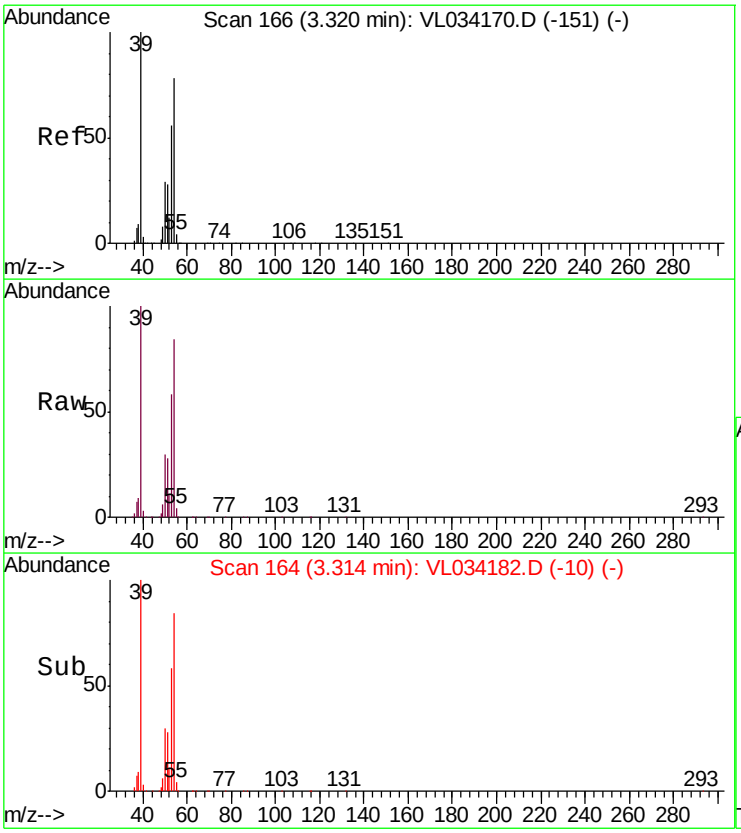
#15
Acetone
Concen: 7.854 ppbv
RT: 3.85 min Scan# 330
Delta R.T. -0.00 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 43 Resp: 1261034

Ion	Ratio	Lower	Upper
43	100		
58	25.3	20.5	30.7

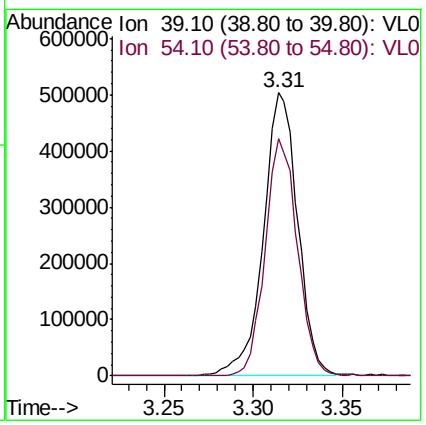


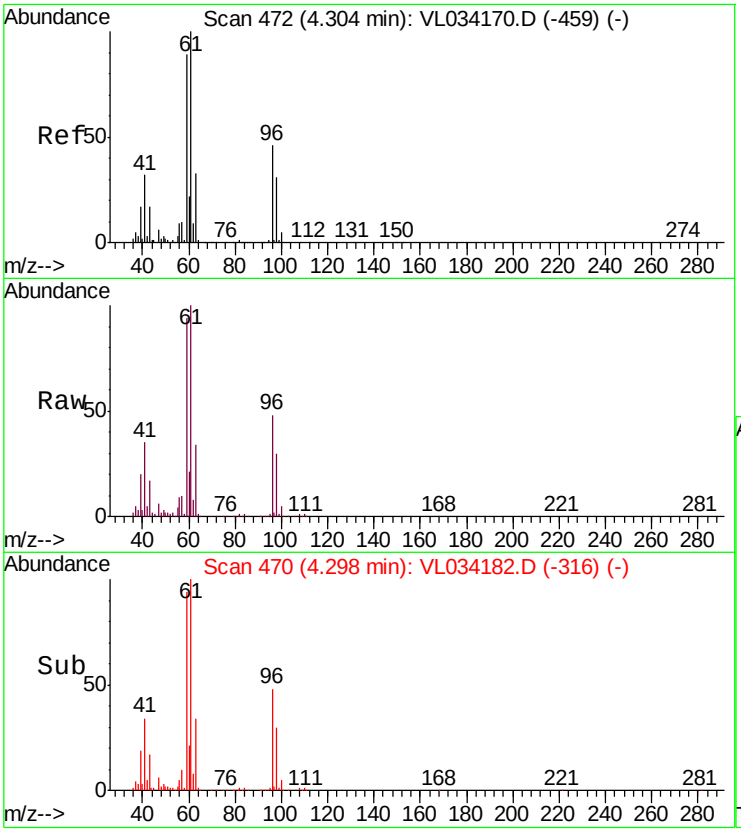


#16
1,3-Butadiene
Concen: 9.627 ppbv
RT: 3.31 min Scan# 164
Delta R.T. -0.01 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Tgt Ion: 39 Resp: 674553

Ion	Ratio	Lower	Upper
39	100		
54	79.2	63.4	95.0



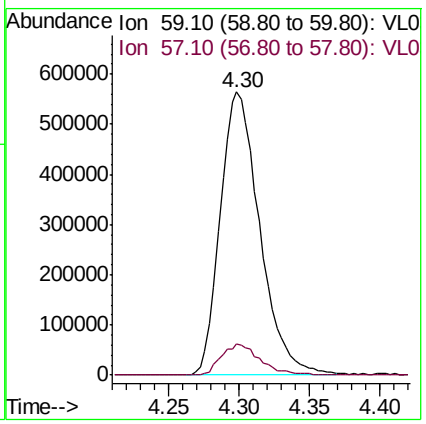


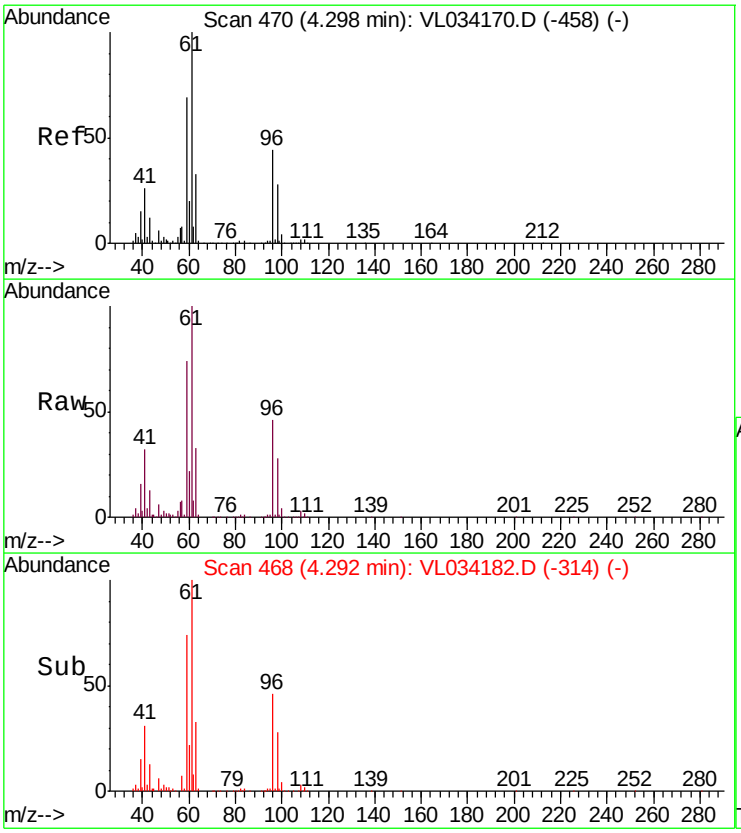
#17
tert-Butyl alcohol
Concen: 10.825 ppbv
RT: 4.30 min Scan# 470
Delta R.T. -0.01 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 1101325

Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.7	13.1

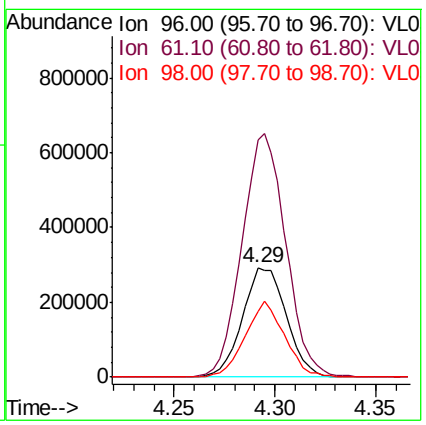


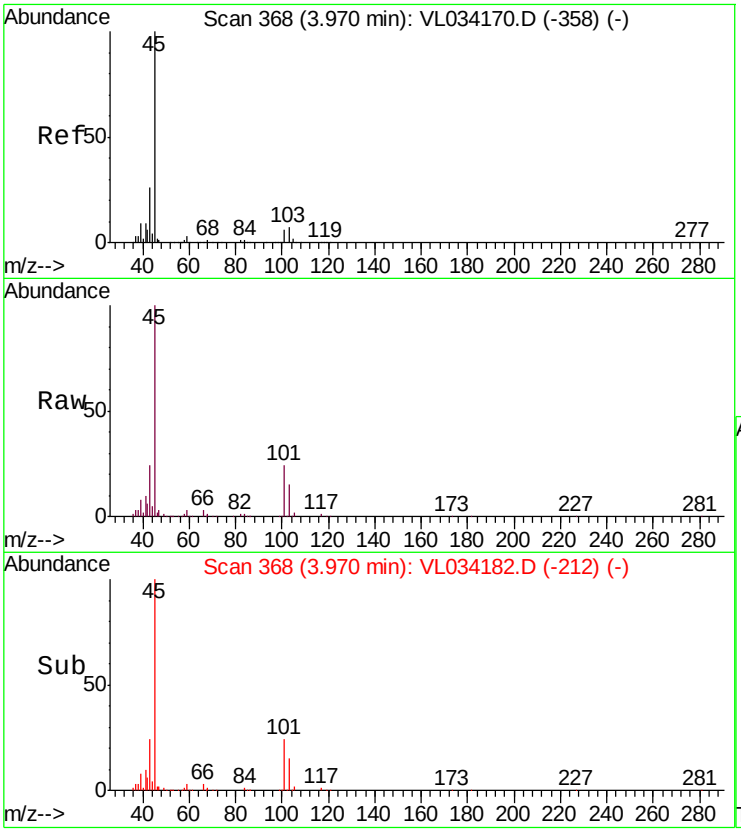


#18
1,1-Dichloroethene
Concen: 9.723 ppbv
RT: 4.29 min Scan# 468
Delta R.T. -0.01 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Tgt Ion: 96 Resp: 447059

Ion	Ratio	Lower	Upper
96	100		
61	216.3	183.3	274.9
98	59.9	51.4	77.2



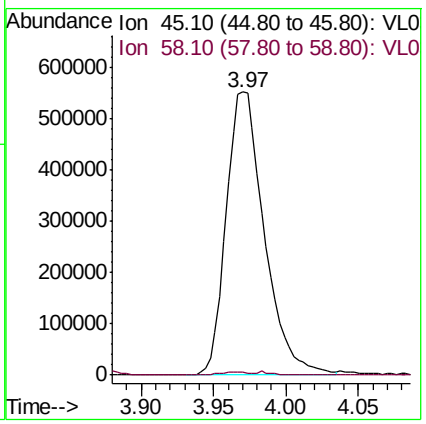


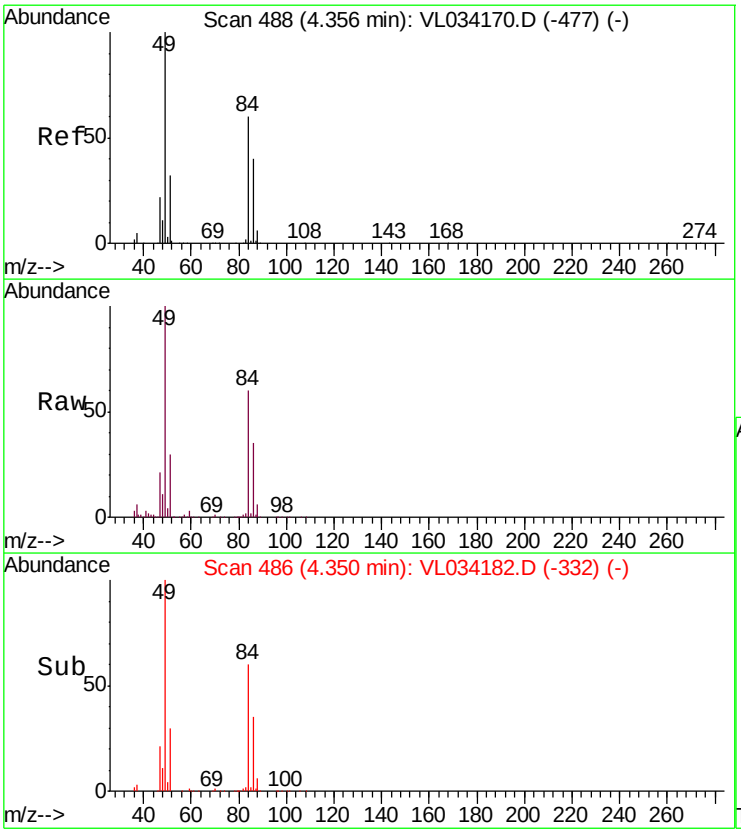
#19
Isopropyl Alcohol
Concen: 10.248 ppbv
RT: 3.97 min Scan# 368
Delta R.T. 0.00 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 45 Resp: 1011899

Ion	Ratio	Lower	Upper
45	100		
58	1.3	1.4	2.0#

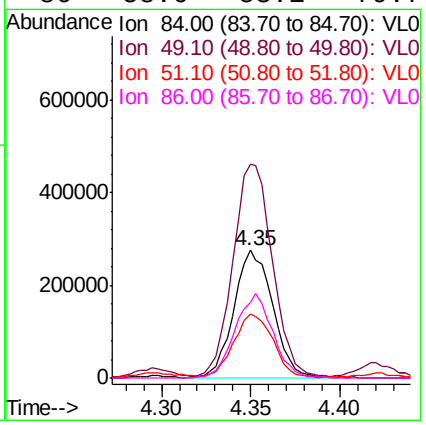


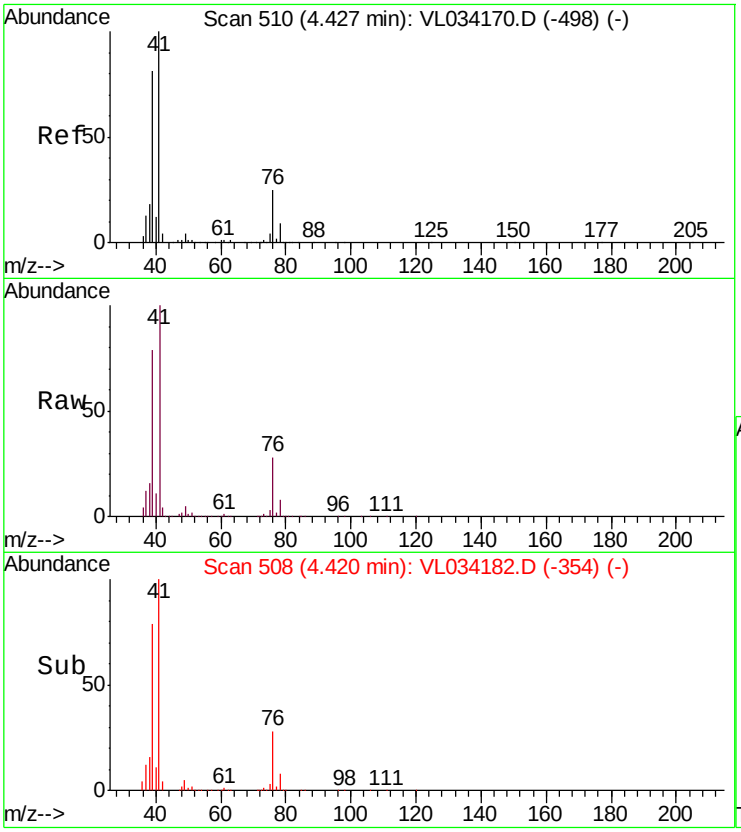


#20
Methylene Chloride
Concen: 9.032 ppbv
RT: 4.35 min Scan# 486
Delta R.T. -0.01 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Tgt Ion: 84 Resp: 418110

Ion	Ratio	Lower	Upper
84	100		
49	165.3	133.8	200.8
51	49.2	43.6	65.4
86	58.6	53.1	79.7



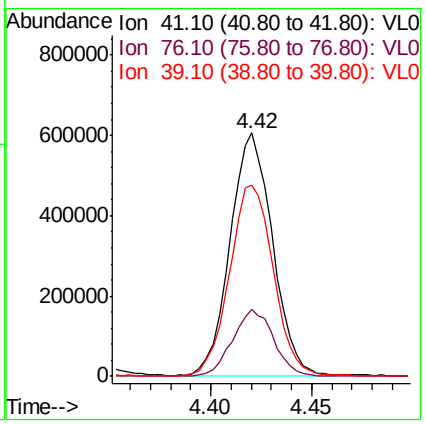


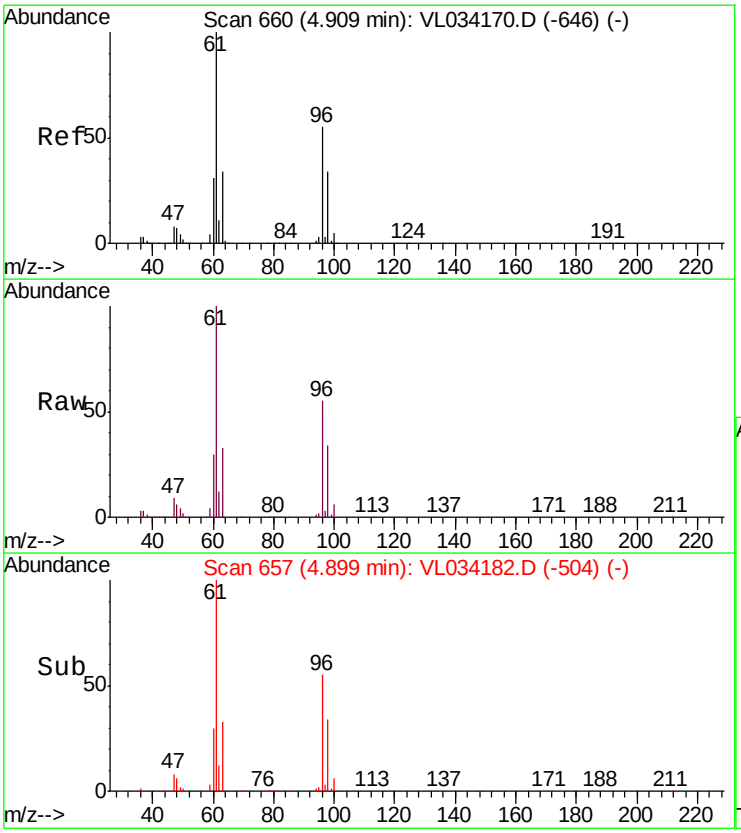
#21
Allyl Chloride
Concen: 9.780 ppbv
RT: 4.42 min Scan# 508
Delta R.T. -0.01 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 41 Resp: 886935

Ion	Ratio	Lower	Upper
41	100		
76	27.2	21.8	32.6
39	82.1	64.8	97.2

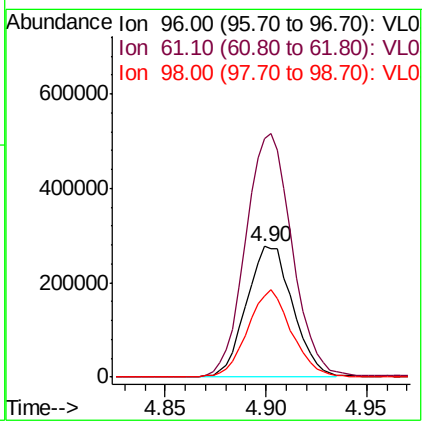


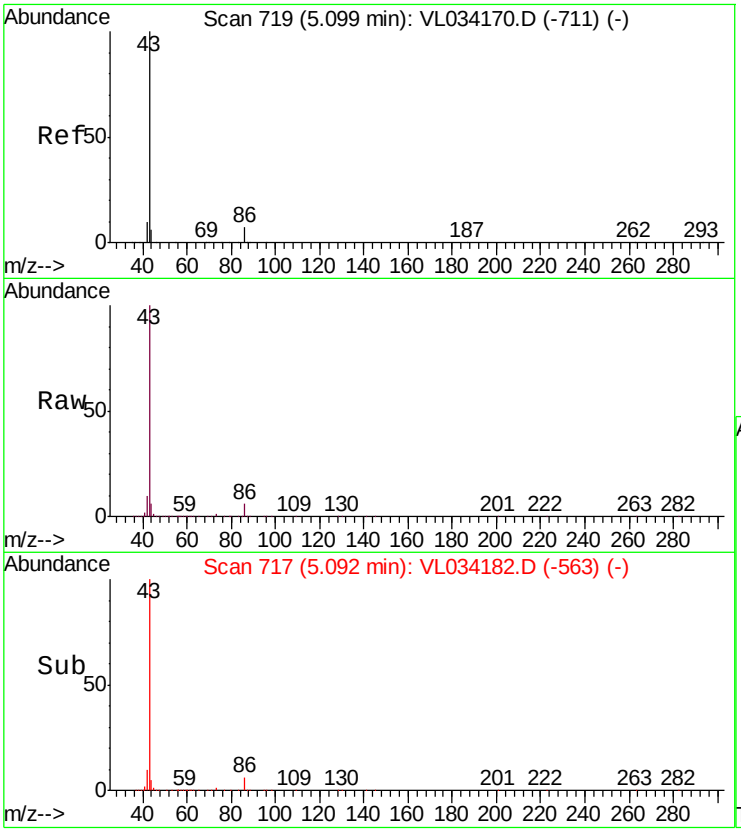


#22
trans-1,2-Dichloroethene
Concen: 9.698 ppbv
RT: 4.90 min Scan# 657
Delta R.T. -0.01 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Tgt Ion: 96 Resp: 446135

Ion	Ratio	Lower	Upper
96	100		
61	182.0	145.5	218.3
98	62.4	49.9	74.9



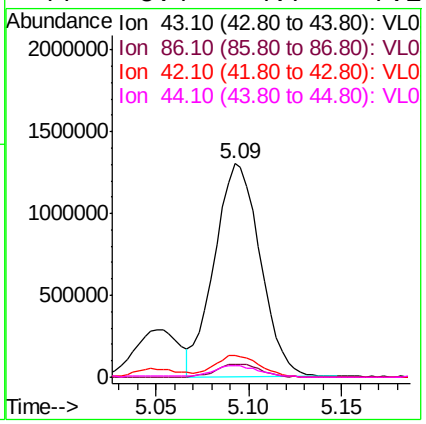


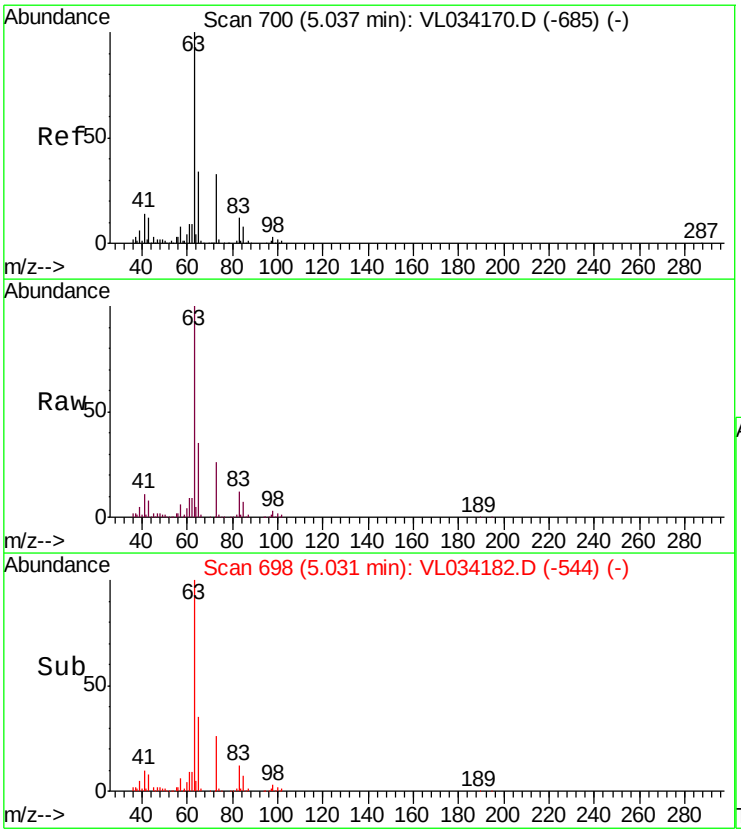
#23
Vinyl Acetate
Concen: 9.414 ppbv
RT: 5.09 min Scan# 717
Delta R.T. -0.01 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 43 Resp: 2227393

Ion	Ratio	Lower	Upper
43	100		
86	6.3	5.1	7.7
42	9.8	8.6	12.8
44	5.4	4.7	7.1

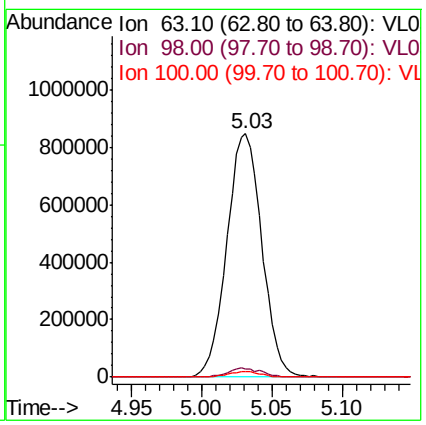


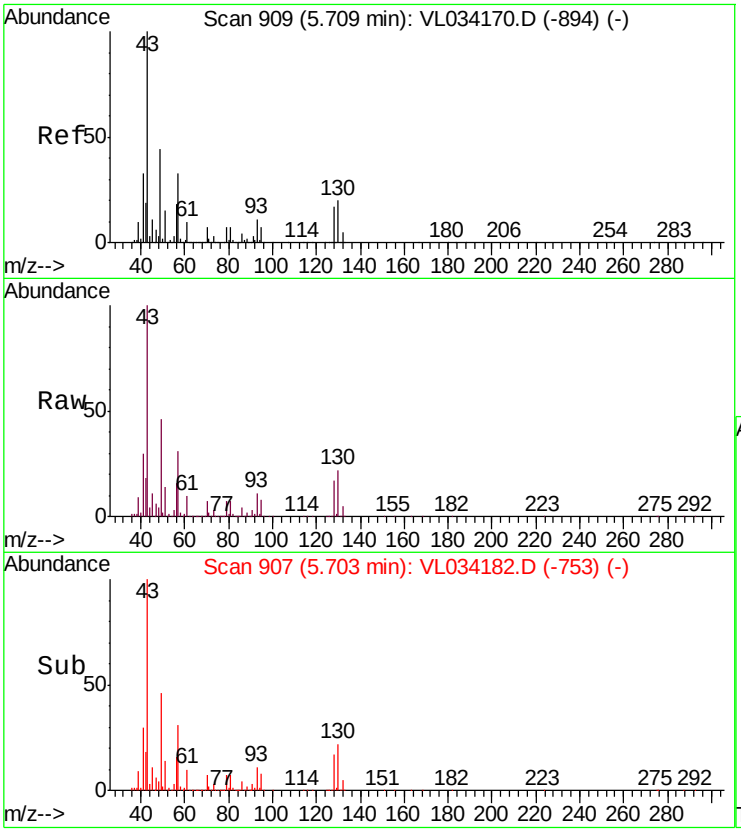


#24
1,1-Dichloroethane
Concen: 9.205 ppbv
RT: 5.03 min Scan# 698
Delta R.T. -0.01 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Tgt Ion: 63 Resp: 1466543

Ion	Ratio	Lower	Upper
63	100		
98	3.4	1.8	5.3
100	2.4	1.0	3.0



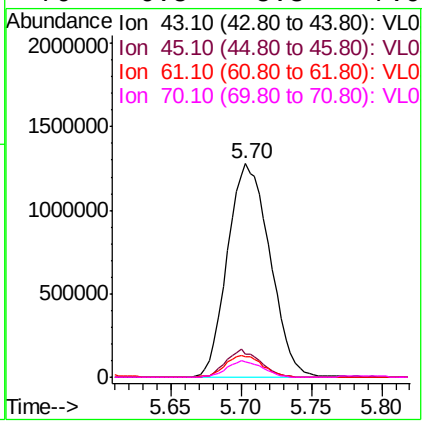


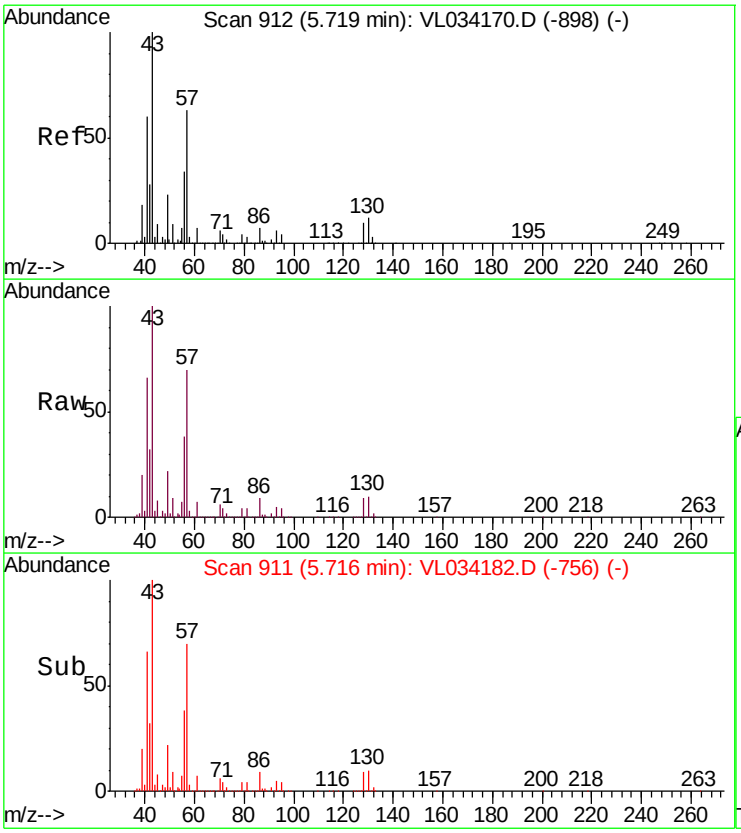
#25
Ethyl Acetate
Concen: 8.867 ppbv
RT: 5.70 min Scan# 907
Delta R.T. -0.01 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 2692373

Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.4	12.6
61	9.0	7.2	10.8
70	6.5	5.3	7.9

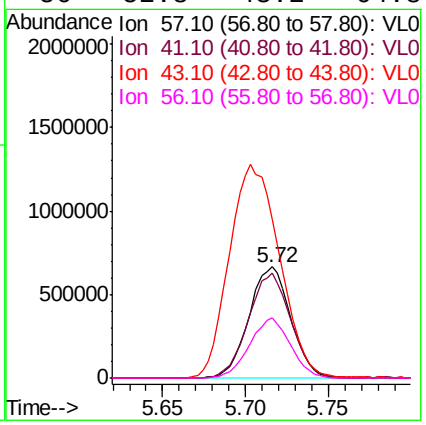


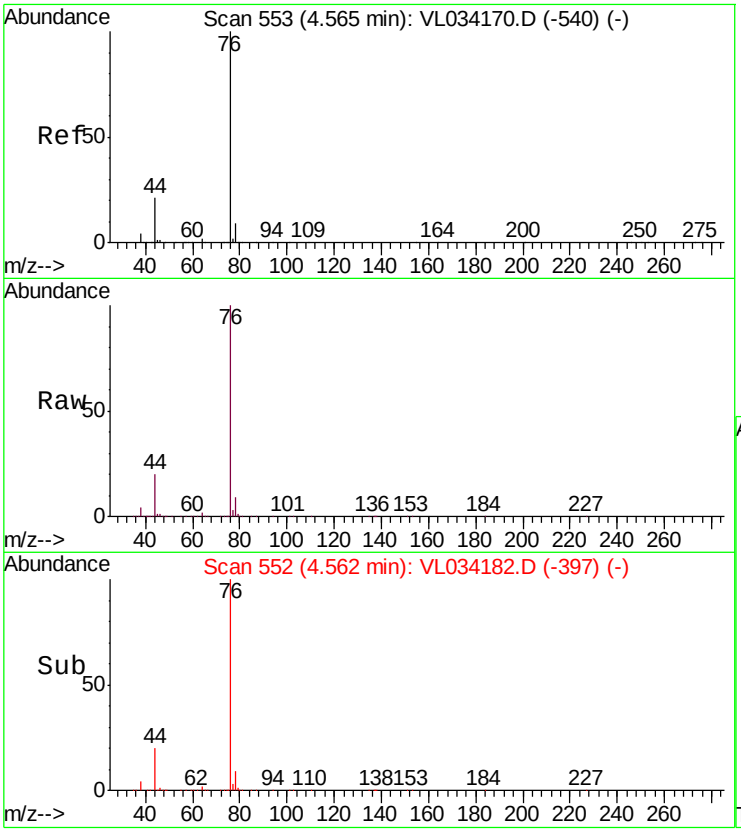


#26
Hexane
Concen: 9.237 ppbv
RT: 5.72 min Scan# 911
Delta R.T. -0.00 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Tgt Ion: 57 Resp: 1166707

Ion	Ratio	Lower	Upper
57	100		
41	95.9	78.5	117.7
43	232.0	189.5	284.3
56	52.8	43.2	64.8



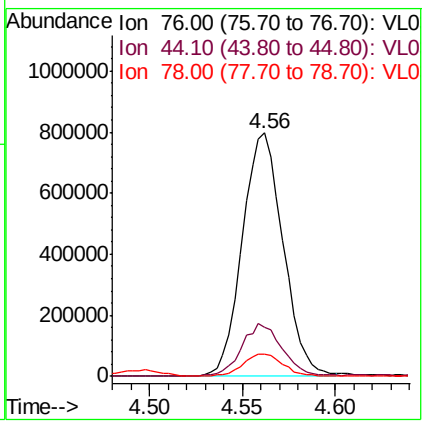


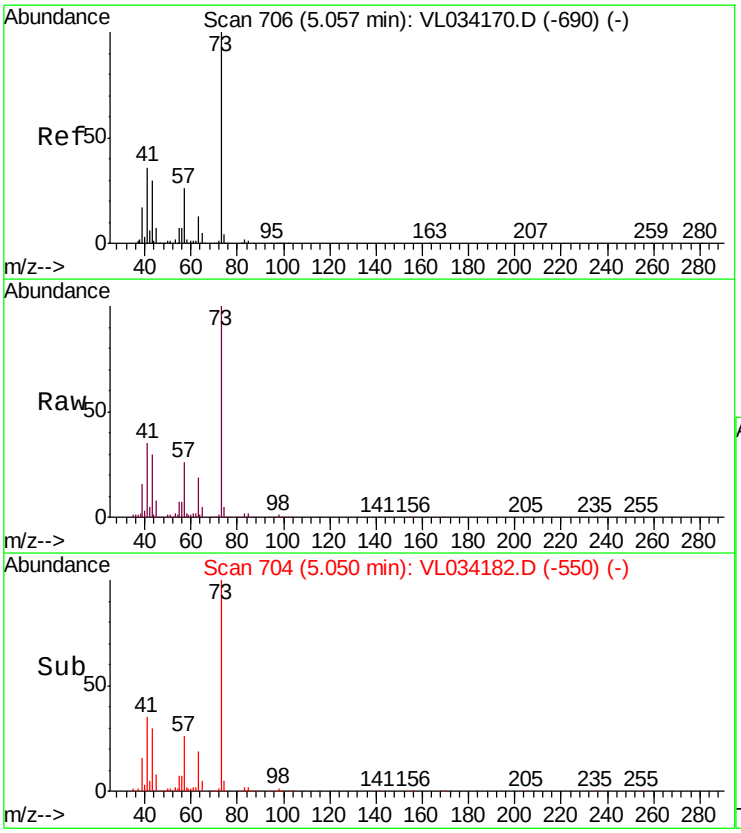
#27
Carbon Disulfide
Concen: 10.438 ppbv
RT: 4.56 min Scan# 552
Delta R.T. -0.00 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 76 Resp: 1215899

Ion	Ratio	Lower	Upper
76	100		
44	21.4	17.6	26.4
78	9.2	7.6	11.4

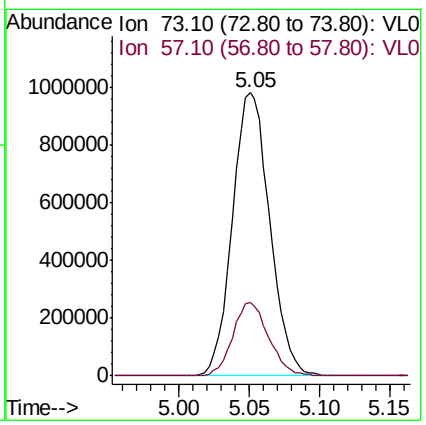


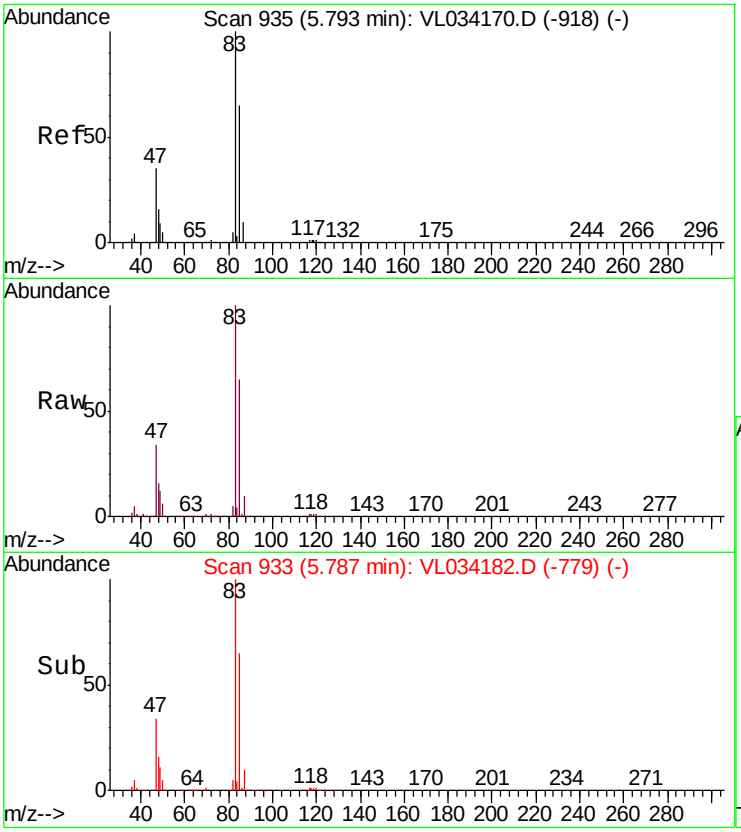


#28
Methyl tert-Butyl Ether
Concen: 9.708 ppbv
RT: 5.05 min Scan# 704
Delta R.T. -0.01 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Tgt Ion: 73 Resp: 1821092

Ion	Ratio	Lower	Upper
73	100		
57	25.1	20.2	30.2



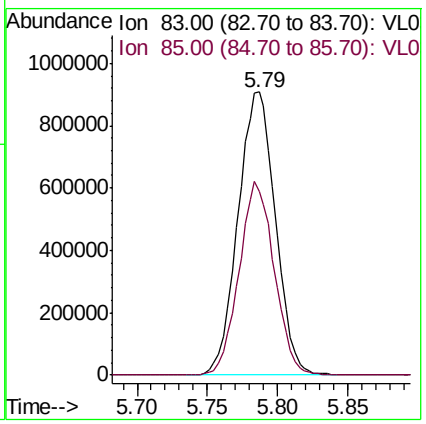


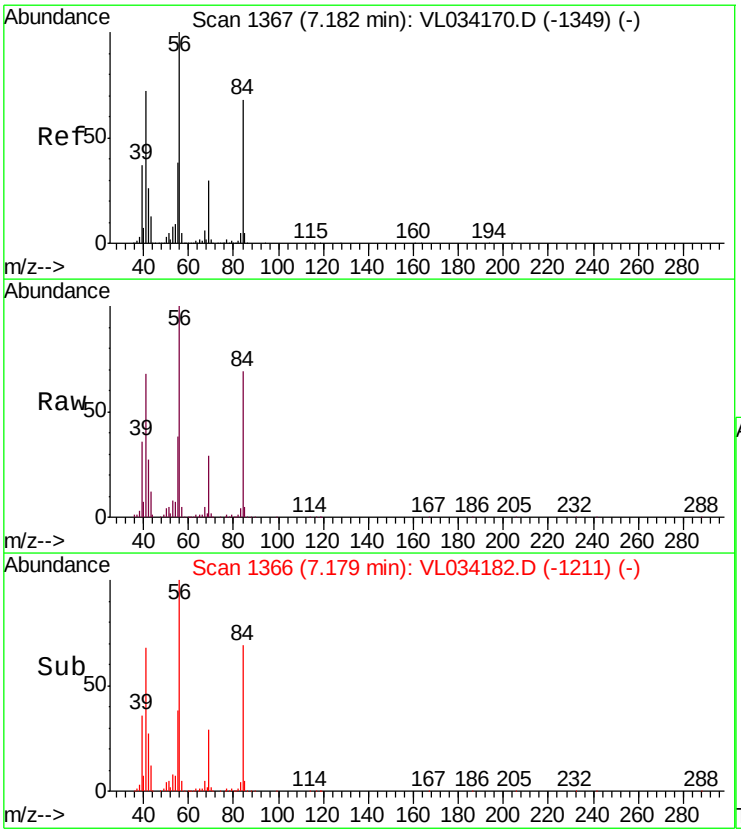
#29
Chloroform
Concen: 9.333 ppbv
RT: 5.79 min Scan# 933
Delta R.T. -0.01 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 1684459

Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.3	78.5

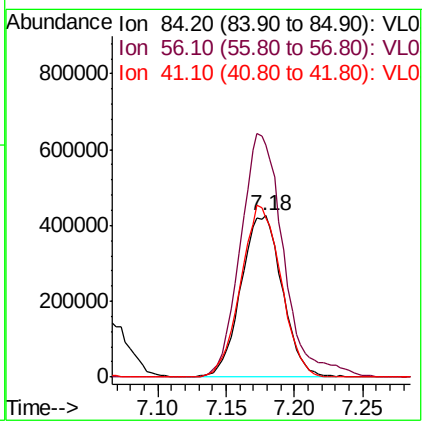


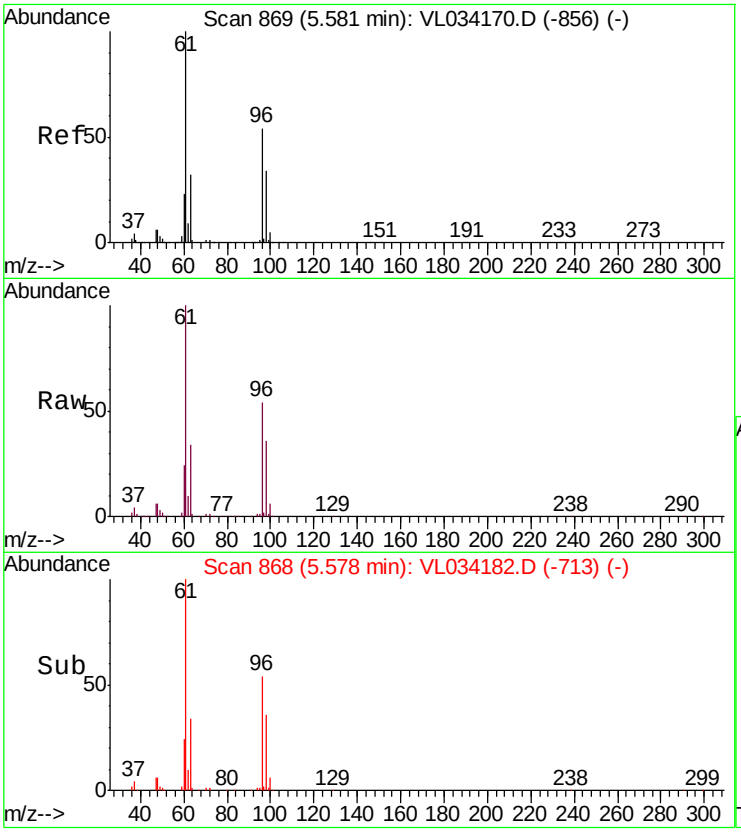


#30
Cyclohexane
Concen: 9.823 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.00 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Tgt Ion: 84 Resp: 895750

Ion	Ratio	Lower	Upper
84	100		
56	157.4	126.2	189.2
41	103.9	85.8	128.8



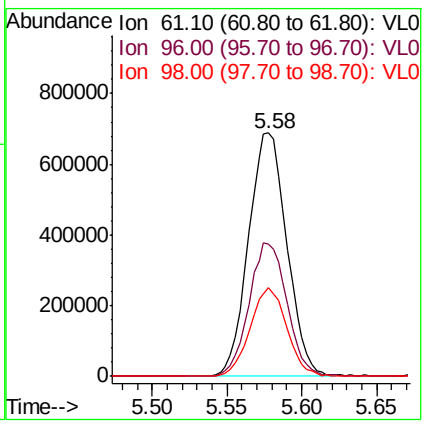


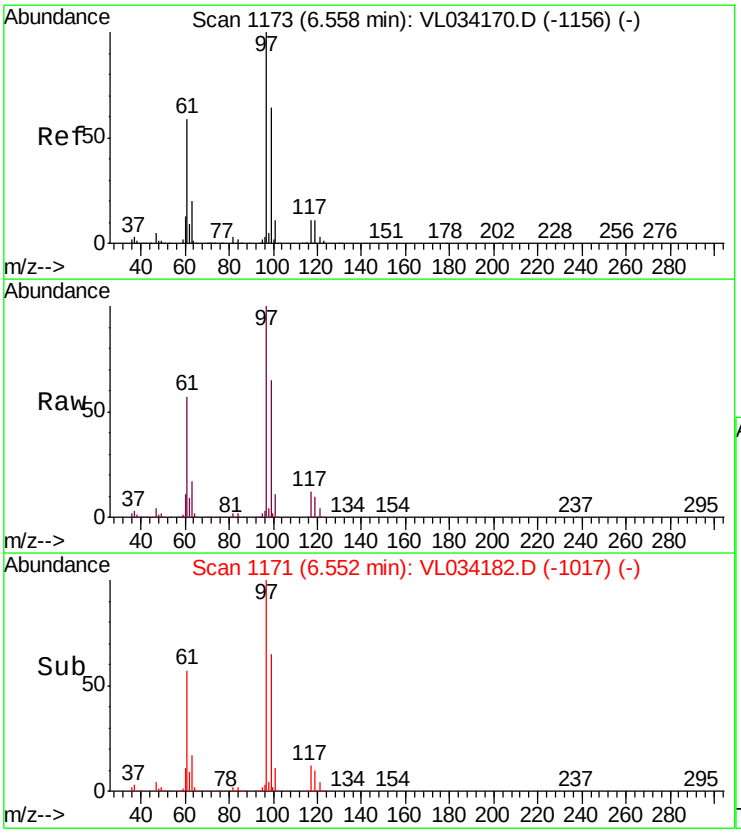
#31
cis-1,2-Dichloroethene
Concen: 9.539 ppbv
RT: 5.58 min Scan# 868
Delta R.T. -0.00 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 61 Resp: 1228185

Ion	Ratio	Lower	Upper
61	100		
96	54.4	43.0	64.4
98	36.3	27.2	40.8

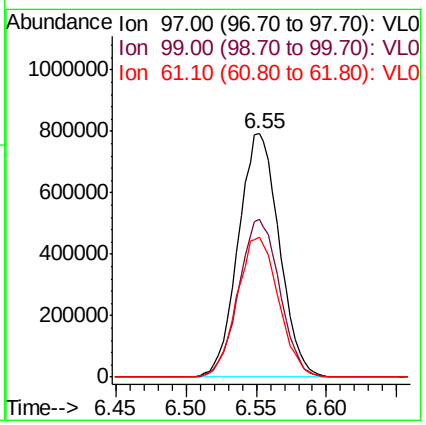


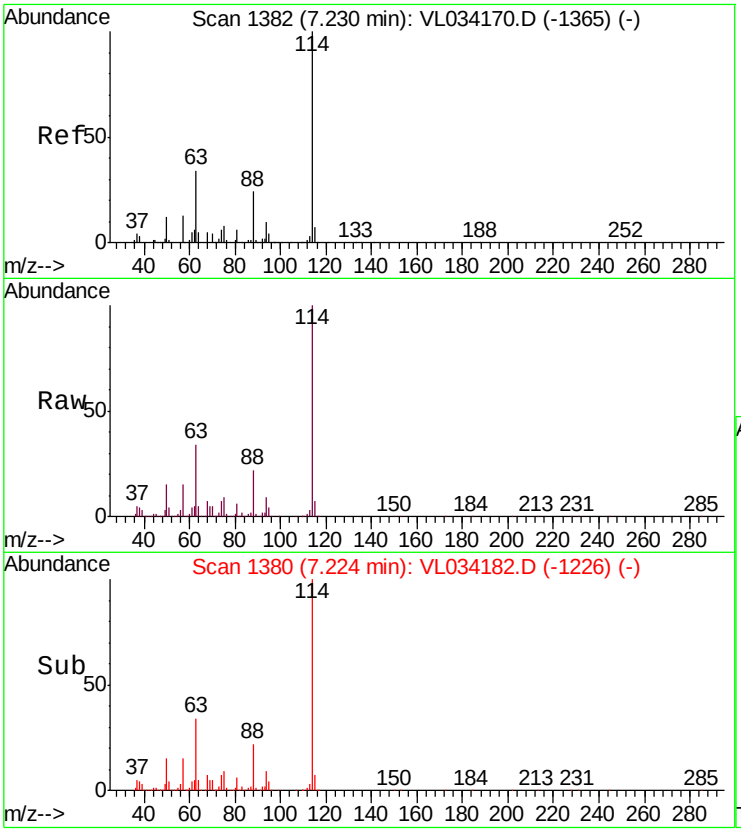


#32
1,1,1-Trichloroethane
Concen: 9.272 ppbv
RT: 6.55 min Scan# 1171
Delta R.T. -0.01 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Tgt Ion: 97 Resp: 1613856

Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.4	77.2
61	58.8	48.4	72.6



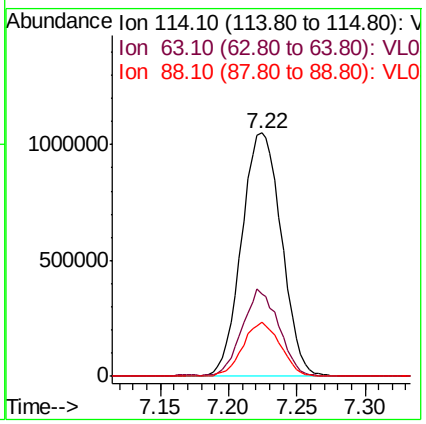


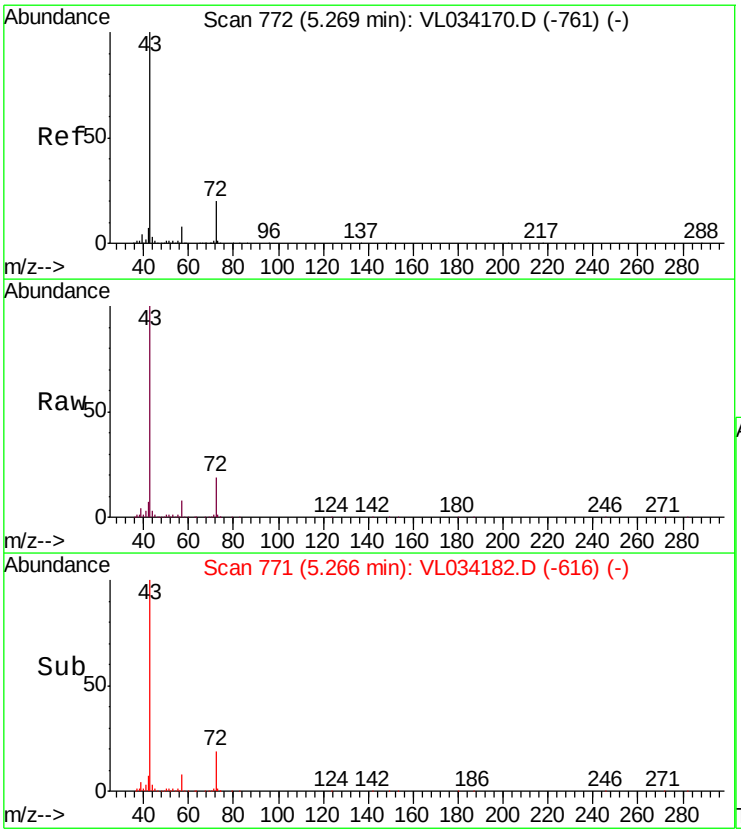
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.22 min Scan# 1380
Delta R.T. -0.01 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:114 Resp: 2131271

Ion	Ratio	Lower	Upper
114	100		
63	33.5	27.8	41.6
88	21.0	17.1	25.7

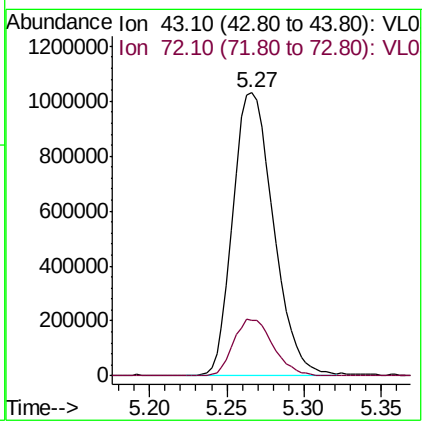


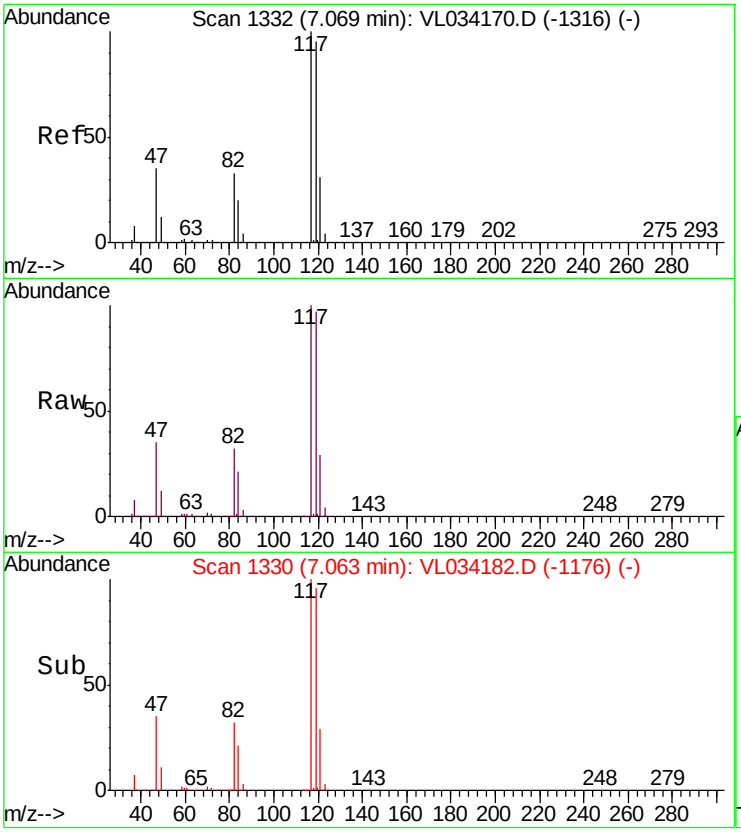


#34
2-Butanone
Concen: 8.628 ppbv
RT: 5.27 min Scan# 771
Delta R.T. -0.00 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Tgt Ion: 43 Resp: 1877574

Ion	Ratio	Lower	Upper
43	100		
72	19.8	15.0	22.6



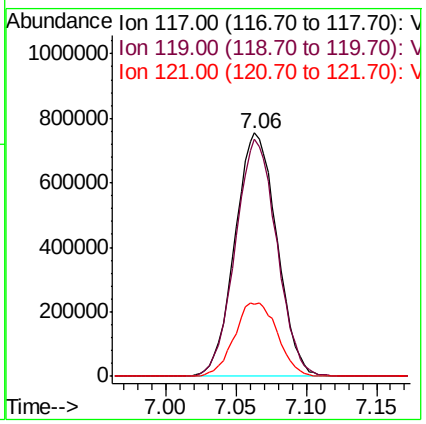


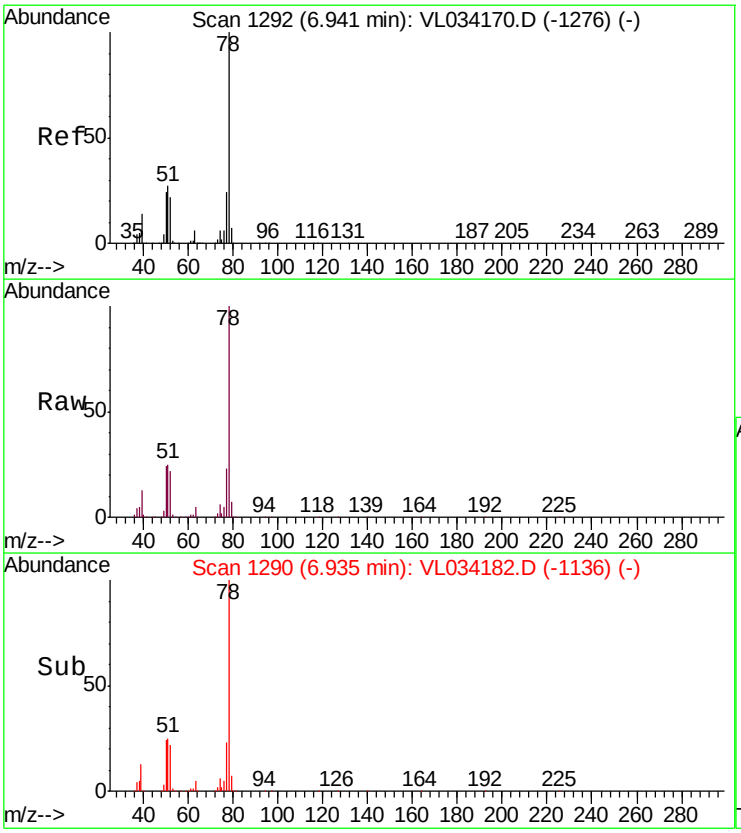
#35
Carbon Tetrachloride
Concen: 8.870 ppbv
RT: 7.06 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:117 Resp: 1570508

Ion	Ratio	Lower	Upper
117	100		
119	97.3	75.8	113.6
121	29.4	25.0	37.6

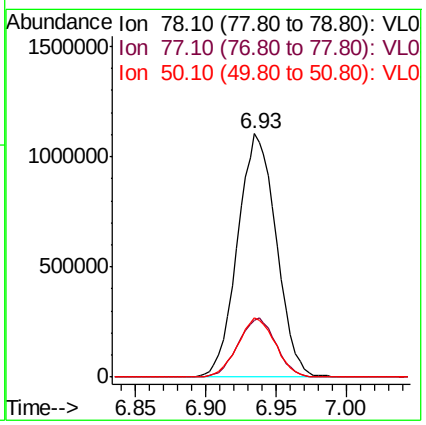


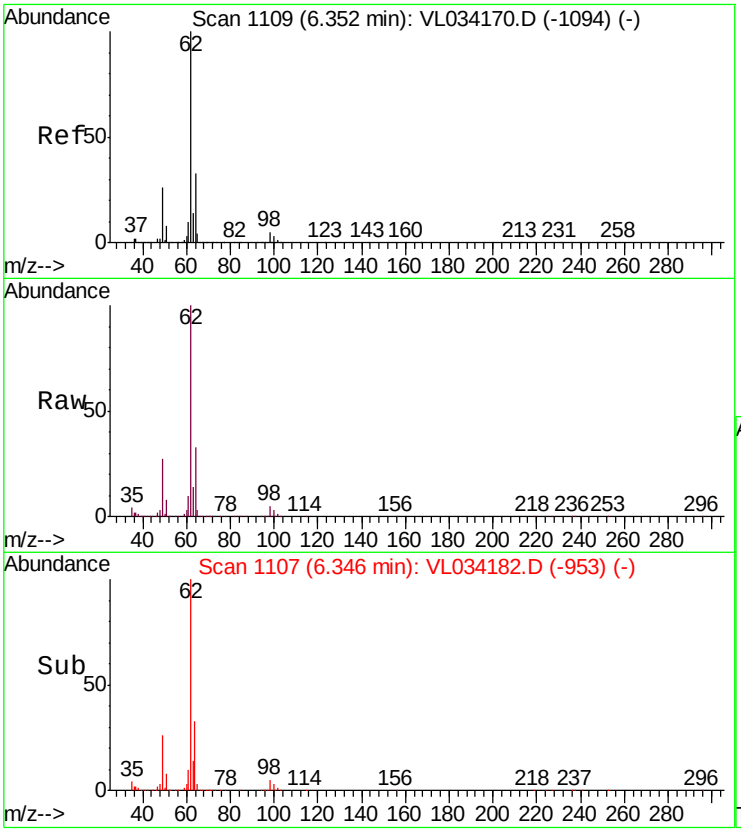


#36
Benzene
Concen: 9.018 ppbv
RT: 6.93 min Scan# 1290
Delta R.T. -0.01 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Tgt Ion: 78 Resp: 2122739

Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.0	28.4
50	24.1	18.9	28.3



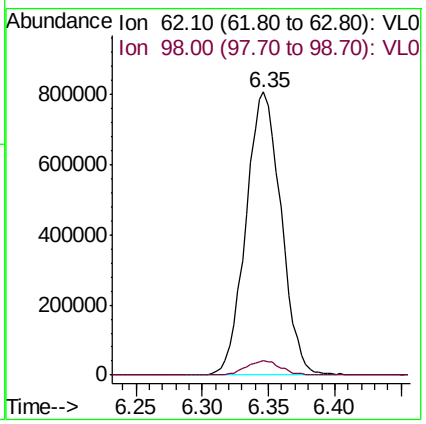


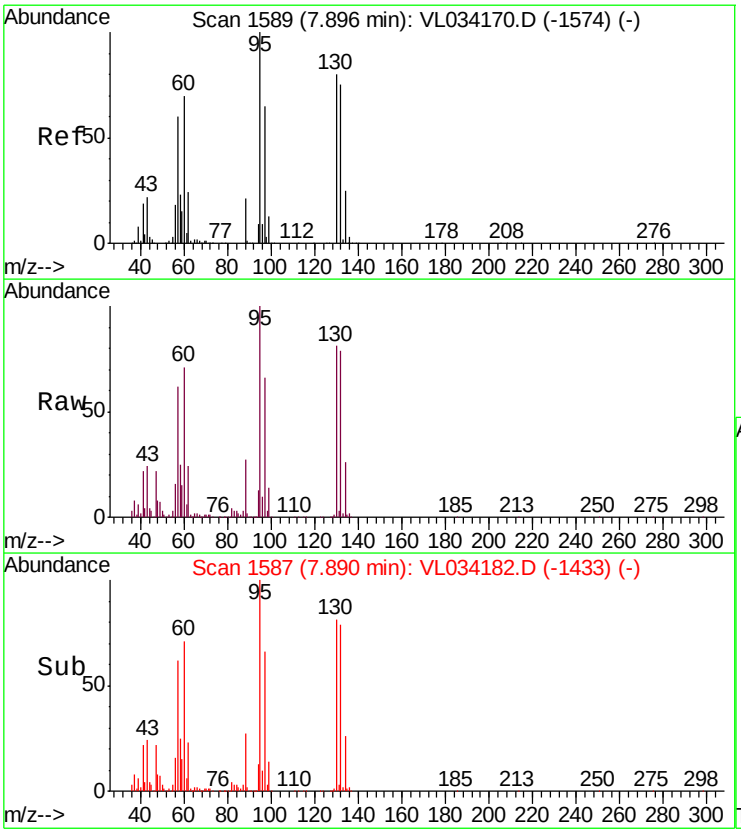
#37
1,2-Dichloroethane
Concen: 8.894 ppbv
RT: 6.35 min Scan# 1107
Delta R.T. -0.01 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 1489104

Ion	Ratio	Lower	Upper
62	100		
98	5.0	3.8	5.8

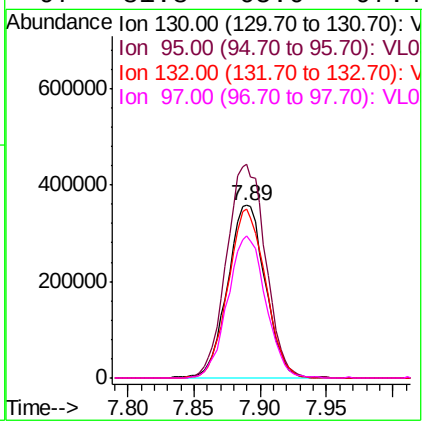


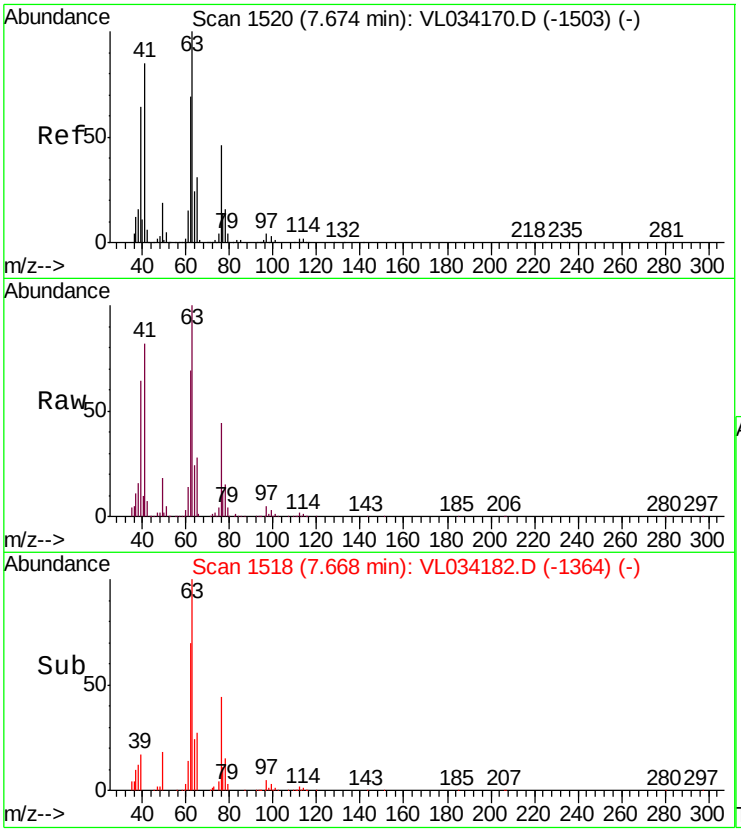


#38
Trichloroethene
Concen: 8.398 ppbv
RT: 7.89 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Tgt Ion:130 Resp: 706287

Ion	Ratio	Lower	Upper
130	100		
95	123.6	99.8	149.6
132	97.6	75.2	112.8
97	81.8	65.0	97.4



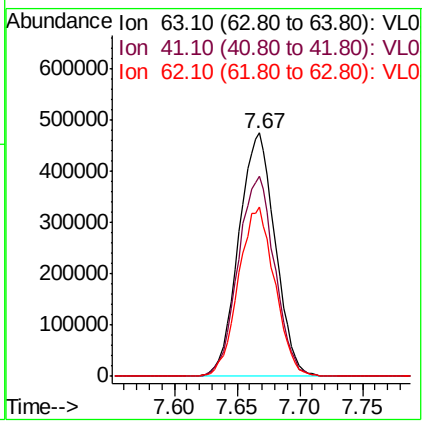


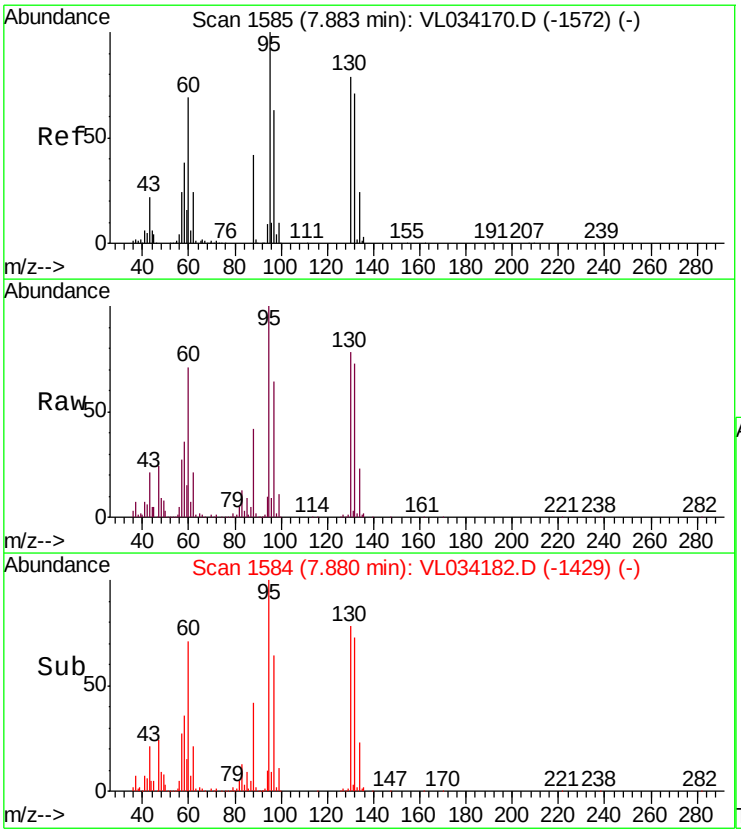
#39
1,2-Dichloropropane
Concen: 9.064 ppbv
RT: 7.67 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 63 Resp: 958636

Ion	Ratio	Lower	Upper
63	100		
41	82.1	68.4	102.6
62	69.3	55.4	83.2

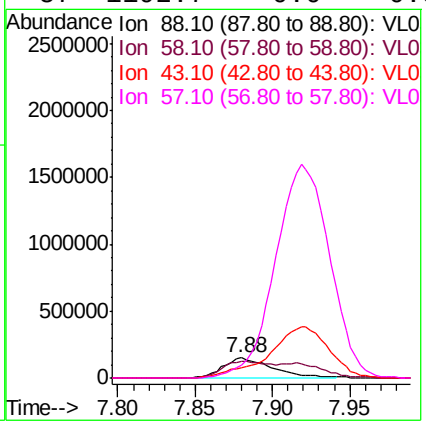


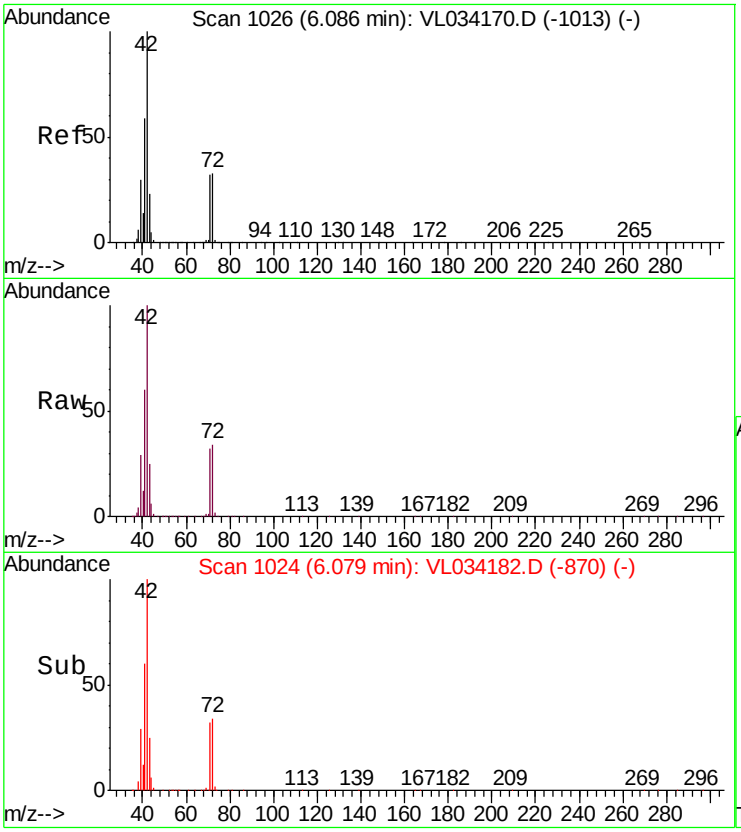


#40
1,4-Dioxane
Concen: 9.594 ppbv
RT: 7.88 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Tgt Ion: 88 Resp: 328349

Ion	Ratio	Lower	Upper
88	100		
58	147.5	131.8	197.6
43	313.2	0.0	0.0#
57	1192.7	0.0	0.0#



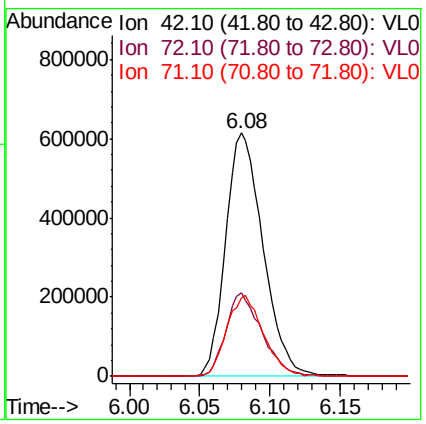


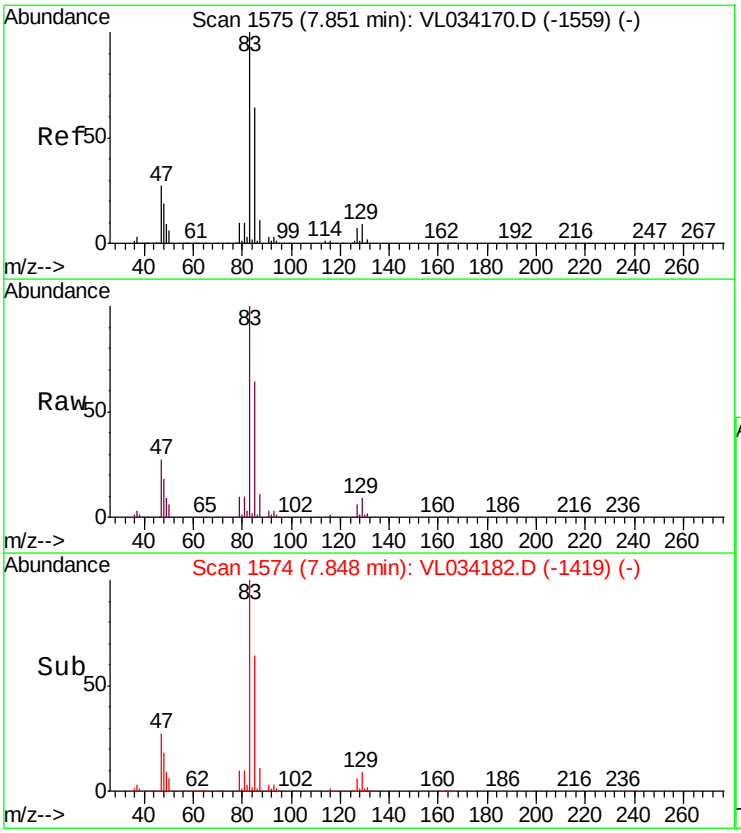
#41
Tetrahydrofuran
Concen: 9.331 ppbv
RT: 6.08 min Scan# 1024
Delta R.T. -0.01 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 42 Resp: 1143652

Ion	Ratio	Lower	Upper
42	100		
72	33.2	26.6	40.0
71	32.7	25.1	37.7

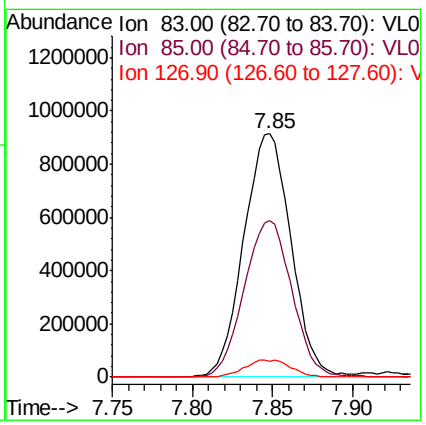


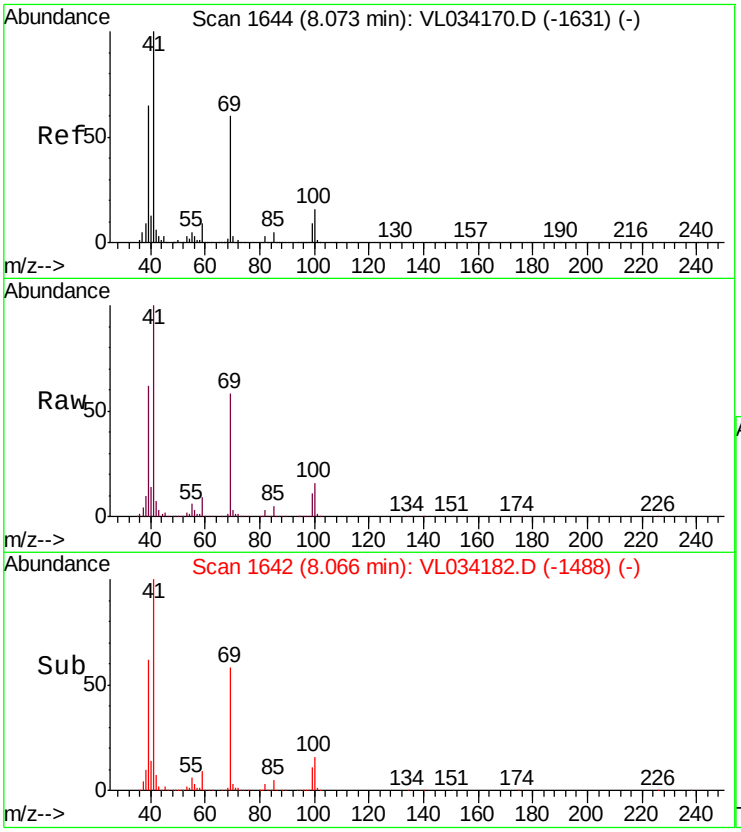


#42
Bromodichloromethane
Concen: 9.177 ppbv
RT: 7.85 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Tgt Ion: 83 Resp: 1843890

Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.4	77.0
127	6.2	5.5	8.3



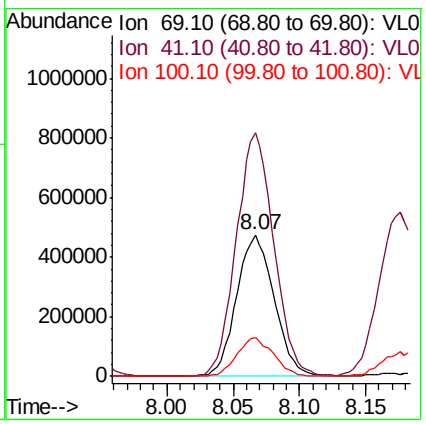


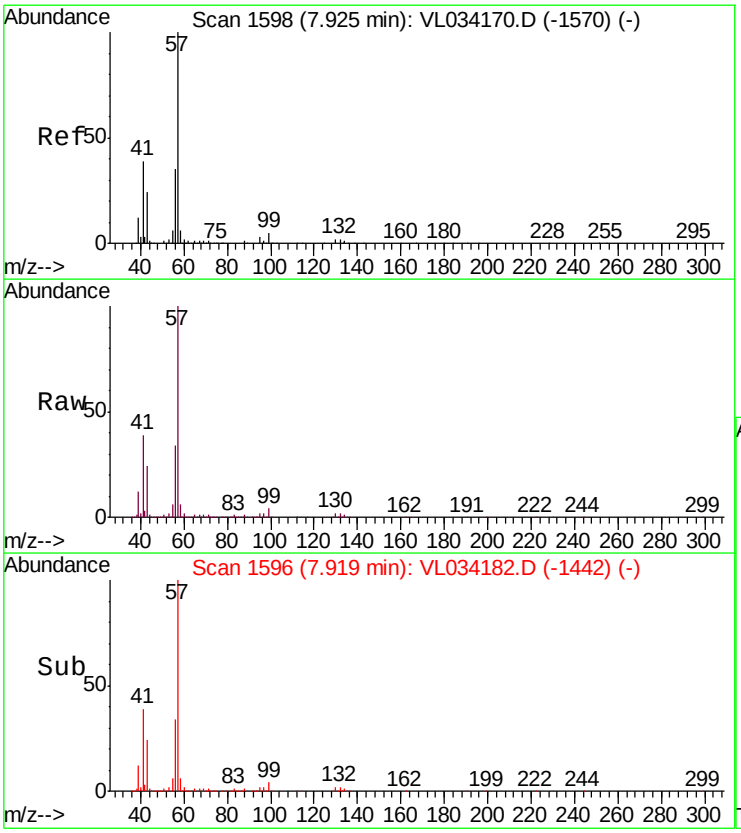
#43
Methyl Methacrylate
Concen: 9.601 ppbv
RT: 8.07 min Scan# 1642
Delta R.T. -0.01 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 69 Resp: 933561

Ion	Ratio	Lower	Upper
69	100		
41	172.2	140.4	210.6
100	26.8	21.9	32.9

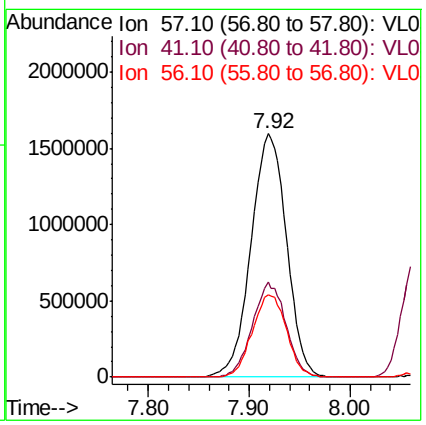


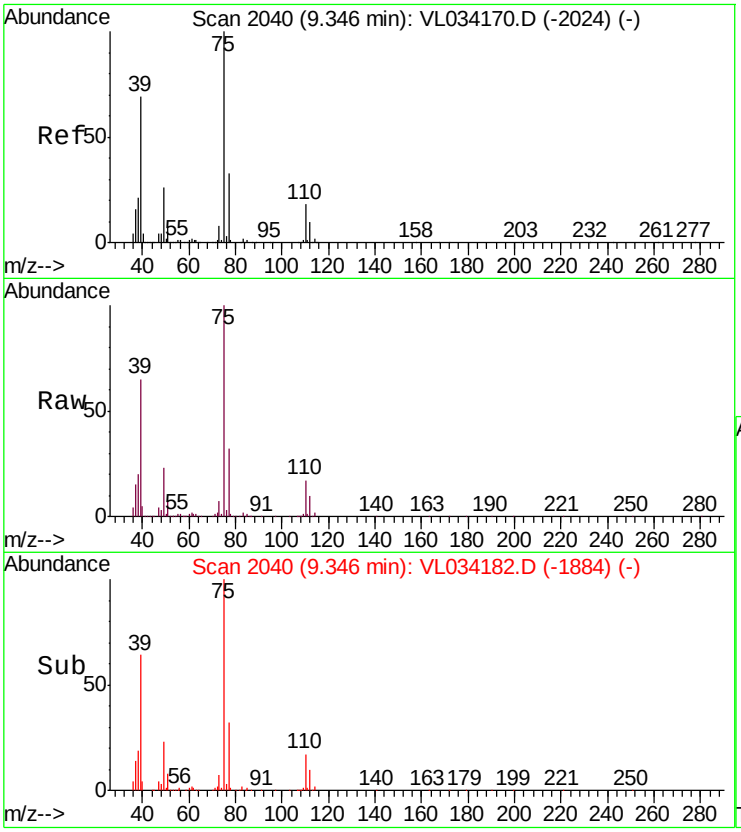


#44
2,2,4-Trimethylpentane
Concen: 8.627 ppbv
RT: 7.92 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Tgt Ion: 57 Resp: 3909104

Ion	Ratio	Lower	Upper
57	100		
41	36.5	29.8	44.6
56	32.5	25.9	38.9



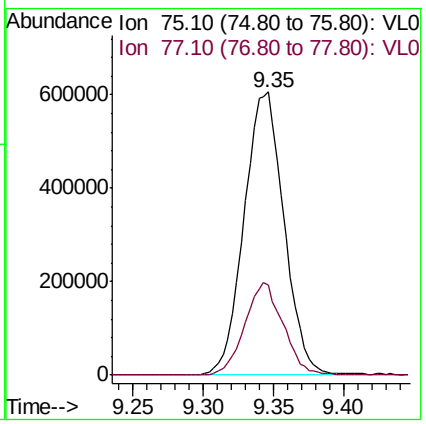


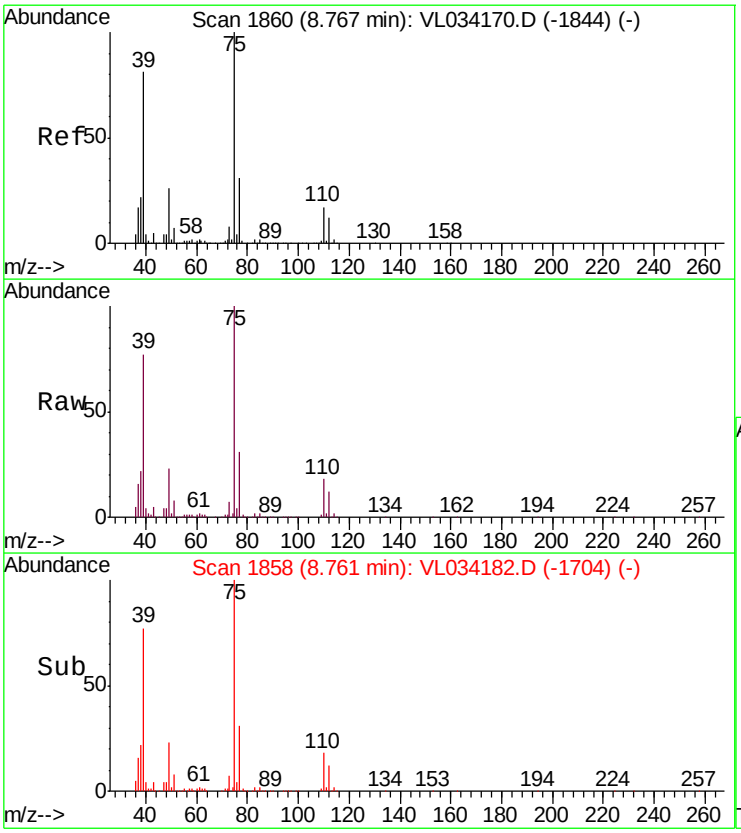
#45
t-1,3-Dichloropropene
Concen: 10.447 ppbv
RT: 9.35 min Scan# 2040
Delta R.T. 0.00 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 1201106

Ion	Ratio	Lower	Upper
75	100		
77	31.6	26.2	39.2

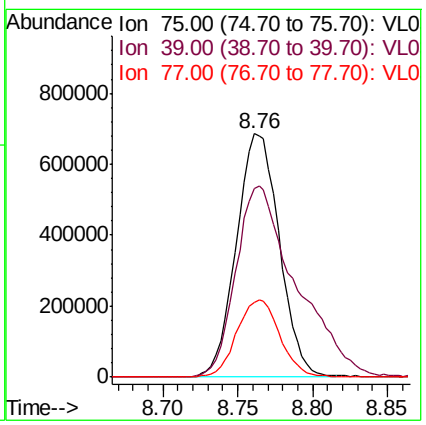


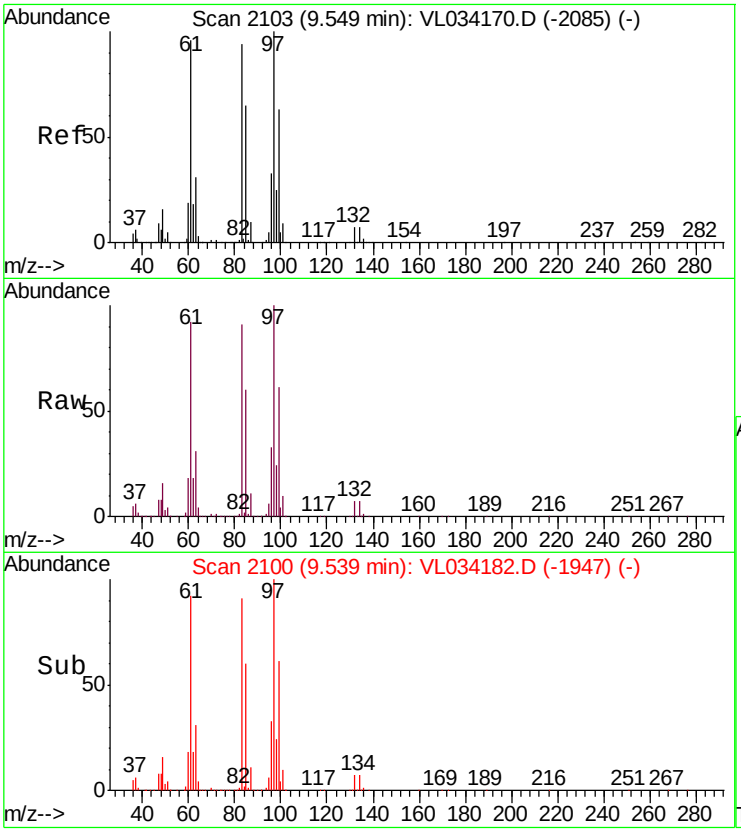


#46
cis-1,3-Dichloropropene
Concen: 9.900 ppbv
RT: 8.76 min Scan# 1858
Delta R.T. -0.01 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Tgt Ion: 75 Resp: 1369192

Ion	Ratio	Lower	Upper
75	100		
39	77.2	65.0	97.4
77	30.7	24.5	36.7



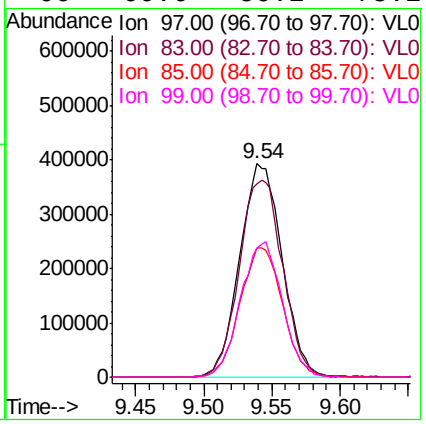


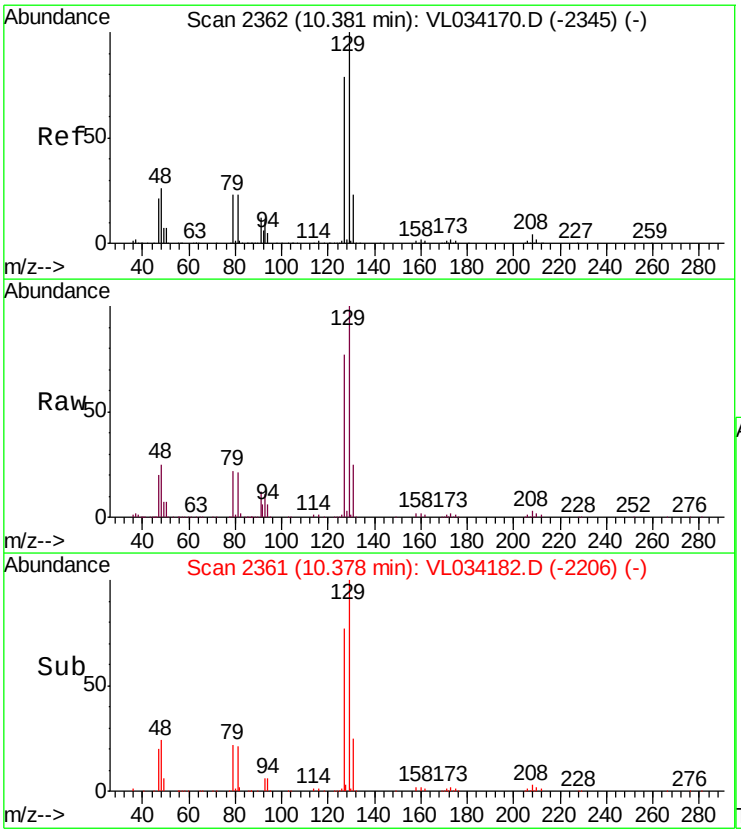
#47
1,1,2-Trichloroethane
Concen: 8.936 ppbv
RT: 9.54 min Scan# 2100
Delta R.T. -0.01 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 97 Resp: 848620

Ion	Ratio	Lower	Upper
97	100		
83	90.7	75.3	112.9
85	60.4	52.1	78.1
99	60.6	50.2	75.2

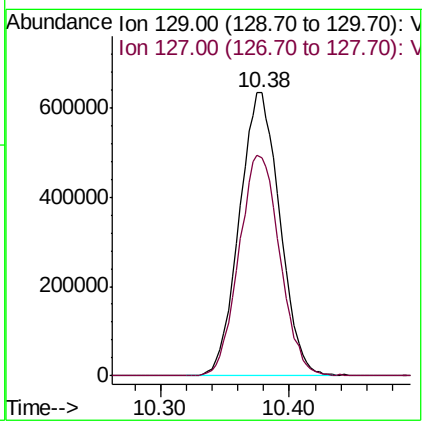


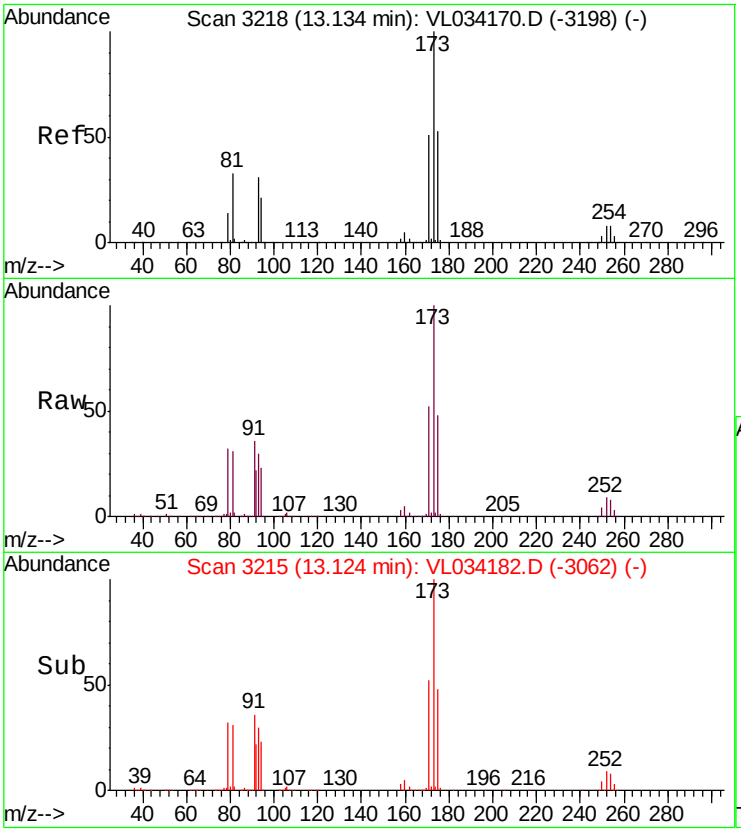


#48
Dibromochloromethane
Concen: 9.184 ppbv
RT: 10.38 min Scan# 2361
Delta R.T. -0.00 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Tgt Ion:129 Resp: 1382420

Ion	Ratio	Lower	Upper
129	100		
127	78.8	39.2	117.6



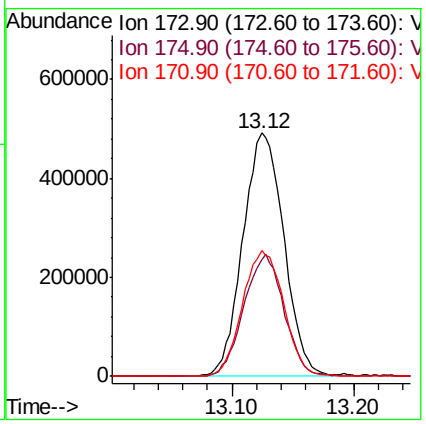


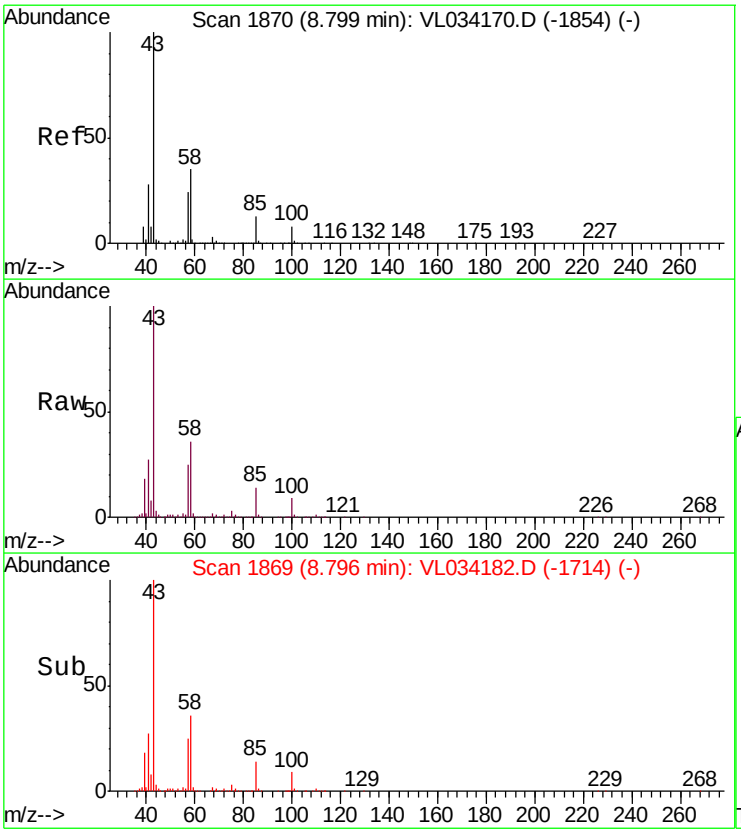
#49
Bromoform
Concen: 9.387 ppbv
RT: 13.12 min Scan# 3215
Delta R.T. -0.01 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:173 Resp: 1143372

Ion	Ratio	Lower	Upper
173	100		
175	49.3	40.3	60.5
171	52.1	42.0	63.0

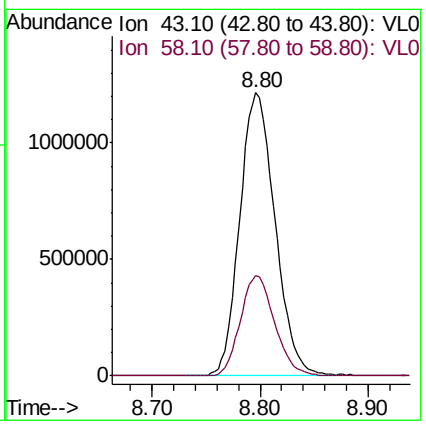


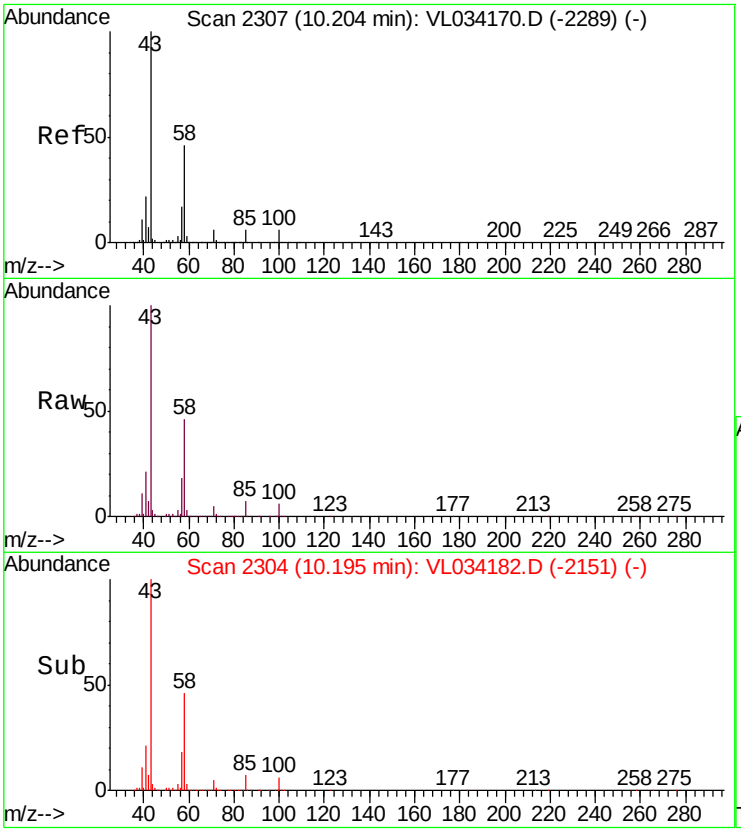


#50
4-Methyl-2-Pentanone
Concen: 8.745 ppbv
RT: 8.80 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Tgt Ion: 43 Resp: 2769698

Ion	Ratio	Lower	Upper
43	100		
58	34.6	27.6	41.4



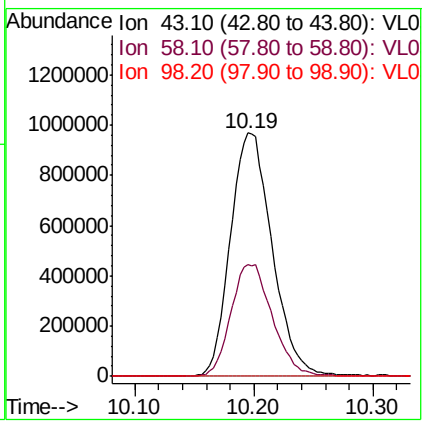


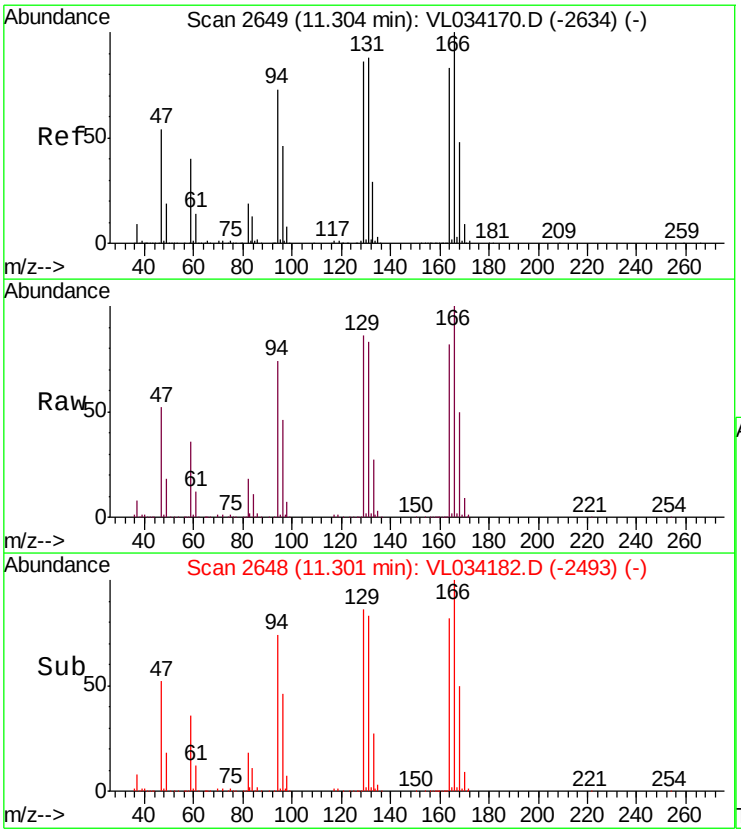
#51
2-Hexanone
Concen: 8.826 ppbv
RT: 10.19 min Scan# 2304
Delta R.T. -0.01 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 43 Resp: 2345738

Ion	Ratio	Lower	Upper
43	100		
58	46.0	36.2	54.4
98	0.1	0.2	0.2#

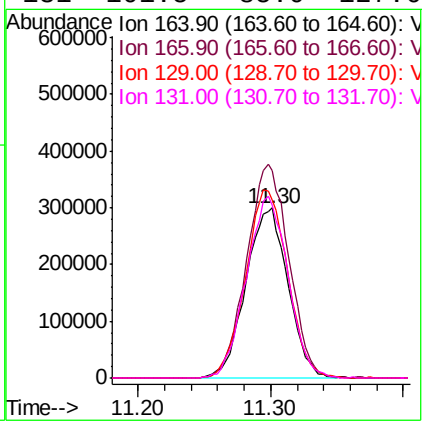


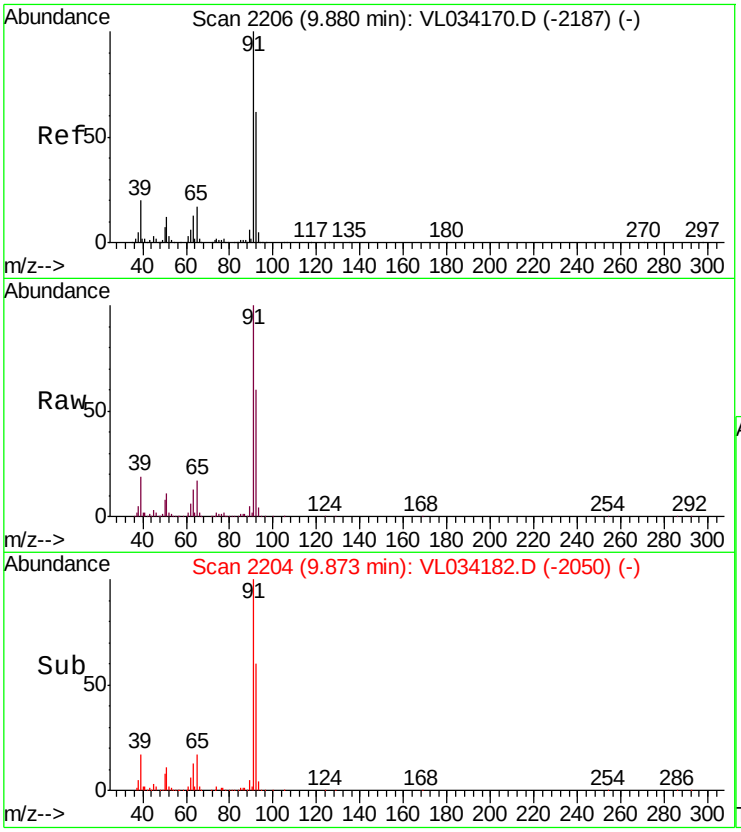


#52
Tetrachloroethene
Concen: 8.508 ppbv
RT: 11.30 min Scan# 2648
Delta R.T. -0.00 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Tgt Ion:164 Resp: 661617

Ion	Ratio	Lower	Upper
164	100		
166	122.0	96.7	145.1
129	104.6	82.8	124.2
131	101.5	85.0	127.6



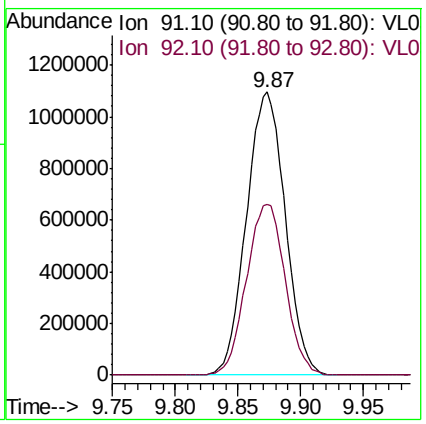


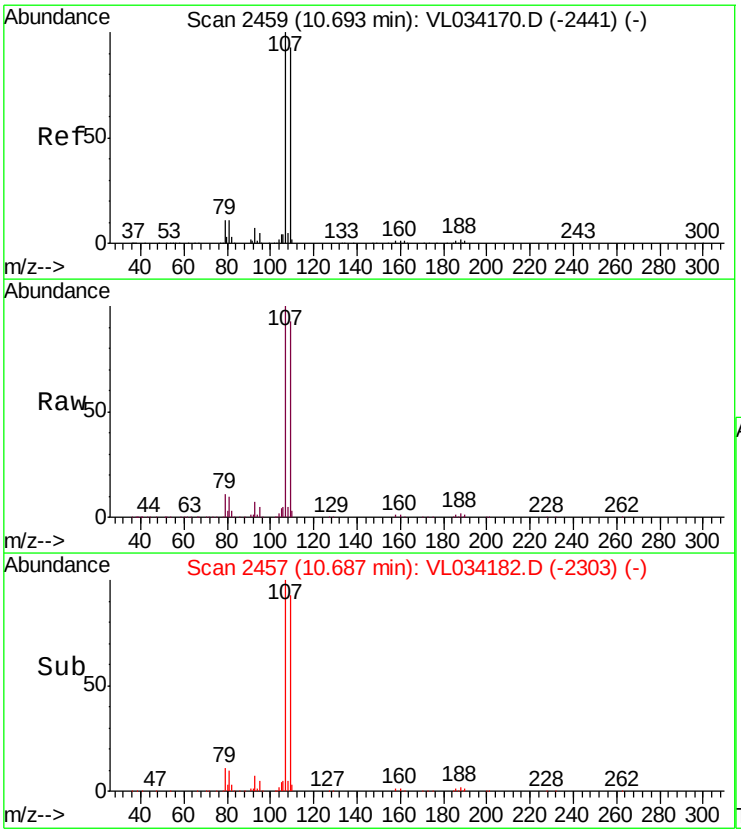
#53
Toluene
Concen: 9.171 ppbv
RT: 9.87 min Scan# 2204
Delta R.T. -0.01 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 91 Resp: 2359171

Ion	Ratio	Lower	Upper
91	100		
92	60.5	49.0	73.6

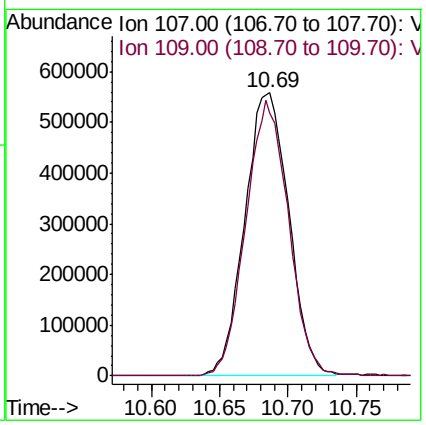


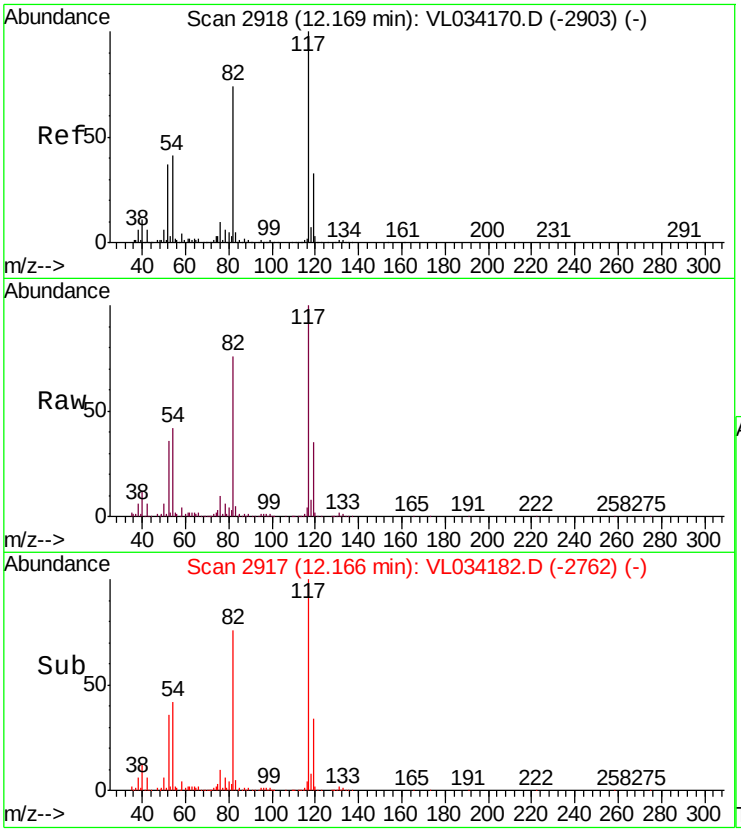


#54
1,2-Dibromoethane
Concen: 8.855 ppbv
RT: 10.69 min Scan# 2457
Delta R.T. -0.01 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Tgt Ion:107 Resp: 1250561

Ion	Ratio	Lower	Upper
107	100		
109	92.8	74.5	111.7



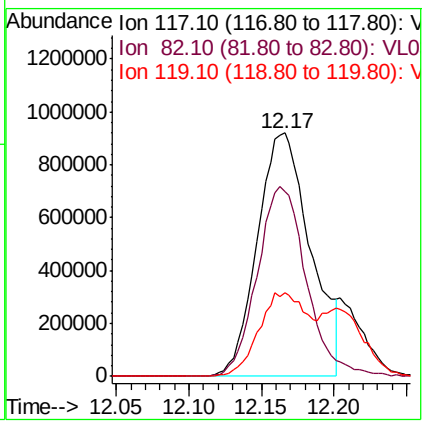


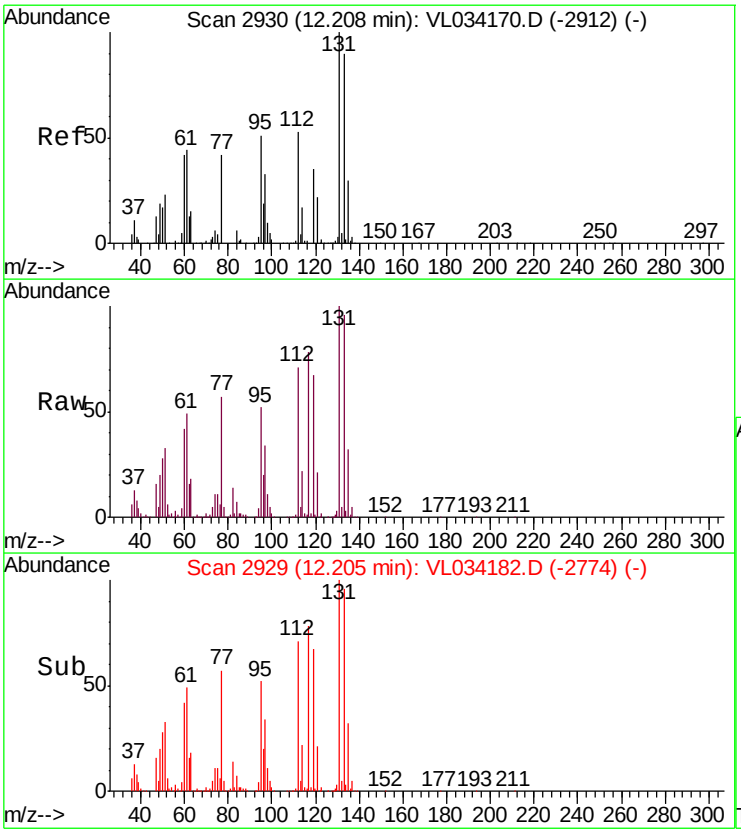
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.17 min Scan# 2917
Delta R.T. -0.00 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:117 Resp: 2346784

Ion	Ratio	Lower	Upper
117	100		
82	72.4	58.2	87.4
119	32.2	23.7	35.5

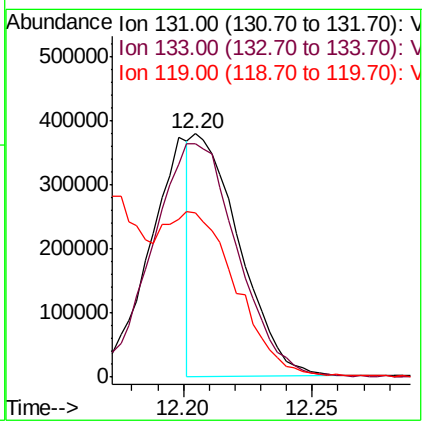


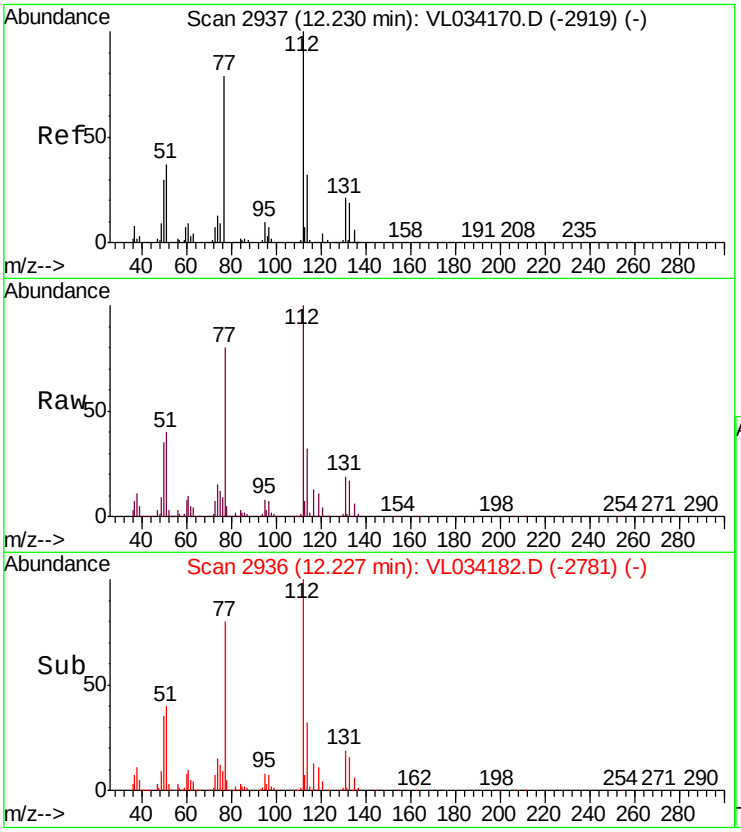


#56
1,1,1,2-Tetrachloroethane
Concen: 4.594 ppbv
RT: 12.20 min Scan# 2929
Delta R.T. -0.00 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Tgt Ion:131 Resp: 480808

Ion	Ratio	Lower	Upper
131	100		
133	174.7	75.1	112.7#
119	105.8	47.4	71.0#



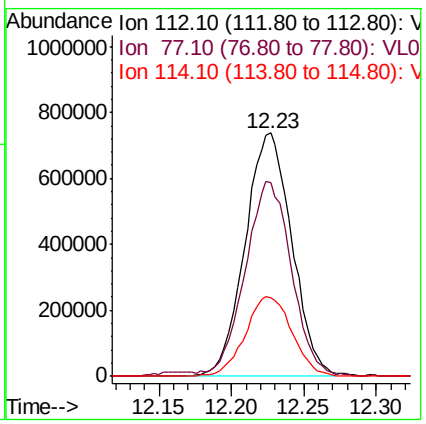


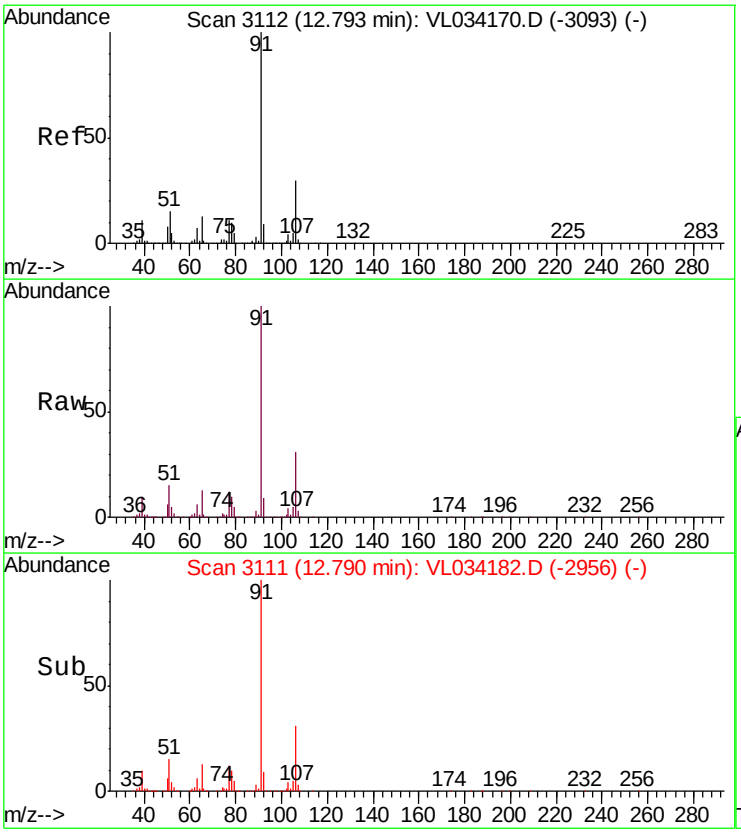
#57
Chlorobenzene
Concen: 8.069 ppbv
RT: 12.23 min Scan# 2936
Delta R.T. -0.00 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:112 Resp: 1648663

Ion	Ratio	Lower	Upper
112	100		
77	79.0	64.3	96.5
114	31.9	28.9	35.3

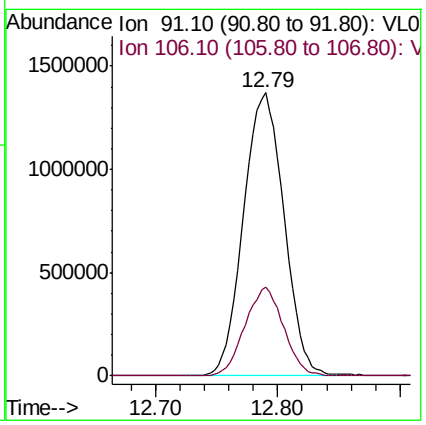


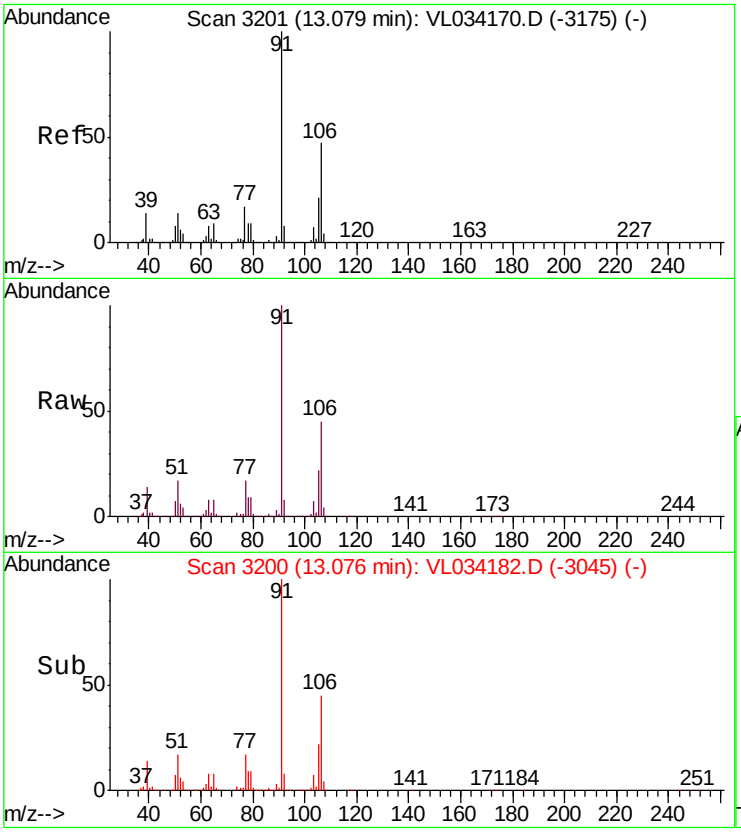


#58
Ethyl Benzene
Concen: 8.308 ppbv
RT: 12.79 min Scan# 3111
Delta R.T. -0.00 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Tgt Ion: 91 Resp: 3145910

Ion	Ratio	Lower	Upper
91	100		
106	31.4	24.2	36.4



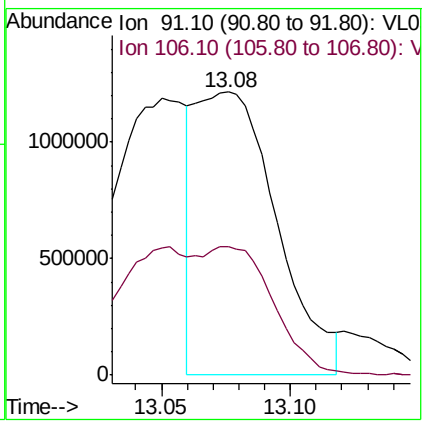


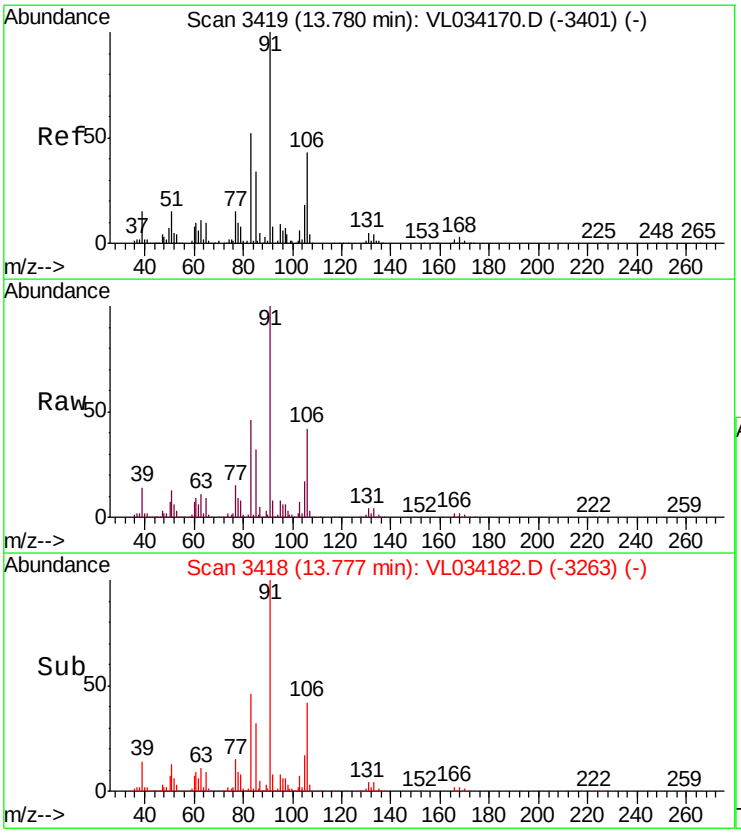
#59
m/p-Xylene
Concen: 8.422 ppbv
RT: 13.08 min Scan# 3200
Delta R.T. -0.00 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 91 Resp: 2641532

Ion	Ratio	Lower	Upper
91	100		
106	0.0	35.5	53.3#

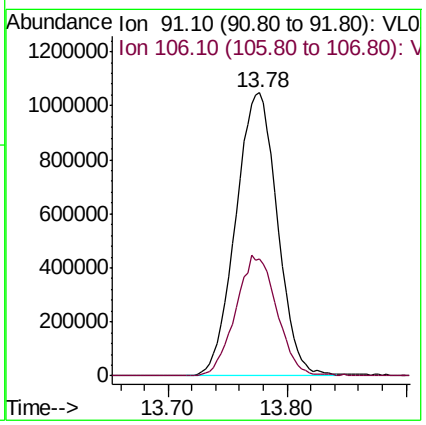


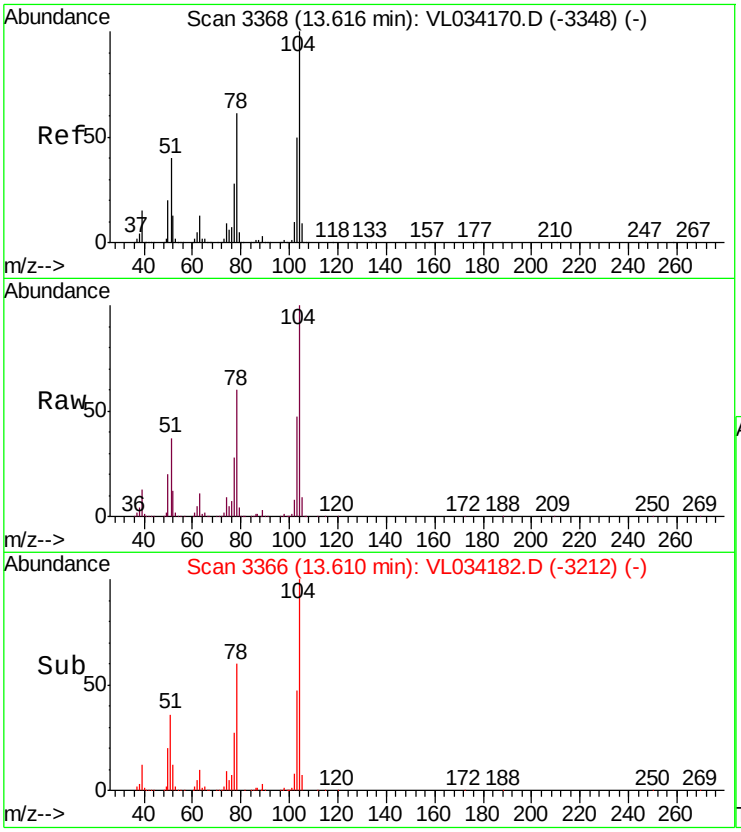


#60
o-Xylene
Concen: 8.086 ppbv
RT: 13.78 min Scan# 3418
Delta R.T. -0.00 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Tgt Ion: 91 Resp: 2535923

Ion	Ratio	Lower	Upper
91	100		
106	42.2	21.2	63.6



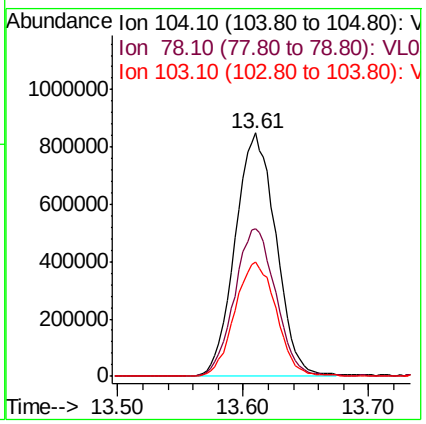


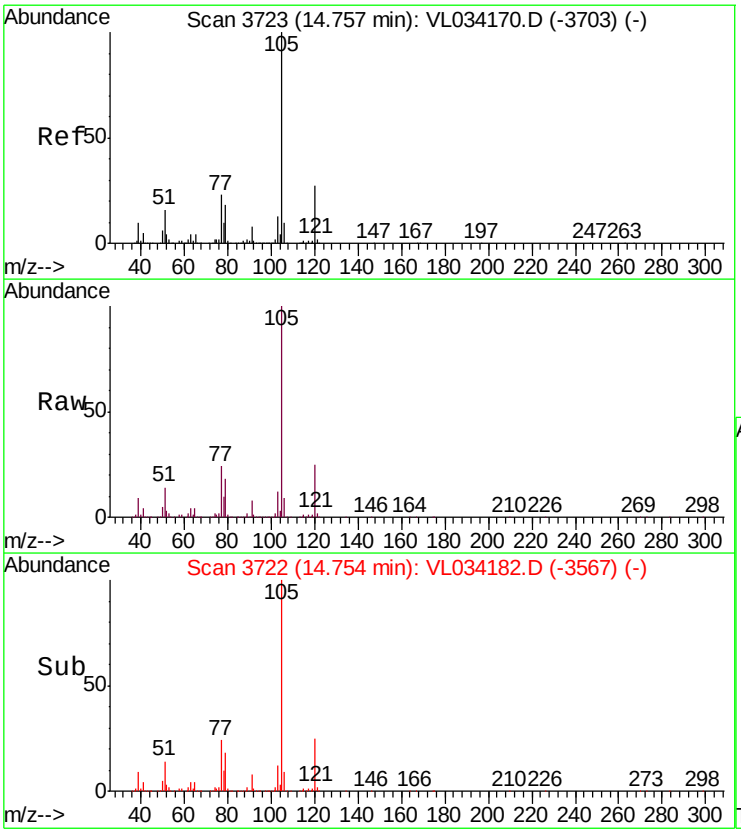
#61
Styrene
Concen: 8.521 ppbv
RT: 13.61 min Scan# 3366
Delta R.T. -0.01 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:104 Resp: 1914260

Ion	Ratio	Lower	Upper
104	100		
78	61.5	49.7	74.5
103	48.1	38.4	57.6

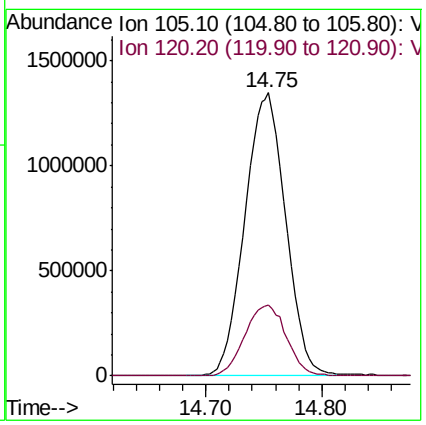


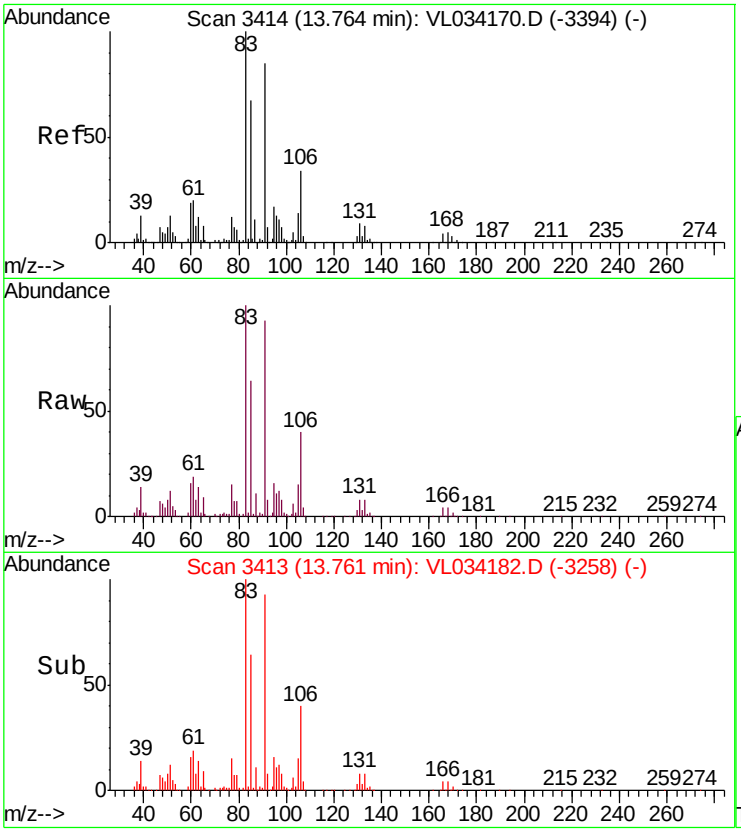


#62
Isopropylbenzene
Concen: 8.106 ppbv
RT: 14.75 min Scan# 3722
Delta R.T. -0.00 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Tgt Ion:105 Resp: 3290924

Ion	Ratio	Lower	Upper
105	100		
120	25.6	20.7	31.1



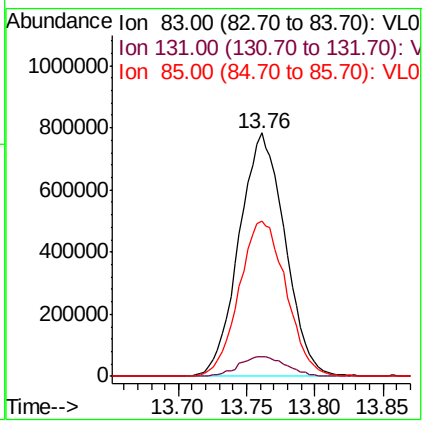


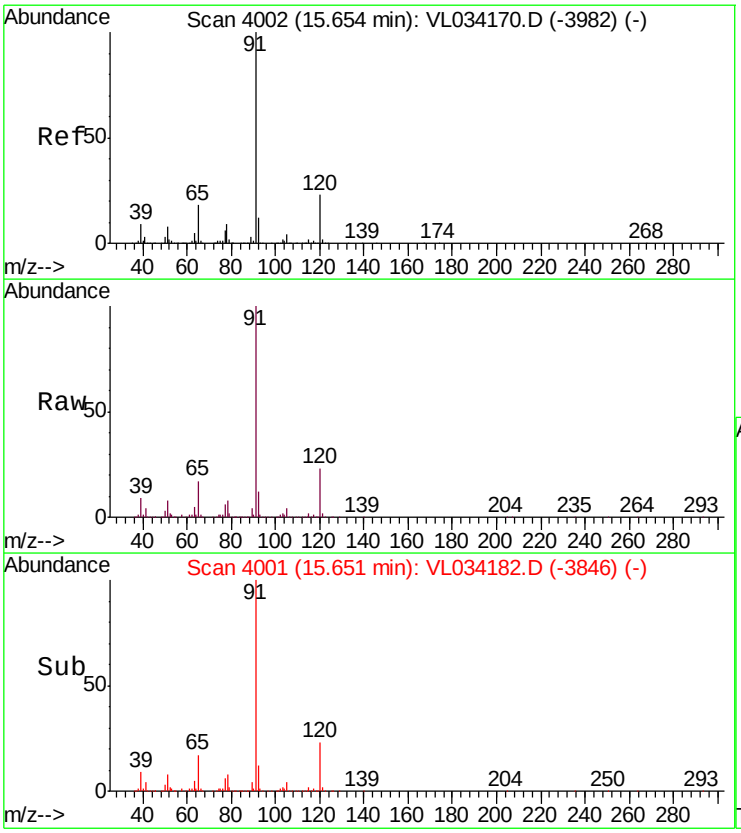
#63
1,1,2,2-Tetrachloroethane
Concen: 7.119 ppbv
RT: 13.76 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 1830825

Ion	Ratio	Lower	Upper
83	100		
131	8.4	4.3	12.8
85	65.6	32.8	98.4

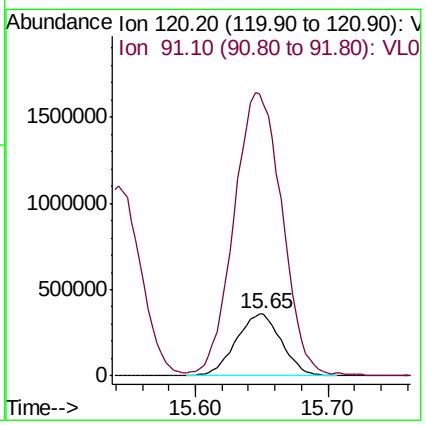


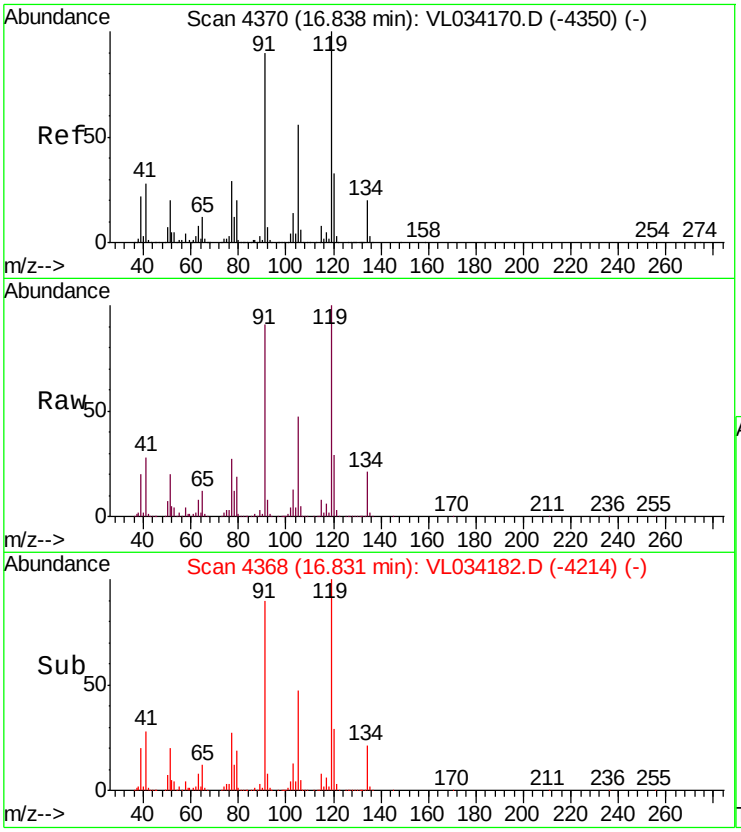


#64
n-propylbenzene
Concen: 8.332 ppbv
RT: 15.65 min Scan# 4001
Delta R.T. -0.00 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Tgt Ion:120 Resp: 855784

Ion	Ratio	Lower	Upper
120	100		
91	486.7	378.2	567.2



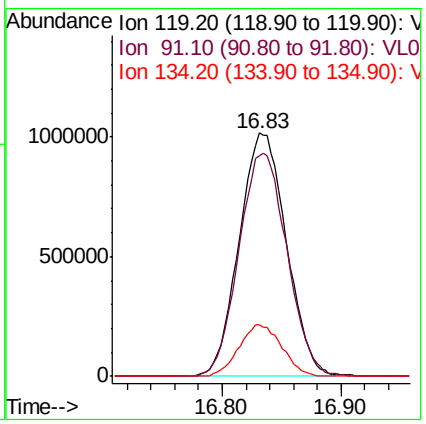


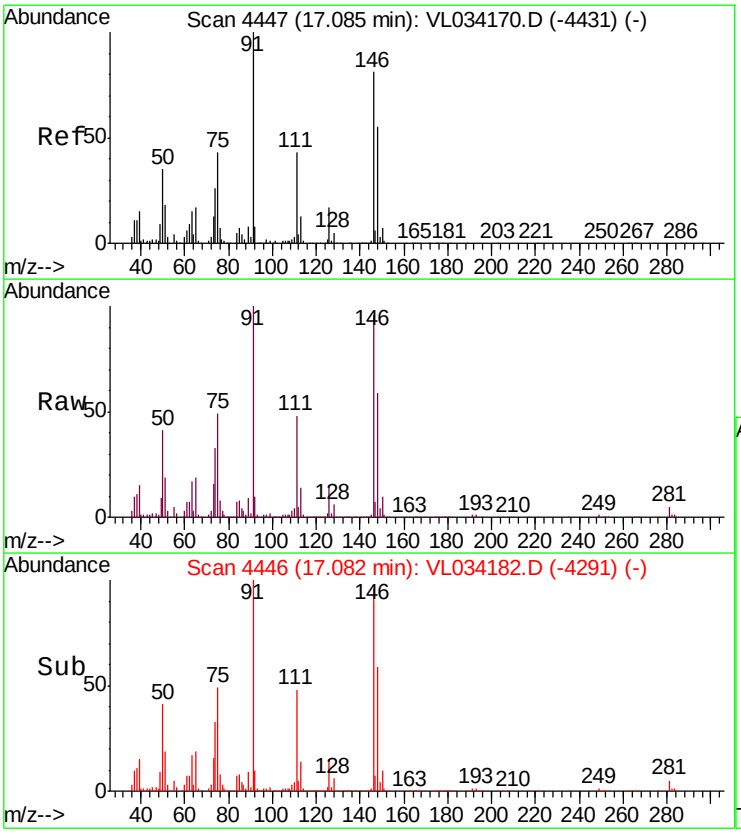
#65
tert-Butylbenzene
Concen: 7.855 ppbv
RT: 16.83 min Scan# 4368
Delta R.T. -0.01 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:119 Resp: 2786366

Ion	Ratio	Lower	Upper
119	100		
91	93.7	74.9	112.3
134	19.4	15.8	23.6

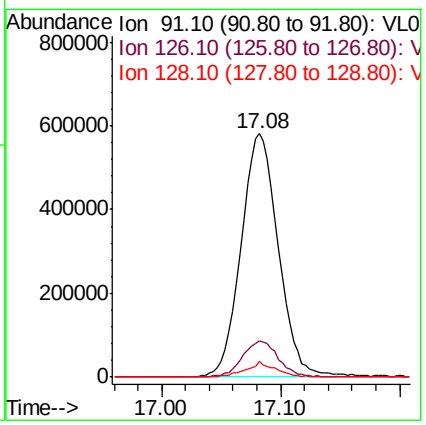


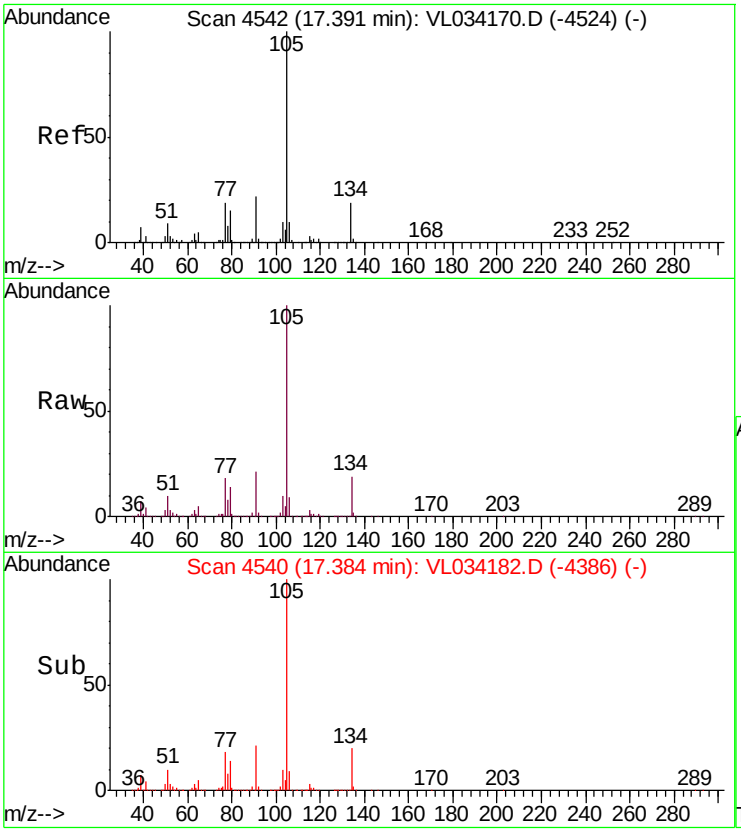


#66
Benzyl Chloride
Concen: 9.970 ppbv
RT: 17.08 min Scan# 4446
Delta R.T. -0.00 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Tgt Ion: 91 Resp: 1251290

Ion	Ratio	Lower	Upper
91	100		
126	14.6	12.6	19.0
128	5.1	4.0	6.0



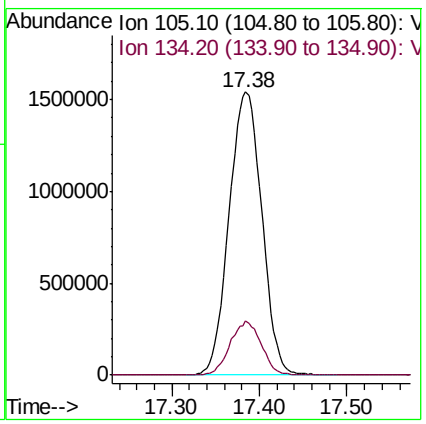


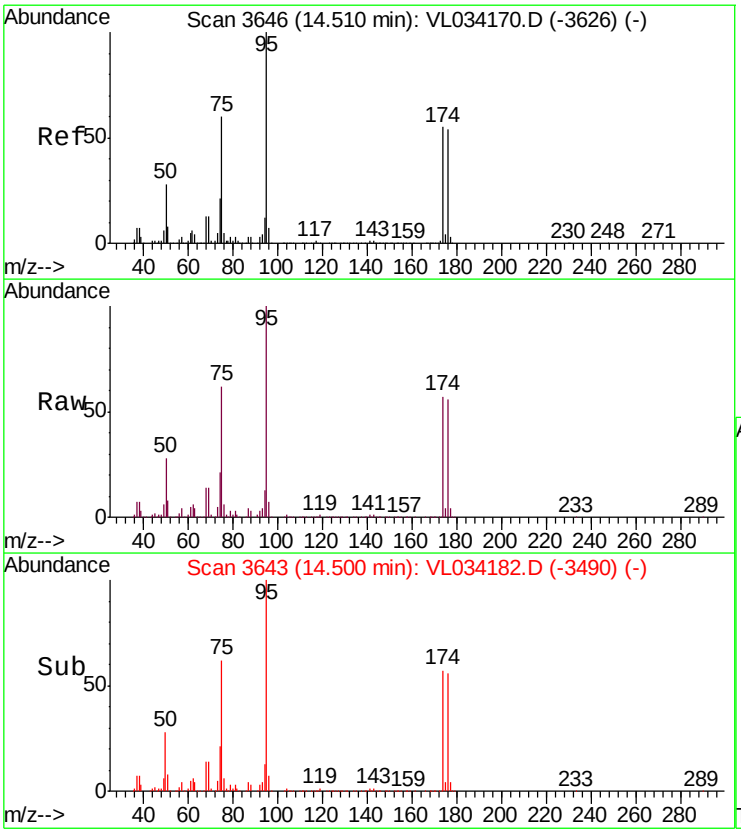
#67
sec-Butylbenzene
Concen: 7.891 ppbv
RT: 17.38 min Scan# 4540
Delta R.T. -0.01 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:105 Resp: 4002948

Ion	Ratio	Lower	Upper
105	100		
134	18.1	14.6	22.0

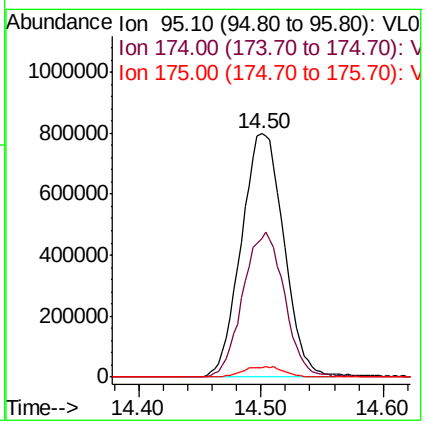


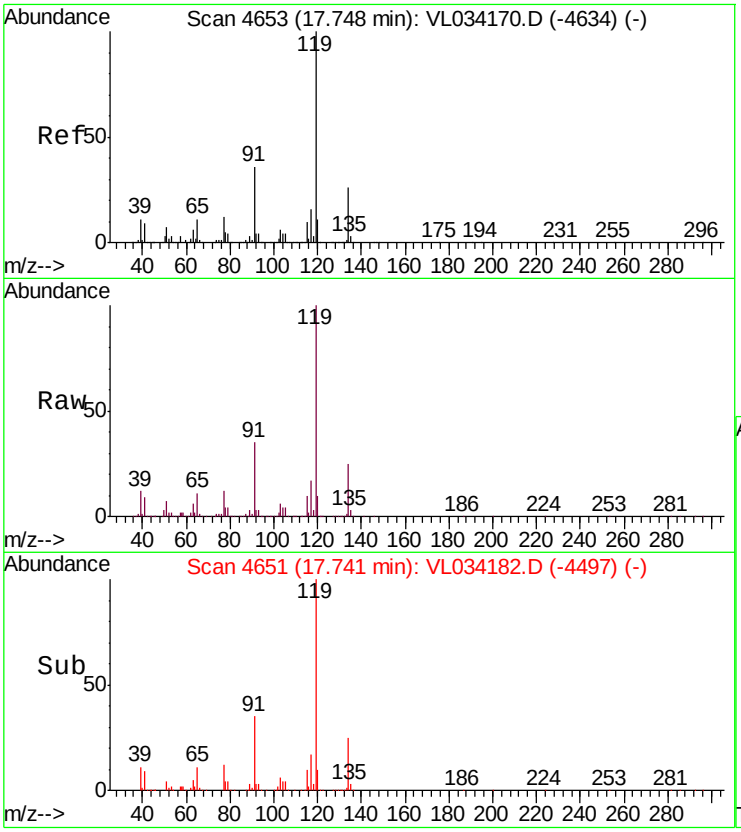


#68
1-Bromo-4-Fluorobenzene
Concen: 9.452 ppbv
RT: 14.50 min Scan# 3643
Delta R.T. -0.01 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Tgt Ion: 95 Resp: 1927492

Ion	Ratio	Lower	Upper
95	100		
174	58.0	45.1	67.7
175	4.2	3.3	4.9



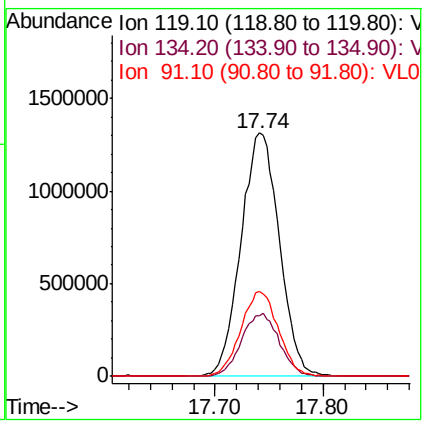


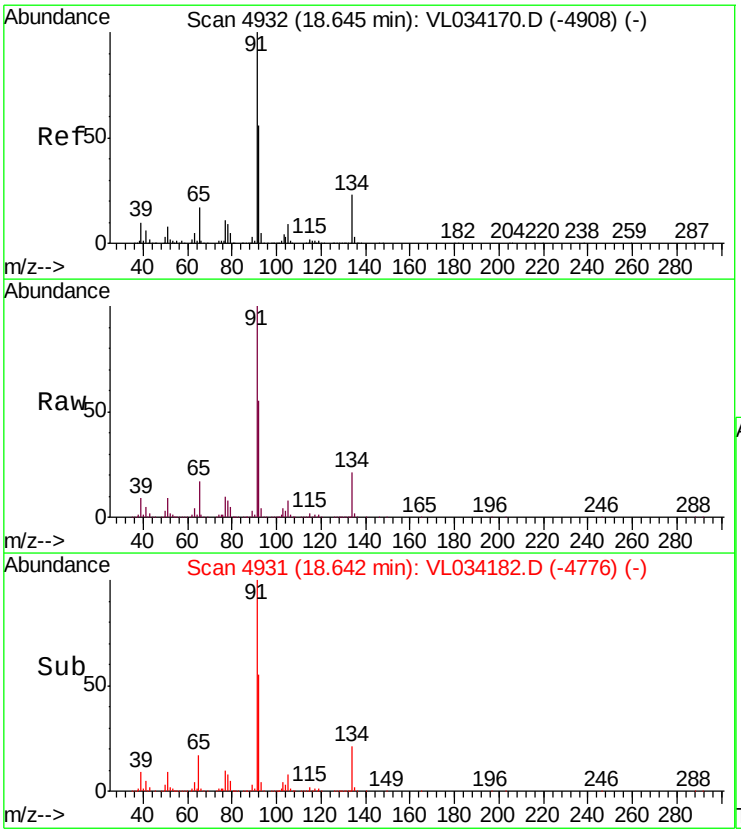
#69
p-Isopropyltoluene
Concen: 7.904 ppbv
RT: 17.74 min Scan# 4651
Delta R.T. -0.01 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:119 Resp: 3246417

Ion	Ratio	Lower	Upper
119	100		
134	25.6	20.6	30.8
91	34.1	27.6	41.4

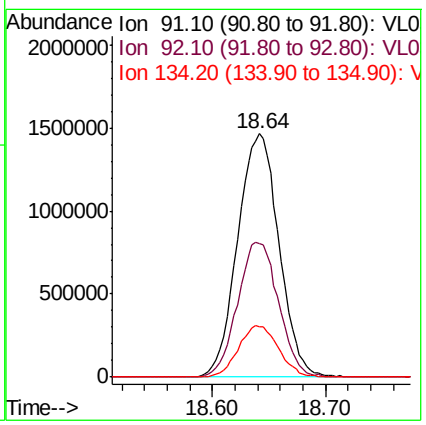


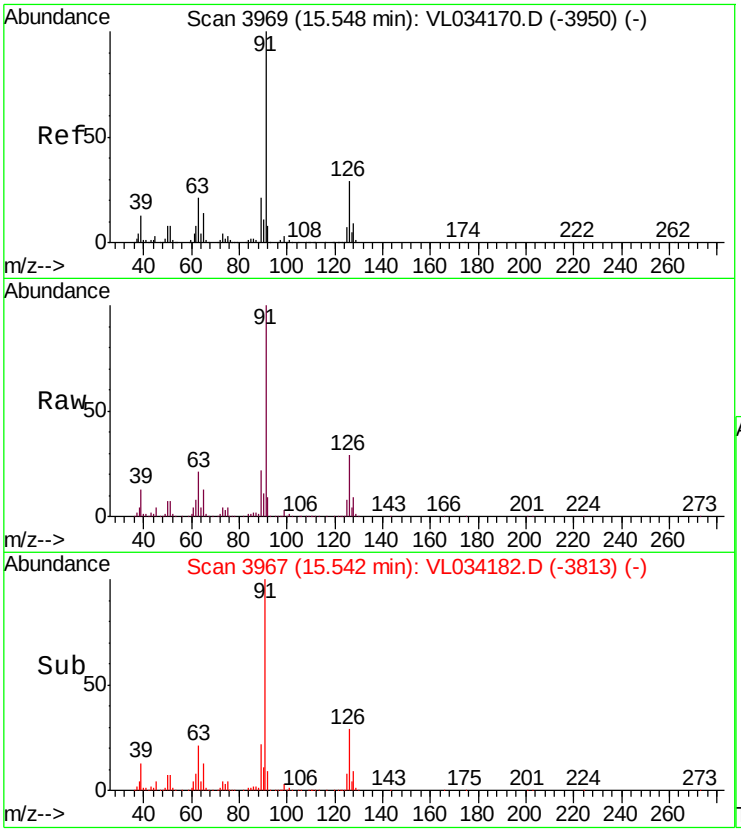


#70
n-Butylbenzene
Concen: 7.762 ppbv
RT: 18.64 min Scan# 4931
Delta R.T. -0.00 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Tgt Ion: 91 Resp: 3712106

Ion	Ratio	Lower	Upper
91	100		
92	55.2	44.8	67.2
134	20.6	17.3	25.9



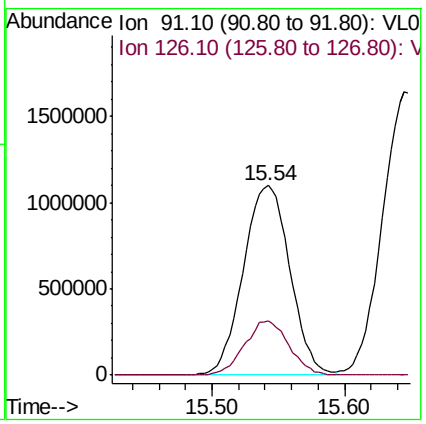


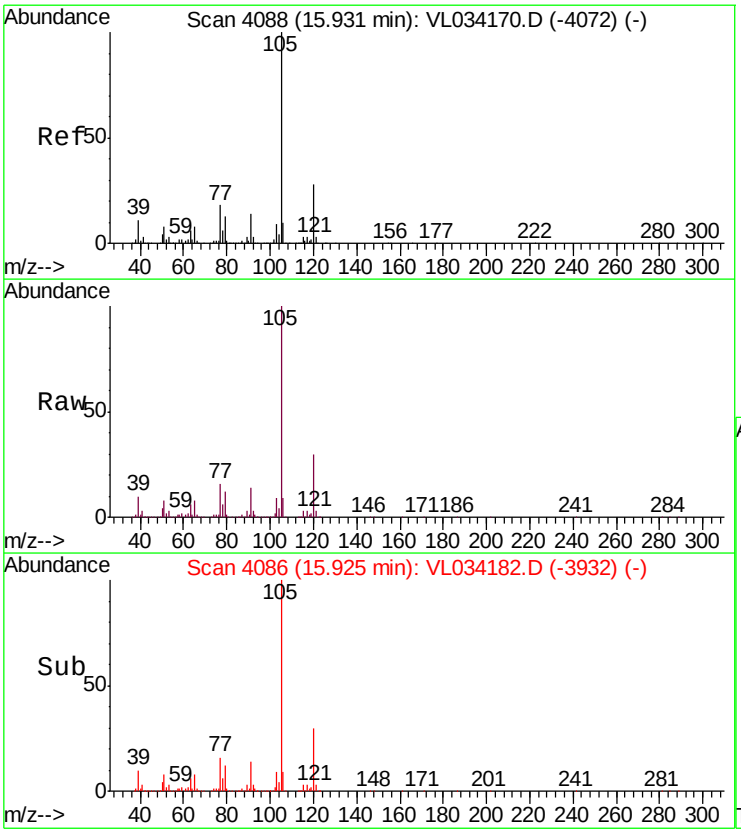
#71
2-Chlorotoluene
Concen: 8.130 ppbv
RT: 15.54 min Scan# 3967
Delta R.T. -0.01 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 91 Resp: 2696633

Ion	Ratio	Lower	Upper
91	100		
126	27.5	11.2	45.0

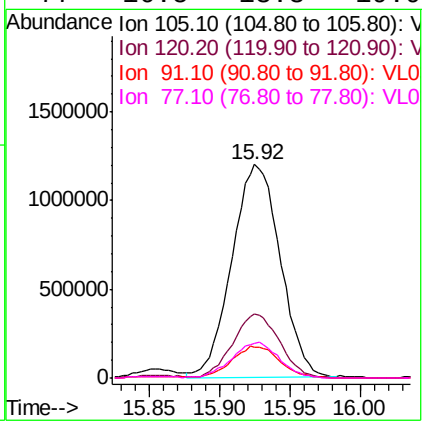


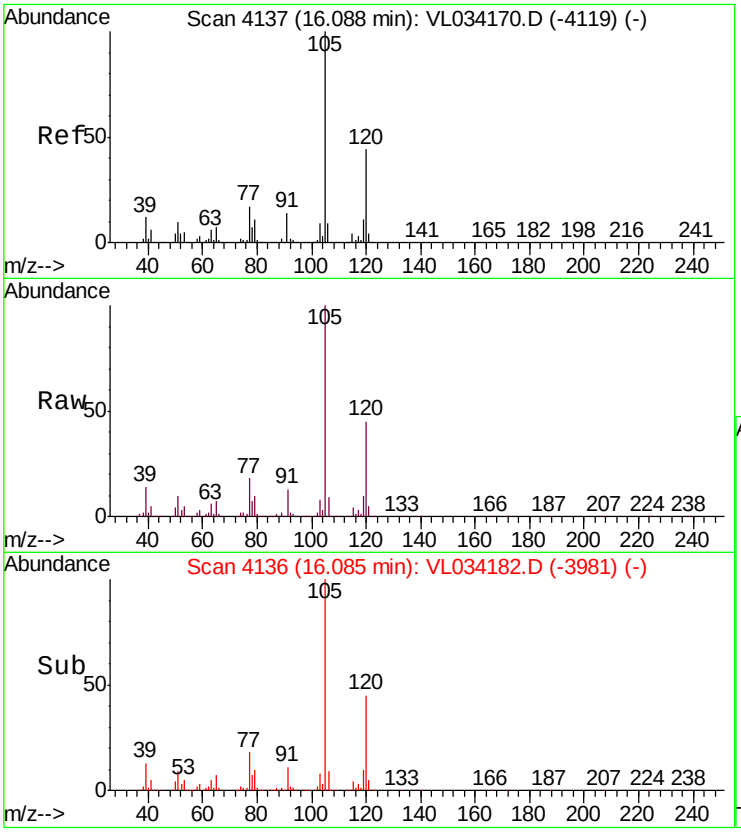


#72
4-Ethyltoluene
Concen: 8.111 ppbv
RT: 15.92 min Scan# 4086
Delta R.T. -0.01 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Tgt Ion:105 Resp: 2873766

Ion	Ratio	Lower	Upper
105	100		
120	29.2	23.3	34.9
91	14.5	11.4	17.2
77	16.5	13.3	19.9



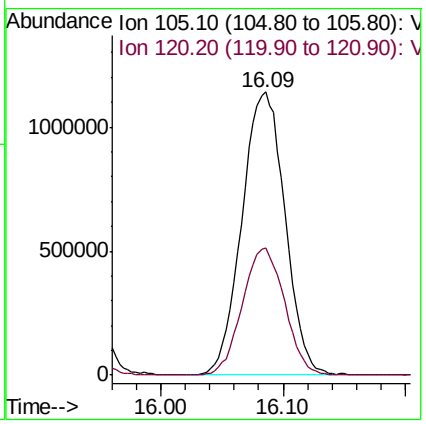


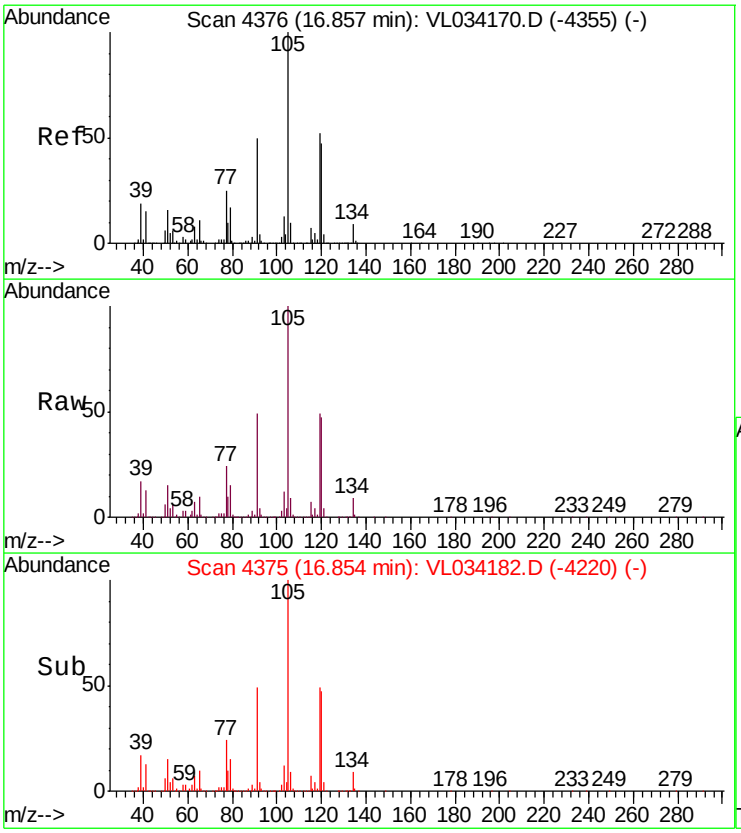
#73
1,3,5-Trimethylbenzene
Concen: 8.092 ppbv
RT: 16.09 min Scan# 4136
Delta R.T. -0.00 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:105 Resp: 2769910

Ion	Ratio	Lower	Upper
105	100		
120	45.2	35.6	53.4

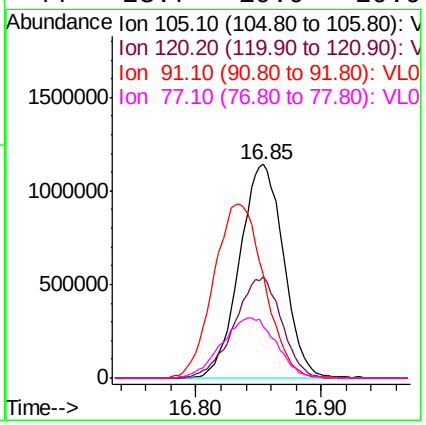


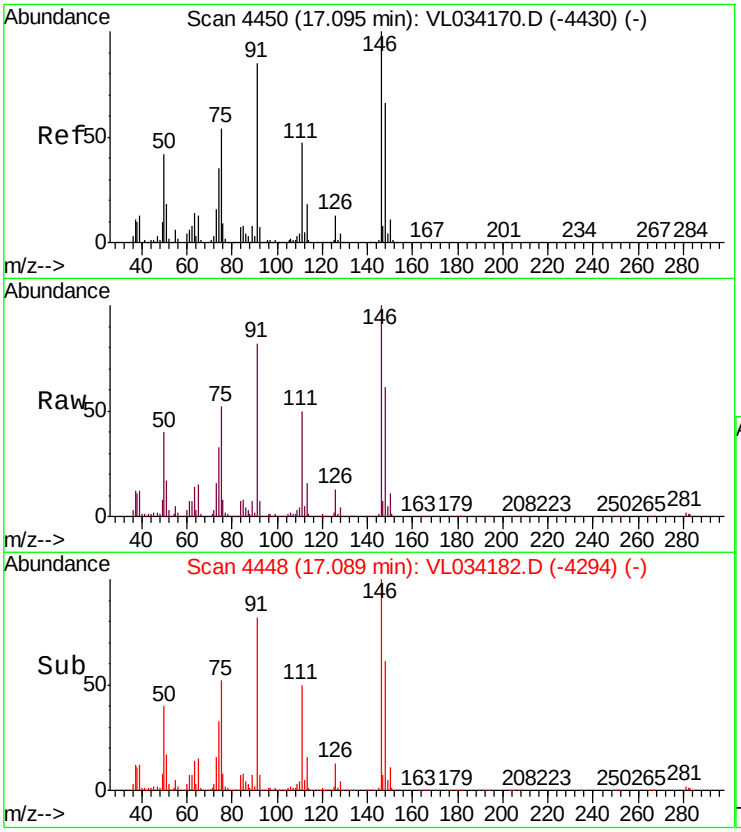


#74
1,2,4-Trimethylbenzene
Concen: 7.630 ppbv
RT: 16.85 min Scan# 4375
Delta R.T. -0.00 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Tgt Ion:105 Resp: 2773060

Ion	Ratio	Lower	Upper
105	100		
120	47.0	37.5	56.3
91	48.6	41.1	61.7
77	23.7	19.9	29.9



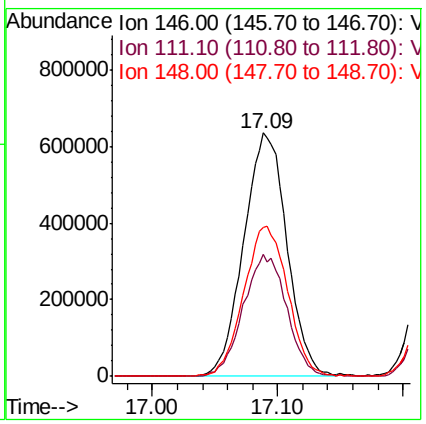


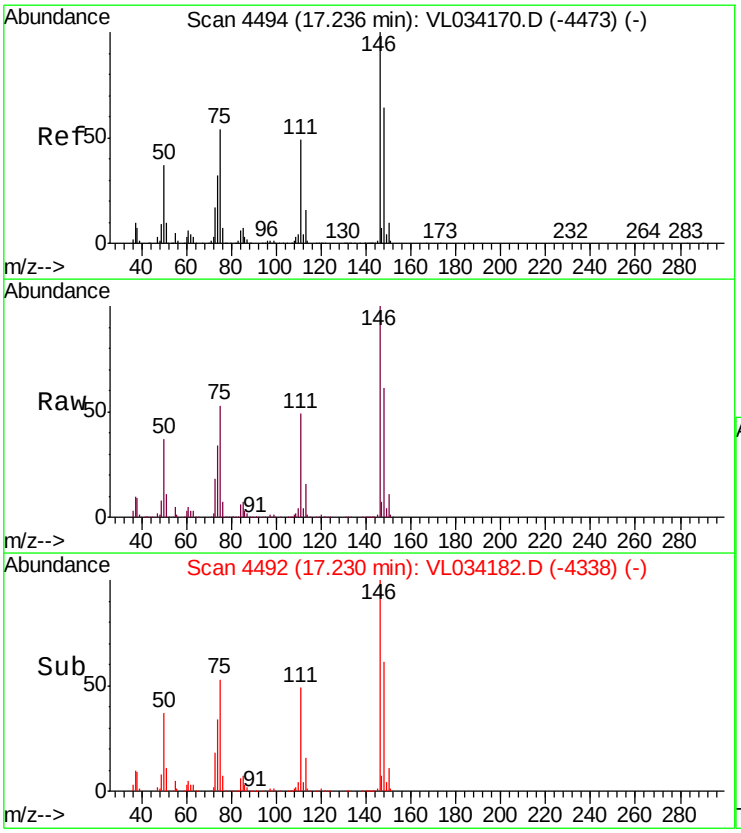
#75
1,3-Dichlorobenzene
Concen: 7.780 ppbv
RT: 17.09 min Scan# 4448
Delta R.T. -0.01 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:146 Resp: 1517188

Ion	Ratio	Lower	Upper
146	100		
111	50.4	25.9	77.8
148	63.1	32.6	97.7

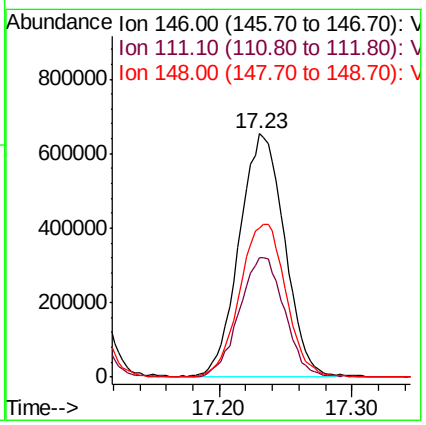


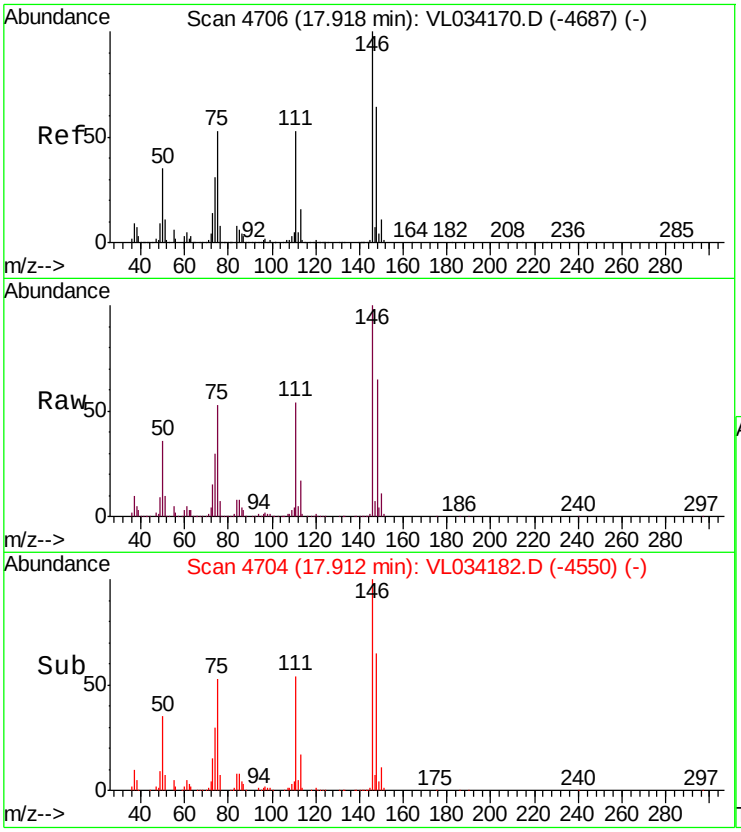


#76
1,4-Dichlorobenzene
Concen: 7.722 ppbv
RT: 17.23 min Scan# 4492
Delta R.T. -0.01 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Tgt Ion:146 Resp: 1542107

Ion	Ratio	Lower	Upper
146	100		
111	49.7	24.6	74.0
148	65.0	32.4	97.0



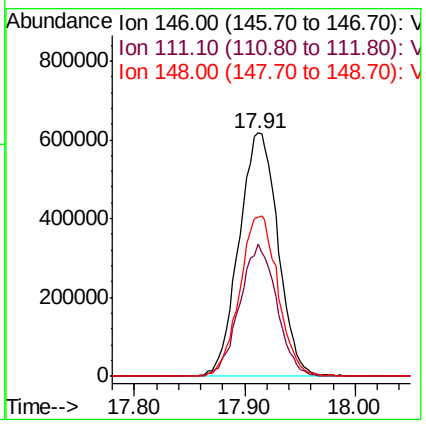


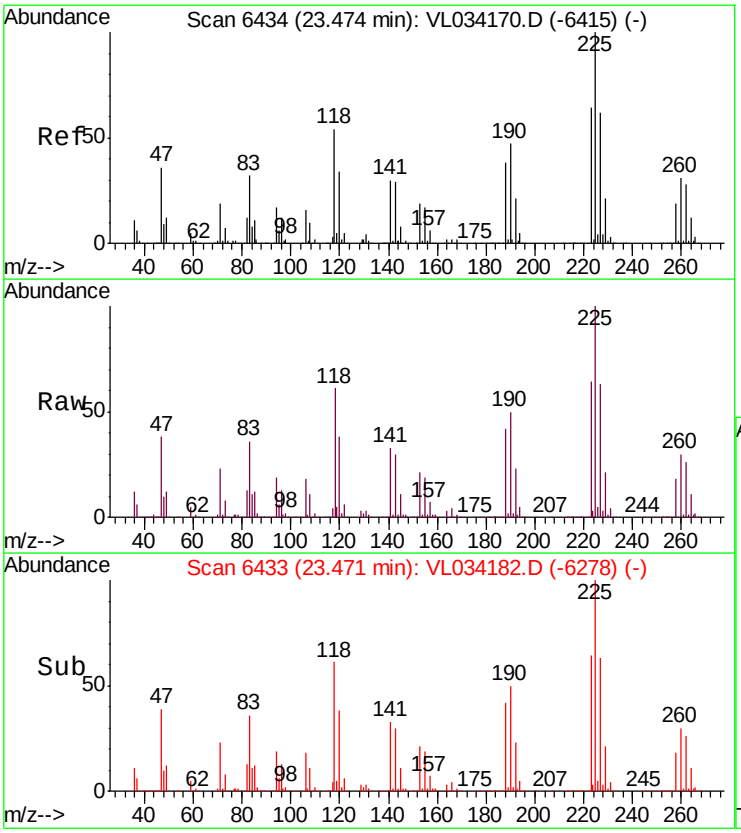
#77
1,2-Dichlorobenzene
Concen: 7.659 ppbv
RT: 17.91 min Scan# 4704
Delta R.T. -0.01 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:146 Resp: 1511725

Ion	Ratio	Lower	Upper
146	100		
111	51.7	26.1	78.3
148	64.6	31.9	95.9

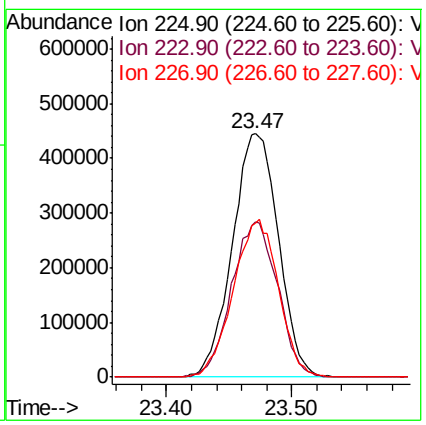


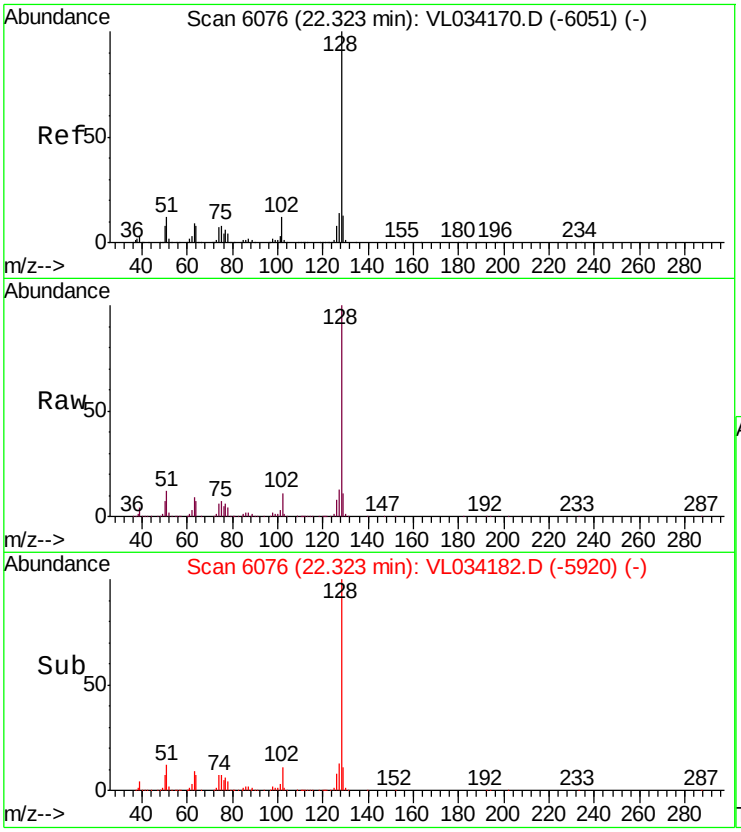


#78
Hexachloro-1,3-Butadiene
Concen: 8.636 ppbv
RT: 23.47 min Scan# 6433
Delta R.T. -0.00 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Tgt Ion:225 Resp: 1128965

Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.7	77.5
227	64.1	52.1	78.1



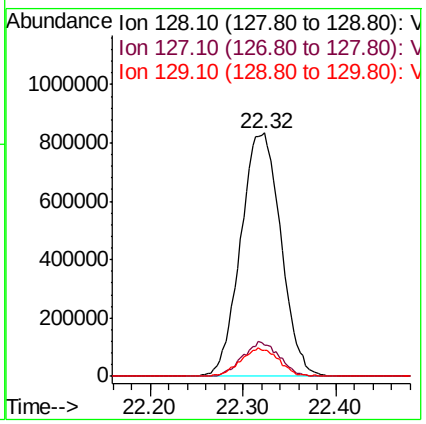


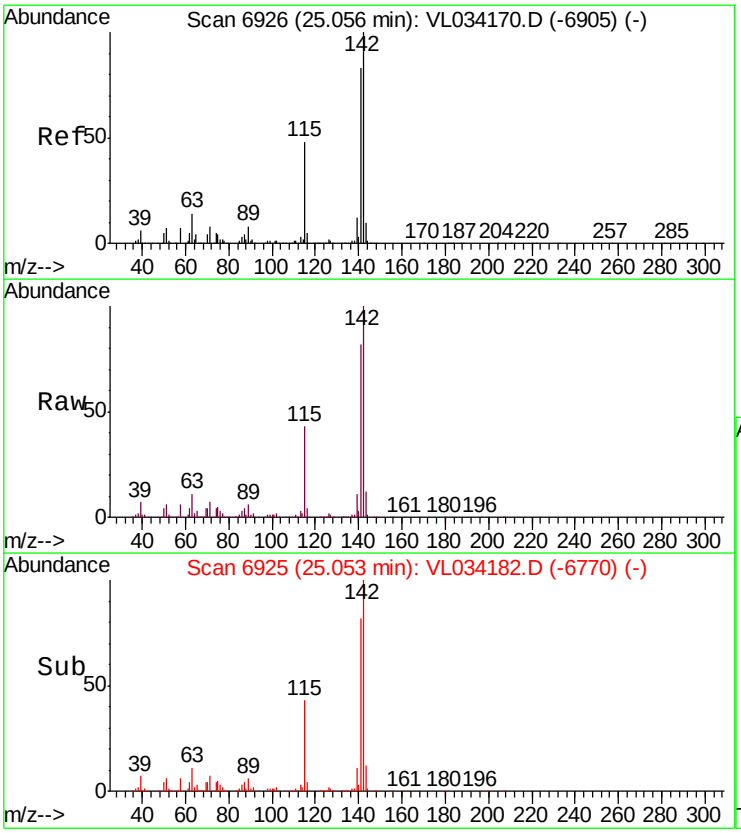
#79
Naphthalene
Concen: 7.842 ppbv
RT: 22.32 min Scan# 6076
Delta R.T. 0.00 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:128 Resp: 2509330

Ion	Ratio	Lower	Upper
128	100		
127	12.6	11.1	16.7
129	10.9	10.2	15.4

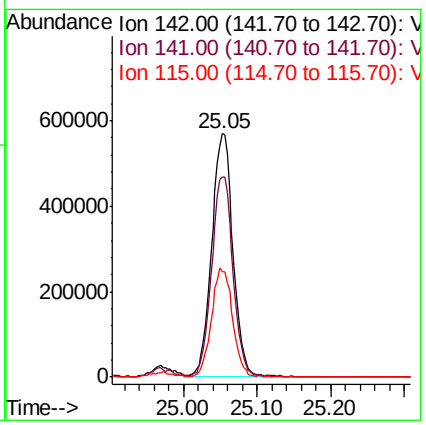


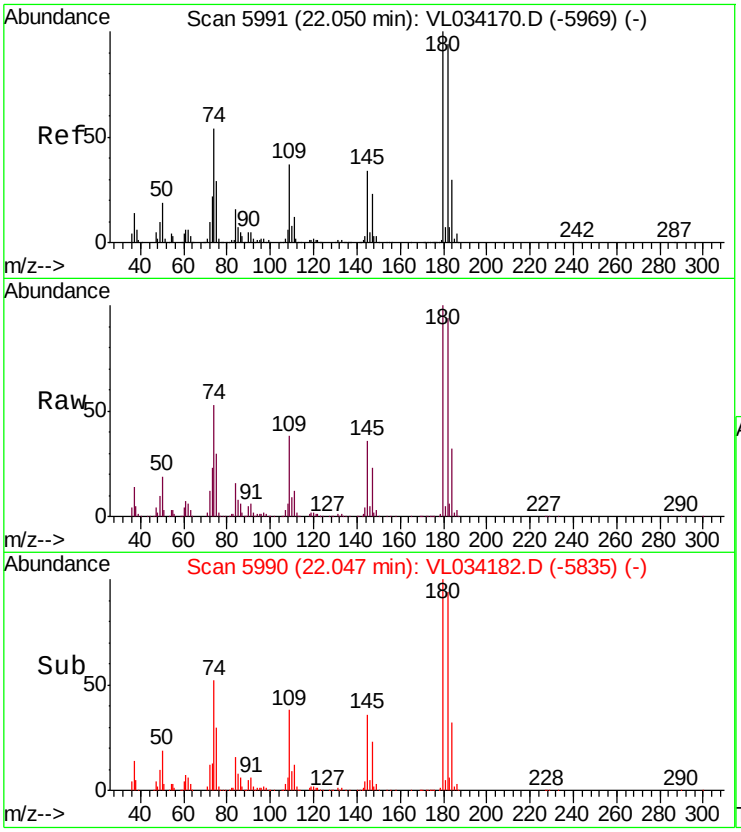


#80
Naphthalene,2-methyl-
Concen: 7.644 ppbv
RT: 25.05 min Scan# 6925
Delta R.T. -0.00 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Tgt Ion:142 Resp: 1137470

Ion	Ratio	Lower	Upper
142	100		
141	82.5	67.6	101.4
115	44.7	36.9	55.3





#81
1,2,4-Trichlorobenzene
Concen: 7.777 ppbv
RT: 22.05 min Scan# 5990
Delta R.T. -0.00 min
Lab File: VL034182.D
Acq: 17 Sep 2019 14:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:180 Resp: 1378444

Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.4	116.2
184	31.0	25.0	37.4