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

Quantitation Report (Not Reviewed)

Data File : VL034120.D
Acq On : 5 Sep 2019 2:28
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Sep 05 09:52:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL090519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 05 09:42:59 2019
QLast Update : Thu Sep 05 09:42:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.71	49	1194254	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.24	114	2282602	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.18	117	2522152	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.51	95	1982503	9.61	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.04	85	1835261	9.317	ppbv	100
3) Chlorodifluoromethane	2.98	51	1208011	9.074	ppbv	100
4) Chloromethane	3.13	50	778624	9.356	ppbv	100
5) Vinyl Chloride	3.25	62	682798	9.007	ppbv	100
6) Bromomethane	3.47	94	356152	9.519	ppbv	100
7) Chloroethane	3.56	64	244108	9.452	ppbv	100
8) Dichlorotetrafluoroethane	3.18	85	1430034	9.019	ppbv	100
9) Propene	3.00	41	693189	9.307	ppbv	100
10) Heptane	8.19	43	1767670	9.145	ppbv	100
11) Trichlorofluoromethane	3.96	101	1468295	9.140	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.50	101	1000181	9.306	ppbv	100
13) Ethanol	3.61	45	118693	7.043	ppbv	99
14) Bromoethene	3.74	108	441411	9.500	ppbv	100
15) Acetone	3.86	43	1251322	8.694	ppbv	100
16) 1,3-Butadiene	3.32	39	684976	9.397	ppbv	100
17) tert-Butyl alcohol	4.31	59	987061	9.447	ppbv	100
18) 1,1-Dichloroethene	4.30	96	472763	9.641	ppbv	100
19) Isopropyl Alcohol	3.98	45	853772	8.815	ppbv	100
20) Methylene Chloride	4.36	84	417784	8.779	ppbv	100
21) Allyl Chloride	4.43	41	910738	9.598	ppbv	100
22) trans-1,2-Dichloroethene	4.91	96	464801	9.457	ppbv	100
23) Vinyl Acetate	5.11	43	2320161	9.501	ppbv	100
24) 1,1-Dichloroethane	5.04	63	1478676	9.124	ppbv	100
25) Ethyl Acetate	5.72	43	2748840	8.706	ppbv	100
26) Hexane	5.73	57	1174262	8.360	ppbv	99
27) Carbon Disulfide	4.57	76	1269813	10.042	ppbv	99
28) Methyl tert-Butyl Ether	5.06	73	1926897	9.362	ppbv	100
29) Chloroform	5.80	83	1728553	9.123	ppbv	100
30) Cyclohexane	7.19	84	959529	9.449	ppbv	100
31) cis-1,2-Dichloroethene	5.59	61	1270089	9.442	ppbv	100
32) 1,1,1-Trichloroethane	6.57	97	1648697	9.264	ppbv	100
34) 2-Butanone	5.28	43	1951601	8.893	ppbv	100
35) Carbon Tetrachloride	7.08	117	1595258	9.039	ppbv	100
36) Benzene	6.95	78	2356519	9.032	ppbv	100
37) 1,2-Dichloroethane	6.36	62	1434486	8.973	ppbv	100
38) Trichloroethene	7.90	130	767706	7.956	ppbv	100
39) 1,2-Dichloropropane	7.68	63	1003878	8.986	ppbv	100
40) 1,4-Dioxane	7.89	88	317470	7.705	ppbv #	100
41) Tetrahydrofuran	6.09	42	1214338	9.269	ppbv	100
42) Bromodichloromethane	7.86	83	1942038	9.310	ppbv	100
43) Methyl Methacrylate	8.08	69	1021848	9.507	ppbv	100

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

Quantitation Report (Not Reviewed)

Data File : VL034120.D
Acq On : 5 Sep 2019 2:28
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Sep 05 09:52:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL090519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 05 09:42:59 2019
QLast Update : Thu Sep 05 09:42:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.93	57	4038280	8.395	ppbv		100
45) t-1,3-Dichloropropene	9.36	75	1341730	10.635	ppbv		100
46) cis-1,3-Dichloropropene	8.78	75	1504706	9.790	ppbv		100
47) 1,1,2-Trichloroethane	9.55	97	924538	9.099	ppbv		100
48) Dibromochloromethane	10.39	129	1458819	9.611	ppbv		100
49) Bromoform	13.14	173	1283195	9.655	ppbv		100
50) 4-Methyl-2-Pentanone	8.81	43	2863394	8.551	ppbv		100
51) 2-Hexanone	10.21	43	2512655	8.769	ppbv		100
52) Tetrachloroethene	11.31	164	743452	8.142	ppbv		100
53) Toluene	9.89	91	2603013	9.021	ppbv		100
54) 1,2-Dibromoethane	10.70	107	1371990	9.079	ppbv		100
56) 1,1,1,2-Tetrachloroethane	12.22	131	947332	8.757	ppbv		100
57) Chlorobenzene	12.24	112	1804870	8.319	ppbv		100
58) Ethyl Benzene	12.80	91	3458827	8.372	ppbv		100
59) m/p-Xylene	13.08	91	2696489	8.012	ppbv	#	26
60) o-Xylene	13.79	91	2754303	8.197	ppbv		100
61) Styrene	13.62	104	2189595	8.720	ppbv		100
62) Isopropylbenzene	14.77	105	3561220	8.148	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.77	83	1975098	7.186	ppbv		100
64) n-propylbenzene	15.66	120	945437	8.509	ppbv		100
65) tert-Butylbenzene	16.85	119	2992726	7.950	ppbv		100
66) Benzyl Chloride	17.09	91	1647659	11.877	ppbv		100
67) sec-Butylbenzene	17.40	105	4272367	7.877	ppbv		100
69) p-Isopropyltoluene	17.75	119	3478668	8.029	ppbv		100
70) n-Butylbenzene	18.65	91	3864827	7.824	ppbv		100
71) 2-Chlorotoluene	15.55	91	2968382	8.311	ppbv		100
72) 4-Ethyltoluene	15.94	105	3179016	8.385	ppbv		100
73) 1,3,5-Trimethylbenzene	16.10	105	3025290	8.210	ppbv		100
74) 1,2,4-Trimethylbenzene	16.87	105	2969176	7.825	ppbv		100
75) 1,3-Dichlorobenzene	17.10	146	1620007	8.063	ppbv		100
76) 1,4-Dichlorobenzene	17.25	146	1701533	8.031	ppbv		100
77) 1,2-Dichlorobenzene	17.92	146	1657552	8.069	ppbv		100
78) Hexachloro-1,3-Butadiene	23.48	225	1091235	7.792	ppbv		100
79) Naphthalene	22.33	128	2913019	8.500	ppbv		100
80) Naphthalene,2-methyl-	25.06	142	1736816	14.587	ppbv		99
81) 1,2,4-Trichlorobenzene	22.05	180	1533850	8.219	ppbv		100

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

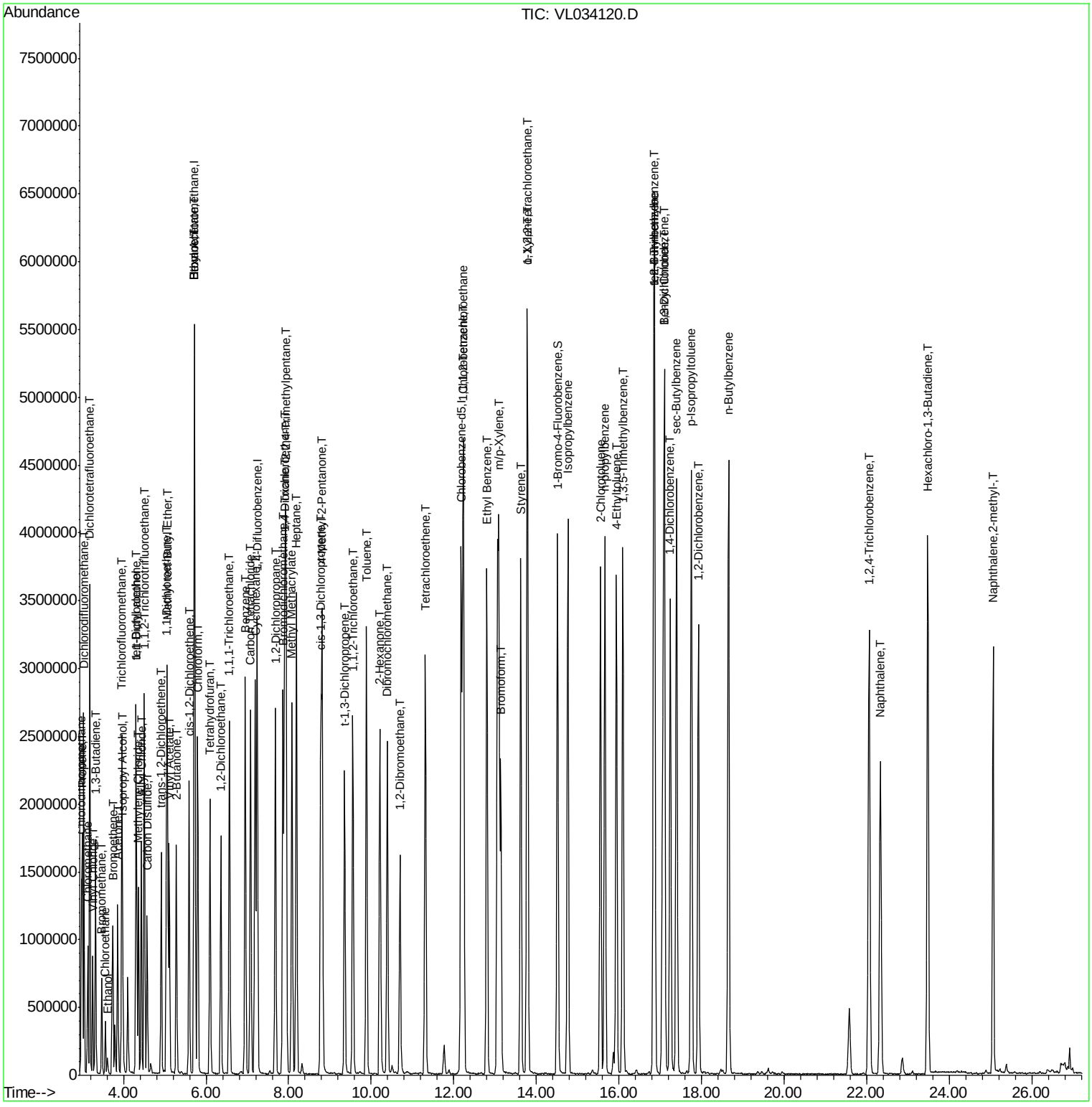
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090519\

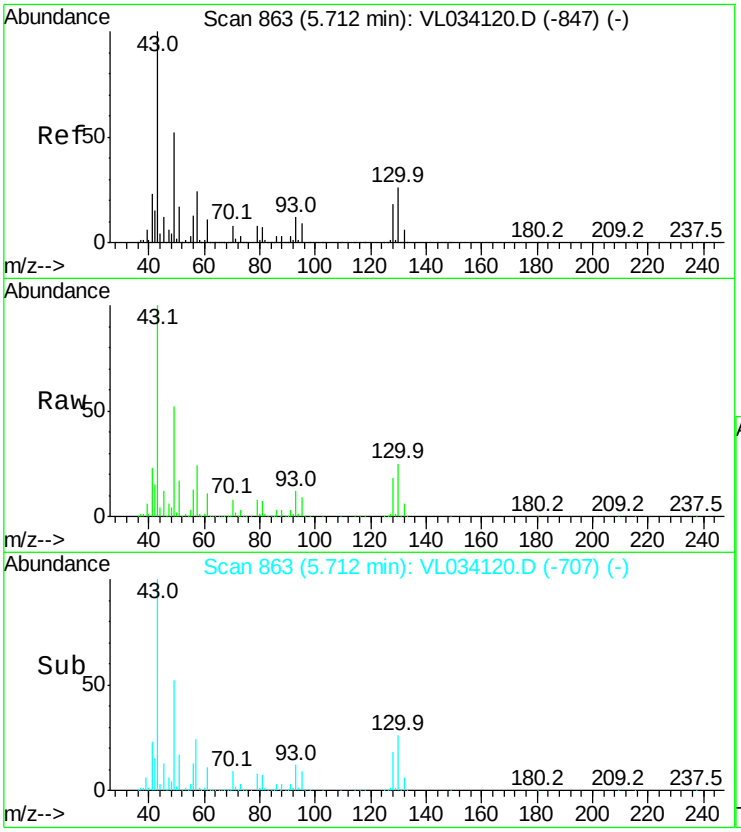
Quantitation Report (Not Reviewed)

Data File : VL034120.D
Acq On : 5 Sep 2019 2:28
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Sep 05 09:52:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL090519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 05 09:42:59 2019
QLast Update : Thu Sep 05 09:42:59 2019
Response via : Initial Calibration



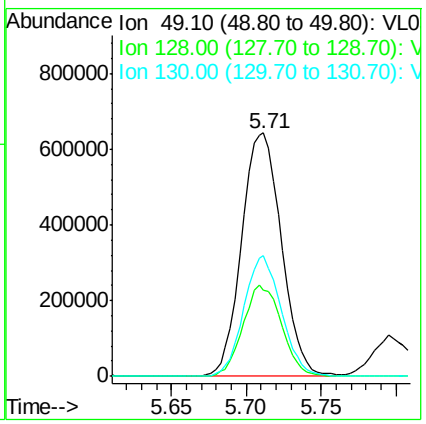


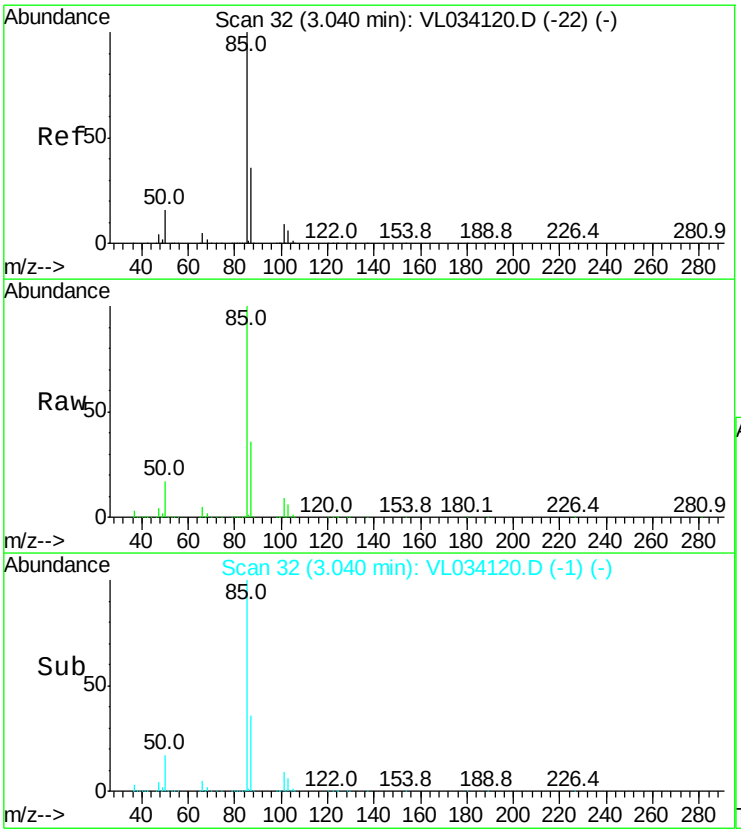
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.71 min Scan# 863
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 49 Resp: 1194254

Ion	Ratio	Lower	Upper
49	100		
128	36.5	18.4	55.0
130	47.0	23.5	70.6

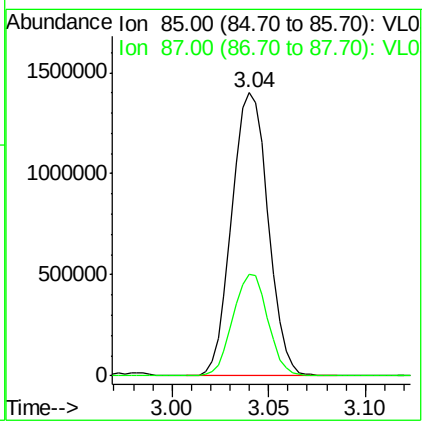


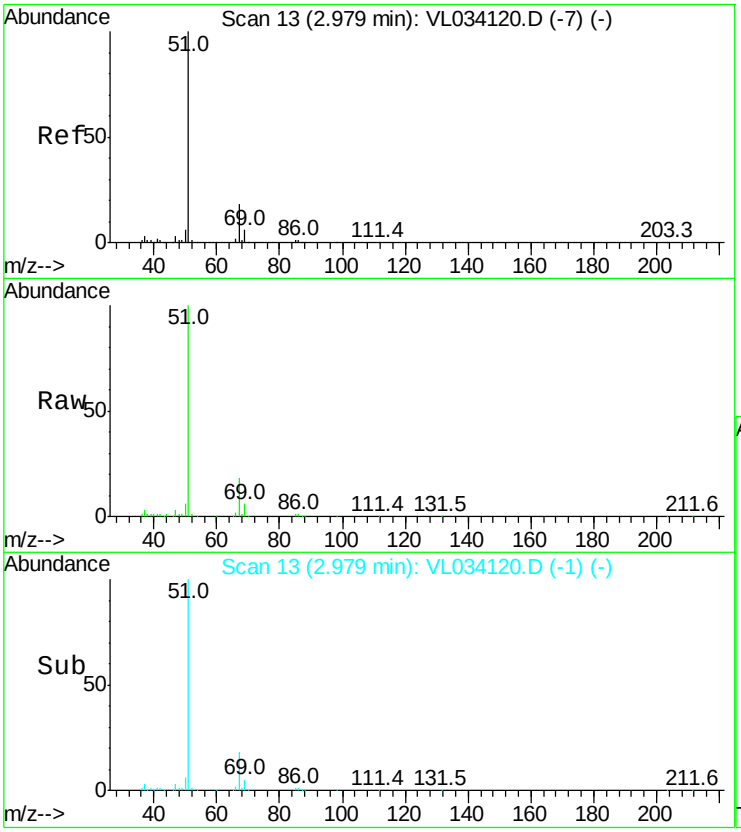


#2
Dichlorodifluoromethane
Concen: 9.317 ppbv
RT: 3.04 min Scan# 32
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Tgt Ion: 85 Resp: 1835261

Ion	Ratio	Lower	Upper
85	100		
87	35.8	28.6	43.0



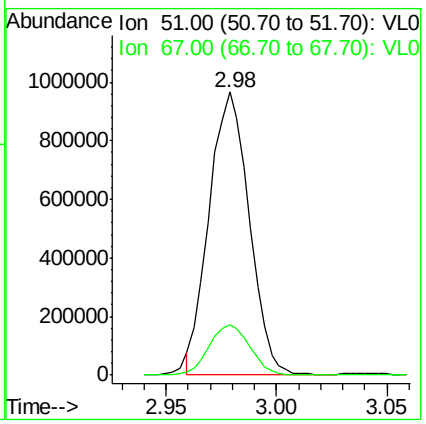


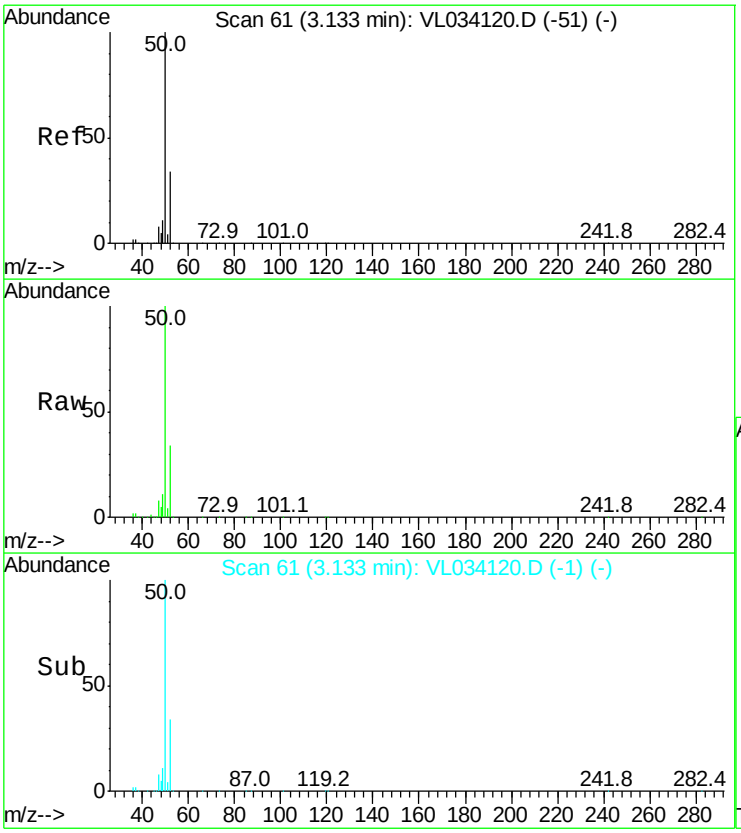
#3
Chlorodifluoromethane
Concen: 9.074 ppbv
RT: 2.98 min Scan# 13
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 51 Resp: 1208011

Ion	Ratio	Lower	Upper
51	100		
67	17.8	14.2	21.4

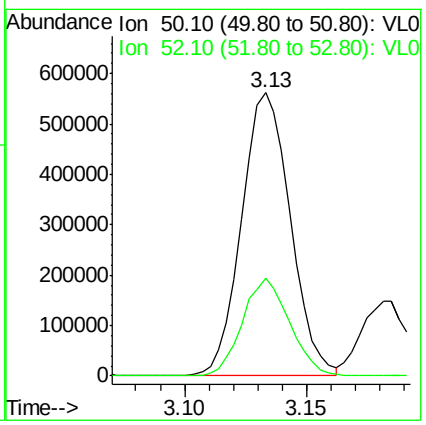


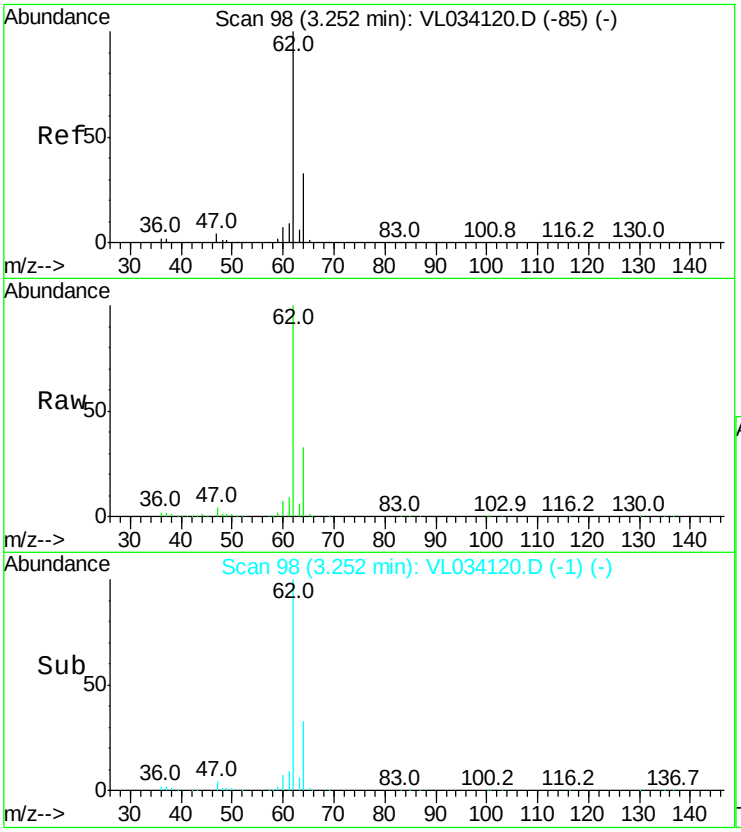


#4
Chloromethane
Concen: 9.356 ppbv
RT: 3.13 min Scan# 61
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Tgt Ion: 50 Resp: 778624

Ion	Ratio	Lower	Upper
50	100		
52	34.3	27.4	41.2



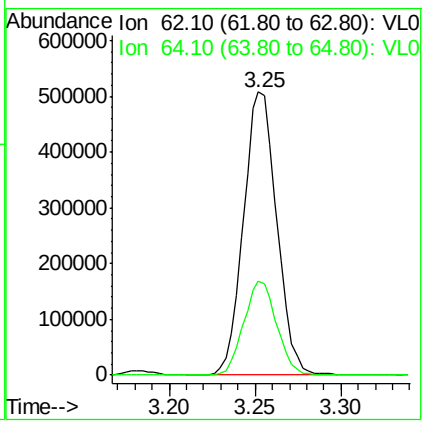


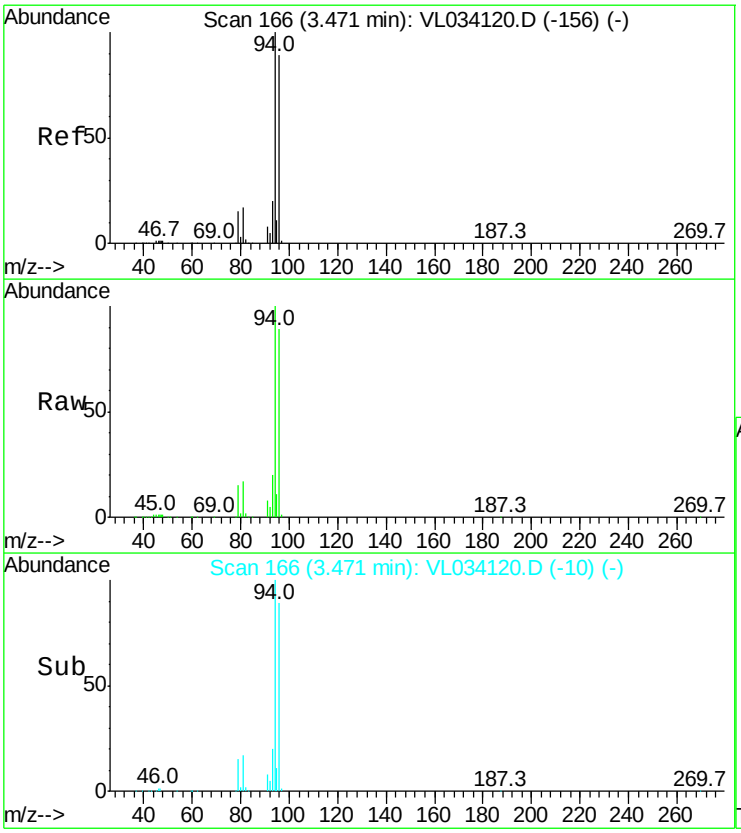
#5
Vinyl Chloride
Concen: 9.007 ppbv
RT: 3.25 min Scan# 98
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 62 Resp: 682798

Ion	Ratio	Lower	Upper
62	100		
64	33.2	26.6	39.8

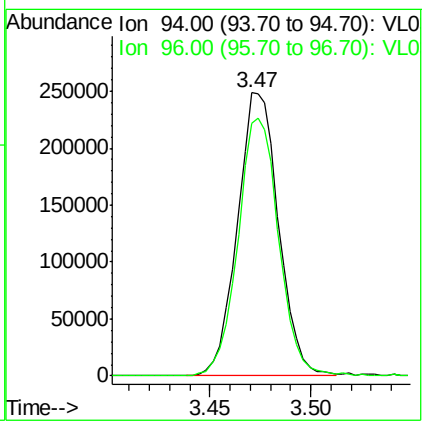


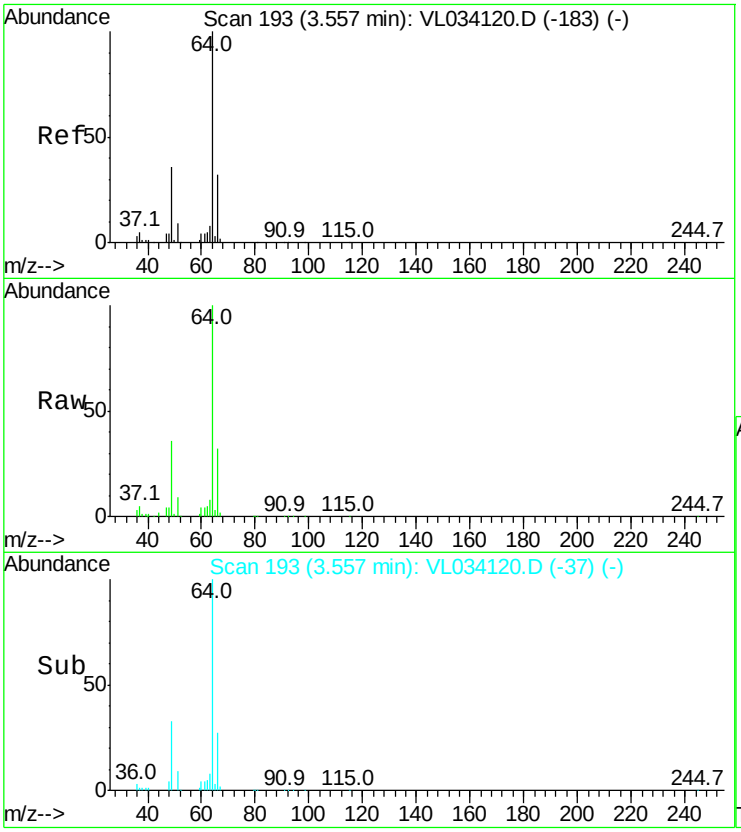


#6
Bromomethane
Concen: 9.519 ppbv
RT: 3.47 min Scan# 166
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Tgt Ion: 94 Resp: 356152

Ion	Ratio	Lower	Upper
94	100		
96	89.2	71.4	107.0



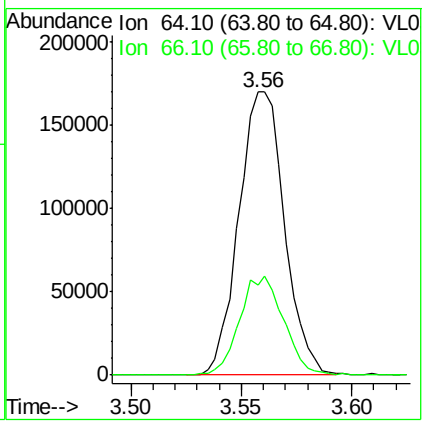


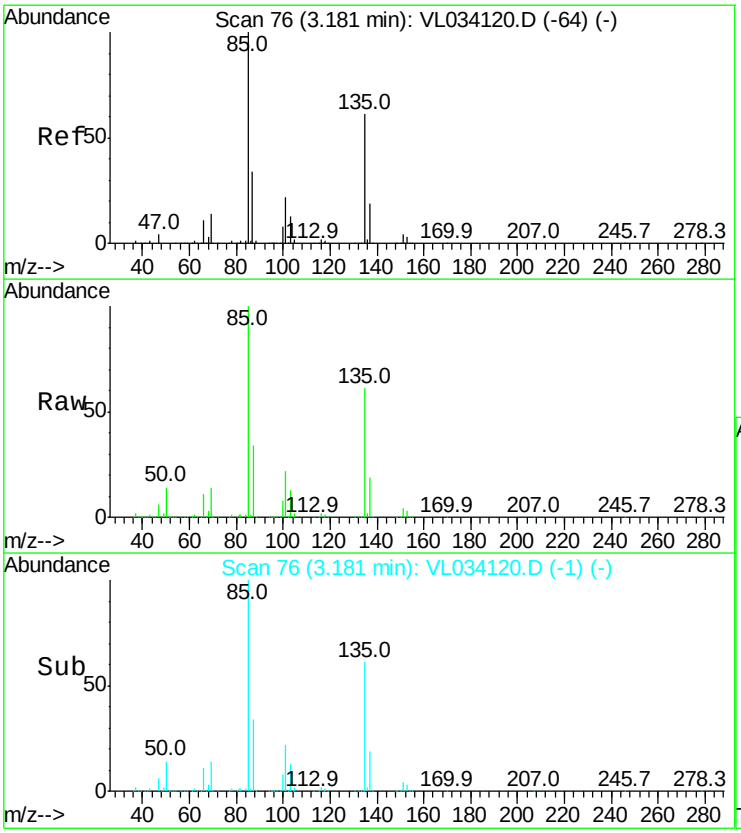
#7
Chloroethane
Concen: 9.452 ppbv
RT: 3.56 min Scan# 193
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 64 Resp: 244108

Ion	Ratio	Lower	Upper
64	100		
66	31.8	25.4	38.2

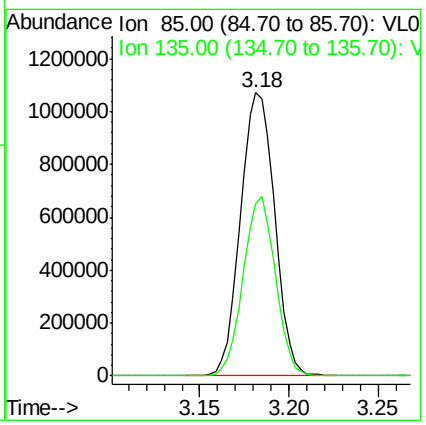


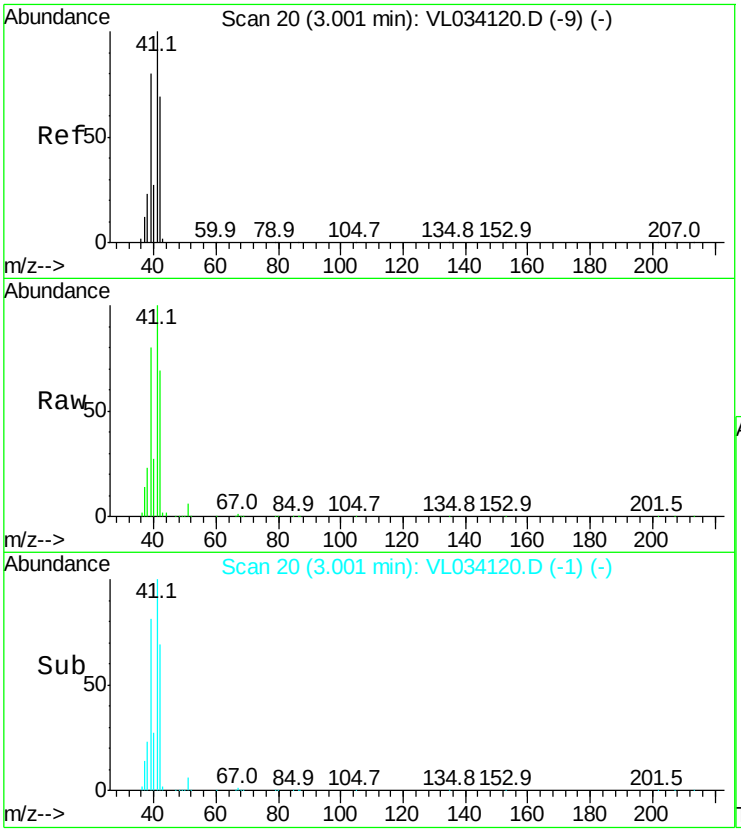


#8
Dichlorotetrafluoroethane
Concen: 9.019 ppbv
RT: 3.18 min Scan# 76
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Tgt Ion: 85 Resp: 1430034

Ion	Ratio	Lower	Upper
85	100		
135	60.0	48.0	72.0

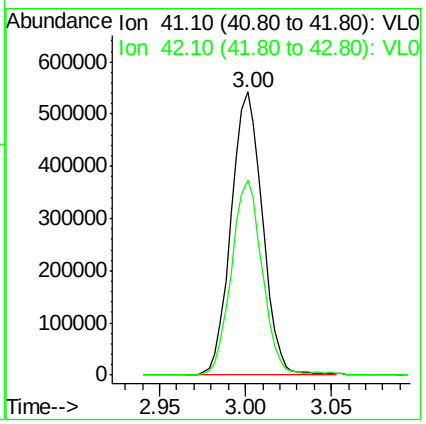




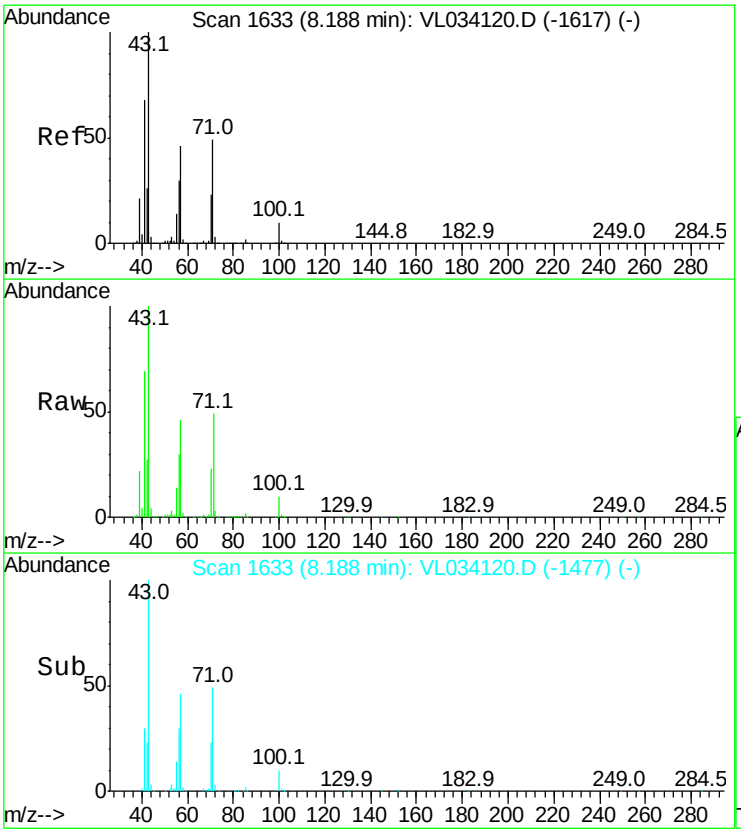
#9
Propene
Concen: 9.307 ppbv
RT: 3.00 min Scan# 20
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Tgt Ion: 41 Resp: 693189

Ion	Ratio	Lower	Upper
41	100		
42	68.2	54.6	81.8



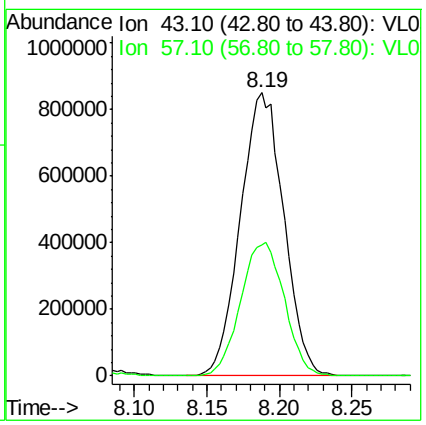
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

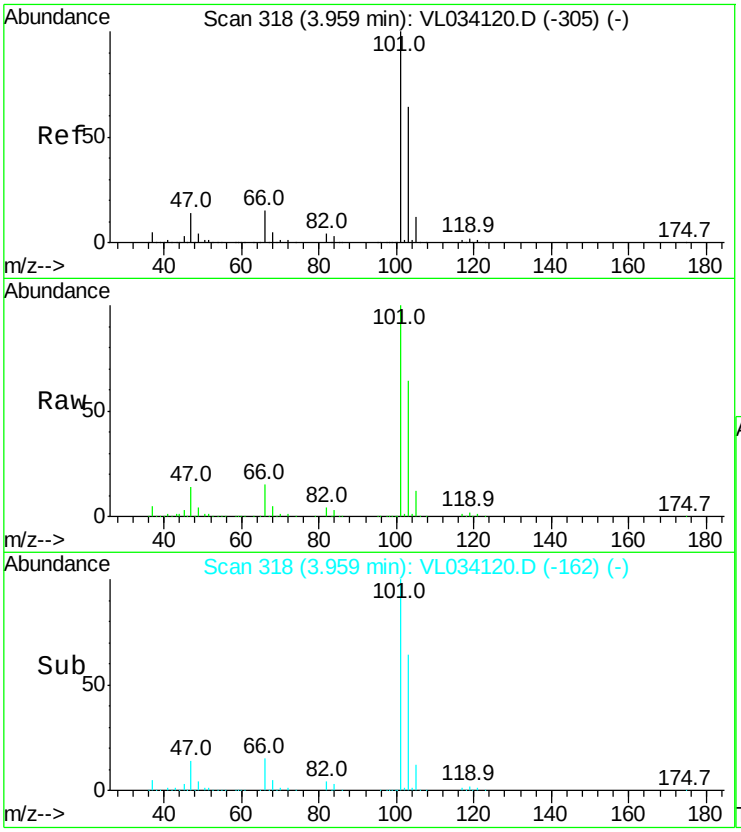


#10
Heptane
Concen: 9.145 ppbv
RT: 8.19 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Tgt Ion: 43 Resp: 1767670

Ion	Ratio	Lower	Upper
43	100		
57	47.6	38.1	57.1



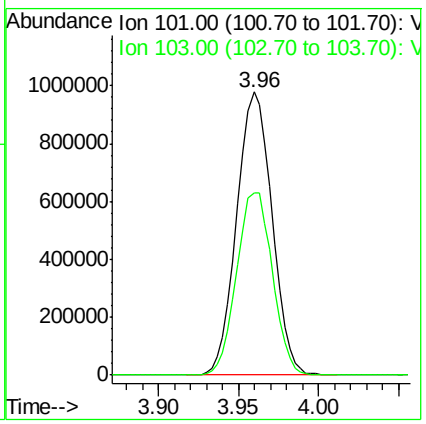


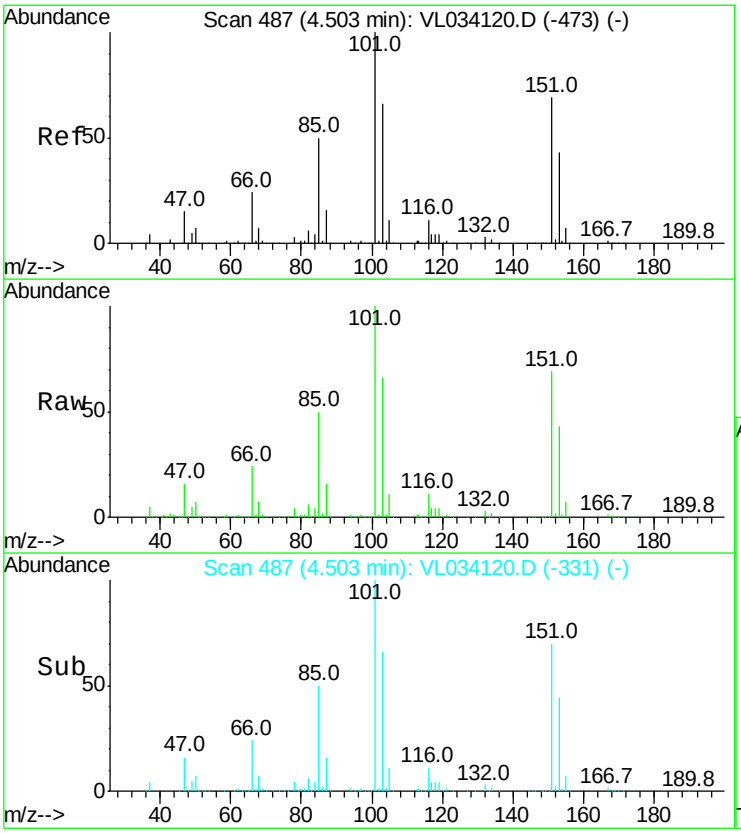
#11
Trichlorofluoromethane
Concen: 9.140 ppbv
RT: 3.96 min Scan# 318
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:101 Resp: 1468295

Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.4	77.2

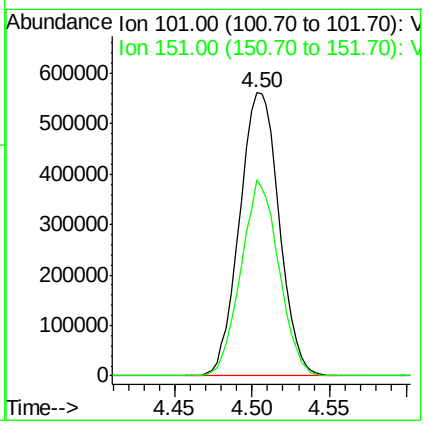


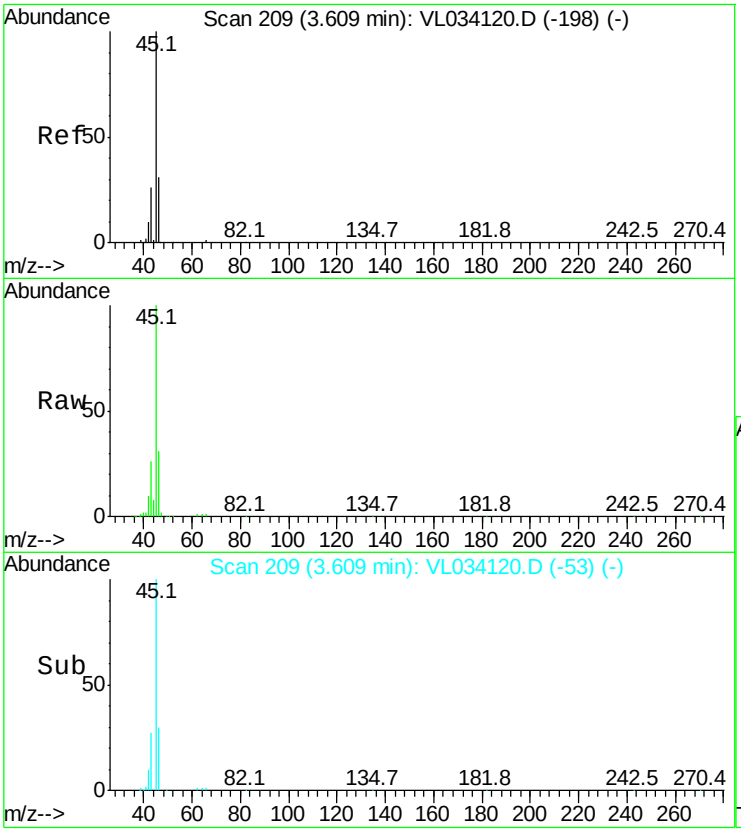


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.306 ppbv
RT: 4.50 min Scan# 487
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Tgt Ion:101 Resp: 1000181

Ion	Ratio	Lower	Upper
101	100		
151	66.4	53.0	79.6



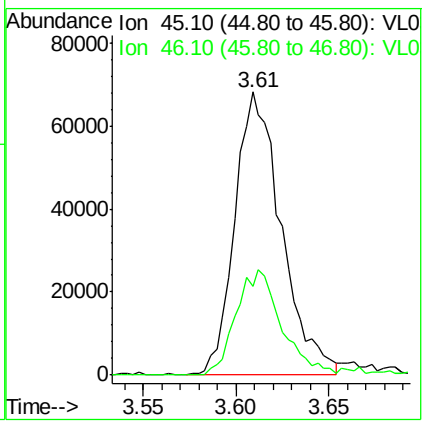


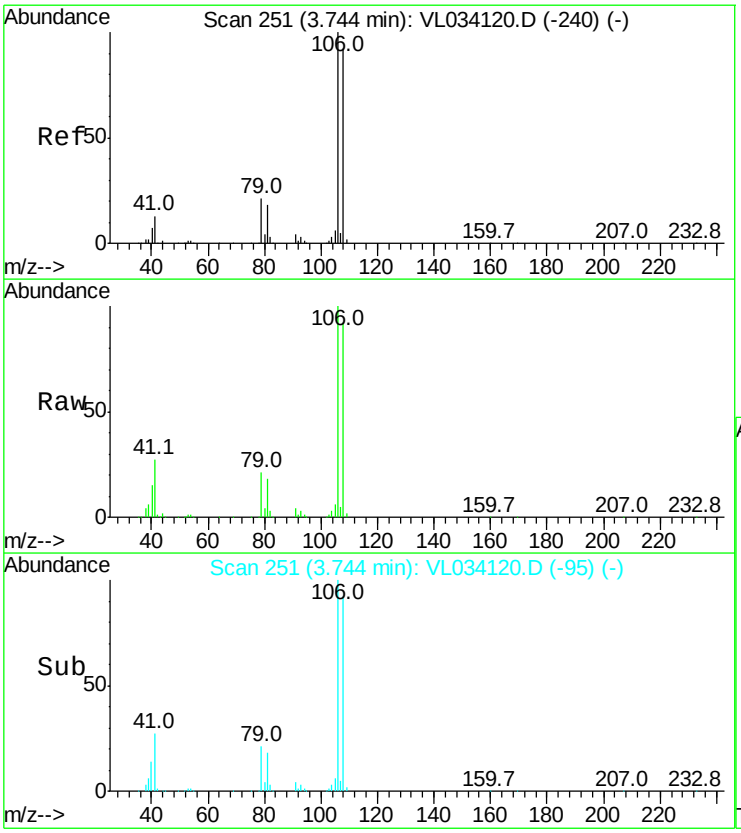
#13
Ethanol
Concen: 7.043 ppbv
RT: 3.61 min Scan# 209
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 118693

Ion	Ratio	Lower	Upper
45	100		
46	38.2	15.0	60.0

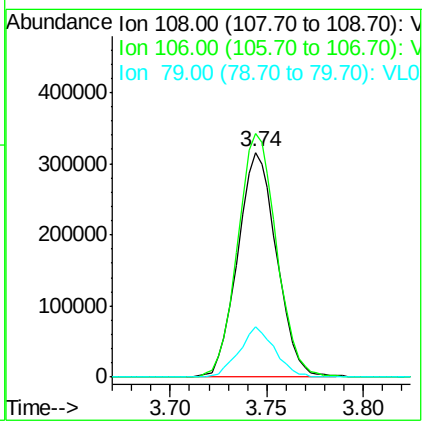


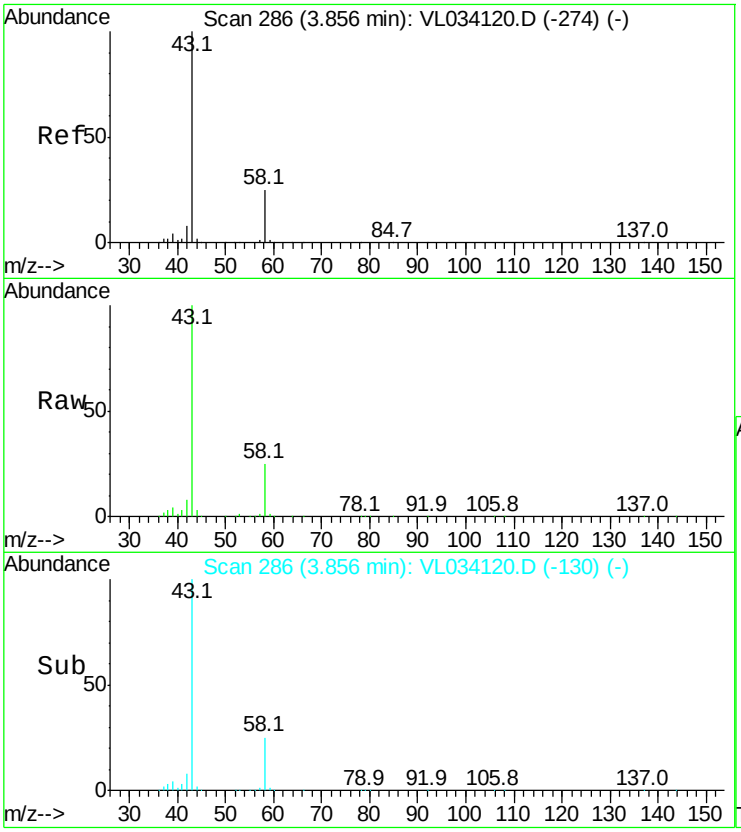


#14
Bromoethene
Concen: 9.500 ppbv
RT: 3.74 min Scan# 251
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Tgt Ion:108 Resp: 441411

Ion	Ratio	Lower	Upper
108	100		
106	108.6	87.2	130.8
79	20.6	16.5	24.7



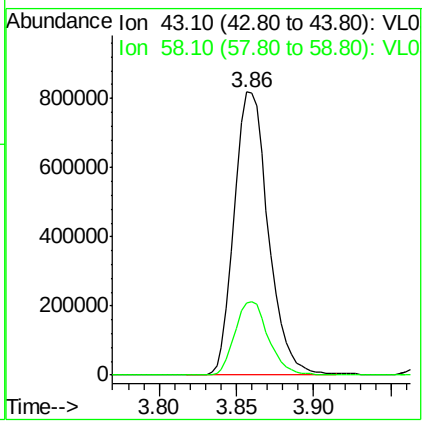


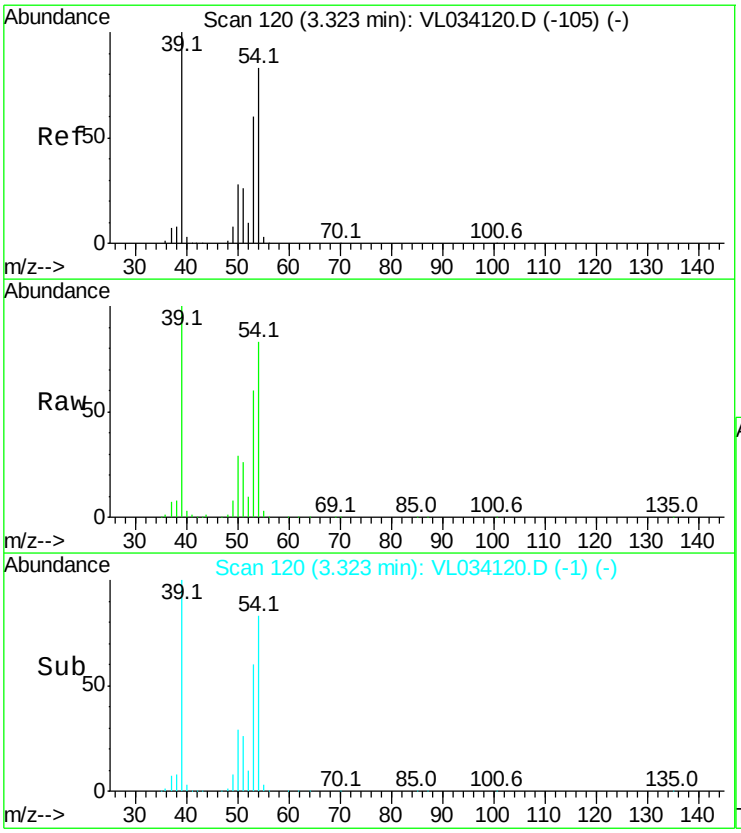
#15
Acetone
Concen: 8.694 ppbv
RT: 3.86 min Scan# 286
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 1251322

Ion	Ratio	Lower	Upper
43	100		
58	25.7	20.6	30.8

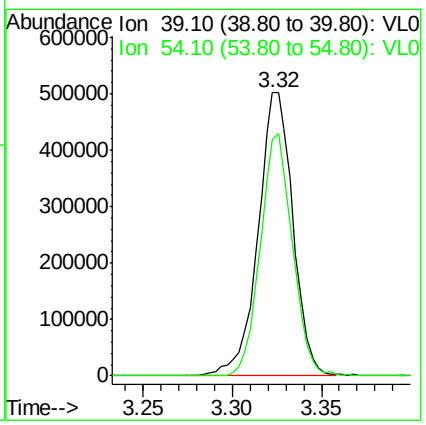


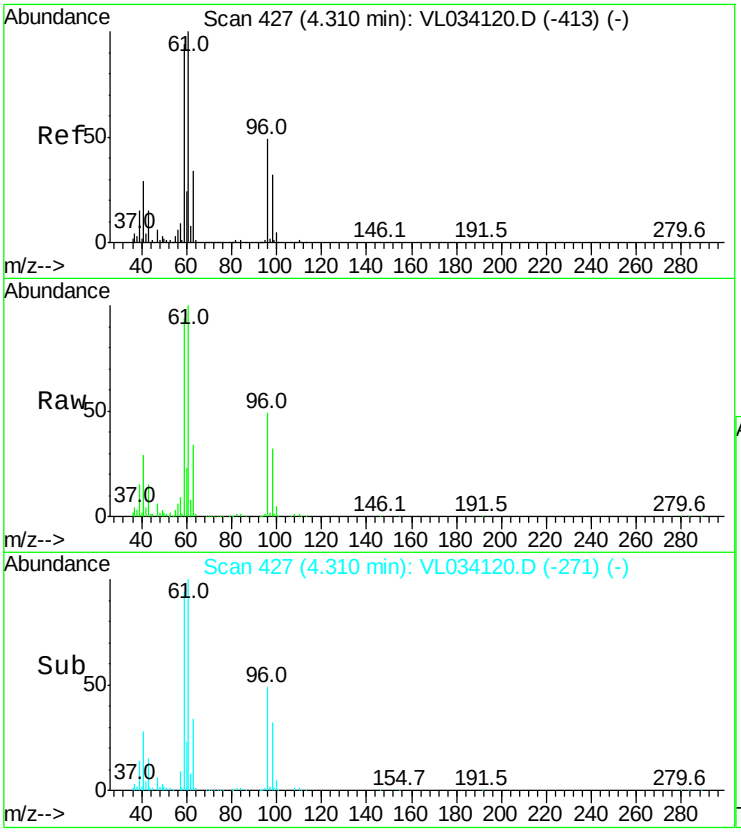


#16
1,3-Butadiene
Concen: 9.397 ppbv
RT: 3.32 min Scan# 120
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Tgt Ion: 39 Resp: 684976

Ion	Ratio	Lower	Upper
39	100		
54	79.4	63.5	95.3



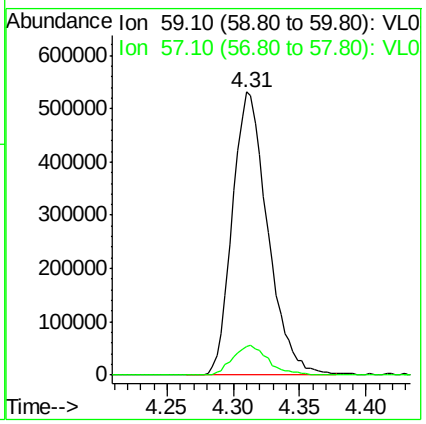


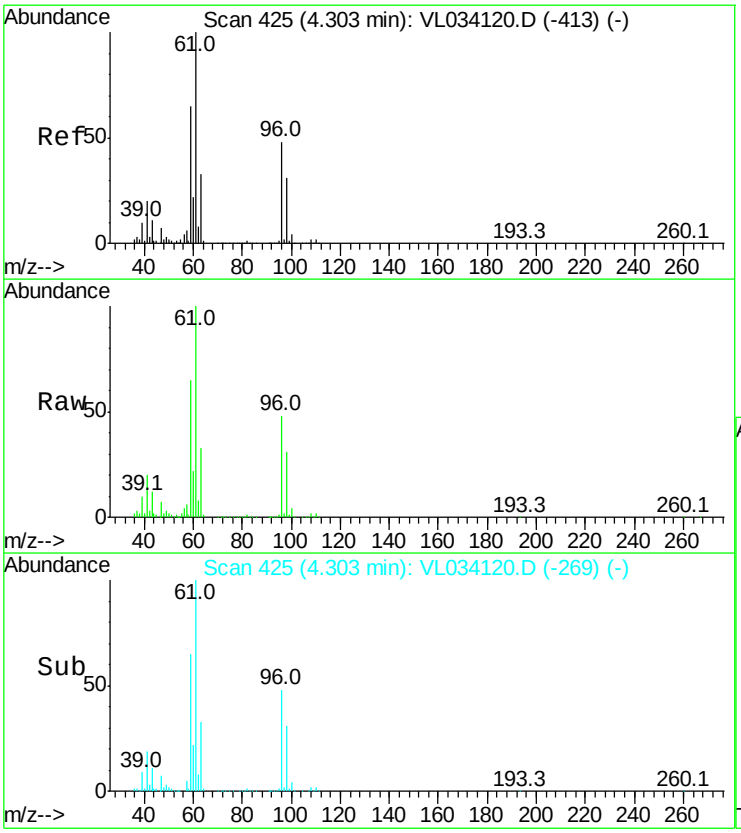
#17
tert-Butyl alcohol
Concen: 9.447 ppbv
RT: 4.31 min Scan# 427
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 59 Resp: 987061

Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.6	12.8

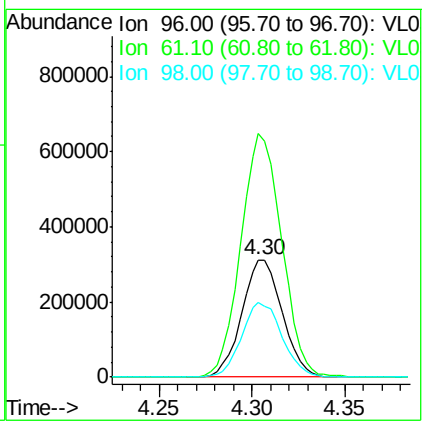


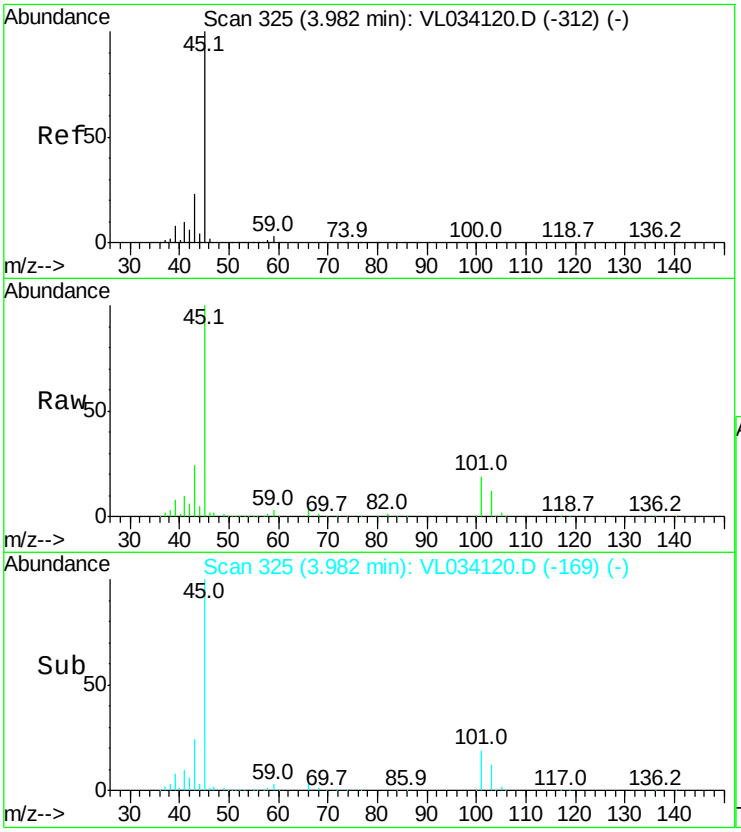


#18
1,1-Dichloroethene
Concen: 9.641 ppbv
RT: 4.30 min Scan# 425
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Tgt Ion: 96 Resp: 472763

Ion	Ratio	Lower	Upper
96	100		
61	207.3	165.8	248.8
98	63.5	50.8	76.2



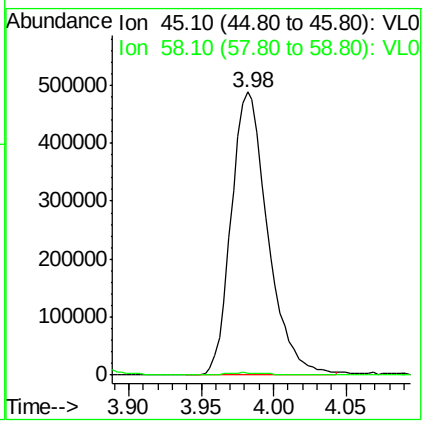


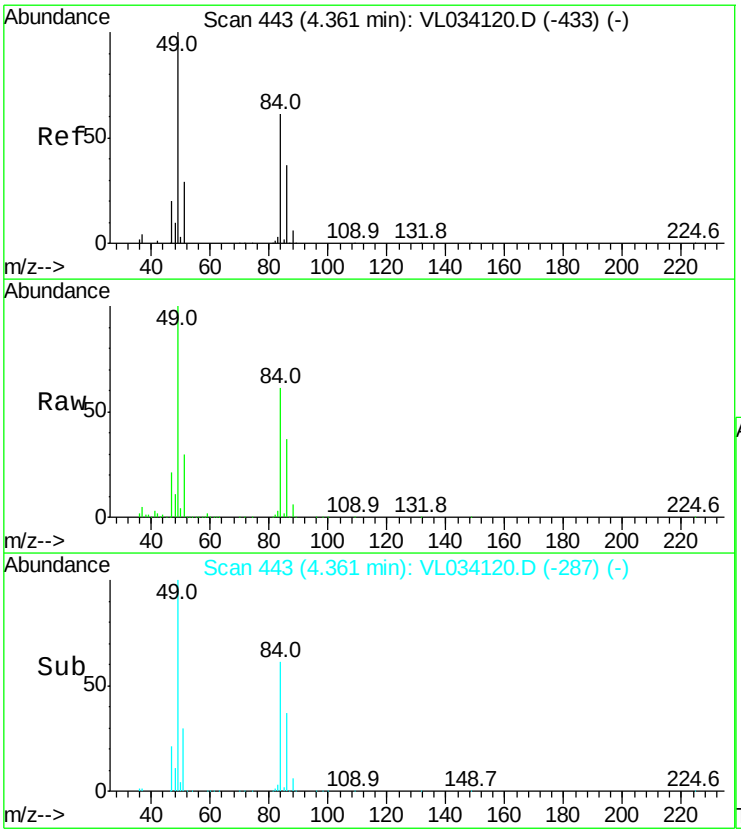
#19
Isopropyl Alcohol
Concen: 8.815 ppbv
RT: 3.98 min Scan# 325
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 45 Resp: 853772

Ion	Ratio	Lower	Upper
45	100		
58	1.3	1.0	1.6

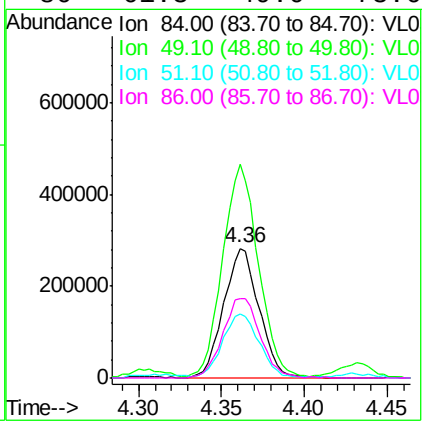


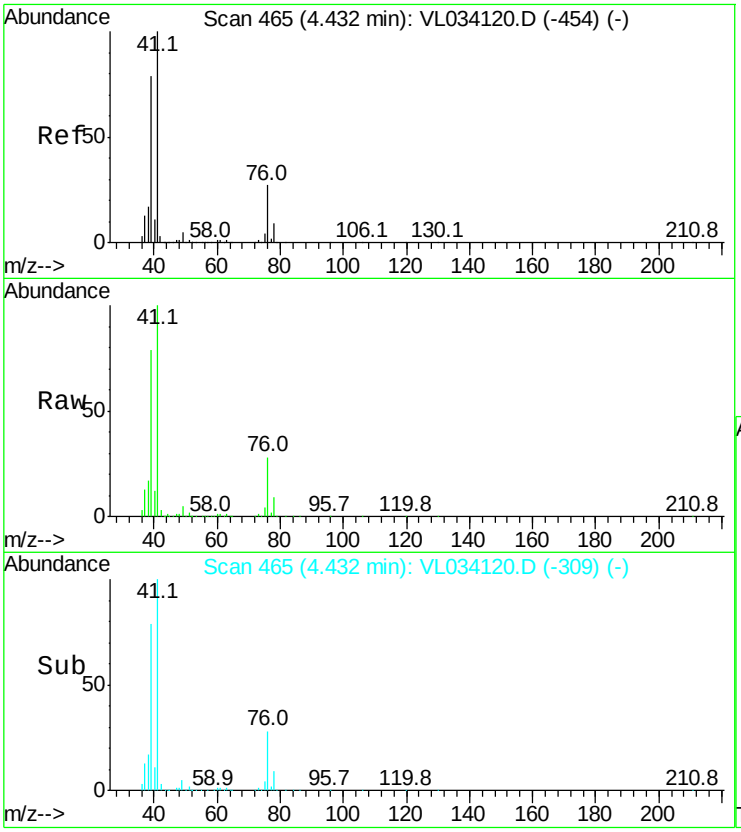


#20
Methylene Chloride
Concen: 8.779 ppbv
RT: 4.36 min Scan# 443
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Tgt Ion: 84 Resp: 417784

Ion	Ratio	Lower	Upper
84	100		
49	163.8	131.0	196.6
51	47.6	38.1	57.1
86	61.3	49.0	73.6



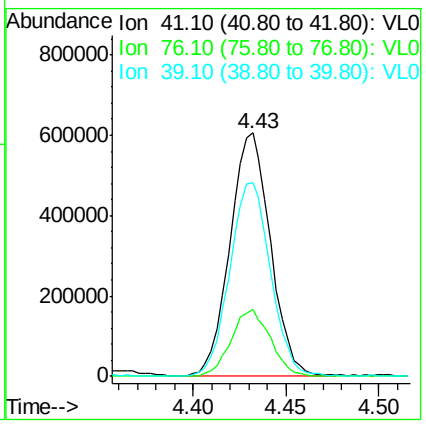


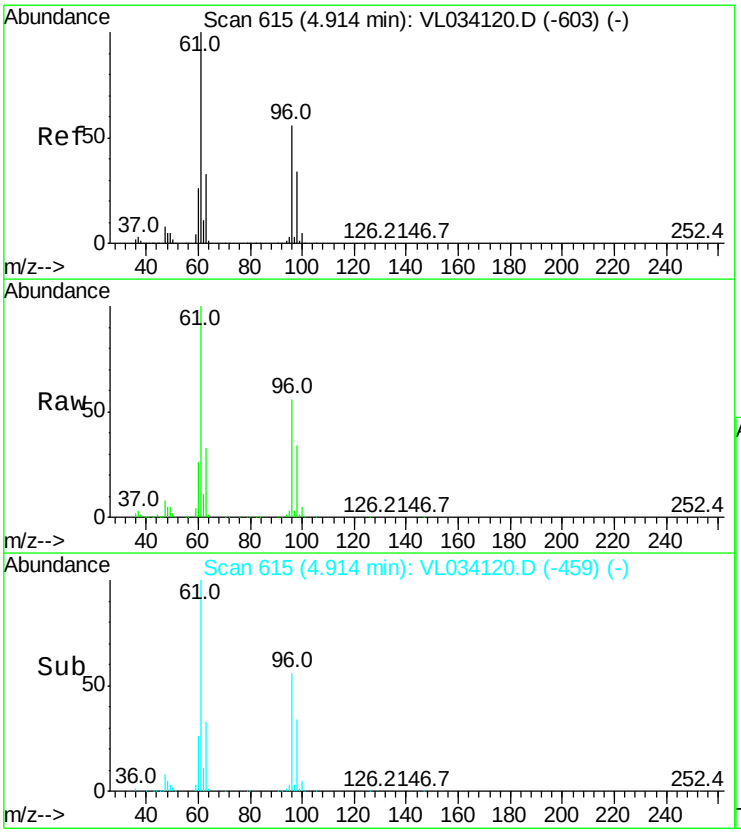
#21
Allyl Chloride
Concen: 9.598 ppbv
RT: 4.43 min Scan# 465
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 41 Resp: 910738

Ion	Ratio	Lower	Upper
41	100		
76	27.1	21.6	32.4
39	81.0	65.0	97.4

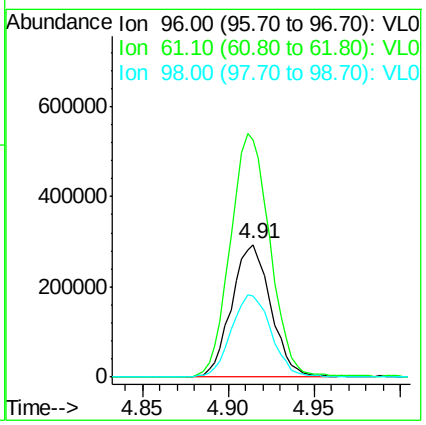


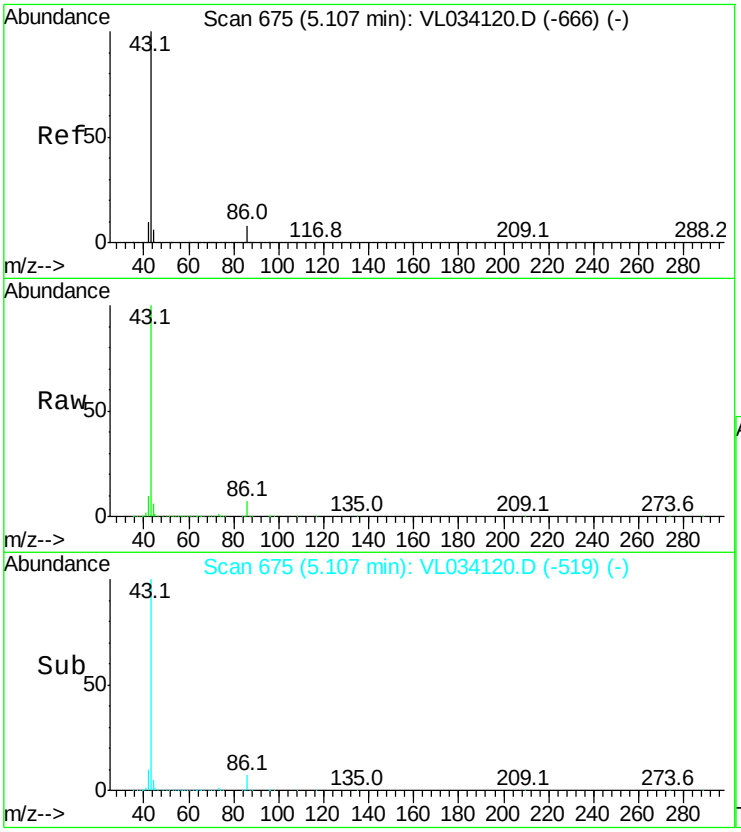


#22
trans-1,2-Dichloroethene
Concen: 9.457 ppbv
RT: 4.91 min Scan# 615
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Tgt Ion: 96 Resp: 464801

Ion	Ratio	Lower	Upper
96	100		
61	178.9	143.1	214.7
98	61.2	49.0	73.4



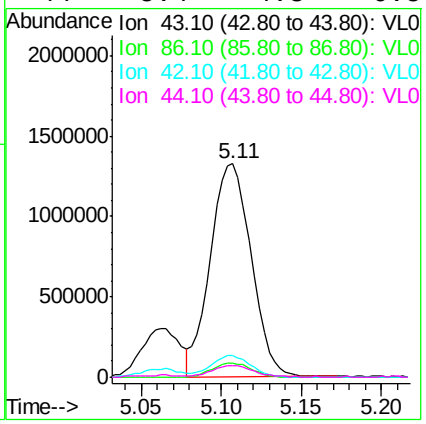


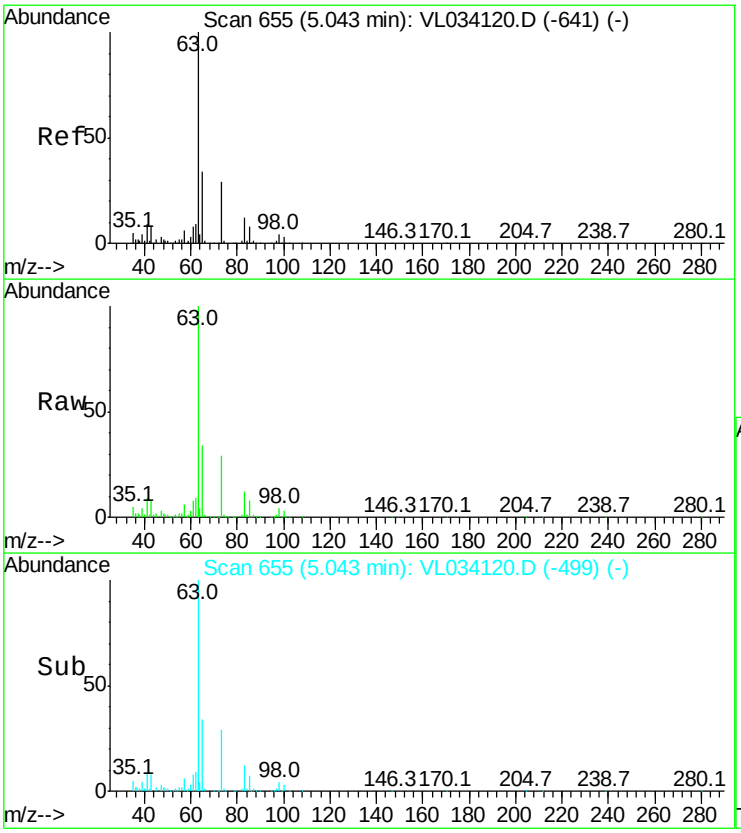
#23
Vinyl Acetate
Concen: 9.501 ppbv
RT: 5.11 min Scan# 675
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 2320161

Ion	Ratio	Lower	Upper
43	100		
86	6.9	5.5	8.3
42	10.3	8.2	12.4
44	5.4	4.3	6.5

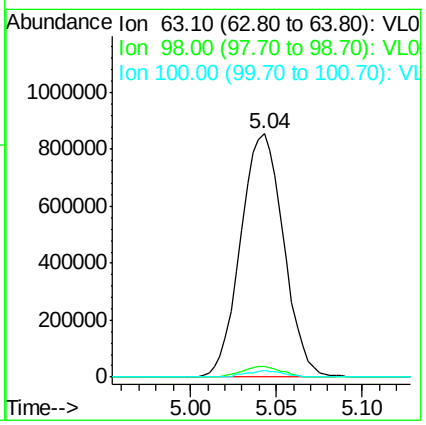


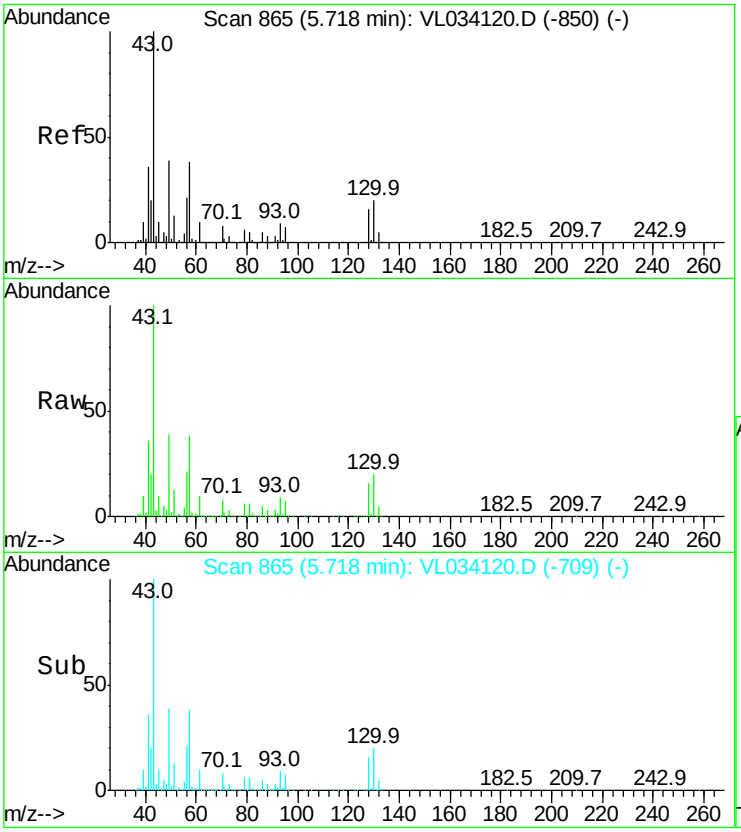


#24
1,1-Dichloroethane
Concen: 9.124 ppbv
RT: 5.04 min Scan# 655
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Tgt Ion: 63 Resp: 1478676

Ion	Ratio	Lower	Upper
63	100		
98	4.1	2.1	6.2
100	2.7	1.4	4.0



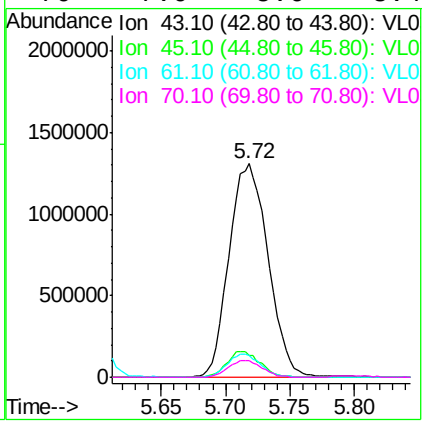


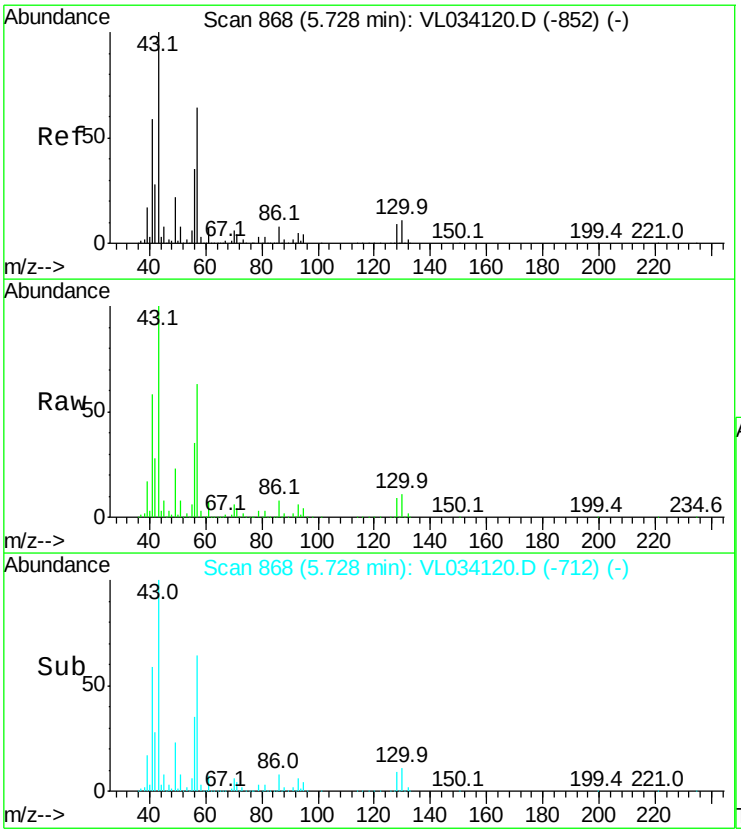
#25
Ethyl Acetate
Concen: 8.706 ppbv
RT: 5.72 min Scan# 865
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 2748840

Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.2	12.4
61	9.2	7.4	11.2
70	7.0	5.6	8.4

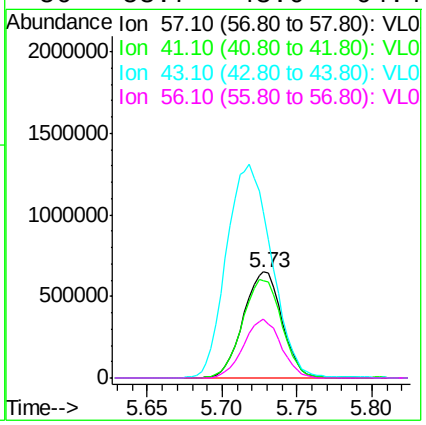


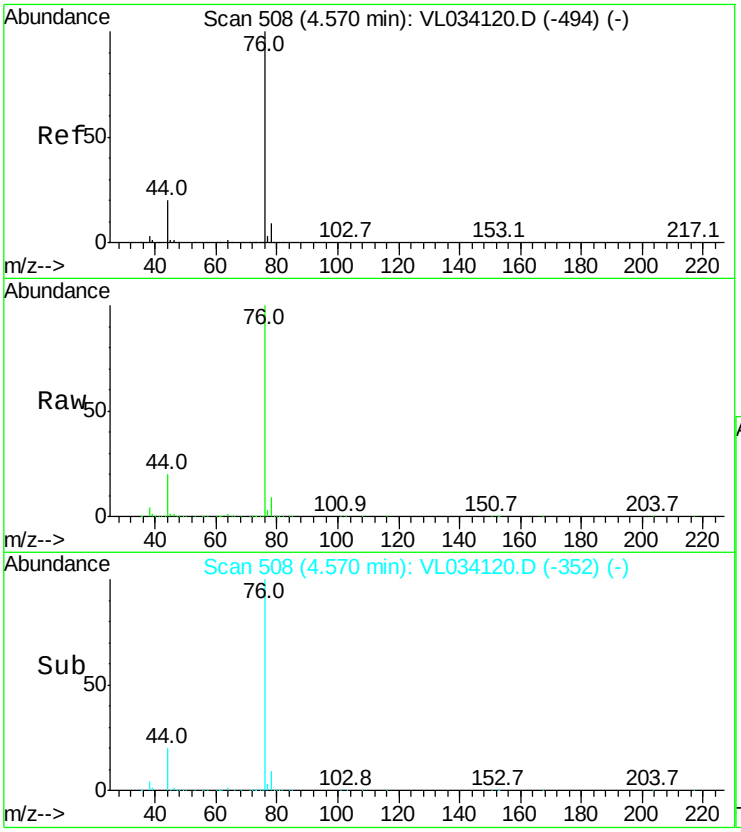


#26
Hexane
Concen: 8.360 ppbv
RT: 5.73 min Scan# 868
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Tgt Ion: 57 Resp: 1174262

Ion	Ratio	Lower	Upper
57	100		
41	95.7	76.6	115.0
43	235.1	189.2	283.8
56	53.7	43.0	64.4



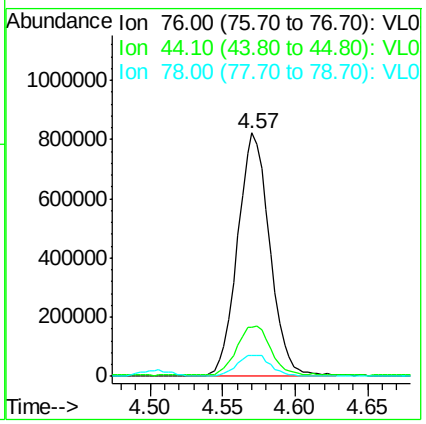


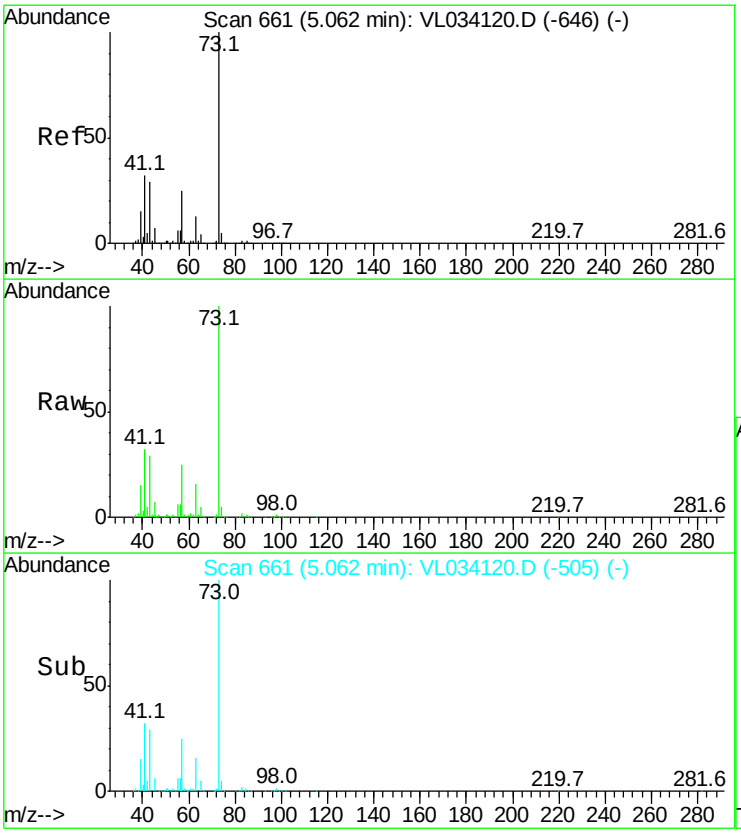
#27
Carbon Disulfide
Concen: 10.042 ppbv
RT: 4.57 min Scan# 508
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 76 Resp: 1269813

Ion	Ratio	Lower	Upper
76	100		
44	22.3	17.6	26.4
78	9.3	7.3	10.9

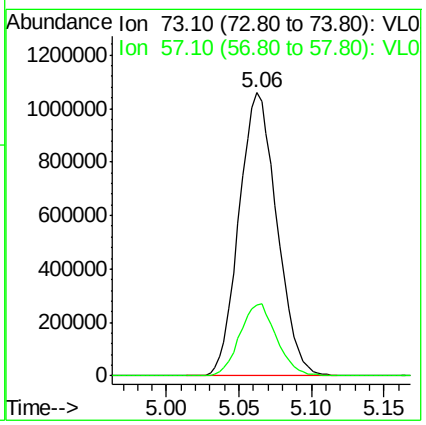


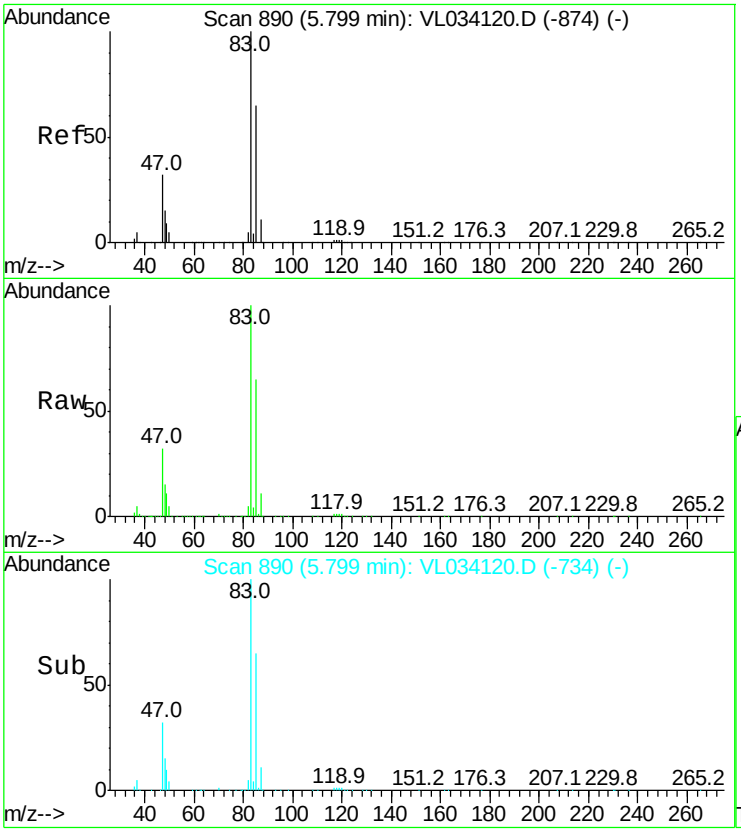


#28
Methyl tert-Butyl Ether
Concen: 9.362 ppbv
RT: 5.06 min Scan# 661
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Tgt Ion: 73 Resp: 1926897

Ion	Ratio	Lower	Upper
73	100		
57	24.7	19.8	29.8



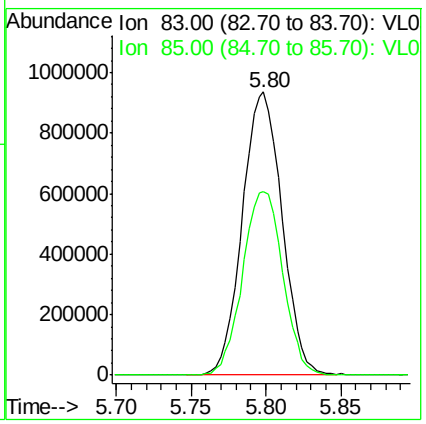


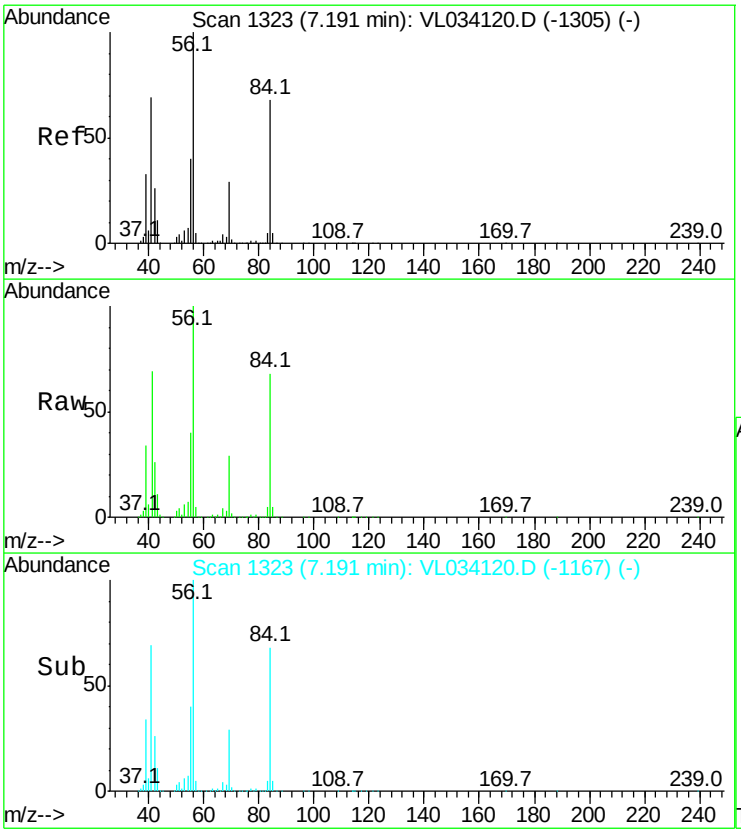
#29
Chloroform
Concen: 9.123 ppbv
RT: 5.80 min Scan# 890
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 83 Resp: 1728553

Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.8	77.6

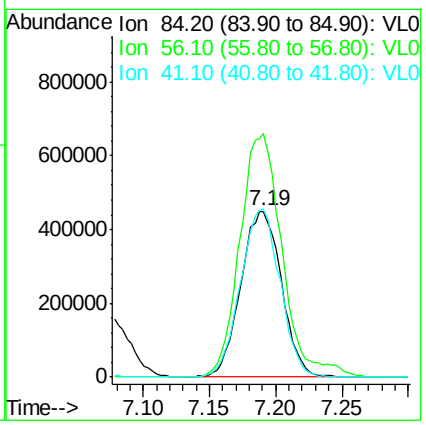


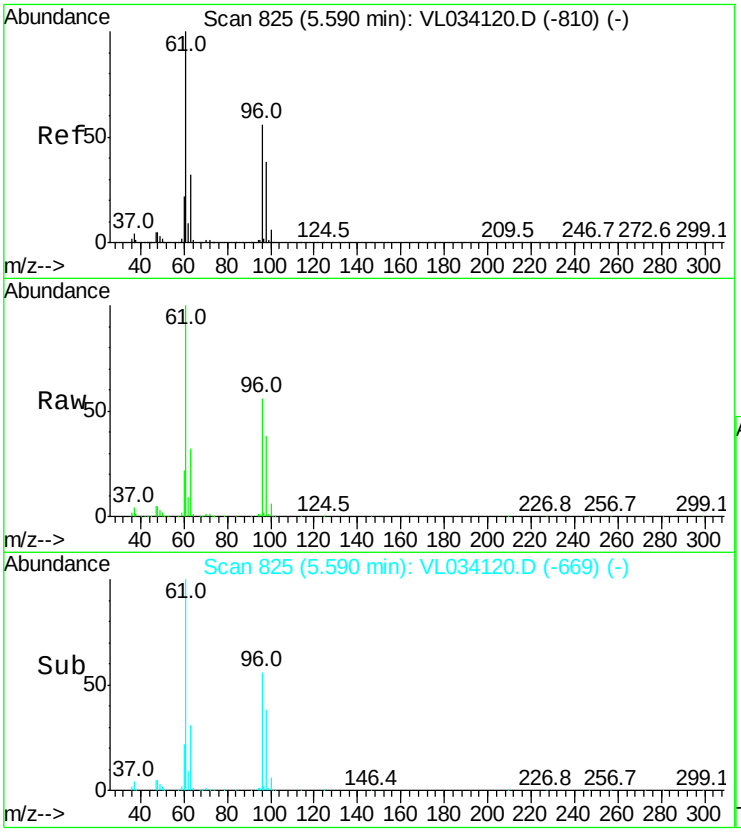


#30
Cyclohexane
Concen: 9.449 ppbv
RT: 7.19 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Tgt Ion: 84 Resp: 959529

Ion	Ratio	Lower	Upper
84	100		
56	153.2	122.6	183.8
41	98.9	79.1	118.7



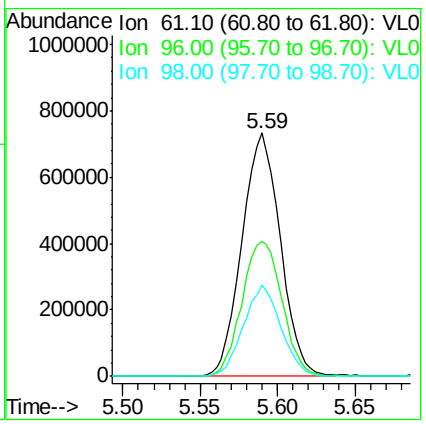


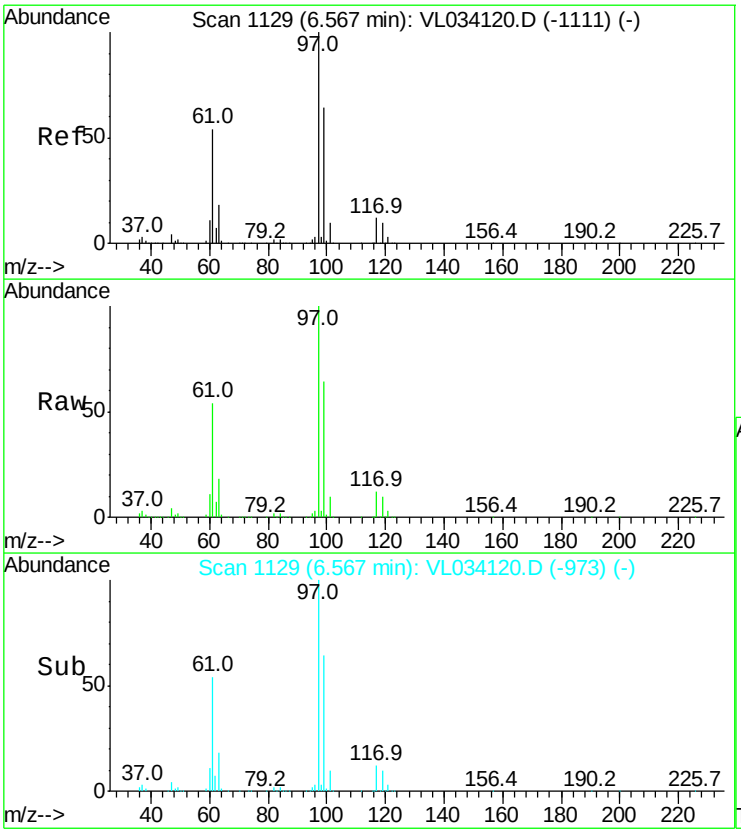
#31
cis-1,2-Dichloroethene
Concen: 9.442 ppbv
RT: 5.59 min Scan# 825
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 61 Resp: 1270089

Ion	Ratio	Lower	Upper
61	100		
96	55.5	44.4	66.6
98	37.5	30.0	45.0

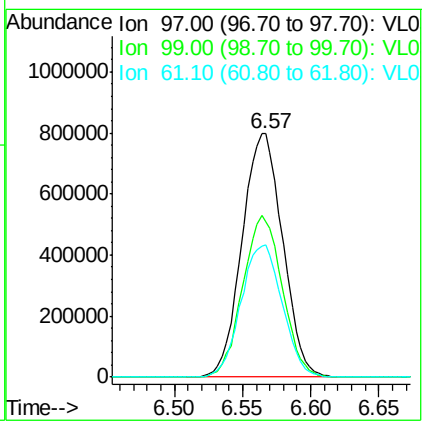


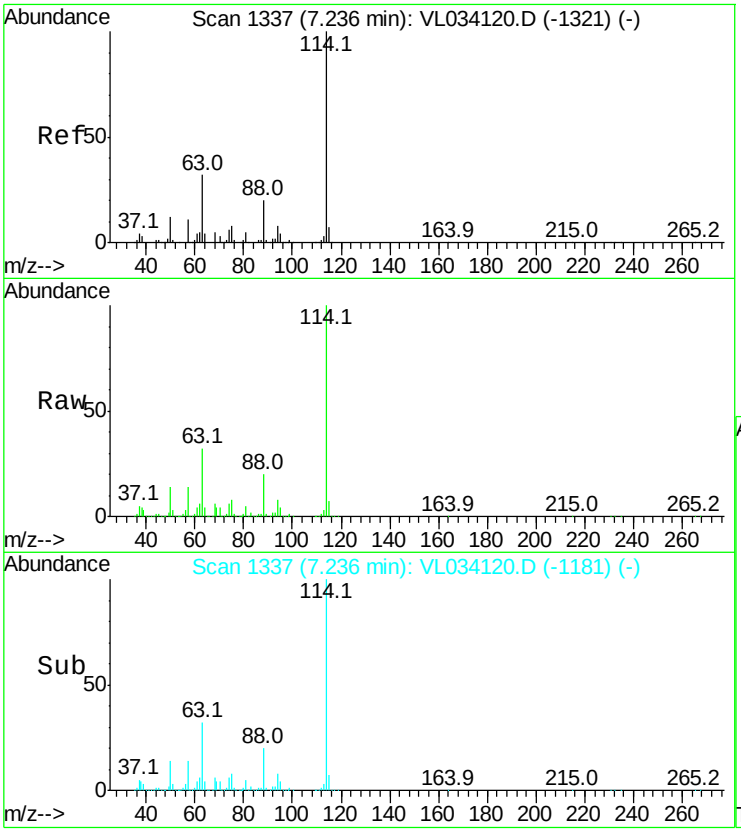


#32
1,1,1-Trichloroethane
Concen: 9.264 ppbv
RT: 6.57 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Tgt Ion: 97 Resp: 1648697

Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.7	77.5
61	55.0	44.0	66.0



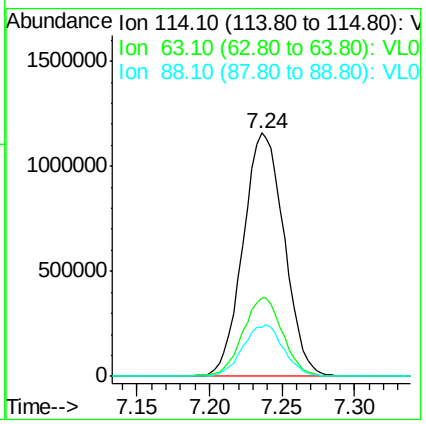


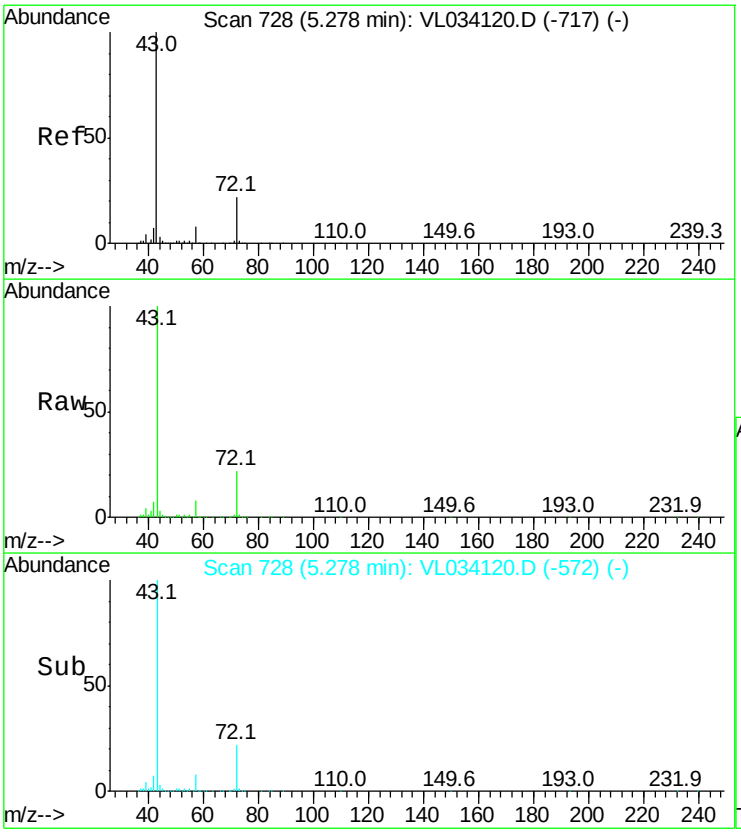
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.24 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:114 Resp: 2282602

Ion	Ratio	Lower	Upper
114	100		
63	31.9	25.5	38.3
88	21.1	16.8	25.2

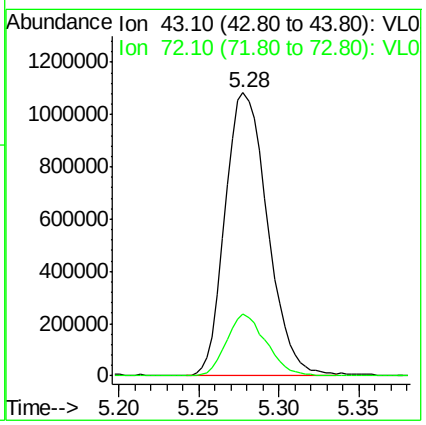


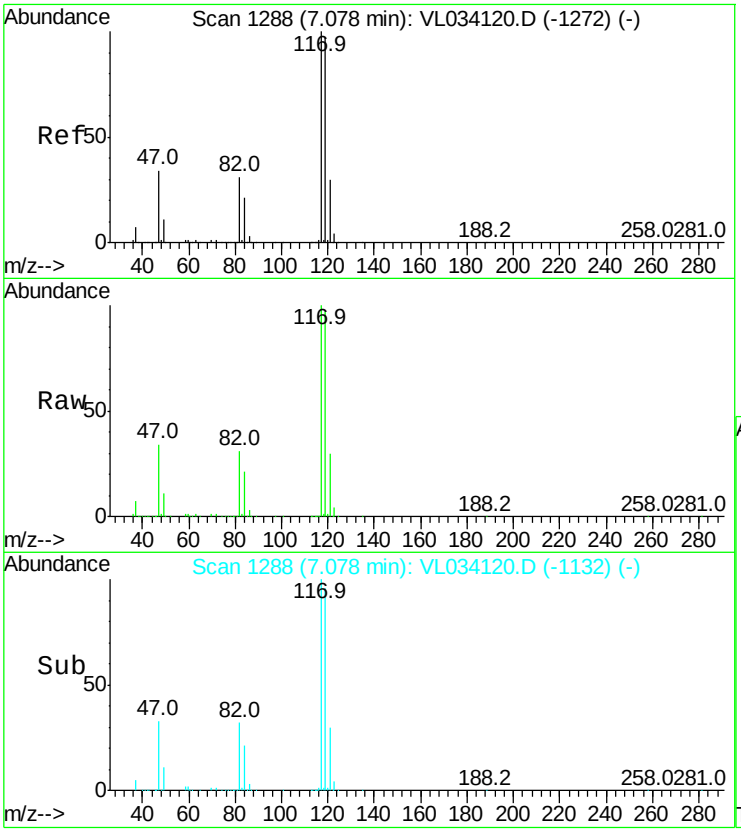


#34
2-Butanone
Concen: 8.893 ppbv
RT: 5.28 min Scan# 728
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Tgt Ion: 43 Resp: 1951601

Ion	Ratio	Lower	Upper
43	100		
72	20.6	16.5	24.7



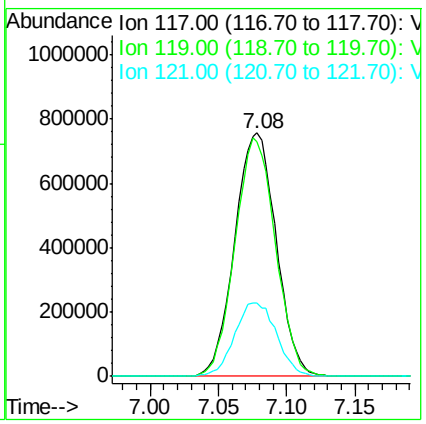


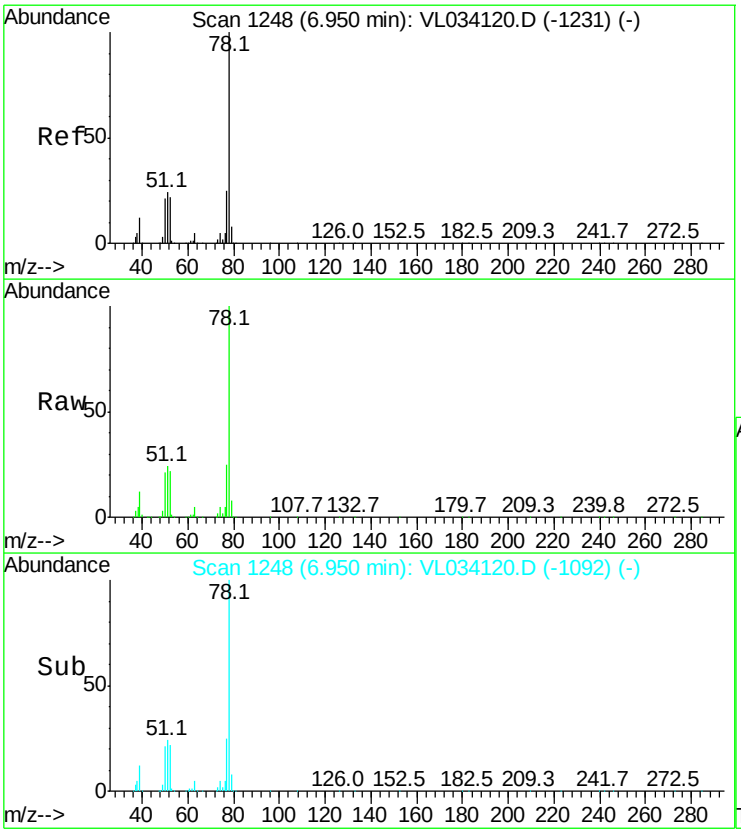
#35
Carbon Tetrachloride
Concen: 9.039 ppbv
RT: 7.08 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 1595258

Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.2	115.8
121	30.3	24.2	36.4

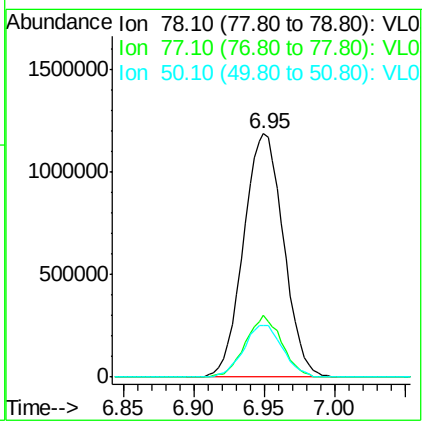


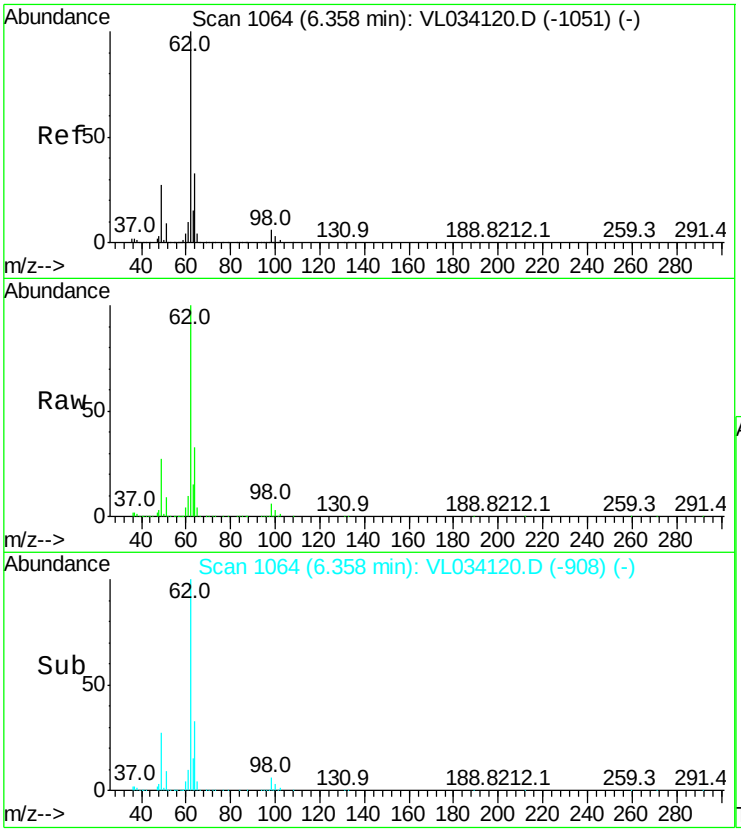


#36
Benzene
Concen: 9.032 ppbv
RT: 6.95 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Tgt Ion: 78 Resp: 2356519

Ion	Ratio	Lower	Upper
78	100		
77	25.4	20.3	30.5
50	21.1	16.9	25.3



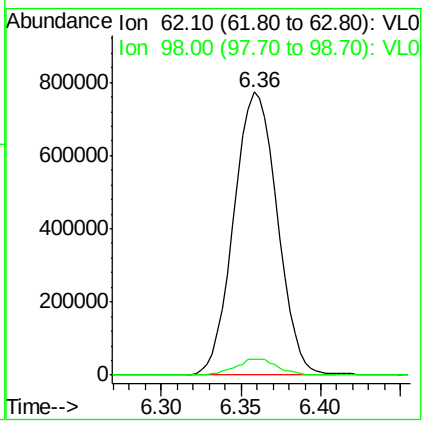


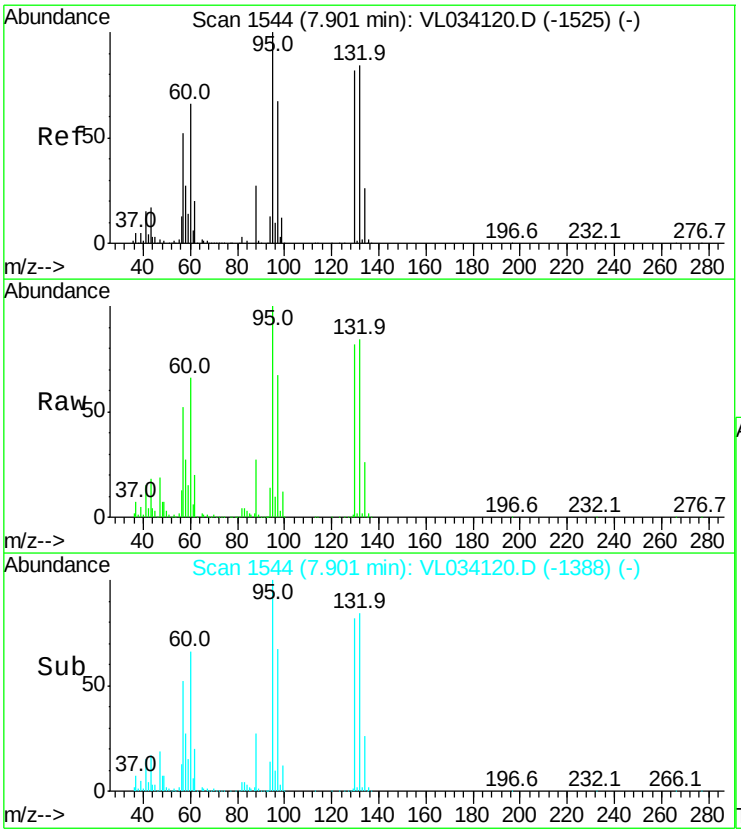
#37
1,2-Dichloroethane
Concen: 8.973 ppbv
RT: 6.36 min Scan# 1064
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 62 Resp: 1434486

Ion	Ratio	Lower	Upper
62	100		
98	5.5	4.4	6.6

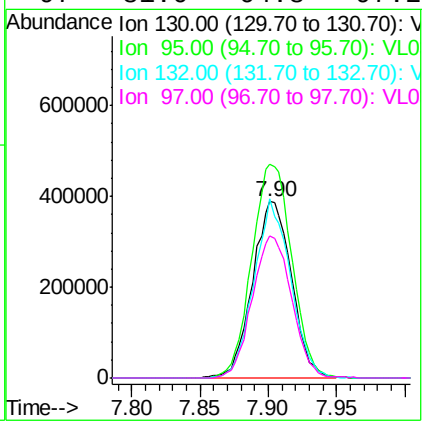


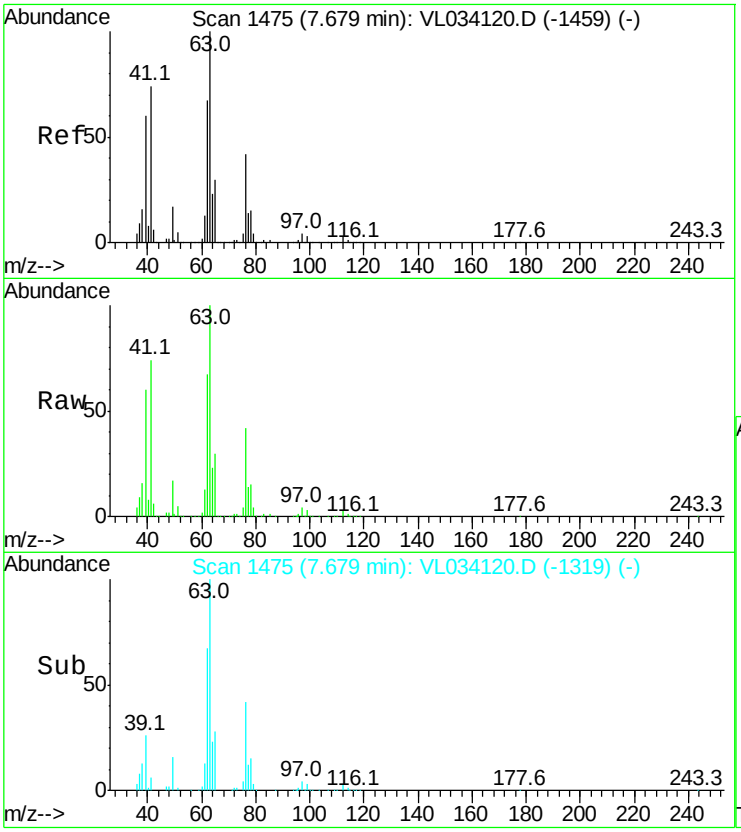


#38
Trichloroethene
Concen: 7.956 ppbv
RT: 7.90 min Scan# 1544
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Tgt Ion:130 Resp: 767706

Ion	Ratio	Lower	Upper
130	100		
95	121.5	97.2	145.8
132	101.8	81.4	122.2
97	81.0	64.8	97.2



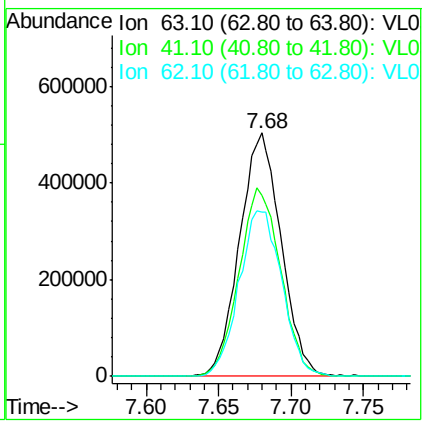


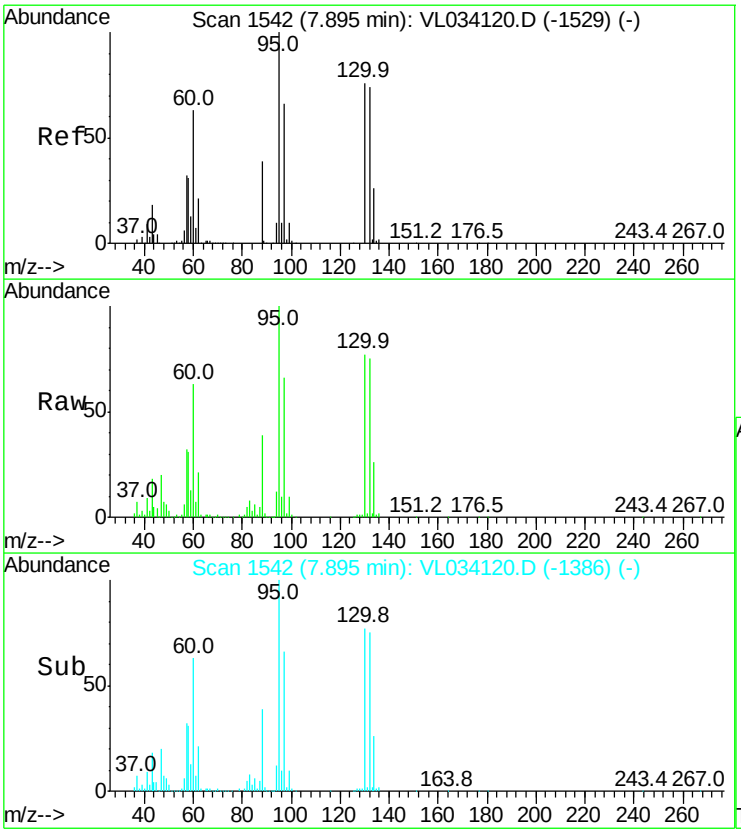
#39
1,2-Dichloropropane
Concen: 8.986 ppbv
RT: 7.68 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 63 Resp: 1003878

Ion	Ratio	Lower	Upper
63	100		
41	74.1	59.3	88.9
62	67.2	53.8	80.6

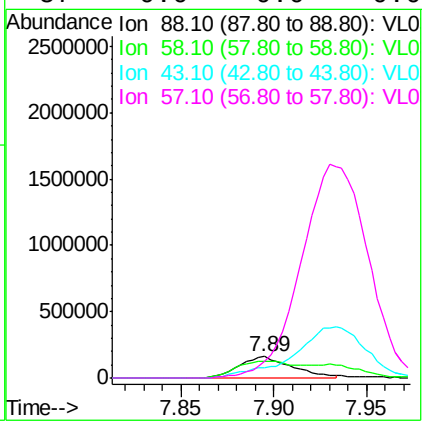


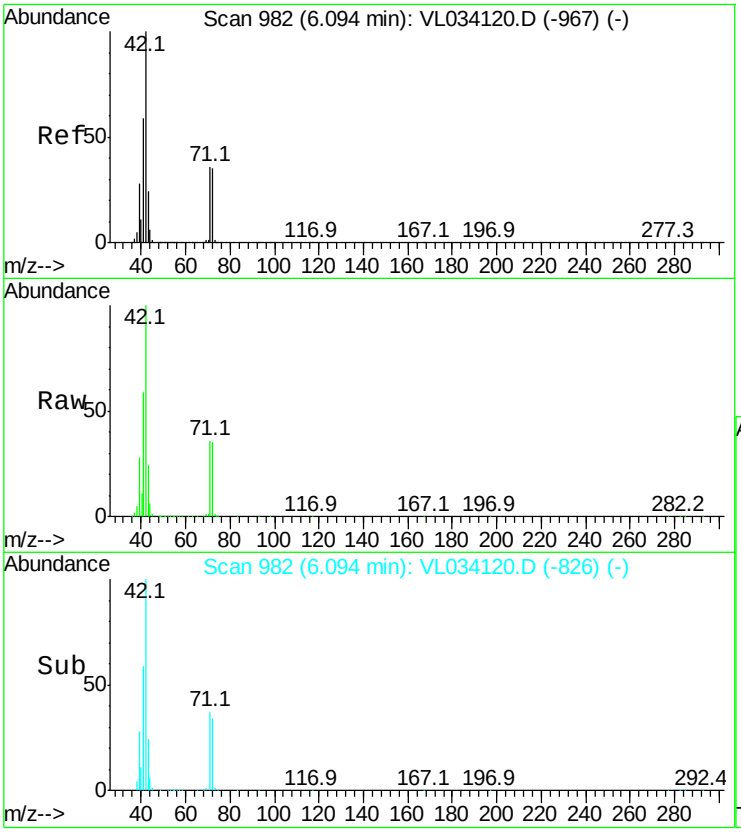


#40
1,4-Dioxane
Concen: 7.705 ppbv
RT: 7.89 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Tgt Ion: 88 Resp: 317470

Ion	Ratio	Lower	Upper
88	100		
58	152.1	121.7	182.5
43	0.0	0.0	0.0
57	0.0	0.0	0.0



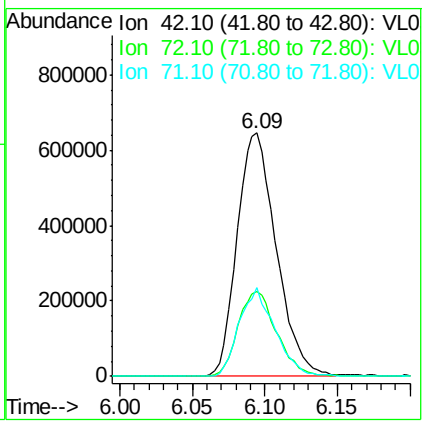


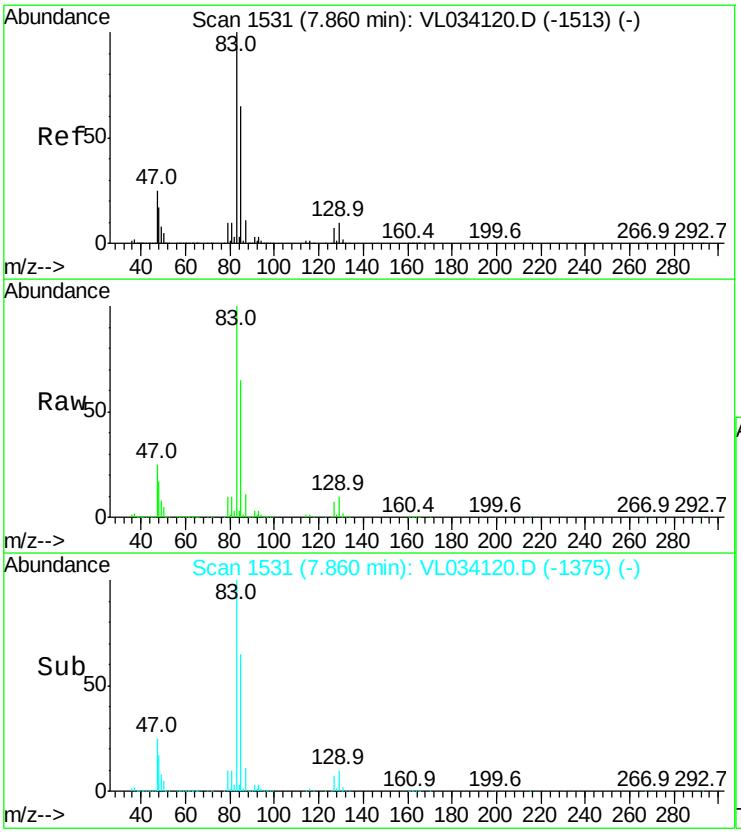
#41
Tetrahydrofuran
Concen: 9.269 ppbv
RT: 6.09 min Scan# 982
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 42 Resp: 1214338

Ion	Ratio	Lower	Upper
42	100		
72	34.6	27.7	41.5
71	33.4	26.7	40.1

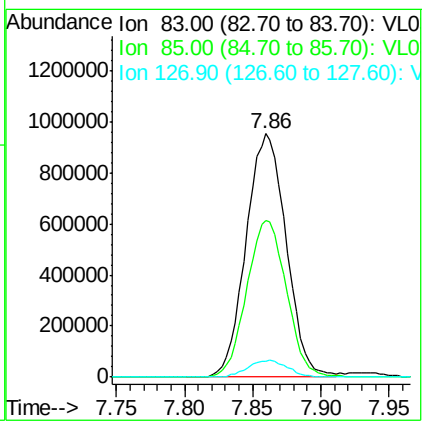


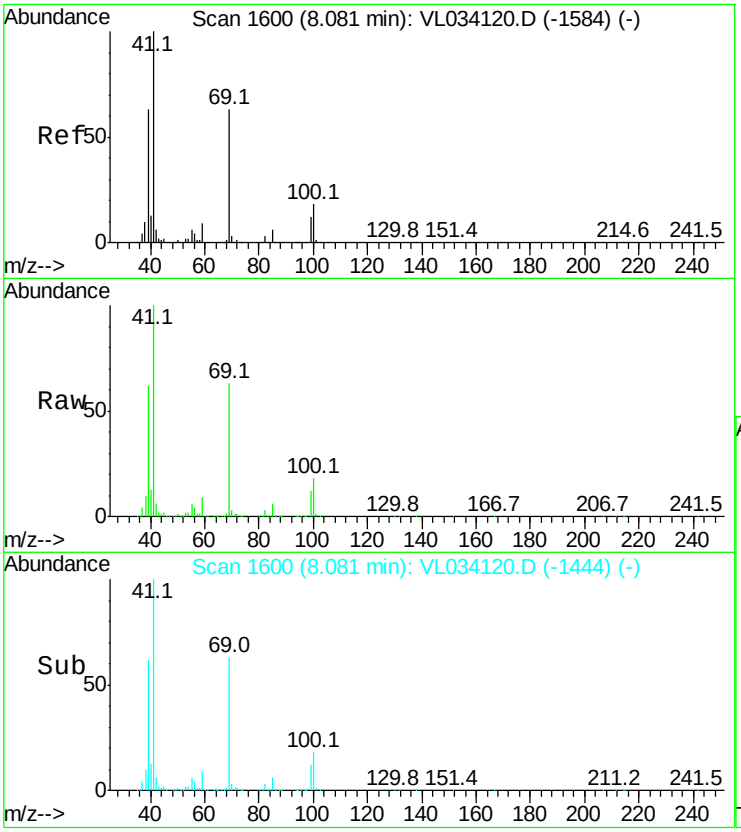


#42
Bromodichloromethane
Concen: 9.310 ppbv
RT: 7.86 min Scan# 1531
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Tgt Ion: 83 Resp: 1942038

Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.6	77.4
127	6.7	5.4	8.0



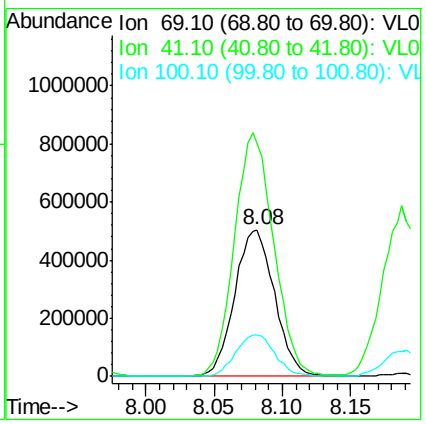


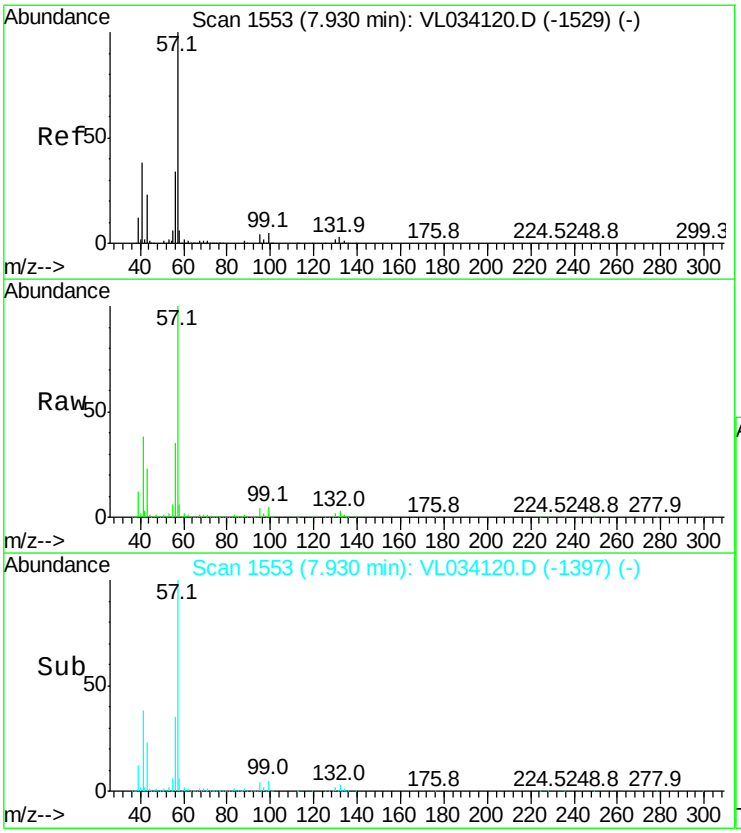
#43
Methyl Methacrylate
Concen: 9.507 ppbv
RT: 8.08 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 69 Resp: 1021848

Ion	Ratio	Lower	Upper
69	100		
41	164.0	131.0	196.6
100	28.1	22.6	33.8

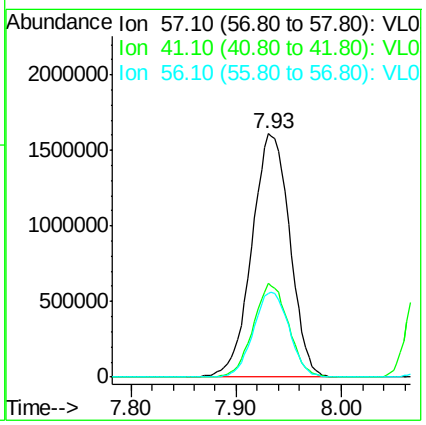


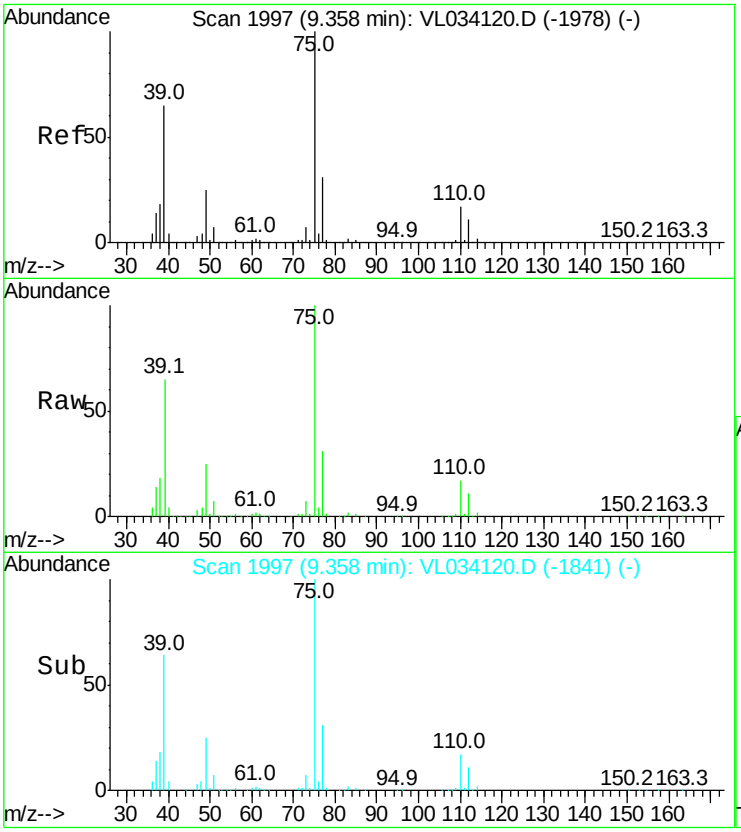


#44
2,2,4-Trimethylpentane
Concen: 8.395 ppbv
RT: 7.93 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Tgt Ion: 57 Resp: 4038280

Ion	Ratio	Lower	Upper
57	100		
41	35.5	28.4	42.6
56	32.9	26.3	39.5



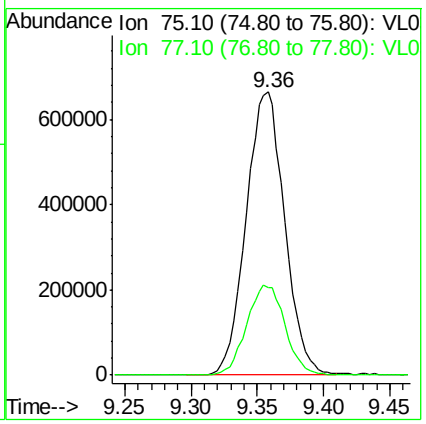


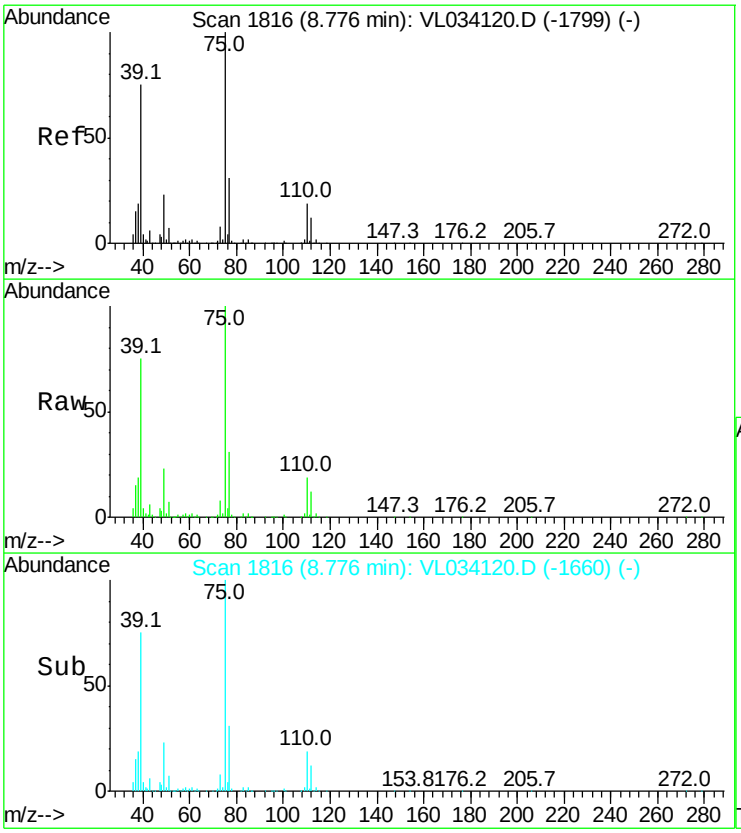
#45
t-1,3-Dichloropropene
Concen: 10.635 ppbv
RT: 9.36 min Scan# 1997
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 75 Resp: 1341730

Ion	Ratio	Lower	Upper
75	100		
77	30.7	24.6	36.8

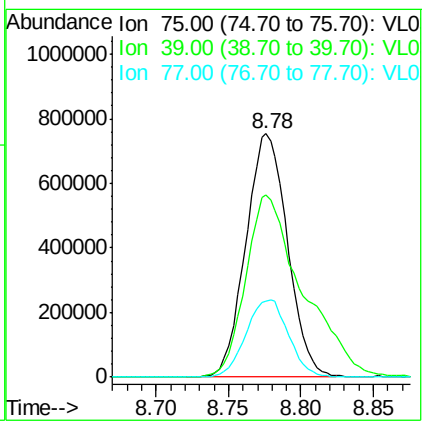


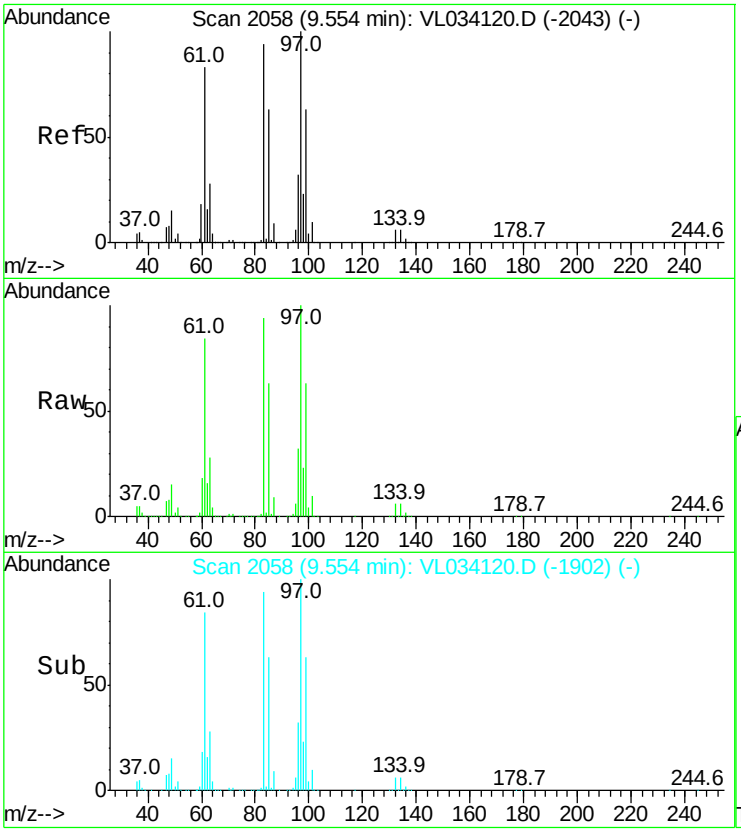


#46
cis-1,3-Dichloropropene
Concen: 9.790 ppbv
RT: 8.78 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Tgt Ion: 75 Resp: 1504706

Ion	Ratio	Lower	Upper
75	100		
39	75.0	60.0	90.0
77	31.0	24.8	37.2



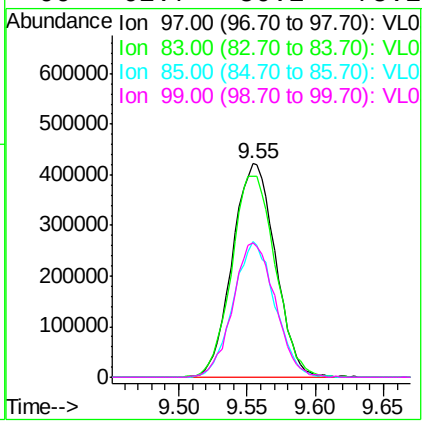


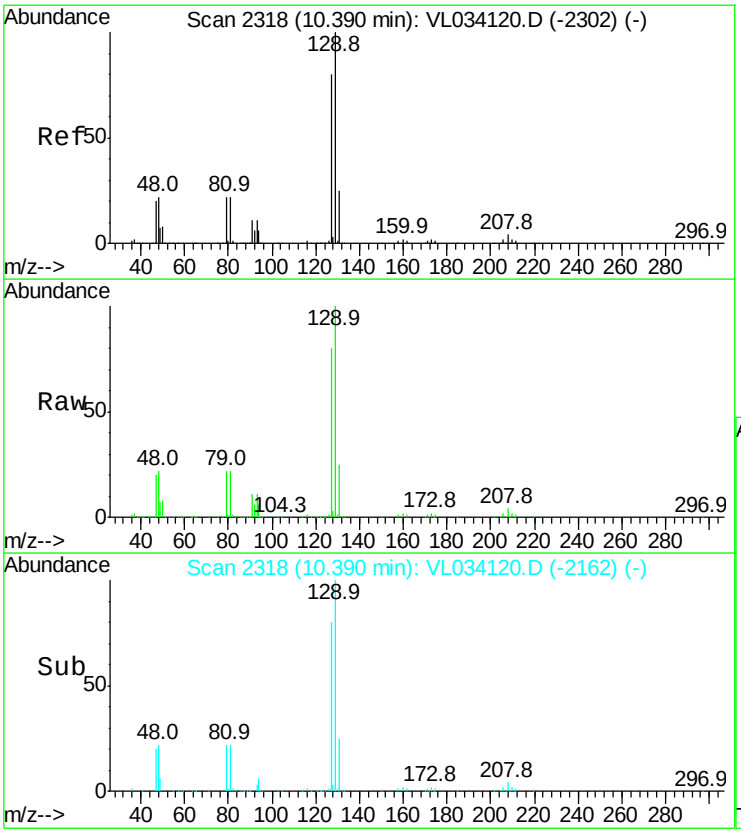
#47
1,1,2-Trichloroethane
Concen: 9.099 ppbv
RT: 9.55 min Scan# 2058
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 97 Resp: 924538

Ion	Ratio	Lower	Upper
97	100		
83	93.6	74.9	112.3
85	63.2	50.6	75.8
99	62.7	50.2	75.2

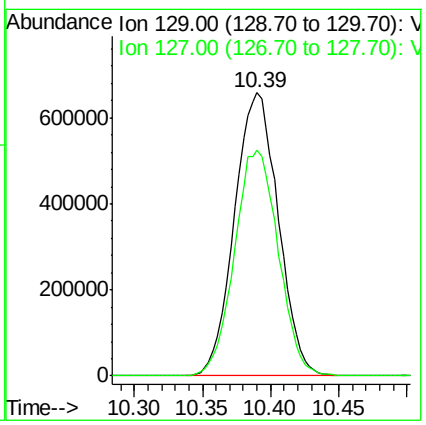


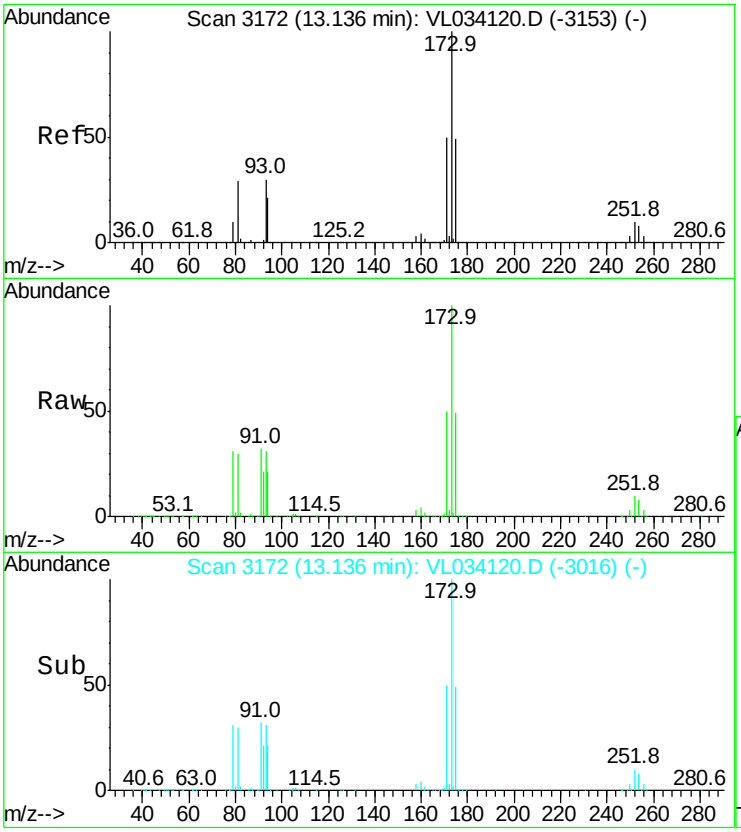


#48
Dibromochloromethane
Concen: 9.611 ppbv
RT: 10.39 min Scan# 2318
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Tgt Ion:129 Resp: 1458819

Ion	Ratio	Lower	Upper
129	100		
127	80.4	40.2	120.6



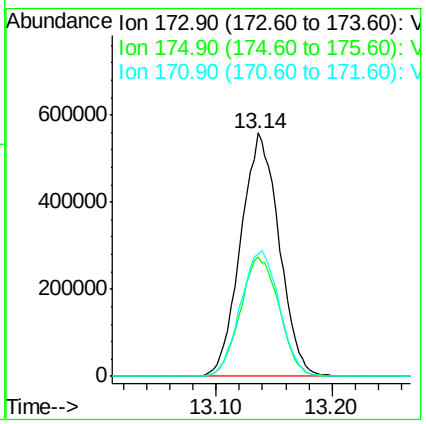


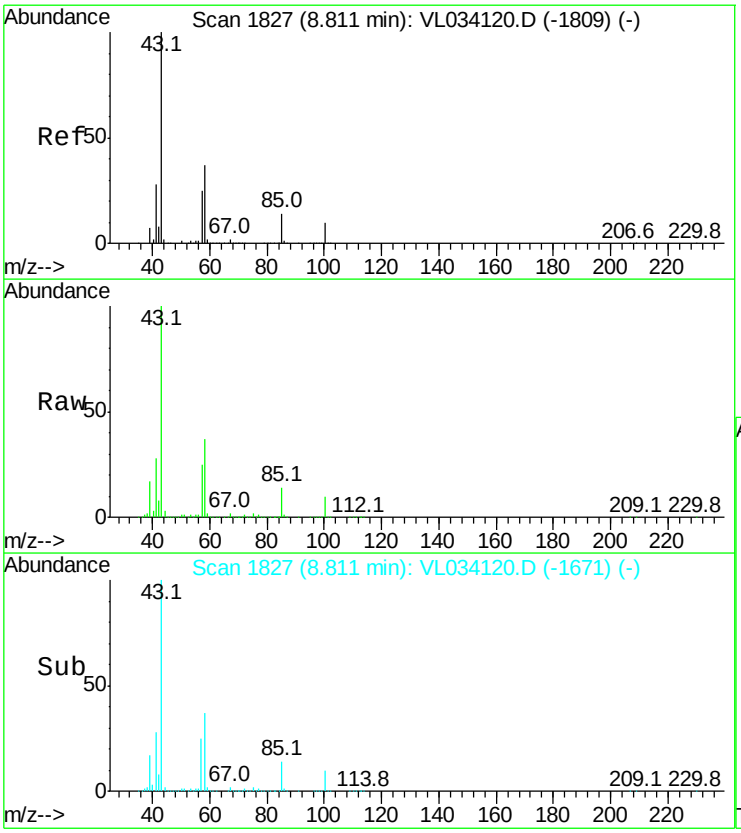
#49
Bromoform
Concen: 9.655 ppbv
RT: 13.14 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:173 Resp: 1283195

Ion	Ratio	Lower	Upper
173	100		
175	50.0	40.0	60.0
171	52.5	42.2	63.2

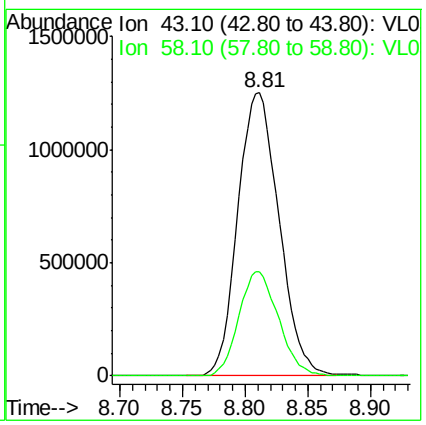


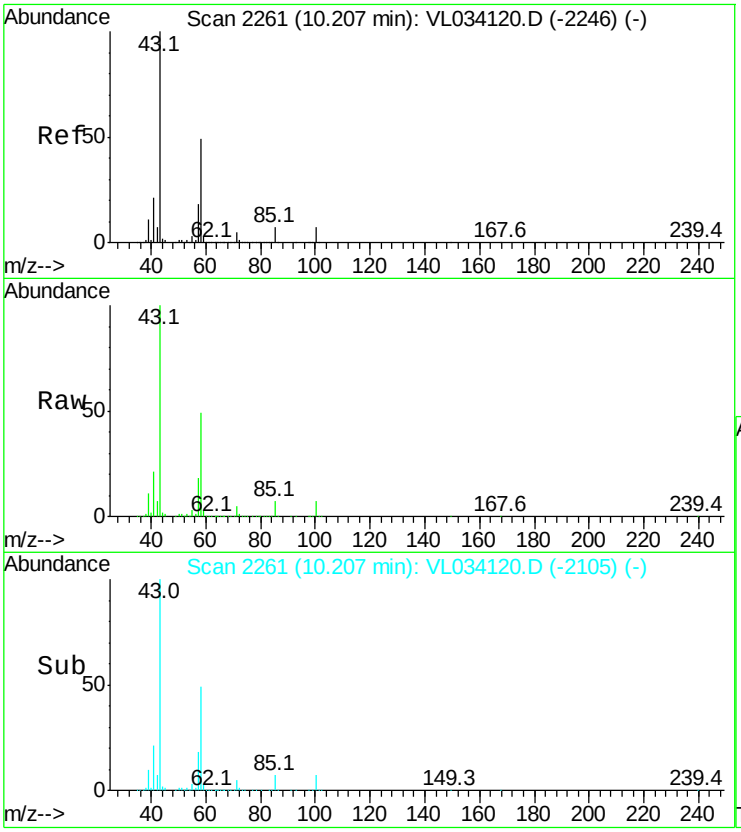


#50
4-Methyl-2-Pentanone
Concen: 8.551 ppbv
RT: 8.81 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Tgt Ion: 43 Resp: 2863394

Ion	Ratio	Lower	Upper
43	100		
58	35.5	28.5	42.7



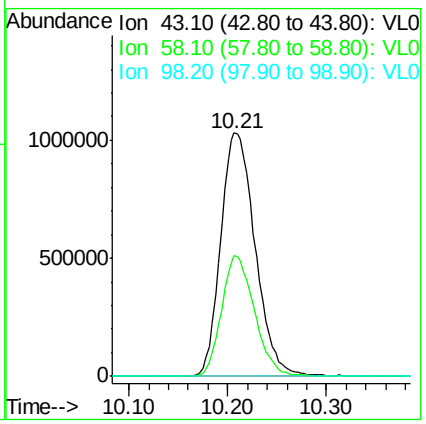


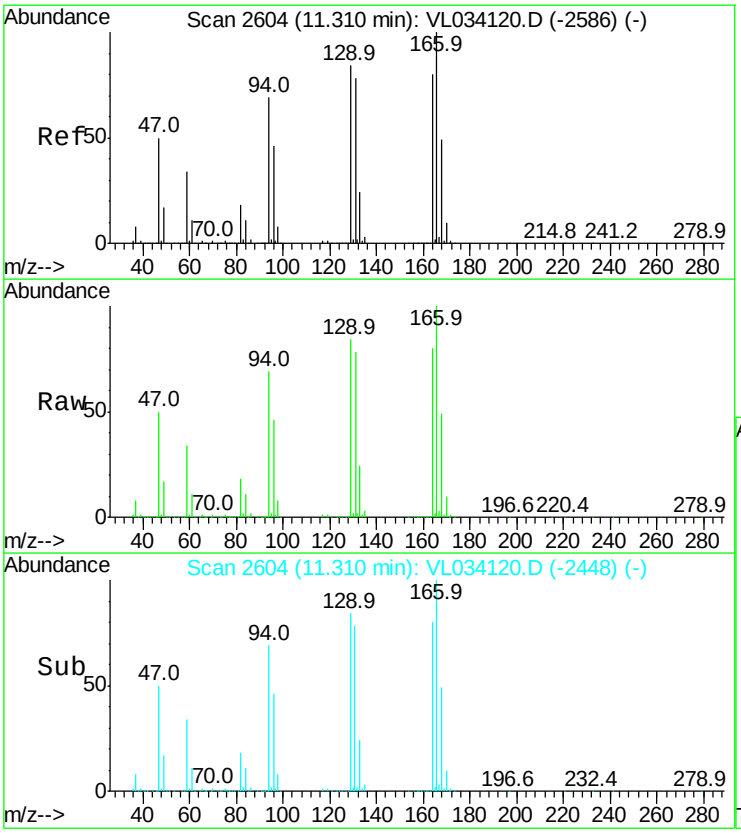
#51
2-Hexanone
Concen: 8.769 ppbv
RT: 10.21 min Scan# 2261
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 43 Resp: 2512655

Ion	Ratio	Lower	Upper
43	100		
58	47.6	38.2	57.2
98	0.1	0.1	0.1

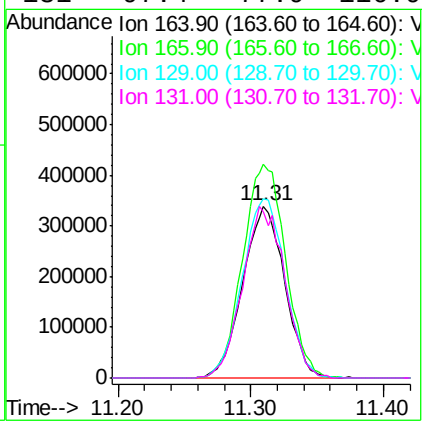


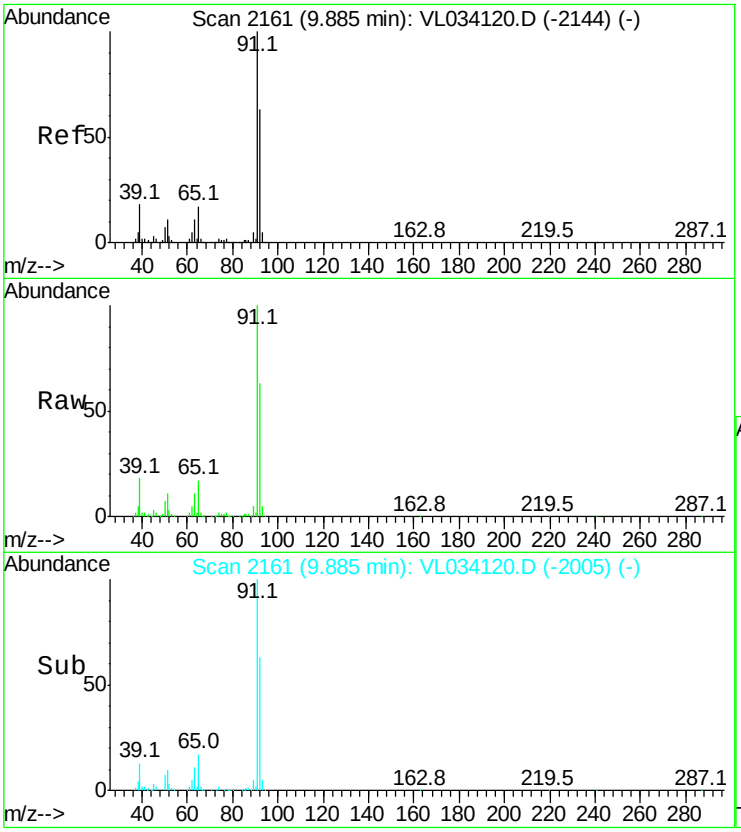


#52
Tetrachloroethene
Concen: 8.142 ppbv
RT: 11.31 min Scan# 2604
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Tgt Ion:164 Resp: 743452

Ion	Ratio	Lower	Upper
164	100		
166	124.4	99.5	149.3
129	104.5	83.6	125.4
131	97.4	77.9	116.9



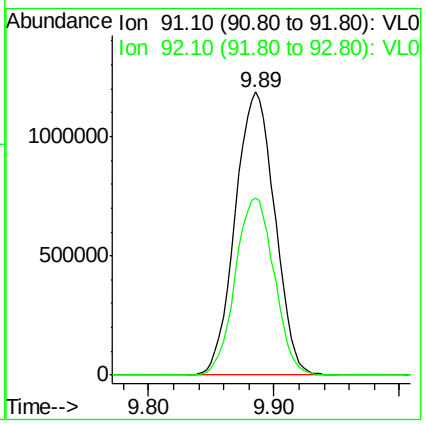


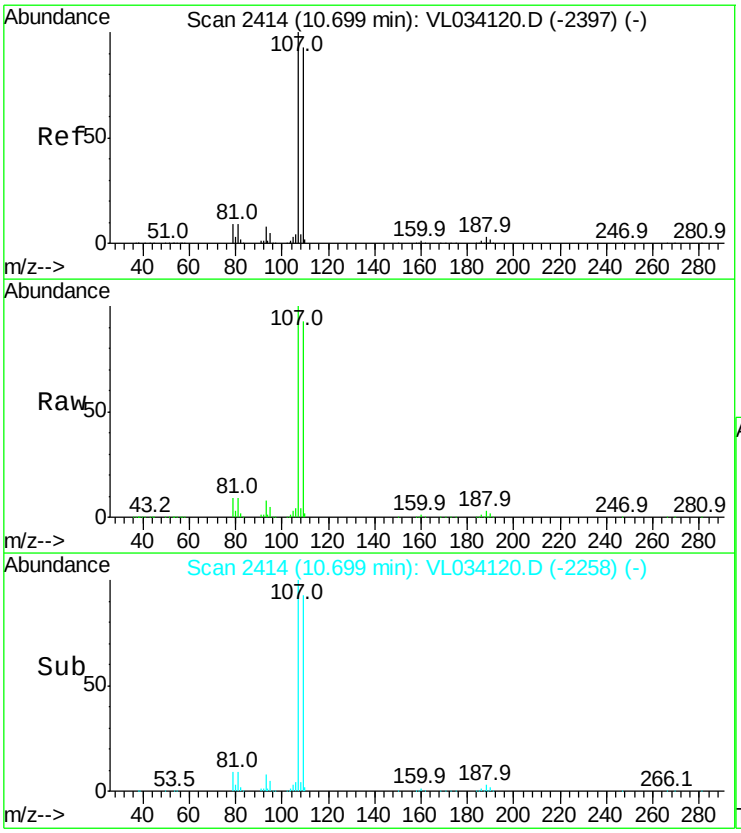
#53
Toluene
Concen: 9.021 ppbv
RT: 9.89 min Scan# 2161
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 91 Resp: 2603013

Ion	Ratio	Lower	Upper
91	100		
92	61.7	49.3	73.9

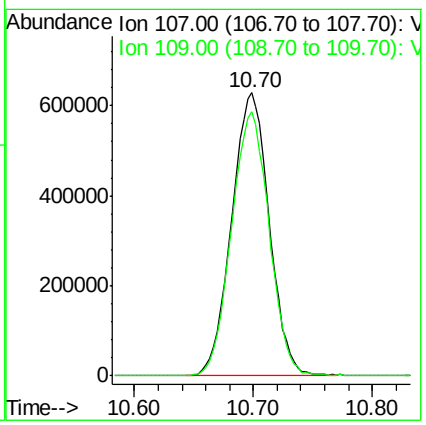


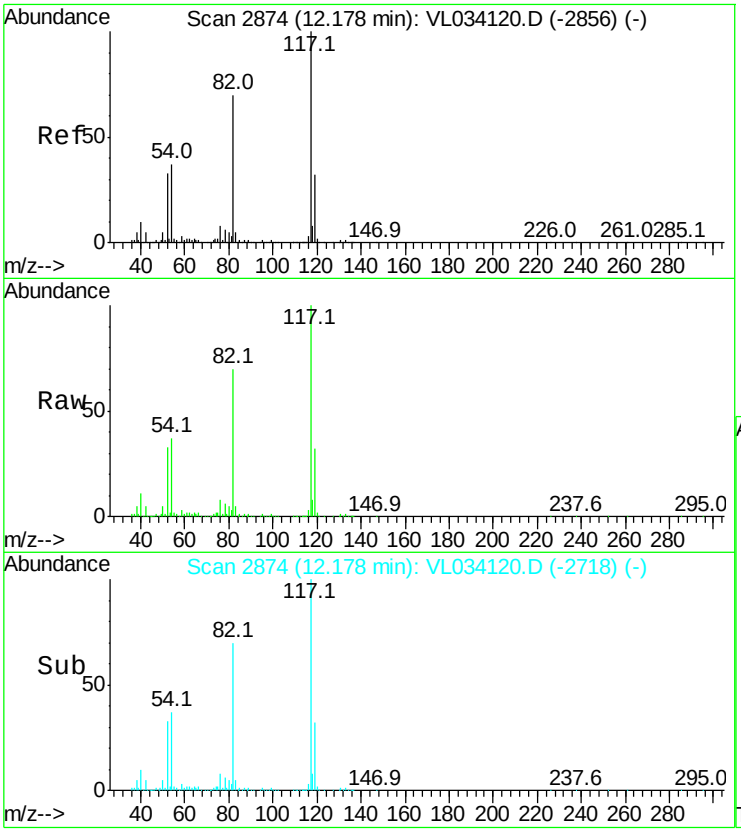


#54
1,2-Dibromoethane
Concen: 9.079 ppbv
RT: 10.70 min Scan# 2414
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Tgt Ion:107 Resp: 1371990

Ion	Ratio	Lower	Upper
107	100		
109	93.1	74.5	111.7



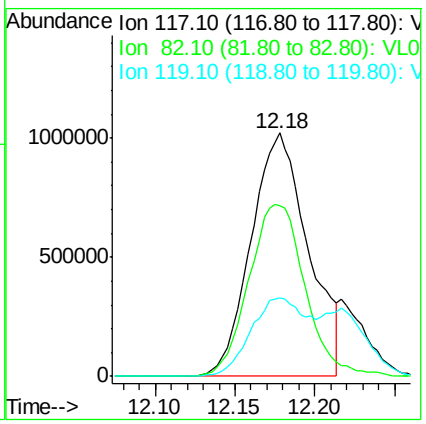


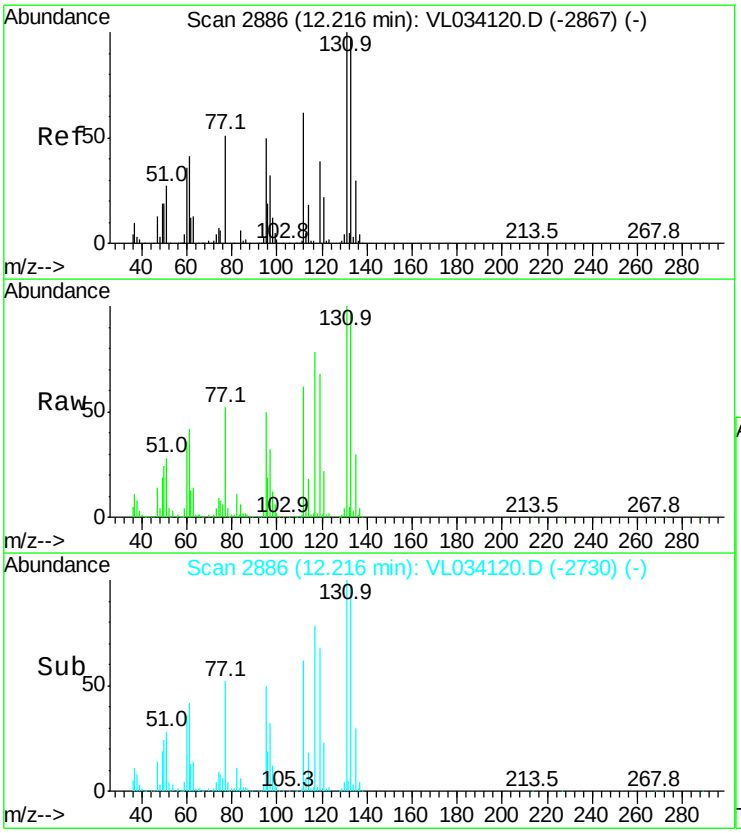
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.18 min Scan# 2874
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 2522152

Ion	Ratio	Lower	Upper
117	100		
82	69.7	55.8	83.6
119	53.9	43.1	64.7

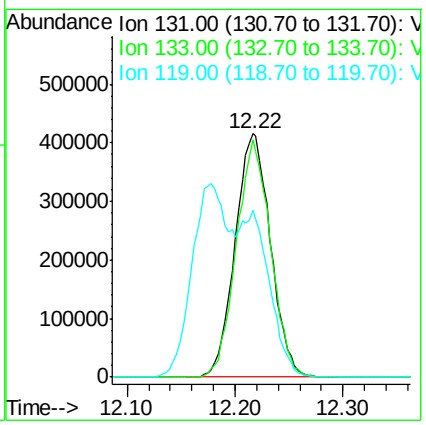


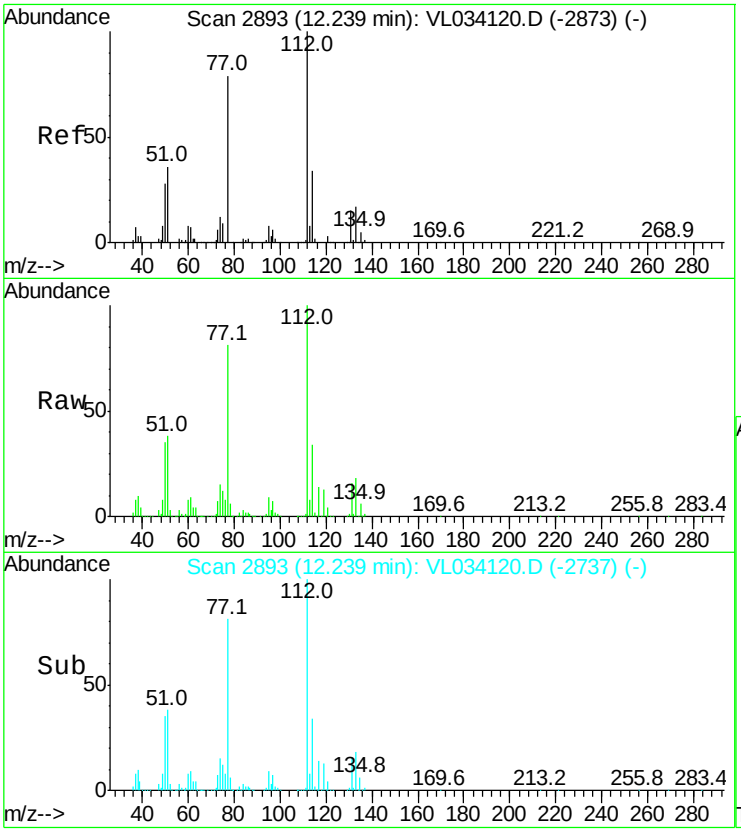


#56
1,1,1,2-Tetrachloroethane
Concen: 8.757 ppbv
RT: 12.22 min Scan# 2886
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Tgt Ion:131 Resp: 947332

Ion	Ratio	Lower	Upper
131	100		
133	94.7	75.8	113.6
119	143.4	114.7	172.1



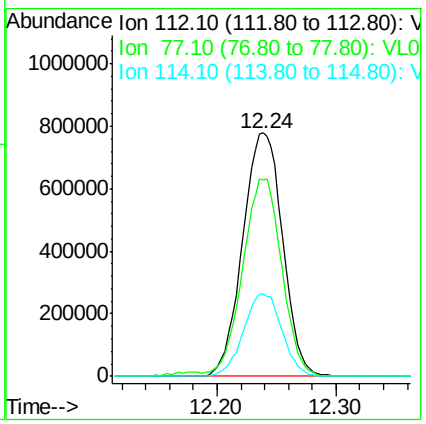


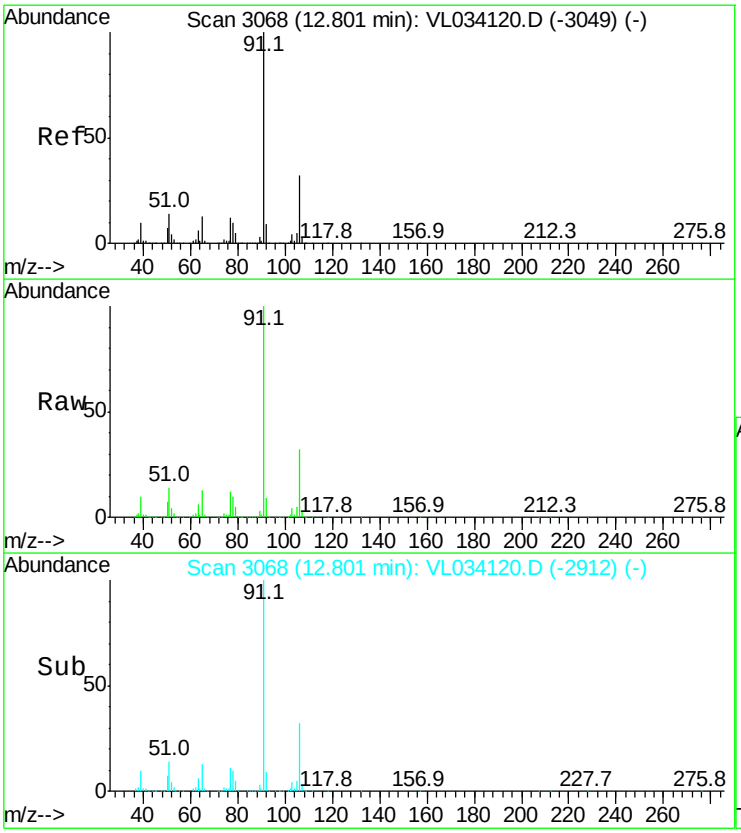
#57
Chlorobenzene
Concen: 8.319 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:112 Resp: 1804870

Ion	Ratio	Lower	Upper
112	100		
77	80.5	64.4	96.6
114	33.7	30.3	37.1

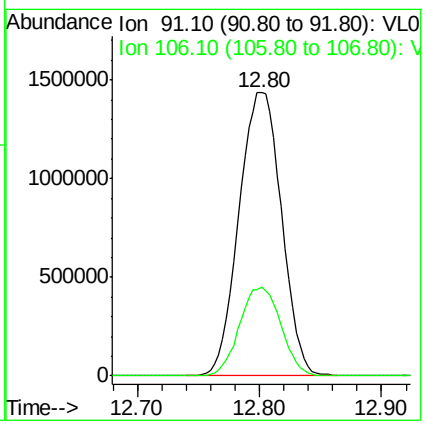


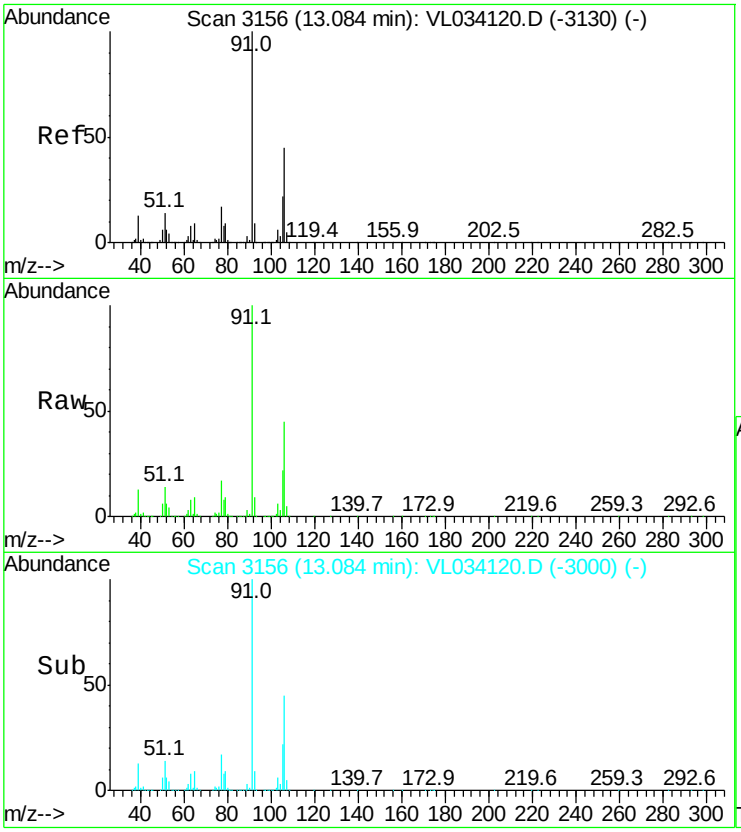


#58
Ethyl Benzene
Concen: 8.372 ppbv
RT: 12.80 min Scan# 3068
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Tgt Ion: 91 Resp: 3458827

Ion	Ratio	Lower	Upper
91	100		
106	31.6	25.3	37.9



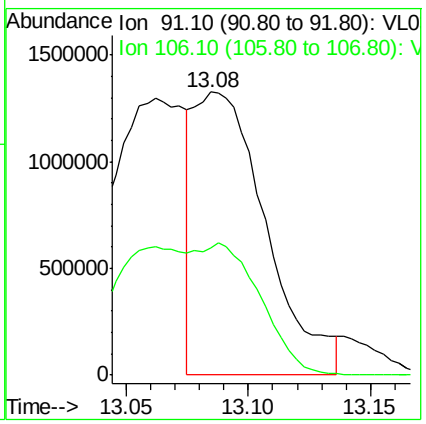


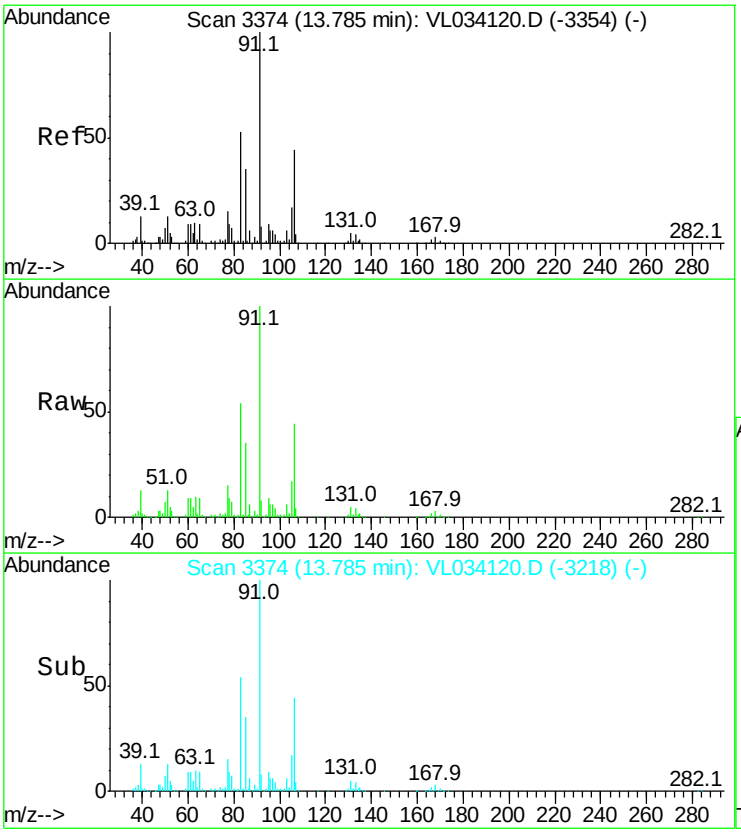
#59
m/p-Xylene
Concen: 8.012 ppbv
RT: 13.08 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 91 Resp: 2696489

Ion	Ratio	Lower	Upper
91	100		
106	92.5	35.4	53.2#





#60
o-Xylene
Concen: 8.197 ppbv
RT: 13.79 min Scan# 3374
Delta R.T. 0.00 min
Lab File: VL034120.D
Acq: 5 Sep 2019 2:28

Tgt Ion: 91 Resp: 2754303

Ion	Ratio	Lower	Upper
91	100		
106	42.8	21.4	64.3