Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102419\

Quantitation Report (Not Reviewed)

Data File : VL034342.D
Acq On : 24 Oct 2019 9:50
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: Oct 25 01:32:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 17 05:12:37 2019
QLast Update : Thu Oct 17 05:12:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1110863	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.21	114	2241741	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.15	117	2837621	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.48	95	1923496	8.00	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 80.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.02	85	1884223	9.839	ppbv	98
3) Chlorodifluoromethane	2.96	51	1141151	8.764	ppbv	100
4) Chloromethane	3.12	50	702335	9.119	ppbv	97
5) Vinyl Chloride	3.24	62	640722	8.725	ppbv	98
6) Bromomethane	3.46	94	337377	9.382	ppbv	97
7) Chloroethane	3.54	64	238996	9.247	ppbv	99
8) Dichlorotetrafluoroethane	3.17	85	1439530	8.675	ppbv	98
9) Propene	2.99	41	535168	9.272	ppbv	98
10) Heptane	8.16	43	1425931	9.626	ppbv	99
11) Trichlorofluoromethane	3.94	101	1621178	8.916	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1088438	9.137	ppbv	99
13) Ethanol	3.59	45	91815	7.105	ppbv	96
14) Bromoethene	3.73	108	448688	9.567	ppbv	97
15) Acetone	3.84	43	1212172	7.629	ppbv	100
16) 1,3-Butadiene	3.31	39	599687	9.289	ppbv	99
17) tert-Butyl alcohol	4.29	59	842620	8.309	ppbv	100
18) 1,1-Dichloroethene	4.29	96	489502	9.385	ppbv	99
19) Isopropyl Alcohol	3.96	45	682798	7.703	ppbv	99
20) Methylene Chloride	4.34	84	444612	7.740	ppbv	99
21) Allyl Chloride	4.41	41	856268	9.748	ppbv	98
22) trans-1,2-Dichloroethene	4.89	96	506427	9.735	ppbv	97
23) Vinyl Acetate	5.08	43	1930023	9.727	ppbv	99
24) 1,1-Dichloroethane	5.02	63	1333162	9.053	ppbv	99
25) Ethyl Acetate	5.69	43	2375433	8.855	ppbv	99
26) Hexane	5.70	57	1045639	9.145	ppbv	97
27) Carbon Disulfide	4.55	76	1272122	10.717	ppbv	97
28) Methyl tert-Butyl Ether	5.04	73	1694862	9.795	ppbv	98
29) Chloroform	5.77	83	1637360	9.053	ppbv	99
30) Cyclohexane	7.16	84	832529	9.901	ppbv	96
31) cis-1,2-Dichloroethene	5.56	61	1111107	9.575	ppbv	97
32) 1,1,1-Trichloroethane	6.54	97	1627294	9.252	ppbv	99
34) 2-Butanone	5.26	43	1599916	8.732	ppbv	98
35) Carbon Tetrachloride	7.05	117	1699493	8.704	ppbv	99
36) Benzene	6.92	78	1977112	9.192	ppbv	99
37) 1,2-Dichloroethane	6.33	62	1399464	8.730	ppbv	99
38) Trichloroethene	7.88	130	767715	8.895	ppbv	95
39) 1,2-Dichloropropane	7.65	63	817954	8.832	ppbv	95
40) 1,4-Dioxane	7.86	88	272296	8.366	ppbv	70
41) Tetrahydrofuran	6.07	42	934650	9.191	ppbv	98
42) Bromodichloromethane	7.83	83	1804146	9.189	ppbv	99
43) Methyl Methacrylate	8.05	69	851477	9.572	ppbv	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102419\

Quantitation Report (Not Reviewed)

Data File : VL034342.D
Acq On : 24 Oct 2019 9:50
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: Oct 25 01:32:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 17 05:12:37 2019
QLast Update : Thu Oct 17 05:12:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.91	57	3491286	8.770	ppbv		99
45) t-1,3-Dichloropropene	9.33	75	1140251	10.520	ppbv		99
46) cis-1,3-Dichloropropene	8.75	75	1276022	10.248	ppbv		95
47) 1,1,2-Trichloroethane	9.52	97	827124	8.817	ppbv		97
48) Dibromochloromethane	10.36	129	1501557	9.757	ppbv		98
49) Bromoform	13.11	173	1353690	9.927	ppbv		100
50) 4-Methyl-2-Pentanone	8.78	43	2389662	9.110	ppbv		98
51) 2-Hexanone	10.18	43	2025933	9.421	ppbv	#	99
52) Tetrachloroethene	11.28	164	747218	8.863	ppbv		98
53) Toluene	9.85	91	2273084	9.576	ppbv		100
54) 1,2-Dibromoethane	10.67	107	1258179	9.049	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.18	131	995943	7.616	ppbv		94
57) Chlorobenzene	12.21	112	1735154	7.330	ppbv		99
58) Ethyl Benzene	12.77	91	3119163	7.863	ppbv		100
59) m/p-Xylene	13.06	91	2280575	6.636	ppbv	#	13
60) o-Xylene	13.75	91	2582418	7.546	ppbv		98
61) Styrene	13.59	104	1952360	8.103	ppbv		99
62) Isopropylbenzene	14.73	105	3372615	7.465	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.74	83	1791807	6.515	ppbv		99
64) n-propylbenzene	15.63	120	879093	7.582	ppbv		100
65) tert-Butylbenzene	16.82	119	2967212	7.411	ppbv		99
66) Benzyl Chloride	17.06	91	1430439	9.045	ppbv		100
67) sec-Butylbenzene	17.36	105	4125699	7.322	ppbv		99
69) p-Isopropyltoluene	17.73	119	3416569	7.437	ppbv		99
70) n-Butylbenzene	18.62	91	3625924	7.254	ppbv		99
71) 2-Chlorotoluene	15.53	91	2652305	7.572	ppbv		100
72) 4-Ethyltoluene	15.91	105	2971762	7.725	ppbv		100
73) 1,3,5-Trimethylbenzene	16.06	105	2852362	7.483	ppbv		99
74) 1,2,4-Trimethylbenzene	16.83	105	2890676	7.272	ppbv		99
75) 1,3-Dichlorobenzene	17.07	146	1661178	6.961	ppbv		100
76) 1,4-Dichlorobenzene	17.21	146	1660019	7.121	ppbv		99
77) 1,2-Dichlorobenzene	17.89	146	1624611	6.943	ppbv		99
78) Hexachloro-1,3-Butadiene	23.45	225	1564286	8.082	ppbv		99
79) Naphthalene	22.29	128	2798437	9.638	ppbv		97
80) Naphthalene,2-methyl-	25.04	142	1338953	15.953	ppbv		94
81) 1,2,4-Trichlorobenzene	22.02	180	1638706	8.641	ppbv		99

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

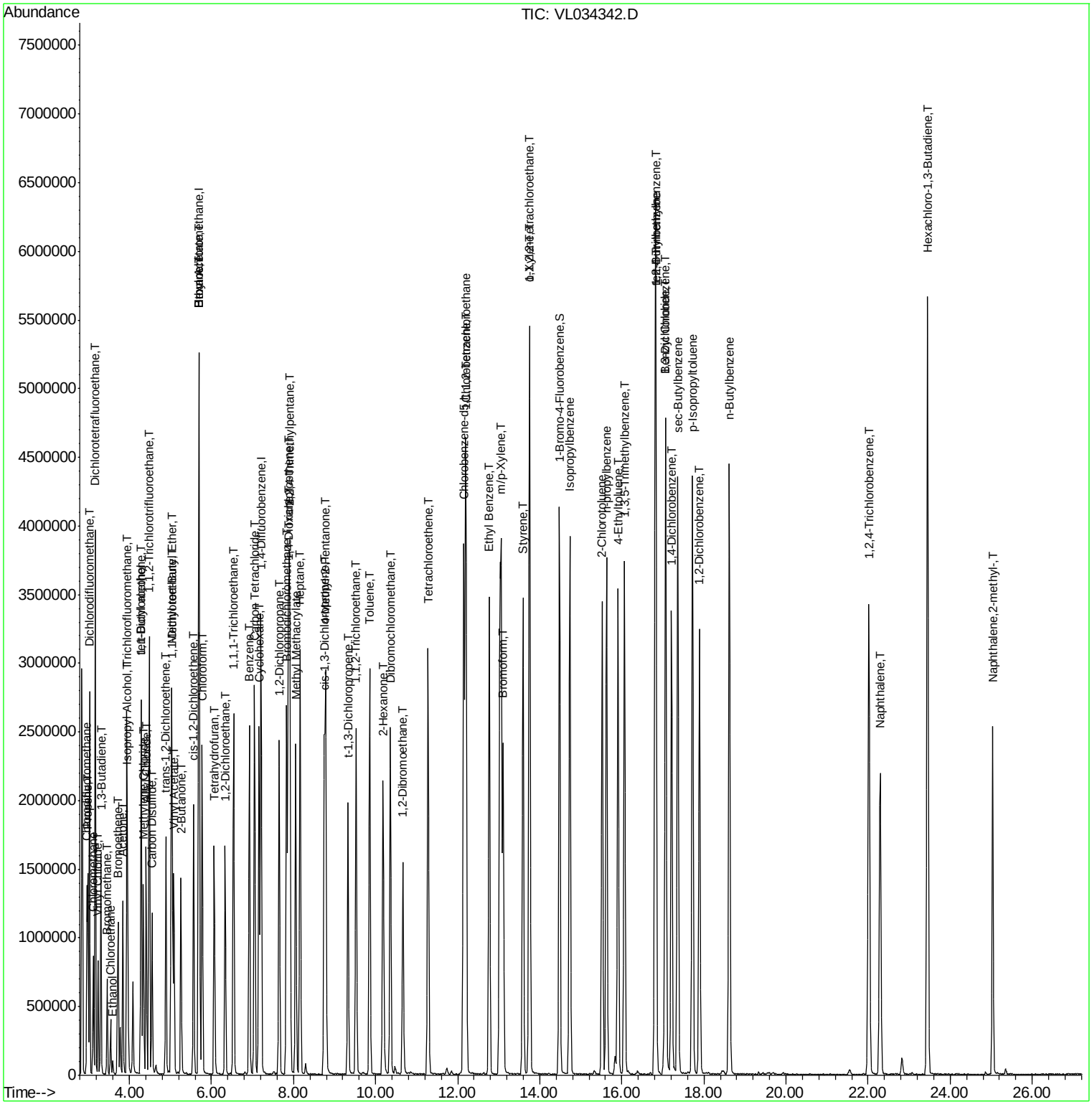
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102419\

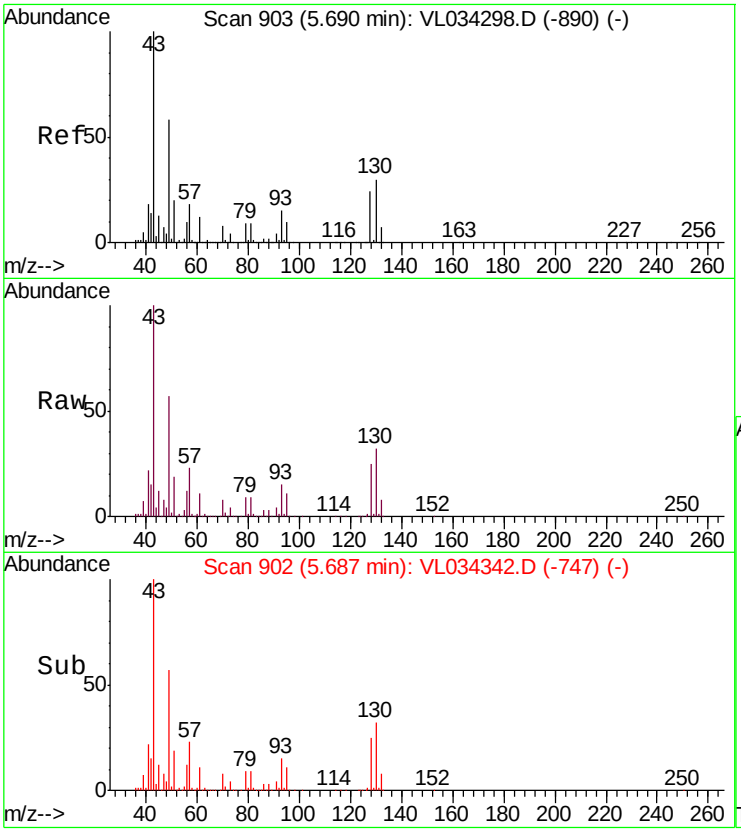
Quantitation Report (Not Reviewed)

Data File : VL034342.D
Acq On : 24 Oct 2019 9:50
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Quant Time: Oct 25 01:32:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 17 05:12:37 2019
QLast Update : Thu Oct 17 05:12:37 2019
Response via : Initial Calibration



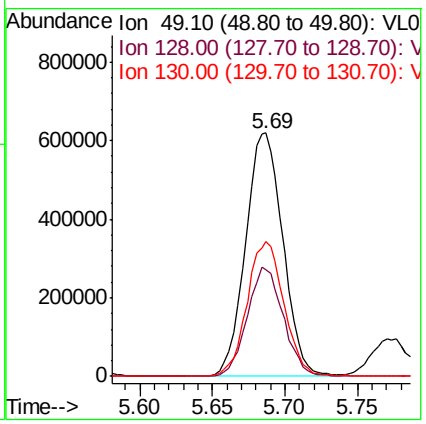


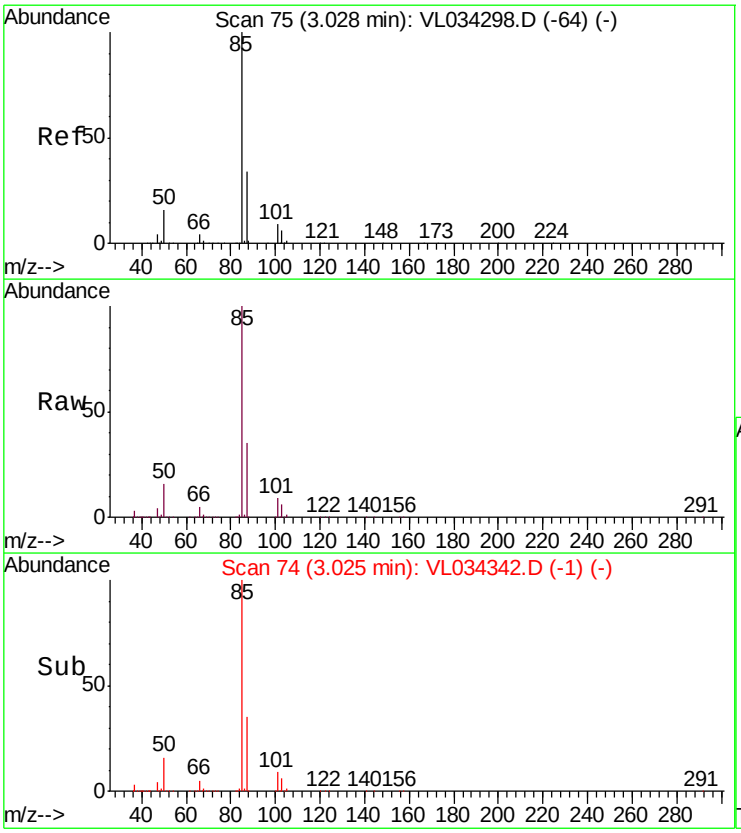
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.00 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 1110863

Ion	Ratio	Lower	Upper
49	100		
128	43.5	20.6	61.8
130	54.7	26.2	78.5

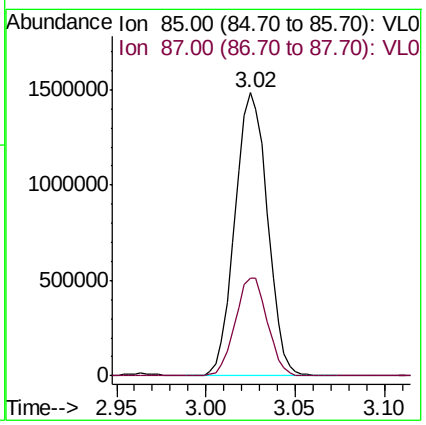


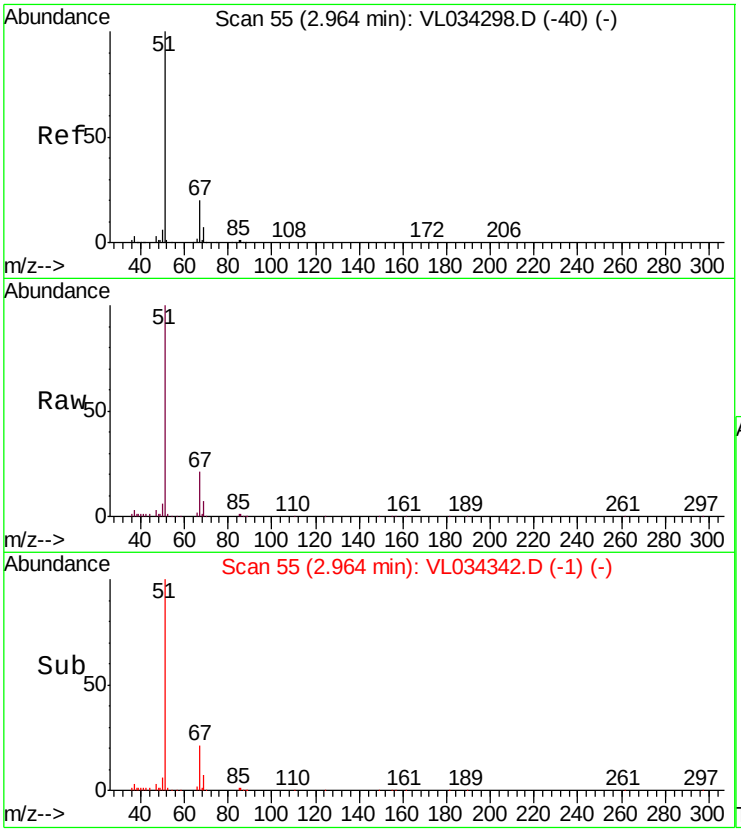


#2
Dichlorodifluoromethane
Concen: 9.839 ppbv
RT: 3.02 min Scan# 74
Delta R.T. -0.00 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Tgt Ion: 85 Resp: 1884223

Ion	Ratio	Lower	Upper
85	100		
87	34.7	27.0	40.6



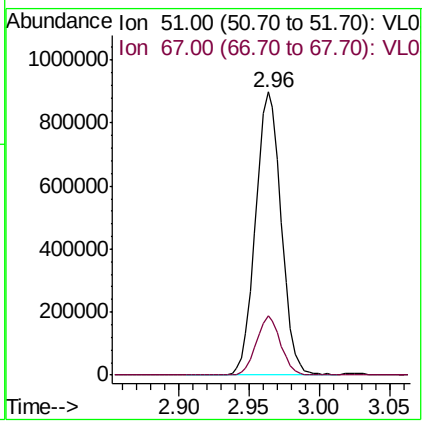


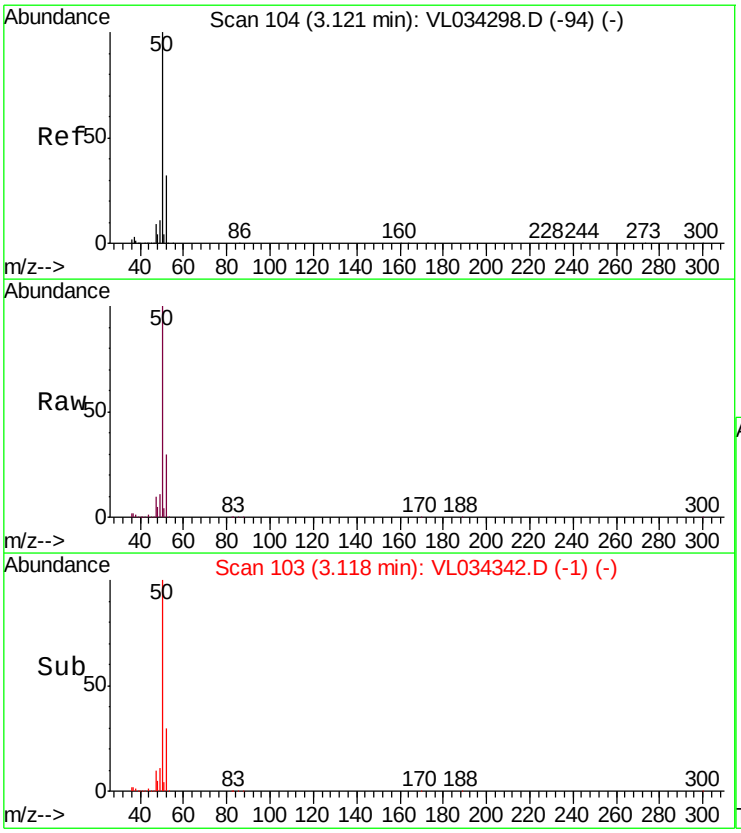
#3
Chlorodifluoromethane
Concen: 8.764 ppbv
RT: 2.96 min Scan# 55
Delta R.T. -0.00 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 1141151

Ion	Ratio	Lower	Upper
51	100		
67	19.9	15.8	23.8

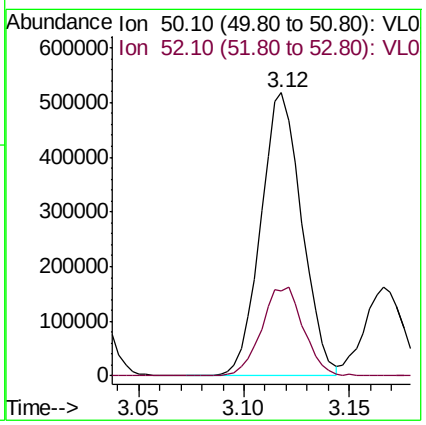


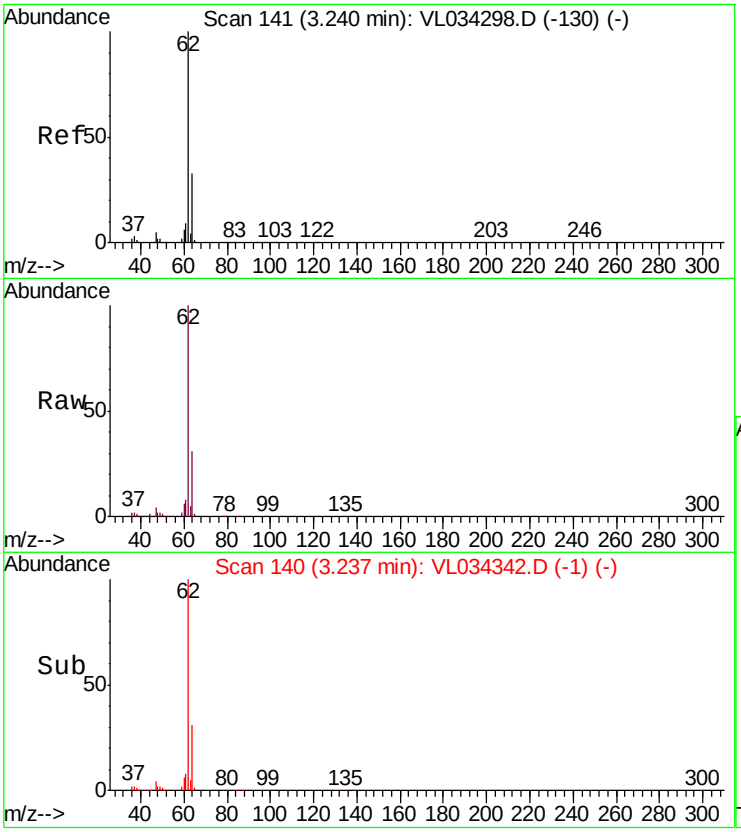


#4
Chloromethane
Concen: 9.119 ppbv
RT: 3.12 min Scan# 103
Delta R.T. -0.00 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Tgt Ion: 50 Resp: 702335

Ion	Ratio	Lower	Upper
50	100		
52	30.2	25.4	38.2



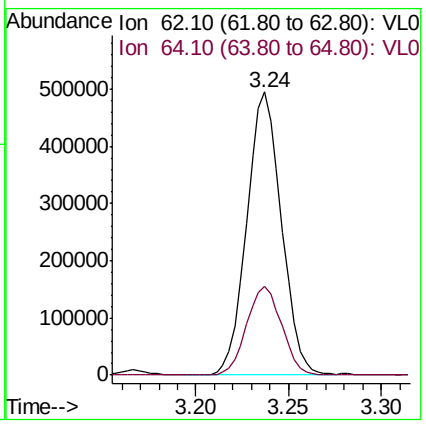


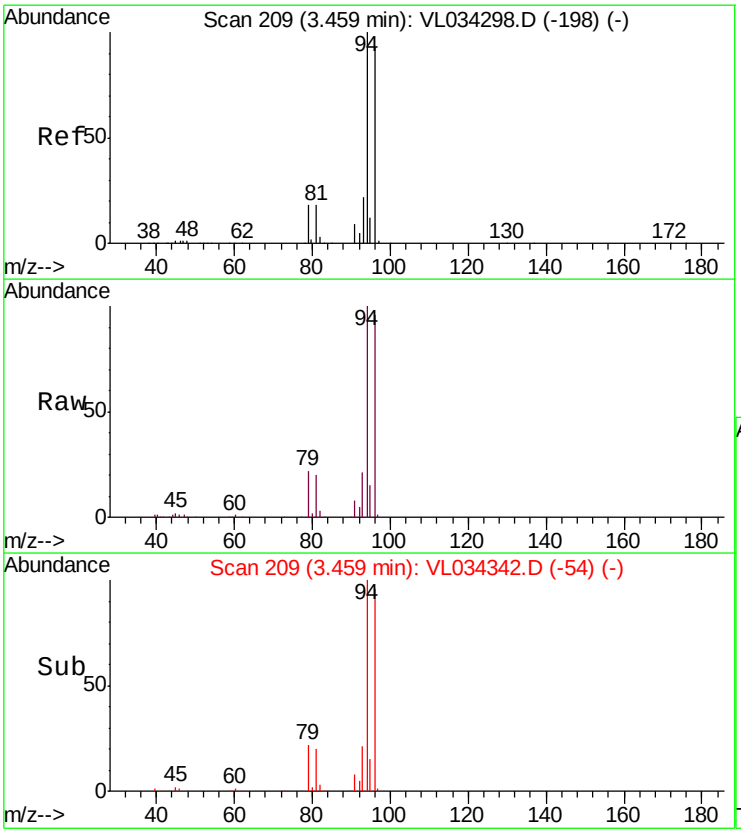
#5
Vinyl Chloride
Concen: 8.725 ppbv
RT: 3.24 min Scan# 140
Delta R.T. -0.00 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 640722

Ion	Ratio	Lower	Upper
62	100		
64	31.3	26.0	39.0

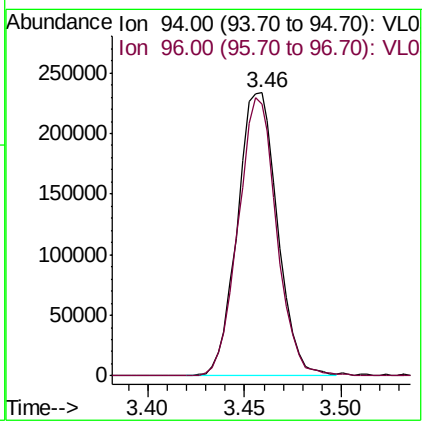


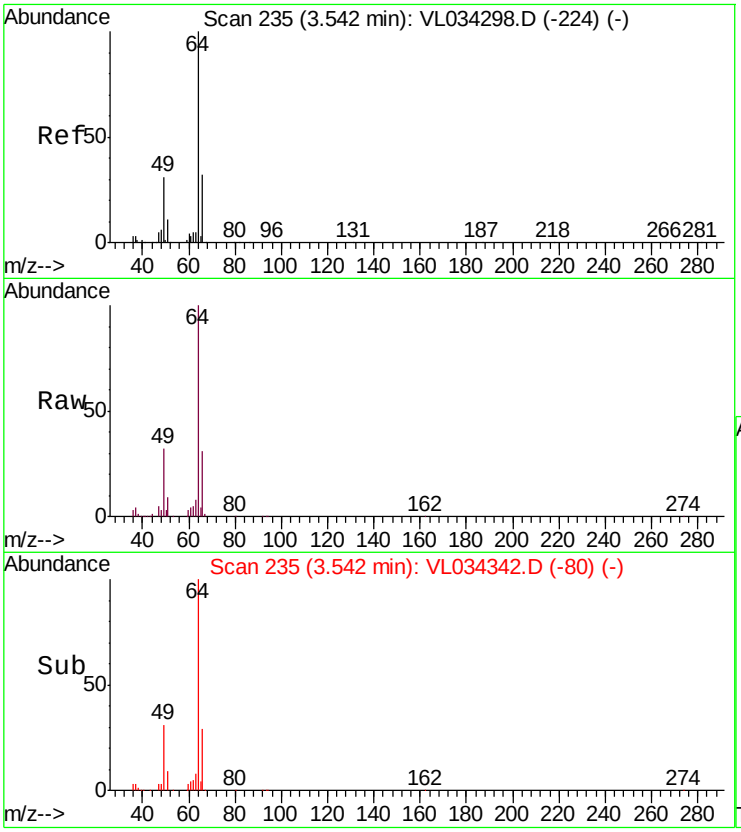


#6
Bromomethane
Concen: 9.382 ppbv
RT: 3.46 min Scan# 209
Delta R.T. -0.00 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Tgt Ion: 94 Resp: 337377

Ion	Ratio	Lower	Upper
94	100		
96	96.1	74.6	112.0



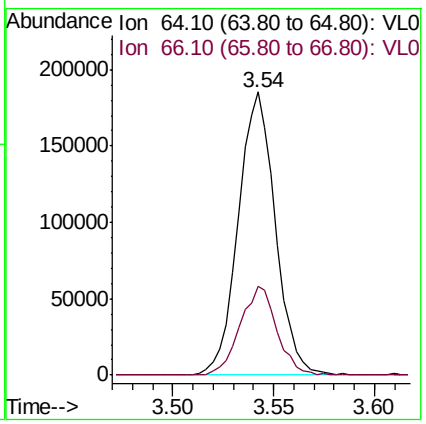


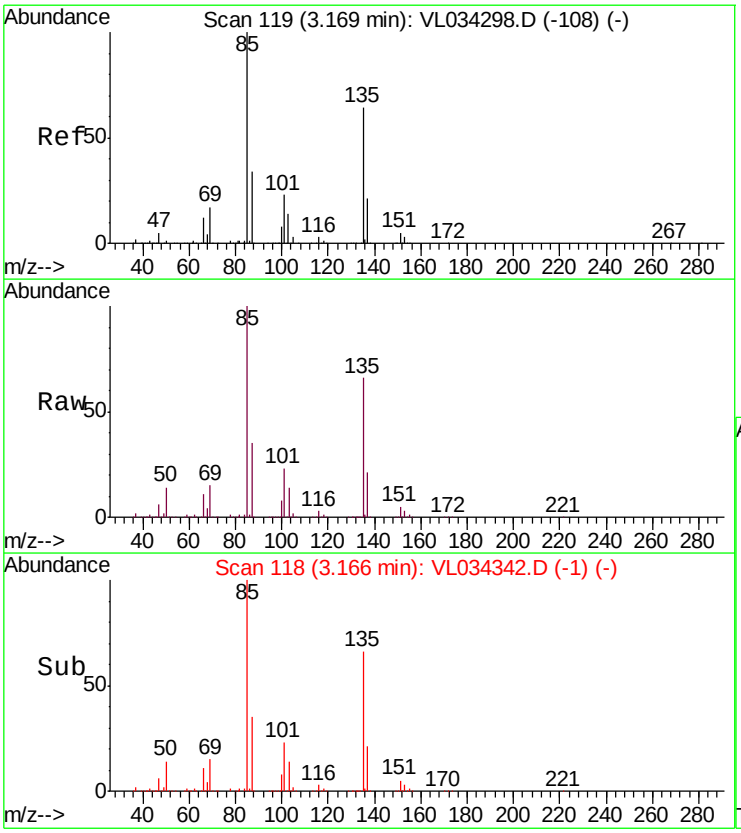
#7
Chloroethane
Concen: 9.247 ppbv
RT: 3.54 min Scan# 235
Delta R.T. -0.00 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 238996

Ion	Ratio	Lower	Upper
64	100		
66	31.2	25.4	38.0

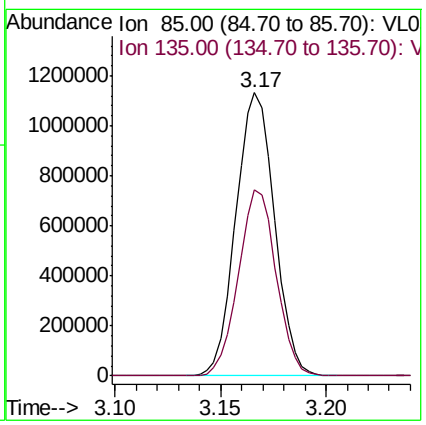


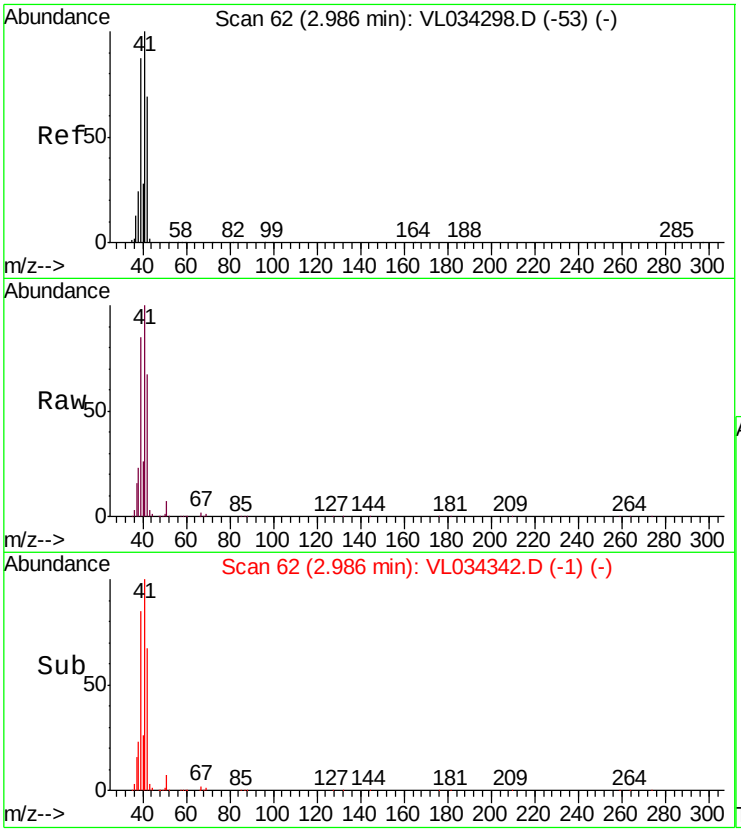


#8
Dichlorotetrafluoroethane
Concen: 8.675 ppbv
RT: 3.17 min Scan# 118
Delta R.T. -0.00 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Tgt Ion: 85 Resp: 1439530

Ion	Ratio	Lower	Upper
85	100		
135	64.5	50.2	75.2

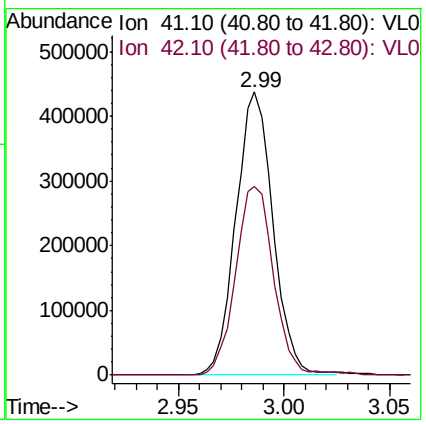




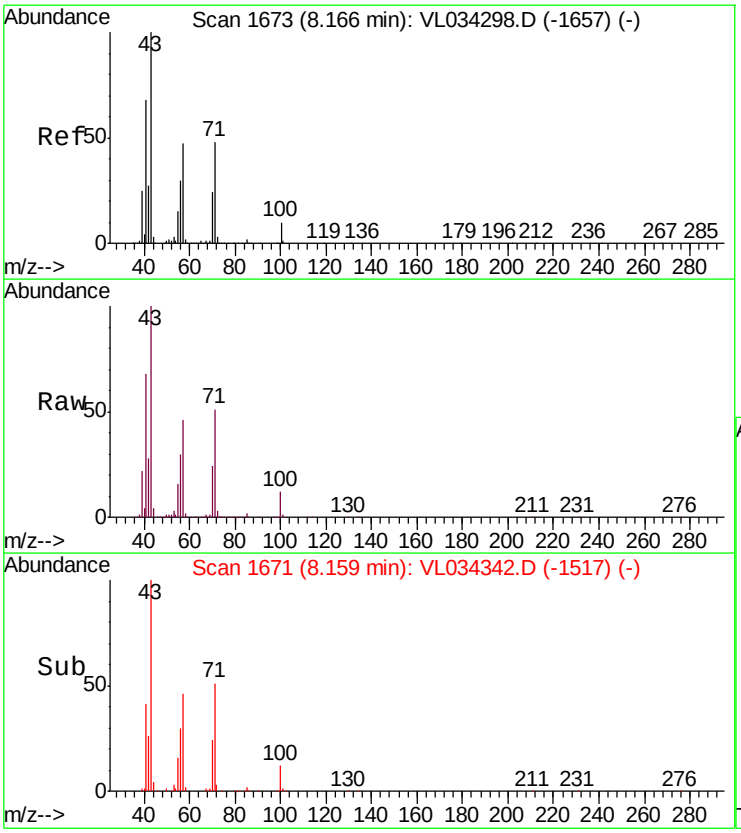
#9
Propene
Concen: 9.272 ppbv
RT: 2.99 min Scan# 62
Delta R.T. -0.00 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Tgt Ion: 41 Resp: 535168

Ion	Ratio	Lower	Upper
41	100		
42	68.9	53.9	80.9



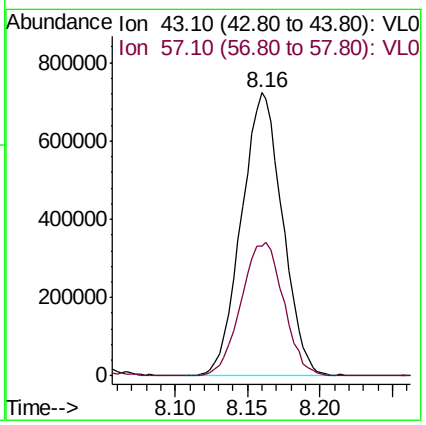
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

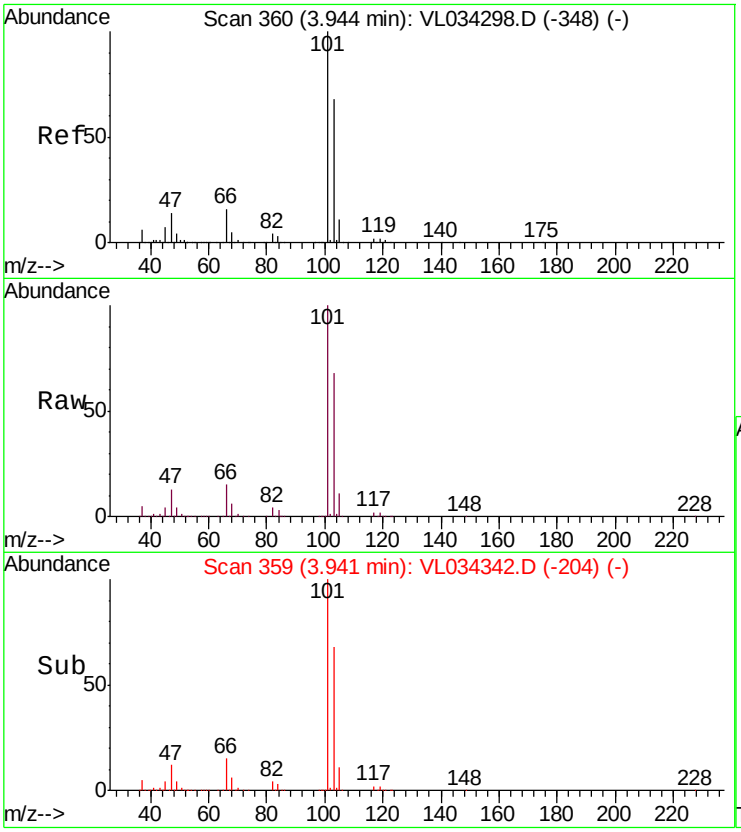


#10
Heptane
Concen: 9.626 ppbv
RT: 8.16 min Scan# 1671
Delta R.T. -0.01 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Tgt Ion: 43 Resp: 1425931

Ion	Ratio	Lower	Upper
43	100		
57	48.7	39.5	59.3



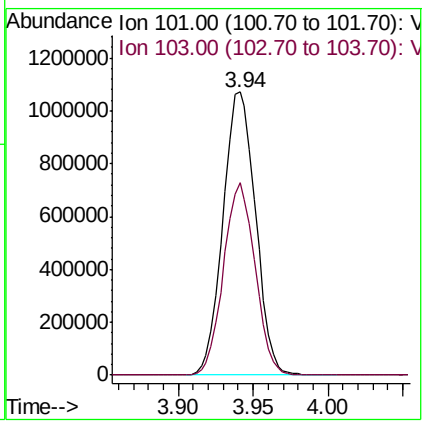


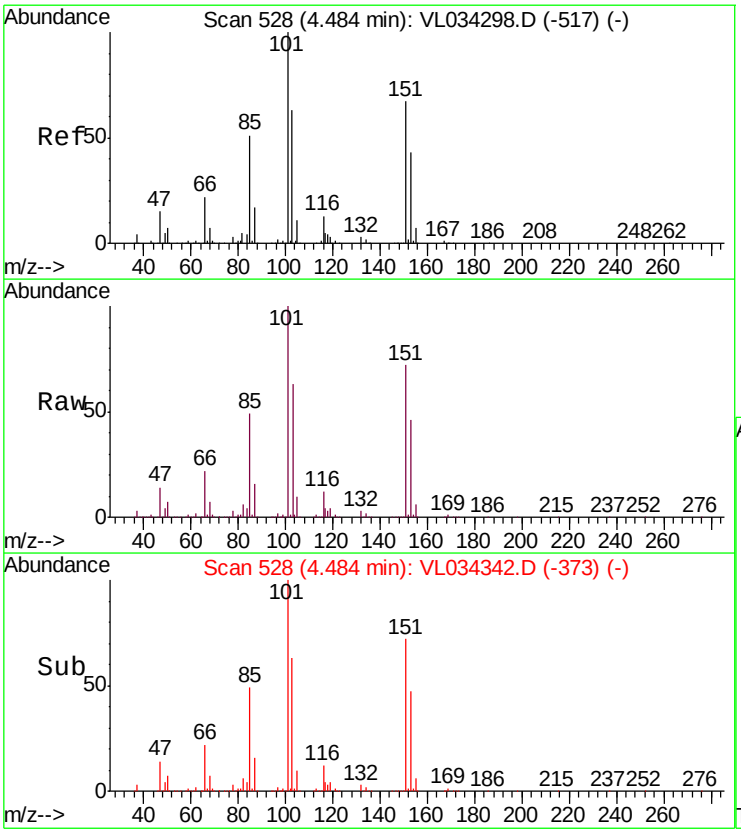
#11
Trichlorofluoromethane
Concen: 8.916 ppbv
RT: 3.94 min Scan# 359
Delta R.T. -0.00 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 1621178

Ion	Ratio	Lower	Upper
101	100		
103	68.2	54.5	81.7

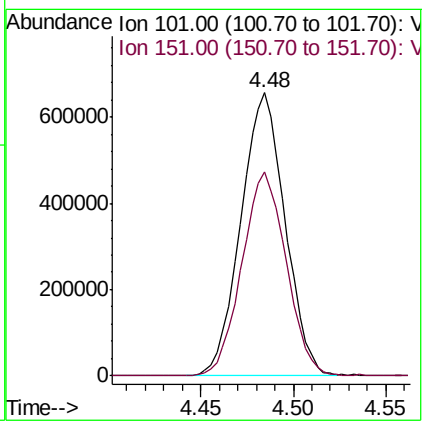


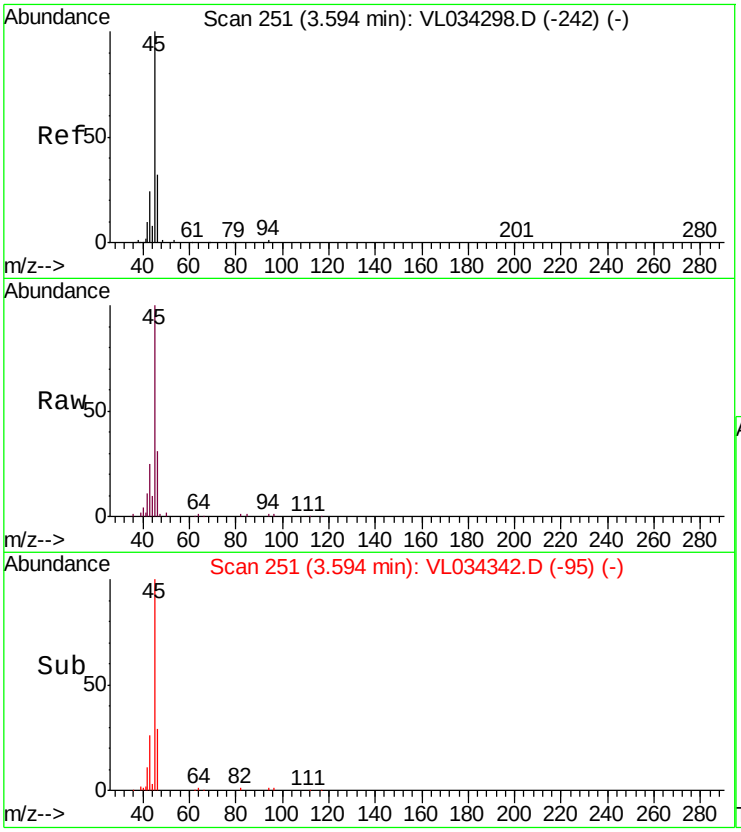


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.137 ppbv
RT: 4.48 min Scan# 528
Delta R.T. -0.00 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Tgt Ion:101 Resp: 1088438

Ion	Ratio	Lower	Upper
101	100		
151	72.4	57.4	86.2



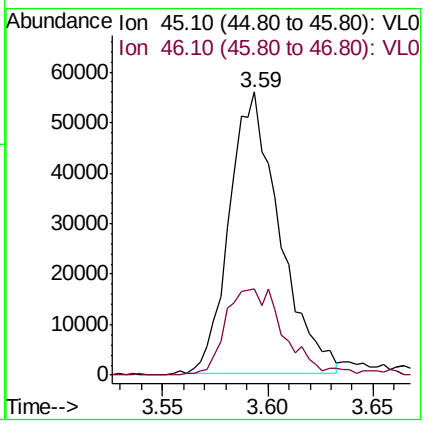


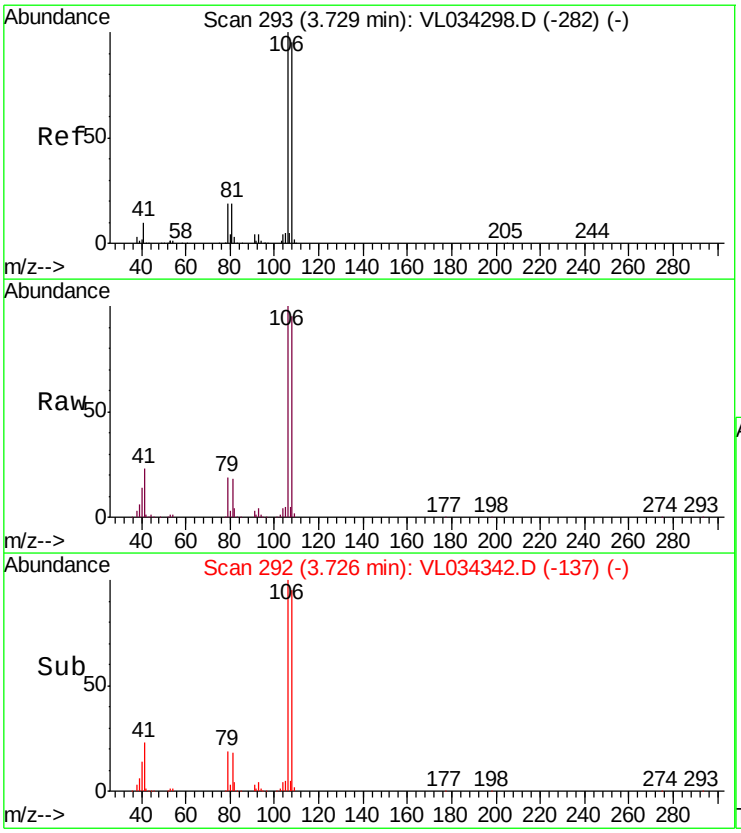
#13
Ethanol
Concen: 7.105 ppbv
RT: 3.59 min Scan# 251
Delta R.T. -0.00 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 91815

Ion	Ratio	Lower	Upper
45	100		
46	37.3	15.8	63.2

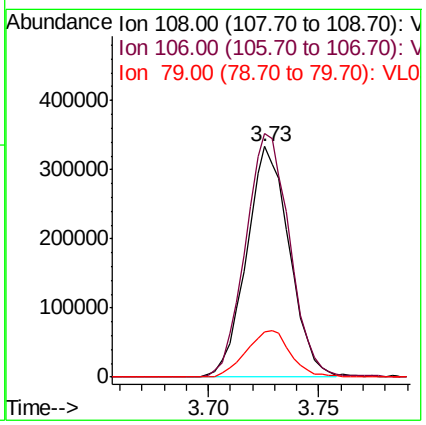


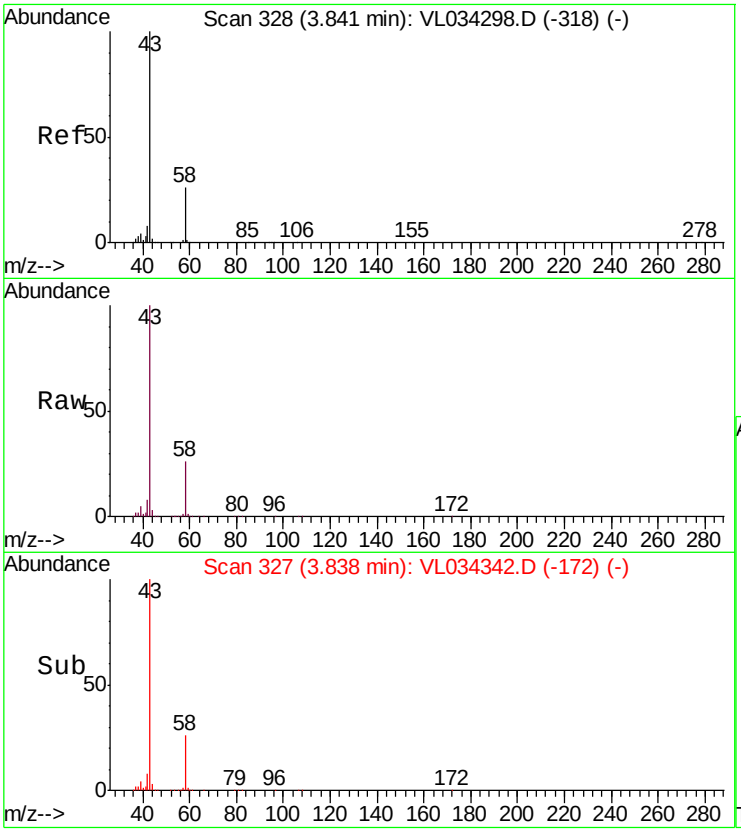


#14
Bromoethene
Concen: 9.567 ppbv
RT: 3.73 min Scan# 292
Delta R.T. -0.00 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Tgt Ion:108 Resp: 448688

Ion	Ratio	Lower	Upper
108	100		
106	109.6	84.8	127.2
79	21.0	17.0	25.4



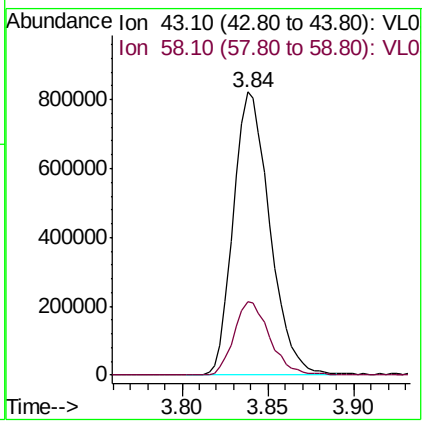


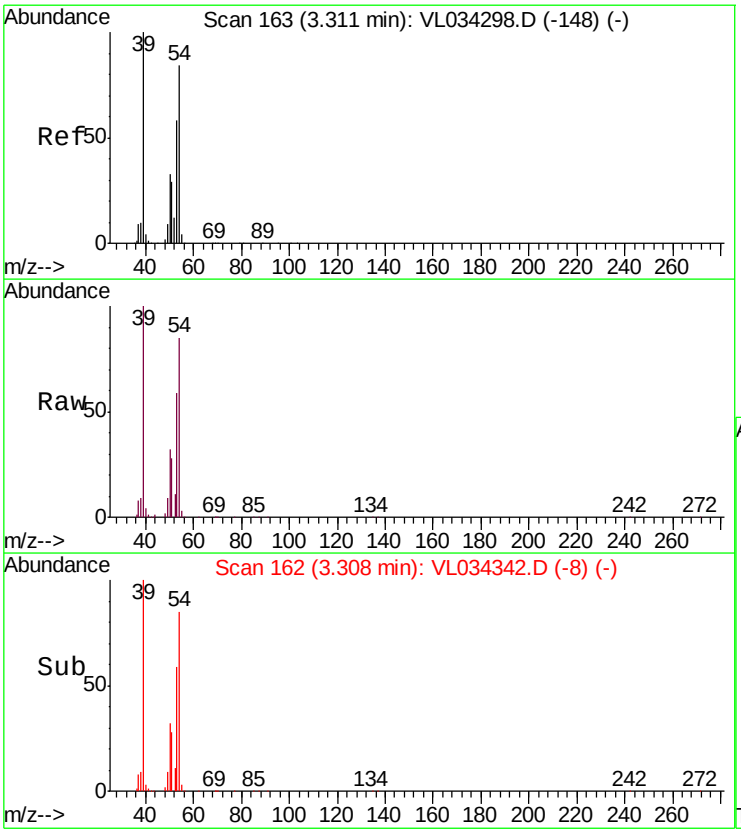
#15
Acetone
Concen: 7.629 ppbv
RT: 3.84 min Scan# 327
Delta R.T. -0.00 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1212172

Ion	Ratio	Lower	Upper
43	100		
58	25.7	20.4	30.6

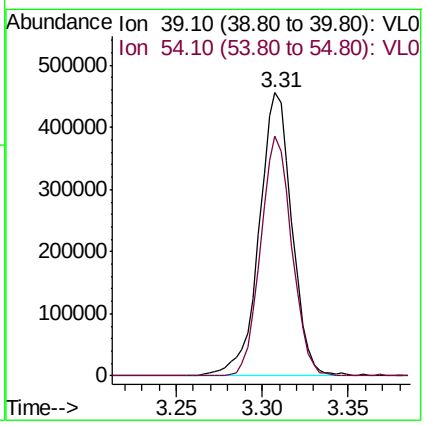


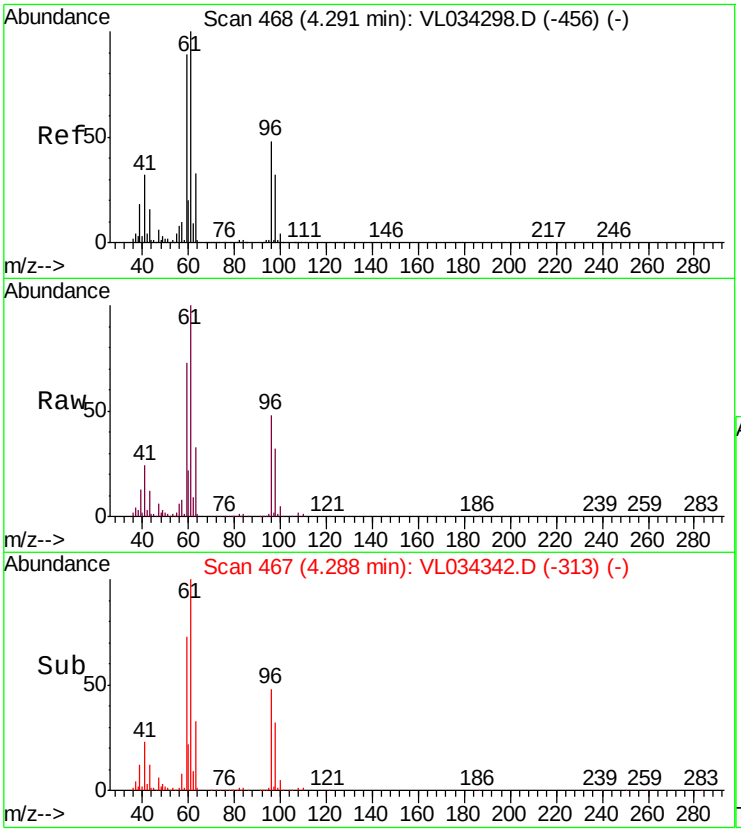


#16
1,3-Butadiene
Concen: 9.289 ppbv
RT: 3.31 min Scan# 162
Delta R.T. -0.00 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Tgt Ion: 39 Resp: 599687

Ion	Ratio	Lower	Upper
39	100		
54	80.7	63.9	95.9



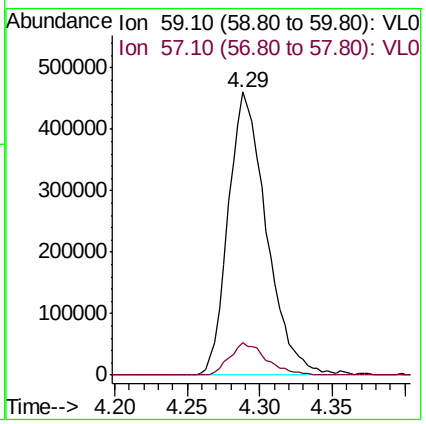


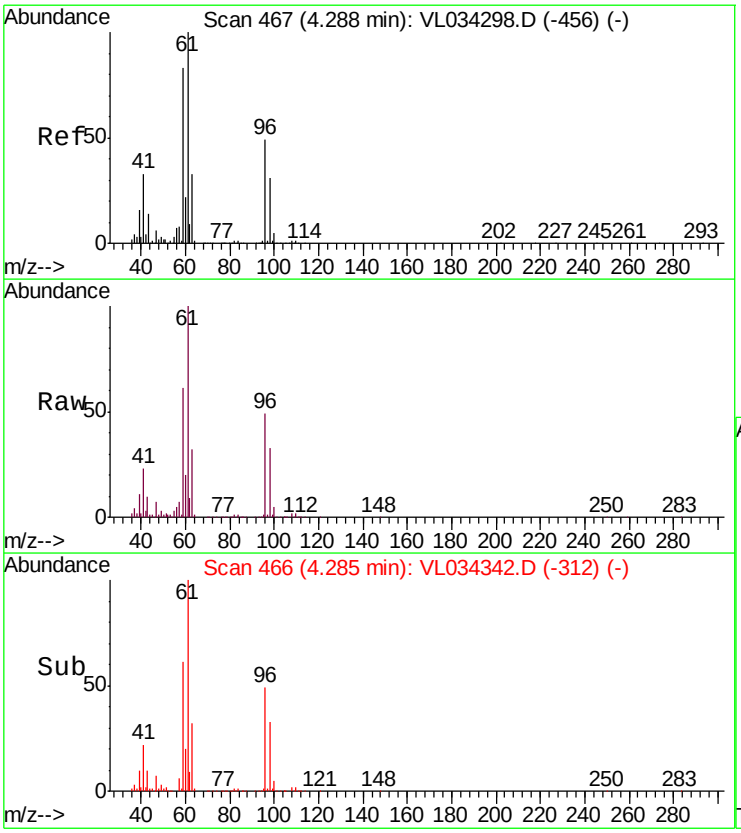
#17
tert-Butyl alcohol
Concen: 8.309 ppbv
RT: 4.29 min Scan# 467
Delta R.T. -0.00 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 842620

Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.8	13.2

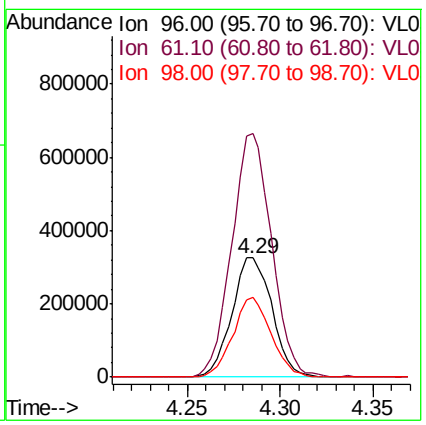


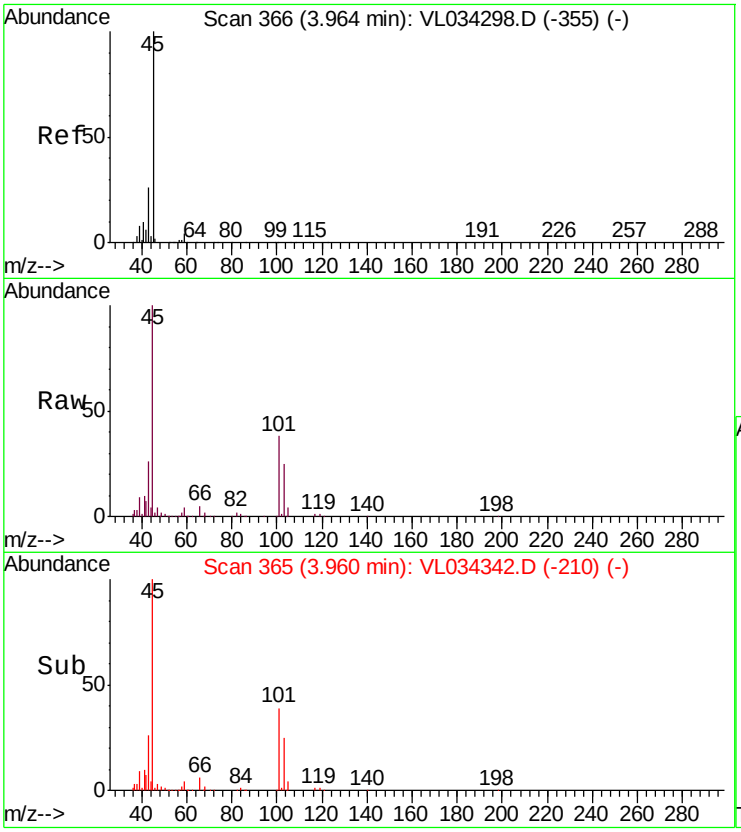


#18
1,1-Dichloroethene
Concen: 9.385 ppbv
RT: 4.29 min Scan# 466
Delta R.T. -0.00 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Tgt Ion: 96 Resp: 489502

Ion	Ratio	Lower	Upper
96	100		
61	203.7	164.5	246.7
98	66.4	51.7	77.5



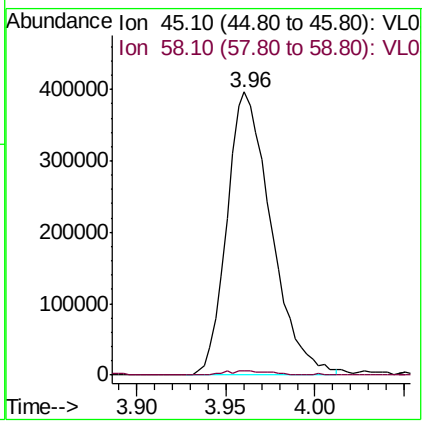


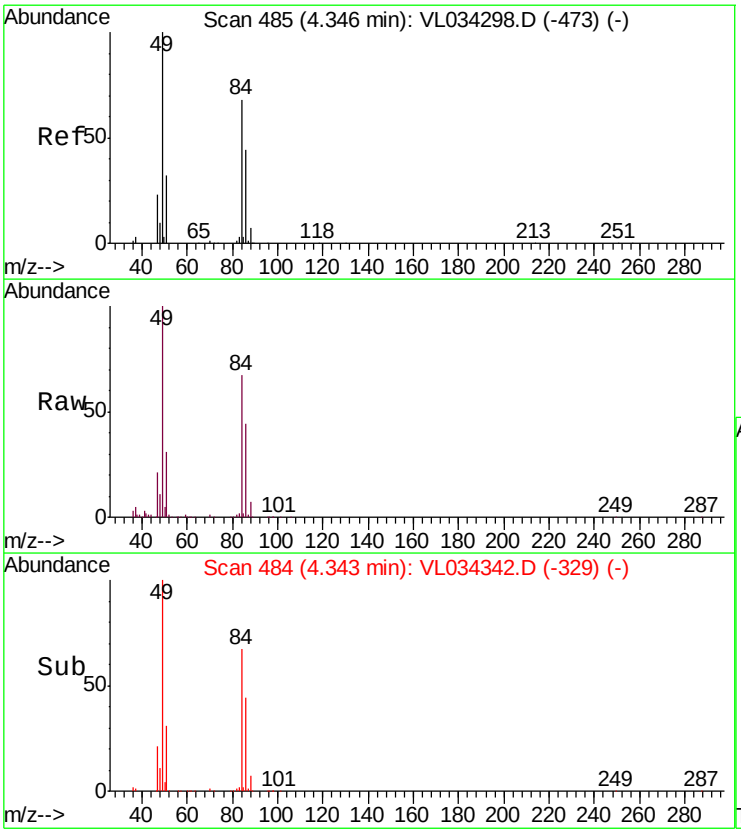
#19
Isopropyl Alcohol
Concen: 7.703 ppbv
RT: 3.96 min Scan# 365
Delta R.T. -0.00 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 682798

Ion	Ratio	Lower	Upper
45	100		
58	2.0	1.4	2.2

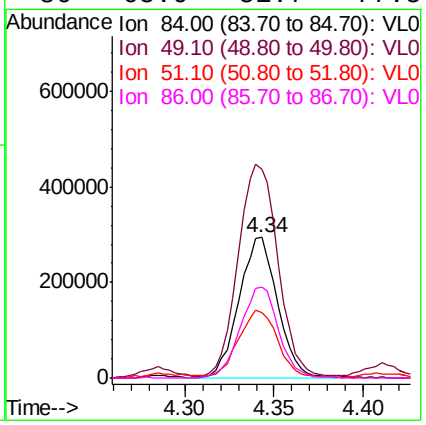


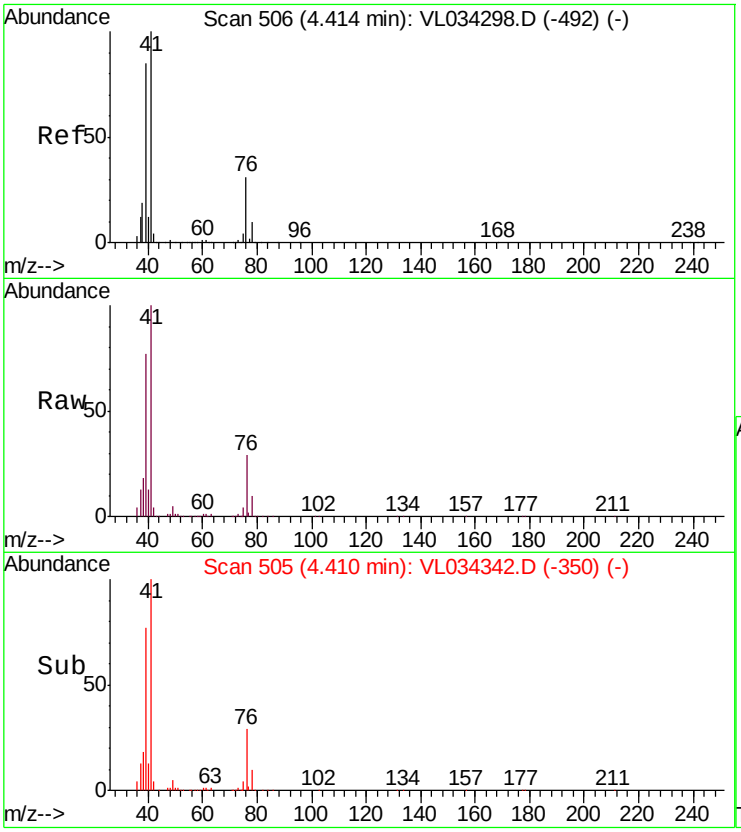


#20
Methylene Chloride
Concen: 7.740 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.00 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Tgt Ion: 84 Resp: 444612

Ion	Ratio	Lower	Upper
84	100		
49	147.5	118.5	177.7
51	46.2	38.8	58.2
86	65.0	51.7	77.5



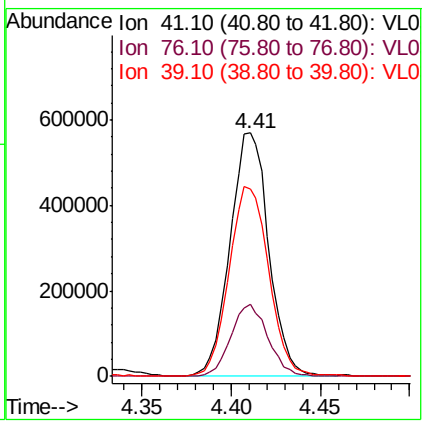


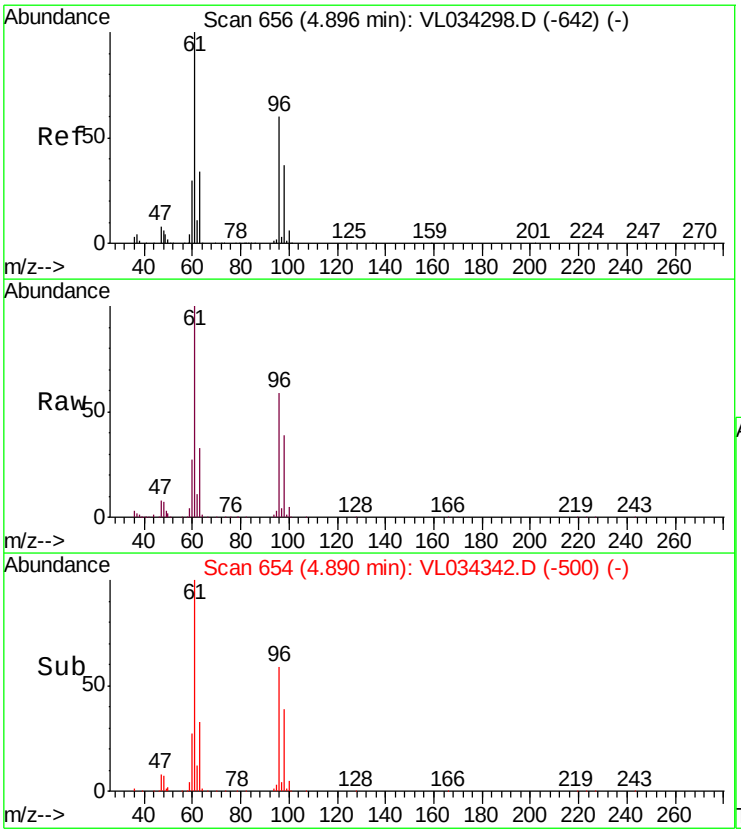
#21
Allyl Chloride
Concen: 9.748 ppbv
RT: 4.41 min Scan# 505
Delta R.T. -0.00 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 41 Resp: 856268

Ion	Ratio	Lower	Upper
41	100		
76	28.6	22.8	34.2
39	80.3	66.0	99.0

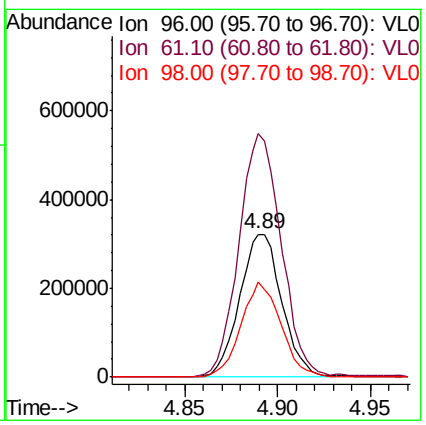


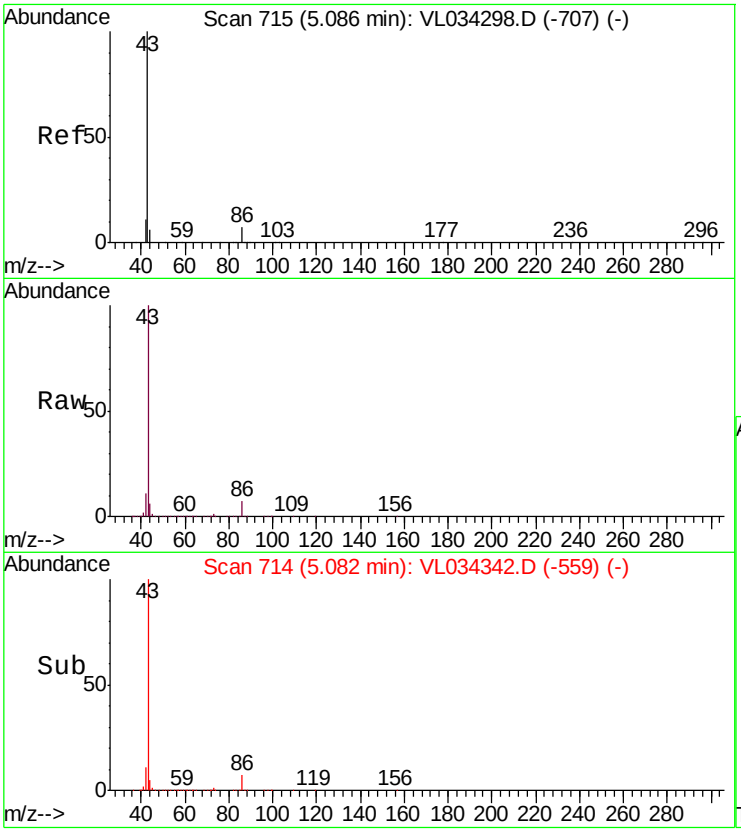


#22
trans-1,2-Dichloroethene
Concen: 9.735 ppbv
RT: 4.89 min Scan# 654
Delta R.T. -0.01 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Tgt Ion: 96 Resp: 506427

Ion	Ratio	Lower	Upper
96	100		
61	170.6	133.8	200.6
98	66.5	49.4	74.0



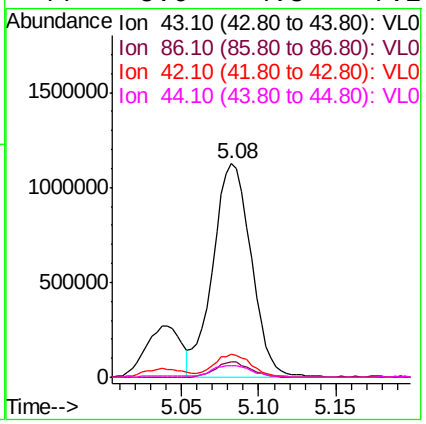


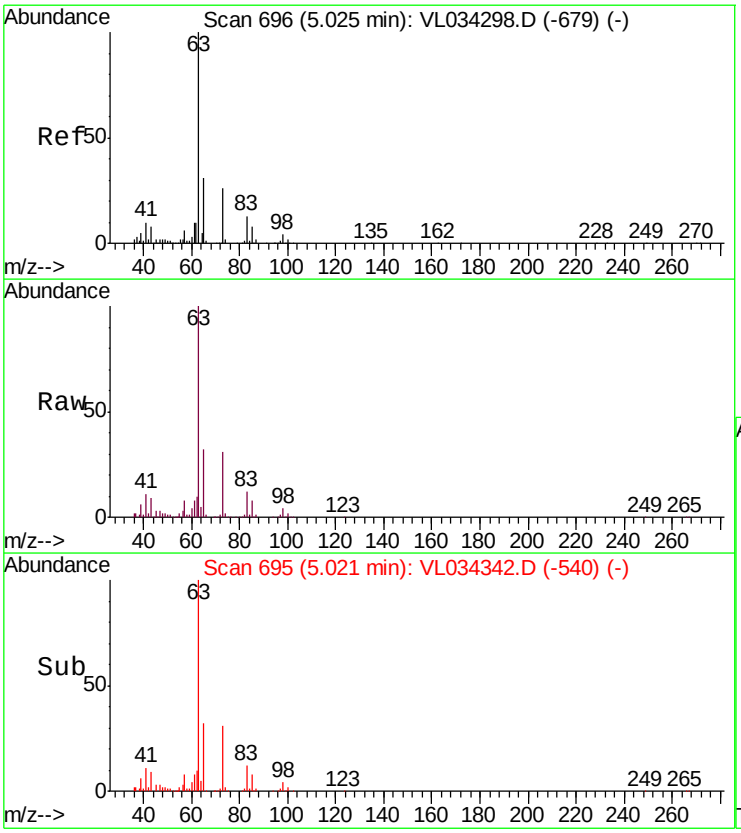
#23
Vinyl Acetate
Concen: 9.727 ppbv
RT: 5.08 min Scan# 714
Delta R.T. -0.00 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 43 Resp: 1930023

Ion	Ratio	Lower	Upper
43	100		
86	7.1	5.0	7.4
42	10.8	8.6	13.0
44	5.6	4.8	7.2

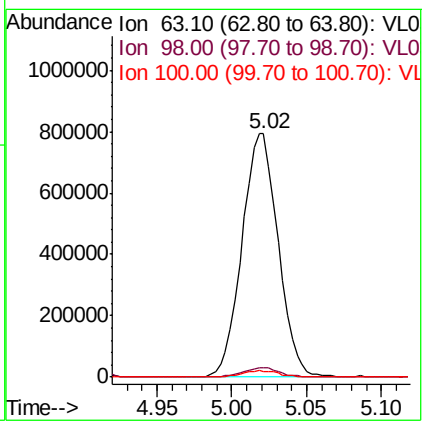


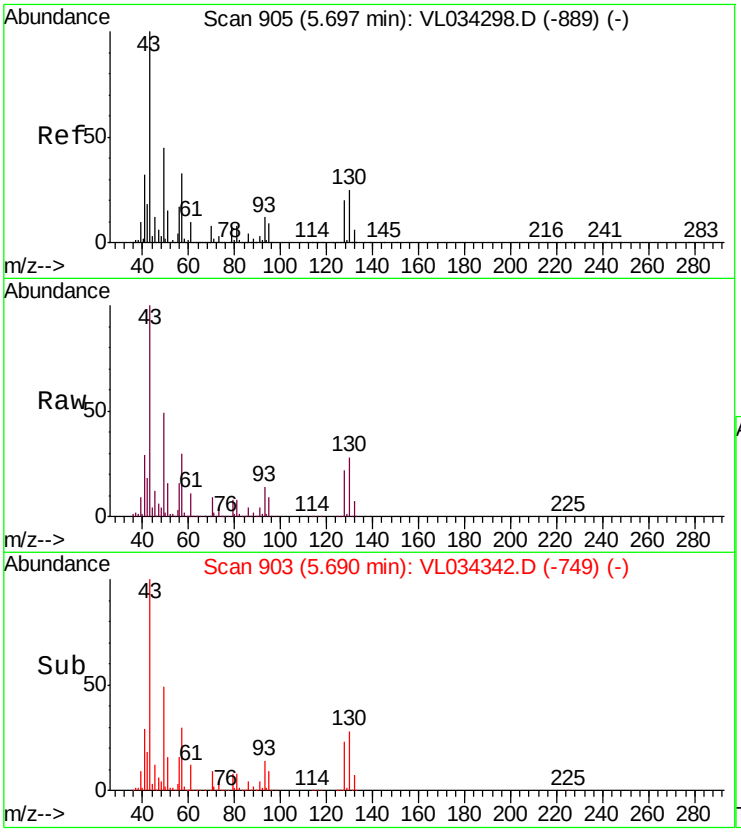


#24
1,1-Dichloroethane
Concen: 9.053 ppbv
RT: 5.02 min Scan# 695
Delta R.T. -0.00 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Tgt Ion: 63 Resp: 1333162

Ion	Ratio	Lower	Upper
63	100		
98	3.5	2.0	6.0
100	2.3	1.1	3.5



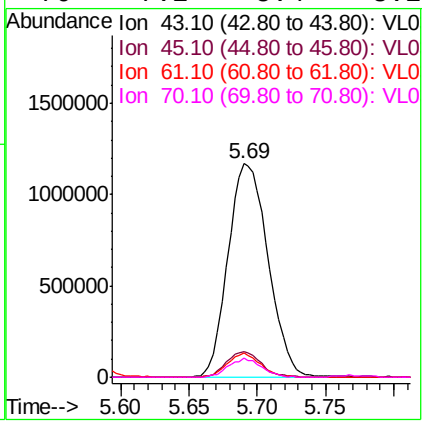


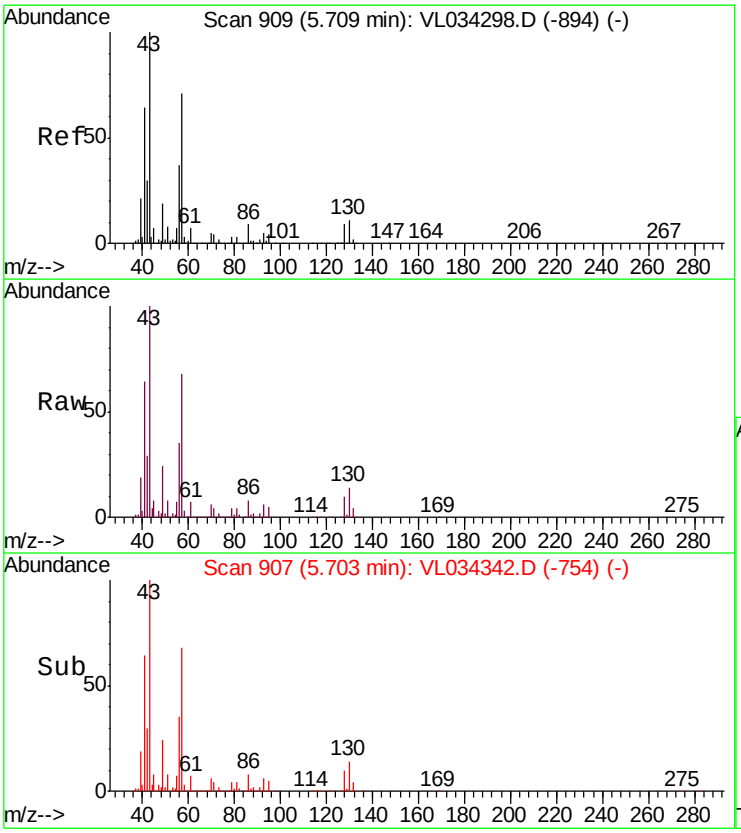
#25
Ethyl Acetate
Concen: 8.855 ppbv
RT: 5.69 min Scan# 903
Delta R.T. -0.01 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 43 Resp: 2375433

Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.3	12.5
61	9.8	7.7	11.5
70	7.2	5.4	8.2

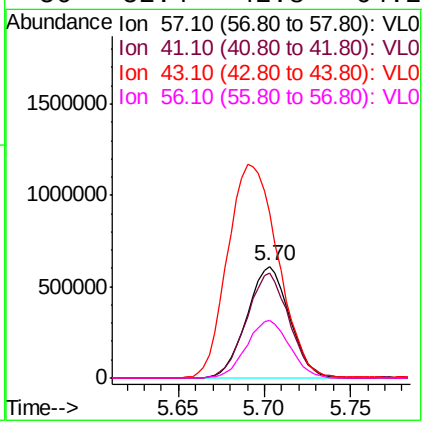


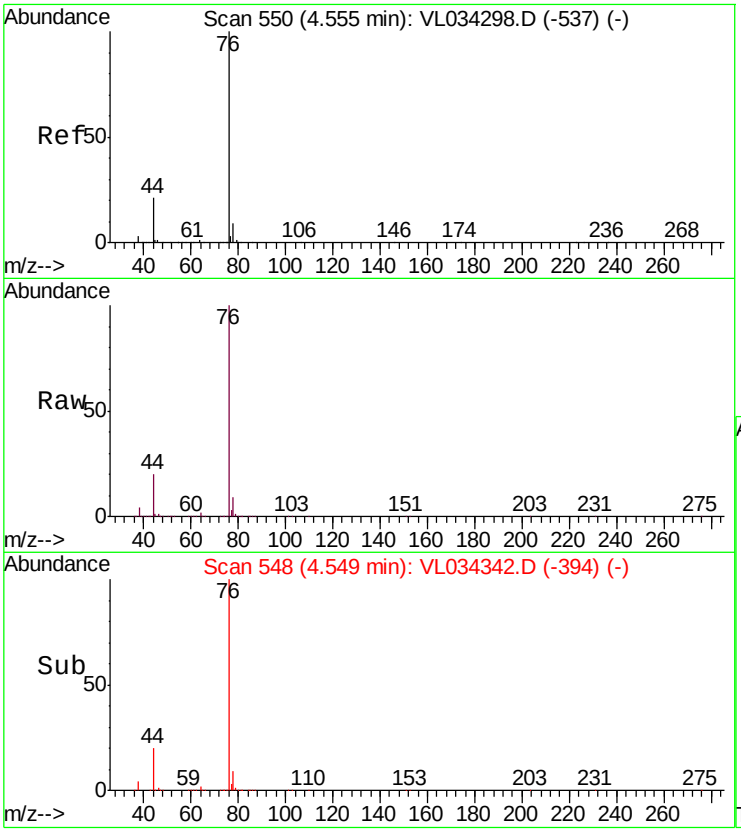


#26
Hexane
Concen: 9.145 ppbv
RT: 5.70 min Scan# 907
Delta R.T. -0.01 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Tgt Ion: 57 Resp: 1045639

Ion	Ratio	Lower	Upper
57	100		
41	94.8	76.5	114.7
43	229.3	188.5	282.7
56	52.4	42.8	64.2



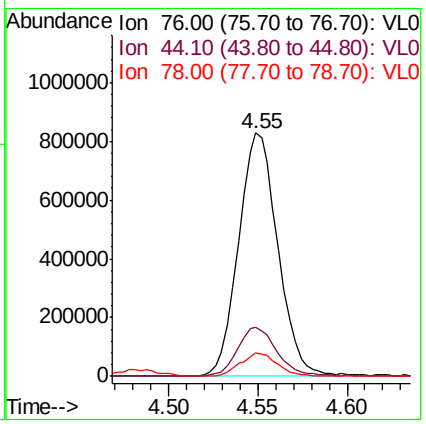


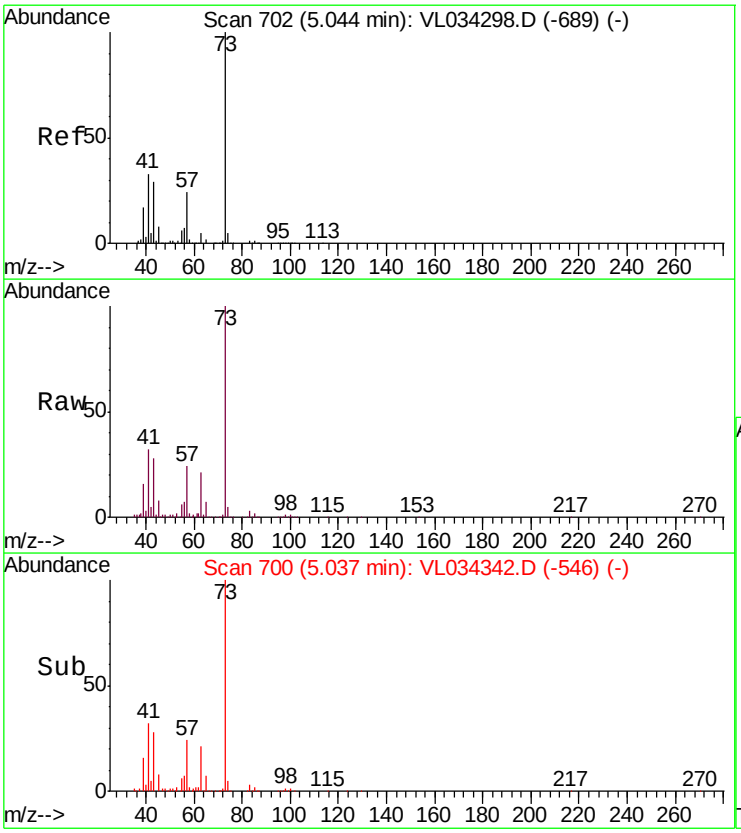
#27
Carbon Disulfide
Concen: 10.717 ppbv
RT: 4.55 min Scan# 548
Delta R.T. -0.01 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 76 Resp: 1272122

Ion	Ratio	Lower	Upper
76	100		
44	19.9	17.3	25.9
78	9.2	7.8	11.6

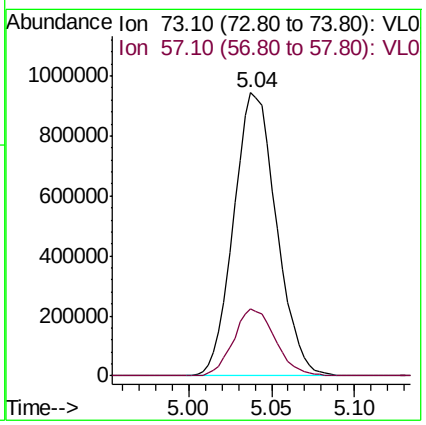


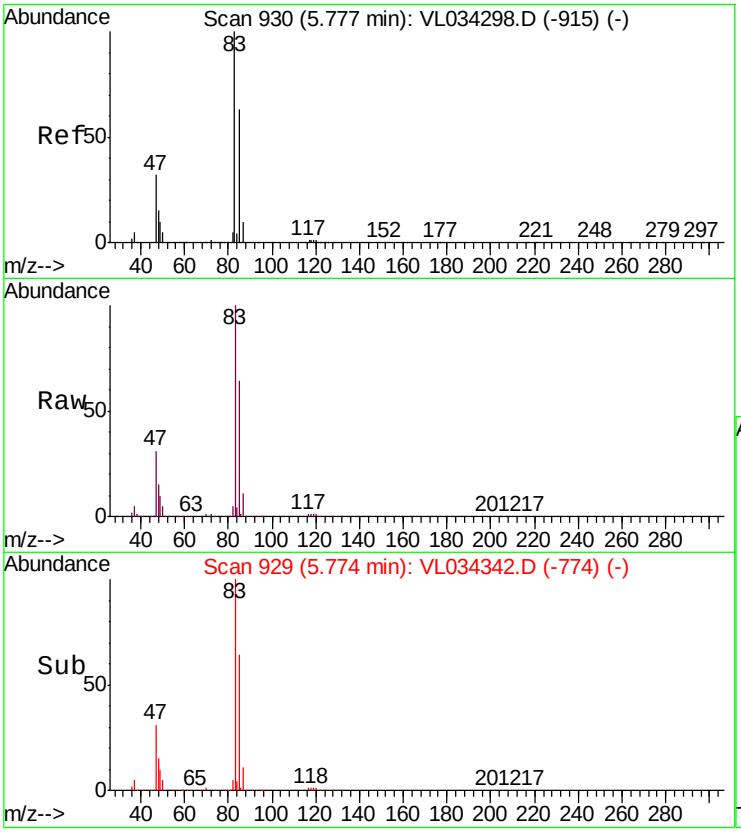


#28
Methyl tert-Butyl Ether
Concen: 9.795 ppbv
RT: 5.04 min Scan# 700
Delta R.T. -0.01 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Tgt Ion: 73 Resp: 1694862

Ion	Ratio	Lower	Upper
73	100		
57	23.1	19.2	28.8



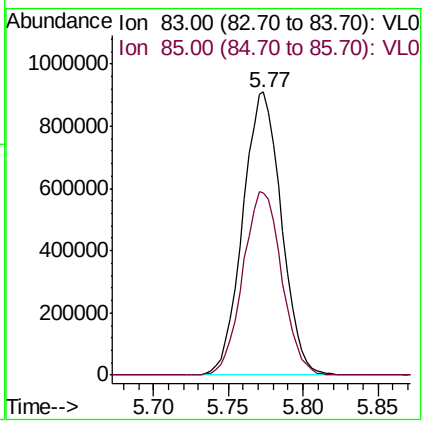


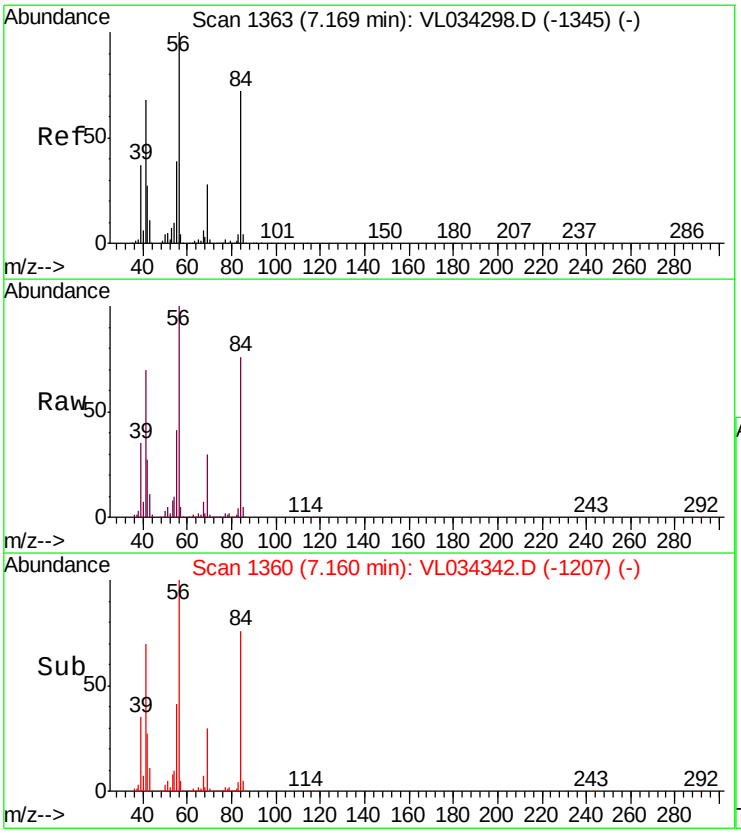
#29
Chloroform
Concen: 9.053 ppbv
RT: 5.77 min Scan# 929
Delta R.T. -0.00 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1637360

Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.5	75.7

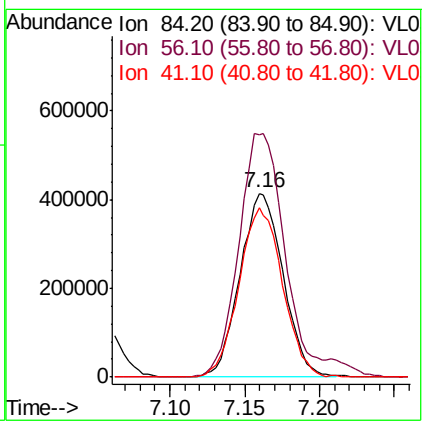


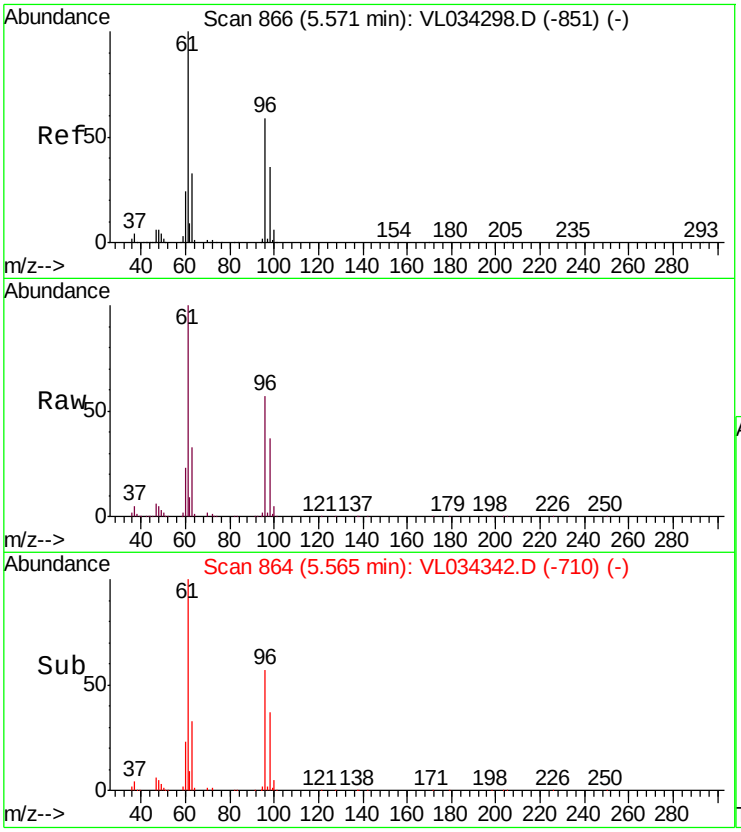


#30
Cyclohexane
Concen: 9.901 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.01 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Tgt Ion: 84 Resp: 832529

Ion	Ratio	Lower	Upper
84	100		
56	145.2	119.4	179.0
41	92.9	78.7	118.1



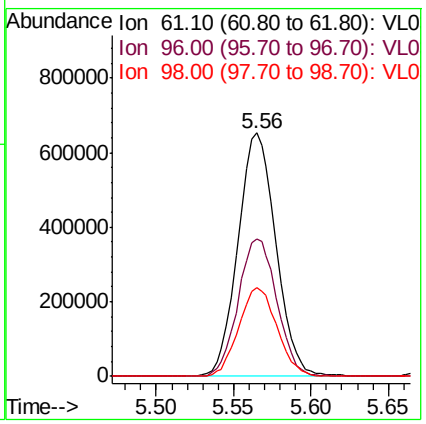


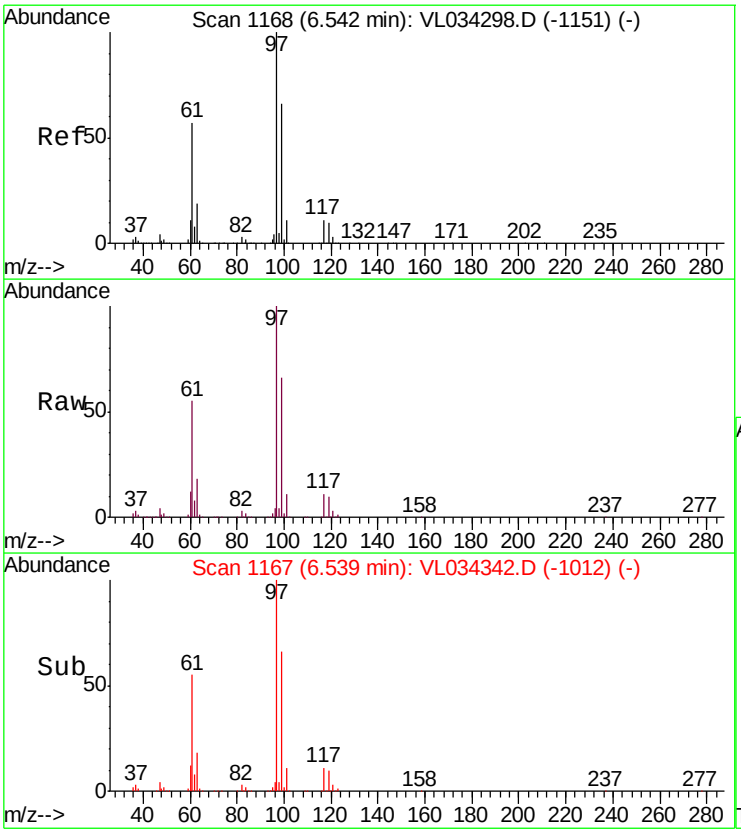
#31
cis-1,2-Dichloroethene
Concen: 9.575 ppbv
RT: 5.56 min Scan# 864
Delta R.T. -0.01 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 61 Resp: 1111107

Ion	Ratio	Lower	Upper
61	100		
96	56.6	47.5	71.3
98	36.7	28.8	43.2

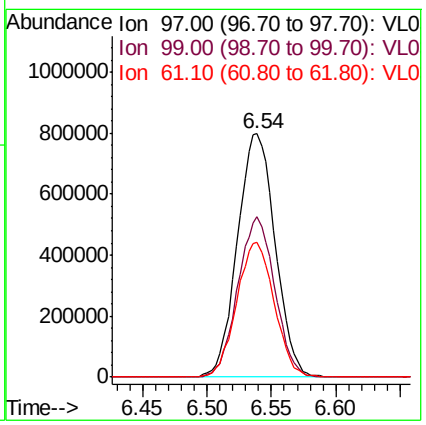


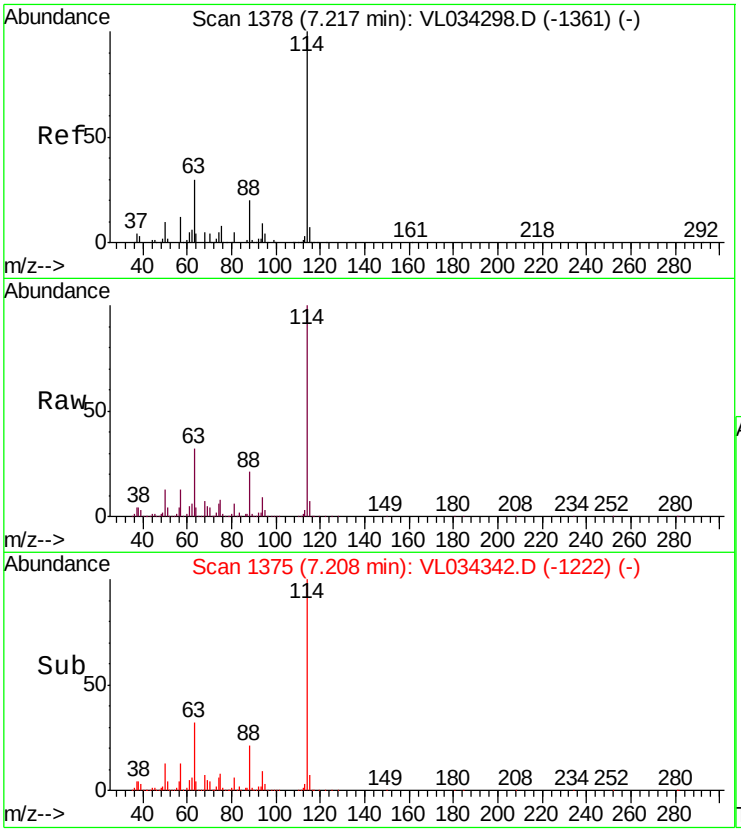


#32
1,1,1-Trichloroethane
Concen: 9.252 ppbv
RT: 6.54 min Scan# 1167
Delta R.T. -0.00 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Tgt Ion: 97 Resp: 1627294

Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.6	78.8
61	55.0	44.5	66.7



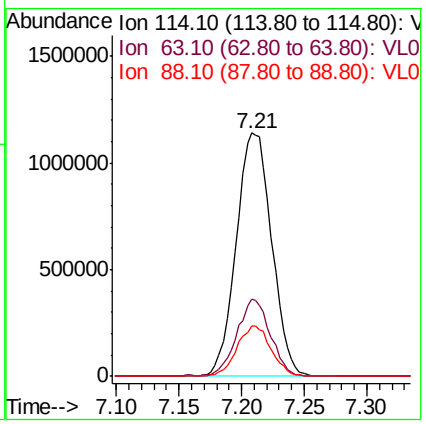


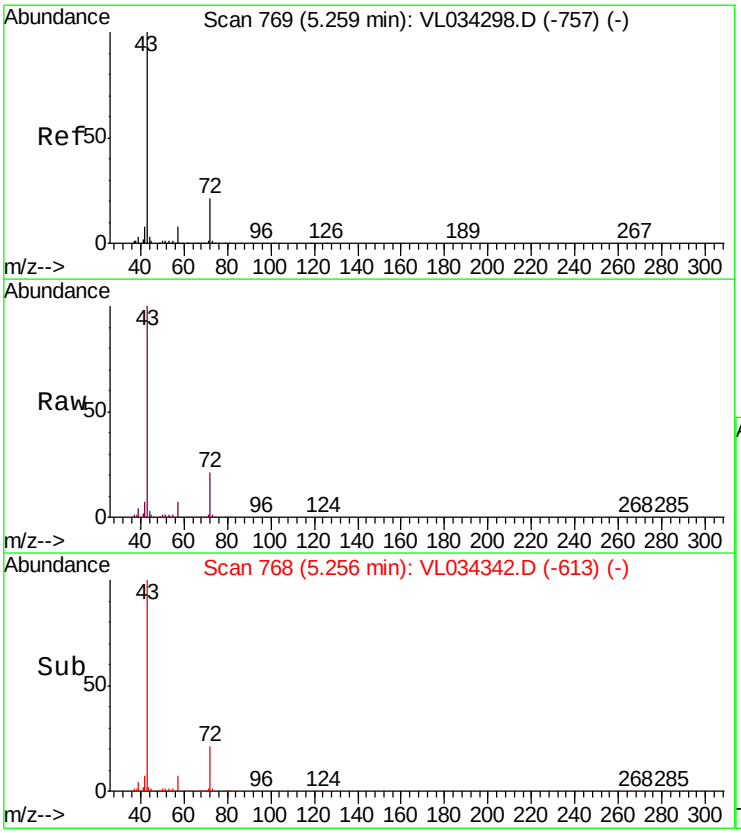
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.21 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:114 Resp: 2241741

Ion	Ratio	Lower	Upper
114	100		
63	30.4	25.2	37.8
88	20.0	16.0	24.0

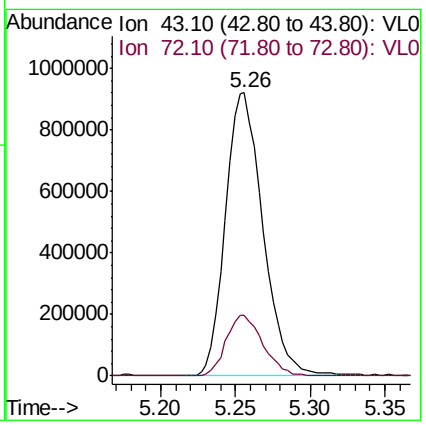


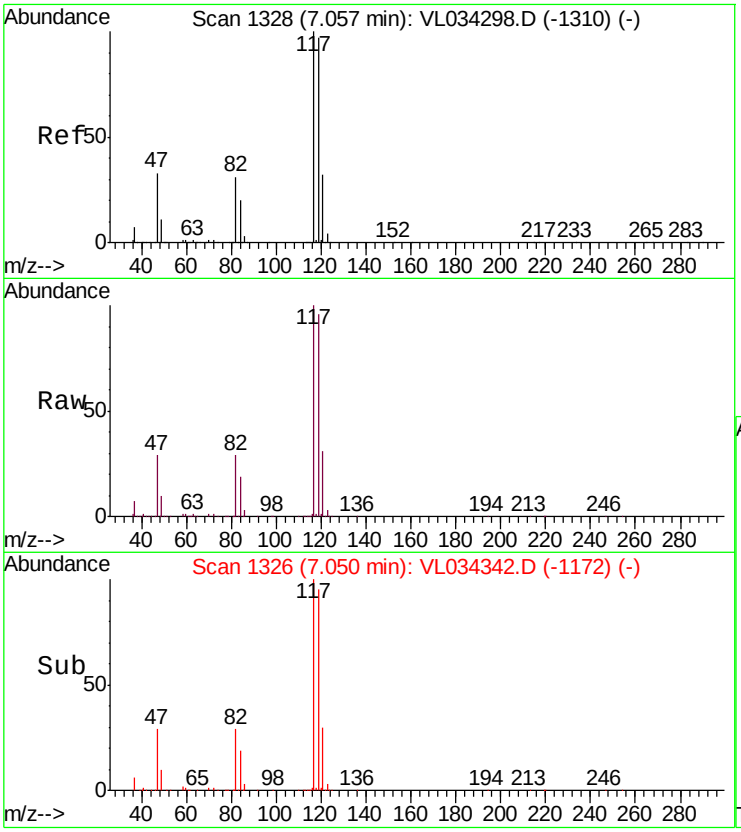


#34
2-Butanone
Concen: 8.732 ppbv
RT: 5.26 min Scan# 768
Delta R.T. -0.00 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Tgt Ion: 43 Resp: 1599916

Ion	Ratio	Lower	Upper
43	100		
72	21.3	16.3	24.5



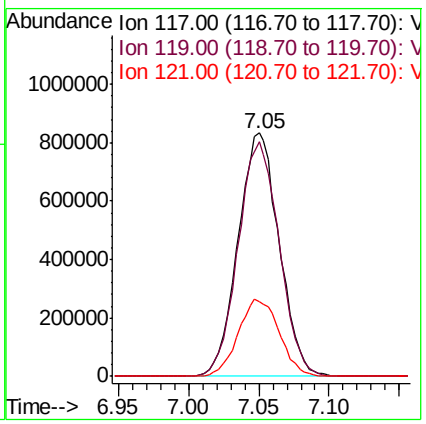


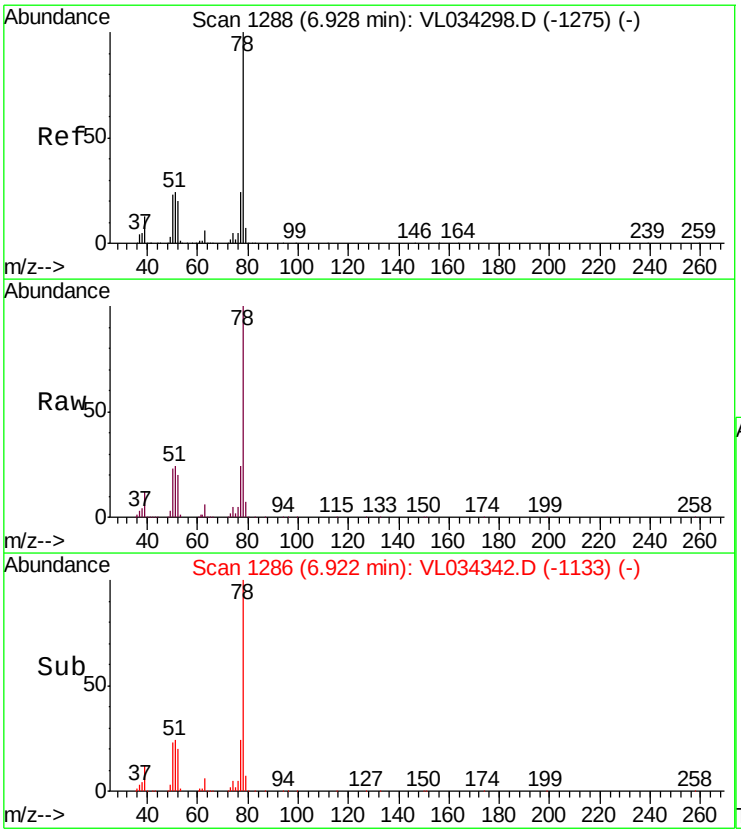
#35
Carbon Tetrachloride
Concen: 8.704 ppbv
RT: 7.05 min Scan# 1326
Delta R.T. -0.01 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 1699493

Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.3	115.9
121	30.5	25.5	38.3

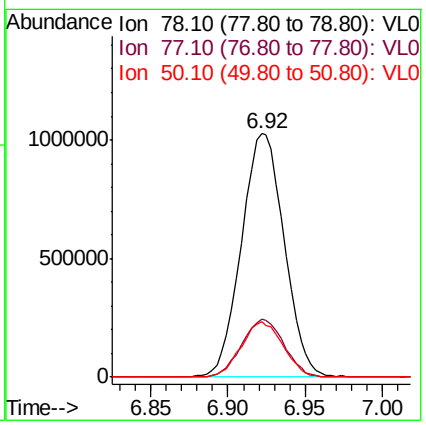


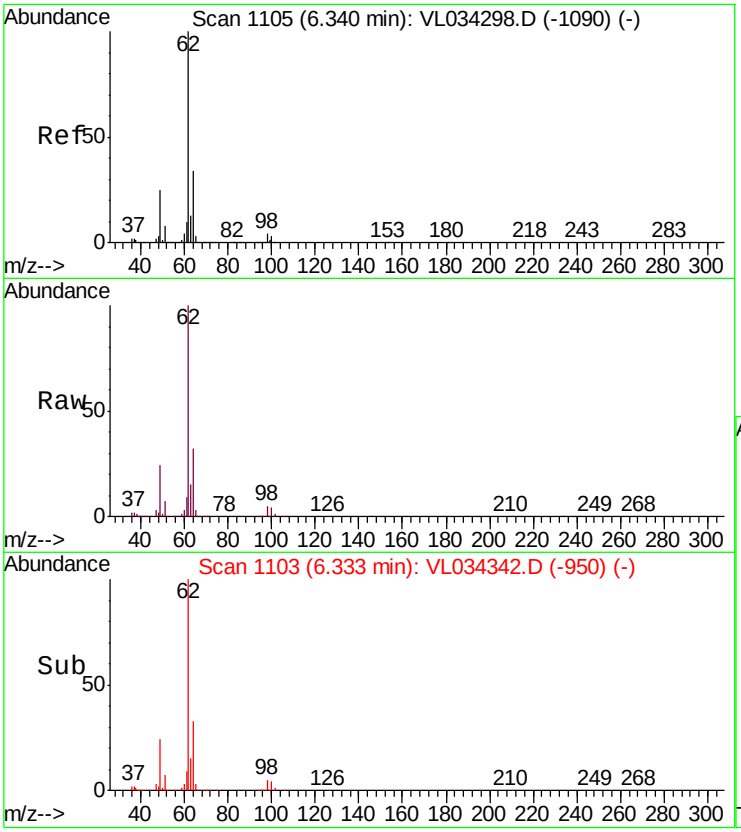


#36
Benzene
Concen: 9.192 ppbv
RT: 6.92 min Scan# 1286
Delta R.T. -0.01 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Tgt Ion: 78 Resp: 1977112

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.4
50	22.8	18.6	27.8



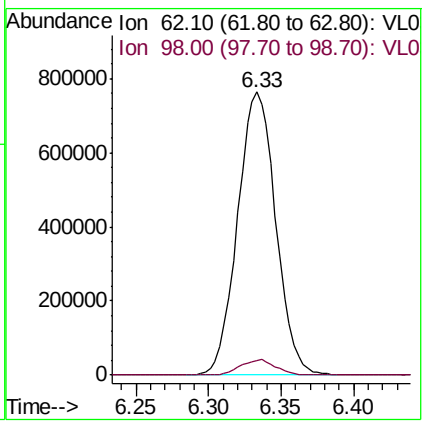


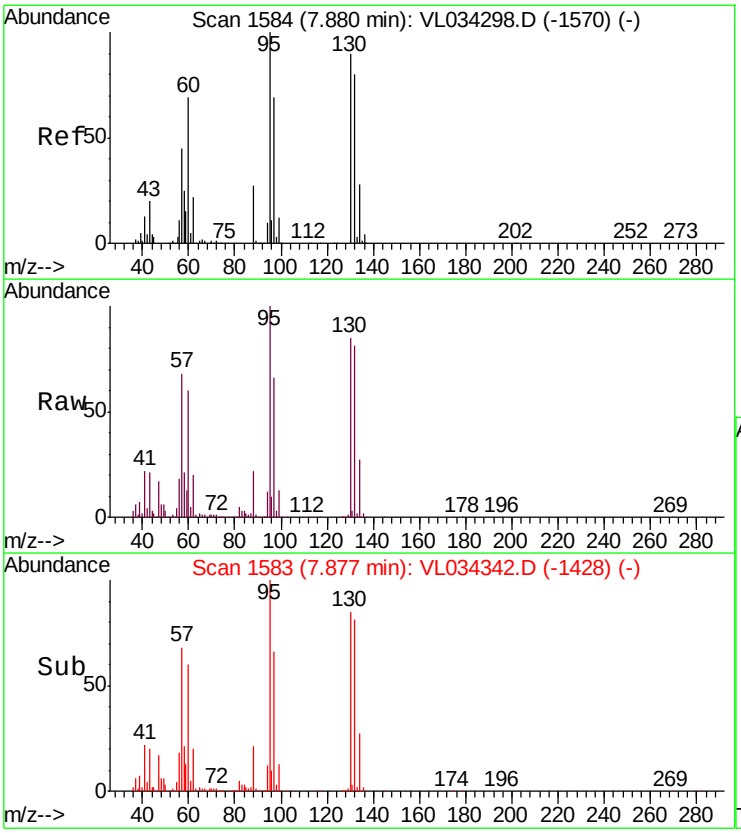
#37
1,2-Dichloroethane
Concen: 8.730 ppbv
RT: 6.33 min Scan# 1103
Delta R.T. -0.01 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 62 Resp: 1399464

Ion	Ratio	Lower	Upper
62	100		
98	5.2	3.8	5.6

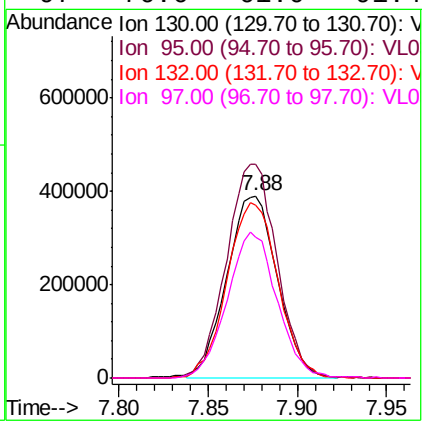


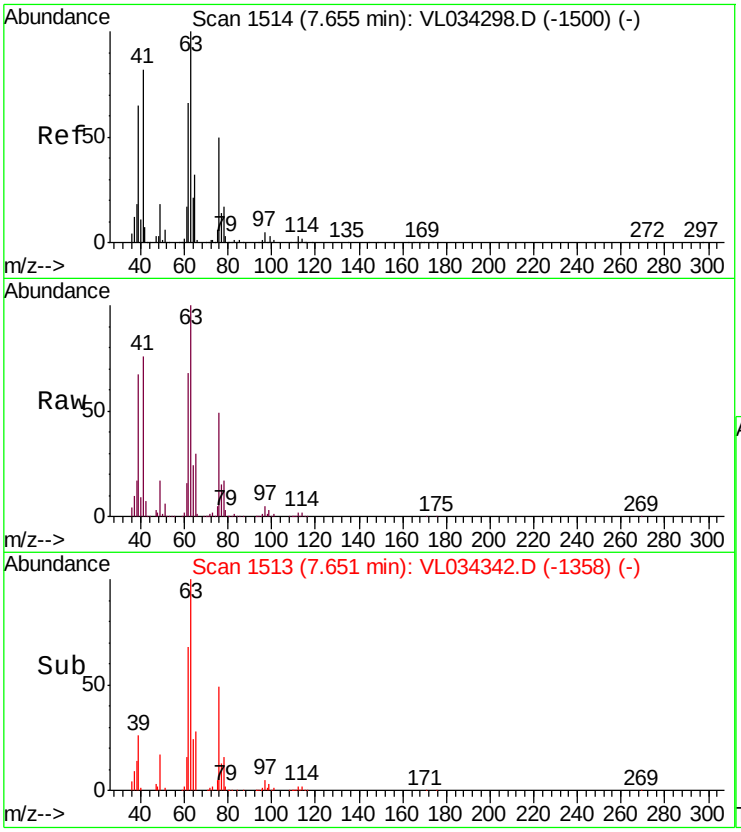


#38
Trichloroethene
Concen: 8.895 ppbv
RT: 7.88 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Tgt Ion:130 Resp: 767715

Ion	Ratio	Lower	Upper
130	100		
95	117.3	88.6	132.8
132	94.7	71.2	106.8
97	76.6	61.0	91.4



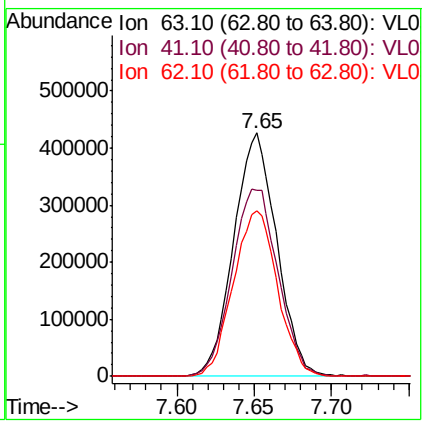


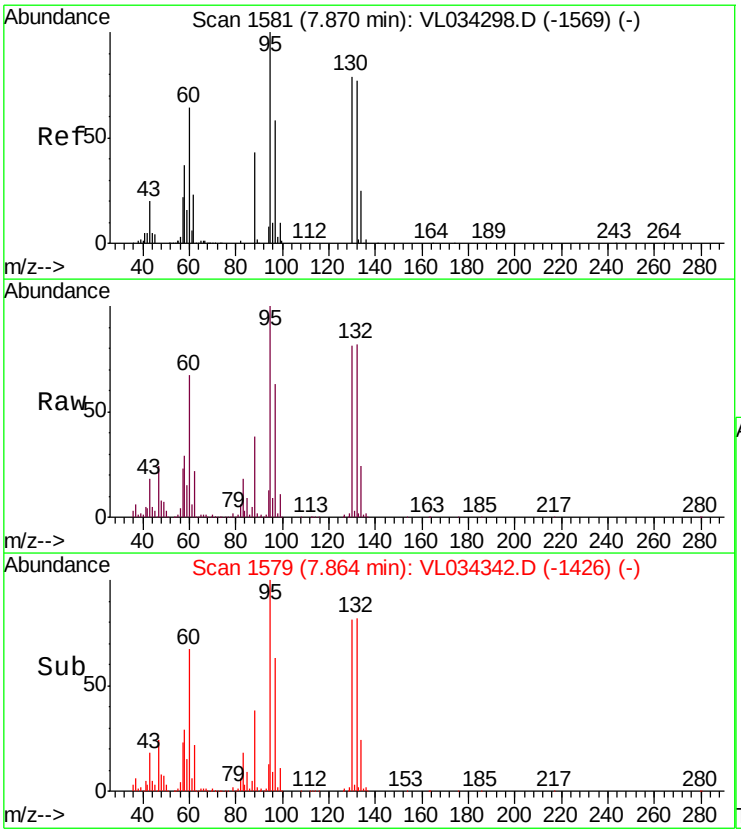
#39
1,2-Dichloropropane
Concen: 8.832 ppbv
RT: 7.65 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 63 Resp: 817954

Ion	Ratio	Lower	Upper
63	100		
41	76.2	65.6	98.4
62	68.2	53.0	79.6

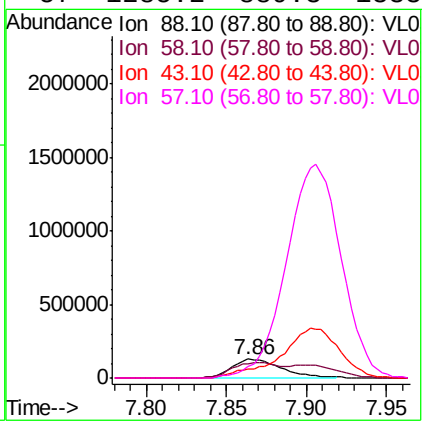


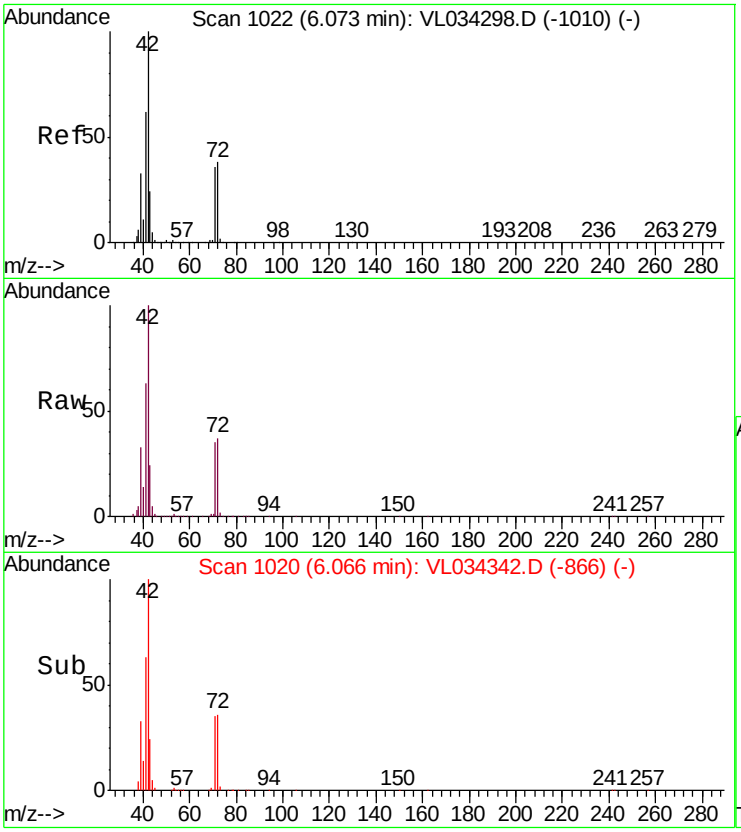


#40
1,4-Dioxane
Concen: 8.366 ppbv
RT: 7.86 min Scan# 1579
Delta R.T. -0.01 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Tgt Ion: 88 Resp: 272296

Ion	Ratio	Lower	Upper
88	100		
58	146.2	110.3	165.5
43	315.5	228.1	342.1
57	1285.2	889.3	1333.9



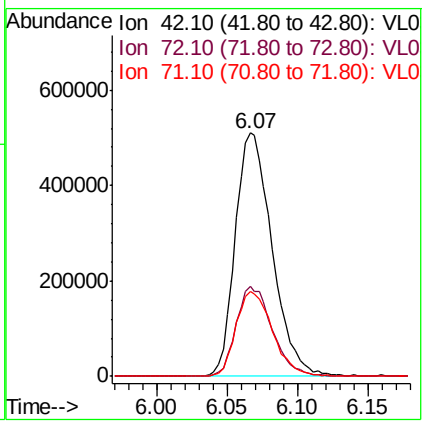


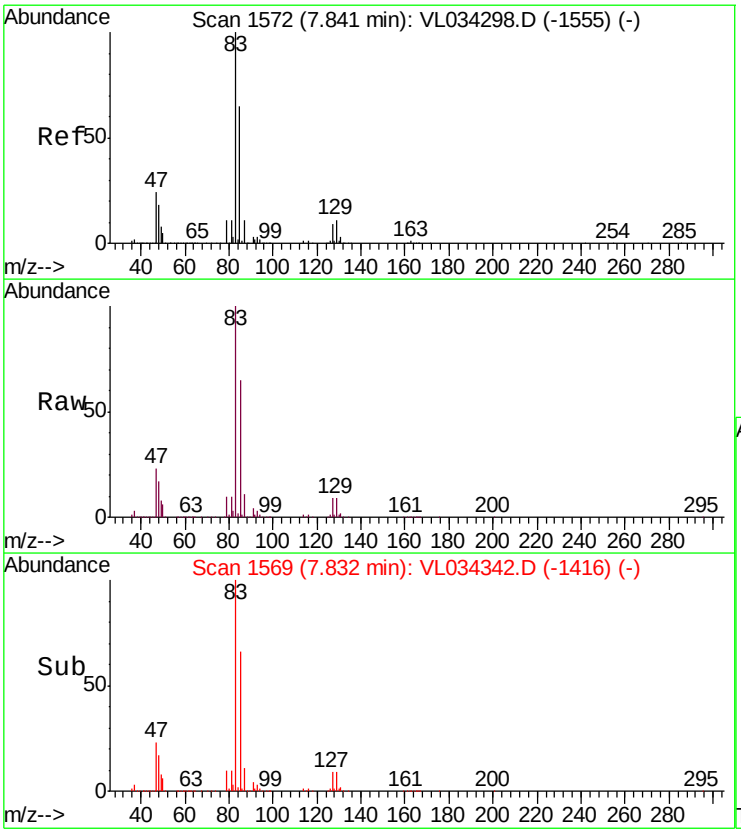
#41
Tetrahydrofuran
Concen: 9.191 ppbv
RT: 6.07 min Scan# 1020
Delta R.T. -0.01 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 934650

Ion	Ratio	Lower	Upper
42	100		
72	36.5	28.0	42.0
71	34.8	27.3	40.9

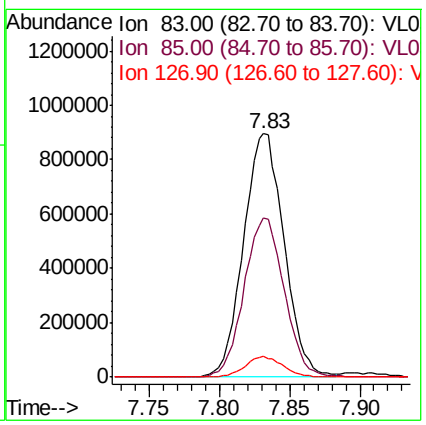


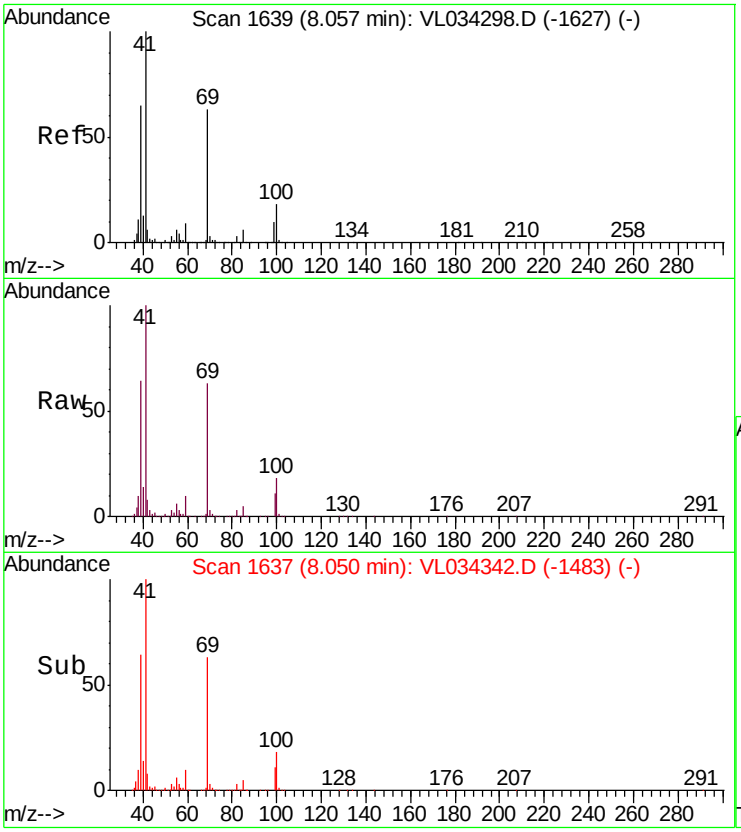


#42
Bromodichloromethane
Concen: 9.189 ppbv
RT: 7.83 min Scan# 1569
Delta R.T. -0.01 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Tgt Ion: 83 Resp: 1804146

Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.8	77.6
127	8.8	7.0	10.6



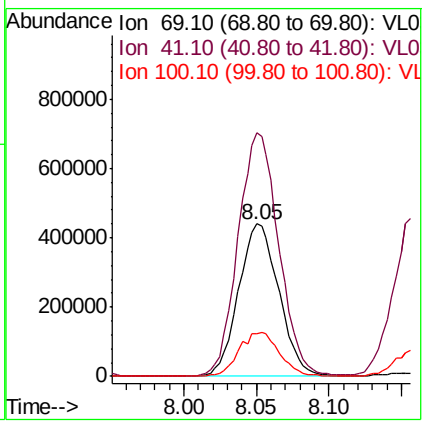


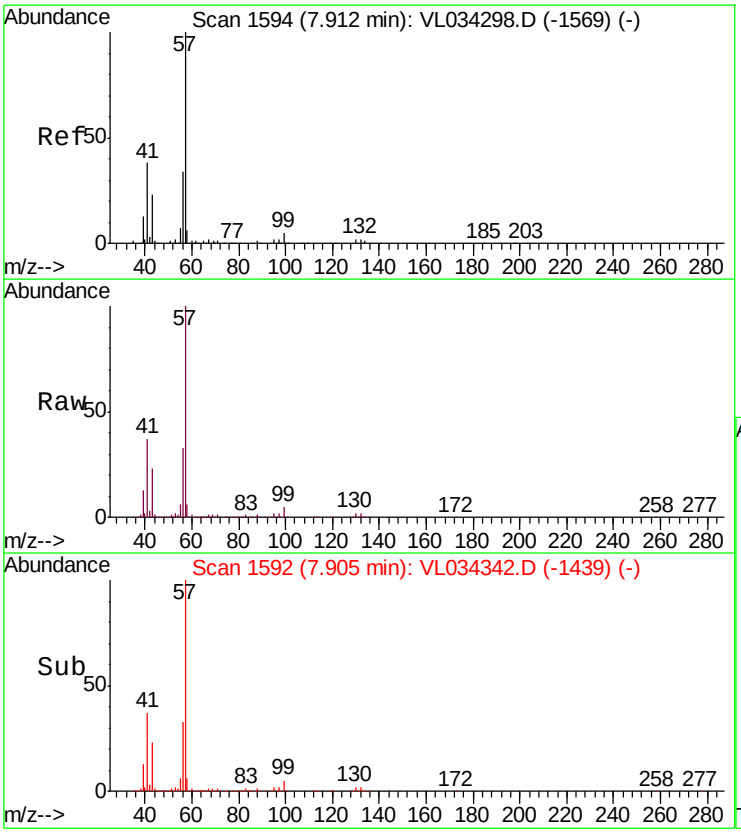
#43
Methyl Methacrylate
Concen: 9.572 ppbv
RT: 8.05 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 851477

Ion	Ratio	Lower	Upper
69	100		
41	160.8	132.1	198.1
100	29.2	23.2	34.8

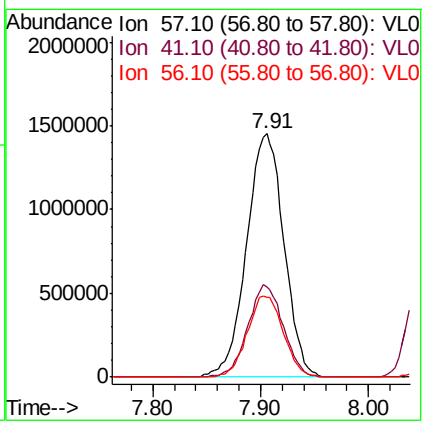


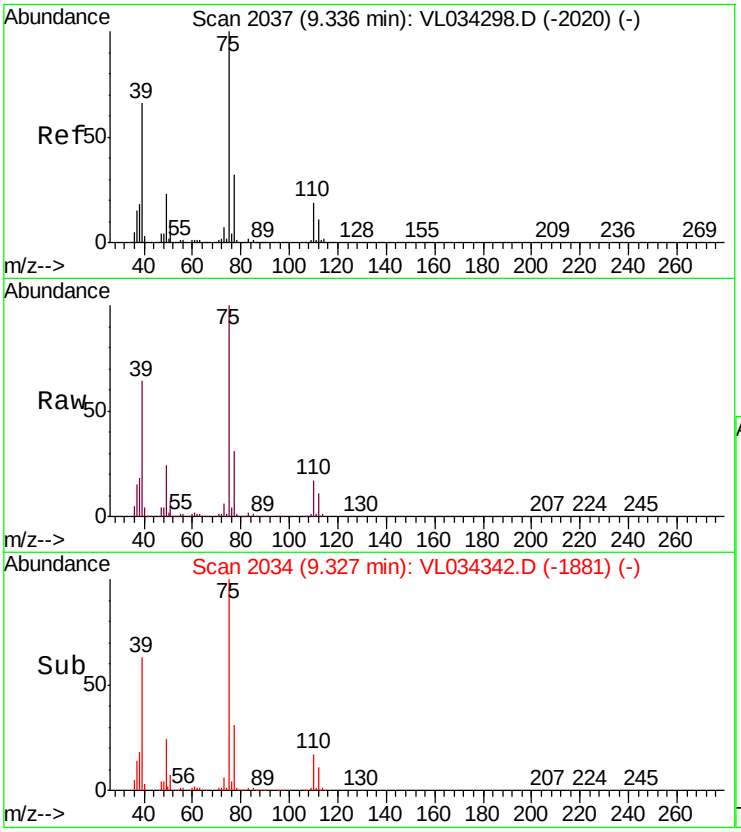


#44
2,2,4-Trimethylpentane
Concen: 8.770 ppbv
RT: 7.91 min Scan# 1592
Delta R.T. -0.01 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Tgt Ion: 57 Resp: 3491286

Ion	Ratio	Lower	Upper
57	100		
41	35.8	29.3	43.9
56	32.1	25.3	37.9



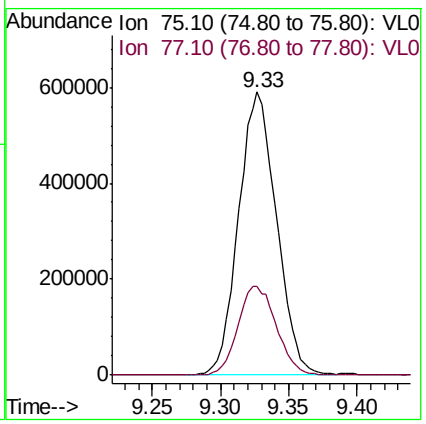


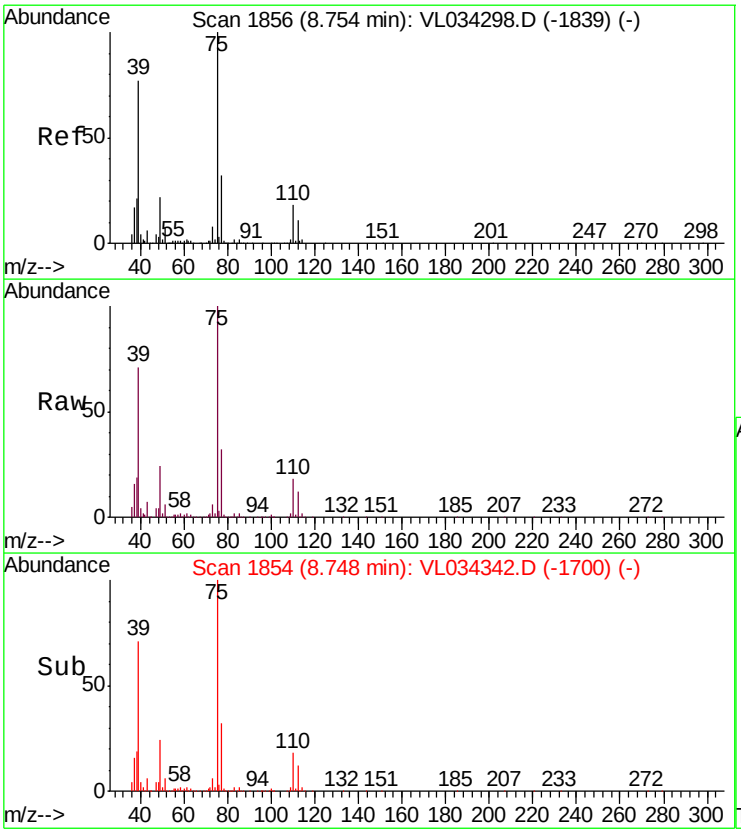
#45
t-1,3-Dichloropropene
Concen: 10.520 ppbv
RT: 9.33 min Scan# 2034
Delta R.T. -0.01 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 75 Resp: 1140251

Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.6	38.4

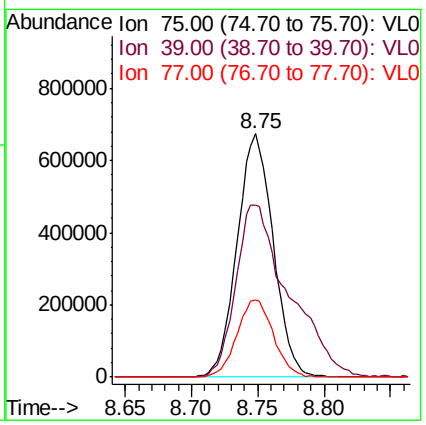


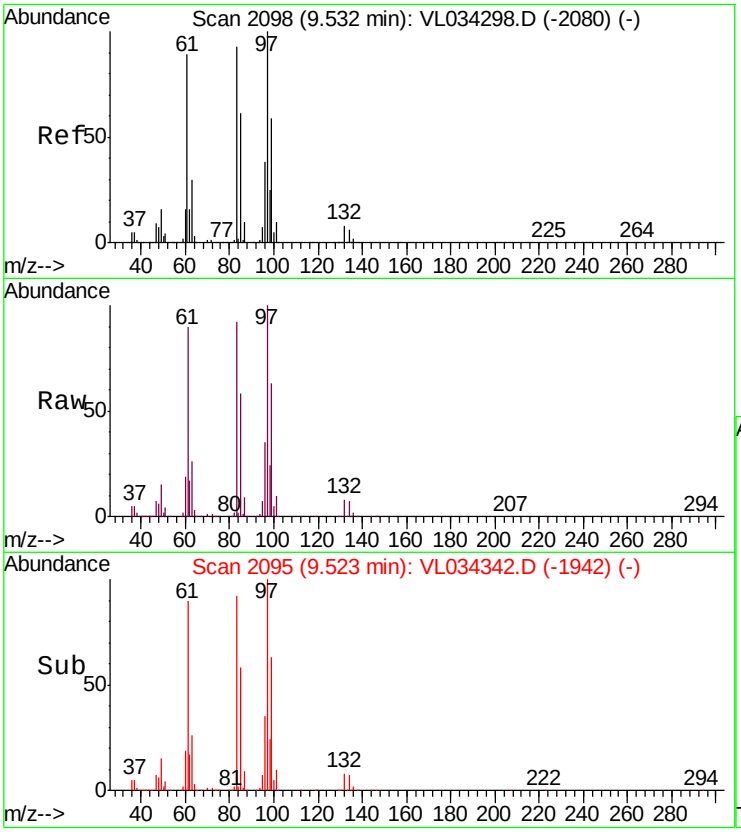


#46
cis-1,3-Dichloropropene
Concen: 10.248 ppbv
RT: 8.75 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Tgt Ion: 75 Resp: 1276022

Ion	Ratio	Lower	Upper
75	100		
39	70.6	61.2	91.8
77	31.6	25.9	38.9



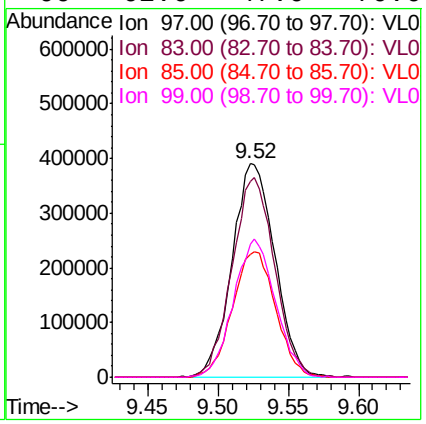


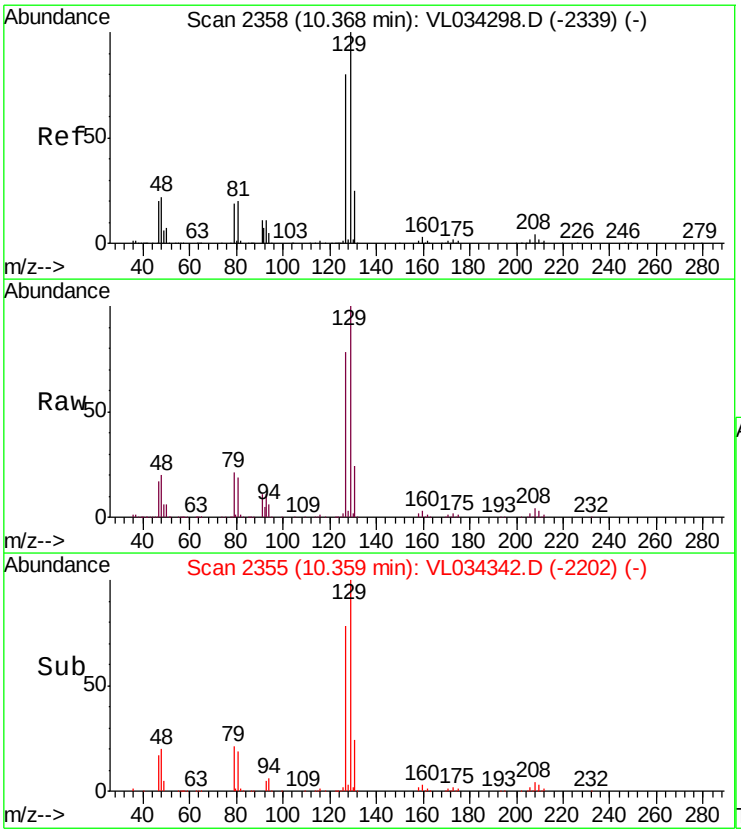
#47
1,1,2-Trichloroethane
Concen: 8.817 ppbv
RT: 9.52 min Scan# 2095
Delta R.T. -0.01 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 97 Resp: 827124

Ion	Ratio	Lower	Upper
97	100		
83	91.9	74.2	111.2
85	57.9	48.6	73.0
99	62.6	47.0	70.6

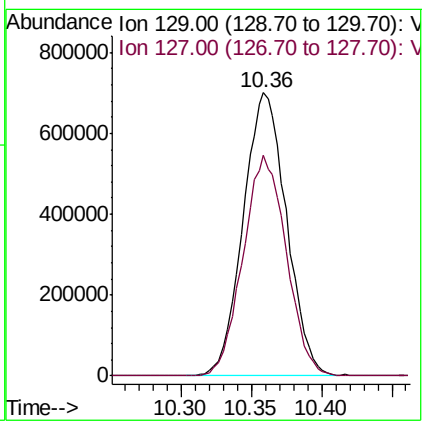


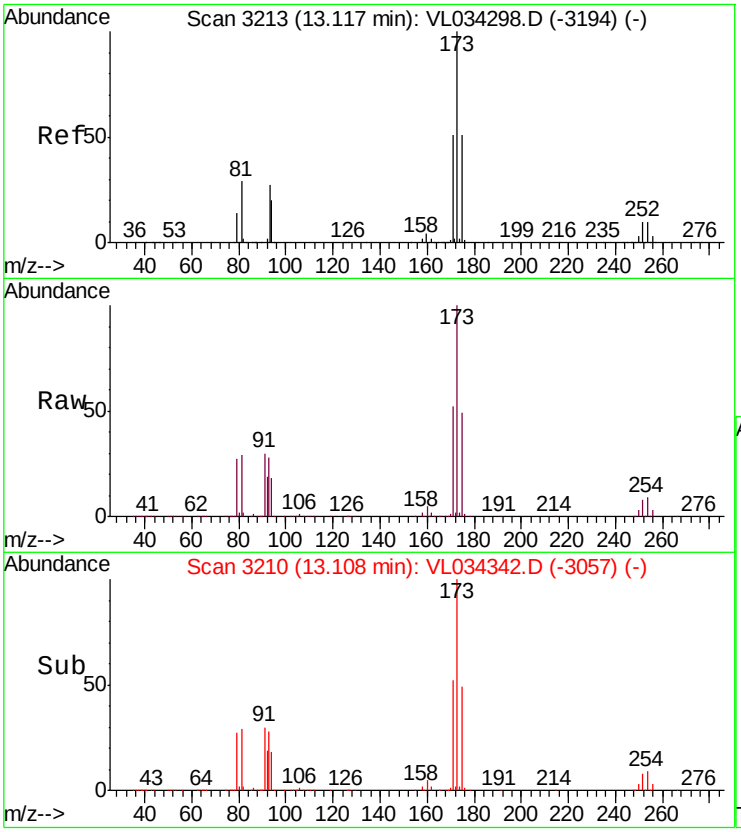


#48
Dibromochloromethane
Concen: 9.757 ppbv
RT: 10.36 min Scan# 2355
Delta R.T. -0.01 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Tgt Ion:129 Resp: 1501557

Ion	Ratio	Lower	Upper
129	100		
127	78.0	39.7	119.1



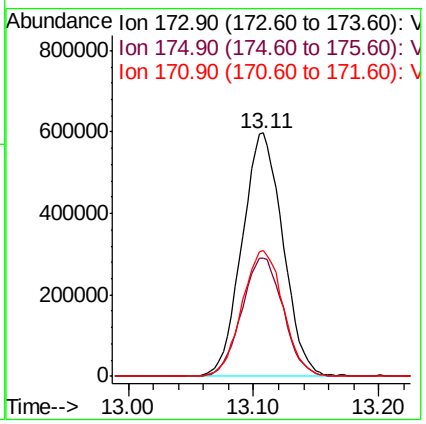


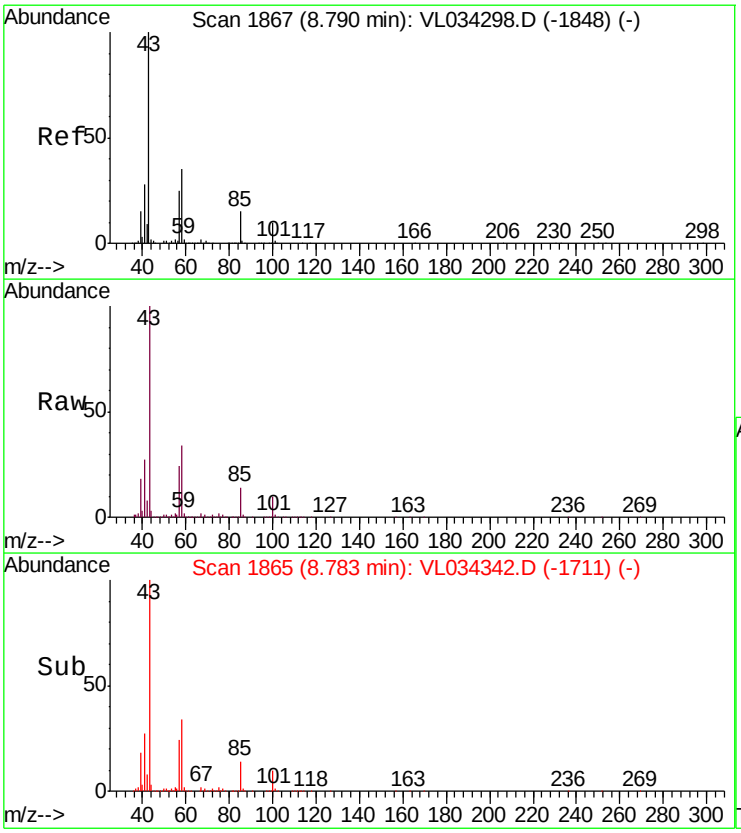
#49
Bromoform
Concen: 9.927 ppbv
RT: 13.11 min Scan# 3210
Delta R.T. -0.01 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 1353690

Ion	Ratio	Lower	Upper
173	100		
175	49.5	39.8	59.6
171	52.0	41.8	62.6

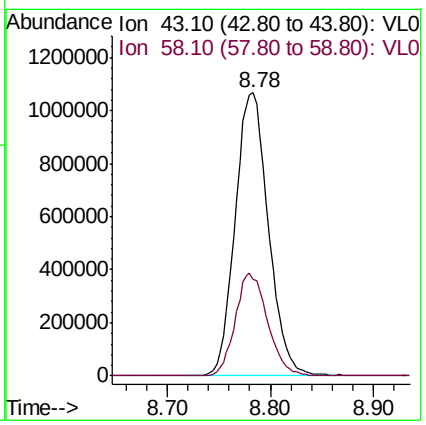


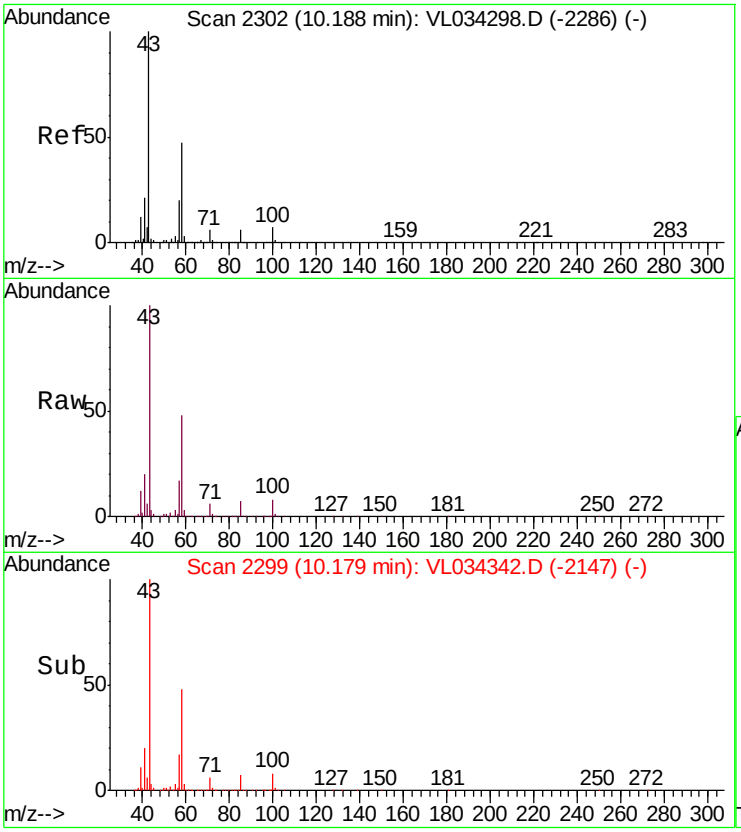


#50
4-Methyl-2-Pentanone
Concen: 9.110 ppbv
RT: 8.78 min Scan# 1865
Delta R.T. -0.01 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Tgt Ion: 43 Resp: 2389662

Ion	Ratio	Lower	Upper
43	100		
58	35.4	27.6	41.4



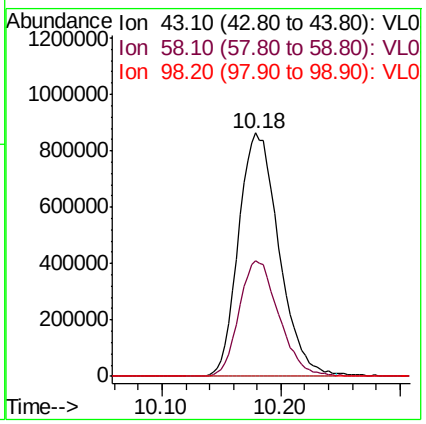


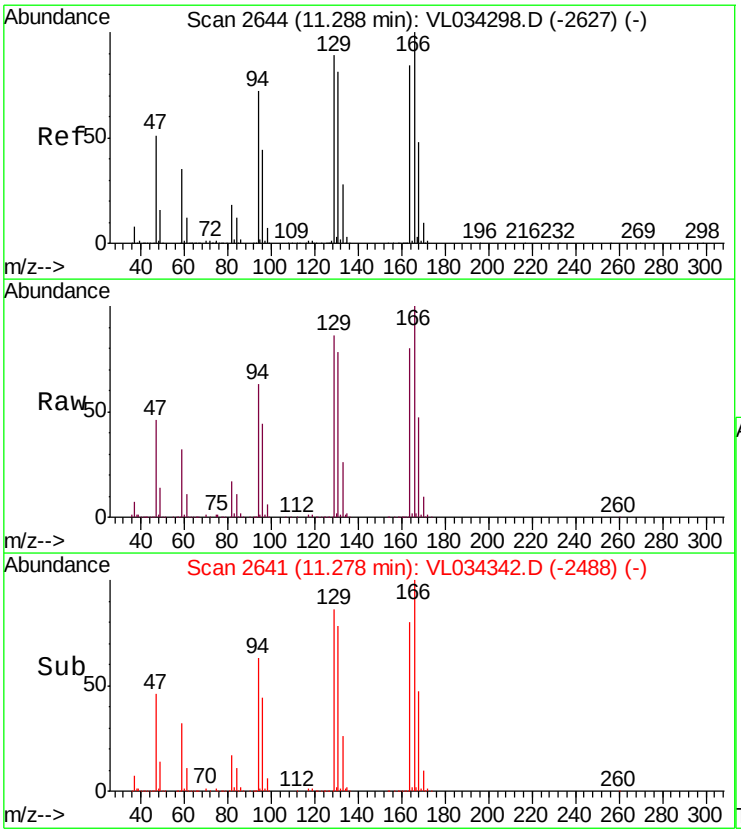
#51
2-Hexanone
Concen: 9.421 ppbv
RT: 10.18 min Scan# 2299
Delta R.T. -0.01 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 43 Resp: 2025933

Ion	Ratio	Lower	Upper
43	100		
58	46.7	37.0	55.6
98	0.1	0.2	0.2#

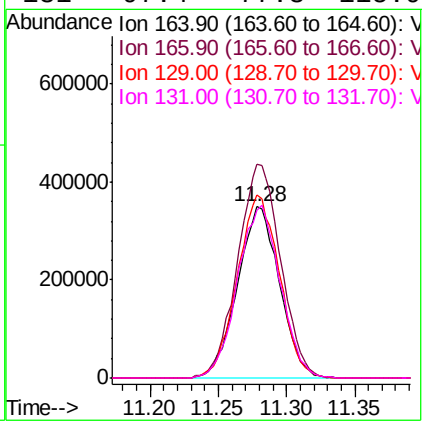


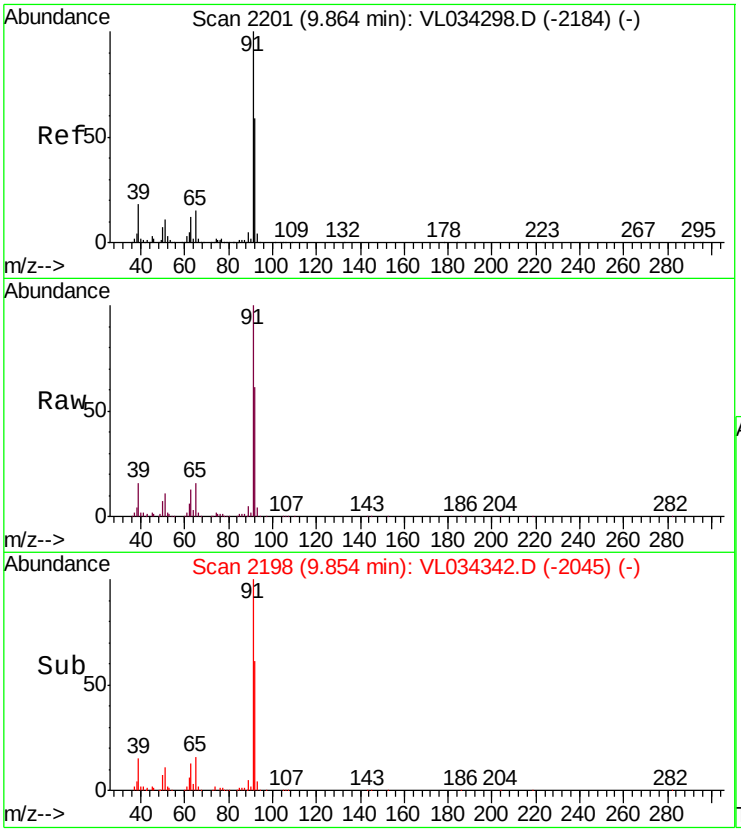


#52
Tetrachloroethene
Concen: 8.863 ppbv
RT: 11.28 min Scan# 2641
Delta R.T. -0.01 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Tgt Ion:164 Resp: 747218

Ion	Ratio	Lower	Upper
164	100		
166	124.5	95.3	142.9
129	106.7	84.5	126.7
131	97.4	77.3	115.9



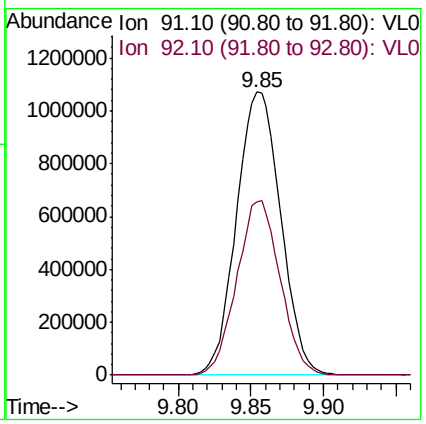


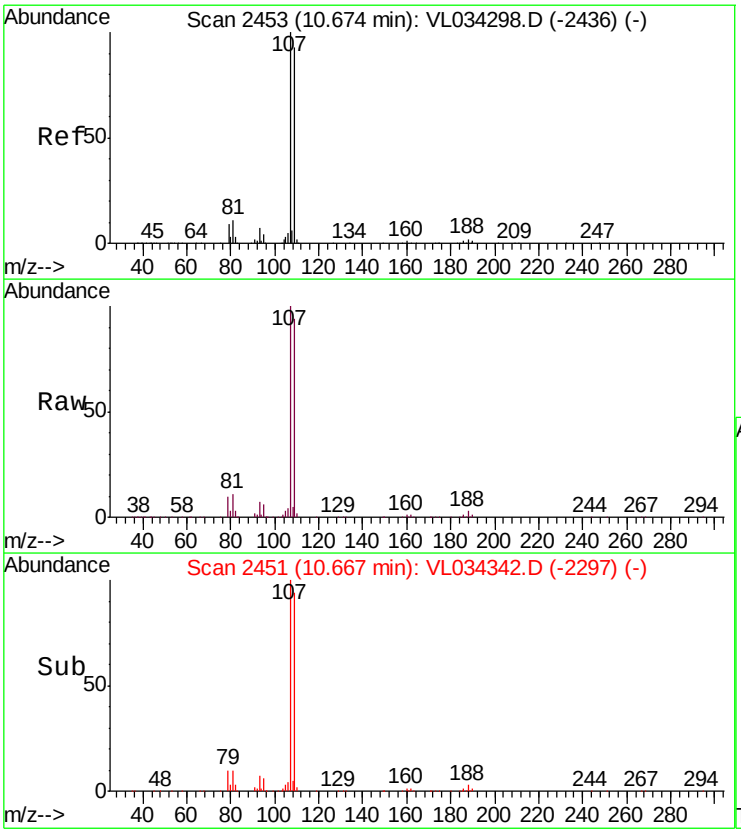
#53
Toluene
Concen: 9.576 ppbv
RT: 9.85 min Scan# 2198
Delta R.T. -0.01 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2273084

Ion	Ratio	Lower	Upper
91	100		
92	60.4	48.4	72.6

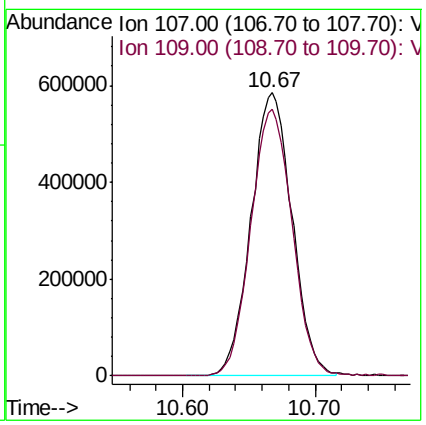


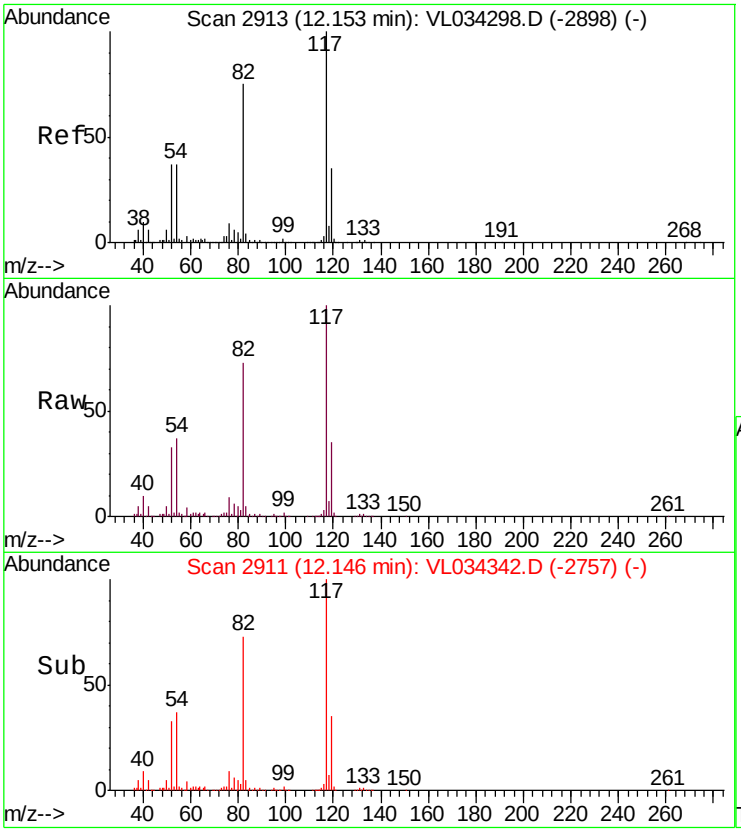


#54
1,2-Dibromoethane
Concen: 9.049 ppbv
RT: 10.67 min Scan# 2451
Delta R.T. -0.01 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Tgt Ion:107 Resp: 1258179

Ion	Ratio	Lower	Upper
107	100		
109	94.2	74.6	112.0



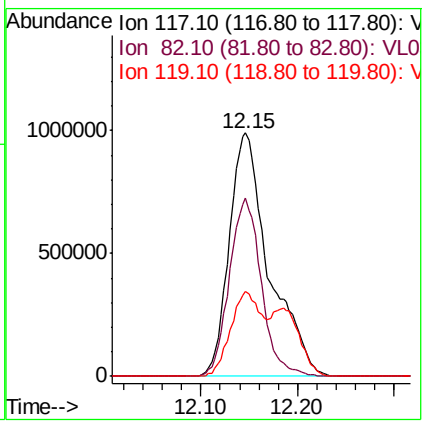


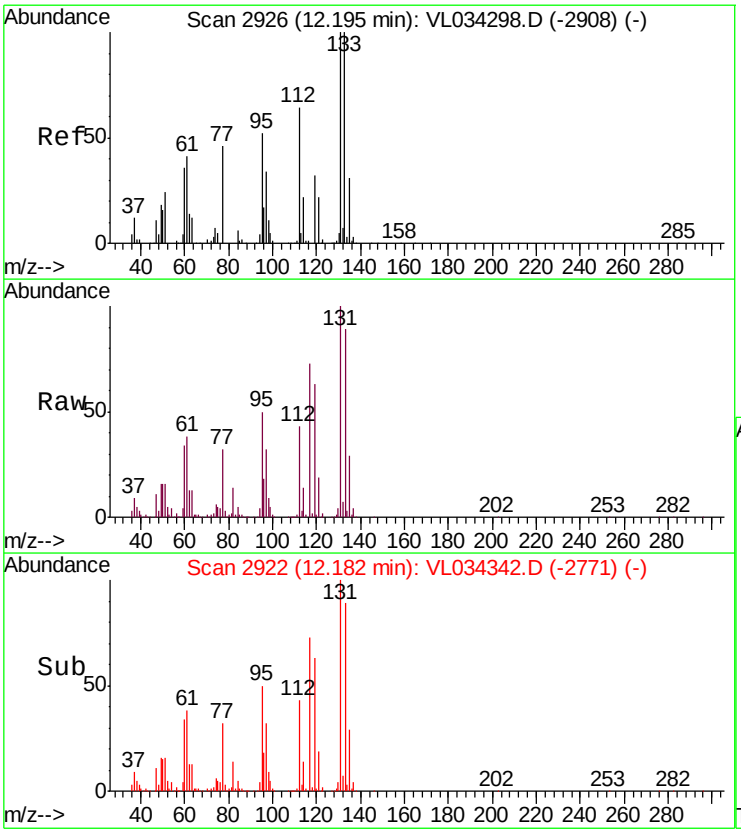
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.15 min Scan# 2911
Delta R.T. -0.01 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 2837621

Ion	Ratio	Lower	Upper
117	100		
82	58.8	55.5	83.3
119	27.6	26.5	39.7

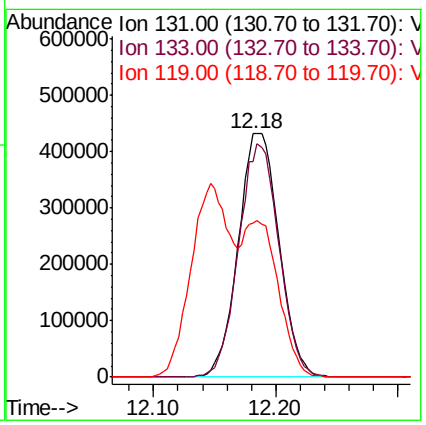


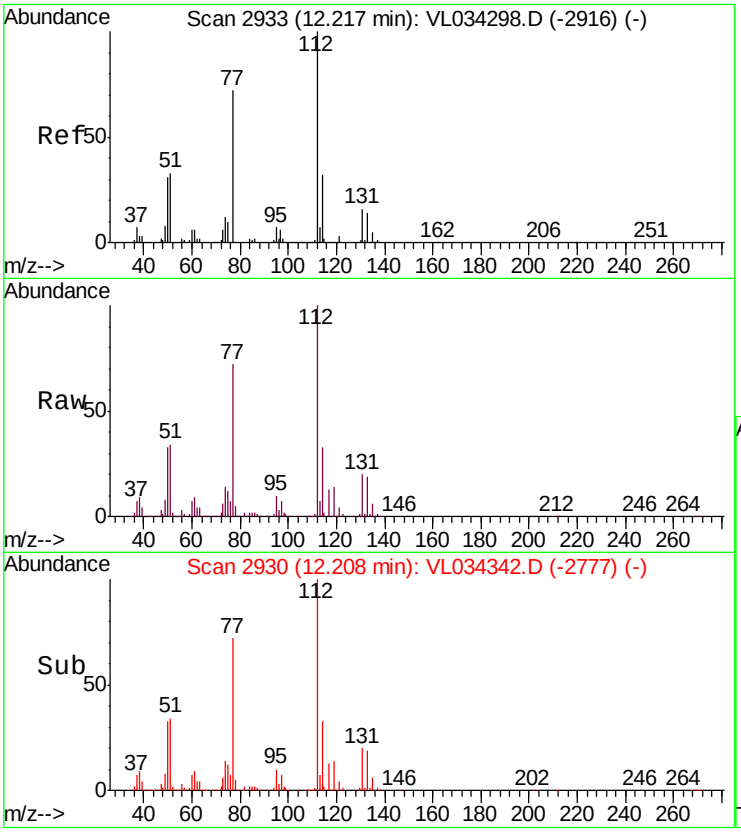


#56
1,1,1,2-Tetrachloroethane
Concen: 7.616 ppbv
RT: 12.18 min Scan# 2922
Delta R.T. -0.01 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Tgt Ion:131 Resp: 995943

Ion	Ratio	Lower	Upper
131	100		
133	94.9	77.1	115.7
119	52.0	49.0	73.4



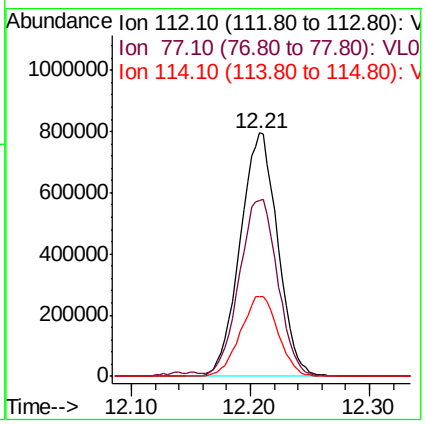


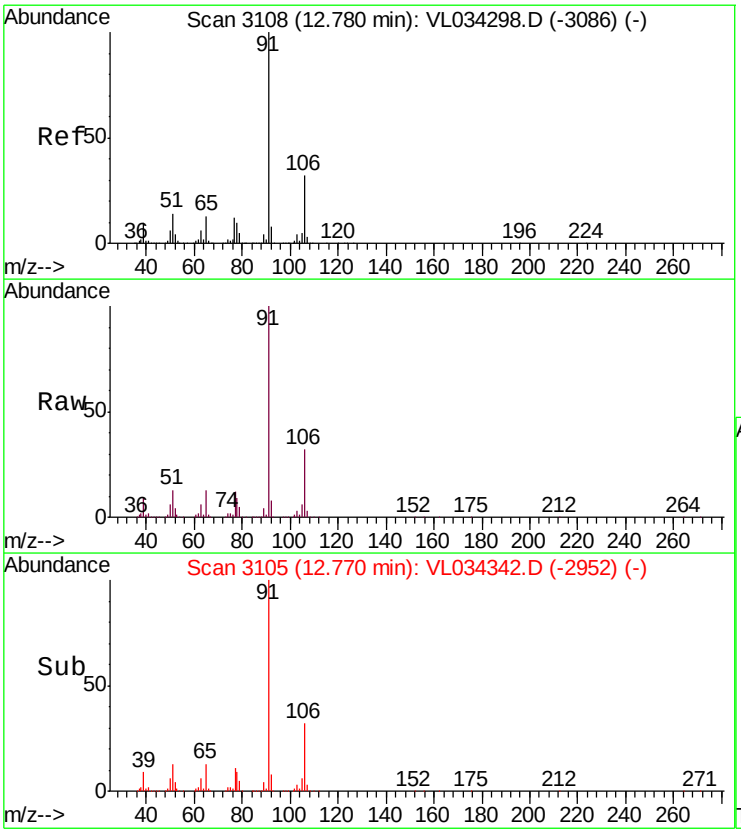
#57
Chlorobenzene
Concen: 7.330 ppbv
RT: 12.21 min Scan# 2930
Delta R.T. -0.01 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 1735154

Ion	Ratio	Lower	Upper
112	100		
77	72.2	58.6	88.0
114	32.5	28.6	35.0

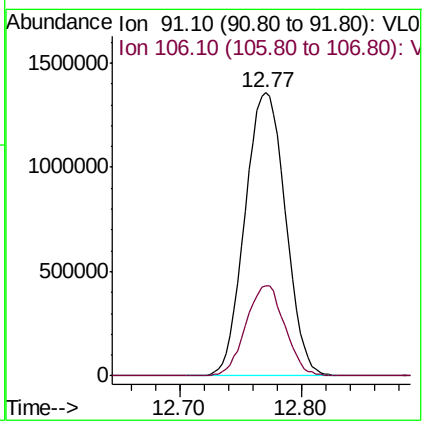


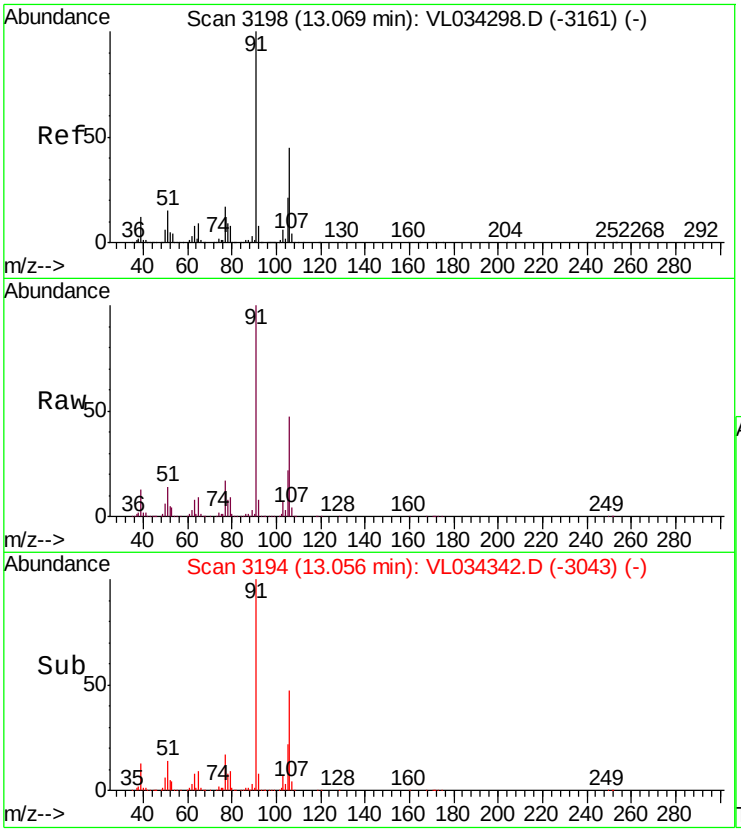


#58
Ethyl Benzene
Concen: 7.863 ppbv
RT: 12.77 min Scan# 3105
Delta R.T. -0.01 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Tgt Ion: 91 Resp: 3119163

Ion	Ratio	Lower	Upper
91	100		
106	31.7	25.3	37.9



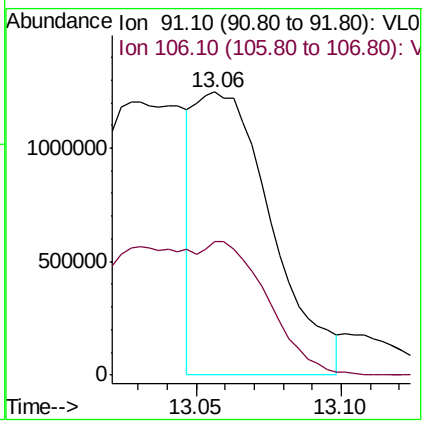


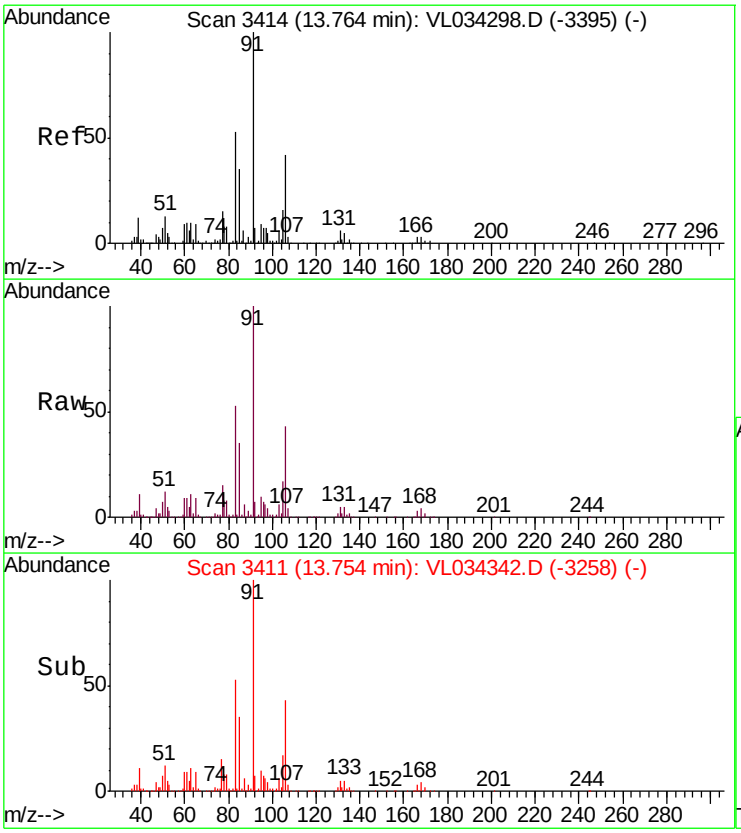
#59
m/p-Xylene
Concen: 6.636 ppbv
RT: 13.06 min Scan# 3194
Delta R.T. -0.01 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 91 Resp: 2280575

Ion	Ratio	Lower	Upper
91	100		
106	100.9	35.4	53.2#





#60
o-Xylene
Concen: 7.546 ppbv
RT: 13.75 min Scan# 3411
Delta R.T. -0.01 min
Lab File: VL034342.D
Acq: 24 Oct 2019 9:50

Tgt Ion: 91 Resp: 2582418

Ion	Ratio	Lower	Upper
91	100		
106	42.1	21.6	64.6