Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111919\

Quantitation Report (Not Reviewed)

Data File : VL034375.D
Acq On : 19 Nov 2019 10:30
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Nov 19 11:26:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 17 05:12:37 2019
QLast Update : Thu Oct 17 05:12:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1097142	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.20	114	2227150	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.14	117	2298500	10.00	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.47	95	1865794	9.58	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.02	85	330494	1.747	ppbv	98
3) Chlorodifluoromethane	2.96	51	295141	2.295	ppbv	97
4) Chloromethane	3.11	50	165803	2.180	ppbv	95
5) Vinyl Chloride	3.23	62	155976	2.150	ppbv	97
6) Bromomethane	3.45	94	78092	2.199	ppbv	98
7) Chloroethane	3.54	64	58670	2.298	ppbv	95
8) Dichlorotetrafluoroethane	3.16	85	385838	2.354	ppbv	100
9) Propene	2.98	41	125810	2.207	ppbv	96
10) Heptane	8.15	43	327262	2.237	ppbv	100
11) Trichlorofluoromethane	3.93	101	419676	2.337	ppbv	91
12) 1,1,2-Trichlorotrifluoroet	4.48	101	272590	2.317	ppbv	100
13) Ethanol	3.58	45	39954	3.130	ppbv	90
14) Bromoethene	3.73	108	115879	2.502	ppbv	99
15) Acetone	3.84	43	338662	2.158	ppbv	100
16) 1,3-Butadiene	3.30	39	141593	2.221	ppbv	97
17) tert-Butyl alcohol	4.28	59	274052	2.736	ppbv	100
18) 1,1-Dichloroethene	4.28	96	122205	2.372	ppbv	89
19) Isopropyl Alcohol	3.95	45	229214	2.618	ppbv	100
20) Methylene Chloride	4.34	84	119088	2.099	ppbv	90
21) Allyl Chloride	4.40	41	198597	2.289	ppbv	98
22) trans-1,2-Dichloroethene	4.89	96	120523	2.346	ppbv	99
23) Vinyl Acetate	5.08	43	440358	2.247	ppbv	97
24) 1,1-Dichloroethane	5.01	63	336062	2.311	ppbv	98
25) Ethyl Acetate	5.68	43	602216	2.273	ppbv	99
26) Hexane	5.70	57	265590	2.352	ppbv	97
27) Carbon Disulfide	4.55	76	281288	2.399	ppbv	100
28) Methyl tert-Butyl Ether	5.03	73	430459	2.519	ppbv	98
29) Chloroform	5.76	83	409192	2.291	ppbv	94
30) Cyclohexane	7.15	84	191954	2.311	ppbv	88
31) cis-1,2-Dichloroethene	5.56	61	262409	2.290	ppbv	97
32) 1,1,1-Trichloroethane	6.53	97	394421	2.271	ppbv	99
34) 2-Butanone	5.25	43	391416	2.150	ppbv	99
35) Carbon Tetrachloride	7.04	117	409077	2.109	ppbv	92
36) Benzene	6.91	78	487238	2.280	ppbv	94
37) 1,2-Dichloroethane	6.33	62	349637	2.195	ppbv	99
38) Trichloroethene	7.87	130	184219	2.148	ppbv #	91
39) 1,2-Dichloropropane	7.64	63	200141	2.175	ppbv	96
40) 1,4-Dioxane	7.87	88	41068	1.270	ppbv #	1
41) Tetrahydrofuran	6.07	42	219205	2.170	ppbv	96
42) Bromodichloromethane	7.82	83	444631	2.279	ppbv #	98
43) Methyl Methacrylate	8.04	69	191664	2.169	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111919\

Quantitation Report (Not Reviewed)

Data File : VL034375.D
Acq On : 19 Nov 2019 10:30
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Nov 19 11:26:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 17 05:12:37 2019
QLast Update : Thu Oct 17 05:12:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.90	57	889947	2.250	ppbv		97
45) t-1,3-Dichloropropene	9.32	75	251635	2.337	ppbv		92
46) cis-1,3-Dichloropropene	8.74	75	287724	2.326	ppbv		93
47) 1,1,2-Trichloroethane	9.52	97	205176	2.201	ppbv		95
48) Dibromochloromethane	10.35	129	354106	2.316	ppbv		99
49) Bromoform	13.10	173	319786	2.360	ppbv		99
50) 4-Methyl-2-Pentanone	8.78	43	568286	2.181	ppbv		99
51) 2-Hexanone	10.18	43	485134	2.271	ppbv	#	100
52) Tetrachloroethene	11.27	164	182242	2.176	ppbv		99
53) Toluene	9.85	91	540229	2.291	ppbv		99
54) 1,2-Dibromoethane	10.66	107	307387	2.225	ppbv		93
56) 1,1,1,2-Tetrachloroethane	12.18	131	108010	1.020	ppbv	#	9
57) Chlorobenzene	12.20	112	434528	2.266	ppbv		98
58) Ethyl Benzene	12.76	91	779293	2.425	ppbv	#	88
59) m/p-Xylene	13.05	91	563530	2.024	ppbv	#	14
60) o-Xylene	13.75	91	652303	2.353	ppbv		99
61) Styrene	13.59	104	260346	1.334	ppbv	#	24
62) Isopropylbenzene	14.72	105	887106	2.424	ppbv		97
63) 1,1,2,2-Tetrachloroethane	13.74	83	207210	0.930	ppbv	#	3
64) n-propylbenzene	15.62	120	225204	2.398	ppbv		90
65) tert-Butylbenzene	16.81	119	814815	2.512	ppbv		98
66) Benzyl Chloride	17.05	91	292885	2.286	ppbv		100
67) sec-Butylbenzene	17.36	105	1135679	2.488	ppbv		96
69) p-Isopropyltoluene	17.72	119	951545	2.557	ppbv		96
70) n-Butylbenzene	18.62	91	1020057	2.520	ppbv		96
71) 2-Chlorotoluene	15.51	91	706616	2.490	ppbv		99
72) 4-Ethyltoluene	15.90	105	767776	2.464	ppbv		98
73) 1,3,5-Trimethylbenzene	16.06	105	747744	2.422	ppbv		98
74) 1,2,4-Trimethylbenzene	16.82	105	806910	2.506	ppbv		94
75) 1,3-Dichlorobenzene	17.06	146	451377	2.335	ppbv		100
76) 1,4-Dichlorobenzene	17.20	146	436822	2.313	ppbv		98
77) 1,2-Dichlorobenzene	17.89	146	451083	2.380	ppbv		98
78) Hexachloro-1,3-Butadiene	23.45	225	388220	2.476	ppbv		100
79) Naphthalene	22.29	128	408488	1.737	ppbv		99
80) Naphthalene,2-methyl-	25.03	142	344766	5.071	ppbv		94
81) 1,2,4-Trichlorobenzene	22.01	180	254410	1.656	ppbv	#	33

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

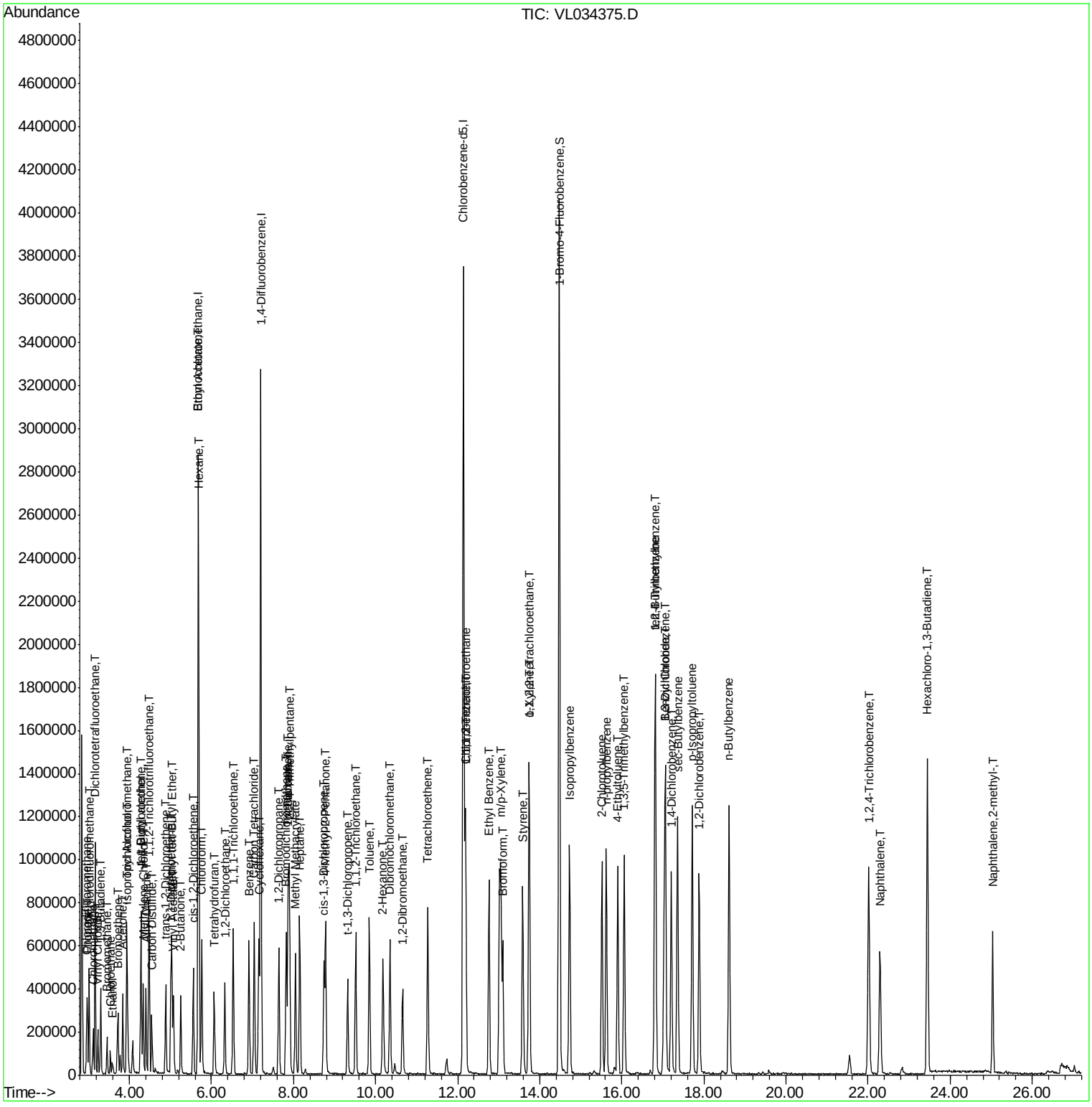
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111919\

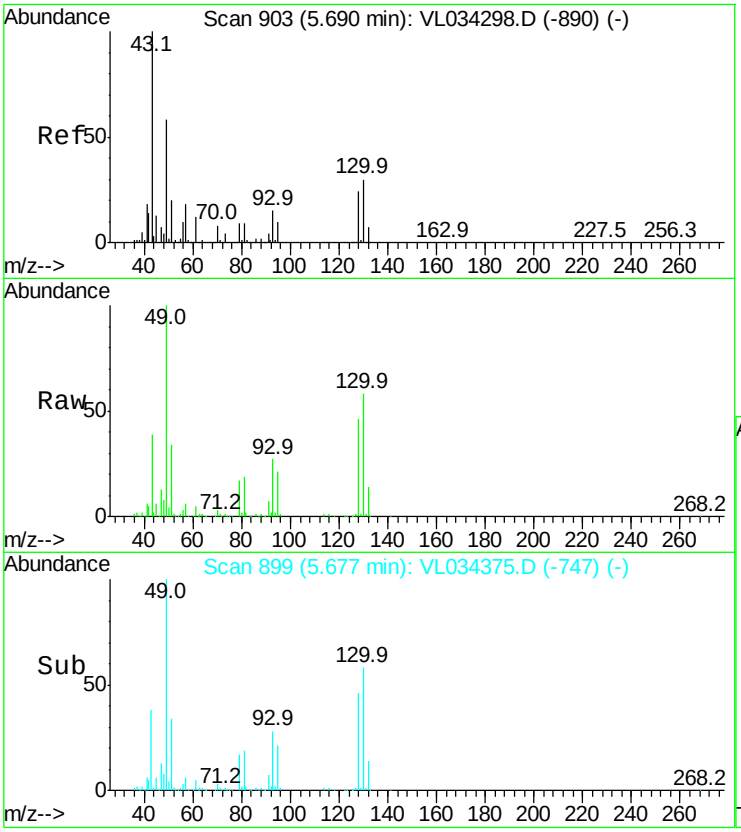
Quantitation Report (Not Reviewed)

Data File : VL034375.D
Acq On : 19 Nov 2019 10:30
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Nov 19 11:26:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 17 05:12:37 2019
QLast Update : Thu Oct 17 05:12:37 2019
Response via : Initial Calibration



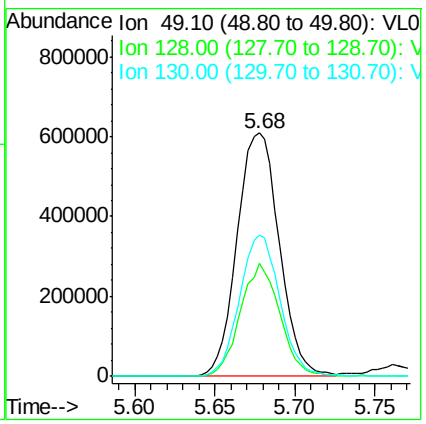


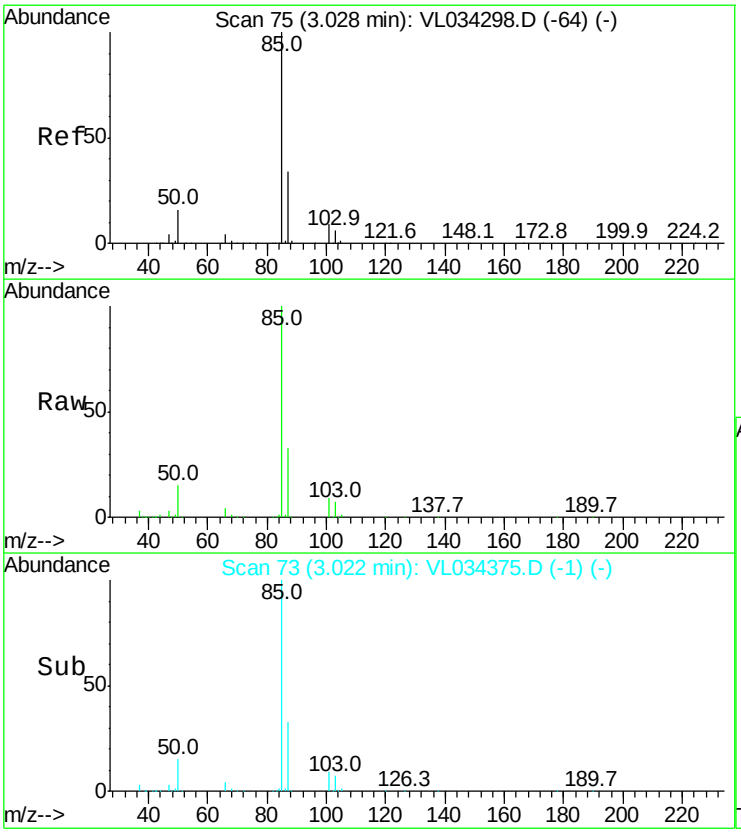
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.01 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 49 Resp: 1097142

Ion	Ratio	Lower	Upper
49	100		
128	43.7	20.6	61.8
130	55.7	26.2	78.5

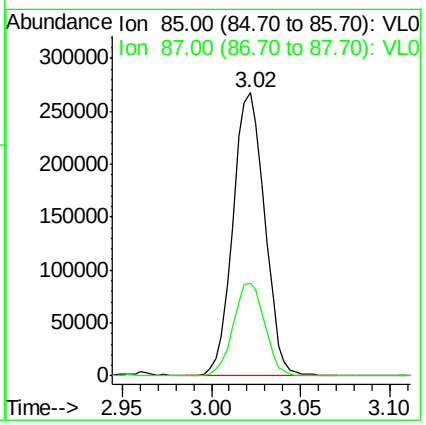


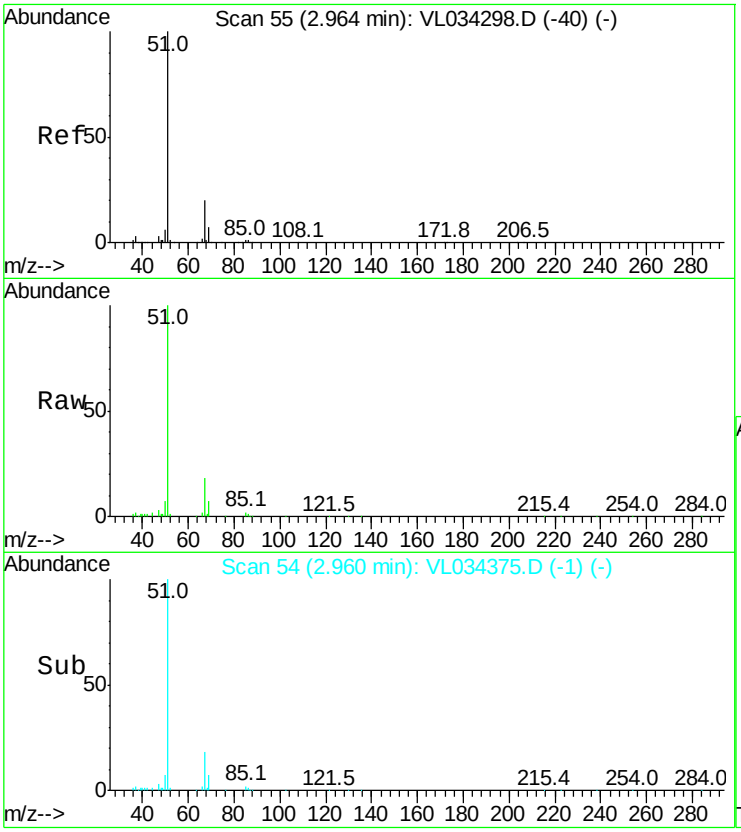


#2
Dichlorodifluoromethane
Concen: 1.747 ppbv
RT: 3.02 min Scan# 73
Delta R.T. -0.01 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Tgt Ion: 85 Resp: 330494

Ion	Ratio	Lower	Upper
85	100		
87	32.6	27.0	40.6



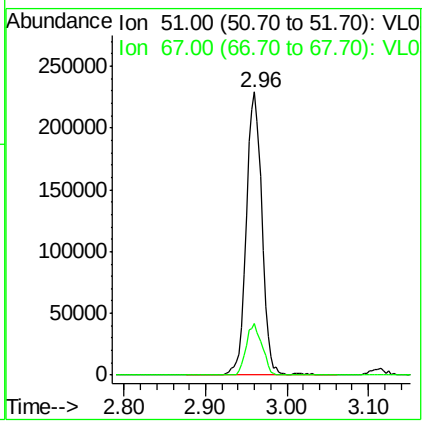


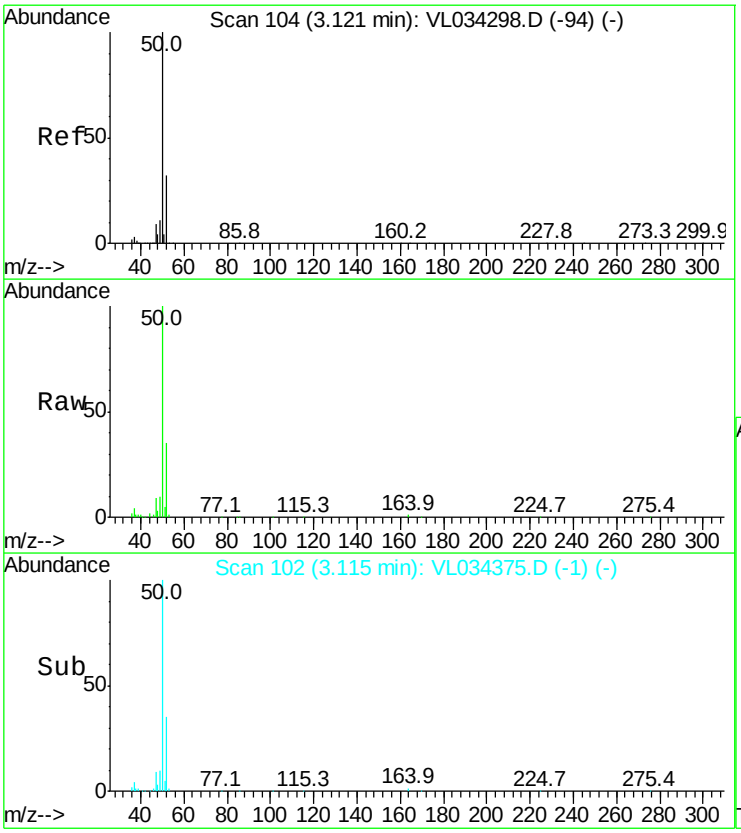
#3
Chlorodifluoromethane
Concen: 2.295 ppbv
RT: 2.96 min Scan# 54
Delta R.T. -0.00 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 51 Resp: 295141

Ion	Ratio	Lower	Upper
51	100		
67	18.5	15.8	23.8

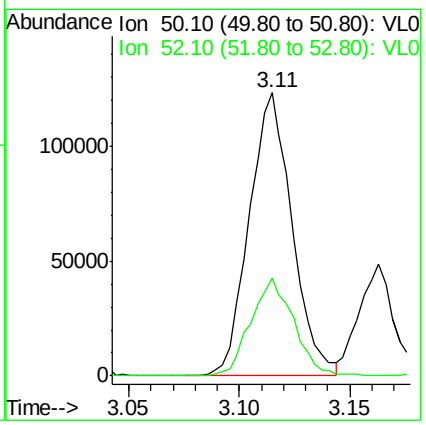


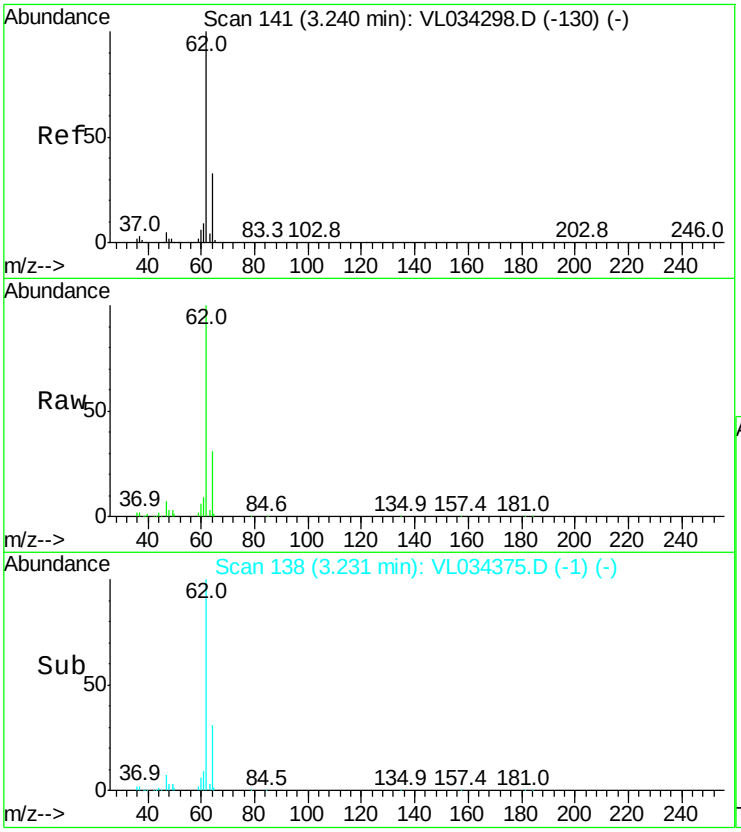


#4
Chloromethane
Concen: 2.180 ppbv
RT: 3.11 min Scan# 102
Delta R.T. -0.01 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Tgt Ion: 50 Resp: 165803

Ion	Ratio	Lower	Upper
50	100		
52	34.7	25.4	38.2



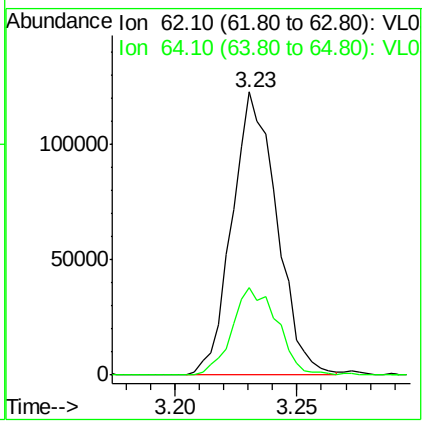


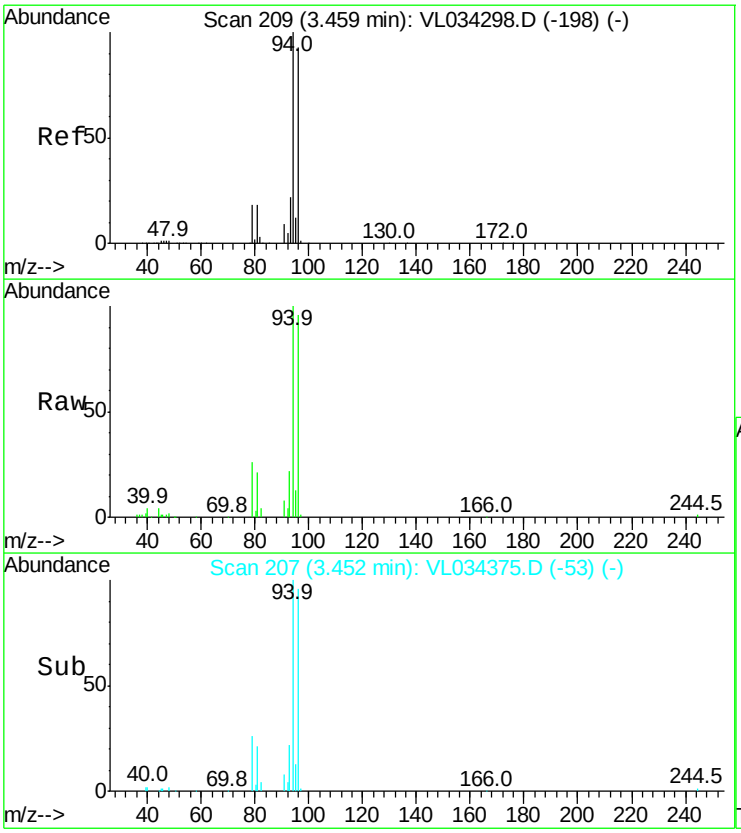
#5
Vinyl Chloride
Concen: 2.150 ppbv
RT: 3.23 min Scan# 138
Delta R.T. -0.01 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 62 Resp: 155976

Ion	Ratio	Lower	Upper
62	100		
64	31.0	26.0	39.0

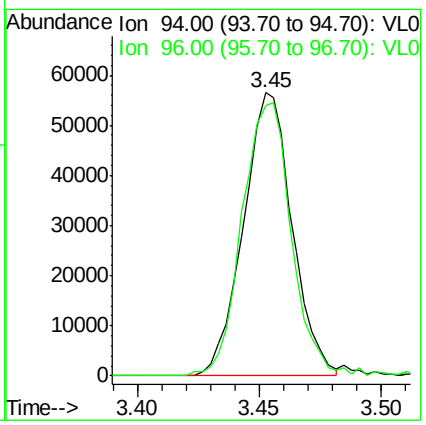


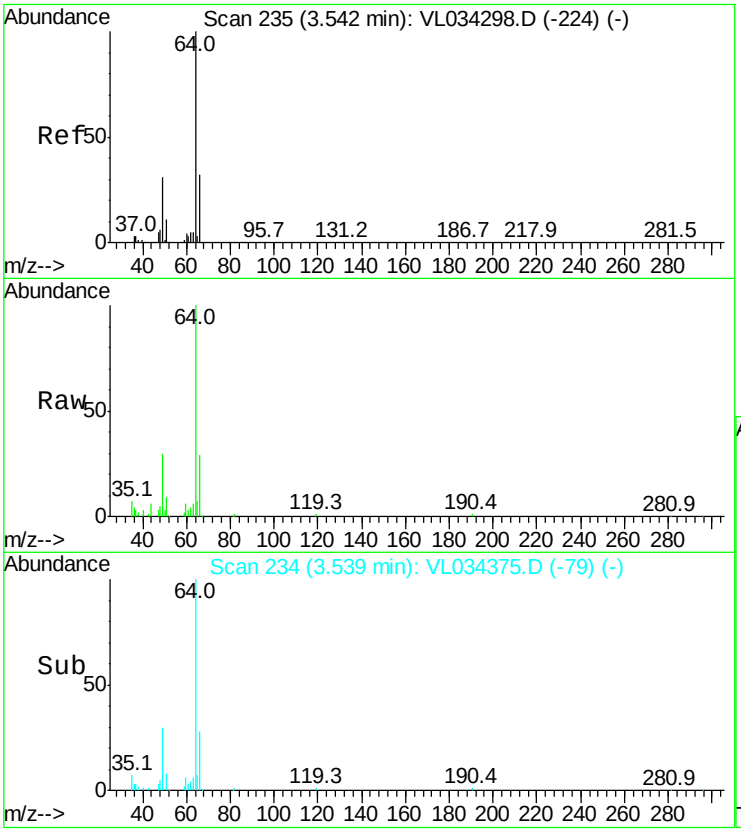


#6
Bromomethane
Concen: 2.199 ppbv
RT: 3.45 min Scan# 207
Delta R.T. -0.01 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Tgt Ion: 94 Resp: 78092

Ion	Ratio	Lower	Upper
94	100		
96	95.5	74.6	112.0



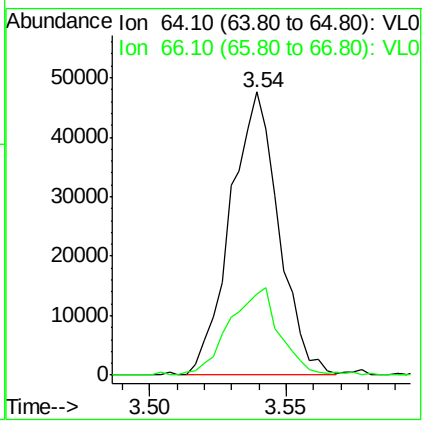


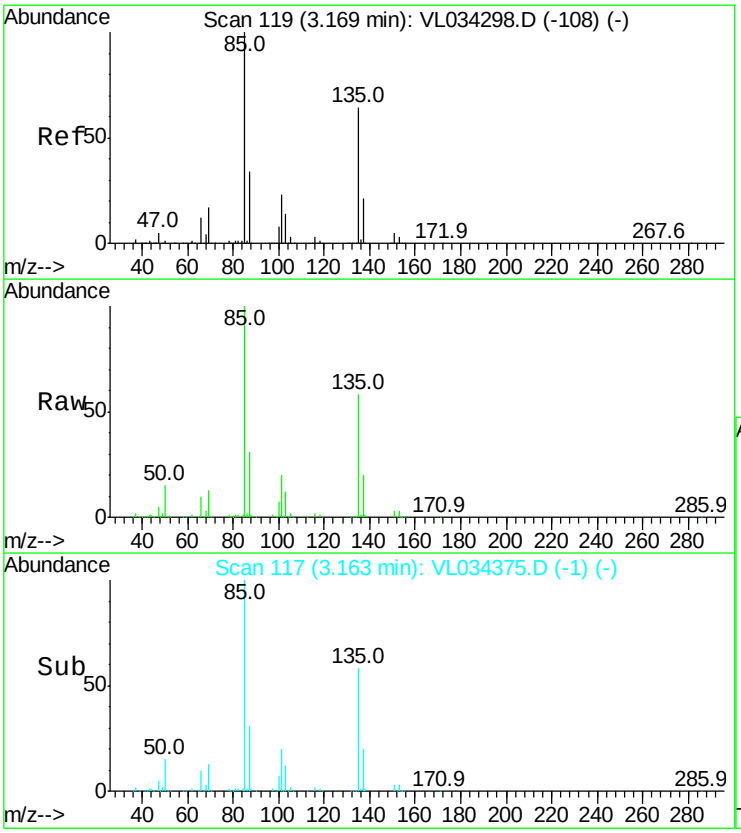
#7
Chloroethane
Concen: 2.298 ppbv
RT: 3.54 min Scan# 234
Delta R.T. -0.00 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 64 Resp: 58670

Ion	Ratio	Lower	Upper
64	100		
66	28.7	25.4	38.0

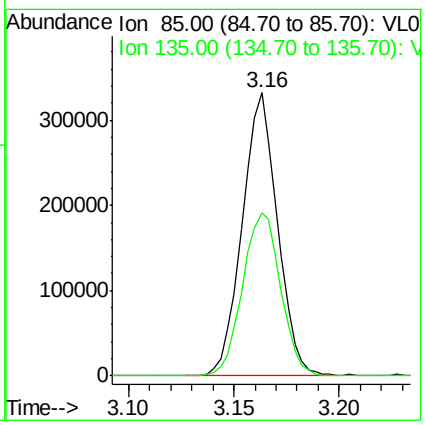


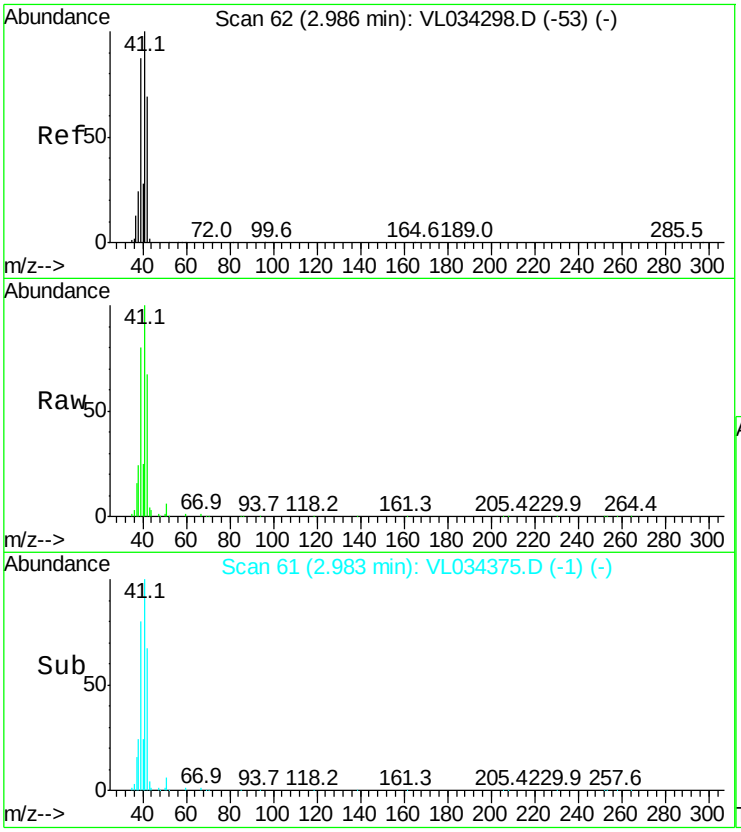


#8
Dichlorotetrafluoroethane
Concen: 2.354 ppbv
RT: 3.16 min Scan# 117
Delta R.T. -0.01 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Tgt Ion: 85 Resp: 385838

Ion	Ratio	Lower	Upper
85	100		
135	62.4	50.2	75.2



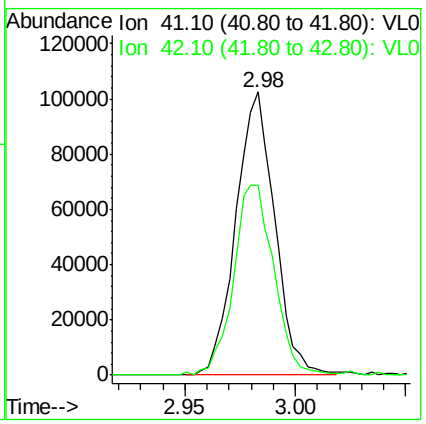


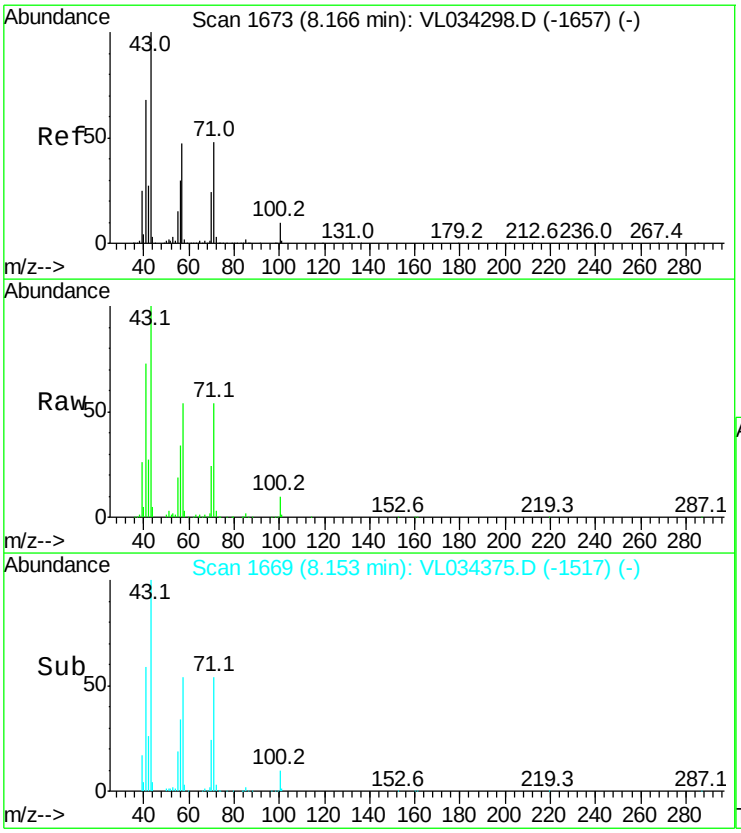
#9
Propene
Concen: 2.207 ppbv
RT: 2.98 min Scan# 61
Delta R.T. -0.00 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 41 Resp: 125810

Ion	Ratio	Lower	Upper
41	100		
42	70.5	53.9	80.9

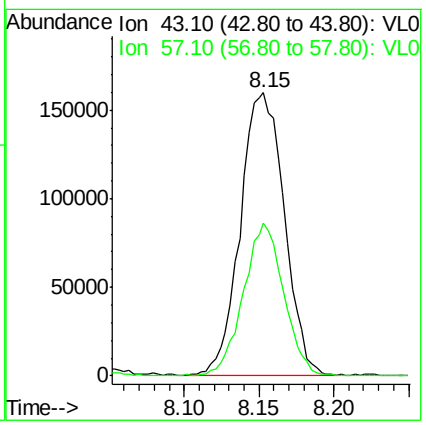


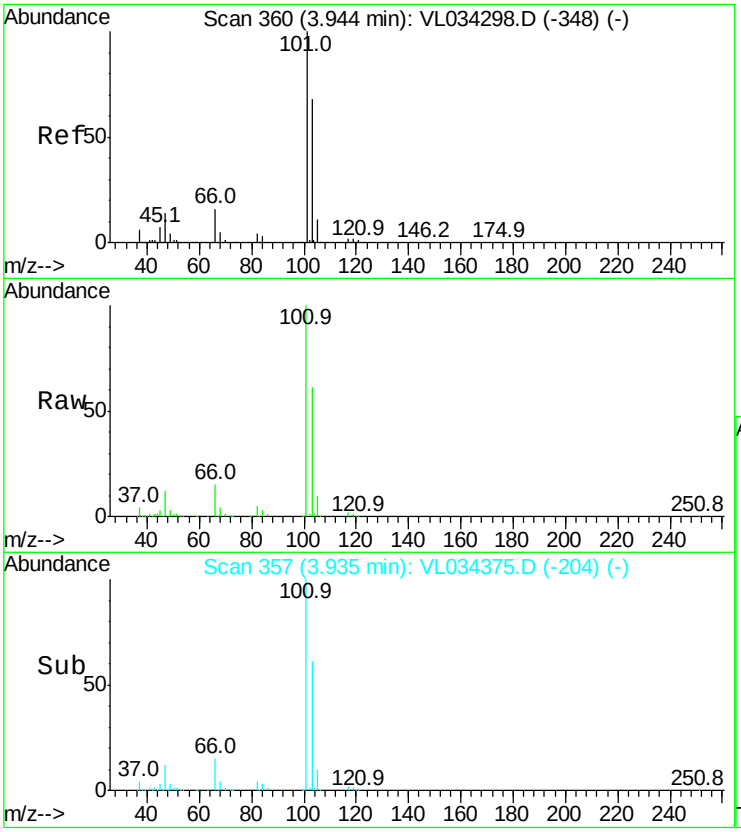


#10
Heptane
Concen: 2.237 ppbv
RT: 8.15 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Tgt Ion: 43 Resp: 327262

Ion	Ratio	Lower	Upper
43	100		
57	49.5	39.5	59.3



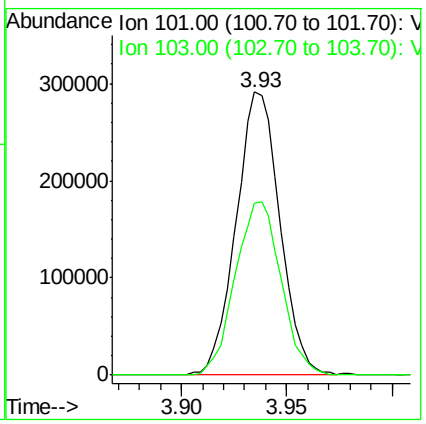


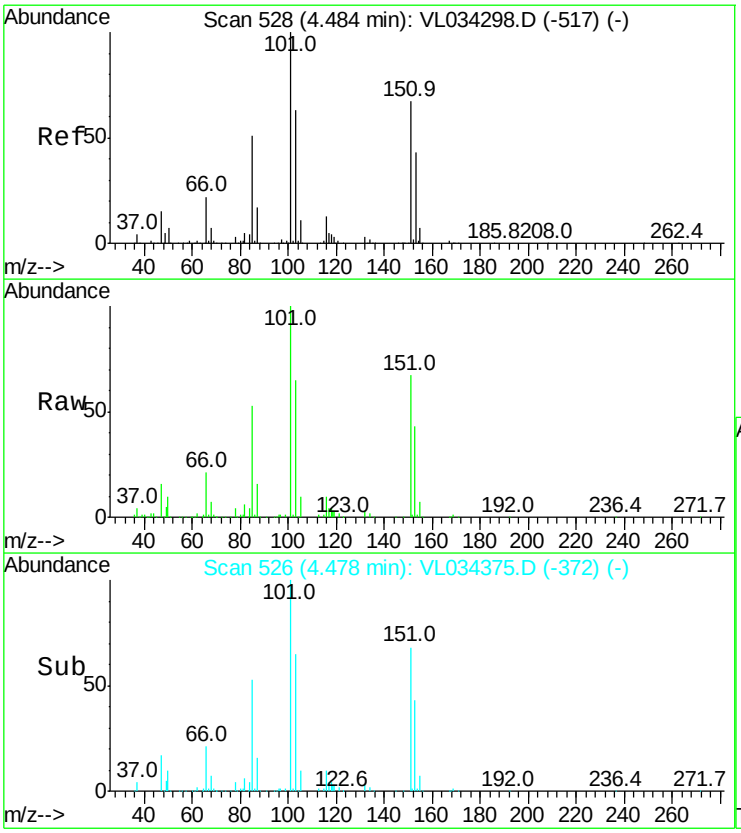
#11
Trichlorofluoromethane
Concen: 2.337 ppbv
RT: 3.93 min Scan# 357
Delta R.T. -0.01 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:101 Resp: 419676

Ion	Ratio	Lower	Upper
101	100		
103	60.8	54.5	81.7

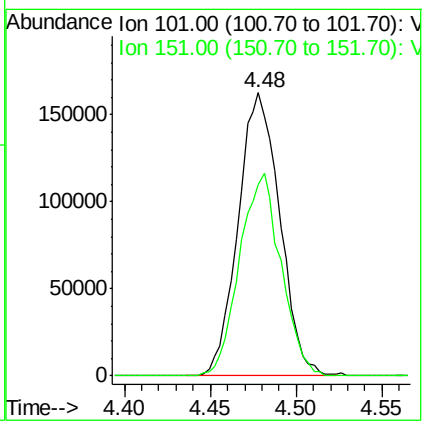


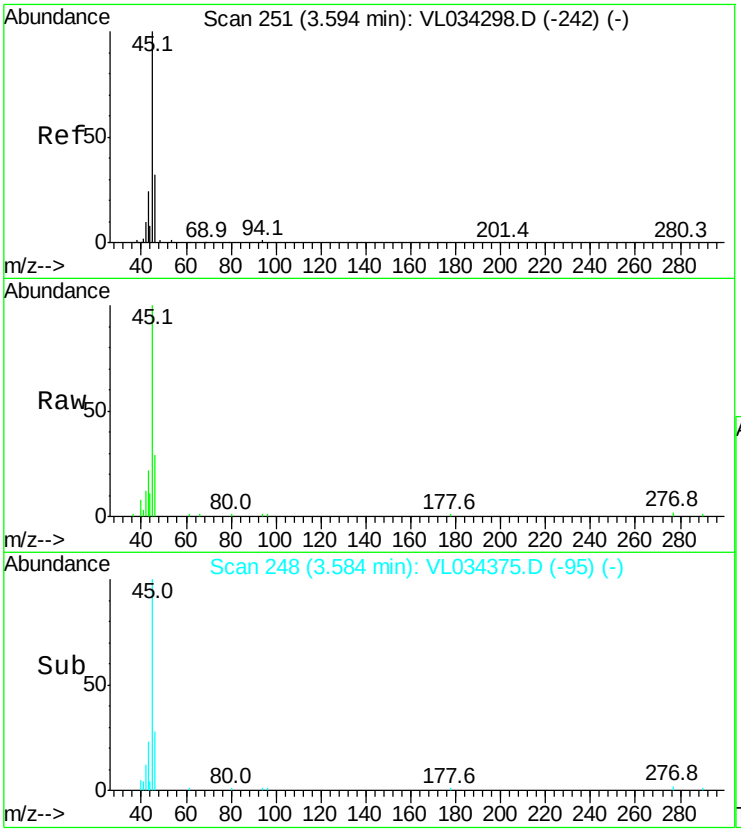


#12
1,1,2-Trichlorotrifluoroethane
Concen: 2.317 ppbv
RT: 4.48 min Scan# 526
Delta R.T. -0.01 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Tgt Ion:101 Resp: 272590

Ion	Ratio	Lower	Upper
101	100		
151	71.5	57.4	86.2



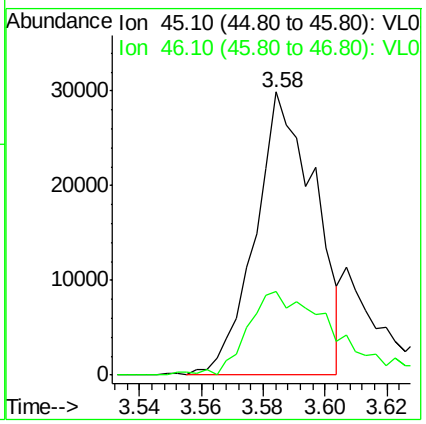


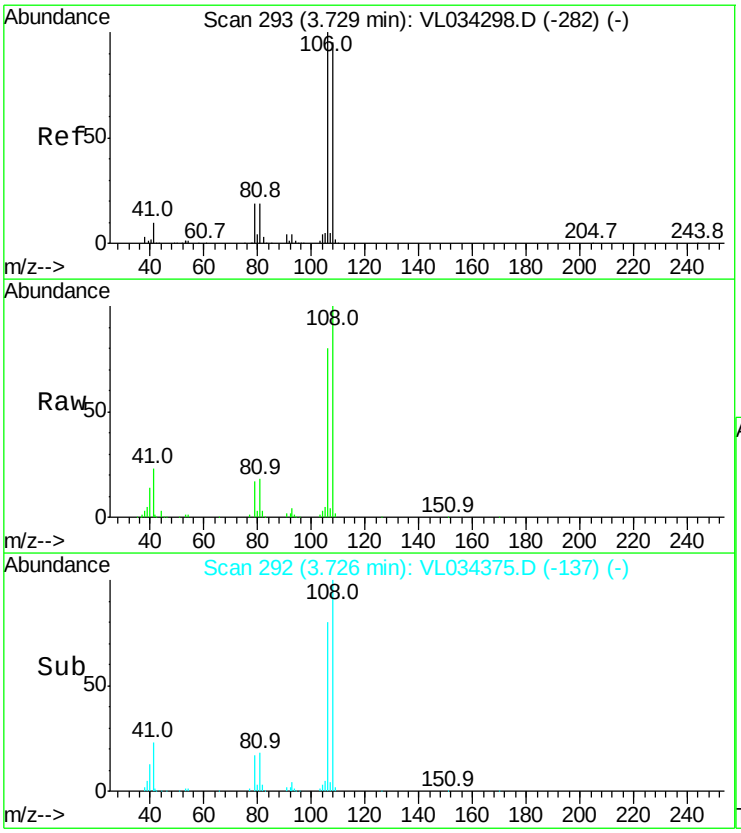
#13
Ethanol
Concen: 3.130 ppbv
RT: 3.58 min Scan# 248
Delta R.T. -0.01 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 45 Resp: 39954

Ion	Ratio	Lower	Upper
45	100		
46	45.5	15.8	63.2

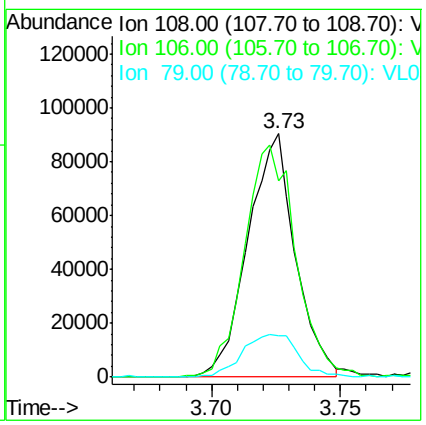


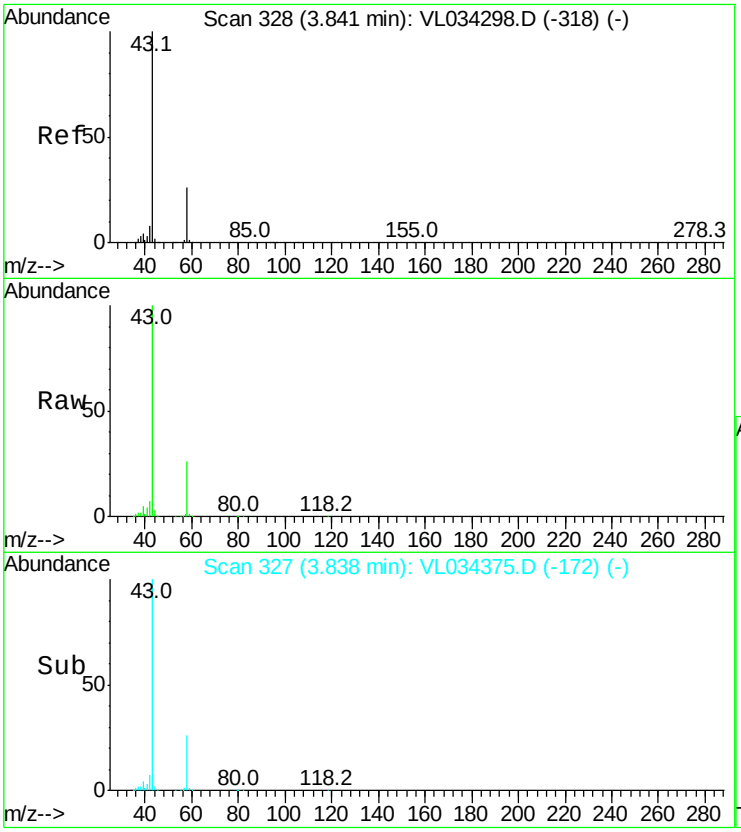


#14
Bromoethene
Concen: 2.502 ppbv
RT: 3.73 min Scan# 292
Delta R.T. -0.00 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Tgt Ion:108 Resp: 115879

Ion	Ratio	Lower	Upper
108	100		
106	104.7	84.8	127.2
79	21.3	17.0	25.4



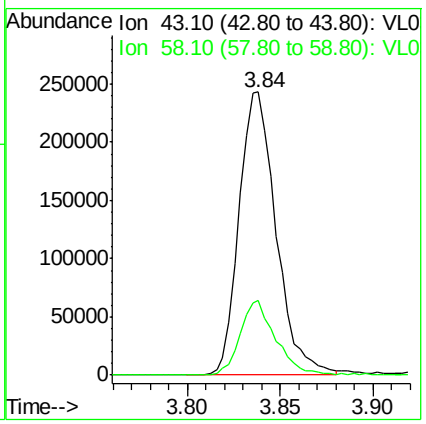


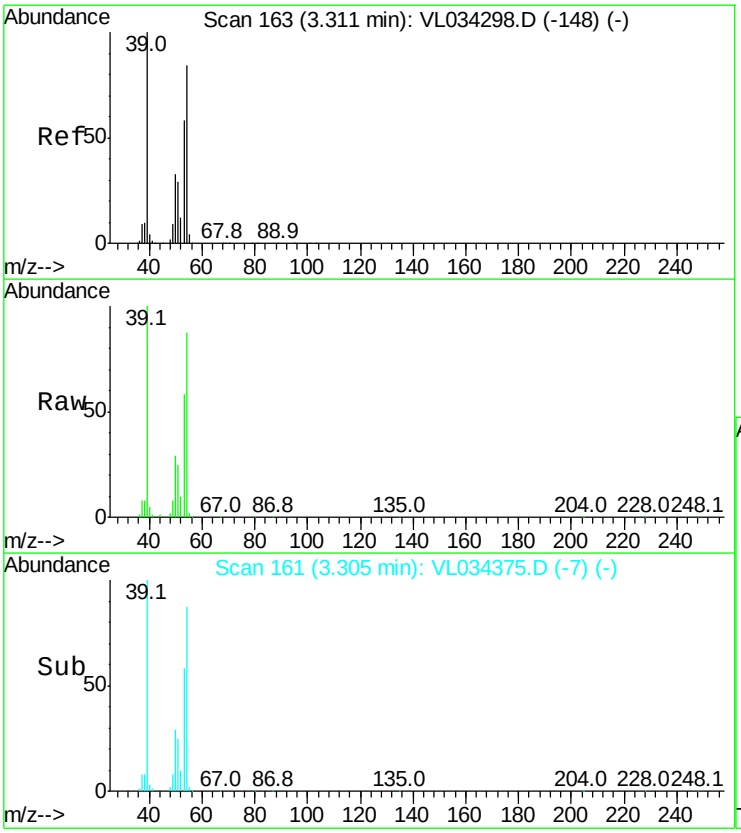
#15
Acetone
Concen: 2.158 ppbv
RT: 3.84 min Scan# 327
Delta R.T. -0.00 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 338662

Ion	Ratio	Lower	Upper
43	100		
58	25.7	20.4	30.6

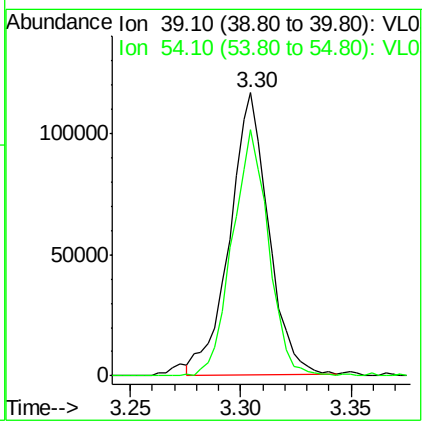


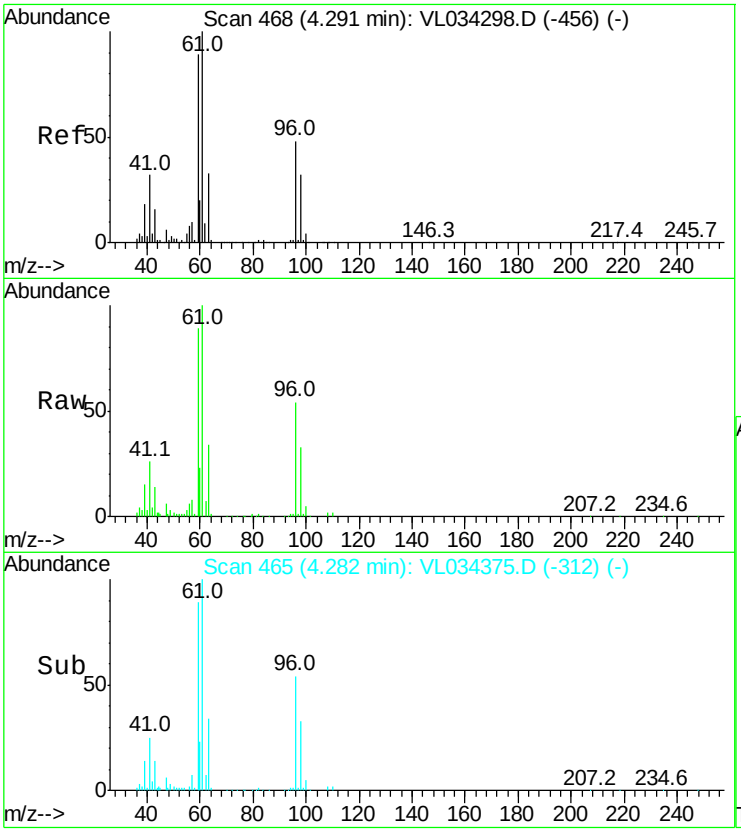


#16
1,3-Butadiene
Concen: 2.221 ppbv
RT: 3.30 min Scan# 161
Delta R.T. -0.01 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Tgt Ion: 39 Resp: 141593

Ion	Ratio	Lower	Upper
39	100		
54	82.3	63.9	95.9



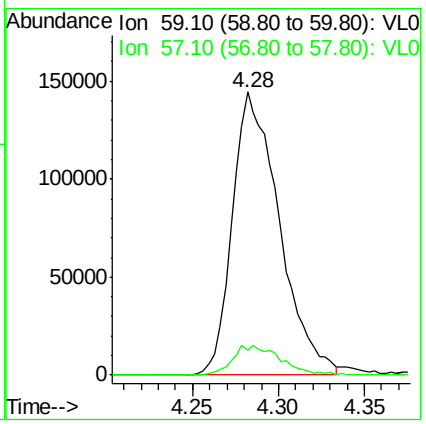


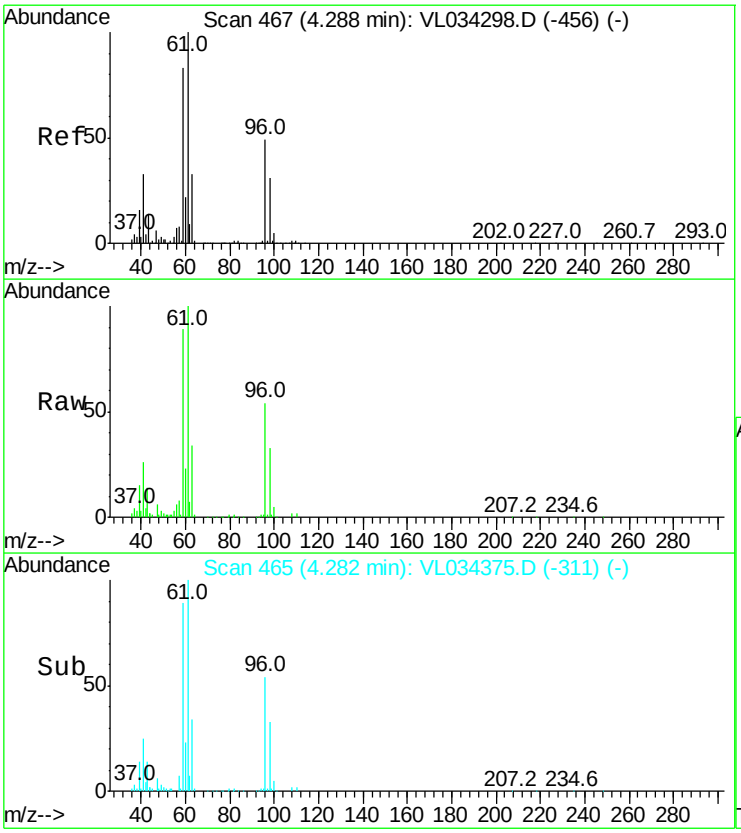
#17
tert-Butyl alcohol
Concen: 2.736 ppbv
RT: 4.28 min Scan# 465
Delta R.T. -0.01 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 59 Resp: 274052

Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.8	13.2

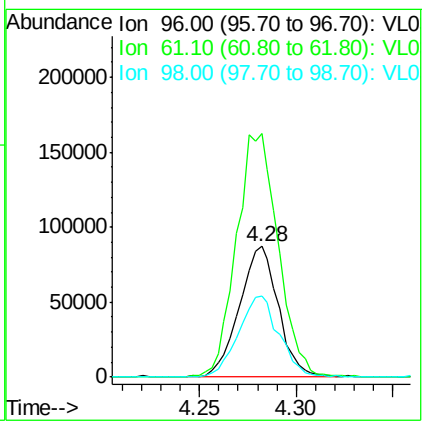


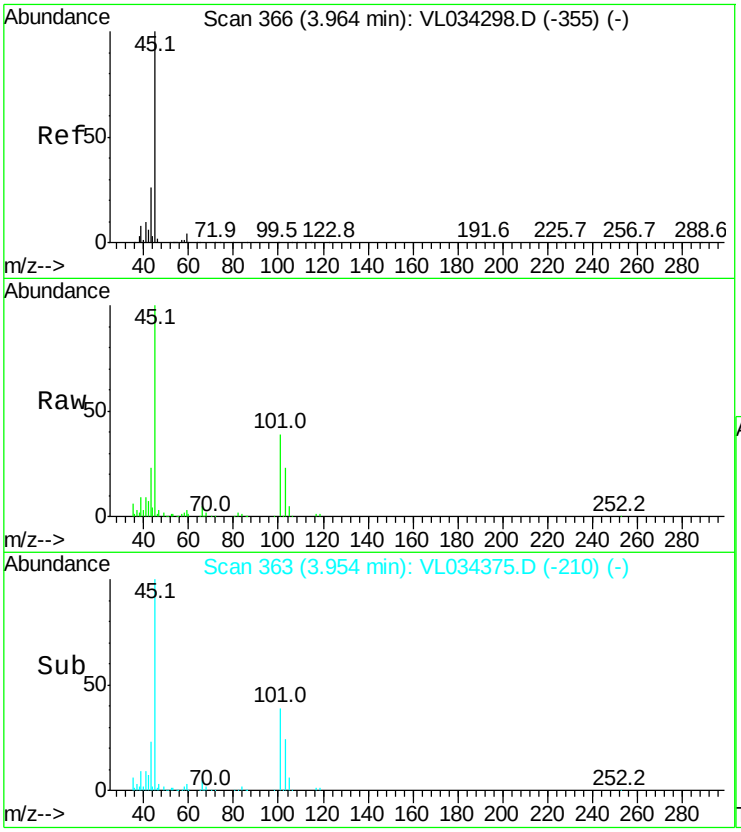


#18
1,1-Dichloroethene
Concen: 2.372 ppbv
RT: 4.28 min Scan# 465
Delta R.T. -0.01 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Tgt Ion: 96 Resp: 122205

Ion	Ratio	Lower	Upper
96	100		
61	186.2	164.5	246.7
98	61.5	51.7	77.5



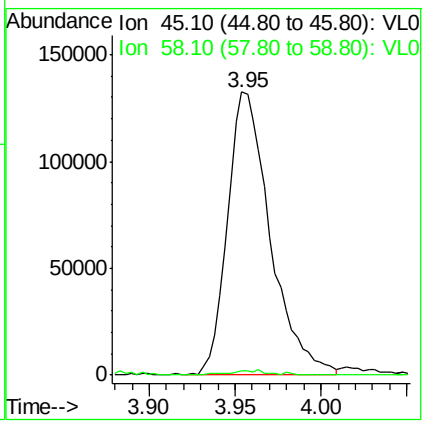


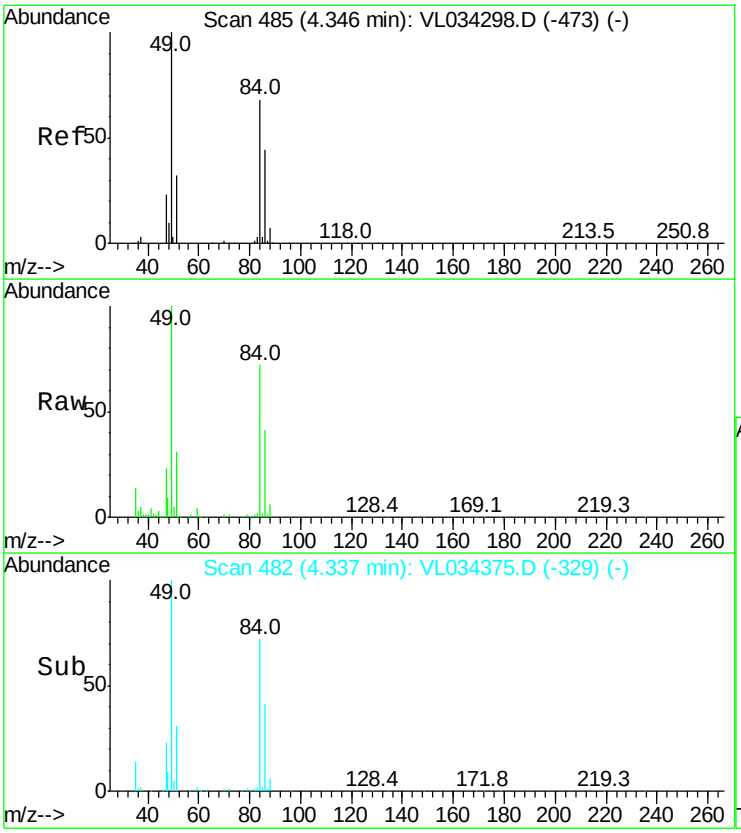
#19
Isopropyl Alcohol
Concen: 2.618 ppbv
RT: 3.95 min Scan# 363
Delta R.T. -0.01 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 45 Resp: 229214

Ion	Ratio	Lower	Upper
45	100		
58	1.9	1.4	2.2

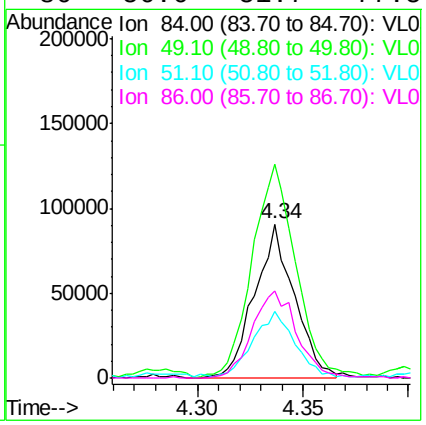


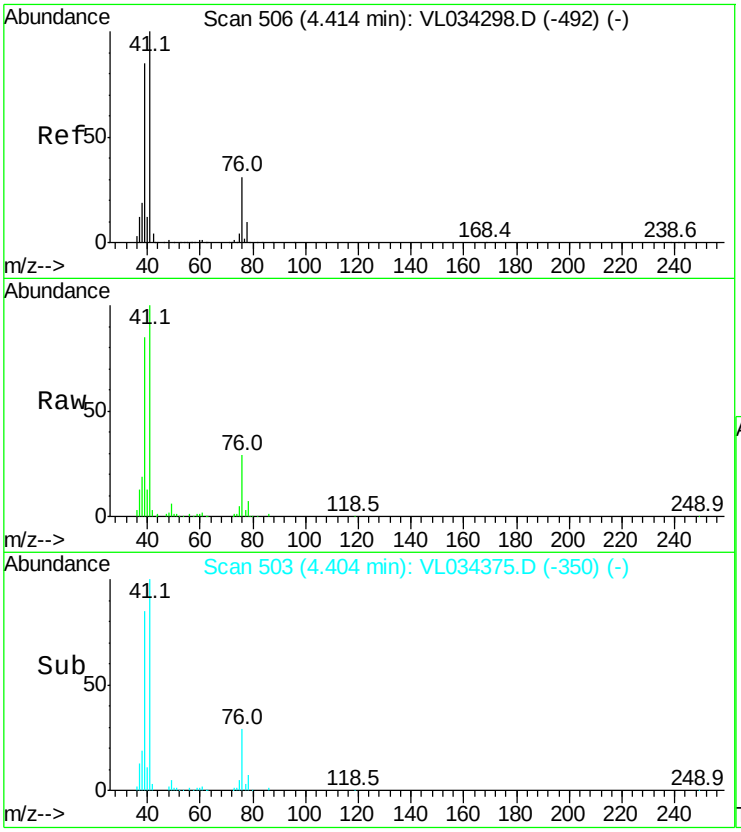


#20
Methylene Chloride
Concen: 2.099 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.01 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Tgt Ion: 84 Resp: 119088

Ion	Ratio	Lower	Upper
84	100		
49	135.7	118.5	177.7
51	42.4	38.8	58.2
86	56.6	51.7	77.5



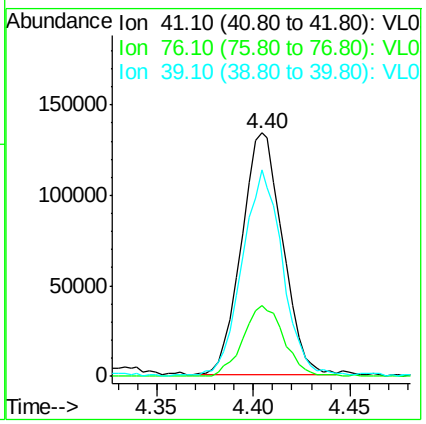


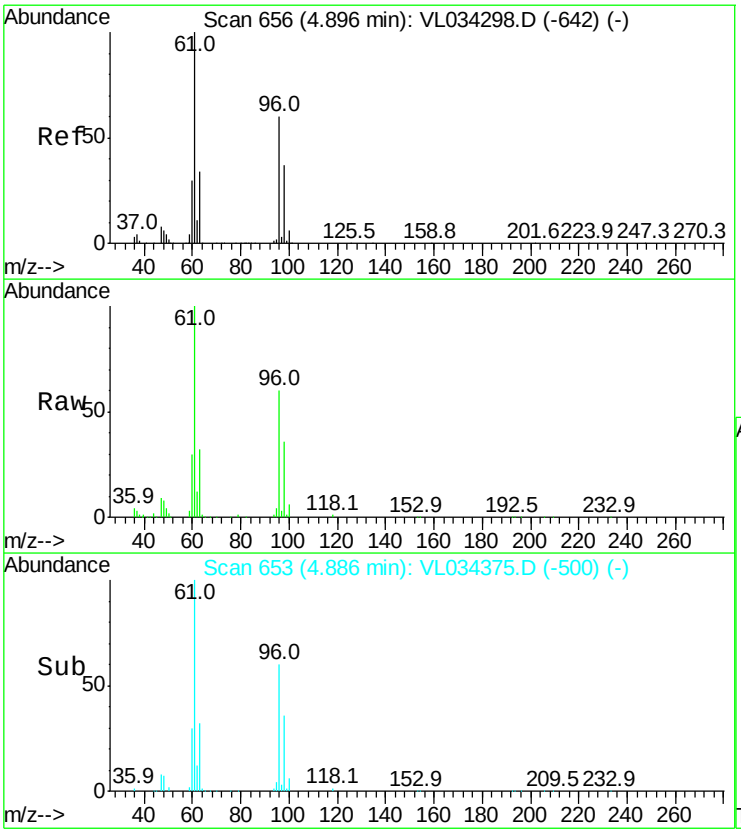
#21
Allyl Chloride
Concen: 2.289 ppbv
RT: 4.40 min Scan# 503
Delta R.T. -0.01 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 41 Resp: 198597

Ion	Ratio	Lower	Upper
41	100		
76	29.0	22.8	34.2
39	84.9	66.0	99.0

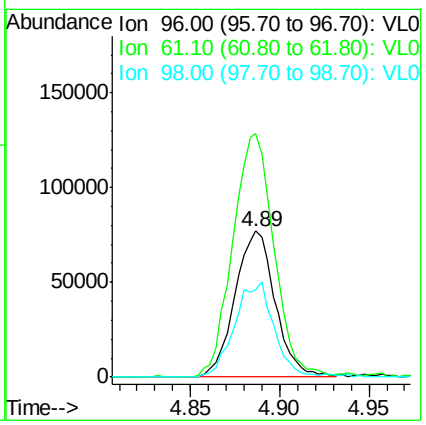


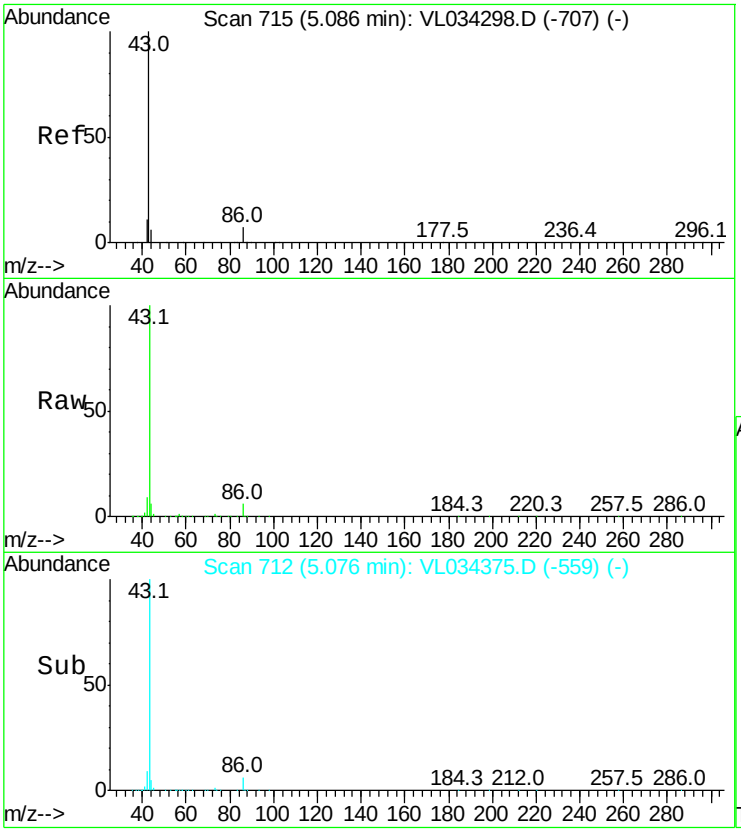


#22
trans-1,2-Dichloroethene
Concen: 2.346 ppbv
RT: 4.89 min Scan# 653
Delta R.T. -0.01 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Tgt Ion: 96 Resp: 120523

Ion	Ratio	Lower	Upper
96	100		
61	166.7	133.8	200.6
98	59.7	49.4	74.0



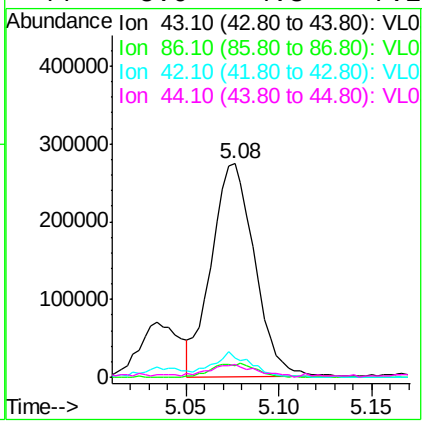


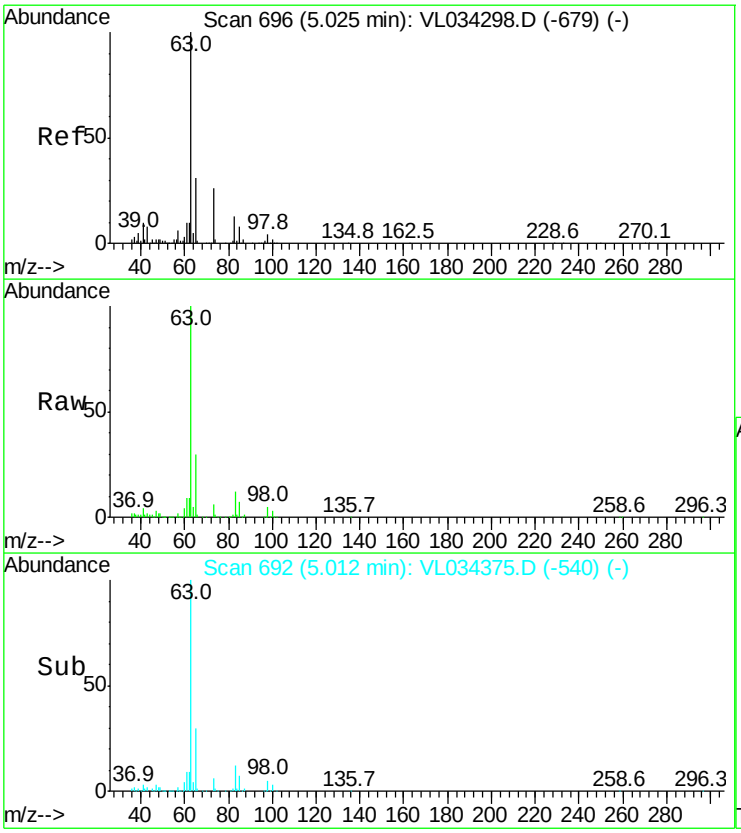
#23
Vinyl Acetate
Concen: 2.247 ppbv
RT: 5.08 min Scan# 712
Delta R.T. -0.01 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 440358

Ion	Ratio	Lower	Upper
43	100		
86	5.9	5.0	7.4
42	8.9	8.6	13.0
44	5.0	4.8	7.2

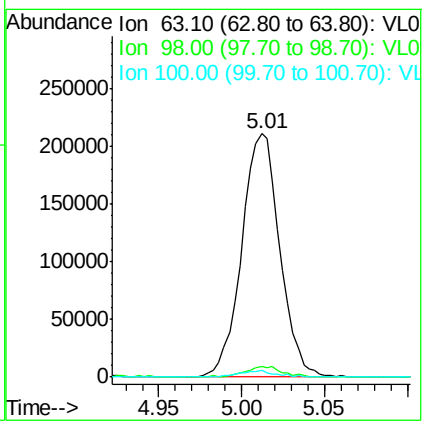


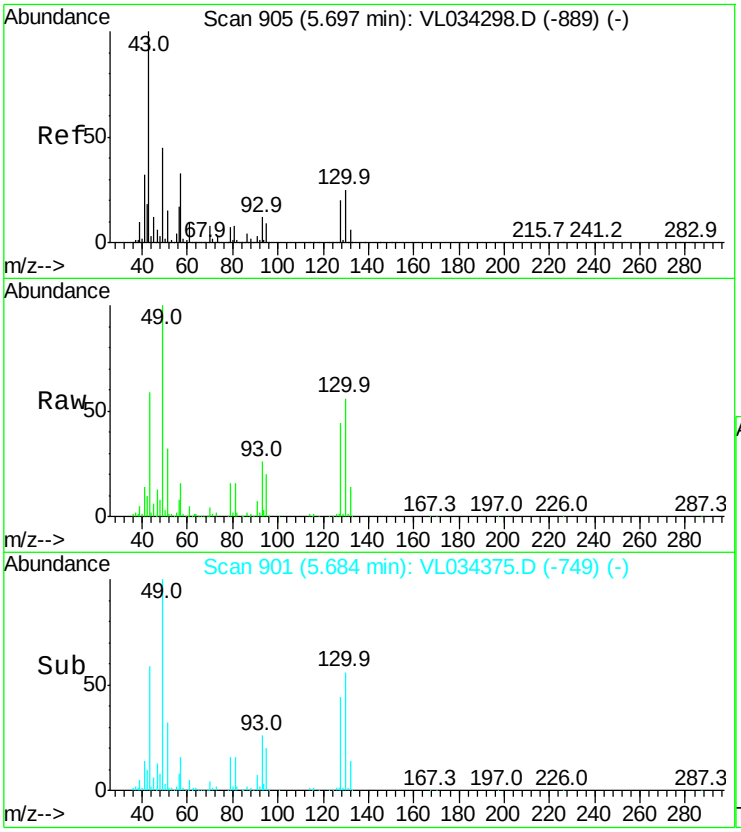


#24
1,1-Dichloroethane
Concen: 2.311 ppbv
RT: 5.01 min Scan# 692
Delta R.T. -0.01 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Tgt Ion: 63 Resp: 336062

Ion	Ratio	Lower	Upper
63	100		
98	4.6	2.0	6.0
100	2.7	1.1	3.5



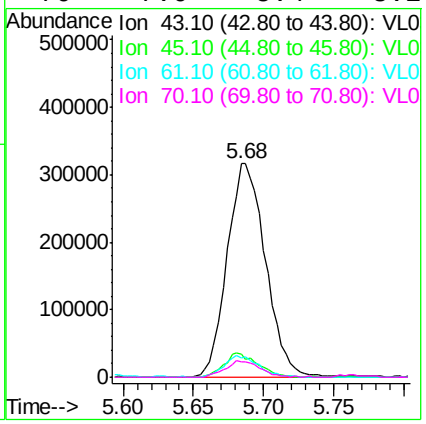


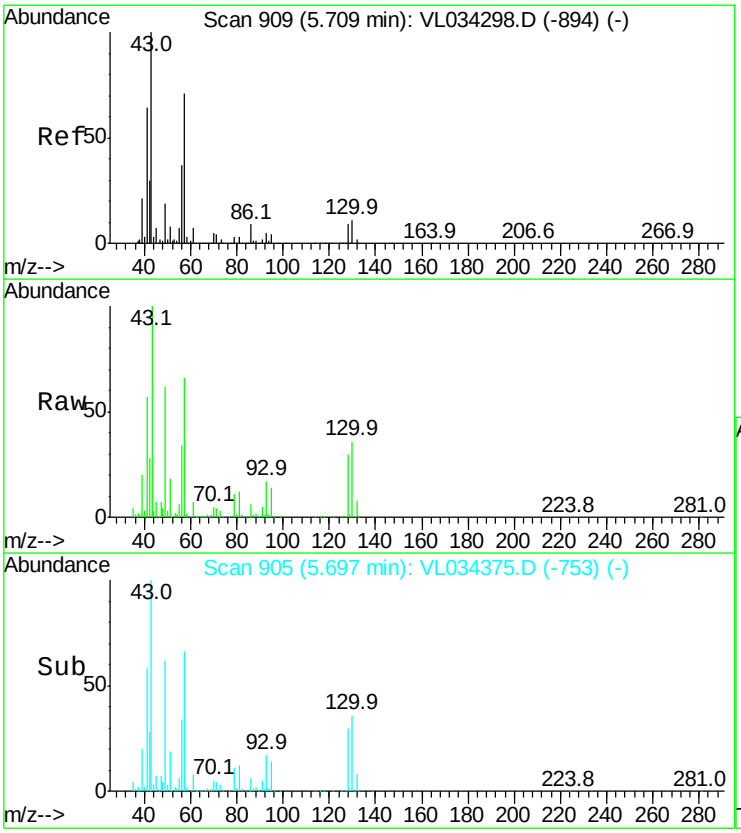
#25
Ethyl Acetate
Concen: 2.273 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.01 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 602216

Ion	Ratio	Lower	Upper
43	100		
45	9.8	8.3	12.5
61	9.0	7.7	11.5
70	7.0	5.4	8.2

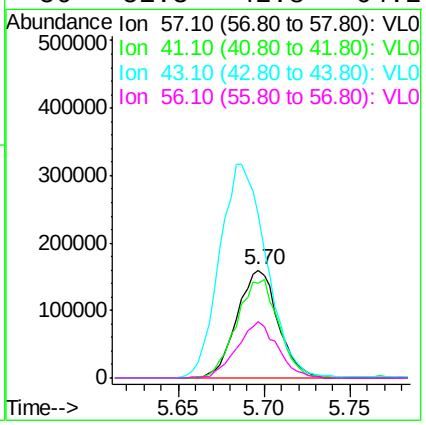


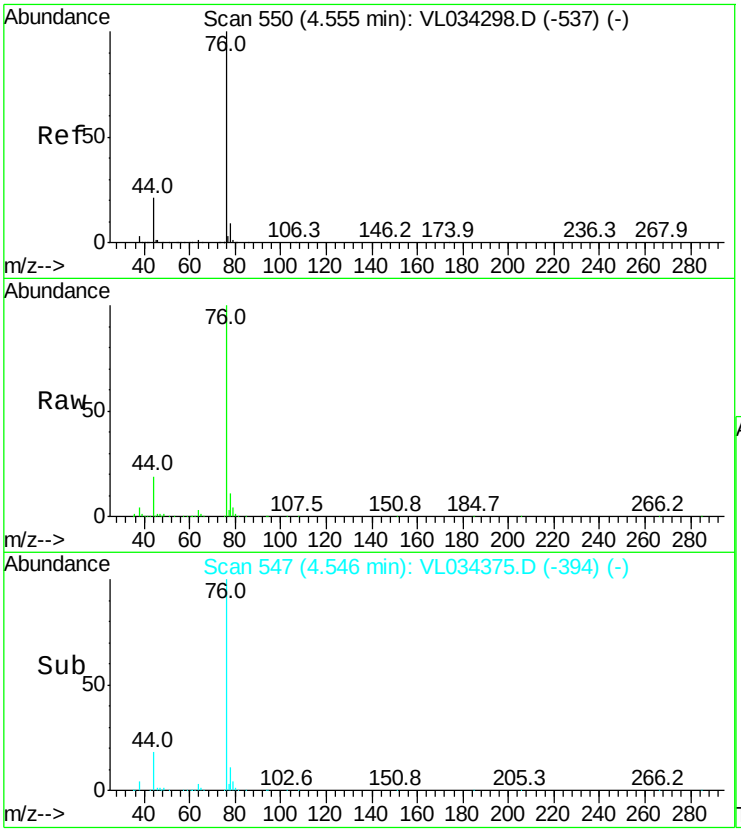


#26
Hexane
Concen: 2.352 ppbv
RT: 5.70 min Scan# 905
Delta R.T. -0.01 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Tgt Ion: 57 Resp: 265590

Ion	Ratio	Lower	Upper
57	100		
41	94.0	76.5	114.7
43	229.0	188.5	282.7
56	51.3	42.8	64.2



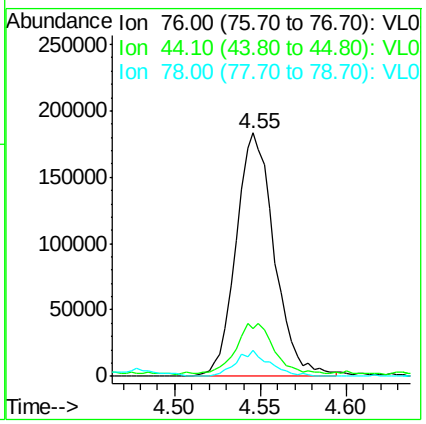


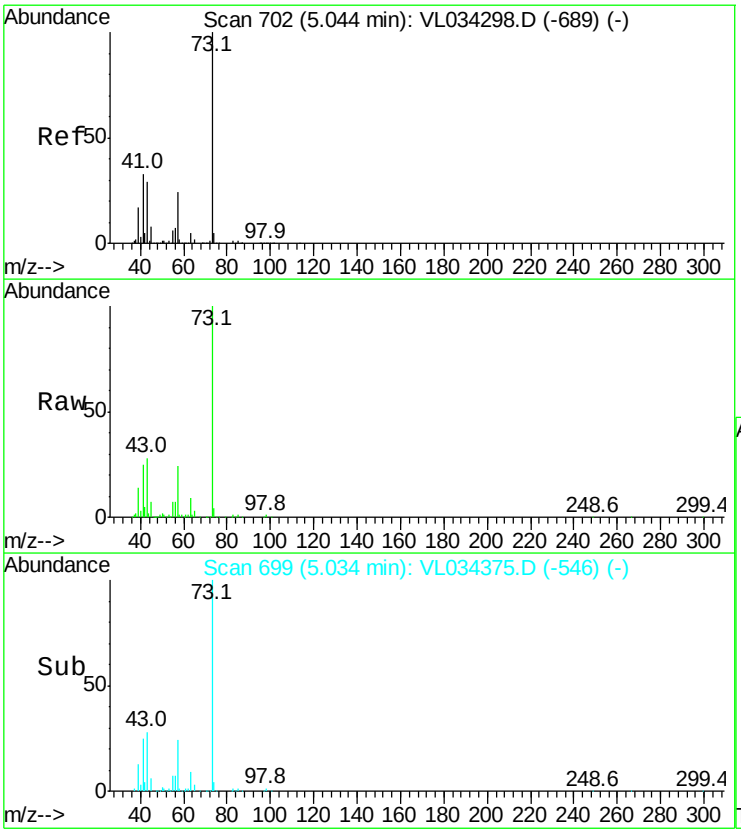
#27
Carbon Disulfide
Concen: 2.399 ppbv
RT: 4.55 min Scan# 547
Delta R.T. -0.01 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 76 Resp: 281288

Ion	Ratio	Lower	Upper
76	100		
44	21.6	17.3	25.9
78	9.7	7.8	11.6

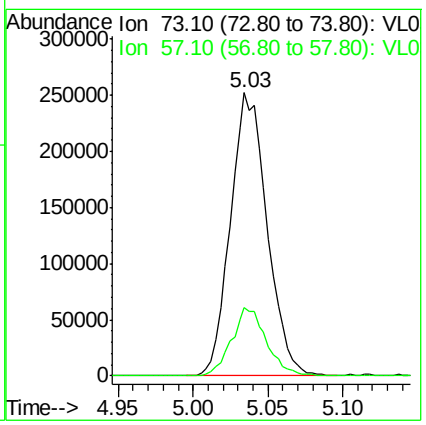


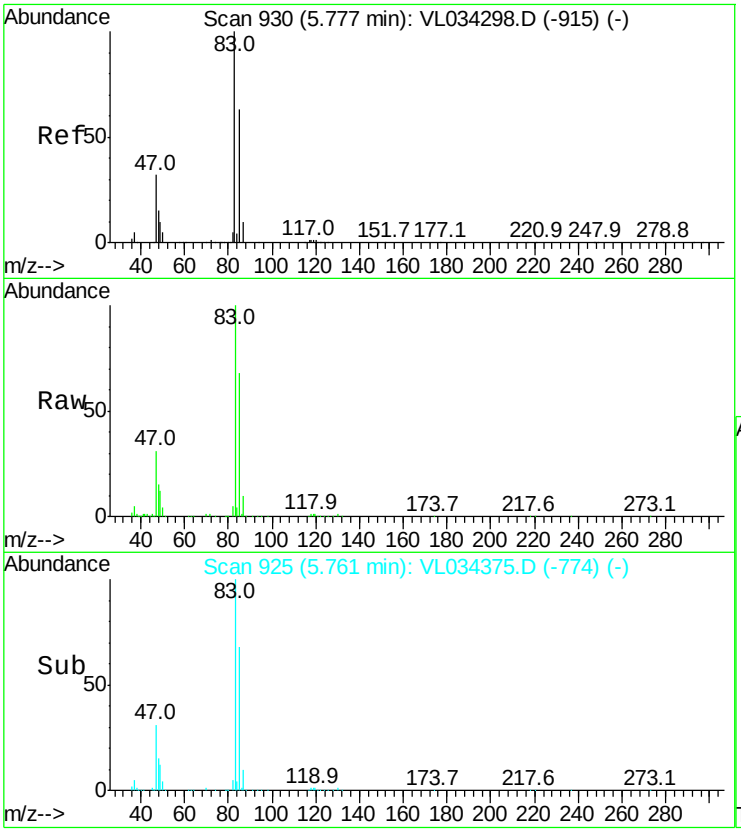


#28
Methyl tert-Butyl Ether
Concen: 2.519 ppbv
RT: 5.03 min Scan# 699
Delta R.T. -0.01 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Tgt Ion: 73 Resp: 430459

Ion	Ratio	Lower	Upper
73	100		
57	23.0	19.2	28.8



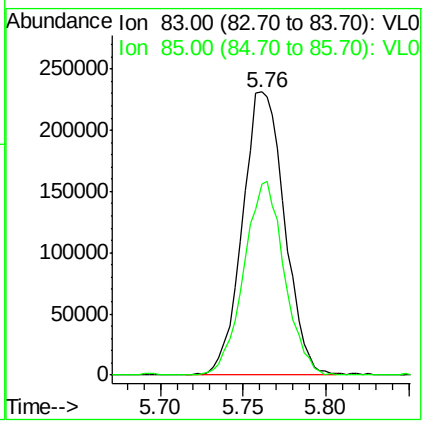


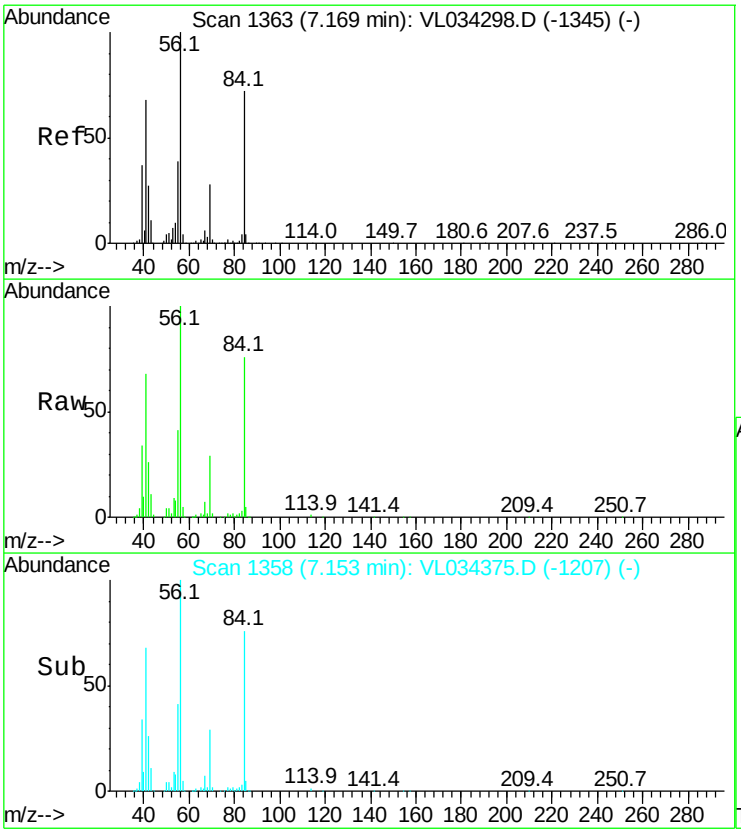
#29
Chloroform
Concen: 2.291 ppbv
RT: 5.76 min Scan# 925
Delta R.T. -0.02 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 83 Resp: 409192

Ion	Ratio	Lower	Upper
83	100		
85	67.5	50.5	75.7

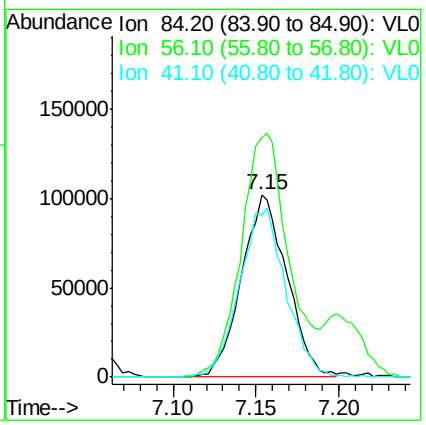


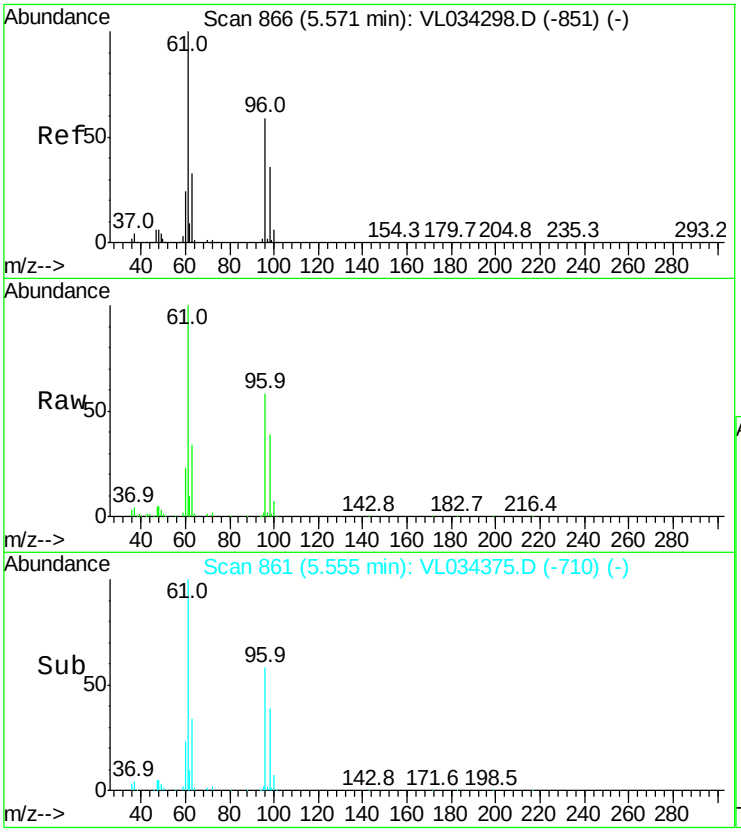


#30
Cyclohexane
Concen: 2.311 ppbv
RT: 7.15 min Scan# 1358
Delta R.T. -0.02 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Tgt Ion: 84 Resp: 191954

Ion	Ratio	Lower	Upper
84	100		
56	171.0	119.4	179.0
41	95.4	78.7	118.1



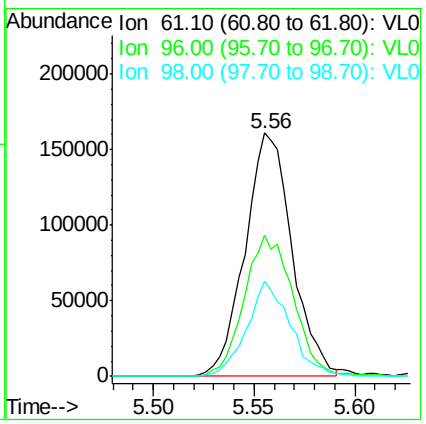


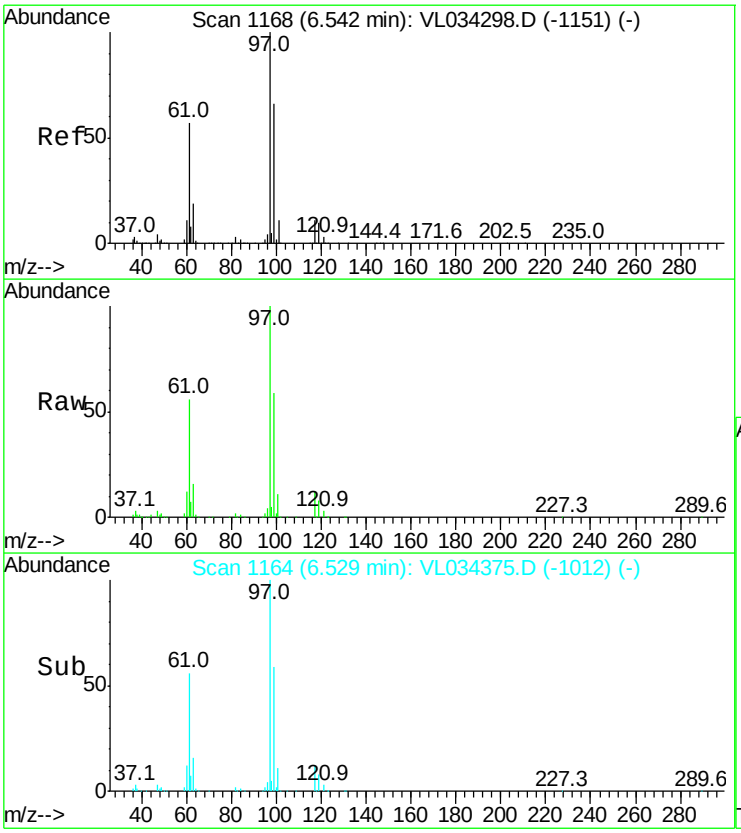
#31
cis-1,2-Dichloroethene
Concen: 2.290 ppbv
RT: 5.56 min Scan# 861
Delta R.T. -0.02 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 61 Resp: 262409

Ion	Ratio	Lower	Upper
61	100		
96	58.1	47.5	71.3
98	39.0	28.8	43.2

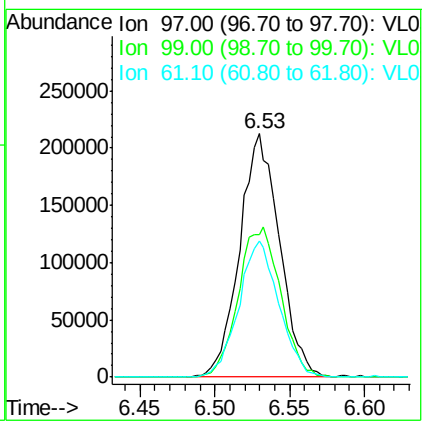


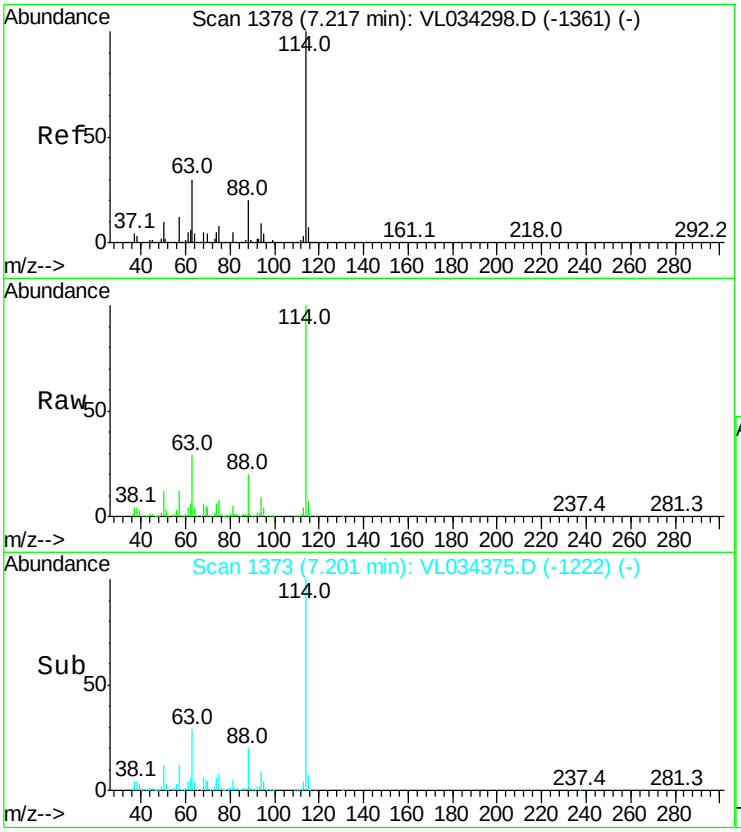


#32
1,1,1-Trichloroethane
Concen: 2.271 ppbv
RT: 6.53 min Scan# 1164
Delta R.T. -0.01 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Tgt Ion: 97 Resp: 394421

Ion	Ratio	Lower	Upper
97	100		
99	65.2	52.6	78.8
61	56.5	44.5	66.7



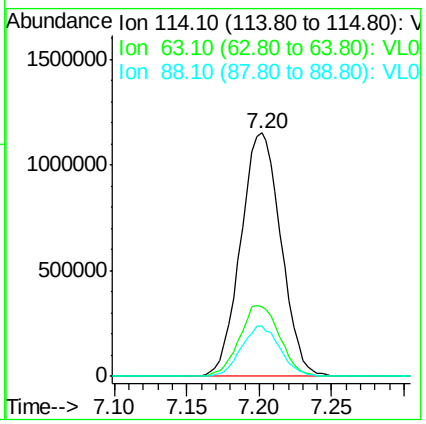


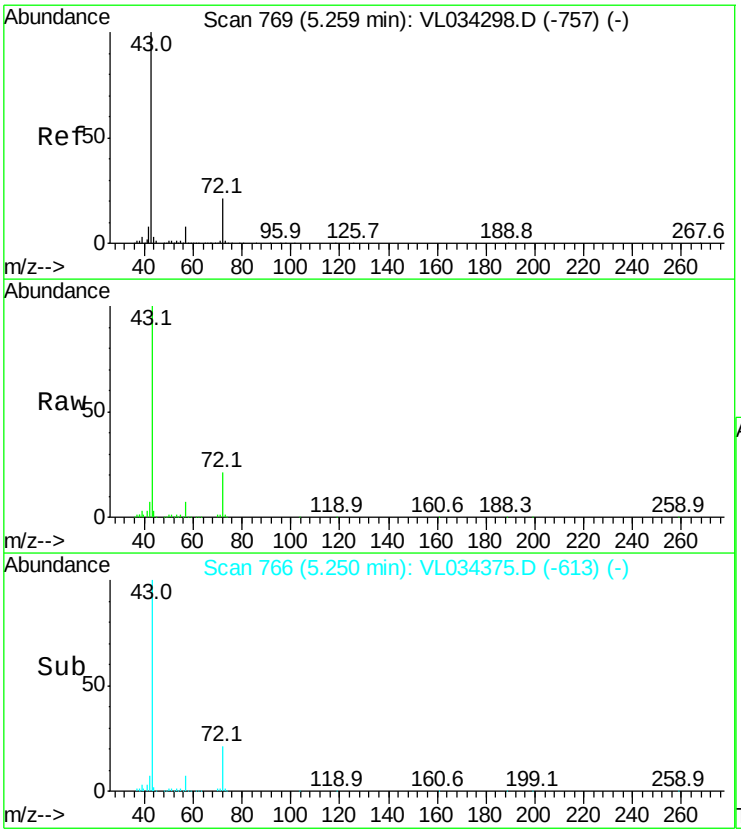
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1373
Delta R.T. -0.02 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:114 Resp: 2227150

Ion	Ratio	Lower	Upper
114	100		
63	29.3	25.2	37.8
88	19.9	16.0	24.0

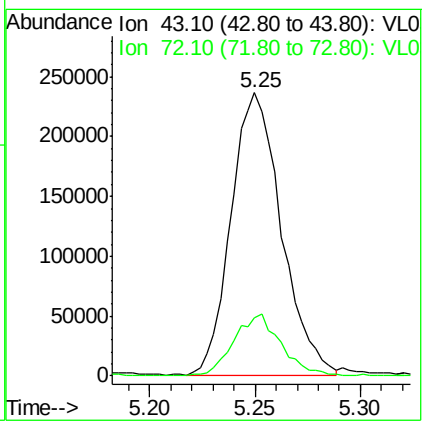


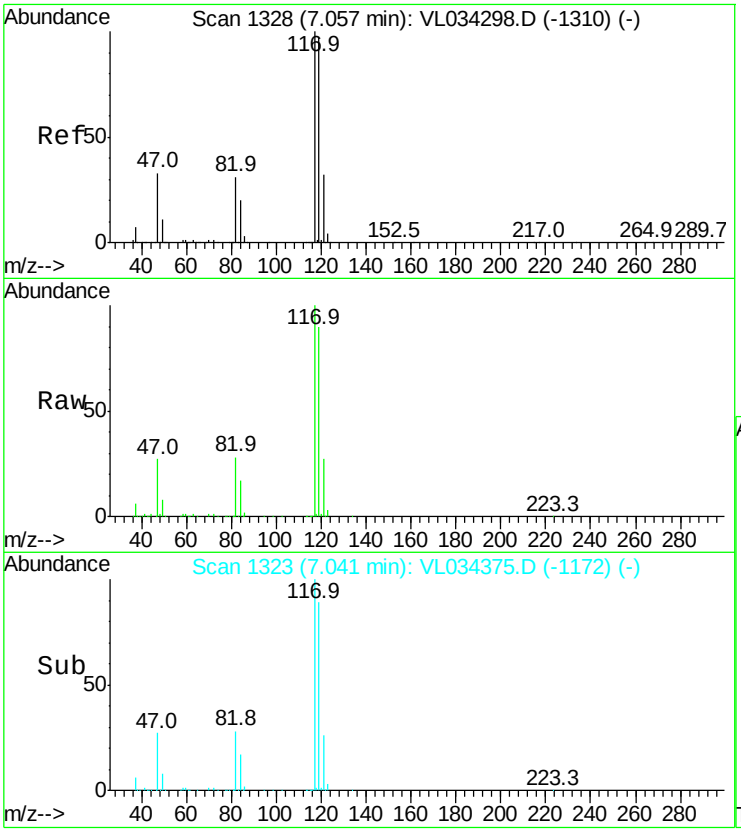


#34
2-Butanone
Concen: 2.150 ppbv
RT: 5.25 min Scan# 766
Delta R.T. -0.01 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Tgt Ion: 43 Resp: 391416

Ion	Ratio	Lower	Upper
43	100		
72	20.7	16.3	24.5



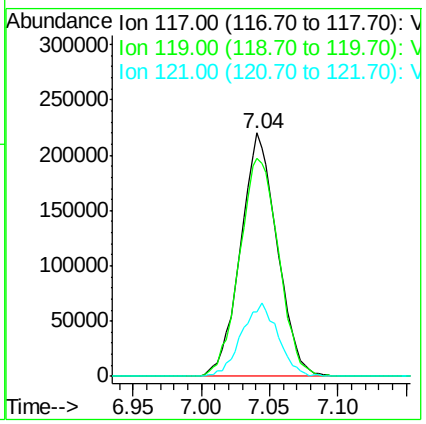


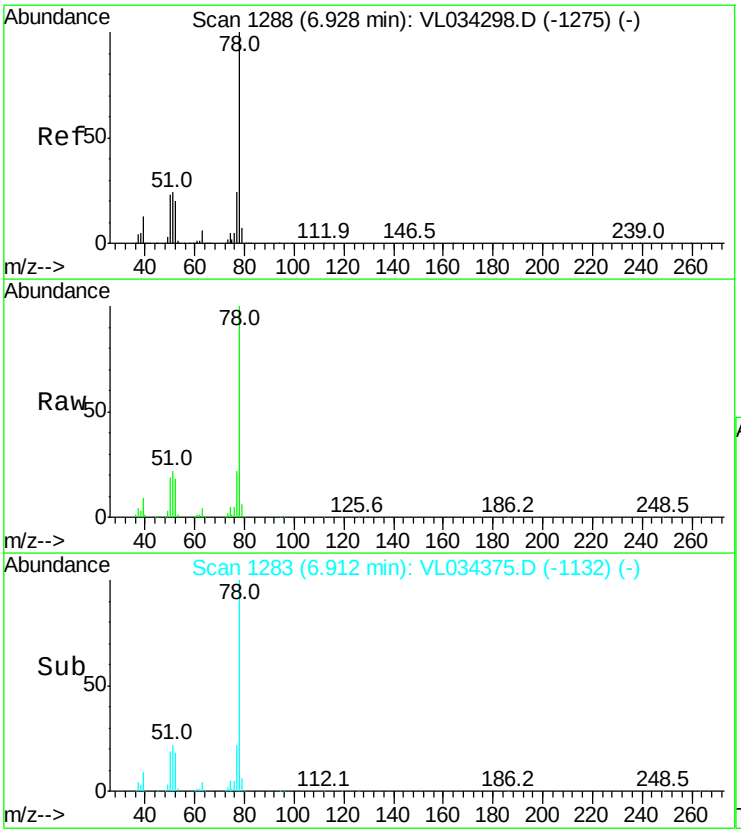
#35
Carbon Tetrachloride
Concen: 2.109 ppbv
RT: 7.04 min Scan# 1323
Delta R.T. -0.02 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:117 Resp: 409077

Ion	Ratio	Lower	Upper
117	100		
119	89.5	77.3	115.9
121	26.6	25.5	38.3

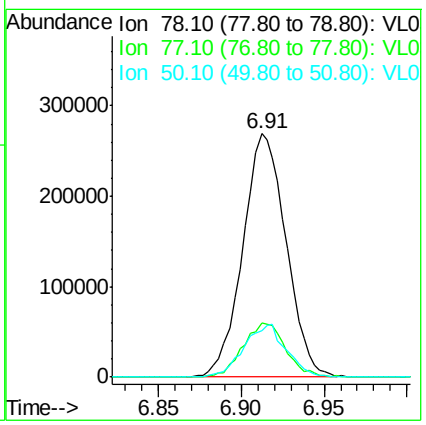


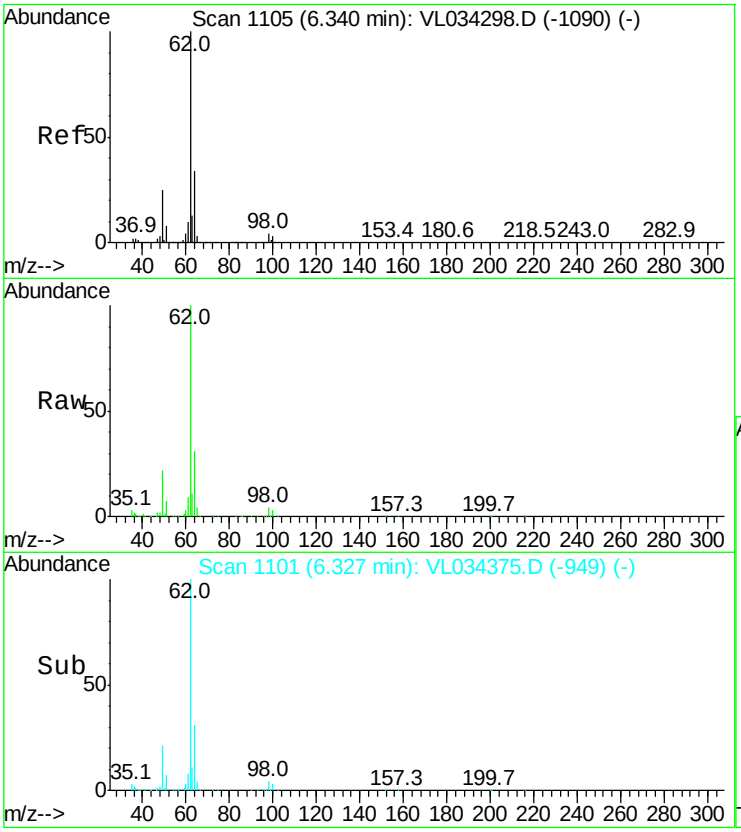


#36
Benzene
Concen: 2.280 ppbv
RT: 6.91 min Scan# 1283
Delta R.T. -0.02 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Tgt Ion: 78 Resp: 487238

Ion	Ratio	Lower	Upper
78	100		
77	22.2	19.0	28.4
50	19.0	18.6	27.8



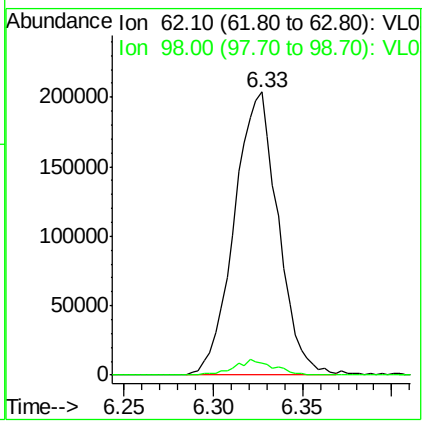


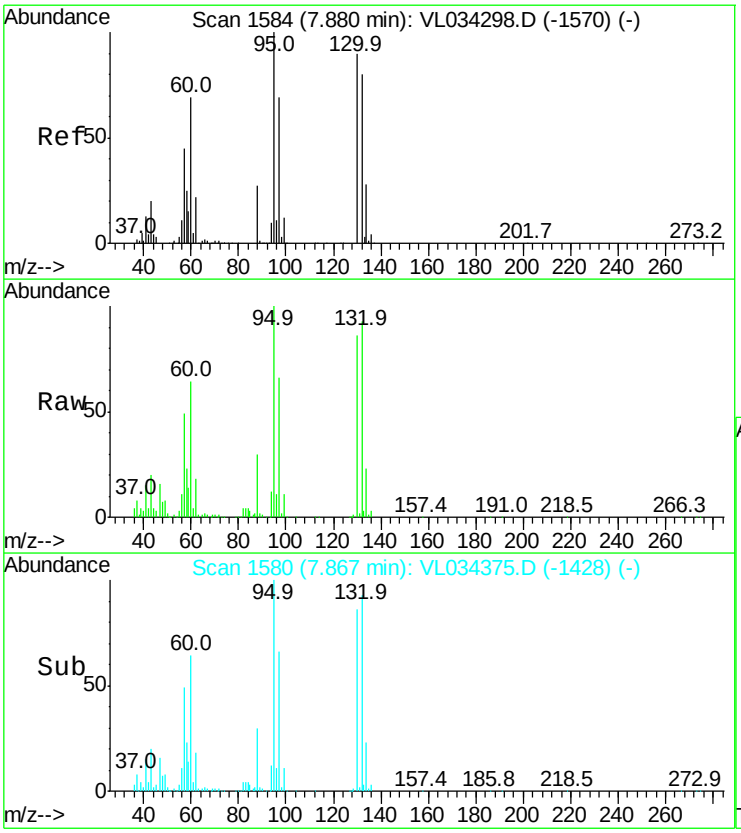
#37
1,2-Dichloroethane
Concen: 2.195 ppbv
RT: 6.33 min Scan# 1101
Delta R.T. -0.01 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 62 Resp: 349637

Ion	Ratio	Lower	Upper
62	100		
98	5.0	3.8	5.6

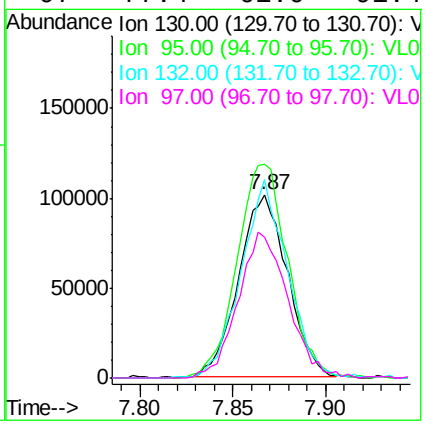


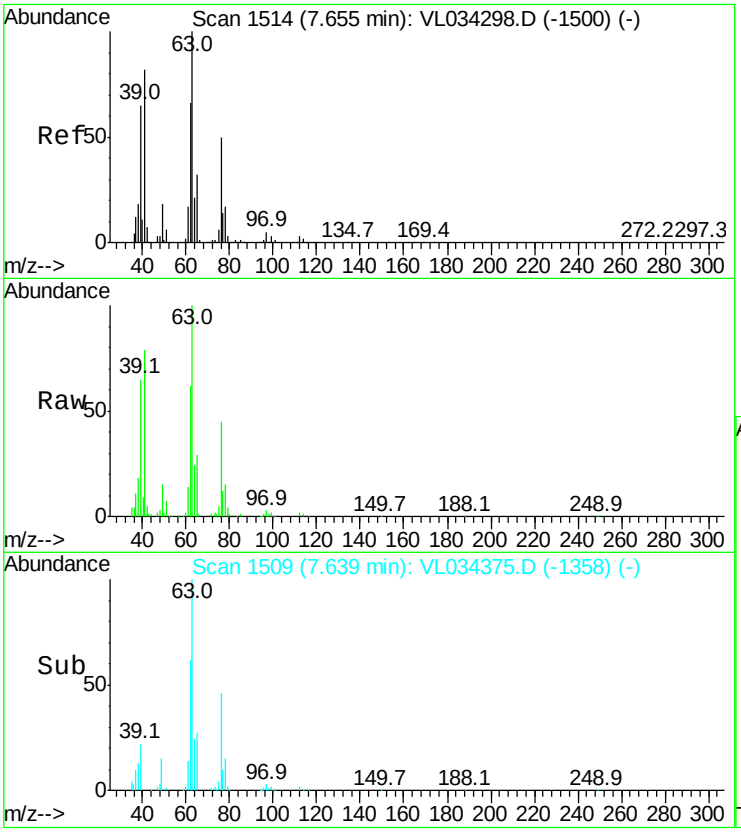


#38
Trichloroethene
Concen: 2.148 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. -0.01 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Tgt Ion:130 Resp: 184219

Ion	Ratio	Lower	Upper
130	100		
95	116.8	88.6	132.8
132	108.7	71.2	106.8#
97	77.4	61.0	91.4



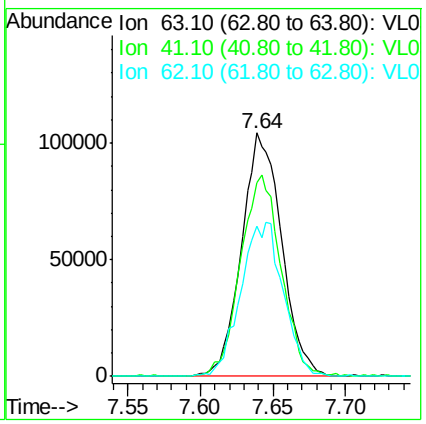


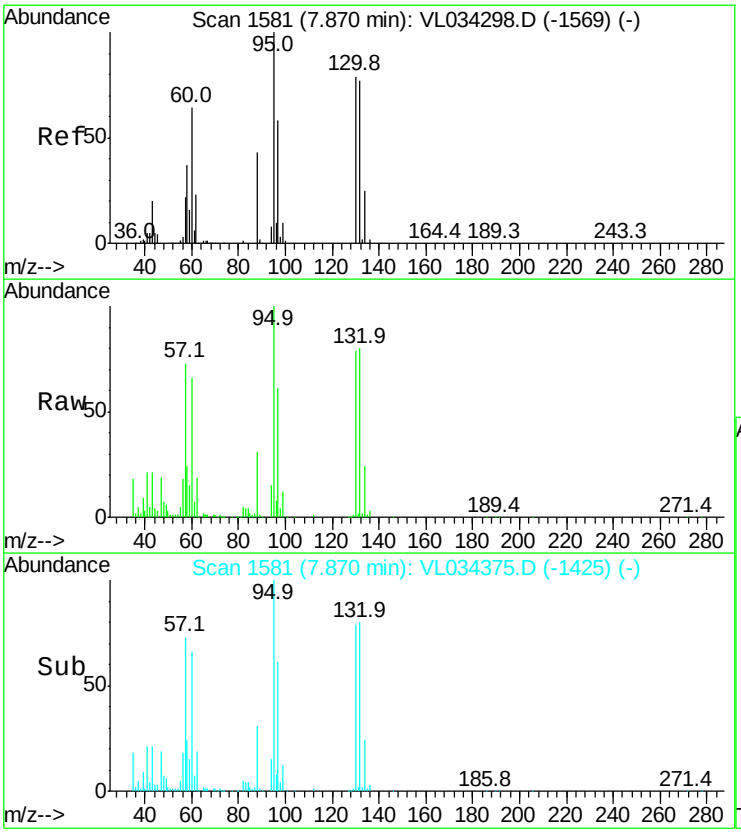
#39
1,2-Dichloropropane
Concen: 2.175 ppbv
RT: 7.64 min Scan# 1509
Delta R.T. -0.02 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 63 Resp: 200141

Ion	Ratio	Lower	Upper
63	100		
41	79.3	65.6	98.4
62	61.8	53.0	79.6

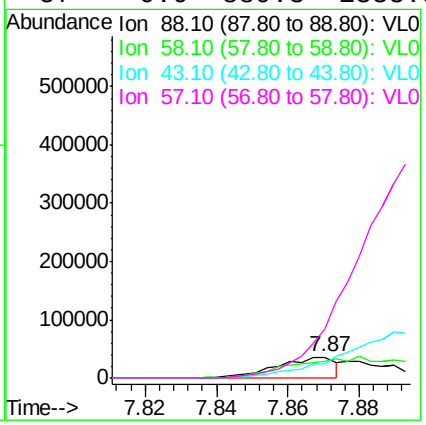


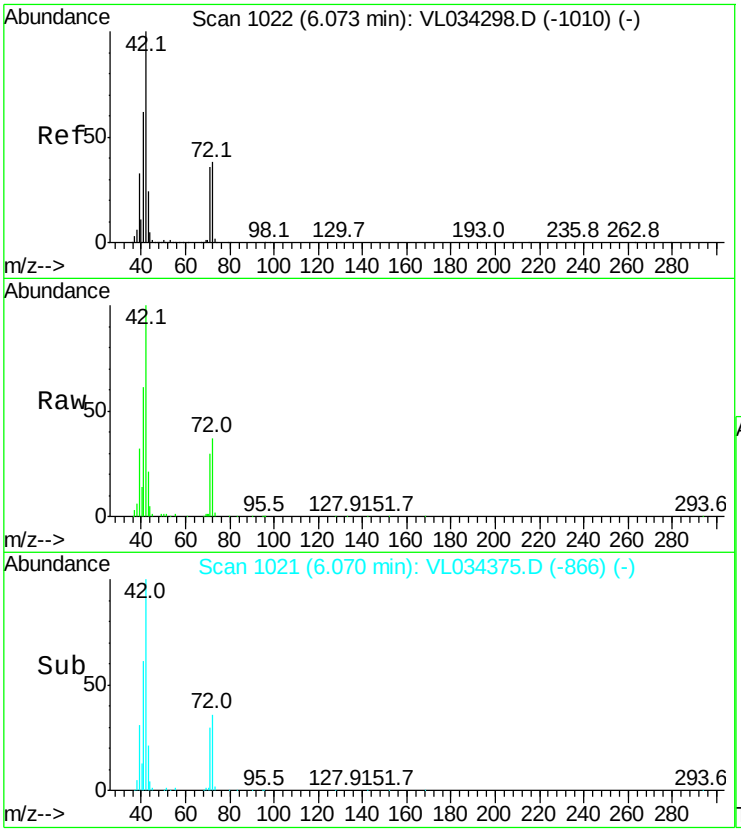


#40
1,4-Dioxane
Concen: 1.270 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Tgt Ion: 88 Resp: 41068

Ion	Ratio	Lower	Upper
88	100		
58	0.0	110.3	165.5#
43	0.0	228.1	342.1#
57	0.0	889.3	1333.9#



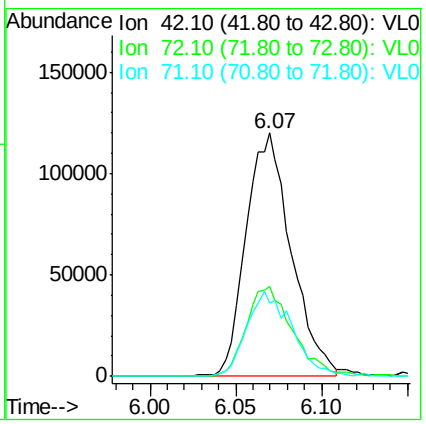


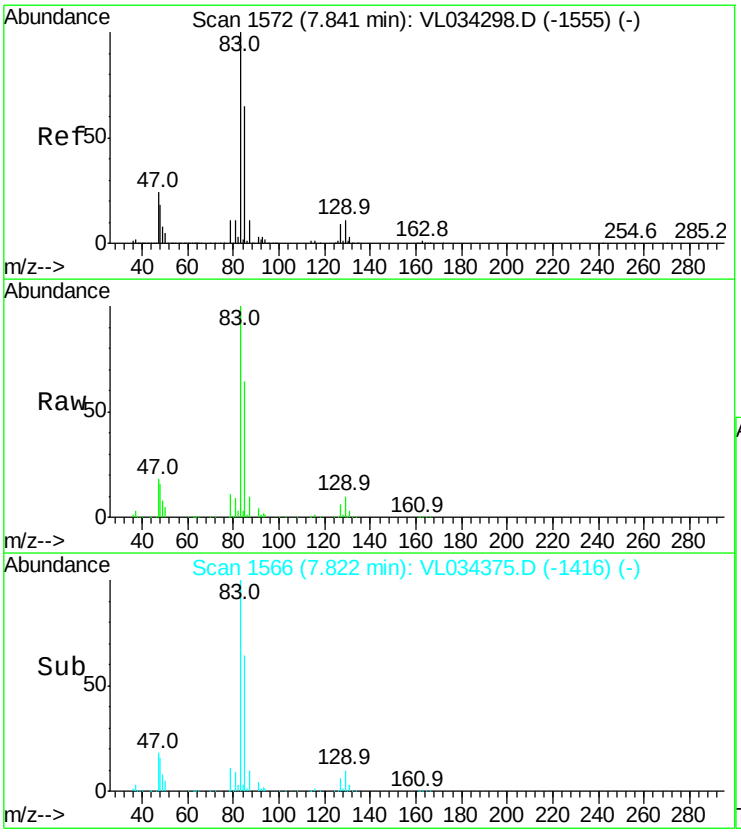
#41
Tetrahydrofuran
Concen: 2.170 ppbv
RT: 6.07 min Scan# 1021
Delta R.T. -0.00 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 42 Resp: 219205

Ion	Ratio	Lower	Upper
42	100		
72	38.1	28.0	42.0
71	35.2	27.3	40.9

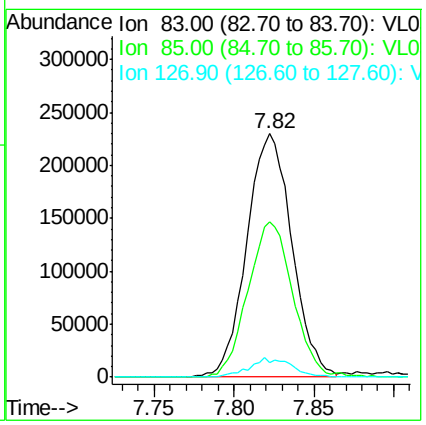


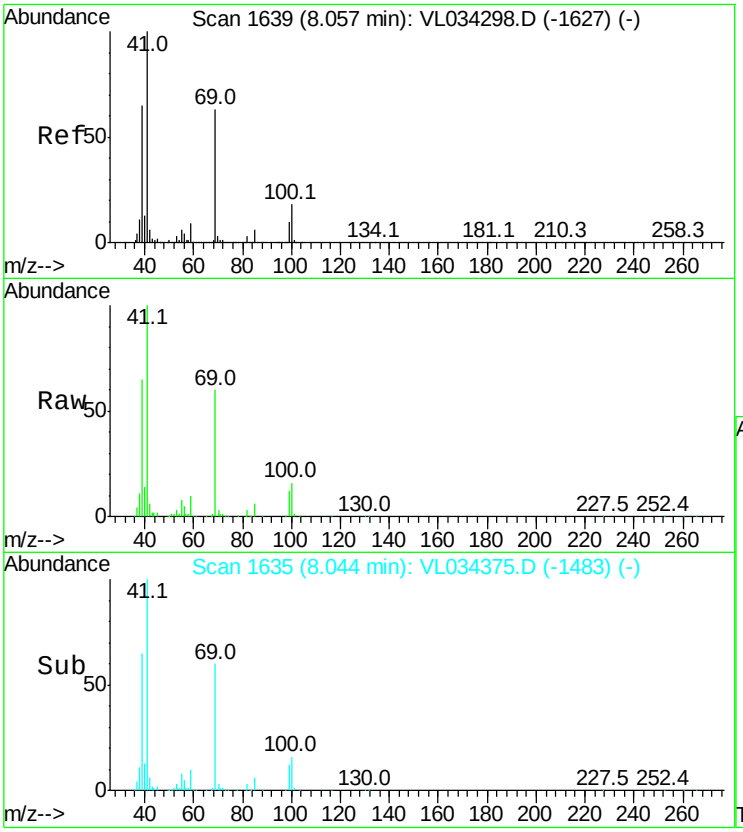


#42
Bromodichloromethane
Concen: 2.279 ppbv
RT: 7.82 min Scan# 1566
Delta R.T. -0.02 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Tgt Ion: 83 Resp: 444631

Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.8	77.6
127	6.0	7.0	10.6#



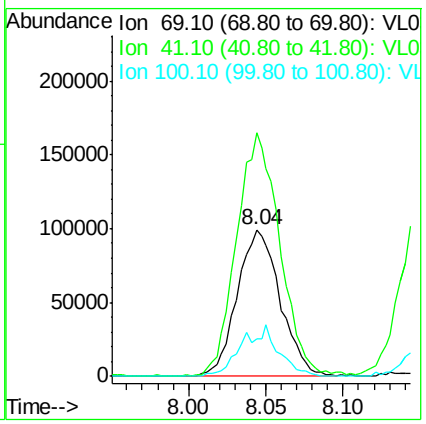


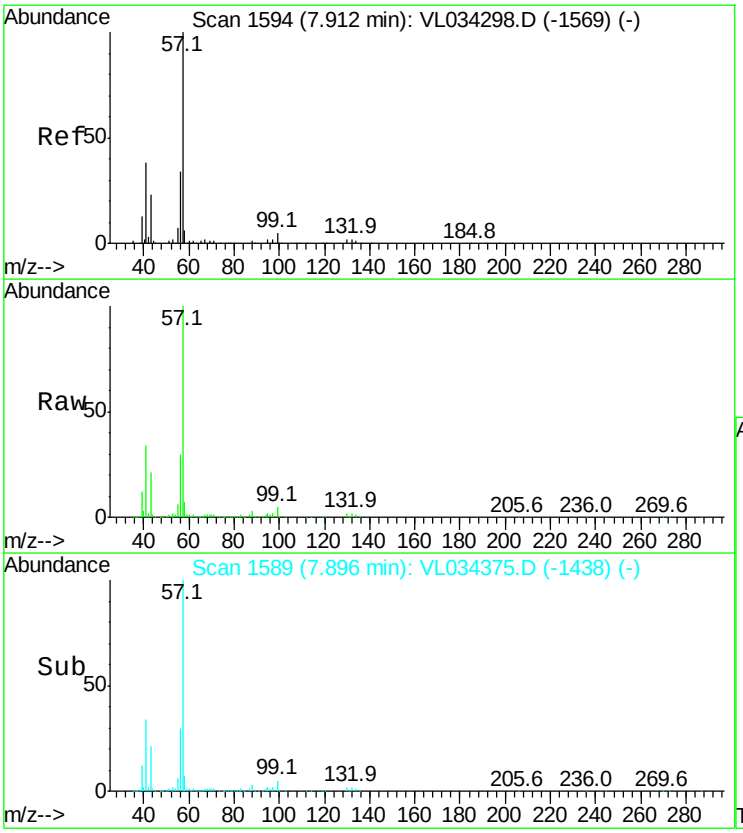
#43
Methyl Methacrylate
Concen: 2.169 ppbv
RT: 8.04 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 69 Resp: 191664

Ion	Ratio	Lower	Upper
69	100		
41	167.5	132.1	198.1
100	30.1	23.2	34.8

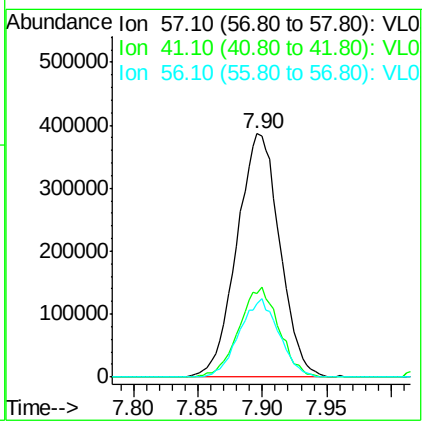


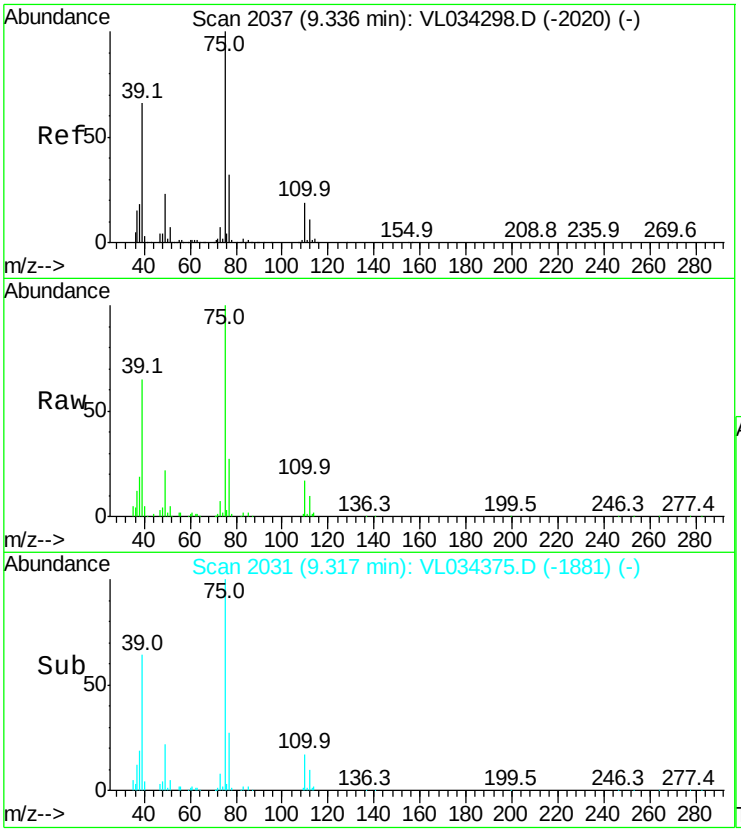


#44
2,2,4-Trimethylpentane
Concen: 2.250 ppbv
RT: 7.90 min Scan# 1589
Delta R.T. -0.02 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Tgt Ion: 57 Resp: 889947

Ion	Ratio	Lower	Upper
57	100		
41	34.9	29.3	43.9
56	30.2	25.3	37.9



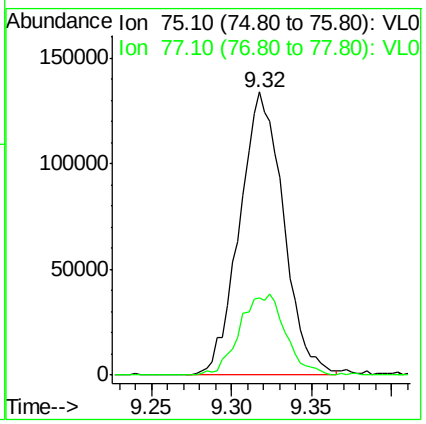


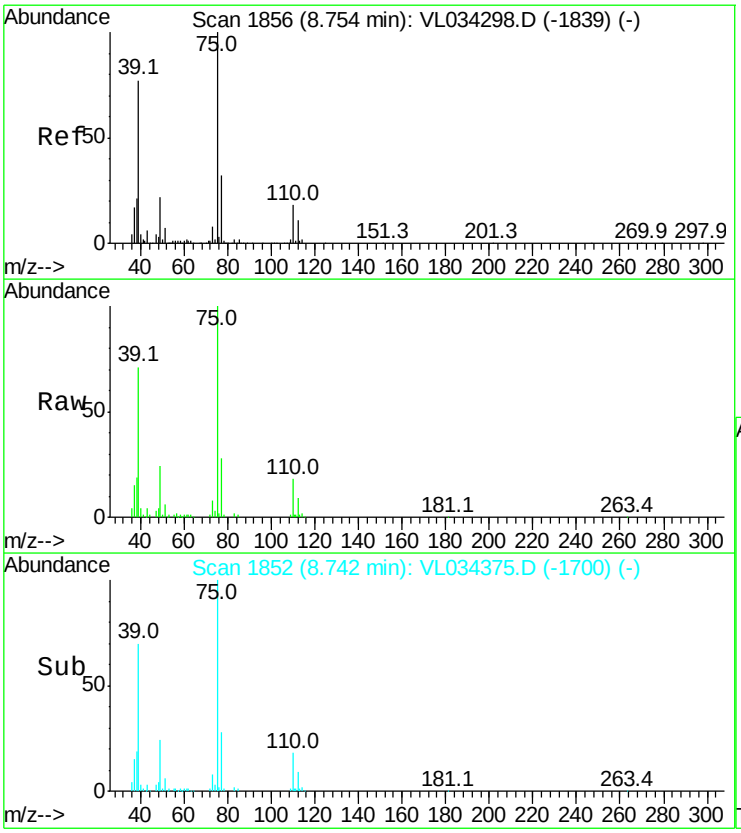
#45
t-1,3-Dichloropropene
Concen: 2.337 ppbv
RT: 9.32 min Scan# 2031
Delta R.T. -0.02 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 75 Resp: 251635

Ion	Ratio	Lower	Upper
75	100		
77	27.4	25.6	38.4

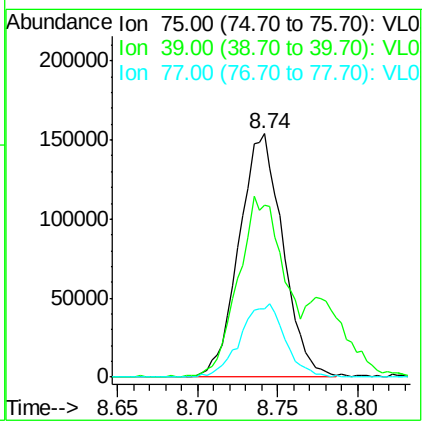


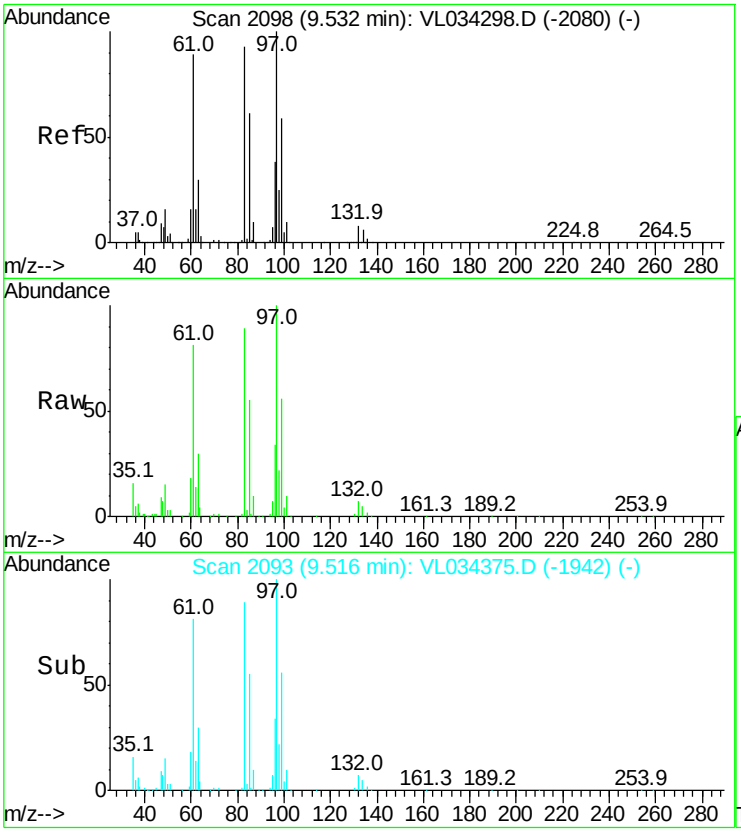


#46
cis-1,3-Dichloropropene
Concen: 2.326 ppbv
RT: 8.74 min Scan# 1852
Delta R.T. -0.01 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Tgt Ion: 75 Resp: 287724

Ion	Ratio	Lower	Upper
75	100		
39	70.3	61.2	91.8
77	28.0	25.9	38.9



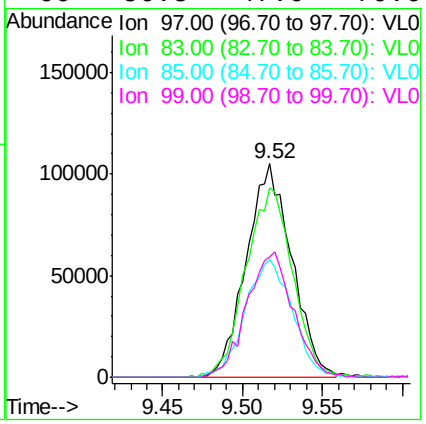


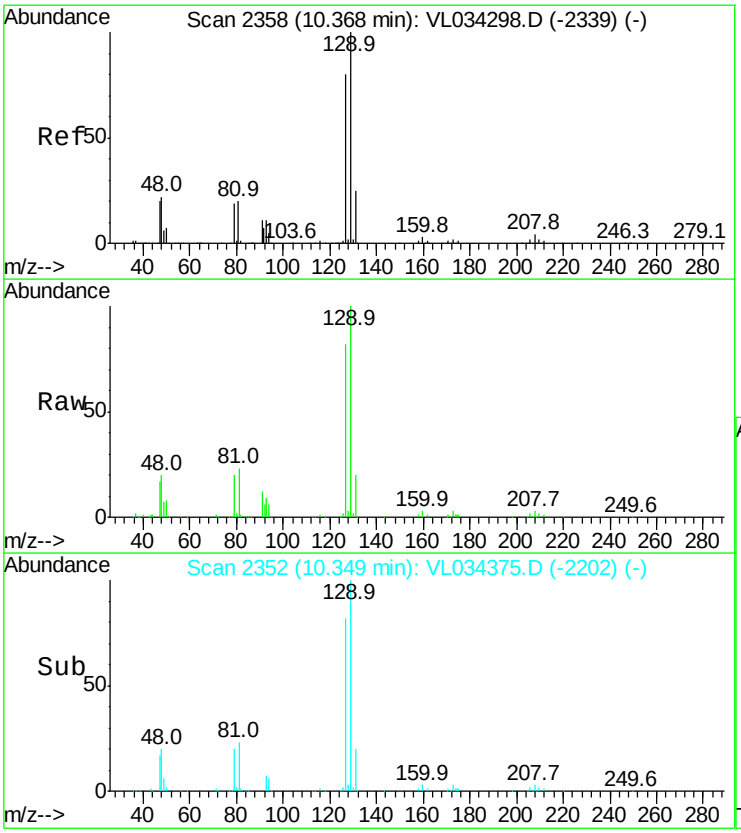
#47
1,1,2-Trichloroethane
Concen: 2.201 ppbv
RT: 9.52 min Scan# 2093
Delta R.T. -0.02 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 97 Resp: 205176

Ion	Ratio	Lower	Upper
97	100		
83	89.0	74.2	111.2
85	55.4	48.6	73.0
99	56.3	47.0	70.6

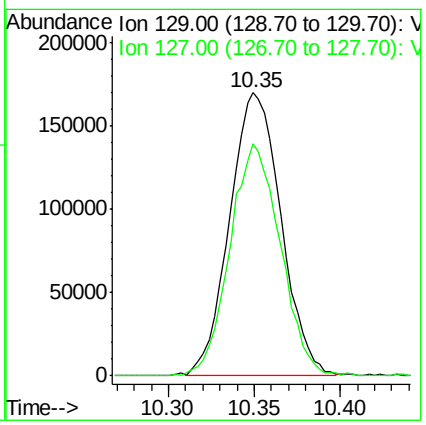


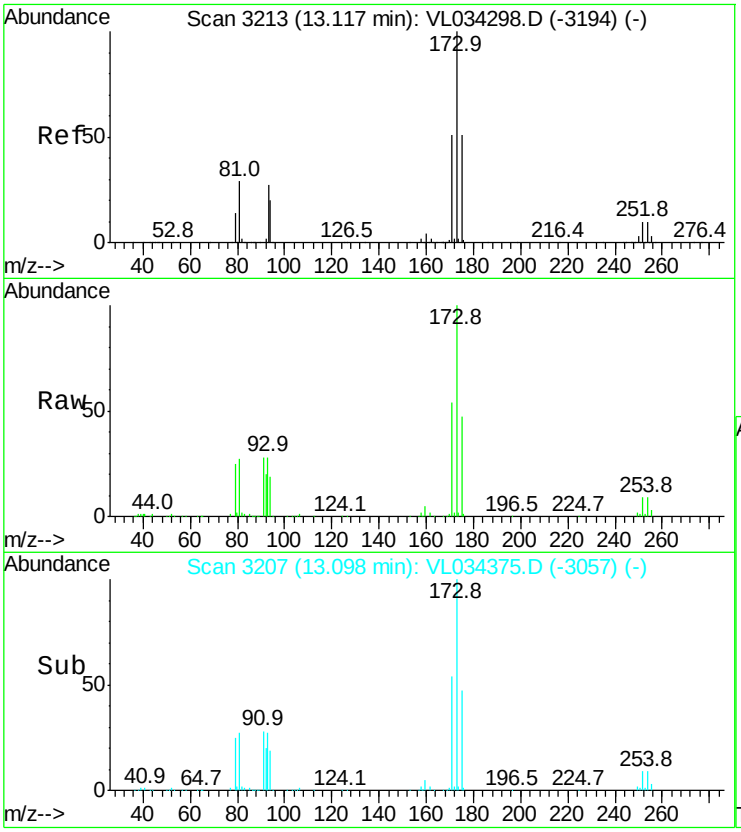


#48
Dibromochloromethane
Concen: 2.316 ppbv
RT: 10.35 min Scan# 2352
Delta R.T. -0.02 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Tgt Ion:129 Resp: 354106

Ion	Ratio	Lower	Upper
129	100		
127	80.6	39.7	119.1



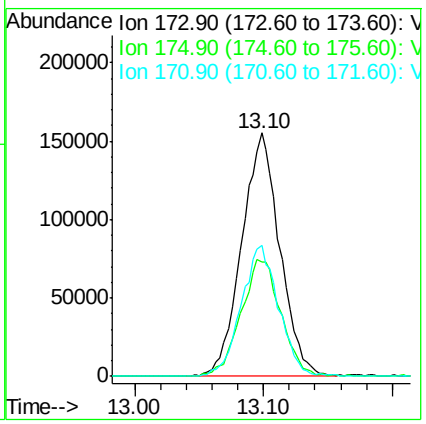


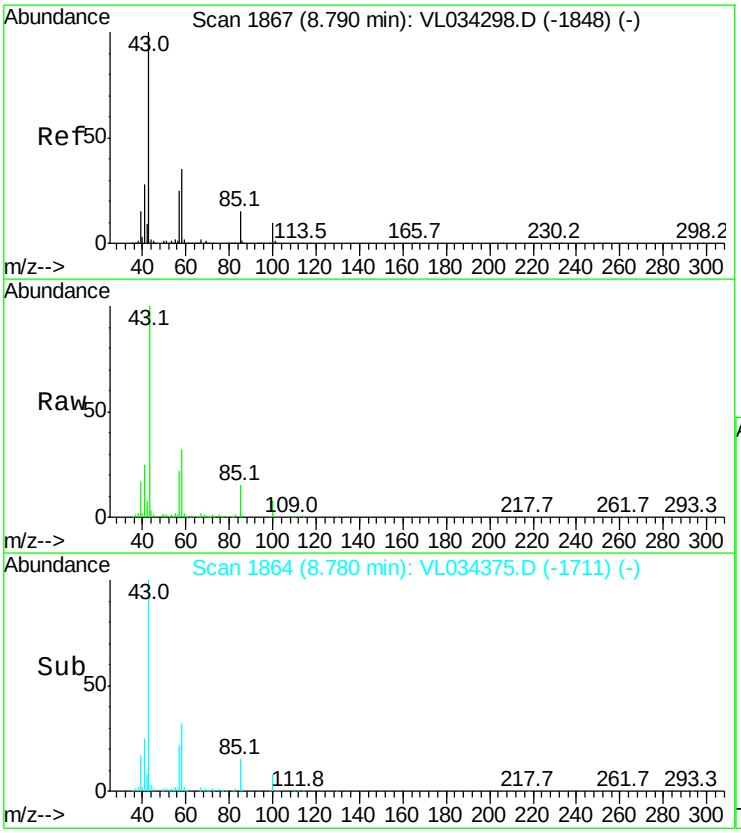
#49
Bromoform
Concen: 2.360 ppbv
RT: 13.10 min Scan# 3207
Delta R.T. -0.02 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:173 Resp: 319786

Ion	Ratio	Lower	Upper
173	100		
175	50.3	39.8	59.6
171	52.7	41.8	62.6

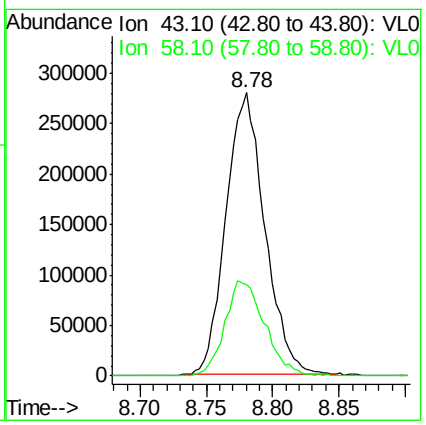


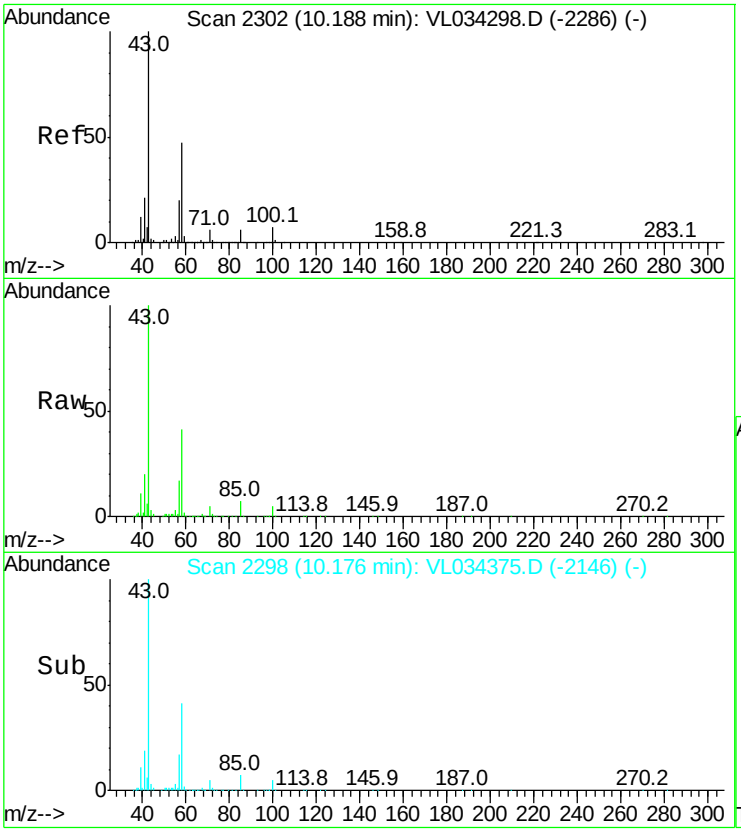


#50
4-Methyl-2-Pentanone
Concen: 2.181 ppbv
RT: 8.78 min Scan# 1864
Delta R.T. -0.01 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Tgt Ion: 43 Resp: 568286

Ion	Ratio	Lower	Upper
43	100		
58	34.8	27.6	41.4



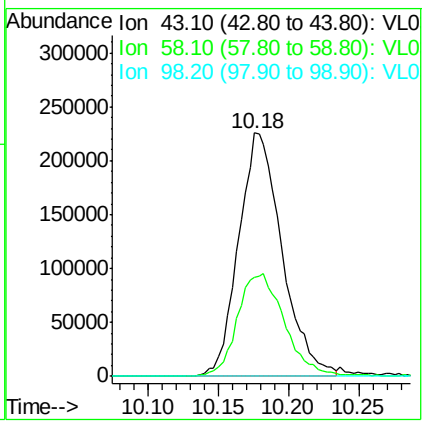


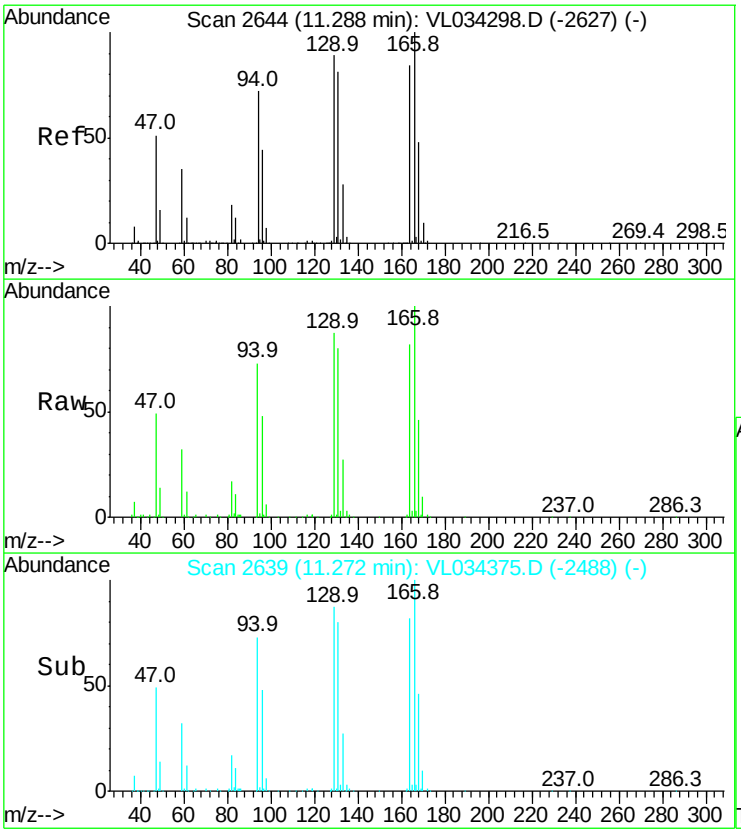
#51
2-Hexanone
Concen: 2.271 ppbv
RT: 10.18 min Scan# 2298
Delta R.T. -0.01 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 485134

Ion	Ratio	Lower	Upper
43	100		
58	46.3	37.0	55.6
98	0.3	0.2	0.2#

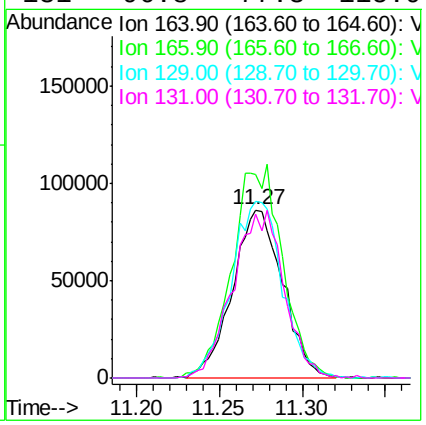


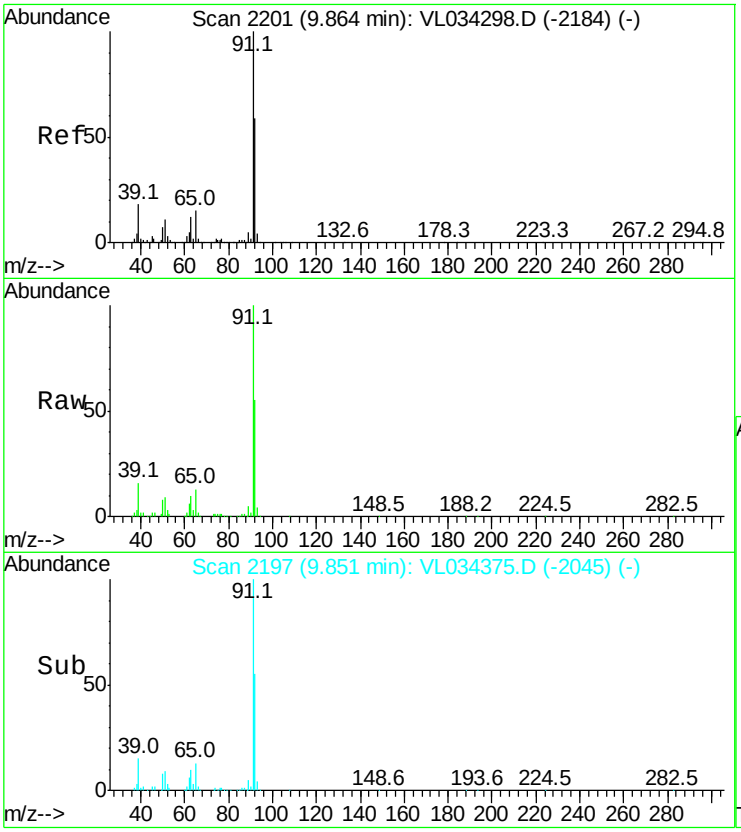


#52
Tetrachloroethene
Concen: 2.176 ppbv
RT: 11.27 min Scan# 2639
Delta R.T. -0.02 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Tgt Ion:164 Resp: 182242

Ion	Ratio	Lower	Upper
164	100		
166	120.6	95.3	142.9
129	105.2	84.5	126.7
131	96.8	77.3	115.9



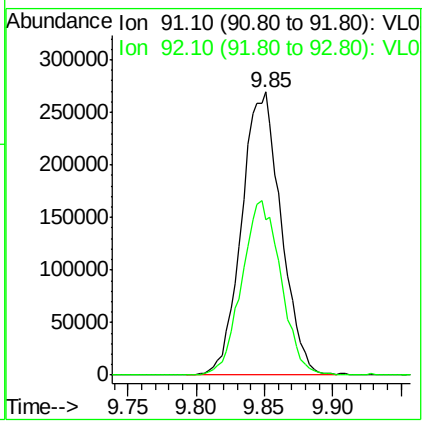


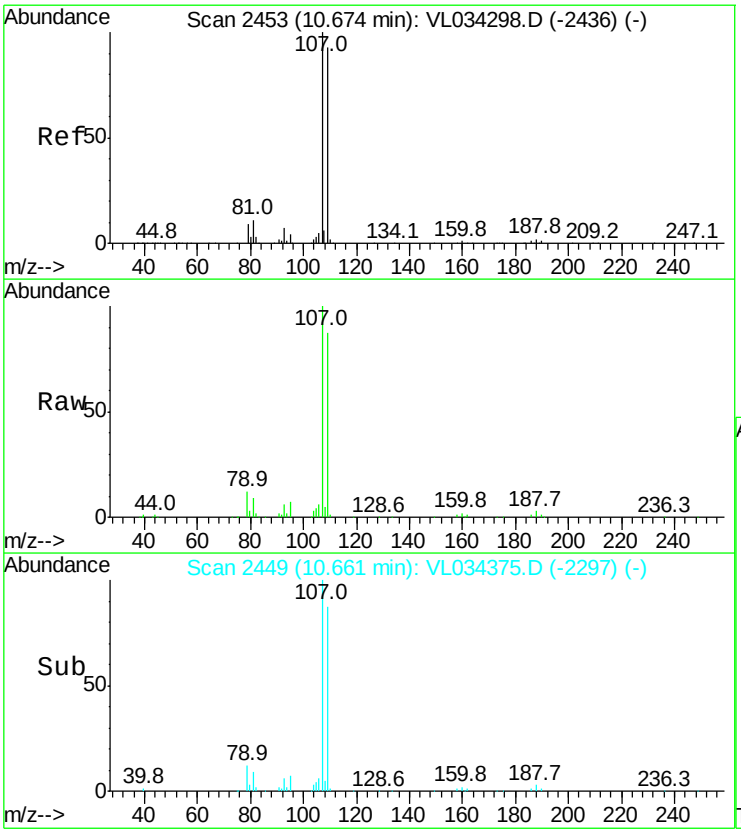
#53
Toluene
Concen: 2.291 ppbv
RT: 9.85 min Scan# 2197
Delta R.T. -0.01 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 91 Resp: 540229

Ion	Ratio	Lower	Upper
91	100		
92	61.0	48.4	72.6

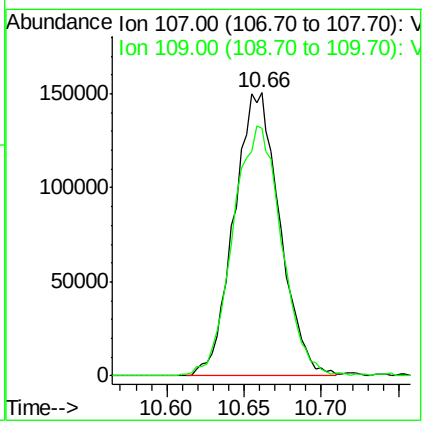


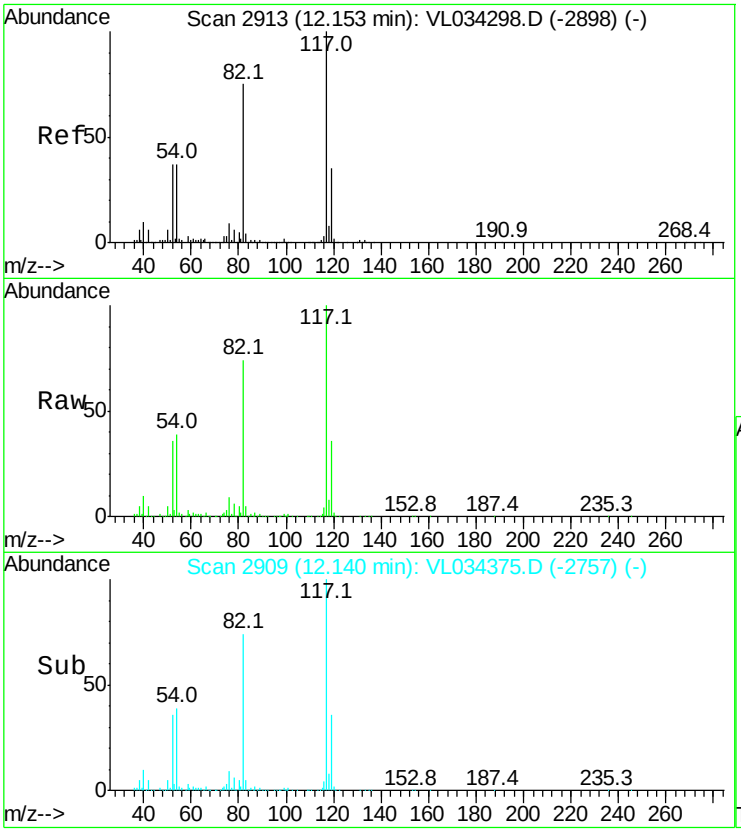


#54
1,2-Dibromoethane
Concen: 2.225 ppbv
RT: 10.66 min Scan# 2449
Delta R.T. -0.01 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Tgt Ion:107 Resp: 307387

Ion	Ratio	Lower	Upper
107	100		
109	86.9	74.6	112.0



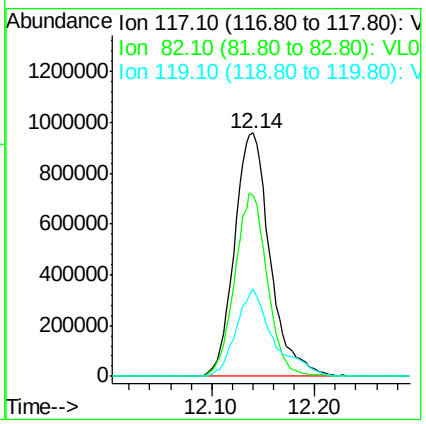


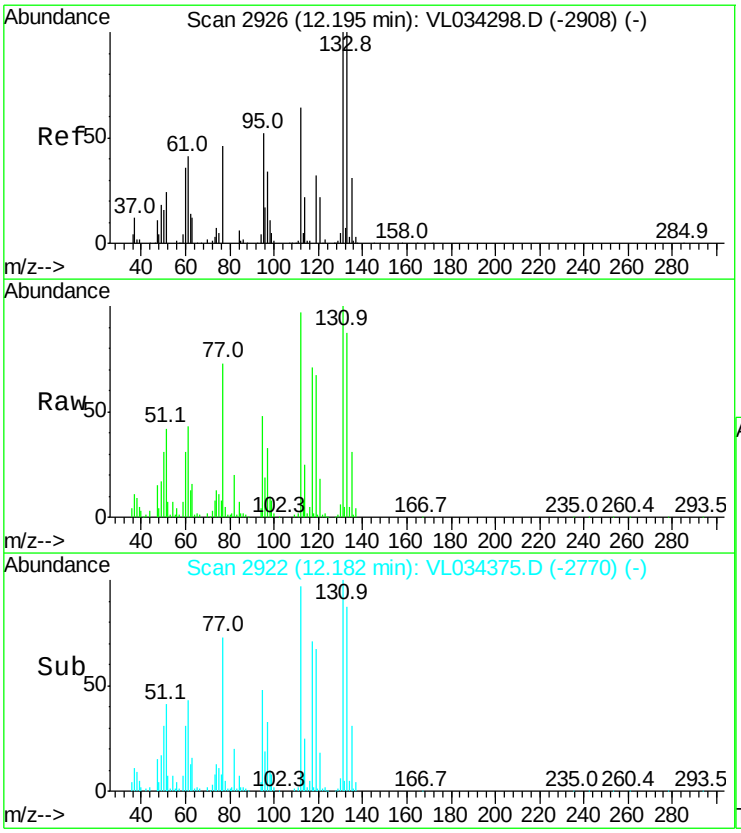
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.14 min Scan# 2909
Delta R.T. -0.01 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:117 Resp: 2298500

Ion	Ratio	Lower	Upper
117	100		
82	68.8	55.5	83.3
119	37.3	26.5	39.7

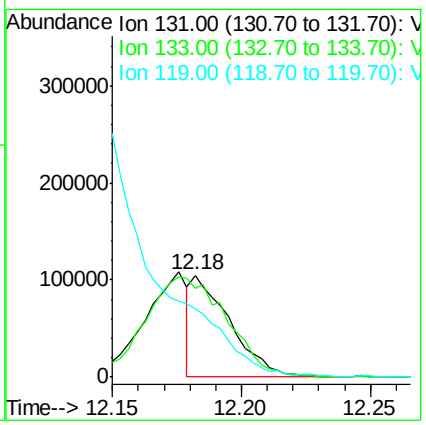


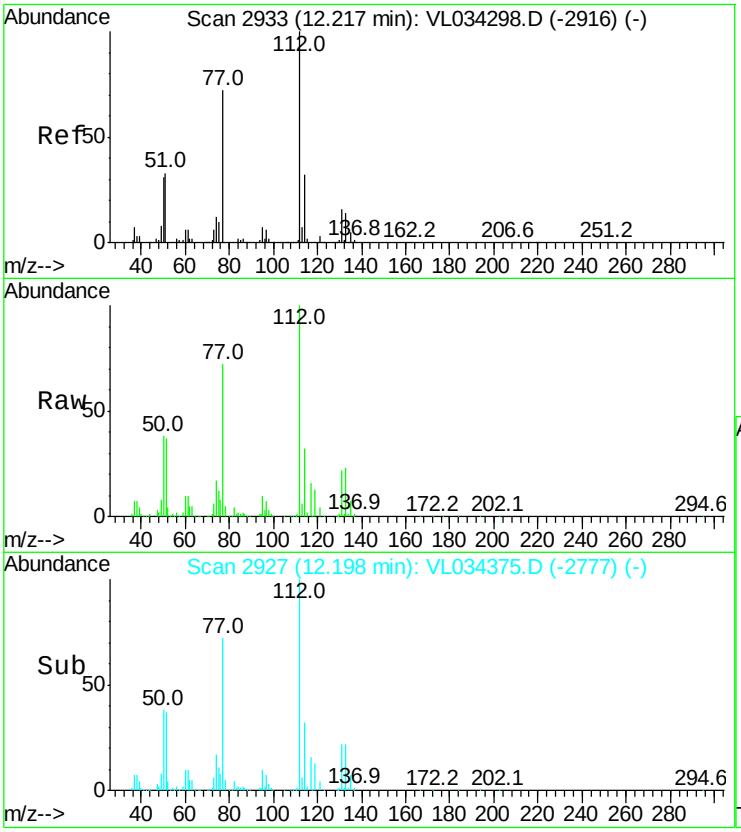


#56
1,1,1,2-Tetrachloroethane
Concen: 1.020 ppbv
RT: 12.18 min Scan# 2922
Delta R.T. -0.01 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Tgt Ion:131 Resp: 108010

Ion	Ratio	Lower	Upper
131	100		
133	0.0	77.1	115.7#
119	0.0	49.0	73.4#



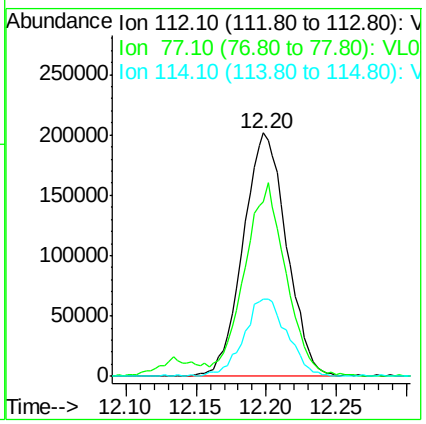


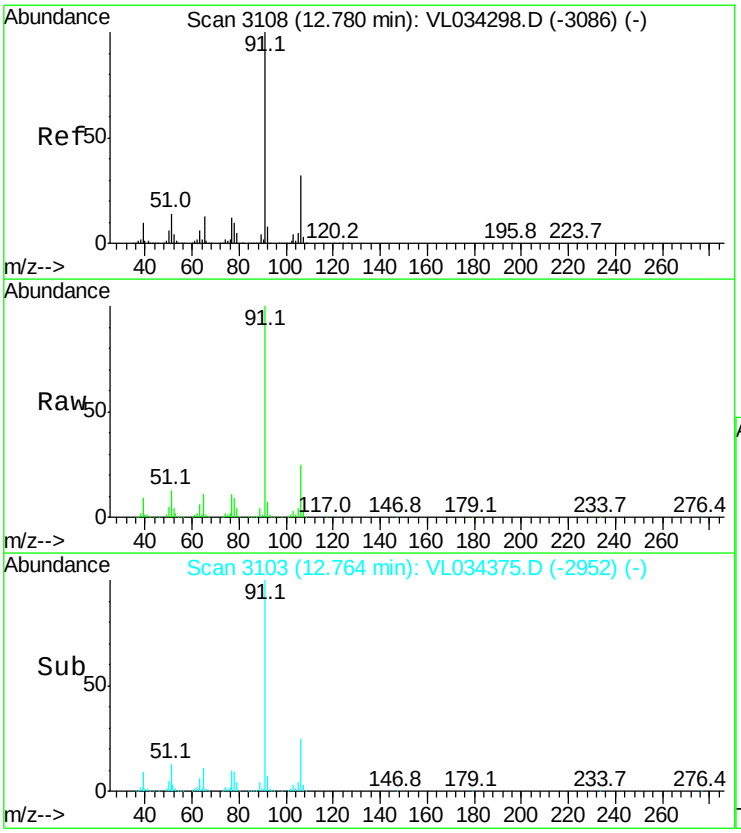
#57
Chlorobenzene
Concen: 2.266 ppbv
RT: 12.20 min Scan# 2927
Delta R.T. -0.02 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:112 Resp: 434528

Ion	Ratio	Lower	Upper
112	100		
77	70.6	58.6	88.0
114	31.6	28.6	35.0

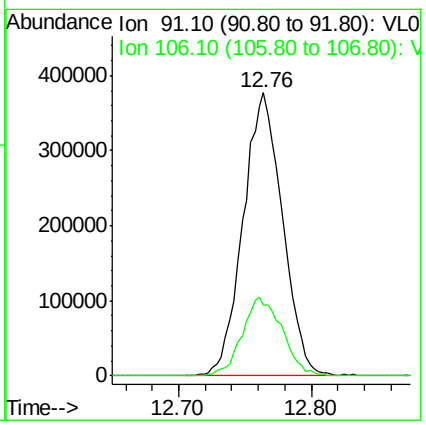


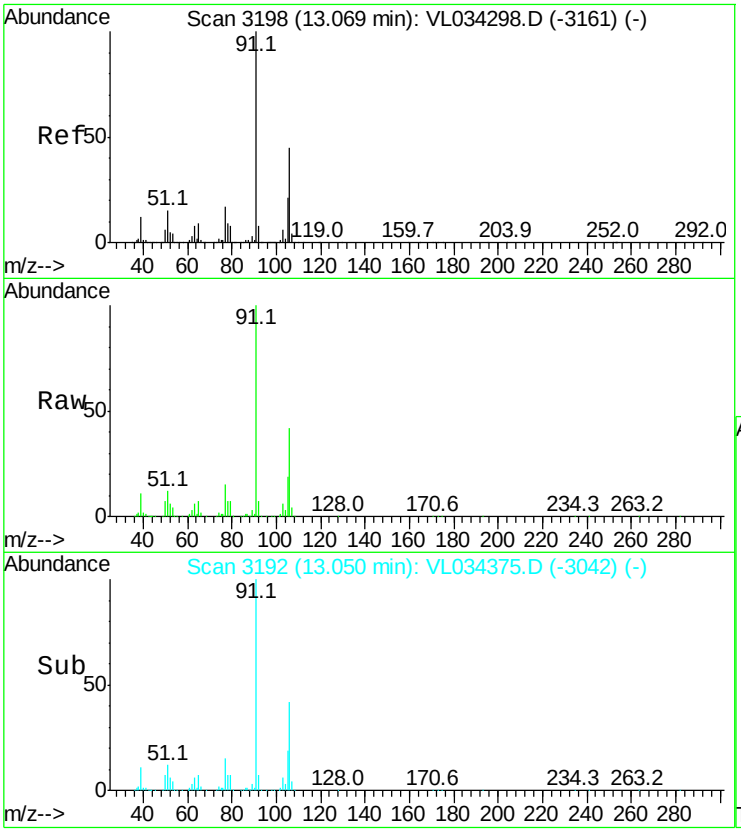


#58
Ethyl Benzene
Concen: 2.425 ppbv
RT: 12.76 min Scan# 3103
Delta R.T. -0.02 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Tgt Ion: 91 Resp: 779293

Ion	Ratio	Lower	Upper
91	100		
106	25.2	25.3	37.9#



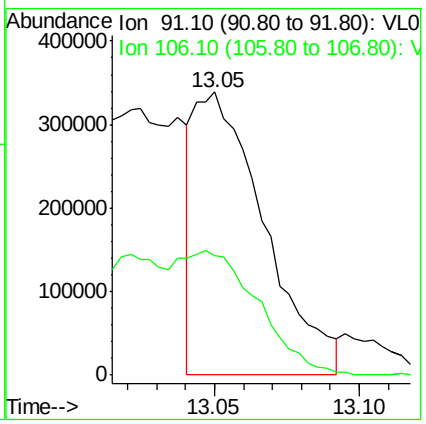


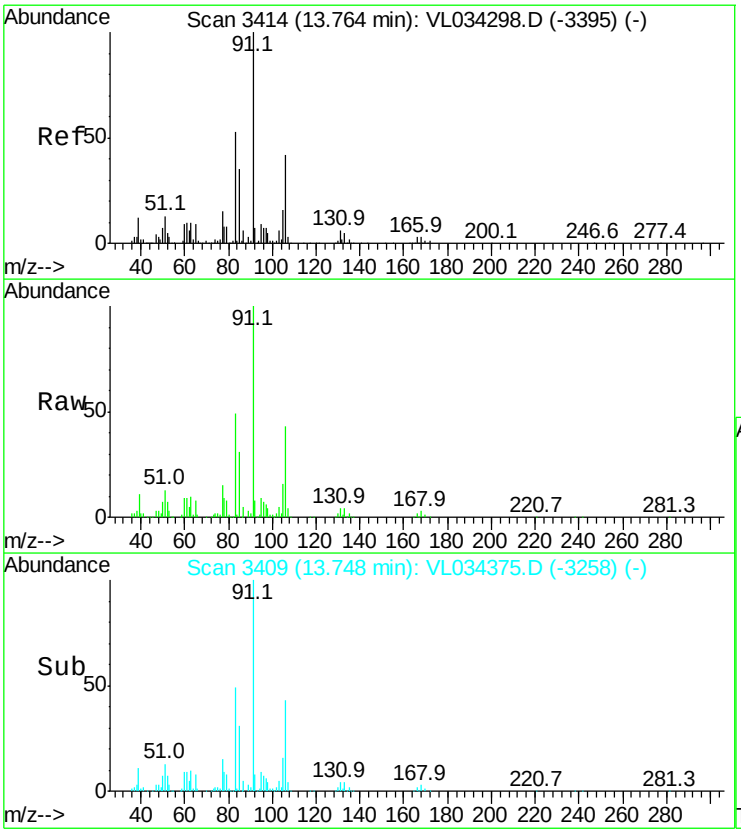
#59
m/p-Xylene
Concen: 2.024 ppbv
RT: 13.05 min Scan# 3192
Delta R.T. -0.02 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 563530

Ion	Ratio	Lower	Upper
91	100		
106	100.1	35.4	53.2#

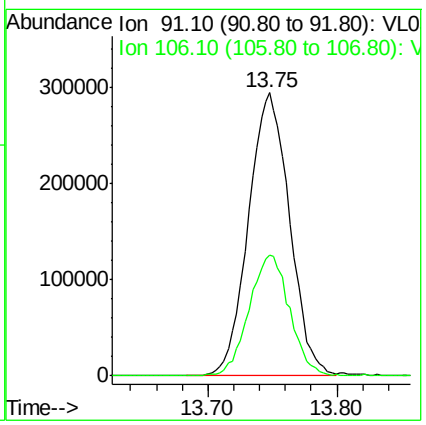


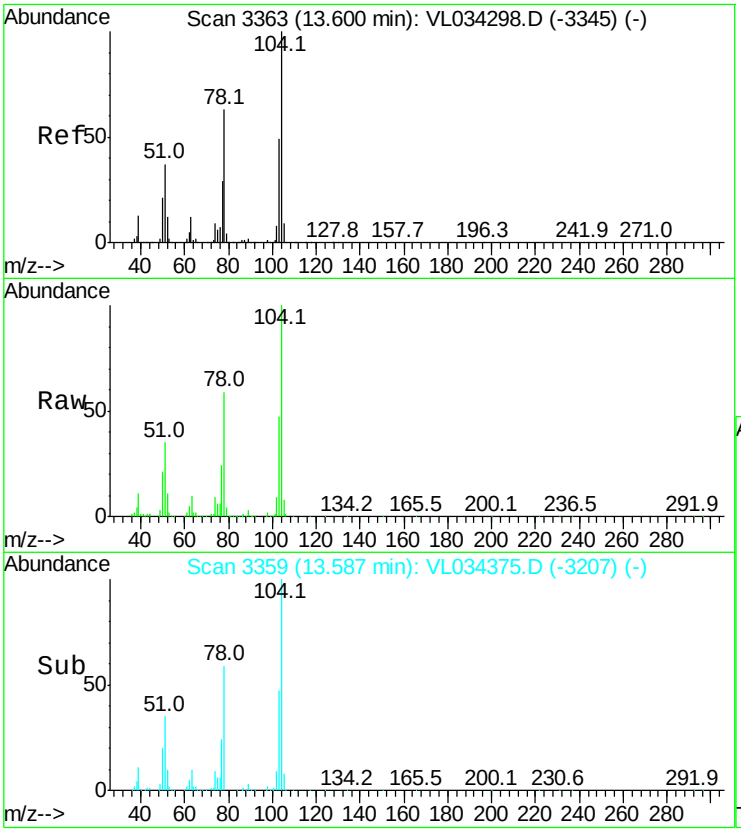


#60
o-Xylene
Concen: 2.353 ppbv
RT: 13.75 min Scan# 3409
Delta R.T. -0.02 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Tgt Ion: 91 Resp: 652303

Ion	Ratio	Lower	Upper
91	100		
106	42.5	21.6	64.6



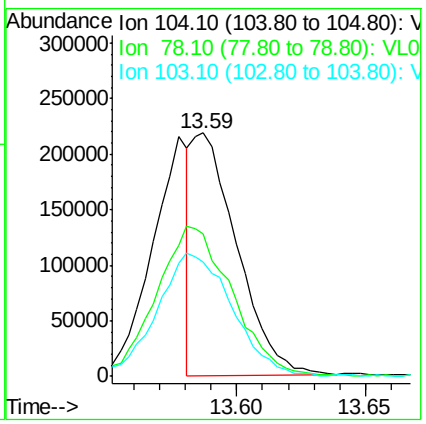


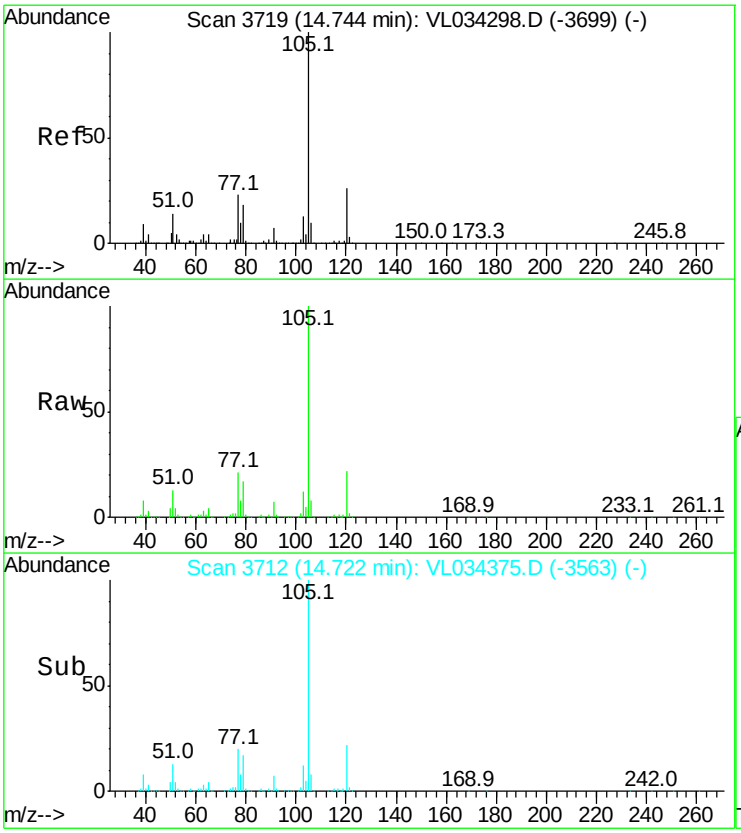
#61
Styrene
Concen: 1.334 ppbv
RT: 13.59 min Scan# 3359
Delta R.T. -0.01 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:104 Resp: 260346

Ion	Ratio	Lower	Upper
104	100		
78	0.0	47.8	71.8#
103	0.0	39.0	58.6#

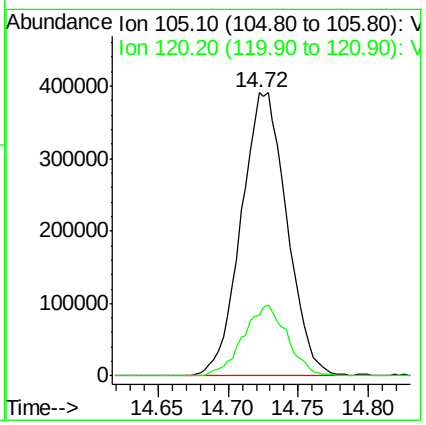


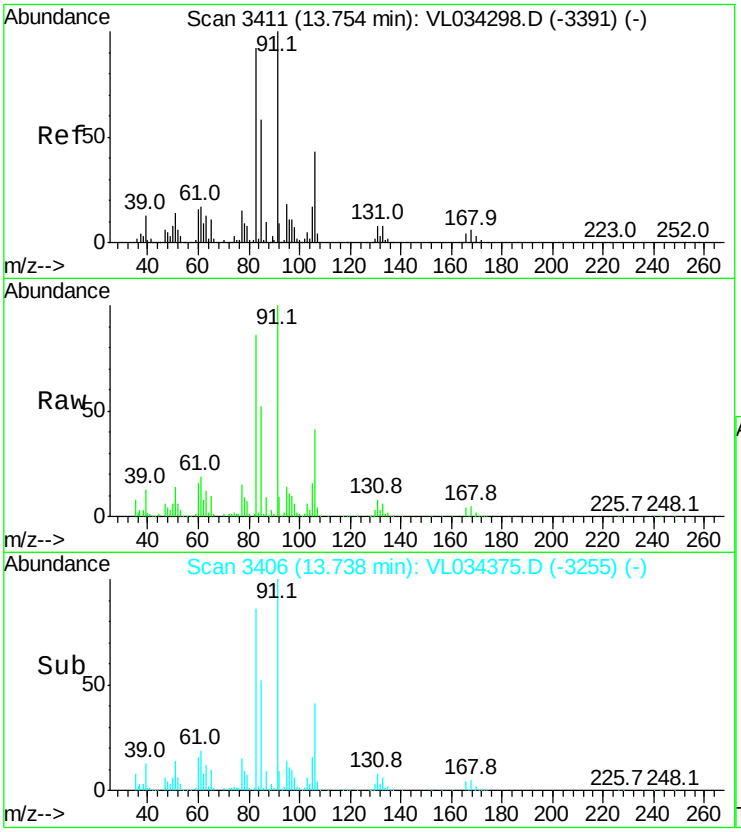


#62
Isopropylbenzene
Concen: 2.424 ppbv
RT: 14.72 min Scan# 3712
Delta R.T. -0.02 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Tgt Ion:105 Resp: 887106

Ion	Ratio	Lower	Upper
105	100		
120	24.3	20.8	31.2



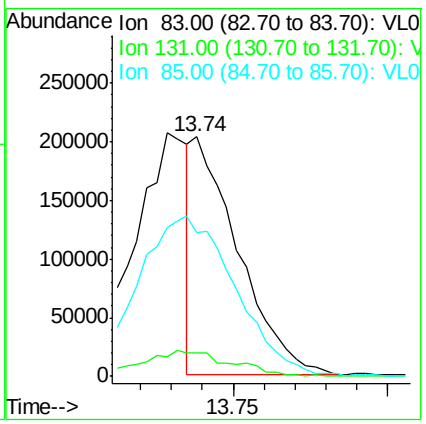


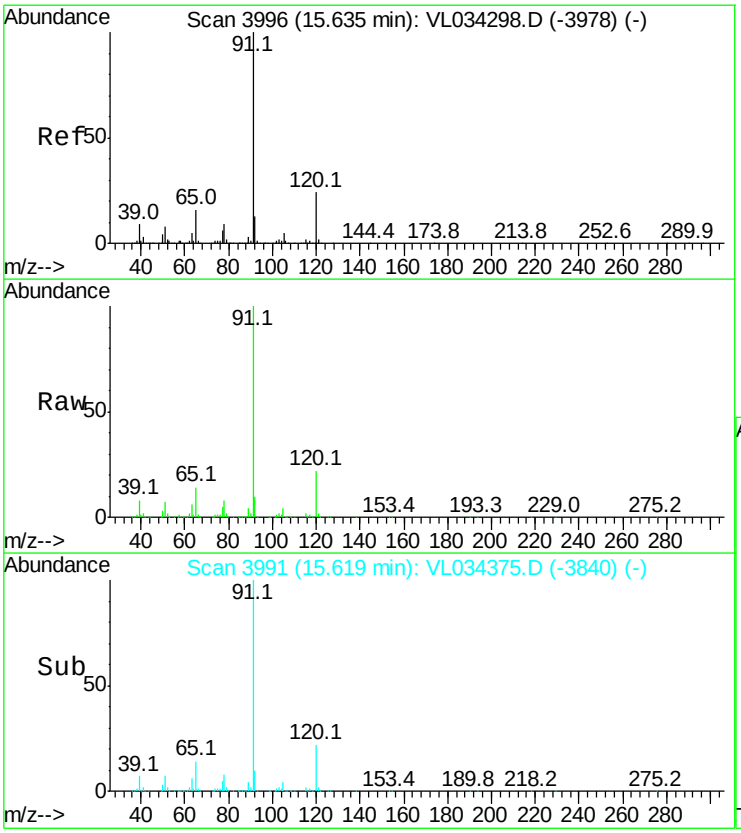
#63
1,1,2,2-Tetrachloroethane
Concen: 0.930 ppbv
RT: 13.74 min Scan# 3406
Delta R.T. -0.02 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 83 Resp: 207210

Ion	Ratio	Lower	Upper
83	100		
131	22.0	4.8	14.4#
85	148.5	32.5	97.4#

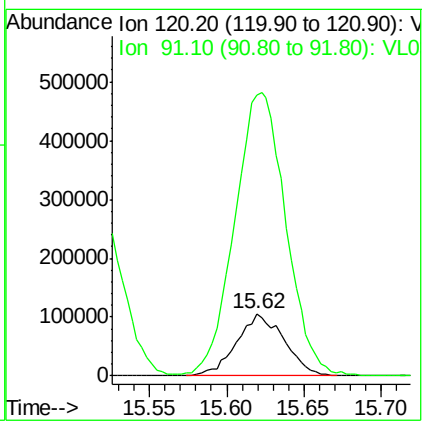


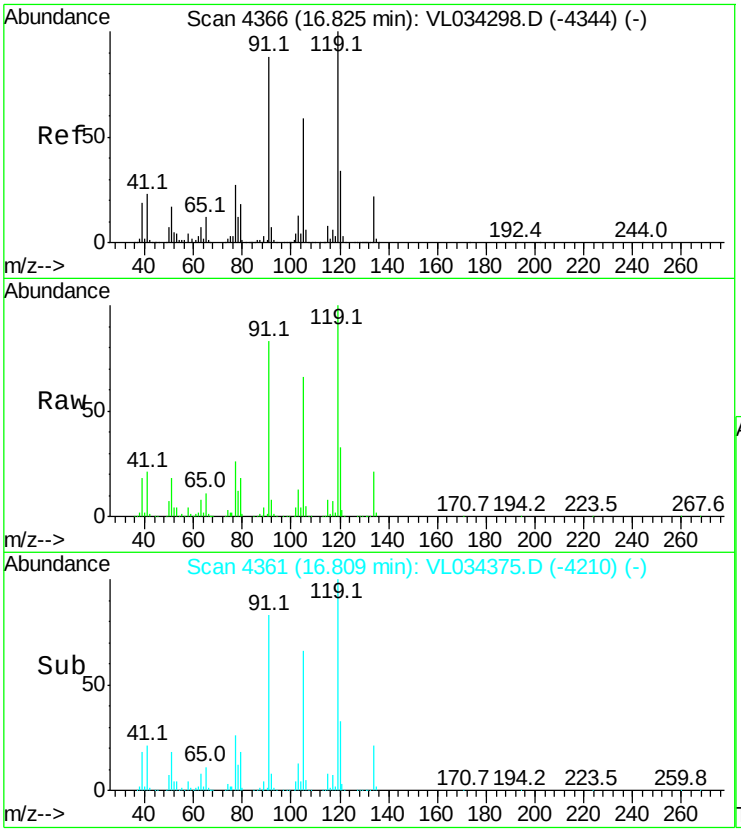


#64
n-propylbenzene
Concen: 2.398 ppbv
RT: 15.62 min Scan# 3991
Delta R.T. -0.02 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Tgt Ion:120 Resp: 225204

Ion	Ratio	Lower	Upper
120	100		
91	495.1	374.9	562.3



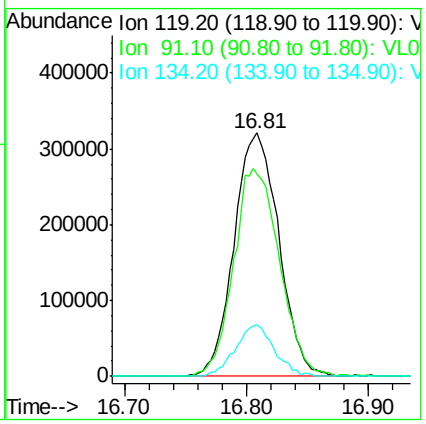


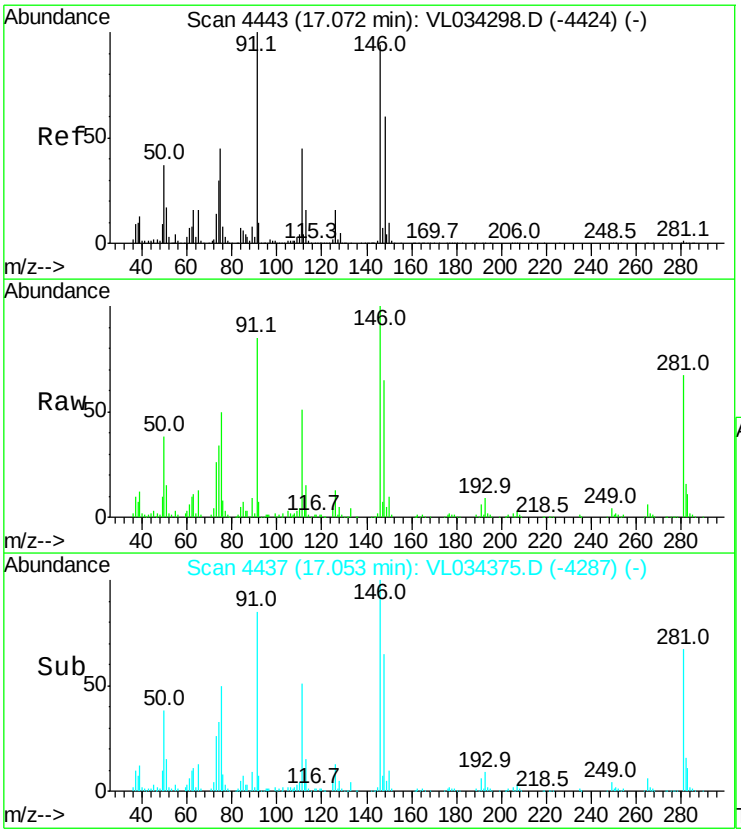
#65
tert-Butylbenzene
Concen: 2.512 ppbv
RT: 16.81 min Scan# 4361
Delta R.T. -0.02 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:119 Resp: 814815

Ion	Ratio	Lower	Upper
119	100		
91	87.9	71.4	107.0
134	18.5	15.9	23.9

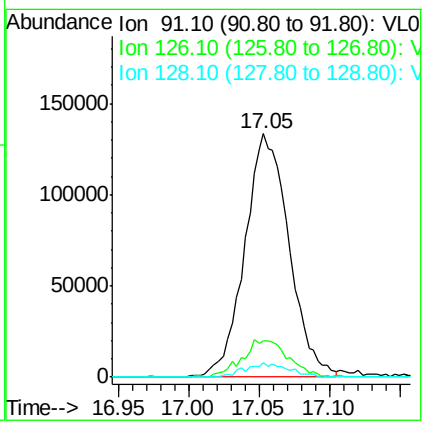


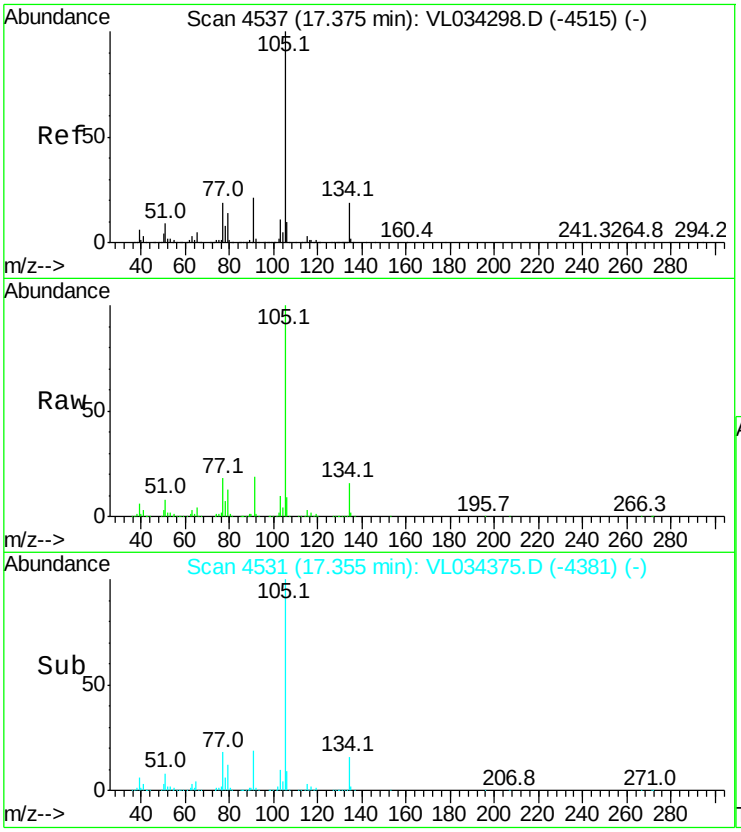


#66
Benzyl Chloride
Concen: 2.286 ppbv
RT: 17.05 min Scan# 4437
Delta R.T. -0.02 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Tgt Ion: 91 Resp: 292885

Ion	Ratio	Lower	Upper
91	100		
126	16.2	12.9	19.3
128	5.7	4.3	6.5



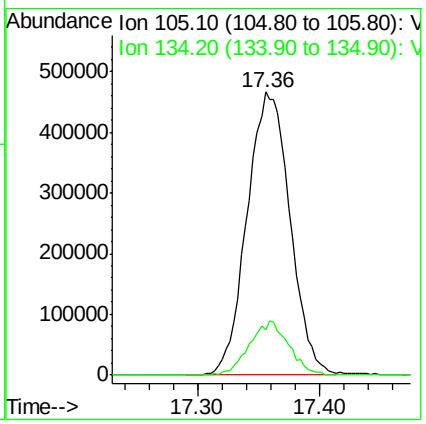


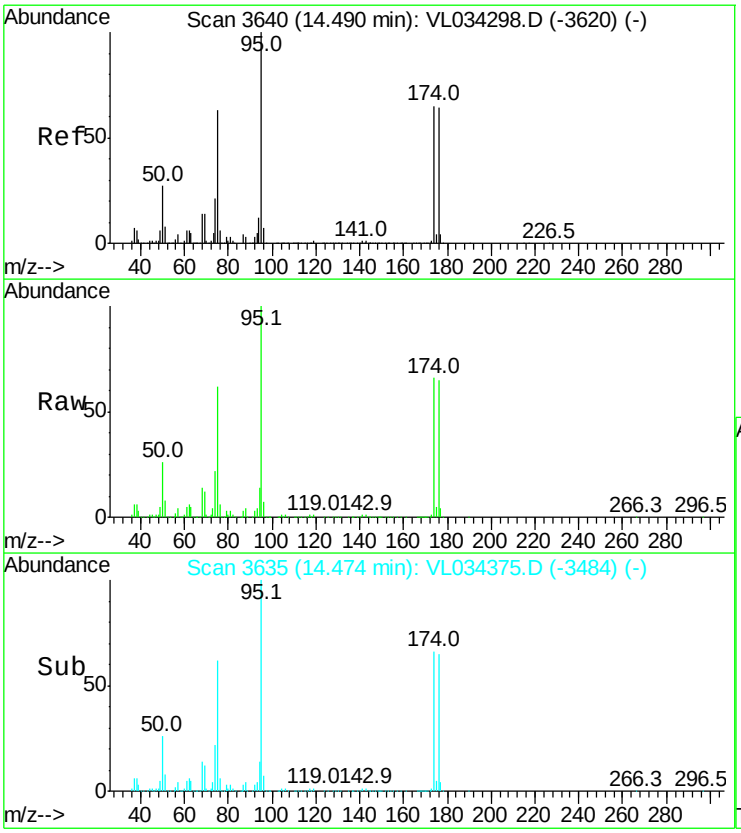
#67
sec-Butylbenzene
Concen: 2.488 ppbv
RT: 17.36 min Scan# 4531
Delta R.T. -0.02 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:105 Resp: 1135679

Ion	Ratio	Lower	Upper
105	100		
134	17.6	15.4	23.0

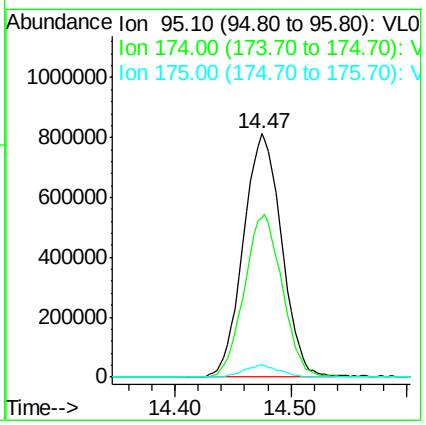


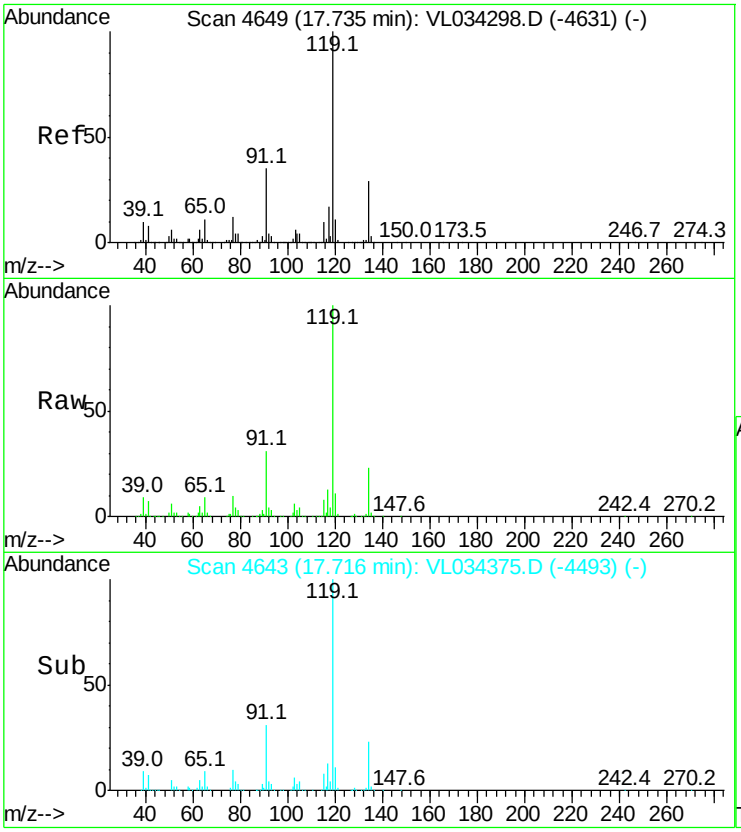


#68
1-Bromo-4-Fluorobenzene
Concen: 9.584 ppbv
RT: 14.47 min Scan# 3635
Delta R.T. -0.02 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Tgt Ion: 95 Resp: 1865794

Ion	Ratio	Lower	Upper
95	100		
174	66.2	52.6	78.8
175	4.7	3.8	5.6



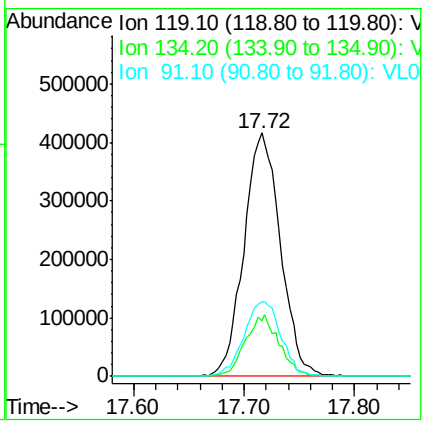


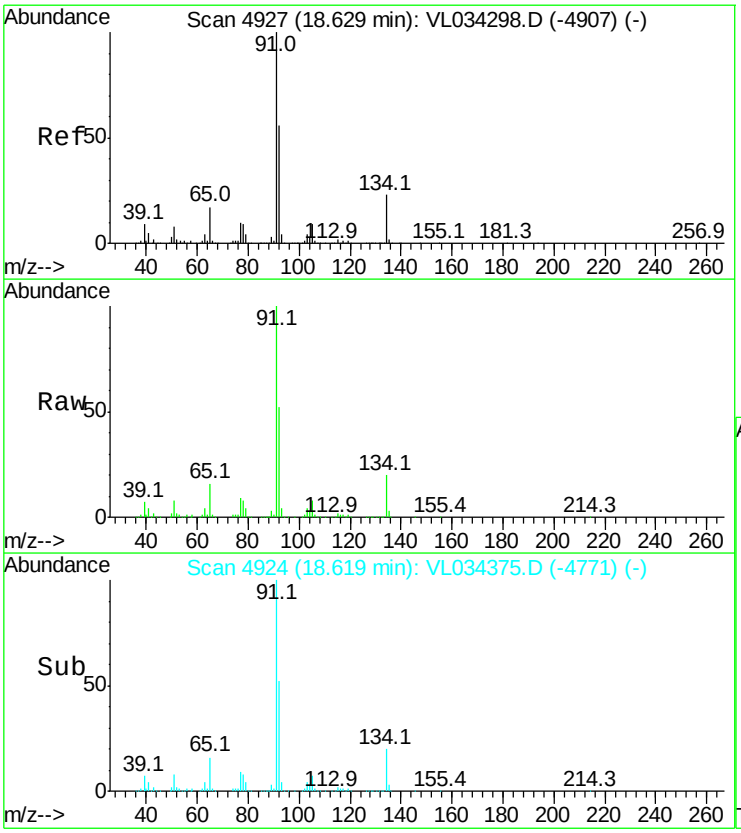
#69
p-Isopropyltoluene
Concen: 2.557 ppbv
RT: 17.72 min Scan# 4643
Delta R.T. -0.02 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:119 Resp: 951545

Ion	Ratio	Lower	Upper
119	100		
134	23.6	21.3	31.9
91	31.6	26.6	39.8

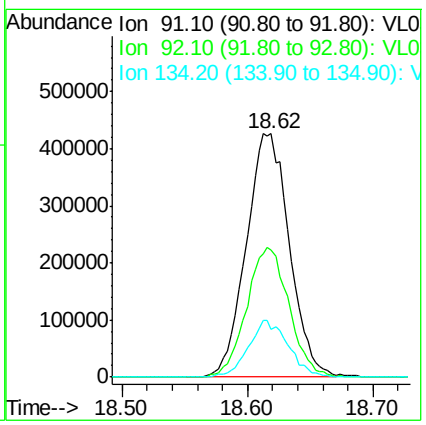


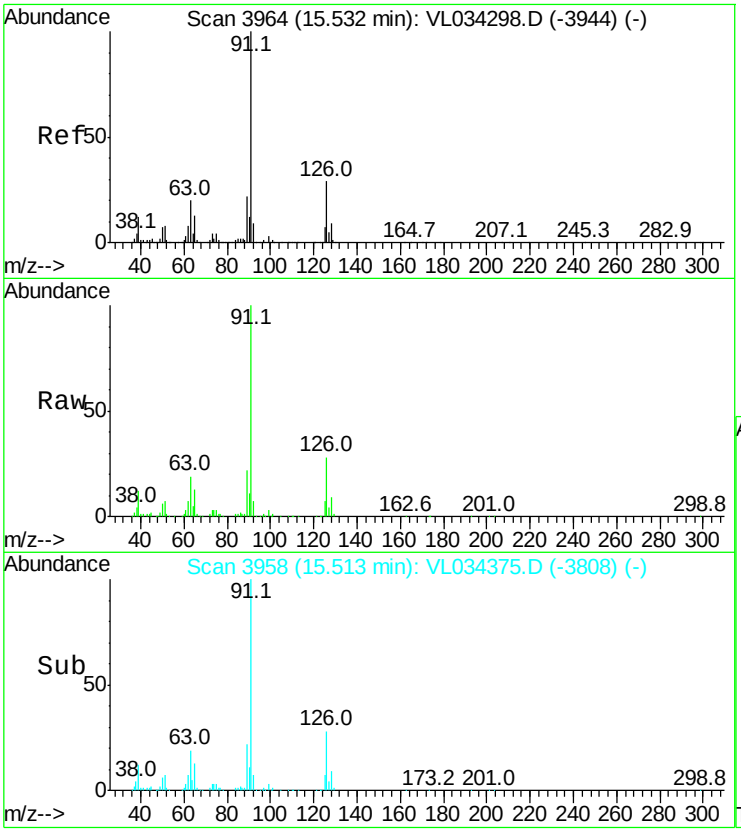


#70
n-Butylbenzene
Concen: 2.520 ppbv
RT: 18.62 min Scan# 4924
Delta R.T. -0.01 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Tgt Ion: 91 Resp: 1020057

Ion	Ratio	Lower	Upper
91	100		
92	52.3	44.5	66.7
134	21.6	18.2	27.2



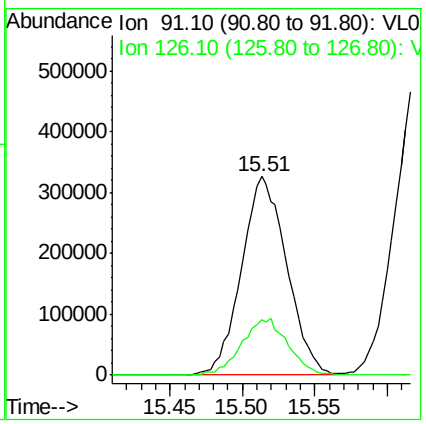


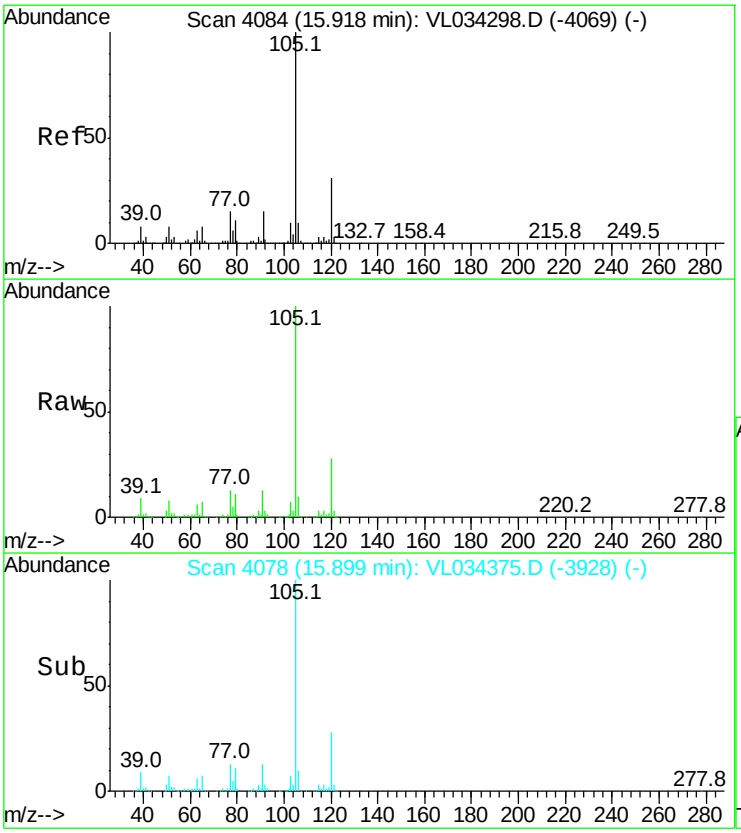
#71
2-Chlorotoluene
Concen: 2.490 ppbv
RT: 15.51 min Scan# 3958
Delta R.T. -0.02 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 91 Resp: 706616

Ion	Ratio	Lower	Upper
91	100		
126	29.1	11.9	47.5

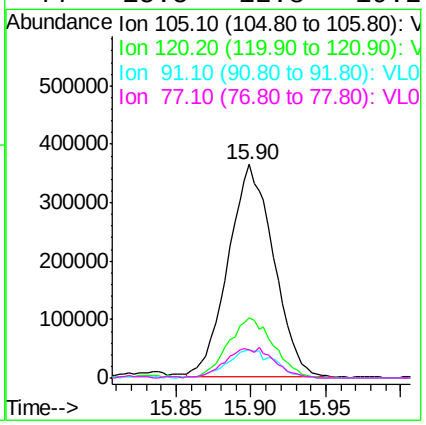


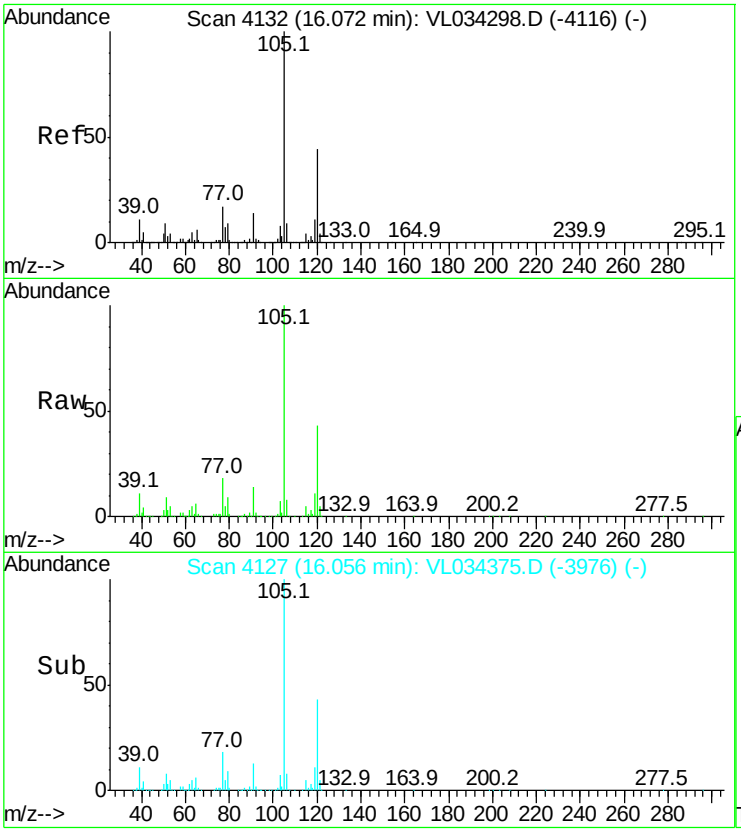


#72
4-Ethyltoluene
Concen: 2.464 ppbv
RT: 15.90 min Scan# 4078
Delta R.T. -0.02 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Tgt Ion:105 Resp: 767776

Ion	Ratio	Lower	Upper
105	100		
120	28.6	23.8	35.8
91	14.8	11.2	16.8
77	15.5	12.8	19.2



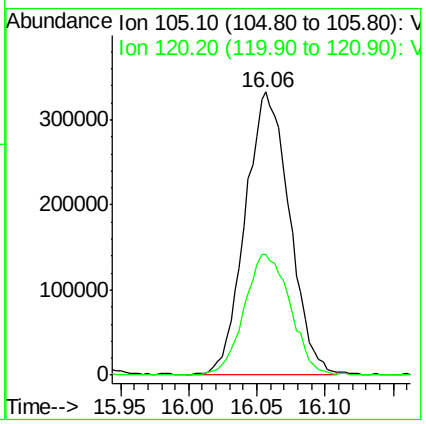


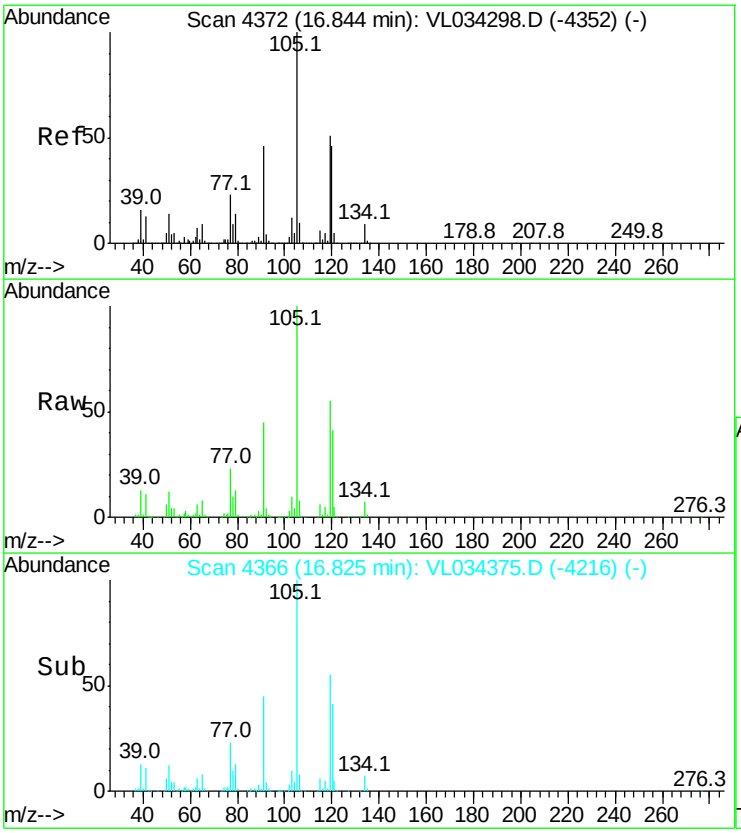
#73
1,3,5-Trimethylbenzene
Concen: 2.422 ppbv
RT: 16.06 min Scan# 4127
Delta R.T. -0.02 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:105 Resp: 747744

Ion	Ratio	Lower	Upper
105	100		
120	42.8	35.2	52.8

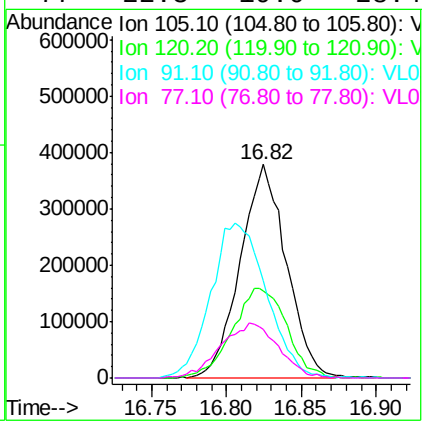


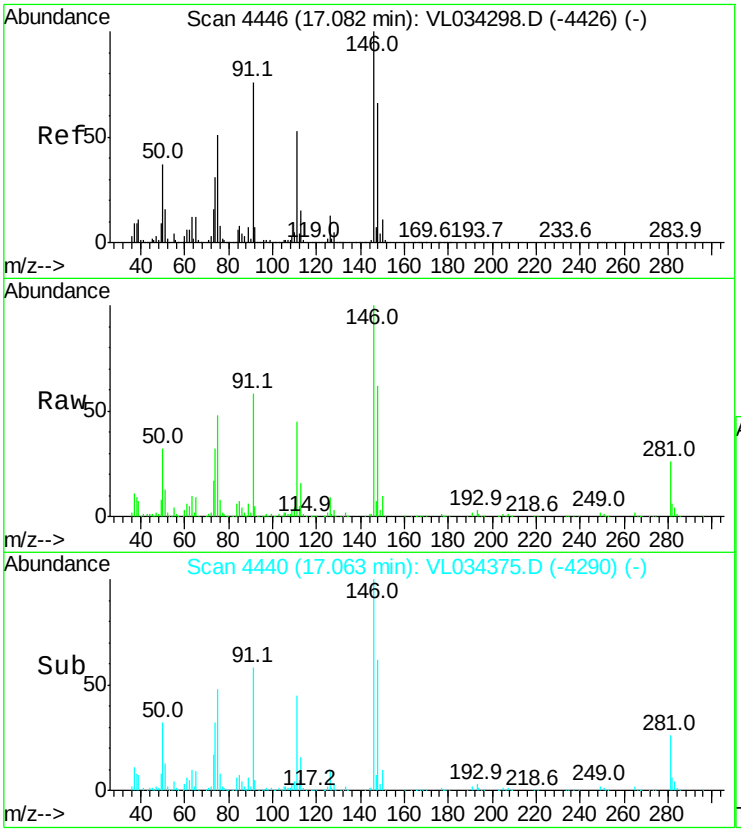


#74
1,2,4-Trimethylbenzene
Concen: 2.506 ppbv
RT: 16.82 min Scan# 4366
Delta R.T. -0.02 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Tgt Ion:105 Resp: 806910

Ion	Ratio	Lower	Upper
105	100		
120	40.0	37.0	55.6
91	45.3	38.2	57.2
77	22.3	19.0	28.4



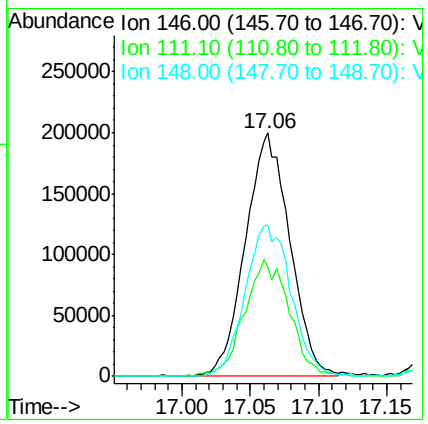


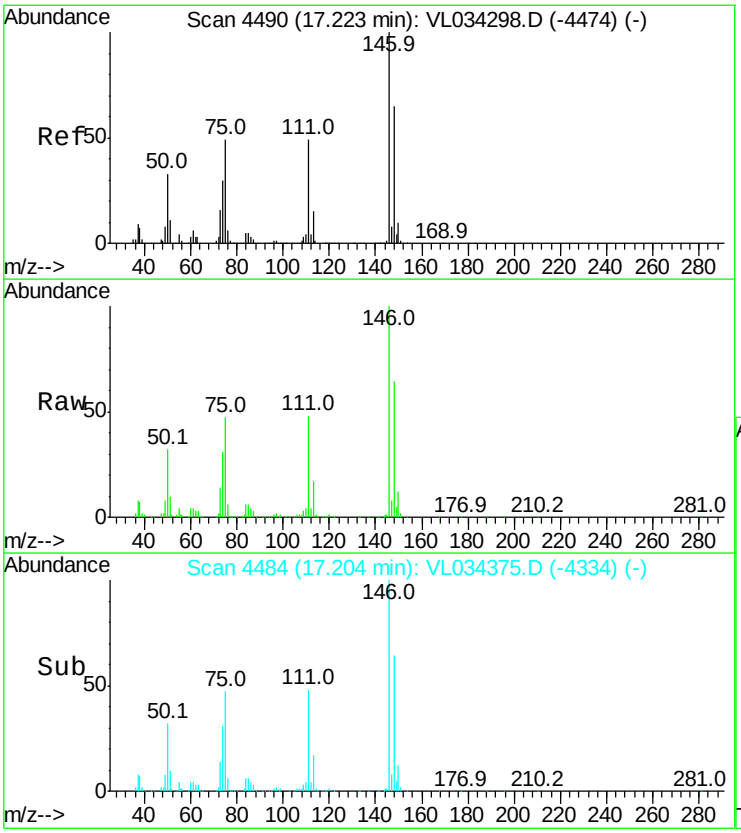
#75
1,3-Dichlorobenzene
Concen: 2.335 ppbv
RT: 17.06 min Scan# 4440
Delta R.T. -0.02 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:146 Resp: 451377

Ion	Ratio	Lower	Upper
146	100		
111	48.5	24.5	73.5
148	64.5	32.3	96.8

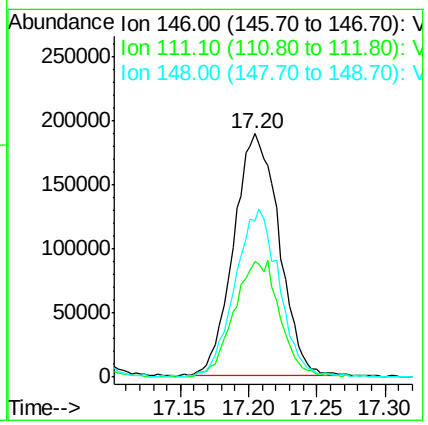


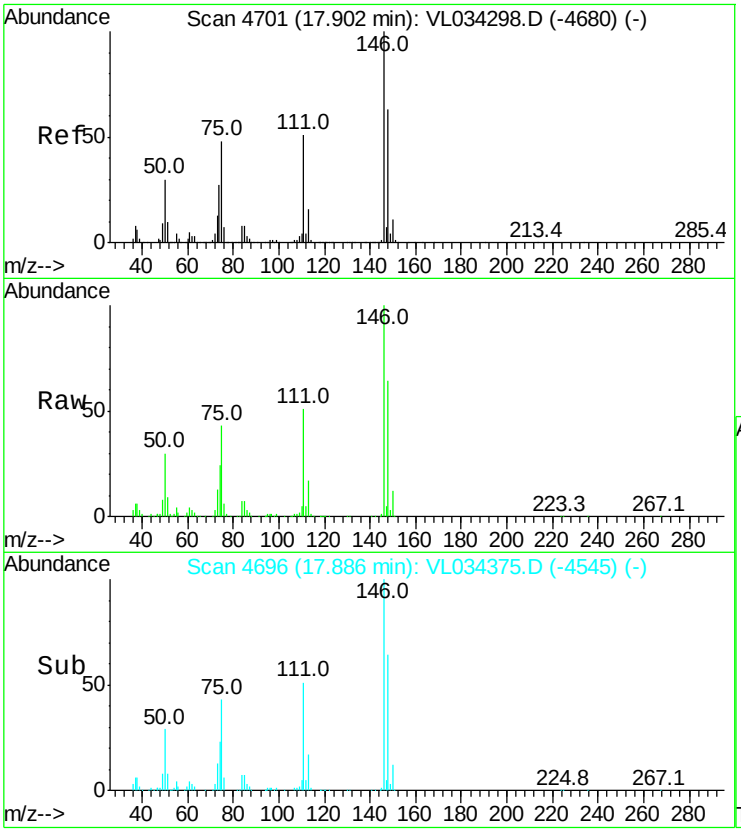


#76
1,4-Dichlorobenzene
Concen: 2.313 ppbv
RT: 17.20 min Scan# 4484
Delta R.T. -0.02 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Tgt Ion:146 Resp: 436822

Ion	Ratio	Lower	Upper
146	100		
111	49.0	23.9	71.7
148	67.6	33.1	99.2



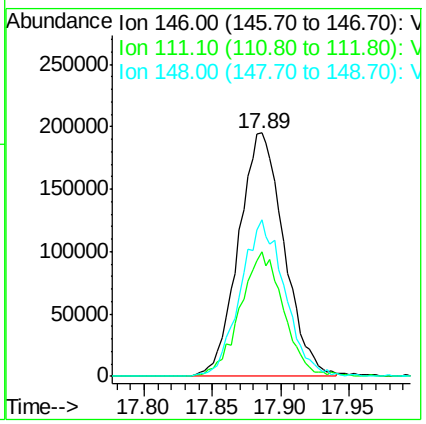


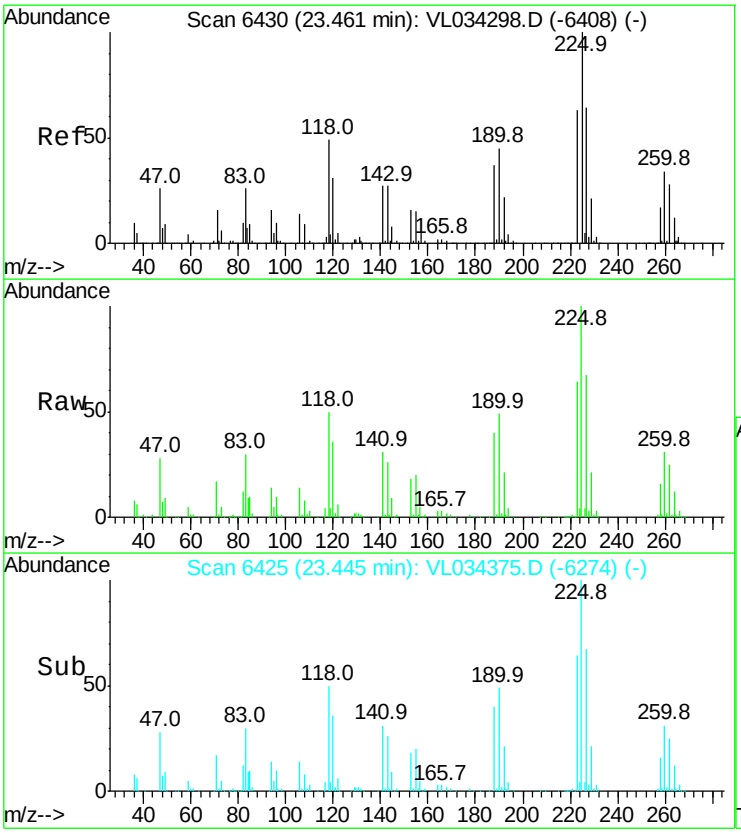
#77
1,2-Dichlorobenzene
Concen: 2.380 ppbv
RT: 17.89 min Scan# 4696
Delta R.T. -0.02 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:146 Resp: 451083

Ion	Ratio	Lower	Upper
146	100		
111	49.1	25.1	75.3
148	63.0	32.3	96.8

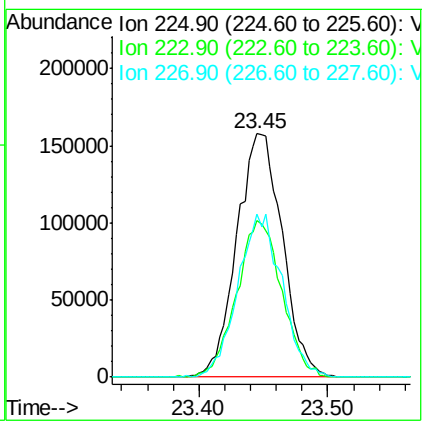


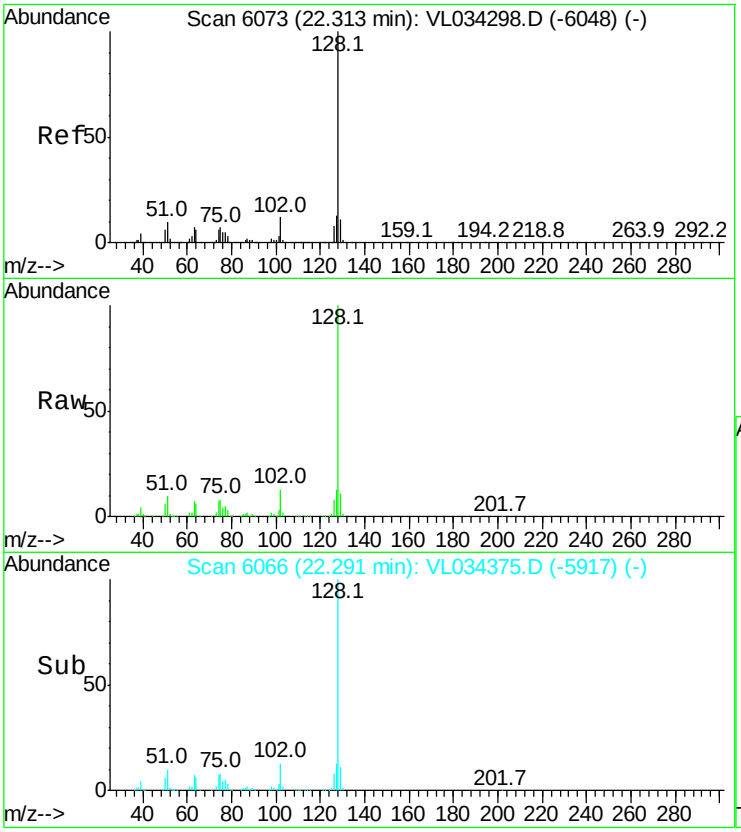


#78
Hexachloro-1,3-Butadiene
Concen: 2.476 ppbv
RT: 23.45 min Scan# 6425
Delta R.T. -0.02 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Tgt Ion:225 Resp: 388220

Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.8	76.2
227	64.9	51.5	77.3



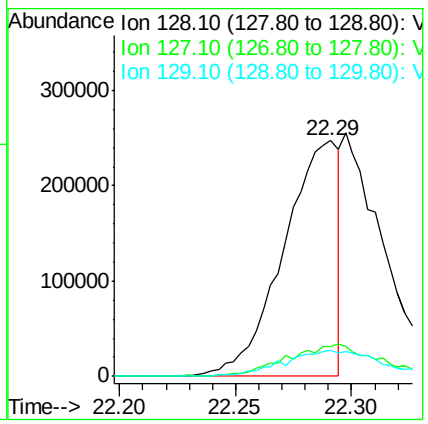


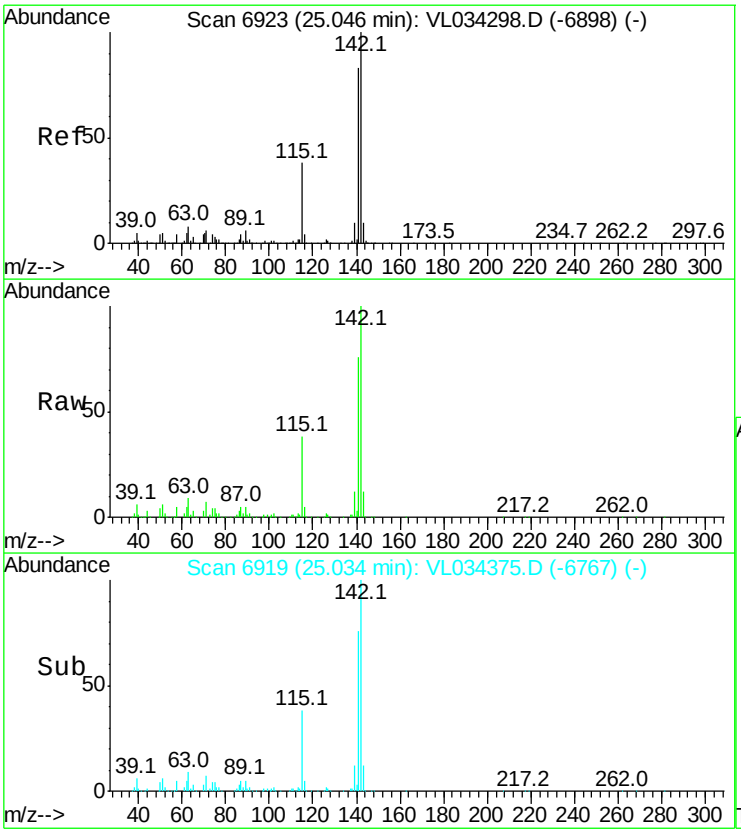
#79
Naphthalene
Concen: 1.737 ppbv
RT: 22.29 min Scan# 6066
Delta R.T. -0.02 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:128 Resp: 408488

Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.2	15.4
129	10.9	8.9	13.3

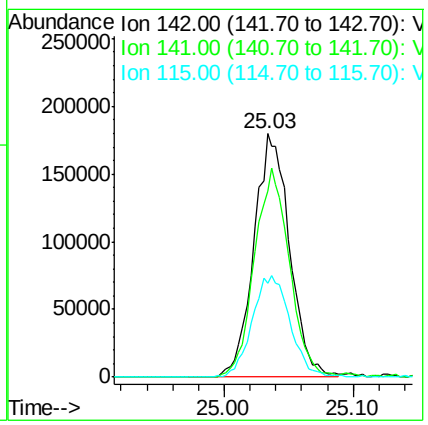


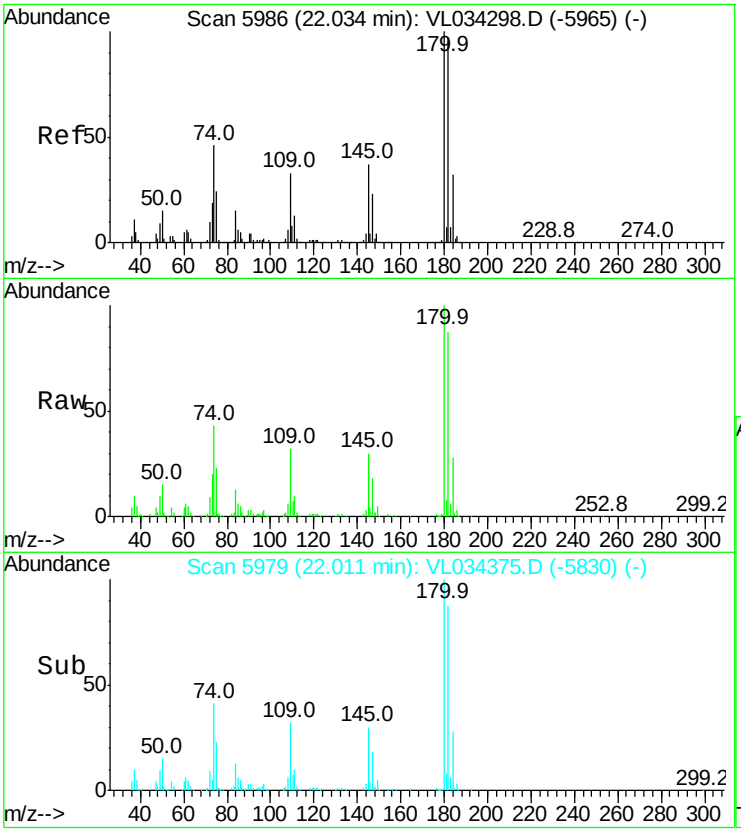


#80
Naphthalene,2-methyl-
Concen: 5.071 ppbv
RT: 25.03 min Scan# 6919
Delta R.T. -0.01 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Tgt Ion:142 Resp: 344766

Ion	Ratio	Lower	Upper
142	100		
141	85.6	65.7	98.5
115	44.9	30.9	46.3





#81
1,2,4-Trichlorobenzene
Concen: 1.656 ppbv
RT: 22.01 min Scan# 5979
Delta R.T. -0.02 min
Lab File: VL034375.D
Acq: 19 Nov 2019 10:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:180 Resp: 254410

Ion	Ratio	Lower	Upper
180	100		
182	166.1	77.8	116.8#
184	0.0	25.4	38.2#