Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120319\

Quantitation Report (Not Reviewed)

Data File : VL034455.D
Acq On : 3 Dec 2019 11:36
Operator : SY/AP
Sample : VL1203ABS01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL1203ABS01

Quant Time: Dec 03 12:14:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 19 14:15:35 2019
QLast Update : Tue Nov 19 14:15:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	954865	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.21	114	1931093	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.15	117	2090659	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.49	95	1705782	9.70	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.03	85	1864429	10.793	ppbv	100
3) Chlorodifluoromethane	2.97	51	1088173	9.134	ppbv	98
4) Chloromethane	3.12	50	657912	9.362	ppbv	98
5) Vinyl Chloride	3.24	62	613089	9.312	ppbv	92
6) Bromomethane	3.46	94	322206	9.726	ppbv	94
7) Chloroethane	3.55	64	229087	9.586	ppbv	98
8) Dichlorotetrafluoroethane	3.17	85	1415323	9.124	ppbv	99
9) Propene	2.99	41	477135	9.021	ppbv	98
10) Heptane	8.16	43	1268917	9.296	ppbv	100
11) Trichlorofluoromethane	3.94	101	1621830	9.434	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1084246	9.497	ppbv	100
13) Ethanol	3.60	45	104497	7.092	ppbv	97
14) Bromoethene	3.73	108	438415	9.444	ppbv	99
15) Acetone	3.84	43	1184424	8.662	ppbv	99
16) 1,3-Butadiene	3.31	39	563366	9.459	ppbv	99
17) tert-Butyl alcohol	4.29	59	1021732	8.890	ppbv	100
18) 1,1-Dichloroethene	4.29	96	485675	9.725	ppbv	96
19) Isopropyl Alcohol	3.97	45	812940	9.276	ppbv	100
20) Methylene Chloride	4.34	84	430894	8.887	ppbv	97
21) Allyl Chloride	4.41	41	837340	10.220	ppbv	99
22) trans-1,2-Dichloroethene	4.89	96	493381	9.800	ppbv	98
23) Vinyl Acetate	5.09	43	1787824	10.009	ppbv	99
24) 1,1-Dichloroethane	5.02	63	1283133	9.352	ppbv	100
25) Ethyl Acetate	5.69	43	2247051	9.210	ppbv	100
26) Hexane	5.71	57	945938	9.022	ppbv	98
27) Carbon Disulfide	4.56	76	1265276	11.080	ppbv	98
28) Methyl tert-Butyl Ether	5.04	73	1697975	9.767	ppbv	100
29) Chloroform	5.78	83	1572150	9.260	ppbv	96
30) Cyclohexane	7.17	84	752276	9.491	ppbv	99
31) cis-1,2-Dichloroethene	5.57	61	1045311	9.648	ppbv	97
32) 1,1,1-Trichloroethane	6.54	97	1615260	10.147	ppbv	99
34) 2-Butanone	5.26	43	1467845	9.235	ppbv	100
35) Carbon Tetrachloride	7.05	117	1681459	10.127	ppbv	97
36) Benzene	6.92	78	1805691	9.354	ppbv	96
37) 1,2-Dichloroethane	6.34	62	1372536	9.571	ppbv	100
38) Trichloroethene	7.88	130	730629	9.223	ppbv	99
39) 1,2-Dichloropropane	7.65	63	759825	10.217	ppbv	96
40) 1,4-Dioxane	7.87	88	275782	8.489	ppbv #	95
41) Tetrahydrofuran	6.07	42	841513	9.439	ppbv	99
42) Bromodichloromethane	7.83	83	1755917	9.790	ppbv	98
43) Methyl Methacrylate	8.05	69	781246	9.757	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120319\

Quantitation Report (Not Reviewed)

Data File : VL034455.D
Acq On : 3 Dec 2019 11:36
Operator : SY/AP
Sample : VL1203ABS01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL1203ABS01

Quant Time: Dec 03 12:14:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 19 14:15:35 2019
QLast Update : Tue Nov 19 14:15:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.91	57	3270381	9.270	ppbv		99
45) t-1,3-Dichloropropene	9.33	75	1117056	10.879	ppbv		99
46) cis-1,3-Dichloropropene	8.75	75	1208817	10.481	ppbv		97
47) 1,1,2-Trichloroethane	9.53	97	784514	9.483	ppbv		95
48) Dibromochloromethane	10.37	129	1456885	10.257	ppbv		99
49) Bromoform	13.11	173	1319846	10.409	ppbv		99
50) 4-Methyl-2-Pentanone	8.79	43	2174501	9.455	ppbv		100
51) 2-Hexanone	10.19	43	1839907	9.551	ppbv		97
52) Tetrachloroethene	11.28	164	685940	8.213	ppbv		96
53) Toluene	9.86	91	2093154	9.546	ppbv		100
54) 1,2-Dibromoethane	10.67	107	1179137	9.297	ppbv		100
56) 1,1,1,2-Tetrachloroethane	12.19	131	964901	9.435	ppbv		99
57) Chlorobenzene	12.21	112	1617686	8.560	ppbv		98
58) Ethyl Benzene	12.78	91	2912985	8.978	ppbv		100
59) m/p-Xylene	13.06	91	2607540	9.298	ppbv	#	39
60) o-Xylene	13.76	91	2439905	8.799	ppbv		99
61) Styrene	13.60	104	1815682	9.080	ppbv		99
62) Isopropylbenzene	14.74	105	3179073	8.669	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.74	83	1715648	8.231	ppbv		99
64) n-propylbenzene	15.64	120	822745	8.639	ppbv		96
65) tert-Butylbenzene	16.82	119	2847815	8.645	ppbv		100
66) Benzyl Chloride	17.07	91	1455193	11.483	ppbv		100
67) sec-Butylbenzene	17.37	105	3952234	8.577	ppbv		99
69) p-Isopropyltoluene	17.73	119	3280386	8.578	ppbv		100
70) n-Butylbenzene	18.63	91	3481273	8.460	ppbv		100
71) 2-Chlorotoluene	15.53	91	2497341	8.540	ppbv		99
72) 4-Ethyltoluene	15.91	105	2818766	8.798	ppbv		99
73) 1,3,5-Trimethylbenzene	16.07	105	2704223	8.623	ppbv		96
74) 1,2,4-Trimethylbenzene	16.84	105	2781184	8.348	ppbv		93
75) 1,3-Dichlorobenzene	17.08	146	1590240	8.305	ppbv		100
76) 1,4-Dichlorobenzene	17.22	146	1590812	8.555	ppbv		99
77) 1,2-Dichlorobenzene	17.90	146	1539451	8.324	ppbv		99
78) Hexachloro-1,3-Butadiene	23.46	225	1320322	8.309	ppbv		99
79) Naphthalene	22.30	128	2376248	8.228	ppbv		99
80) Naphthalene,2-methyl-	25.04	142	1241653	9.521	ppbv		99
81) 1,2,4-Trichlorobenzene	22.03	180	1437627	8.103	ppbv		100

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

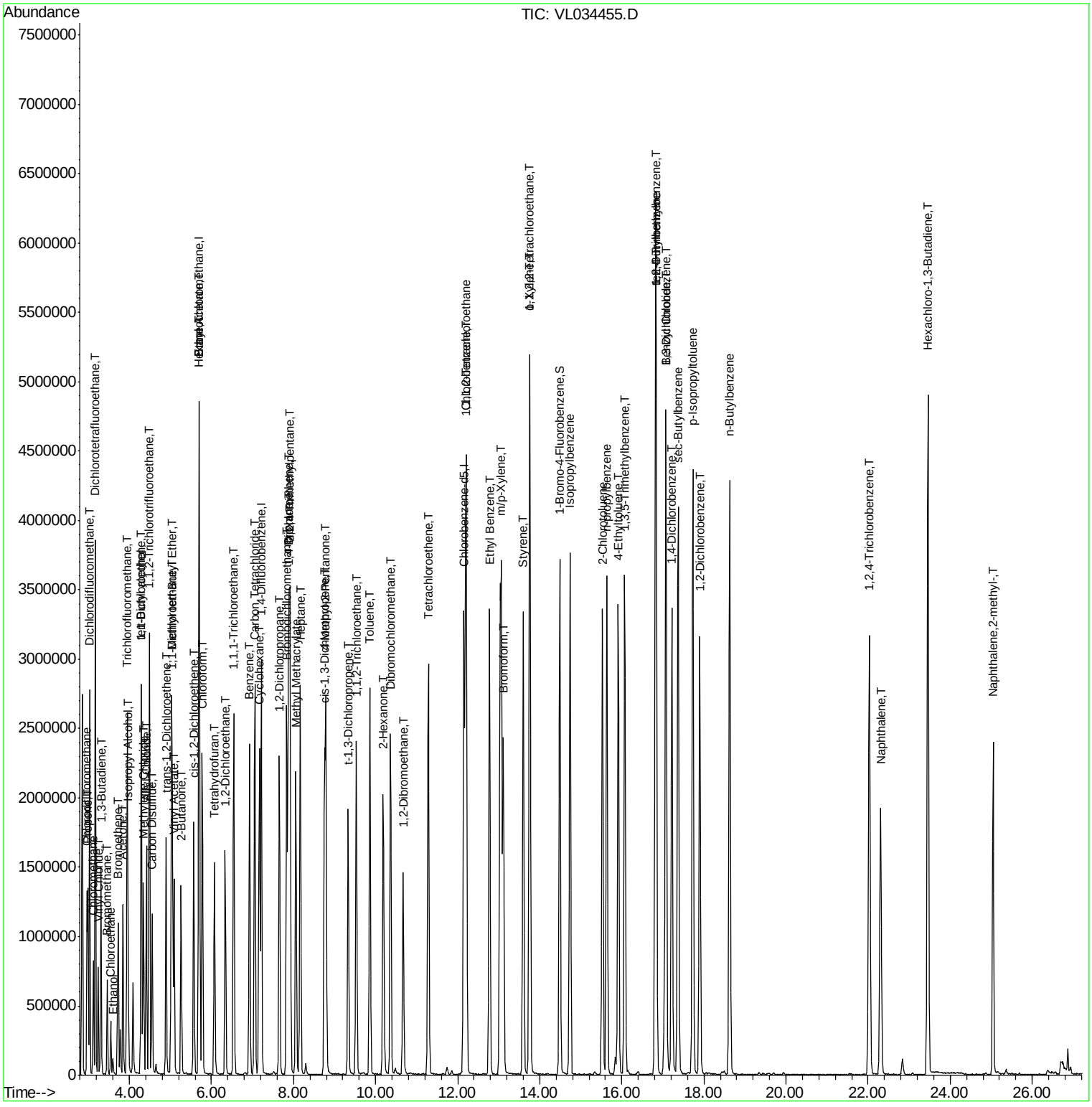
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120319\

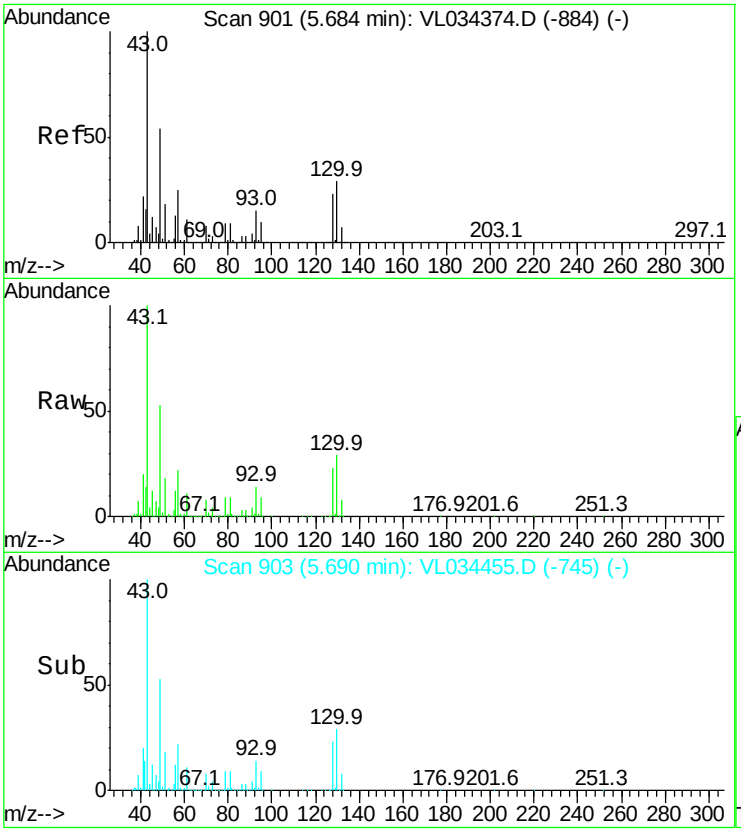
Quantitation Report (Not Reviewed)

Data File : VL034455.D
Acq On : 3 Dec 2019 11:36
Operator : SY/AP
Sample : VL1203ABS01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL1203ABS01

Quant Time: Dec 03 12:14:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 19 14:15:35 2019
QLast Update : Tue Nov 19 14:15:35 2019
Response via : Initial Calibration



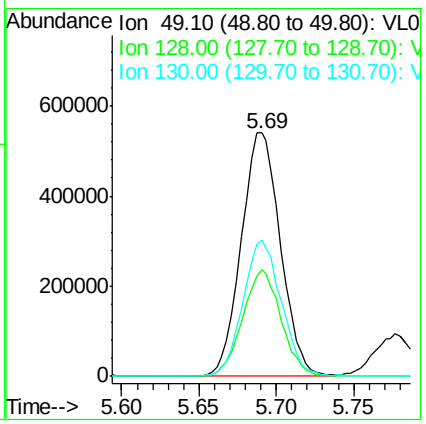


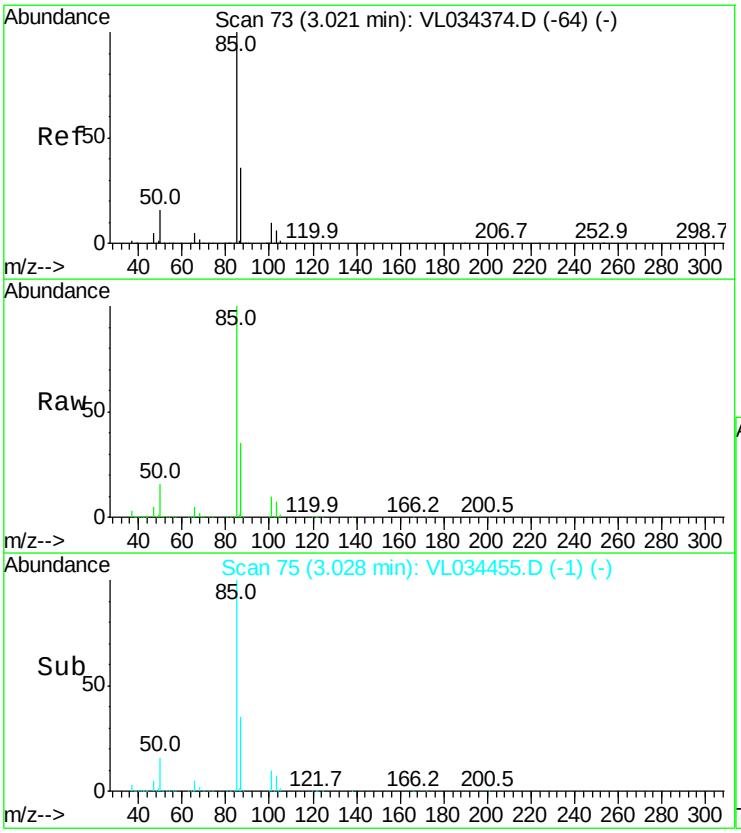
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Instrument :
MSVOA_L
ClientSampleId :
VL1203ABS01

Tgt Ion: 49 Resp: 954865

Ion	Ratio	Lower	Upper
49	100		
128	42.9	21.8	65.3
130	55.0	28.0	84.0

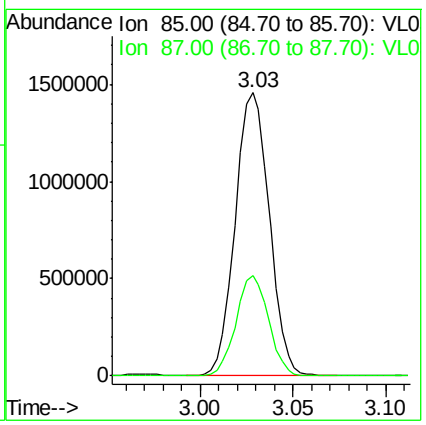


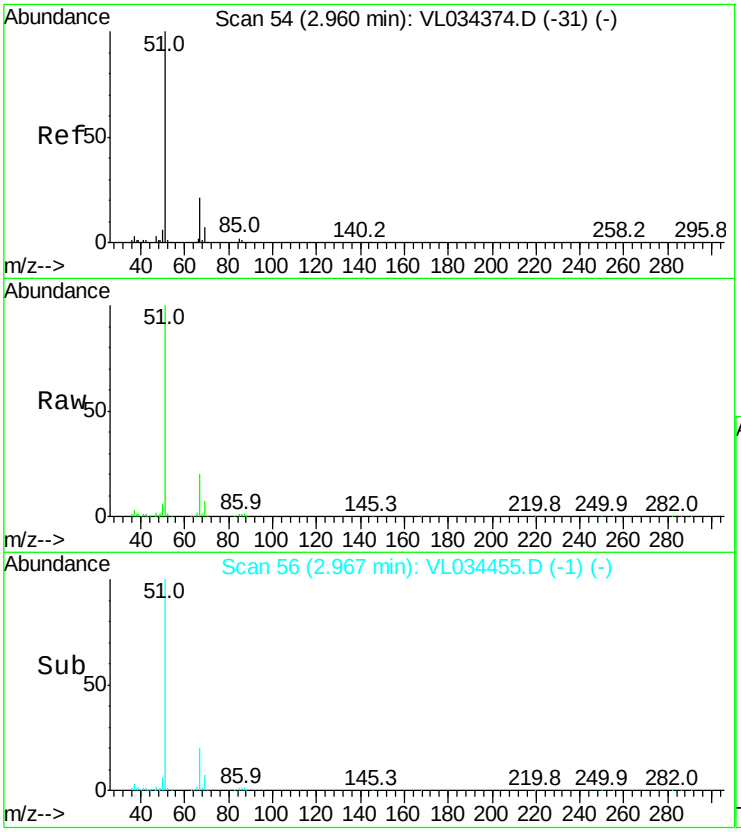


#2
Dichlorodifluoromethane
Concen: 10.793 ppbv
RT: 3.03 min Scan# 75
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Tgt Ion: 85 Resp: 1864429

Ion	Ratio	Lower	Upper
85	100		
87	35.4	28.5	42.7



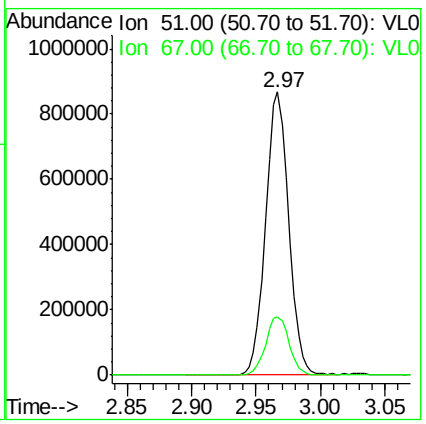


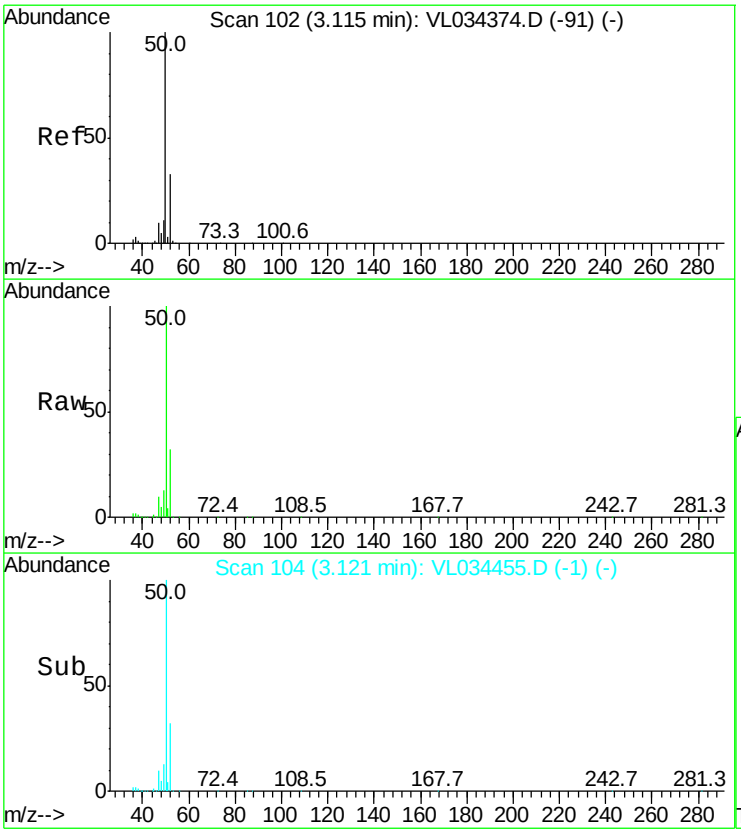
#3
Chlorodifluoromethane
Concen: 9.134 ppbv
RT: 2.97 min Scan# 56
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Instrument :
MSVOA_L
ClientSampleId :
VL1203ABS01

Tgt Ion: 51 Resp: 1088173

Ion	Ratio	Lower	Upper
51	100		
67	21.0	16.2	24.2

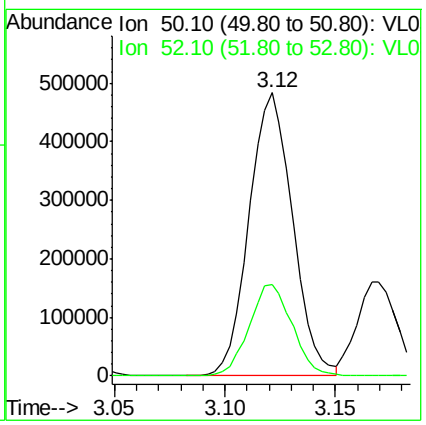


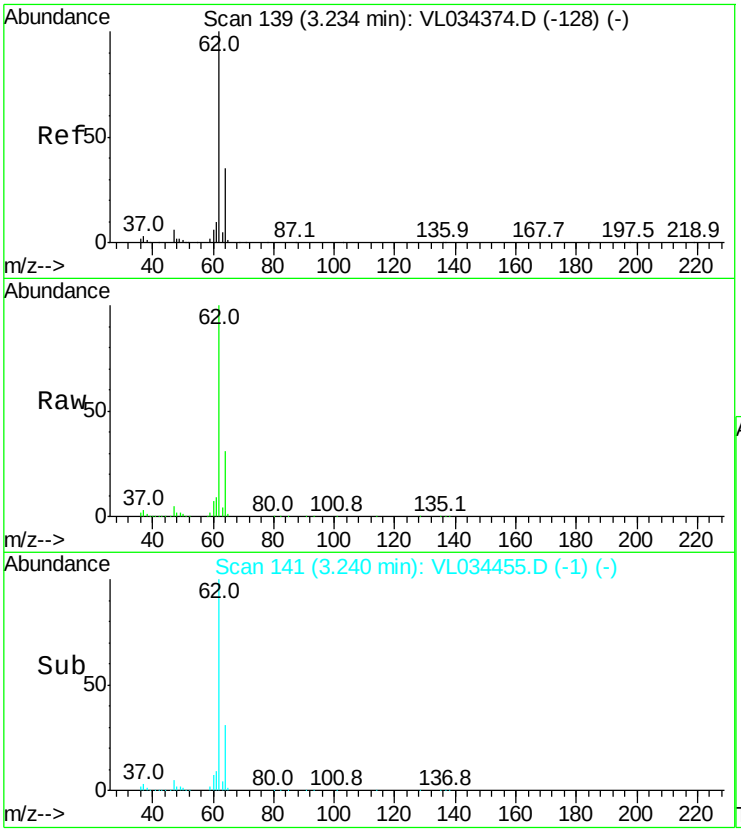


#4
Chloromethane
Concen: 9.362 ppbv
RT: 3.12 min Scan# 104
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Tgt Ion: 50 Resp: 657912

Ion	Ratio	Lower	Upper
50	100		
52	32.5	26.8	40.2



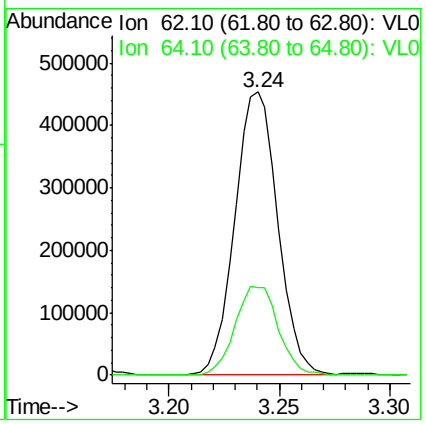


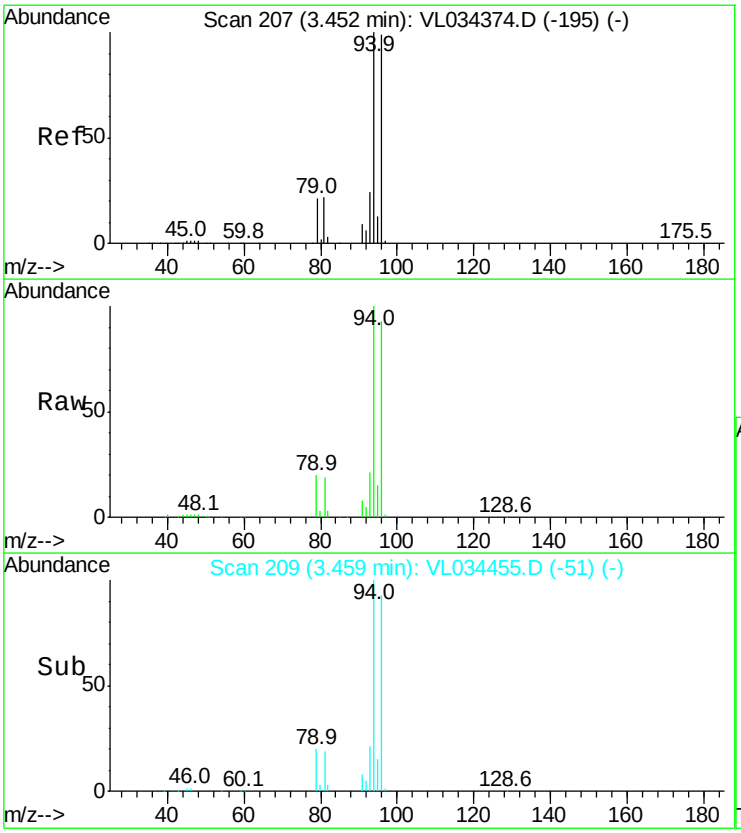
#5
Vinyl Chloride
Concen: 9.312 ppbv
RT: 3.24 min Scan# 141
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Instrument :
MSVOA_L
ClientSampleId :
VL1203ABS01

Tgt Ion: 62 Resp: 613089

Ion	Ratio	Lower	Upper
62	100		
64	31.0	28.4	42.6

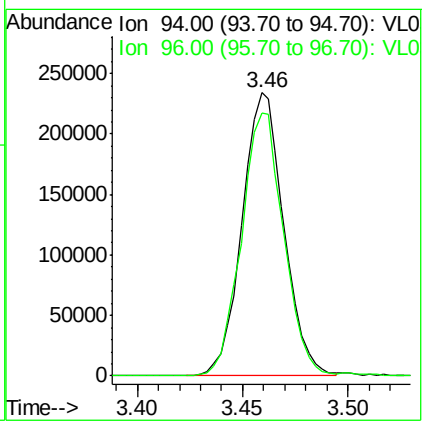


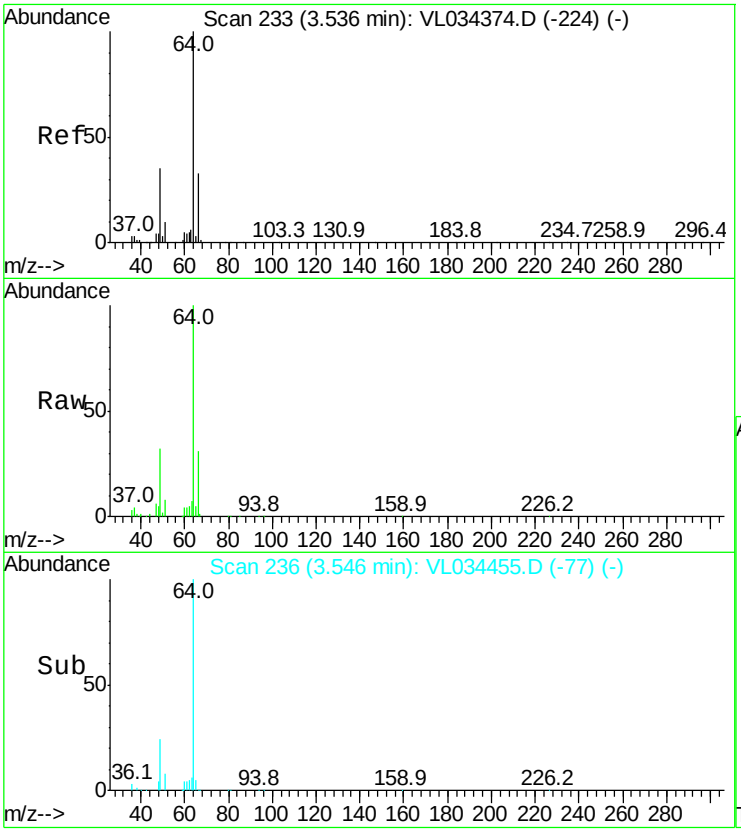


#6
Bromomethane
Concen: 9.726 ppbv
RT: 3.46 min Scan# 209
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Tgt Ion: 94 Resp: 322206

Ion	Ratio	Lower	Upper
94	100		
96	92.9	79.5	119.3



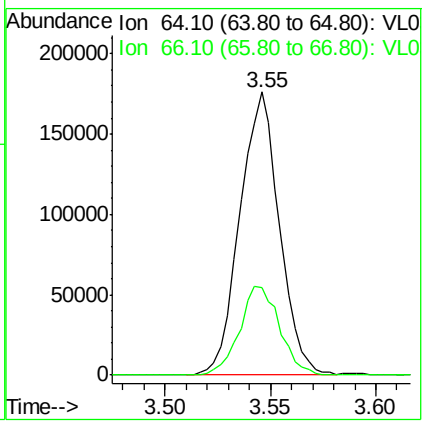


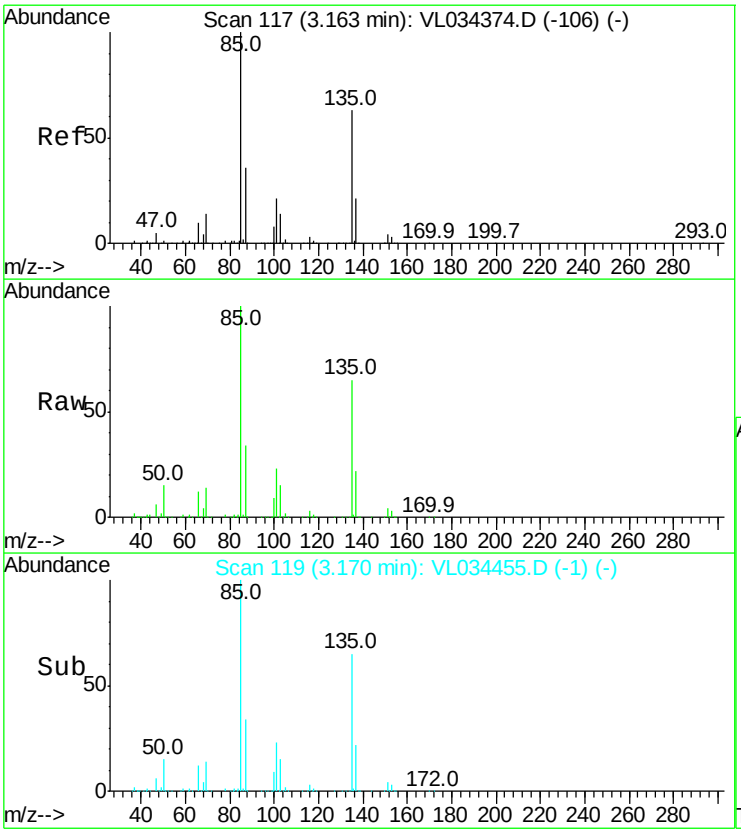
#7
Chloroethane
Concen: 9.586 ppbv
RT: 3.55 min Scan# 236
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Instrument :
MSVOA_L
ClientSampleId :
VL1203ABS01

Tgt Ion: 64 Resp: 229087

Ion	Ratio	Lower	Upper
64	100		
66	31.1	26.0	39.0

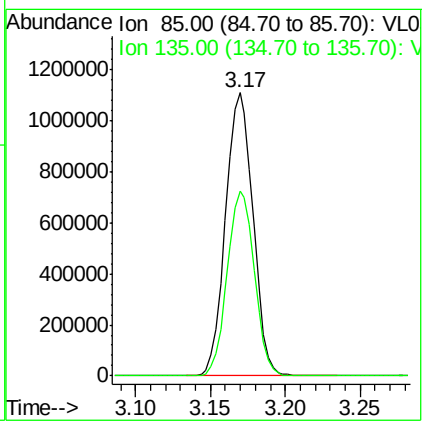


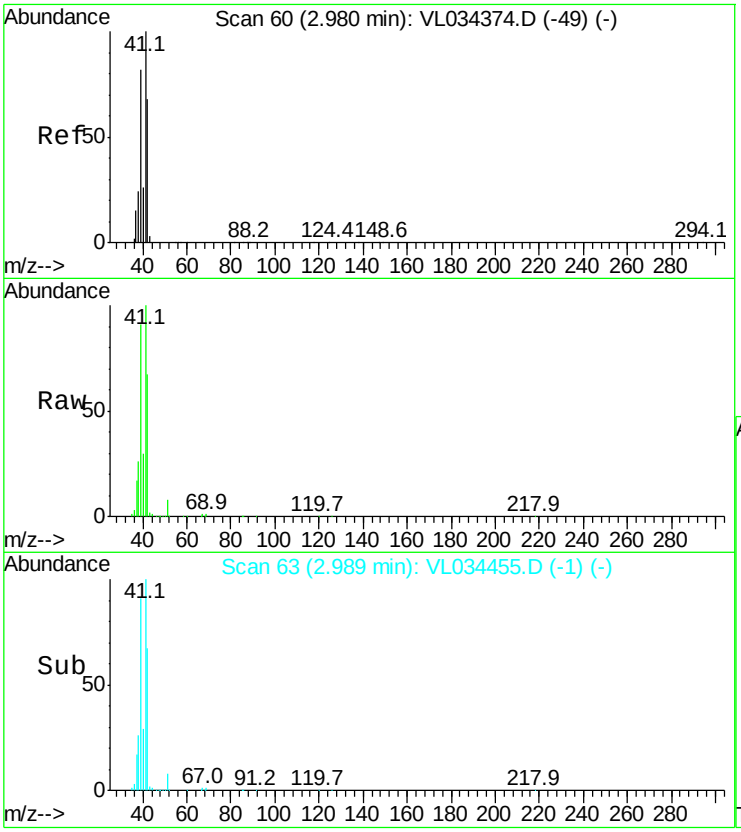


#8
Dichlorotetrafluoroethane
Concen: 9.124 ppbv
RT: 3.17 min Scan# 119
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Tgt Ion: 85 Resp: 1415323

Ion	Ratio	Lower	Upper
85	100		
135	64.8	51.1	76.7



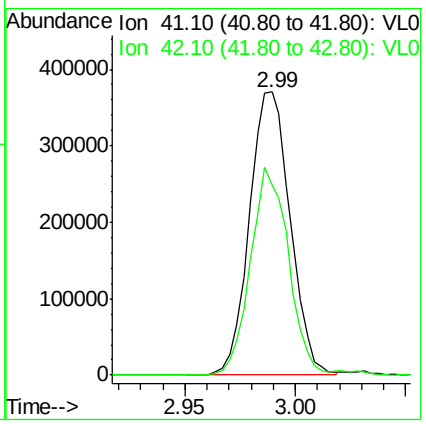


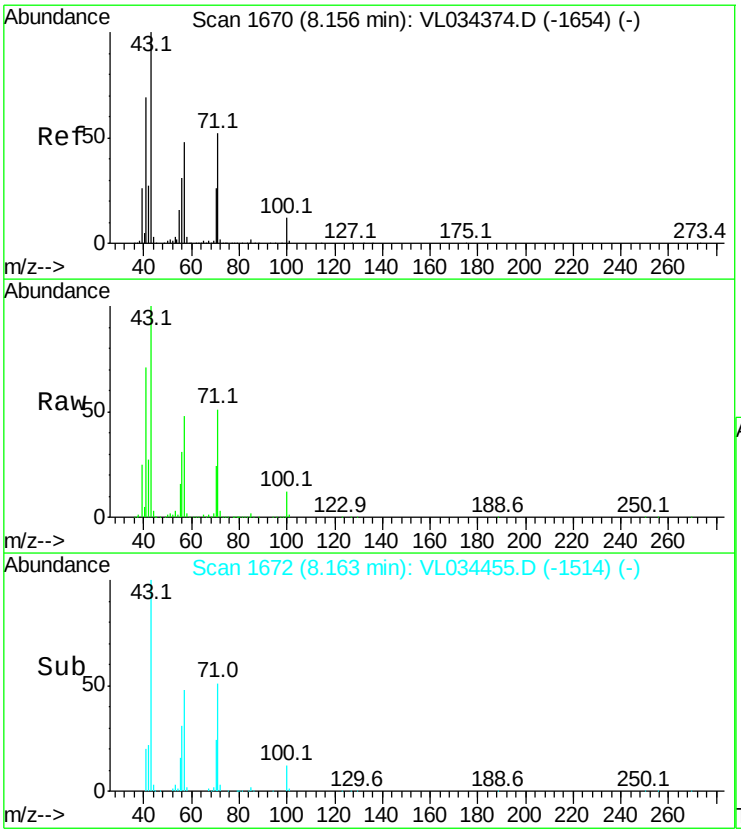
#9
Propene
Concen: 9.021 ppbv
RT: 2.99 min Scan# 63
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Instrument :
MSVOA_L
ClientSampleId :
VL1203ABS01

Tgt Ion: 41 Resp: 477135

Ion	Ratio	Lower	Upper
41	100		
42	69.7	54.6	82.0

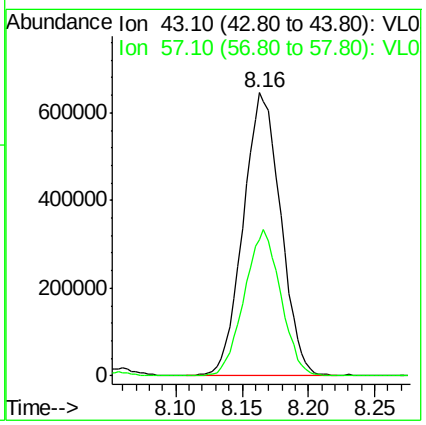


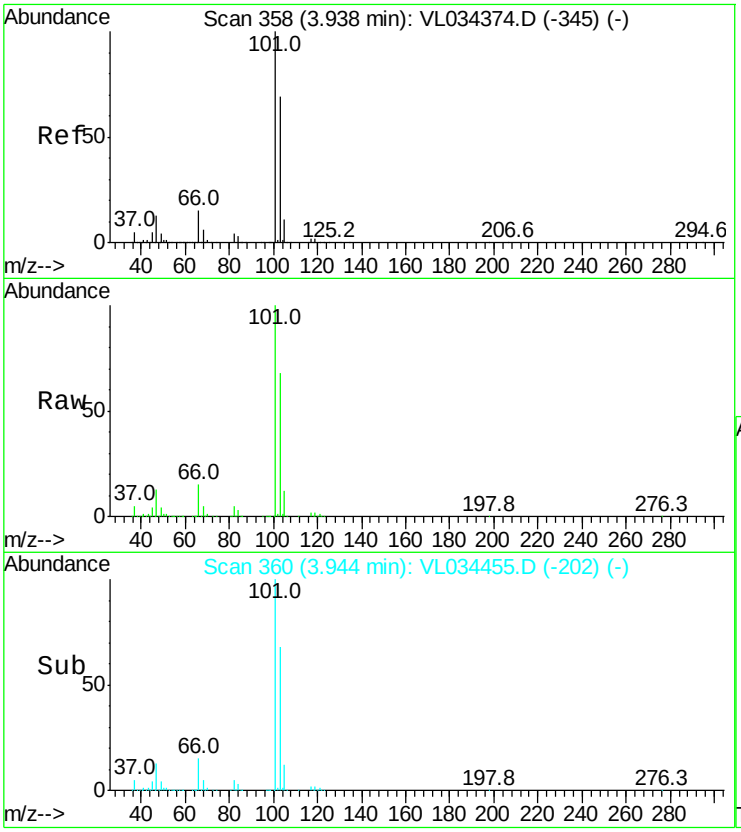


#10
Heptane
Concen: 9.296 ppbv
RT: 8.16 min Scan# 1672
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Tgt Ion: 43 Resp: 1268917

Ion	Ratio	Lower	Upper
43	100		
57	50.3	40.2	60.2



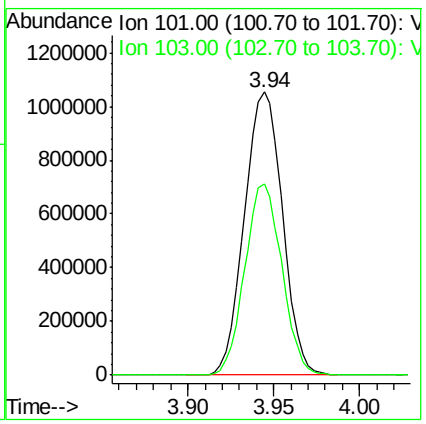


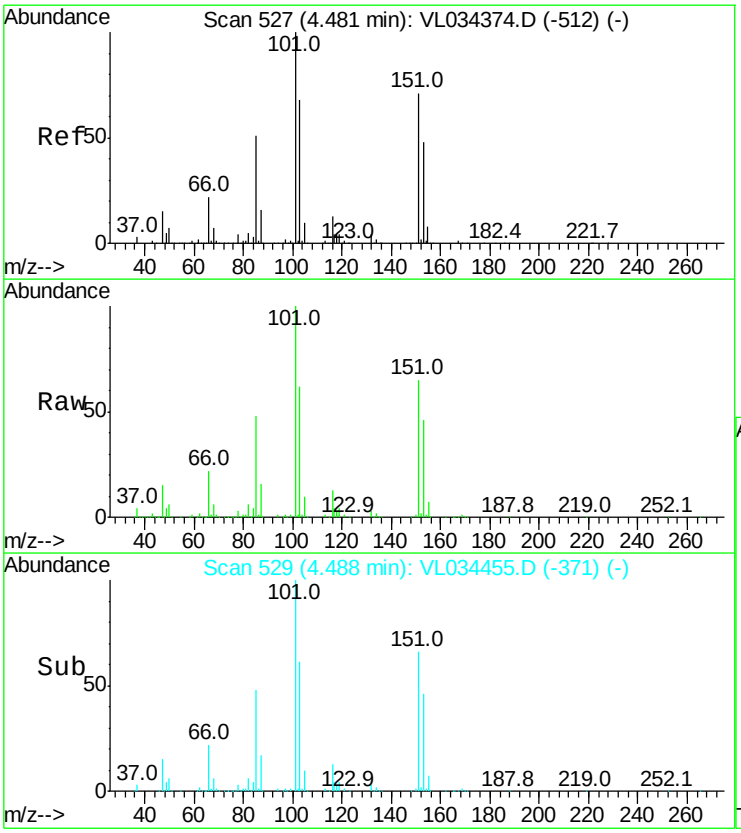
#11
Trichlorofluoromethane
Concen: 9.434 ppbv
RT: 3.94 min Scan# 360
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Instrument :
MSVOA_L
ClientSampleId :
VL1203ABS01

Tgt Ion:101 Resp: 1621830

Ion	Ratio	Lower	Upper
101	100		
103	67.7	55.4	83.0

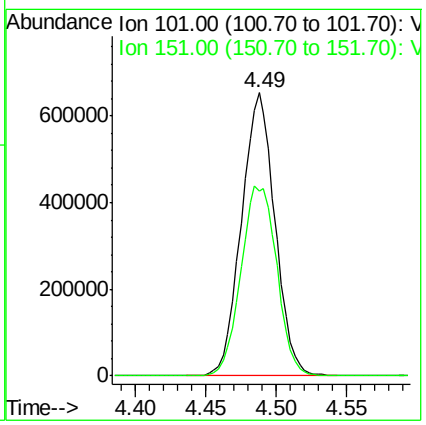


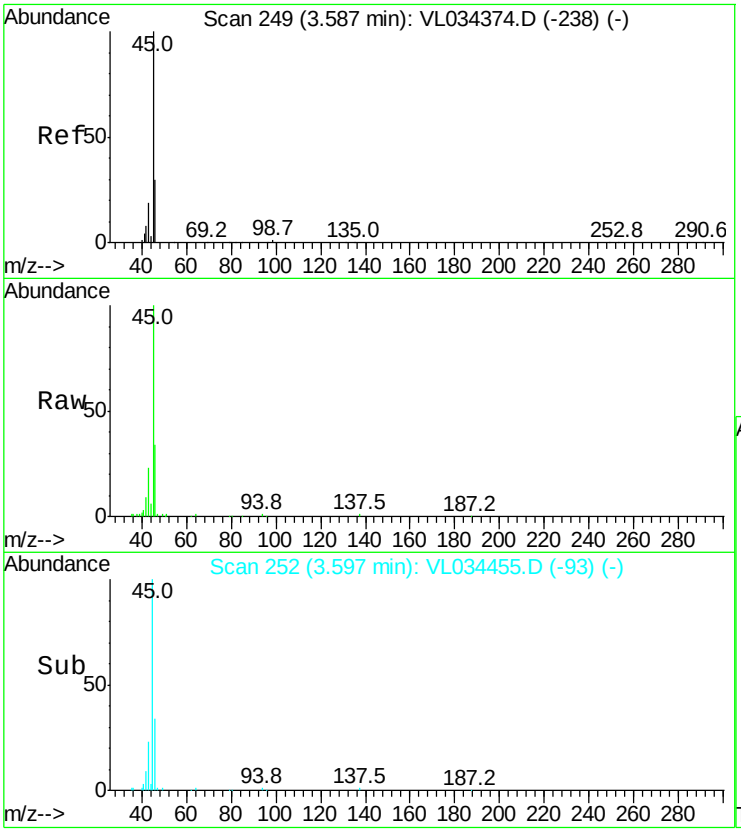


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.497 ppbv
RT: 4.49 min Scan# 529
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Tgt Ion:101 Resp: 1084246

Ion	Ratio	Lower	Upper
101	100		
151	72.1	57.4	86.2



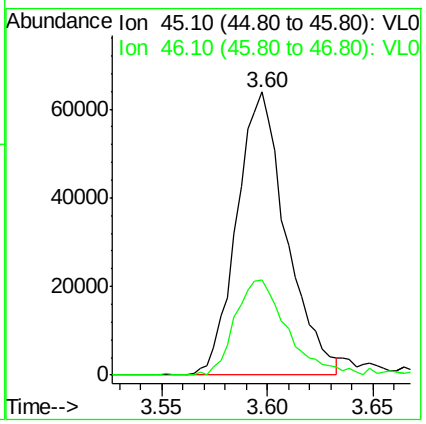


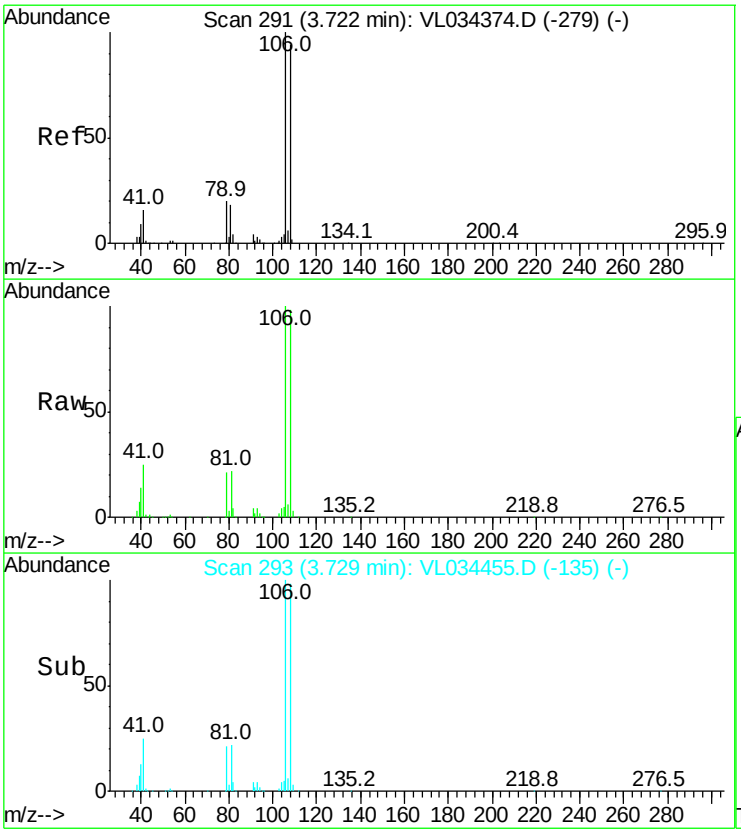
#13
Ethanol
Concen: 7.092 ppbv
RT: 3.60 min Scan# 252
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Instrument :
MSVOA_L
ClientSampleId :
VL1203ABS01

Tgt Ion: 45 Resp: 104497

Ion	Ratio	Lower	Upper
45	100		
46	36.4	13.8	55.4

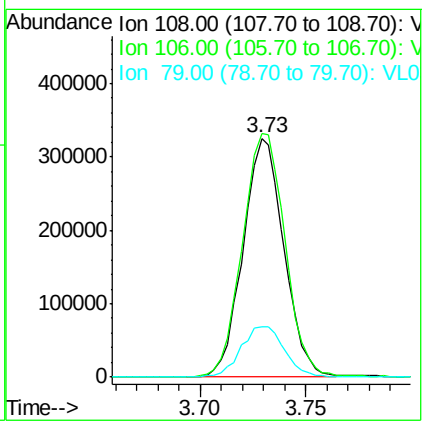


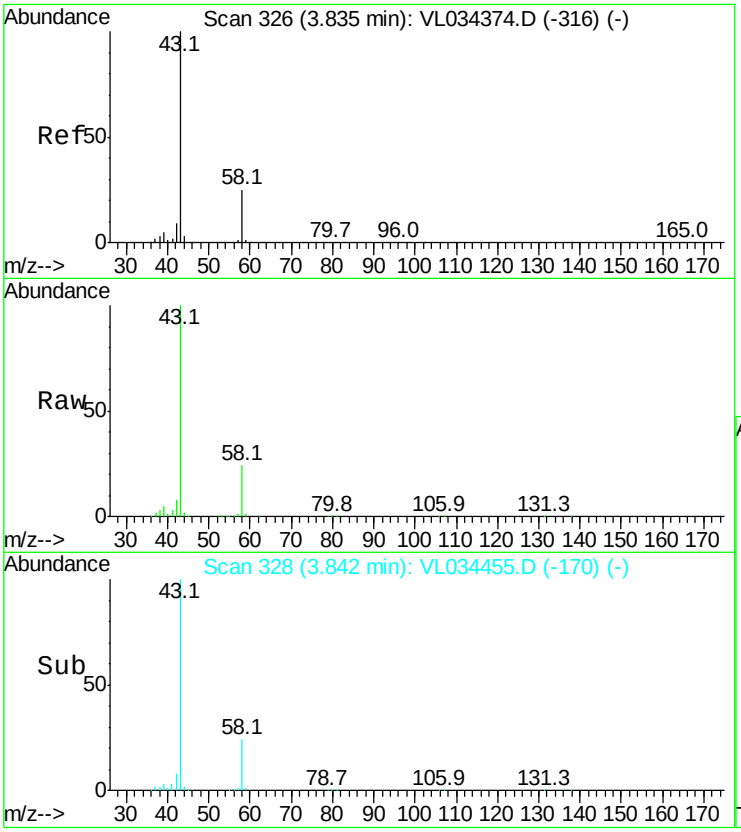


#14
Bromoethene
Concen: 9.444 ppbv
RT: 3.73 min Scan# 293
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Tgt Ion:108 Resp: 438415

Ion	Ratio	Lower	Upper
108	100		
106	107.3	85.7	128.5
79	22.5	17.2	25.8



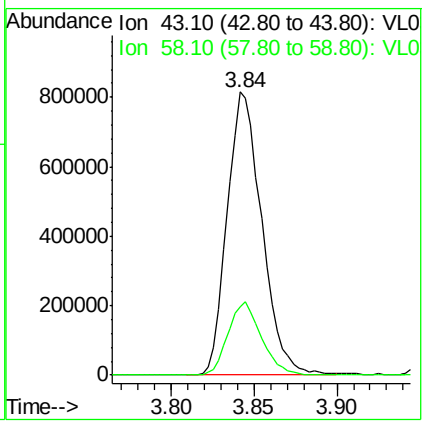


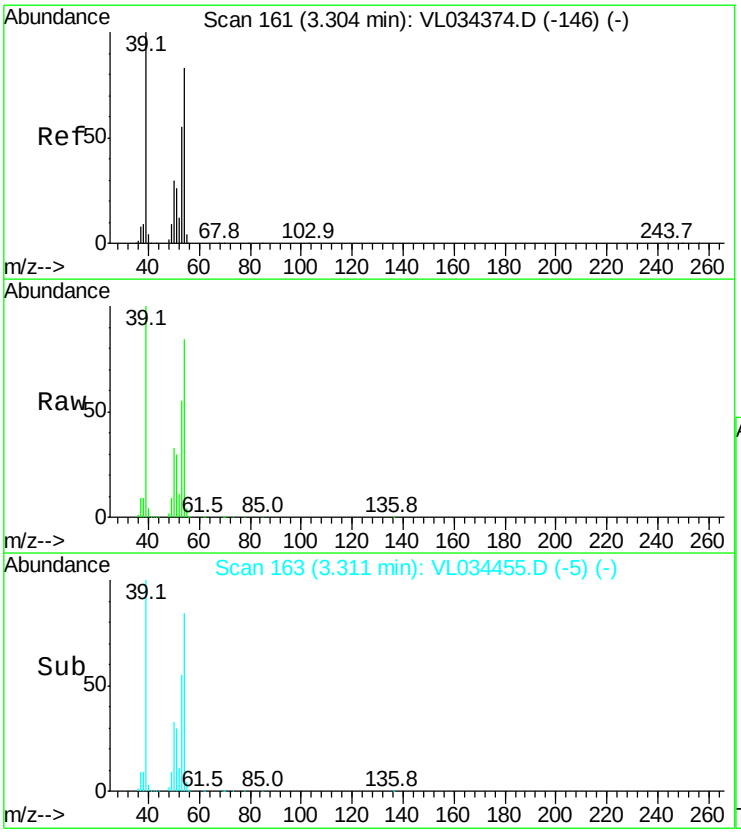
#15
Acetone
Concen: 8.662 ppbv
RT: 3.84 min Scan# 328
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Instrument : MSVOA_L
ClientSampleId : VL1203ABS01

Tgt Ion: 43 Resp: 1184424

Ion	Ratio	Lower	Upper
43	100		
58	25.0	20.2	30.4

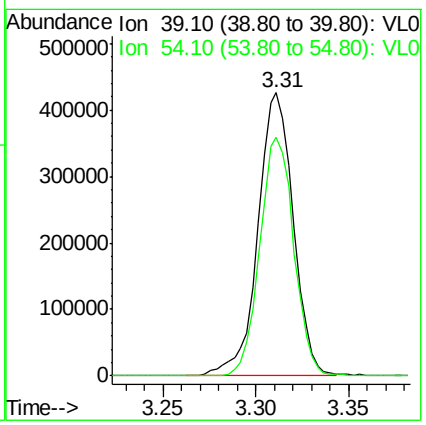


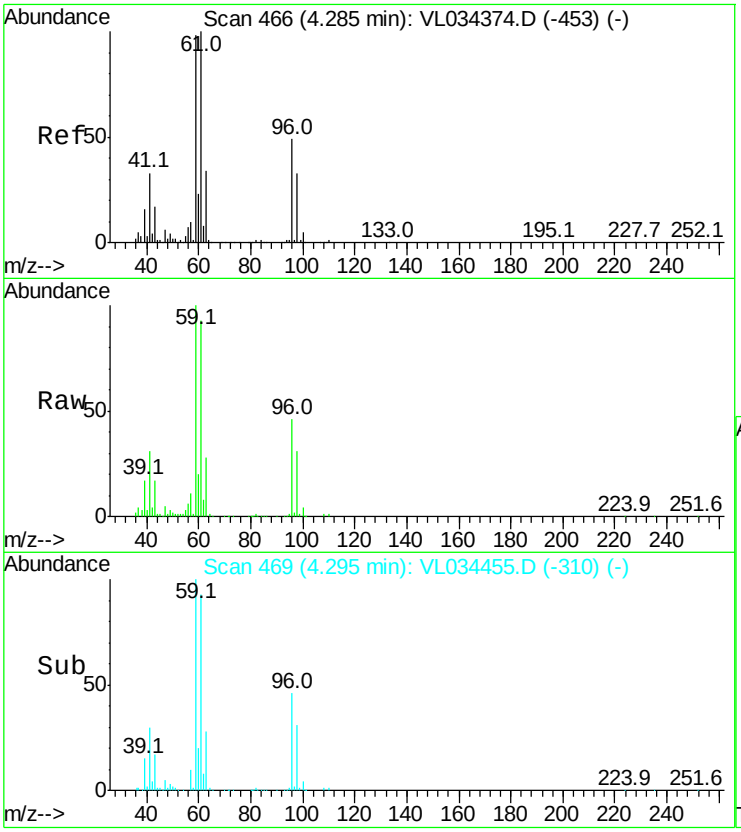


#16
1,3-Butadiene
Concen: 9.459 ppbv
RT: 3.31 min Scan# 163
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Tgt Ion: 39 Resp: 563366

Ion	Ratio	Lower	Upper
39	100		
54	81.5	64.7	97.1



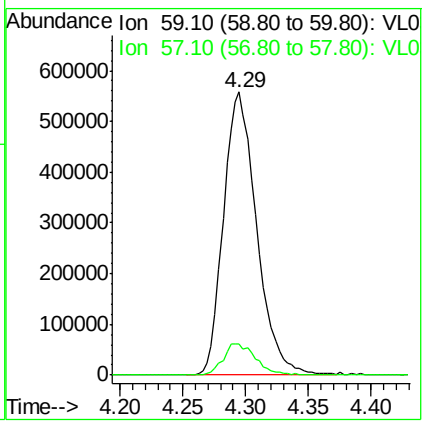


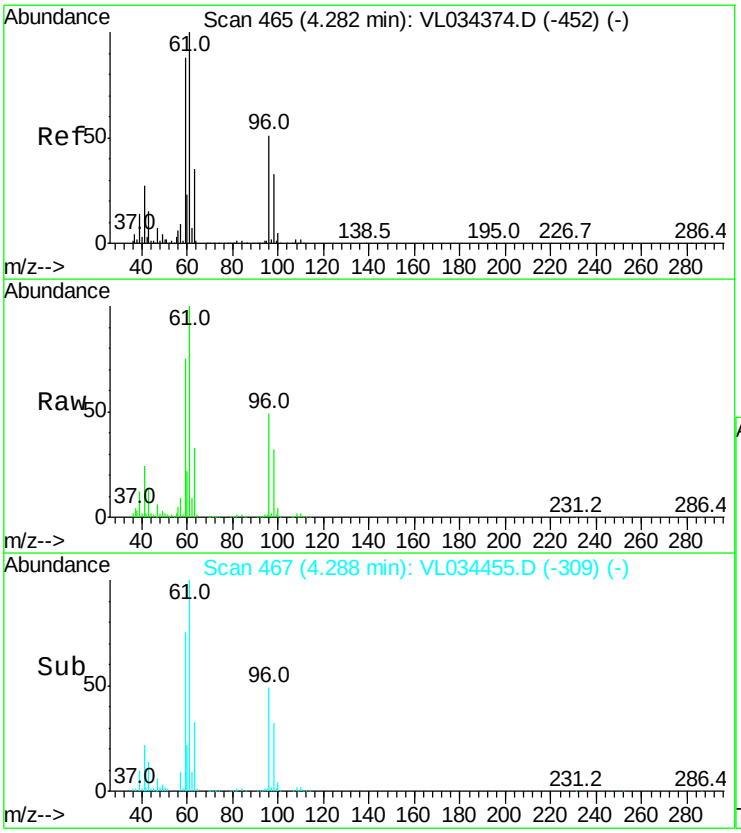
#17
tert-Butyl alcohol
Concen: 8.890 ppbv
RT: 4.29 min Scan# 469
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Instrument : MSVOA_L
ClientSampleId : VL1203ABS01

Tgt Ion: 59 Resp: 1021732

Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.8	13.2

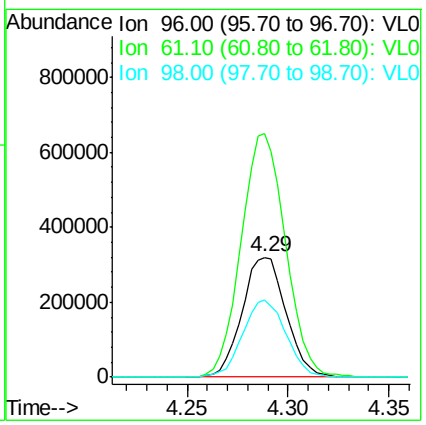


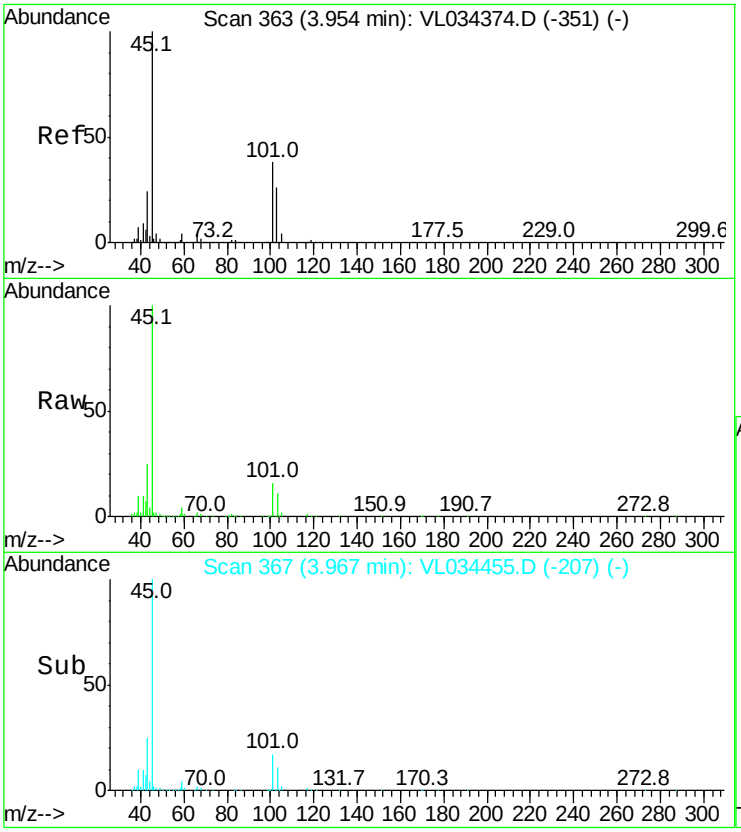


#18
1,1-Dichloroethene
Concen: 9.725 ppbv
RT: 4.29 min Scan# 467
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Tgt Ion: 96 Resp: 485675

Ion	Ratio	Lower	Upper
96	100		
61	202.6	155.6	233.4
98	64.3	51.6	77.4



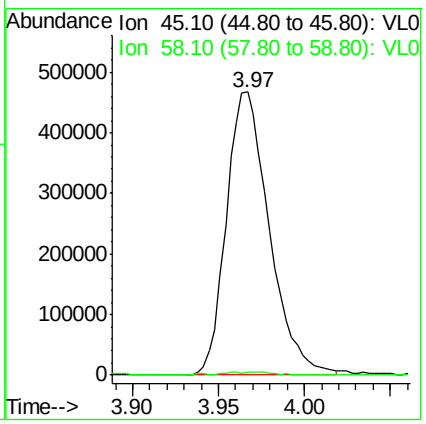


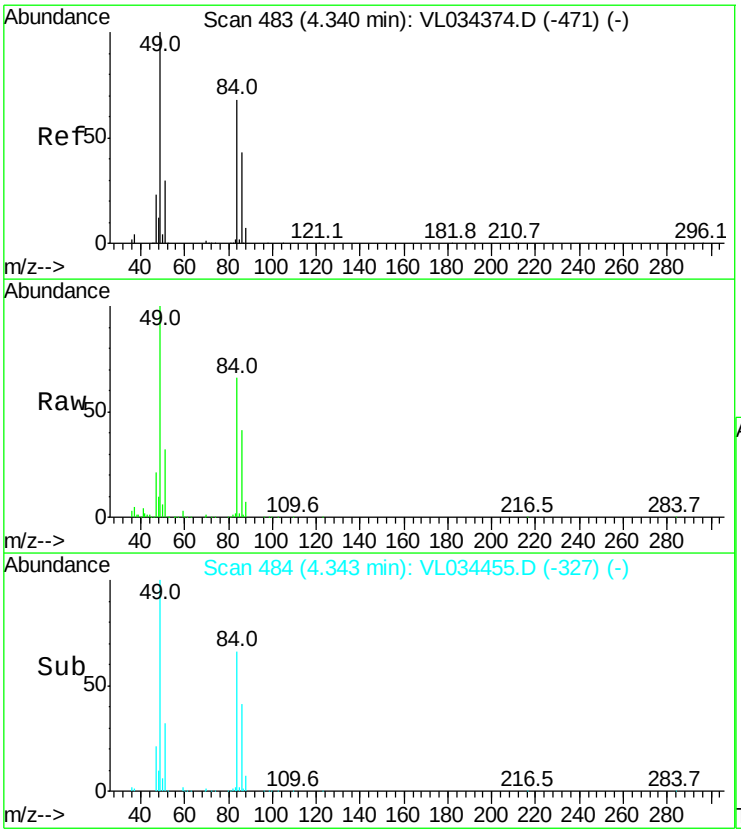
#19
Isopropyl Alcohol
Concen: 9.276 ppbv
RT: 3.97 min Scan# 367
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Instrument :
MSVOA_L
ClientSampleId :
VL1203ABS01

Tgt Ion: 45 Resp: 812940

Ion	Ratio	Lower	Upper
45	100		
58	1.6	1.3	1.9

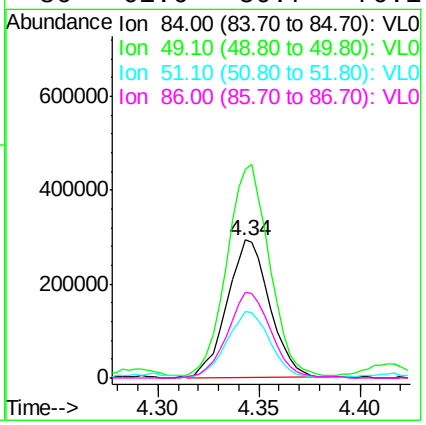


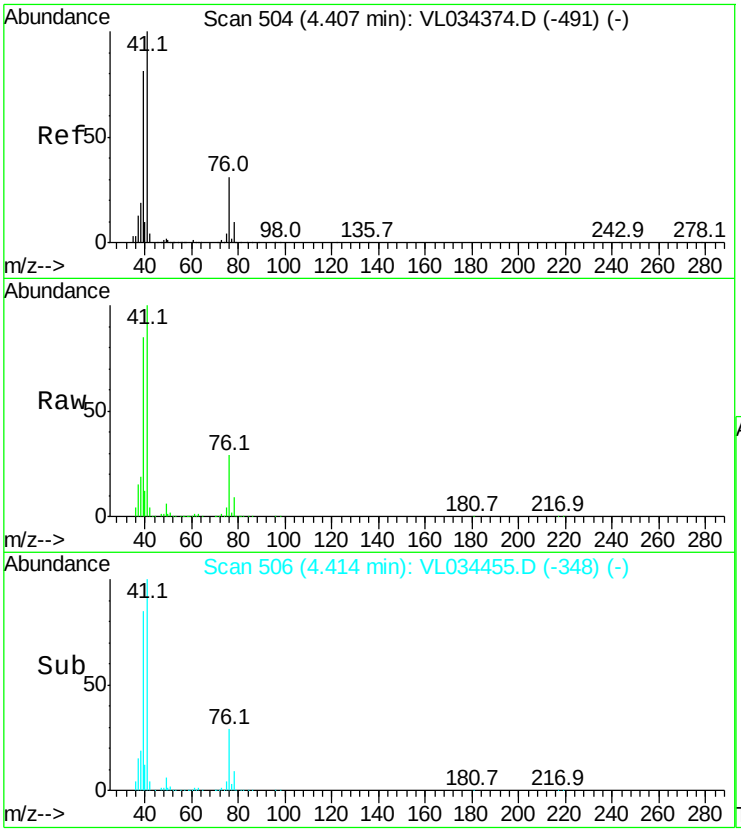


#20
Methylene Chloride
Concen: 8.887 ppbv
RT: 4.34 min Scan# 484
Delta R.T. 0.00 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Tgt Ion: 84 Resp: 430894

Ion	Ratio	Lower	Upper
84	100		
49	150.4	116.8	175.2
51	47.8	35.6	53.4
86	61.6	50.7	76.1



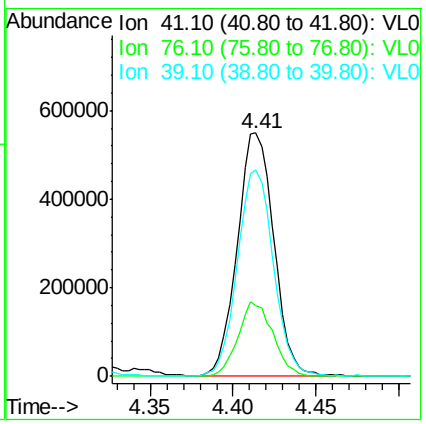


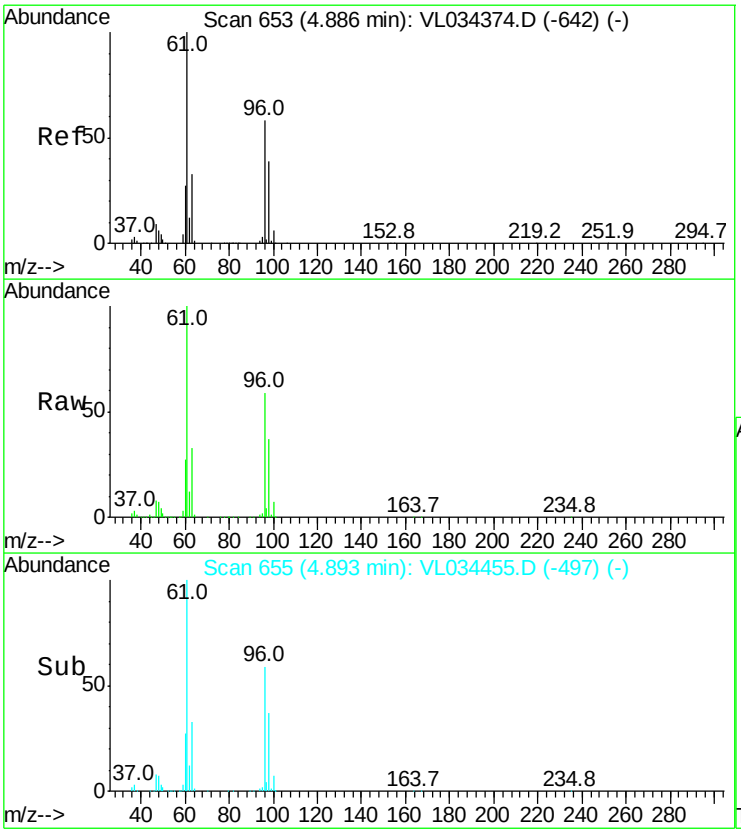
#21
Allyl Chloride
Concen: 10.220 ppbv
RT: 4.41 min Scan# 506
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Instrument : MSVOA_L
ClientSampleId : VL1203ABS01

Tgt Ion: 41 Resp: 837340

Ion	Ratio	Lower	Upper
41	100		
76	29.6	24.2	36.2
39	84.2	66.9	100.3

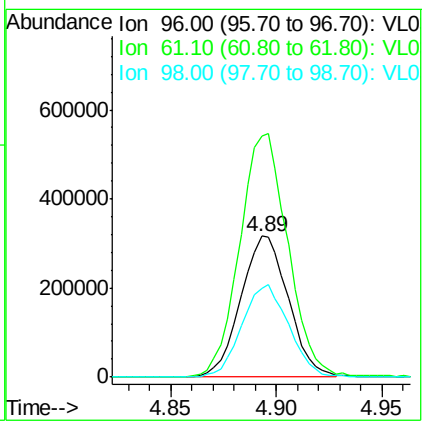


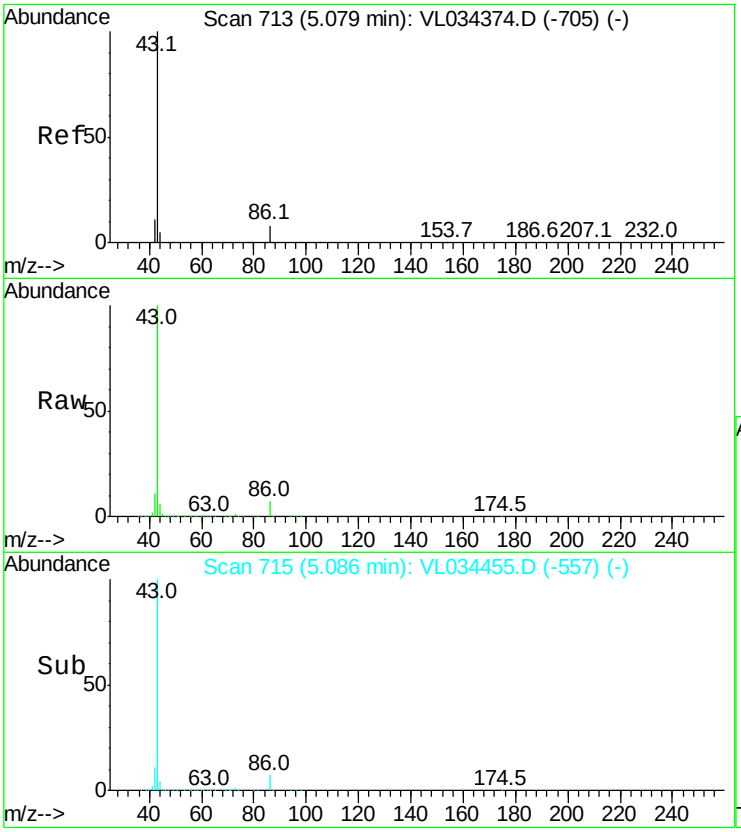


#22
trans-1,2-Dichloroethene
Concen: 9.800 ppbv
RT: 4.89 min Scan# 655
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Tgt Ion: 96 Resp: 493381

Ion	Ratio	Lower	Upper
96	100		
61	170.5	137.9	206.9
98	63.1	53.5	80.3



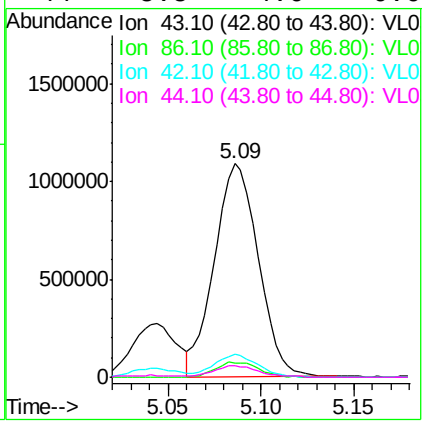


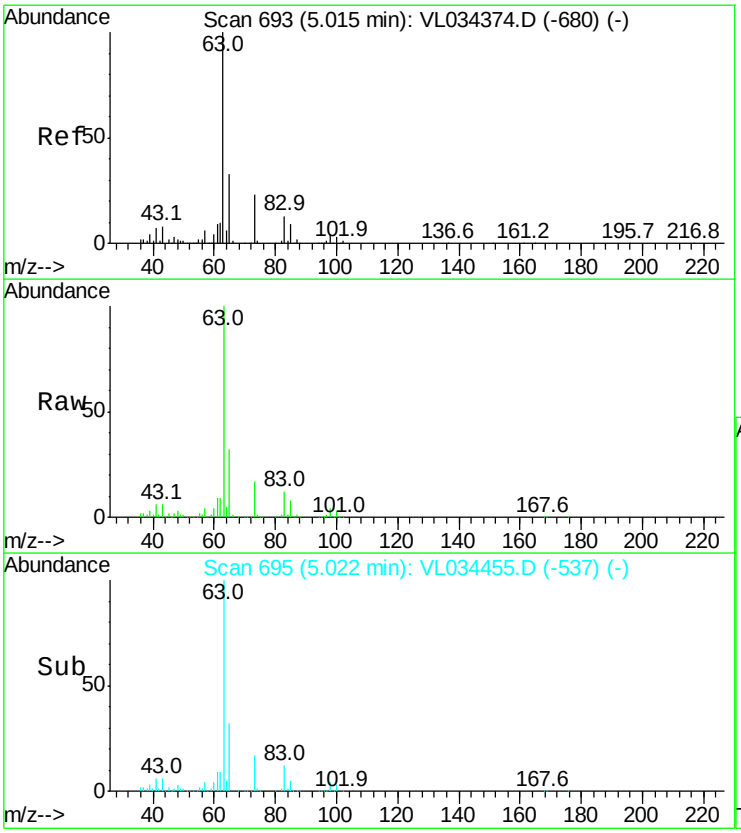
#23
Vinyl Acetate
Concen: 10.009 ppbv
RT: 5.09 min Scan# 715
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Instrument : MSVOA_L
ClientSampleId : VL1203ABS01

Tgt Ion: 43 Resp: 1787824

Ion	Ratio	Lower	Upper
43	100		
86	6.8	5.8	8.6
42	10.7	8.9	13.3
44	5.5	4.0	6.0

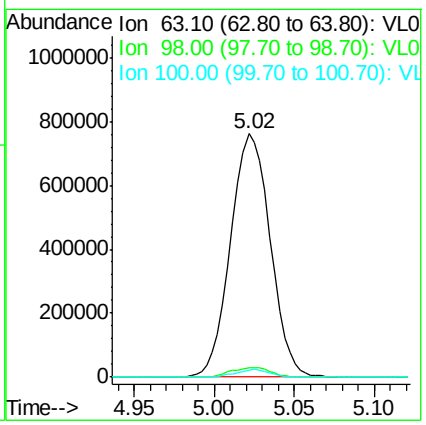


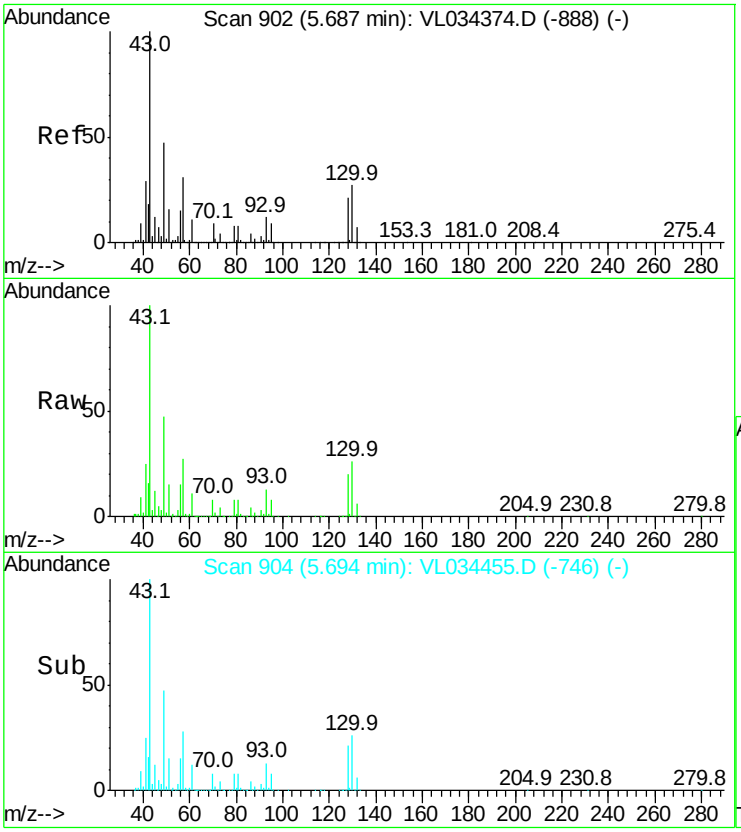


#24
1,1-Dichloroethane
Concen: 9.352 ppbv
RT: 5.02 min Scan# 695
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Tgt Ion: 63 Resp: 1283133

Ion	Ratio	Lower	Upper
63	100		
98	4.0	1.9	5.7
100	2.7	1.4	4.0



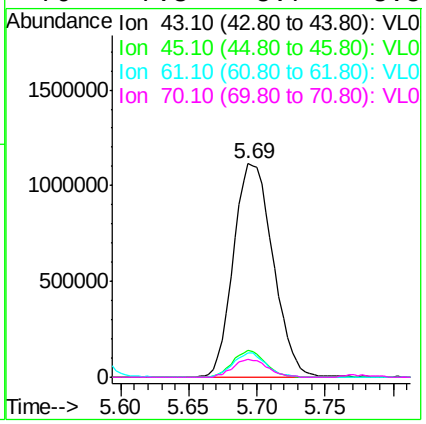


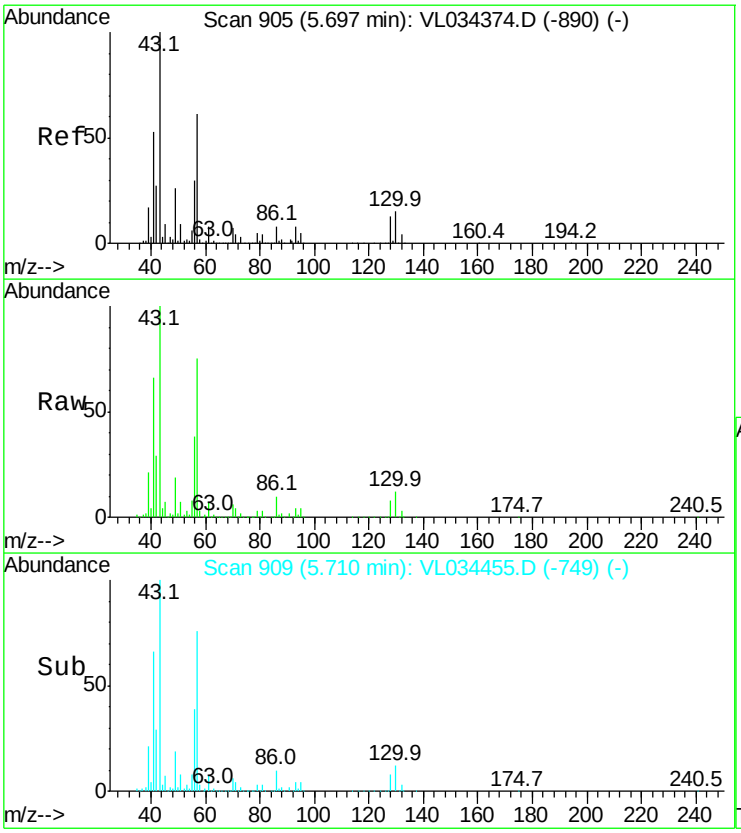
#25
Ethyl Acetate
Concen: 9.210 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Instrument : MSVOA_L
ClientSampleId : VL1203ABS01

Tgt Ion: 43 Resp: 2247051

Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.2	12.4
61	9.5	7.5	11.3
70	7.3	5.7	8.5

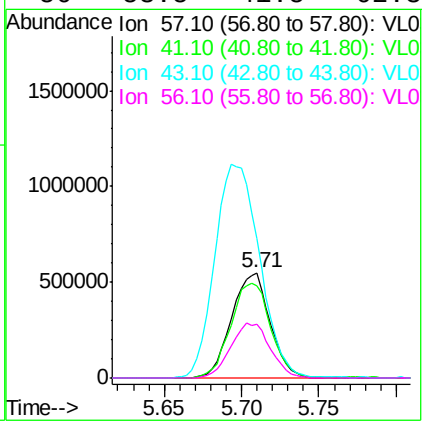


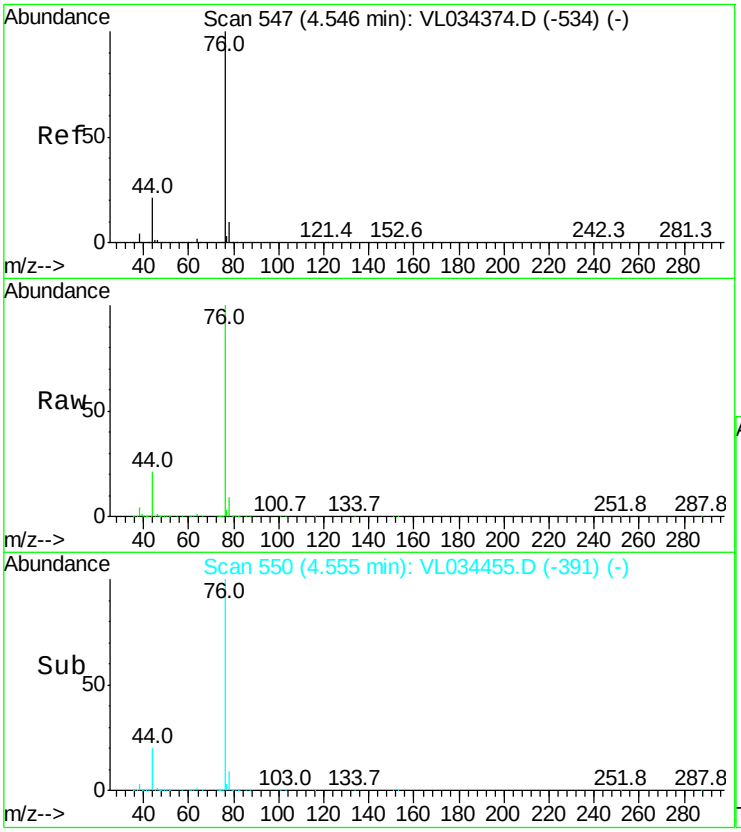


#26
Hexane
Concen: 9.022 ppbv
RT: 5.71 min Scan# 909
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Tgt Ion: 57 Resp: 945938

Ion	Ratio	Lower	Upper
57	100		
41	94.2	75.0	112.4
43	238.5	186.6	279.8
56	53.5	41.5	62.3



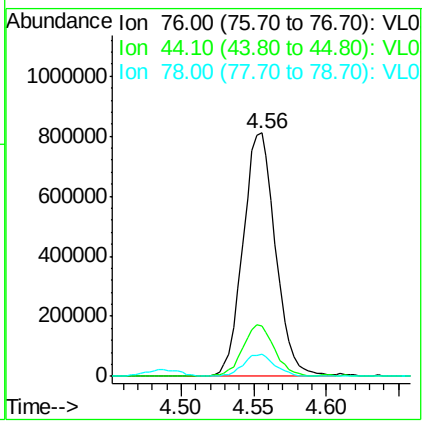


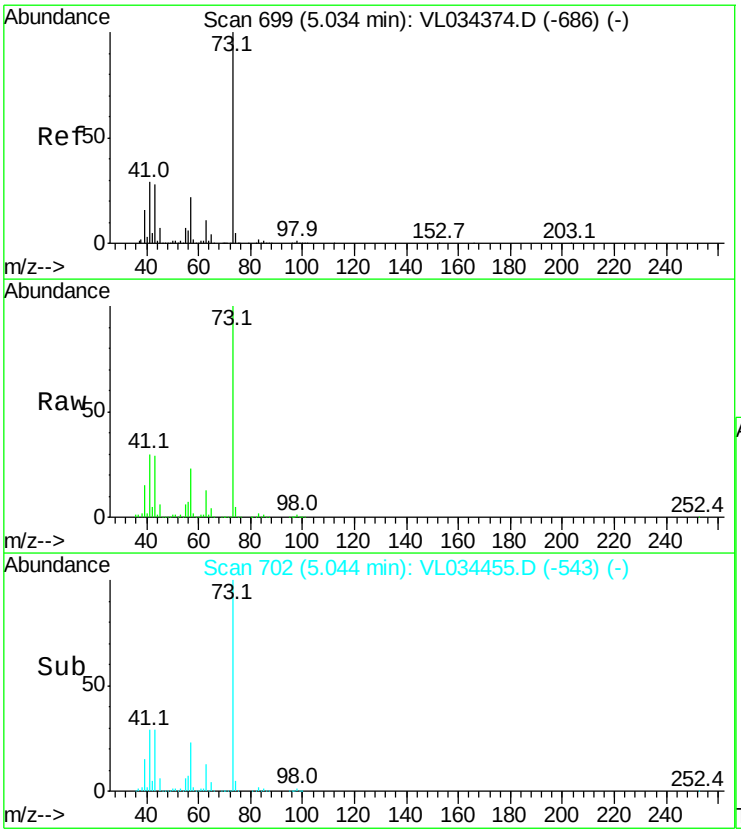
#27
Carbon Disulfide
Concen: 11.080 ppbv
RT: 4.56 min Scan# 550
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Instrument : MSVOA_L
ClientSampleId : VL1203ABS01

Tgt Ion: 76 Resp: 1265276

Ion	Ratio	Lower	Upper
76	100		
44	20.1	17.0	25.4
78	8.9	7.6	11.4

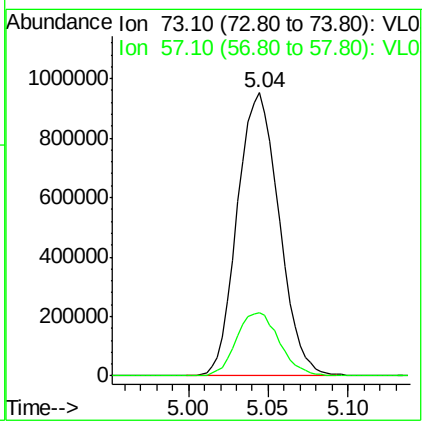


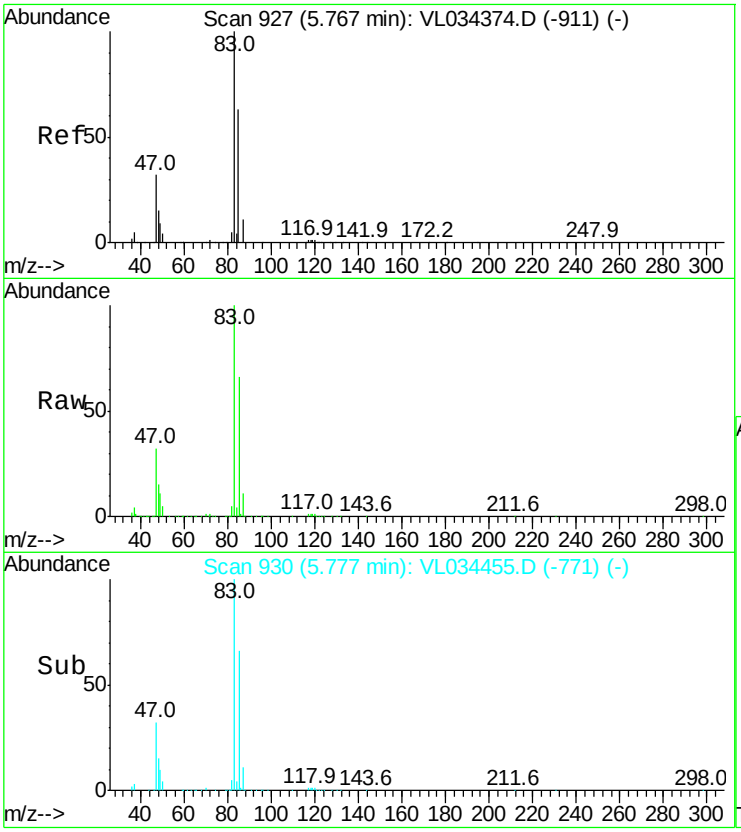


#28
Methyl tert-Butyl Ether
Concen: 9.767 ppbv
RT: 5.04 min Scan# 702
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Tgt Ion: 73 Resp: 1697975

Ion	Ratio	Lower	Upper
73	100		
57	23.1	18.4	27.6



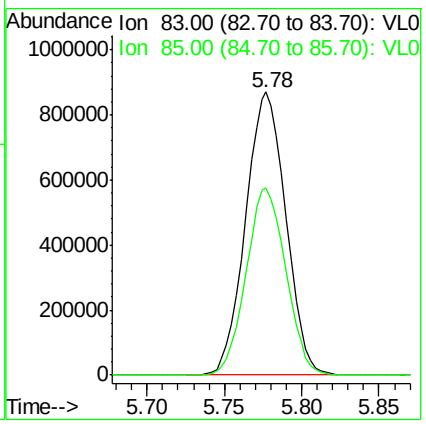


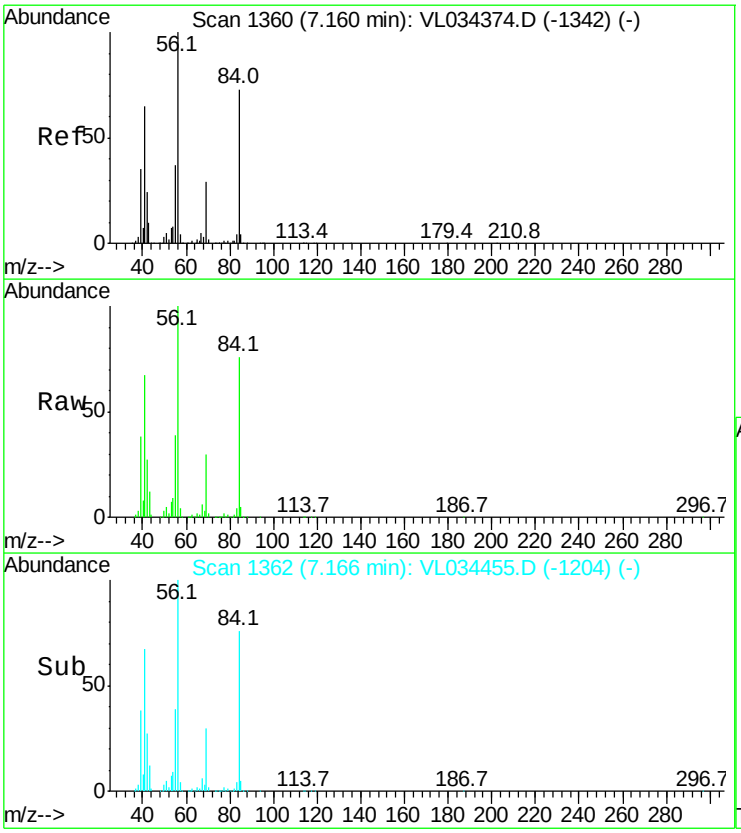
#29
Chloroform
Concen: 9.260 ppbv
RT: 5.78 min Scan# 930
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Instrument :
MSVOA_L
ClientSampleId :
VL1203ABS01

Tgt Ion: 83 Resp: 1572150

Ion	Ratio	Lower	Upper
83	100		
85	65.9	50.4	75.6

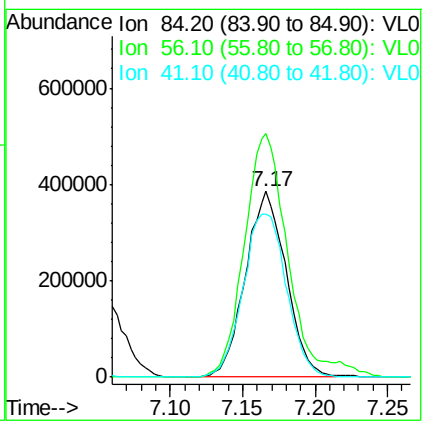


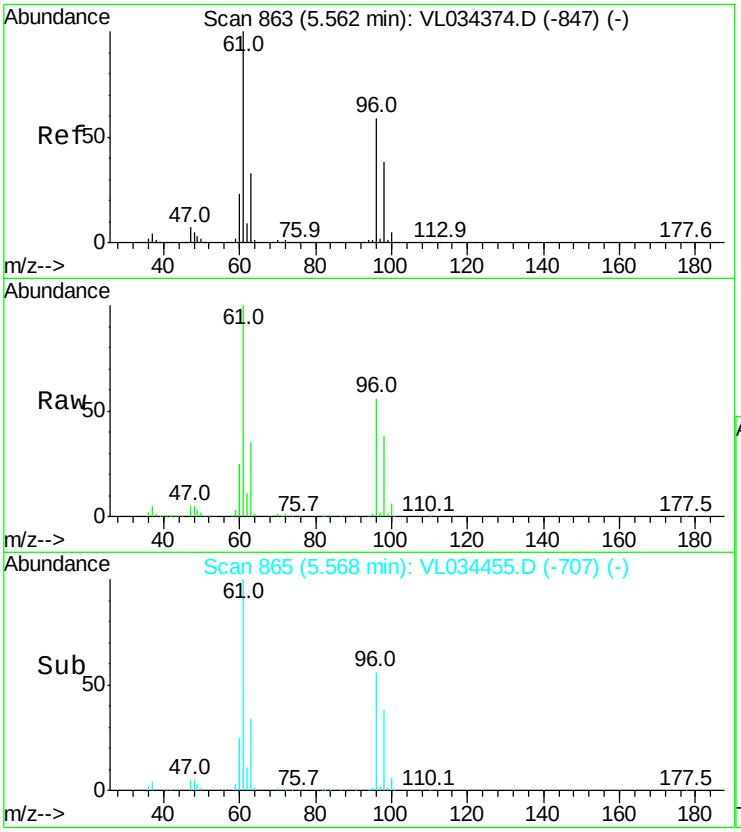


#30
Cyclohexane
Concen: 9.491 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Tgt Ion: 84 Resp: 752276

Ion	Ratio	Lower	Upper
84	100		
56	141.7	112.6	169.0
41	94.2	73.4	110.2



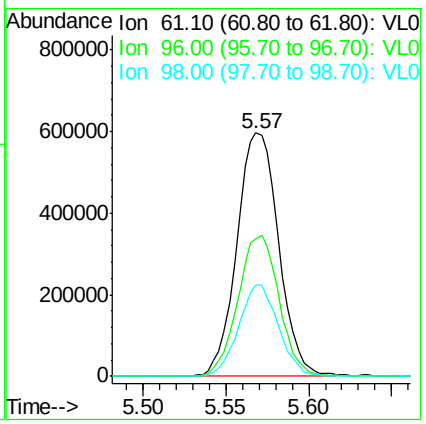


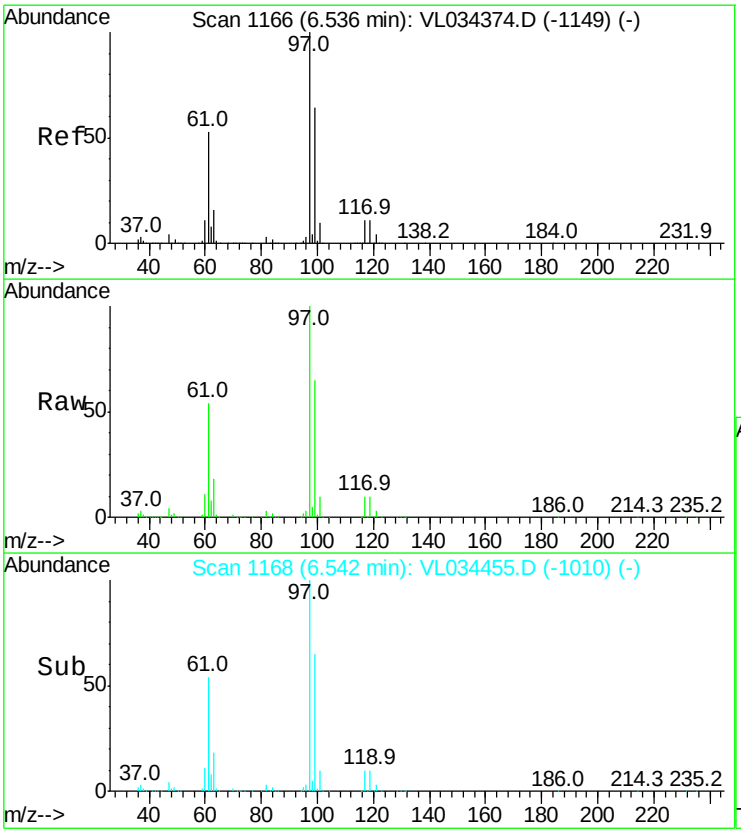
#31
cis-1,2-Dichloroethene
Concen: 9.648 ppbv
RT: 5.57 min Scan# 865
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Instrument :
MSVOA_L
ClientSampleId :
VL1203ABS01

Tgt Ion: 61 Resp: 1045311

Ion	Ratio	Lower	Upper
61	100		
96	56.4	47.4	71.2
98	37.8	30.6	45.8

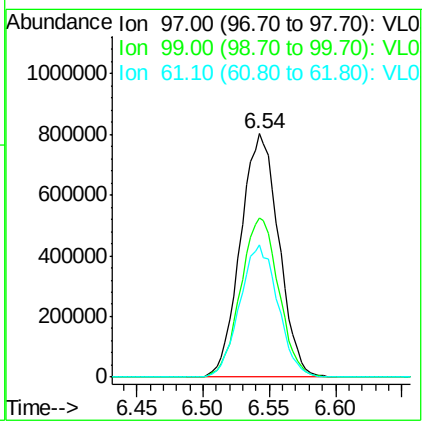


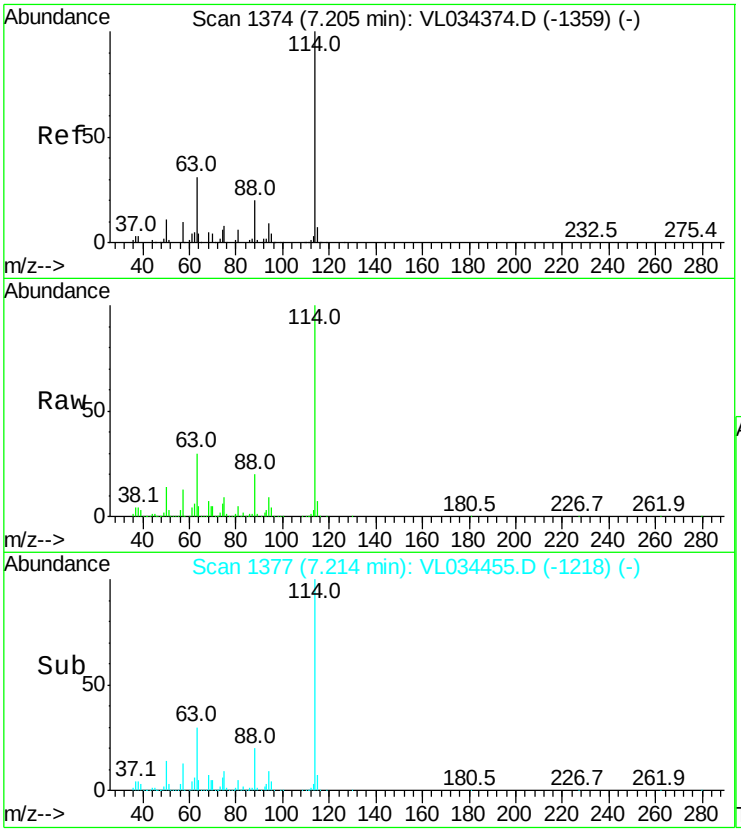


#32
1,1,1-Trichloroethane
Concen: 10.147 ppbv
RT: 6.54 min Scan# 1168
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Tgt Ion: 97 Resp: 1615260

Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.3	78.5
61	53.9	43.7	65.5



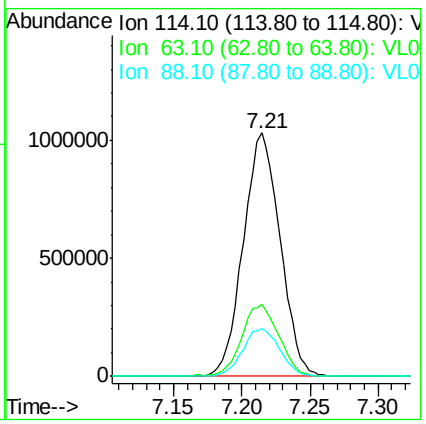


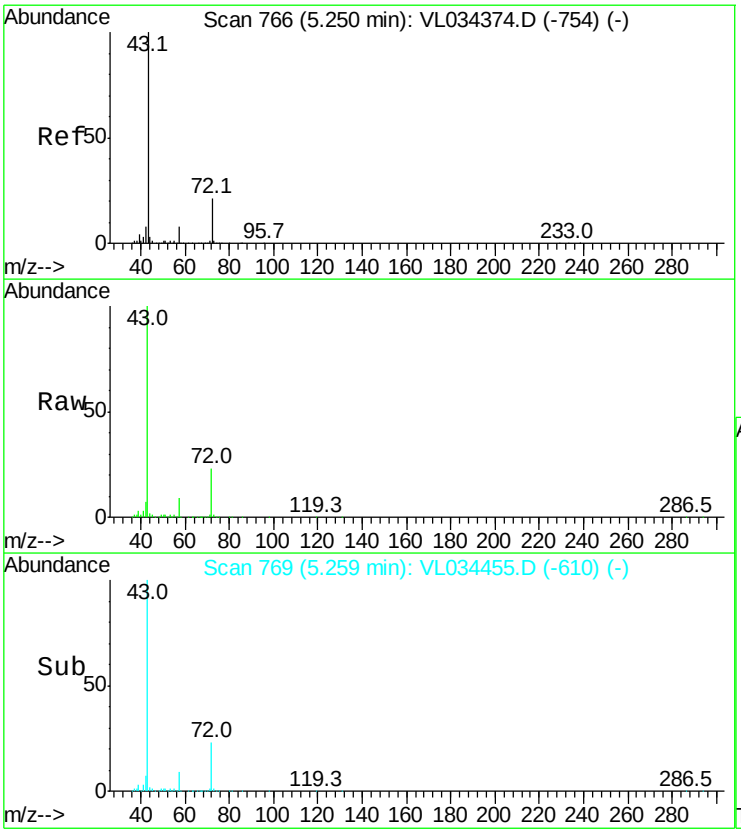
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.21 min Scan# 1377
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Instrument :
MSVOA_L
ClientSampleId :
VL1203ABS01

Tgt Ion:114 Resp: 1931093

Ion	Ratio	Lower	Upper
114	100		
63	30.2	24.2	36.4
88	19.8	15.9	23.9

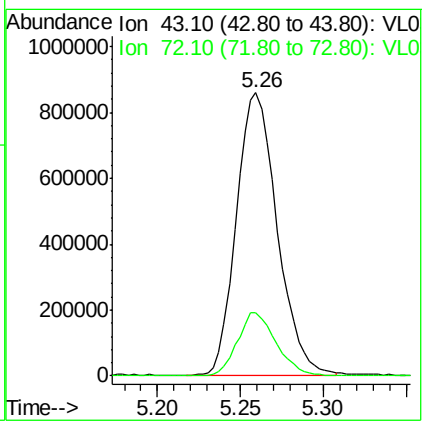


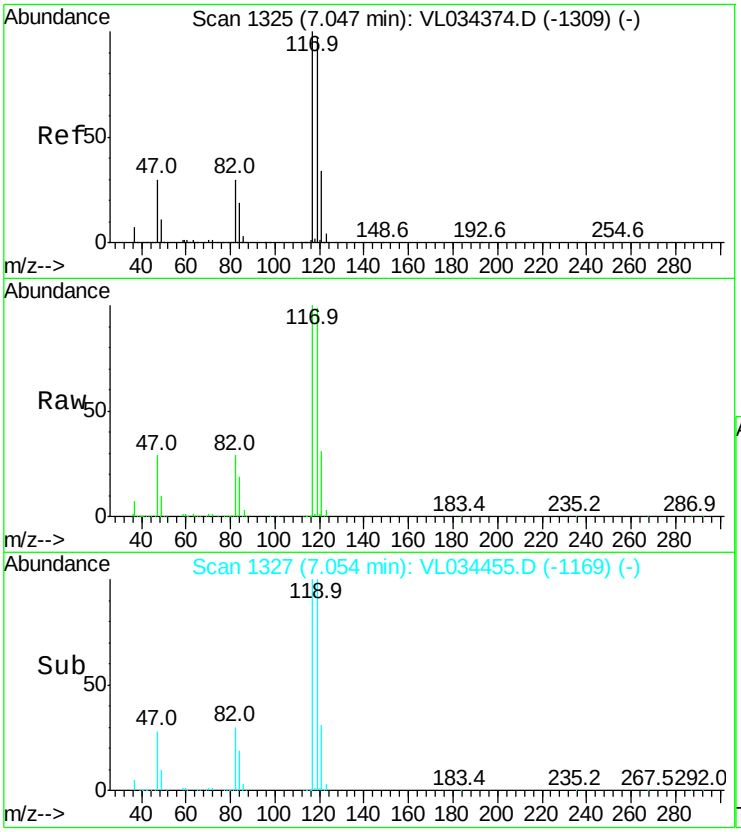


#34
2-Butanone
Concen: 9.235 ppbv
RT: 5.26 min Scan# 769
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Tgt Ion: 43 Resp: 1467845

Ion	Ratio	Lower	Upper
43	100		
72	21.5	17.0	25.6



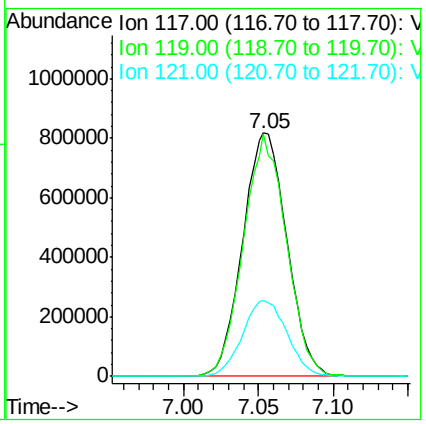


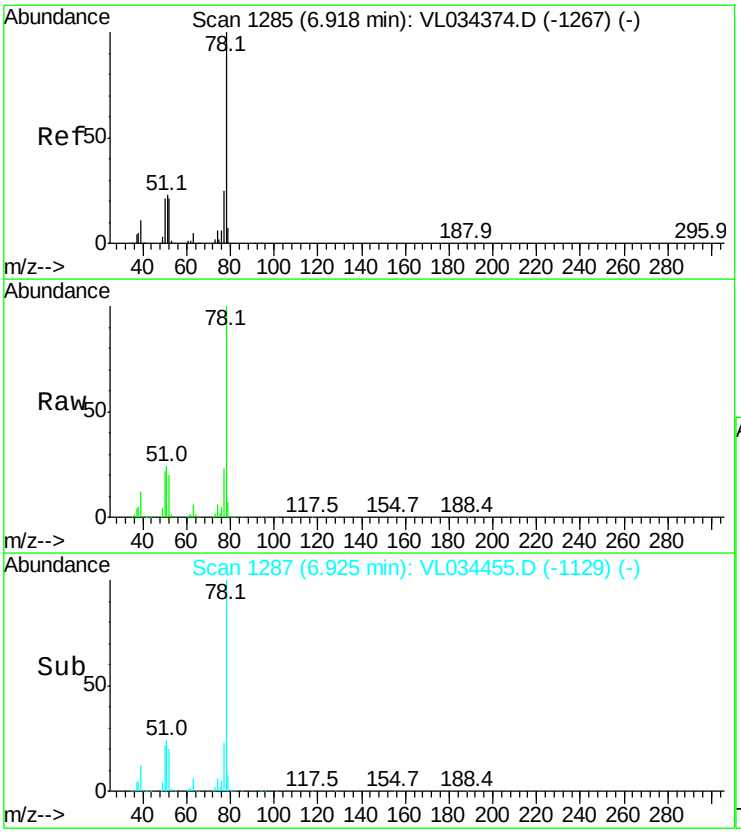
#35
Carbon Tetrachloride
Concen: 10.127 ppbv
RT: 7.05 min Scan# 1327
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Instrument : MSVOA_L
ClientSampleId : VL1203ABS01

Tgt Ion:117 Resp: 1681459

Ion	Ratio	Lower	Upper
117	100		
119	99.3	77.3	115.9
121	31.2	27.4	41.2

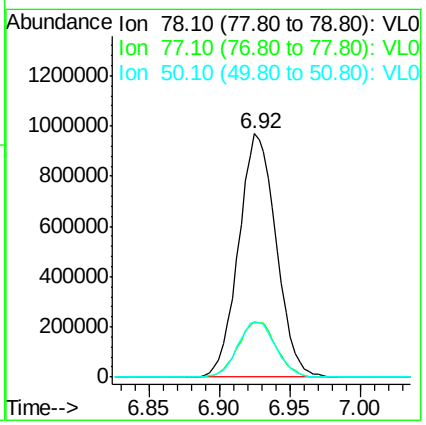


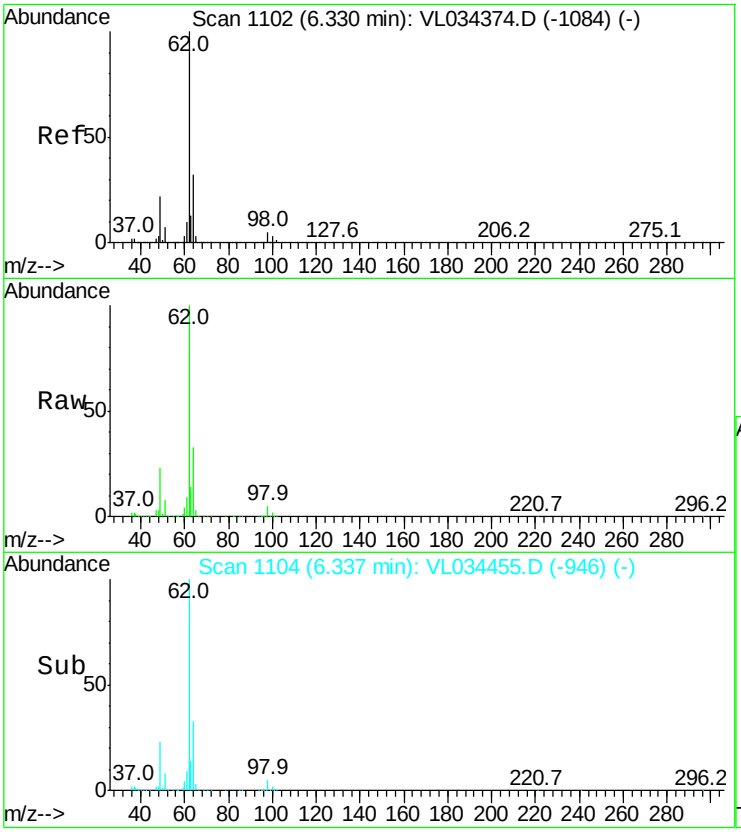


#36
Benzene
Concen: 9.354 ppbv
RT: 6.92 min Scan# 1287
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Tgt Ion: 78 Resp: 1805691

Ion	Ratio	Lower	Upper
78	100		
77	22.5	20.2	30.4
50	22.0	17.1	25.7



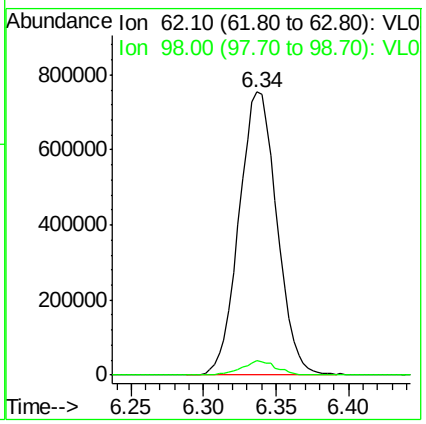


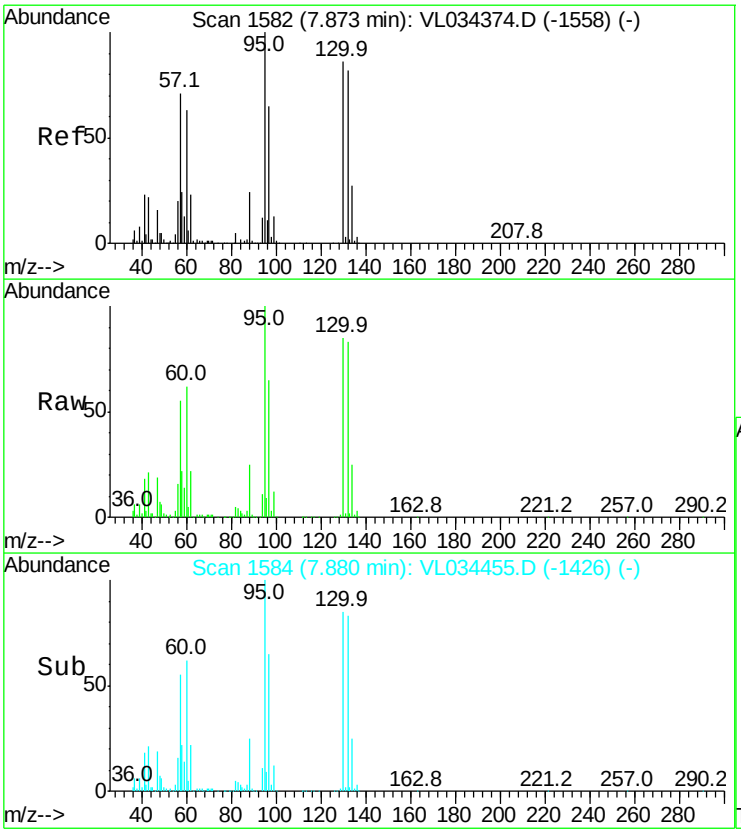
#37
1,2-Dichloroethane
Concen: 9.571 ppbv
RT: 6.34 min Scan# 1104
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Instrument :
MSVOA_L
ClientSampleId :
VL1203ABS01

Tgt Ion: 62 Resp: 1372536

Ion	Ratio	Lower	Upper
62	100		
98	4.7	3.8	5.8

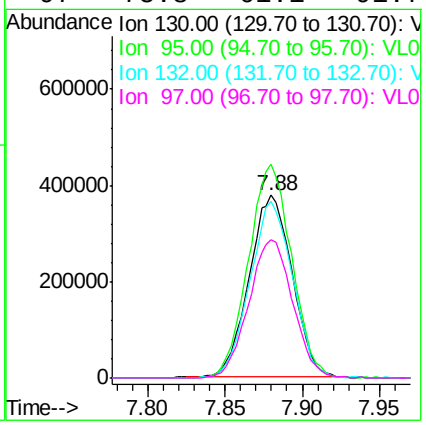


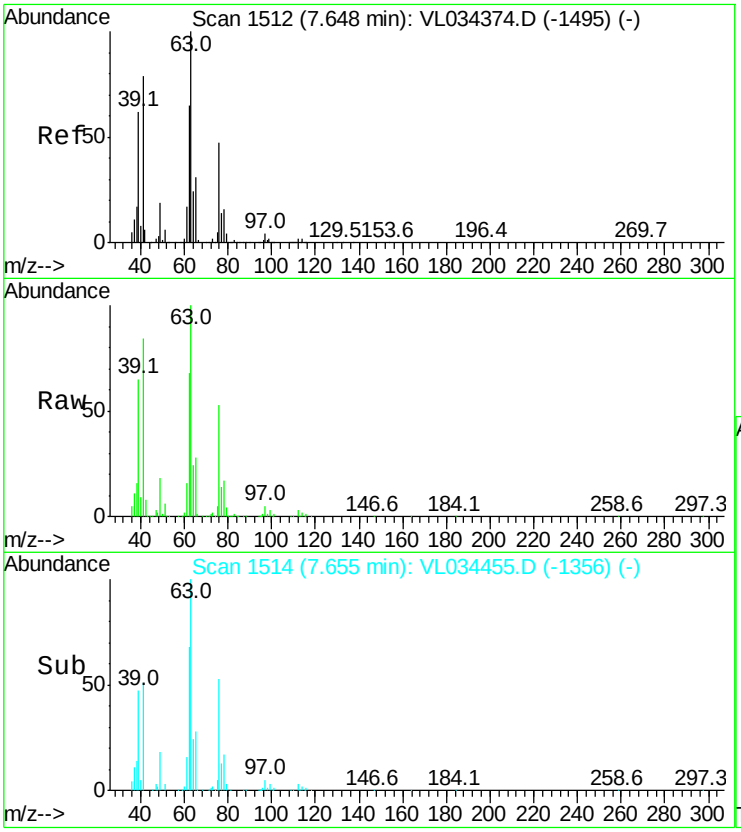


#38
Trichloroethene
Concen: 9.223 ppbv
RT: 7.88 min Scan# 1584
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Tgt Ion:130 Resp: 730629

Ion	Ratio	Lower	Upper
130	100		
95	117.4	93.4	140.0
132	97.3	76.4	114.6
97	75.8	61.1	91.7



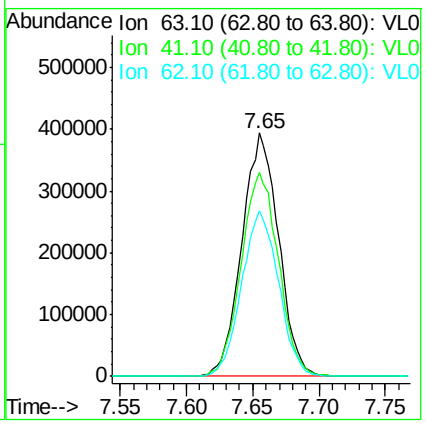


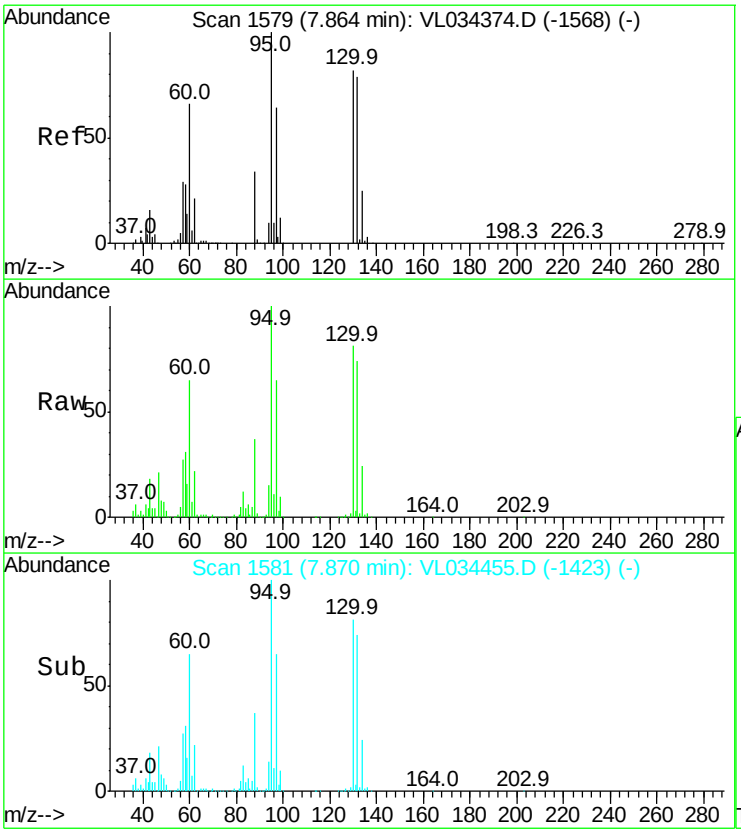
#39
1,2-Dichloropropane
Concen: 10.217 ppbv
RT: 7.65 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Instrument : MSVOA_L
ClientSampleId : VL1203ABS01

Tgt Ion: 63 Resp: 759825

Ion	Ratio	Lower	Upper
63	100		
41	83.6	63.1	94.7
62	67.8	52.3	78.5

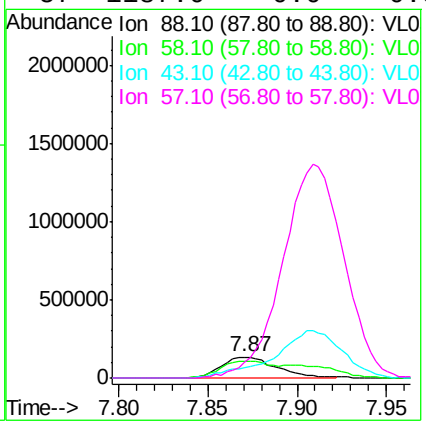


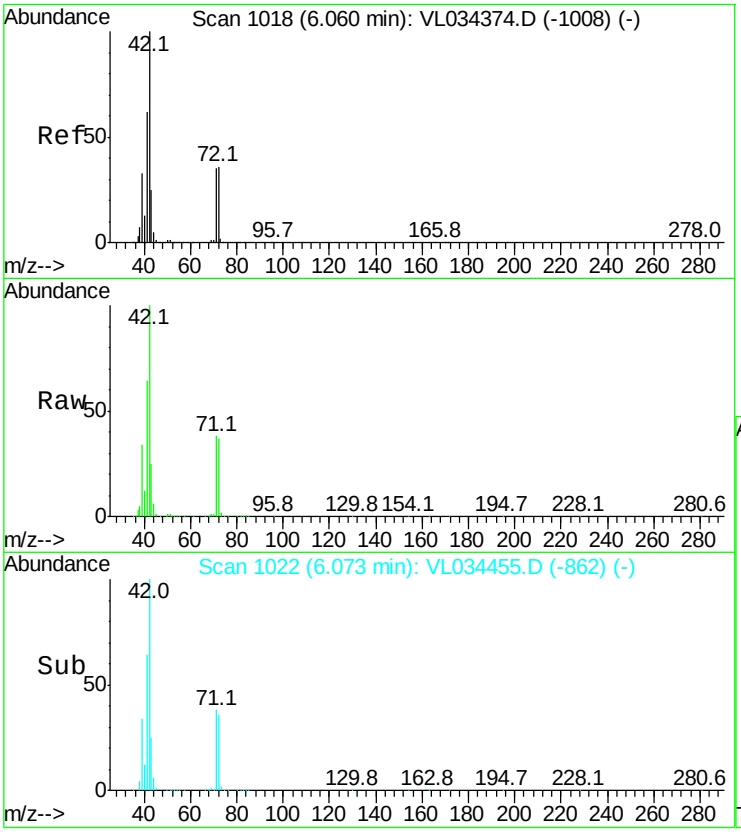


#40
1,4-Dioxane
Concen: 8.489 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Tgt Ion: 88 Resp: 275782

Ion	Ratio	Lower	Upper
88	100		
58	142.7	109.5	164.3
43	292.0	0.0	0.0#
57	1187.0	0.0	0.0#



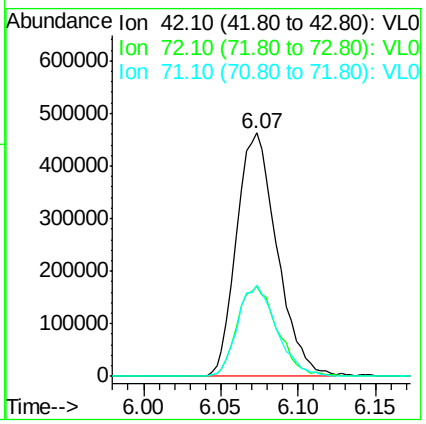


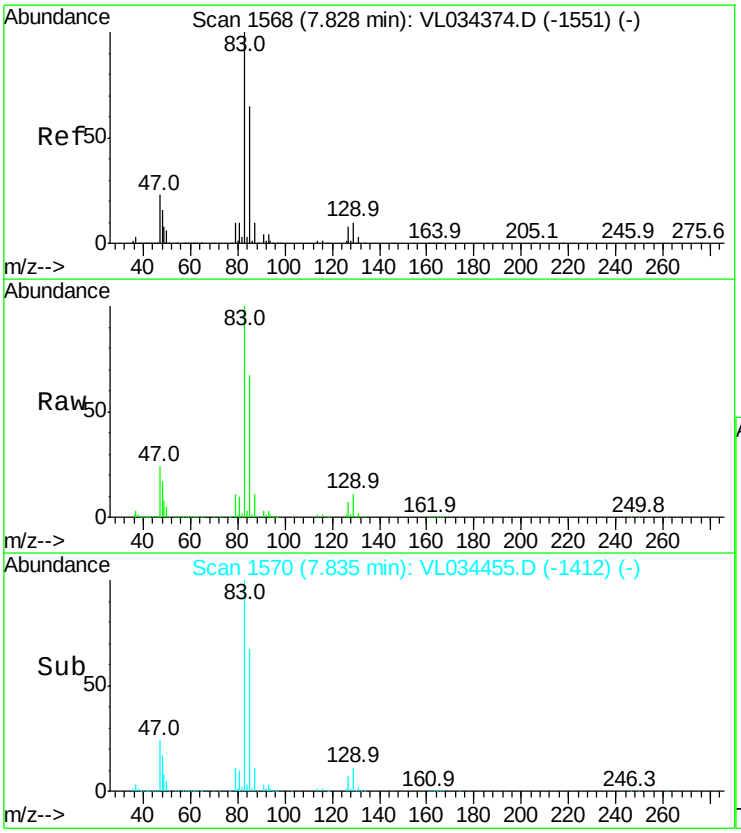
#41
Tetrahydrofuran
Concen: 9.439 ppbv
RT: 6.07 min Scan# 1022
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Instrument : MSVOA_L
ClientSampleId : VL1203ABS01

Tgt Ion: 42 Resp: 841513

Ion	Ratio	Lower	Upper
42	100		
72	36.8	30.2	45.4
71	36.4	29.4	44.2

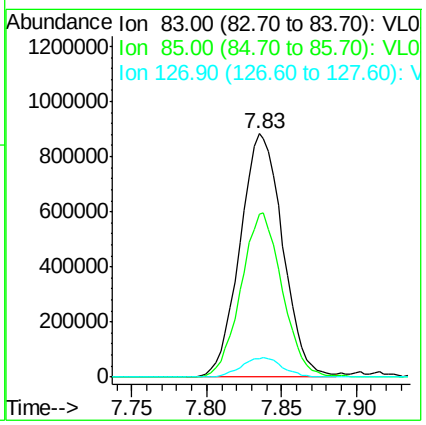


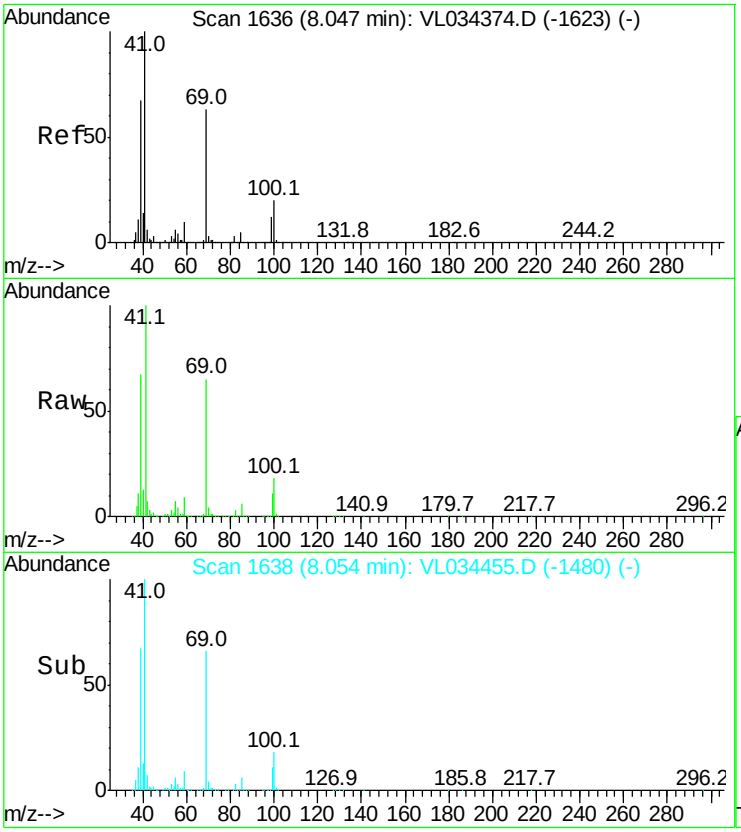


#42
Bromodichloromethane
Concen: 9.790 ppbv
RT: 7.83 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Tgt Ion: 83 Resp: 1755917

Ion	Ratio	Lower	Upper
83	100		
85	66.7	52.3	78.5
127	7.3	6.1	9.1



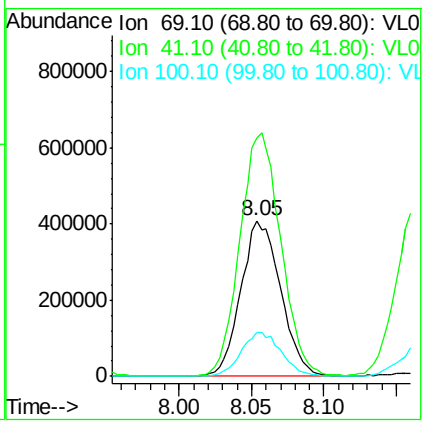


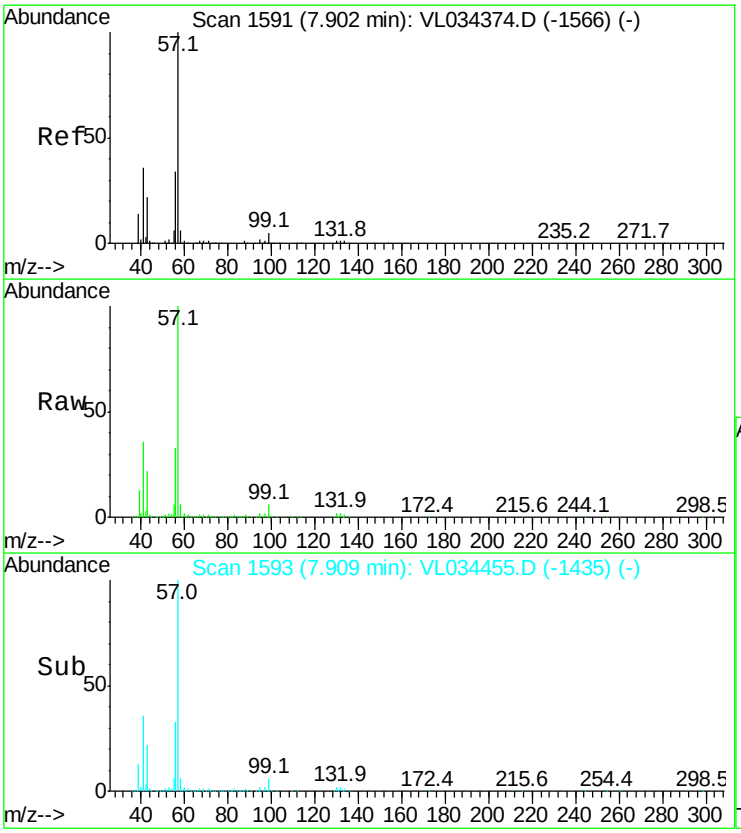
#43
Methyl Methacrylate
Concen: 9.757 ppbv
RT: 8.05 min Scan# 1638
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Instrument : MSVOA_L
ClientSampleId : VL1203ABS01

Tgt Ion: 69 Resp: 781246

Ion	Ratio	Lower	Upper
69	100		
41	160.3	127.4	191.2
100	28.5	24.2	36.4

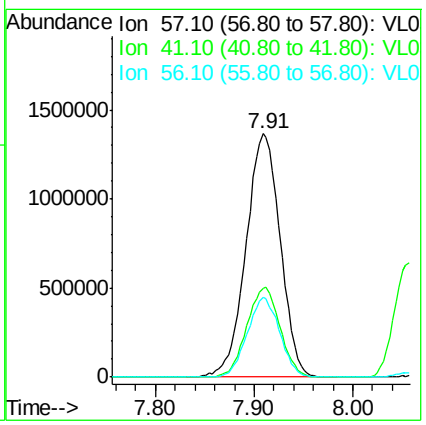


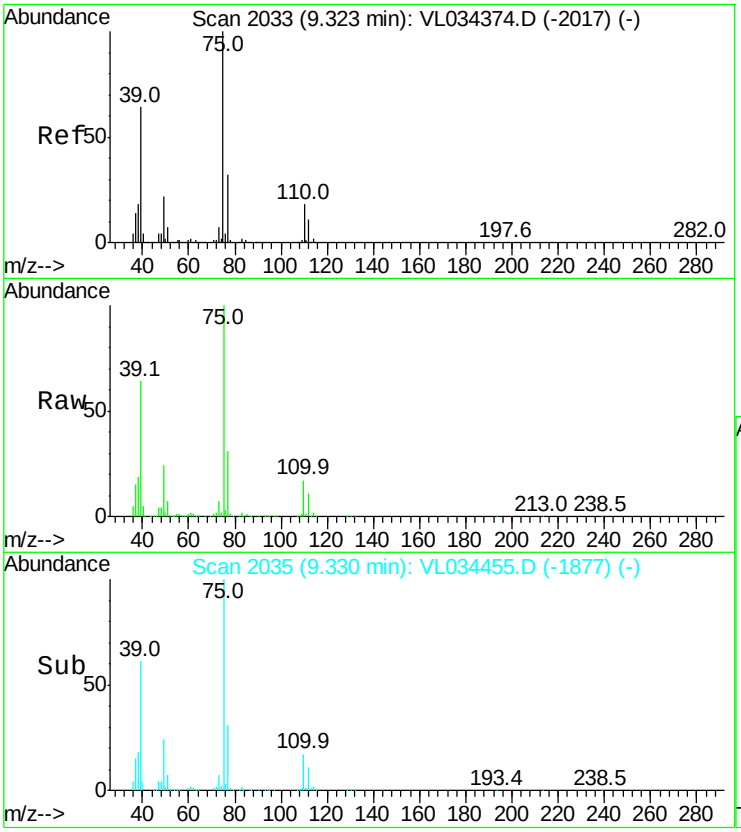


#44
2,2,4-Trimethylpentane
Concen: 9.270 ppbv
RT: 7.91 min Scan# 1593
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Tgt Ion: 57 Resp: 3270381

Ion	Ratio	Lower	Upper
57	100		
41	35.8	28.6	42.8
56	31.0	25.3	37.9



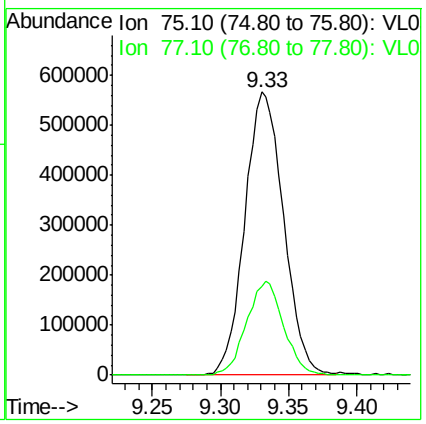


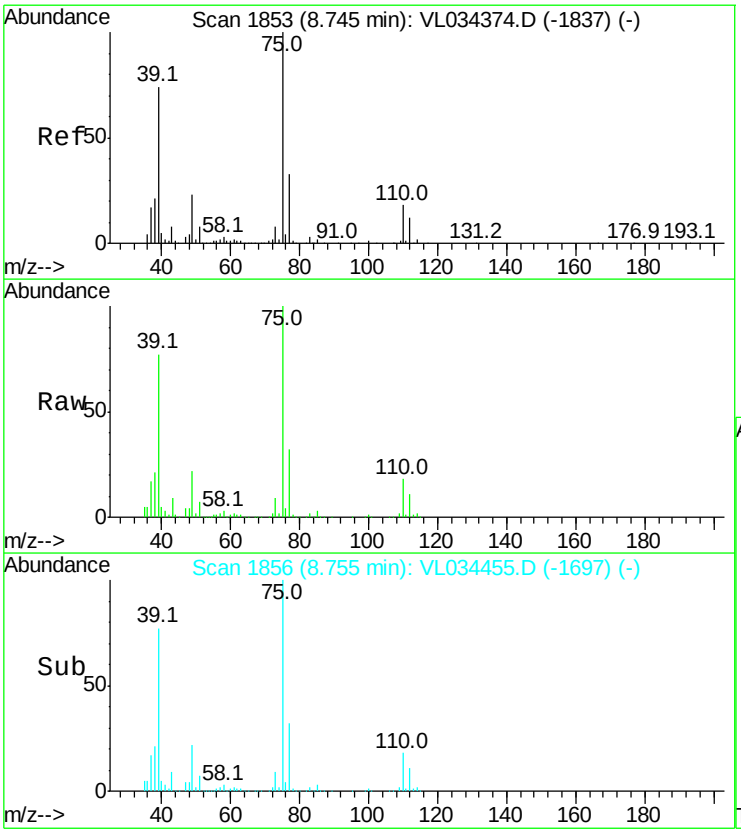
#45
t-1,3-Dichloropropene
Concen: 10.879 ppbv
RT: 9.33 min Scan# 2035
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Instrument :
MSVOA_L
ClientSampleId :
VL1203ABS01

Tgt Ion: 75 Resp: 1117056

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.4	38.2

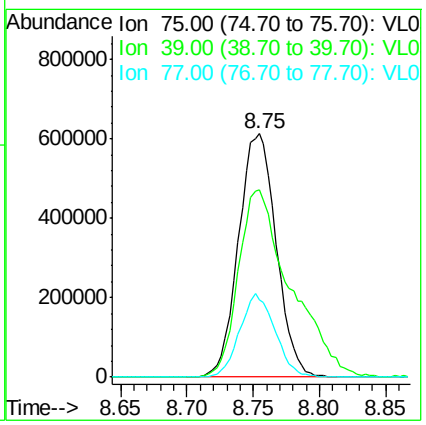


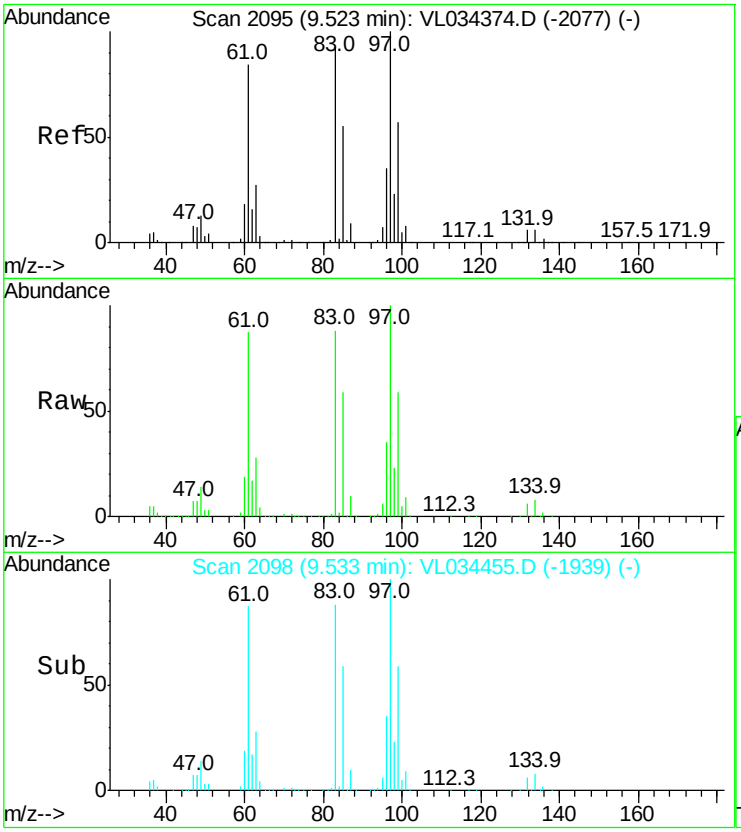


#46
cis-1,3-Dichloropropene
Concen: 10.481 ppbv
RT: 8.75 min Scan# 1856
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Tgt Ion: 75 Resp: 1208817

Ion	Ratio	Lower	Upper
75	100		
39	76.7	59.0	88.6
77	31.6	26.4	39.6



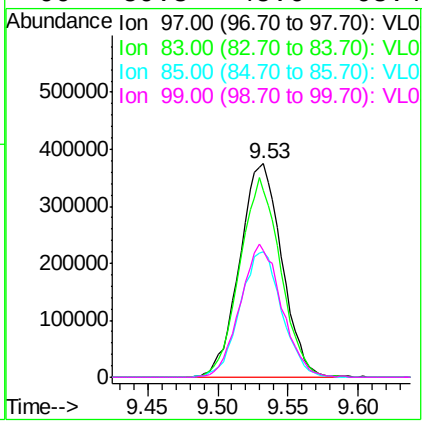


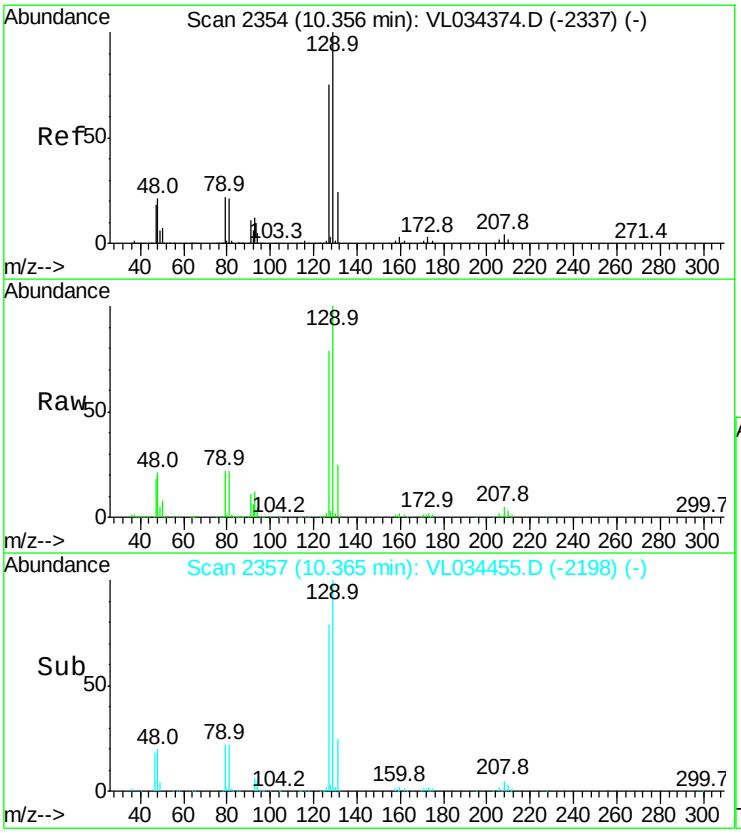
#47
1,1,2-Trichloroethane
Concen: 9.483 ppbv
RT: 9.53 min Scan# 2098
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Instrument : MSVOA_L
ClientSampleId : VL1203ABS01

Tgt Ion: 97 Resp: 784514

Ion	Ratio	Lower	Upper
97	100		
83	87.6	74.6	112.0
85	58.6	43.8	65.8
99	59.3	45.6	68.4

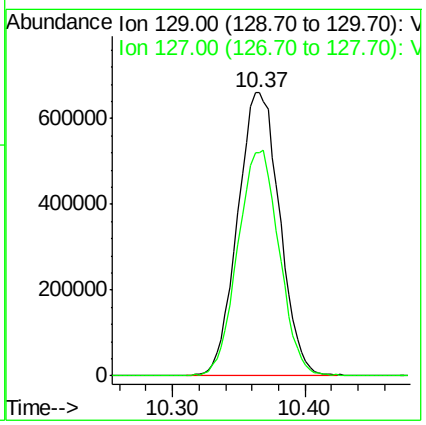


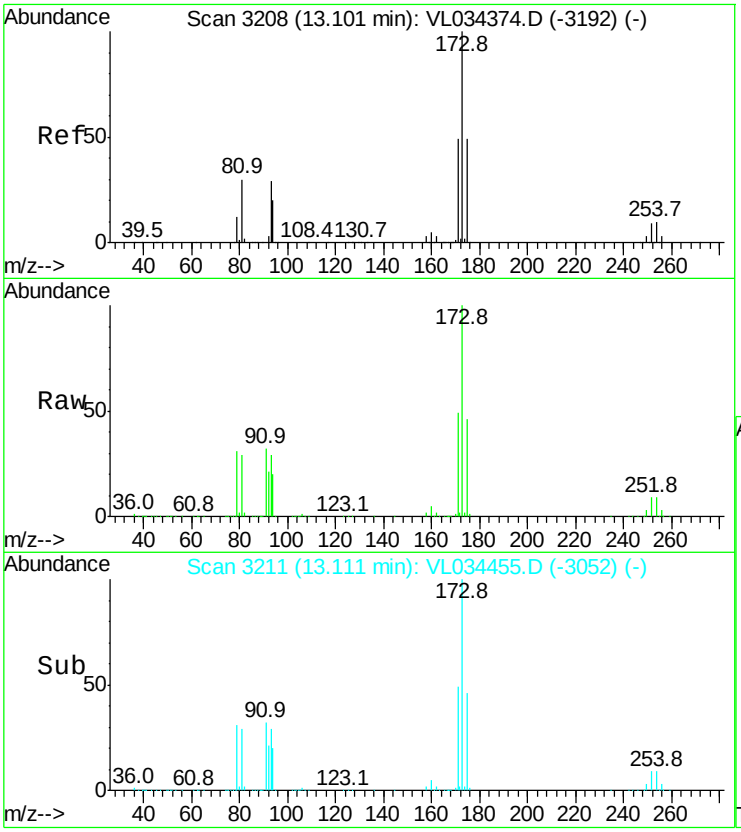


#48
Dibromochloromethane
Concen: 10.257 ppbv
RT: 10.37 min Scan# 2357
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Tgt Ion:129 Resp: 1456885

Ion	Ratio	Lower	Upper
129	100		
127	78.8	39.1	117.5



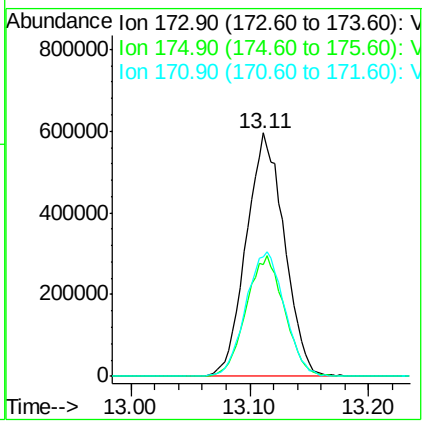


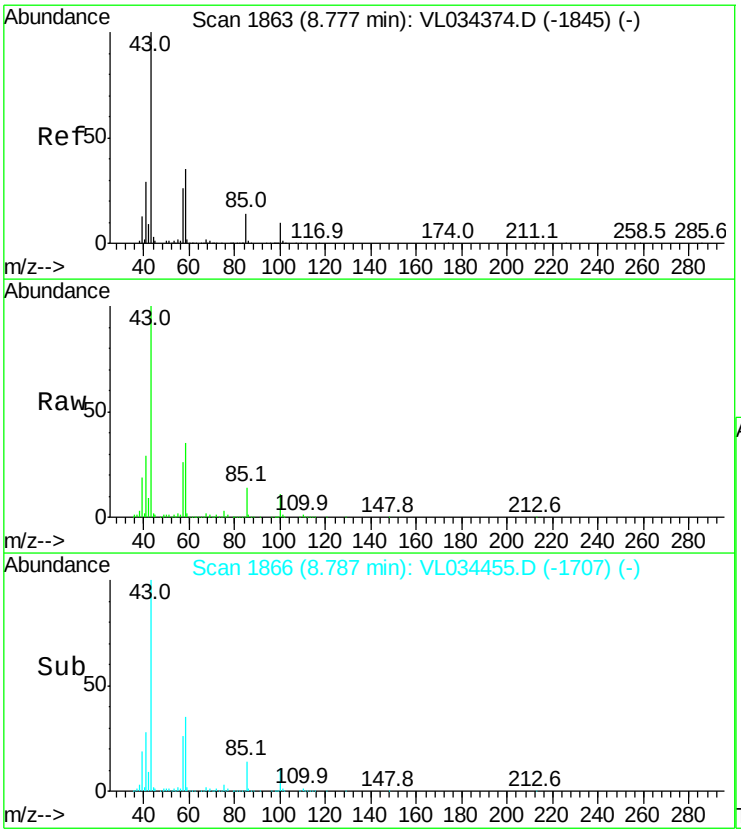
#49
Bromoform
Concen: 10.409 ppbv
RT: 13.11 min Scan# 3211
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Instrument :
MSVOA_L
ClientSampleId :
VL1203ABS01

Tgt Ion:173 Resp: 1319846

Ion	Ratio	Lower	Upper
173	100		
175	49.7	39.3	58.9
171	52.3	42.4	63.6

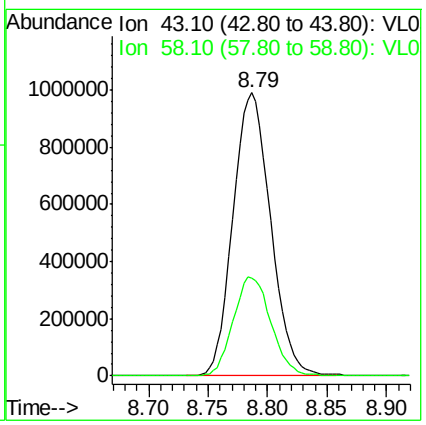


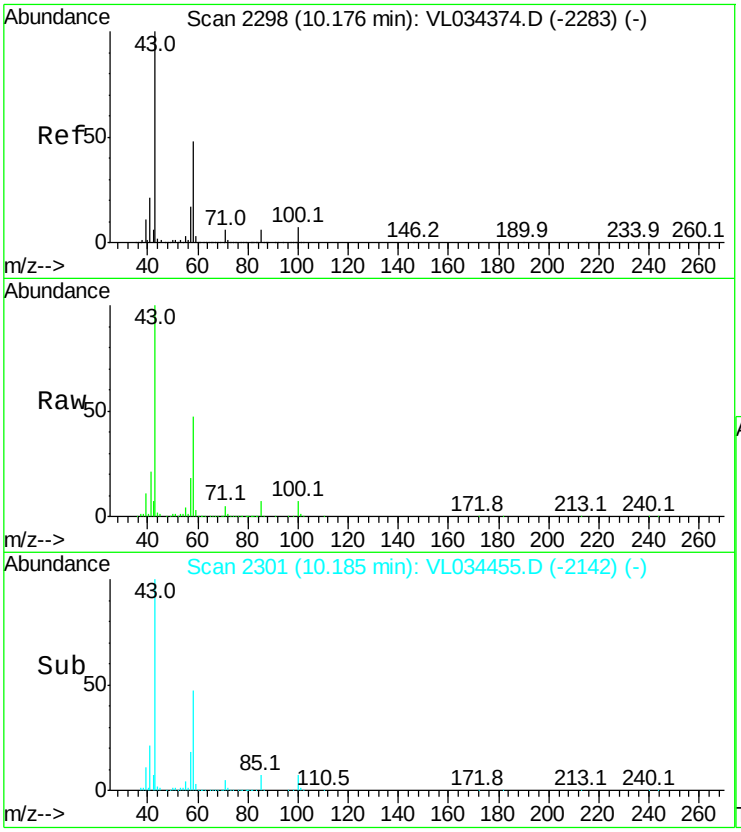


#50
4-Methyl-2-Pentanone
Concen: 9.455 ppbv
RT: 8.79 min Scan# 1866
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Tgt Ion: 43 Resp: 2174501

Ion	Ratio	Lower	Upper
43	100		
58	34.9	27.9	41.9



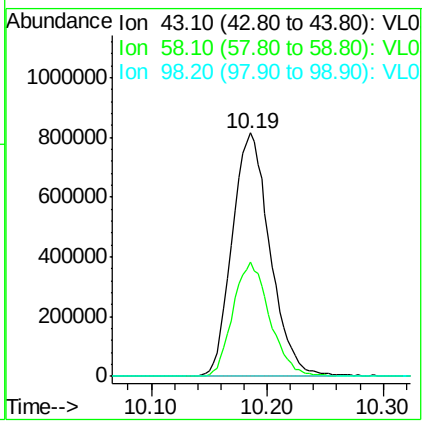


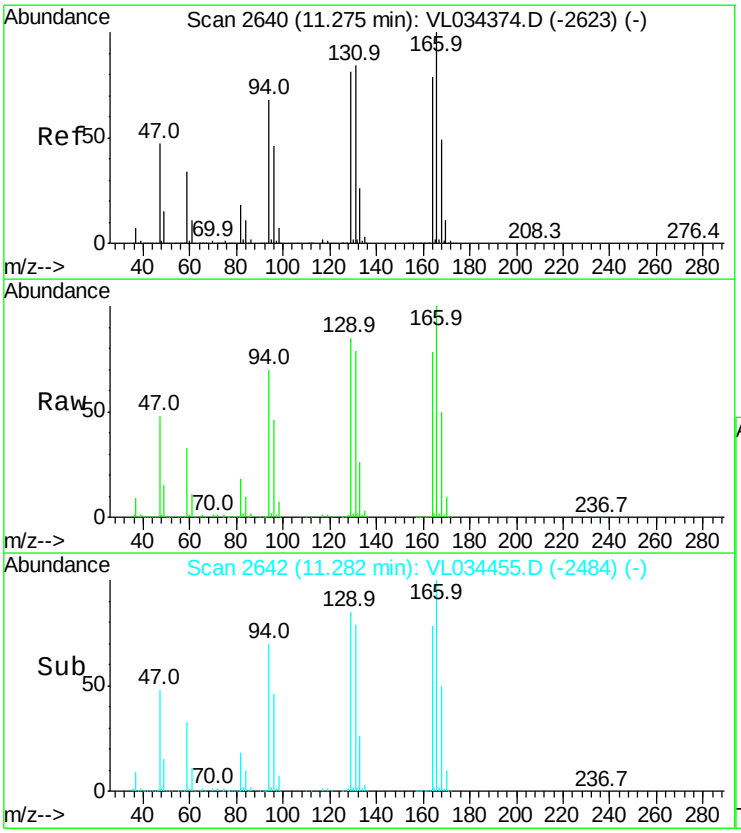
#51
2-Hexanone
Concen: 9.551 ppbv
RT: 10.19 min Scan# 2301
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Instrument : MSVOA_L
ClientSampleId : VL1203ABS01

Tgt Ion: 43 Resp: 1839907

Ion	Ratio	Lower	Upper
43	100		
58	45.9	38.2	57.4
98	0.2	0.2	0.2





#52
Tetrachloroethene
Concen: 8.213 ppbv
RT: 11.28 min Scan# 2642
Delta R.T. 0.01 min
Lab File: VL034455.D
Acq: 3 Dec 2019 11:36

Tgt Ion:164 Resp: 685940

Ion	Ratio	Lower	Upper
164	100		
166	128.0	101.7	152.5
129	108.9	82.6	123.8
131	100.9	85.2	127.8