Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022520\

Quantitation Report (Not Reviewed)

Data File : VL034668.D
Acq On : 25 Feb 2020 11:58
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Feb 25 12:27:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022520AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb 25 12:01:27 2020
QLast Update : Tue Feb 25 12:01:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1183475	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2422560	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2530057	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	2034752	9.52	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.01	85	332568	1.276	ppbv	92
3) Chlorodifluoromethane	2.95	51	307930	2.153	ppbv	96
4) Chloromethane	3.10	50	187732	2.146	ppbv	99
5) Vinyl Chloride	3.22	62	172633	2.066	ppbv	100
6) Bromomethane	3.44	94	41032	0.944	ppbv	91
7) Chloroethane	3.52	64	63076	2.030	ppbv	98
8) Dichlorotetrafluoroethane	3.15	85	398427	1.955	ppbv	100
9) Propene	2.97	41	124180	2.230	ppbv	99
10) Heptane	8.13	43	330650	2.360	ppbv	100
11) Trichlorofluoromethane	3.92	101	399374	1.687	ppbv	95
12) 1,1,2-Trichlorotrifluoroet	4.47	101	262755	1.701	ppbv	96
13) Ethanol	3.58	45	38720	2.596	ppbv	87
14) Bromoethene	3.71	108	119247	1.968	ppbv	99
15) Acetone	3.82	43	362396	2.084	ppbv	96
16) 1,3-Butadiene	3.29	39	147988	2.143	ppbv	96
17) tert-Butyl alcohol	4.27	59	255209	1.995	ppbv	100
18) 1,1-Dichloroethene	4.26	96	127215	1.951	ppbv	77
19) Isopropyl Alcohol	3.95	45	239166	2.356	ppbv #	97
20) Methylene Chloride	4.32	84	129333	1.953	ppbv	92
21) Allyl Chloride	4.39	41	208989	1.935	ppbv	98
22) trans-1,2-Dichloroethene	4.87	96	124027	1.816	ppbv	93
23) Vinyl Acetate	5.06	43	423622	2.135	ppbv	98
24) 1,1-Dichloroethane	5.00	63	350550	2.116	ppbv	99
25) Ethyl Acetate	5.67	43	620667	2.204	ppbv	99
26) Hexane	5.68	57	271961	2.306	ppbv	97
27) Carbon Disulfide	4.53	76	302050	1.898	ppbv	98
28) Methyl tert-Butyl Ether	5.02	73	396534	1.971	ppbv	98
29) Chloroform	5.74	83	424727	2.037	ppbv	96
30) Cyclohexane	7.14	84	201770	2.309	ppbv	88
31) cis-1,2-Dichloroethene	5.54	61	262274	2.140	ppbv	97
32) 1,1,1-Trichloroethane	6.51	97	380049	1.697	ppbv	98
34) 2-Butanone	5.23	43	404829	2.301	ppbv	100
35) Carbon Tetrachloride	7.02	117	392337	1.694	ppbv	97
36) Benzene	6.90	78	512618	2.379	ppbv	99
37) 1,2-Dichloroethane	6.31	62	332451	1.850	ppbv	100
38) Trichloroethene	7.85	130	201004	2.213	ppbv	92
39) 1,2-Dichloropropane	7.63	63	204739	2.292	ppbv	96
40) 1,4-Dioxane	7.85	88	35500	1.034	ppbv #	1
41) Tetrahydrofuran	6.05	42	205859	2.243	ppbv	98
42) Bromodichloromethane	7.81	83	427709	1.933	ppbv	90
43) Methyl Methacrylate	8.03	69	195613	2.258	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022520\

Quantitation Report (Not Reviewed)

Data File : VL034668.D
Acq On : 25 Feb 2020 11:58
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Feb 25 12:27:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022520AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb 25 12:01:27 2020
QLast Update : Tue Feb 25 12:01:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	954131	2.441	ppbv		98
45) t-1,3-Dichloropropene	9.30	75	225181	1.985	ppbv		97
46) cis-1,3-Dichloropropene	8.72	75	164022	1.272	ppbv		96
47) 1,1,2-Trichloroethane	9.49	97	220962	2.284	ppbv		93
48) Dibromochloromethane	10.33	129	343496	1.938	ppbv		100
49) Bromoform	13.07	173	305210	1.961	ppbv		99
50) 4-Methyl-2-Pentanone	8.76	43	556109	2.217	ppbv		100
51) 2-Hexanone	10.16	43	451166	2.285	ppbv	#	99
52) Tetrachloroethene	11.25	164	175303	2.026	ppbv		95
53) Toluene	9.83	91	566212	2.392	ppbv		99
54) 1,2-Dibromoethane	10.64	107	308065	2.125	ppbv		93
56) 1,1,1,2-Tetrachloroethane	12.16	131	113237	0.907	ppbv	#	1
57) Chlorobenzene	12.18	112	462650	2.222	ppbv		93
58) Ethyl Benzene	12.74	91	793773	2.345	ppbv		100
59) m/p-Xylene	13.02	91	782888	2.616	ppbv	#	53
60) o-Xylene	13.73	91	671561	2.234	ppbv		98
61) Styrene	13.56	104	480244	2.396	ppbv		100
62) Isopropylbenzene	14.70	105	885391	2.273	ppbv		97
63) 1,1,2,2-Tetrachloroethane	13.71	83	500966	2.155	ppbv		99
64) n-propylbenzene	15.60	120	222889	2.224	ppbv		85
65) tert-Butylbenzene	16.79	119	776937	2.202	ppbv		96
66) Benzyl Chloride	17.03	91	283929	1.919	ppbv		99
67) sec-Butylbenzene	17.34	105	1143816	2.359	ppbv		97
69) p-Isopropyltoluene	17.69	119	920599	2.338	ppbv		98
70) n-Butylbenzene	18.59	91	977777	2.339	ppbv		97
71) 2-Chlorotoluene	15.49	91	691317	2.338	ppbv		99
72) 4-Ethyltoluene	15.88	105	760829	2.304	ppbv		99
73) 1,3,5-Trimethylbenzene	16.03	105	713492	2.212	ppbv		98
74) 1,2,4-Trimethylbenzene	16.80	105	782734	2.192	ppbv		96
75) 1,3-Dichlorobenzene	17.04	146	431654	2.099	ppbv		99
76) 1,4-Dichlorobenzene	17.18	146	438112	2.162	ppbv		97
77) 1,2-Dichlorobenzene	17.87	146	414517	2.098	ppbv		99
78) Hexachloro-1,3-Butadiene	23.43	225	184516	0.977	ppbv	#	25
79) Naphthalene	22.27	128	599357	2.132	ppbv	#	94
80) Naphthalene,2-methyl-	25.01	142	102868	0.951	ppbv		99
81) 1,2,4-Trichlorobenzene	21.98	180	130175	0.751	ppbv	#	12

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

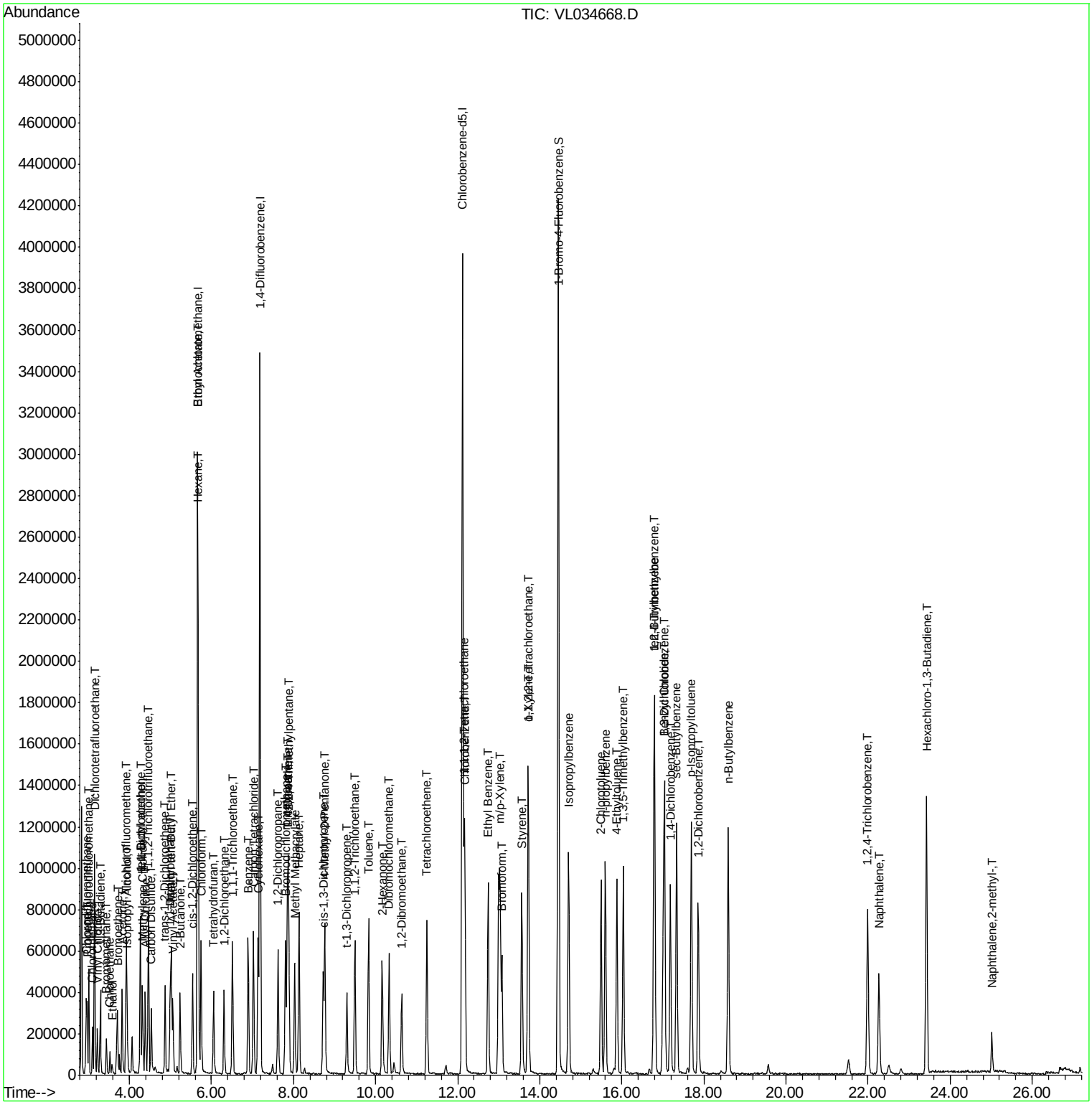
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022520\

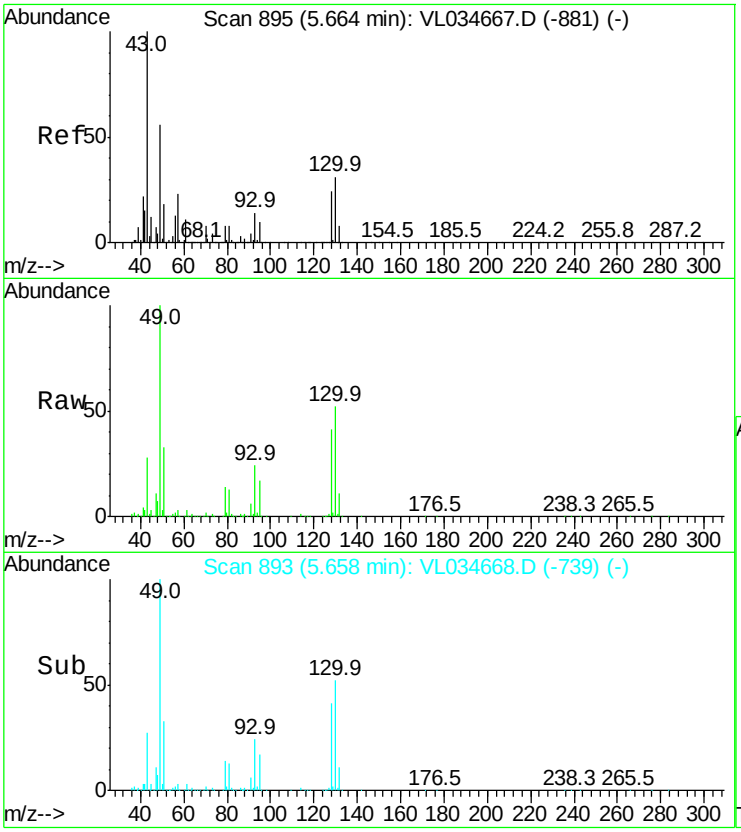
Quantitation Report (Not Reviewed)

Data File : VL034668.D
Acq On : 25 Feb 2020 11:58
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Feb 25 12:27:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022520AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb 25 12:01:27 2020
QLast Update : Tue Feb 25 12:01:27 2020
Response via : Initial Calibration



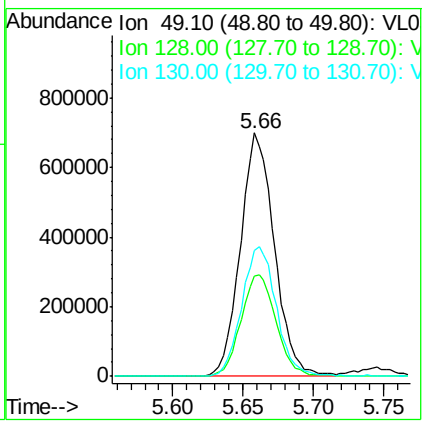


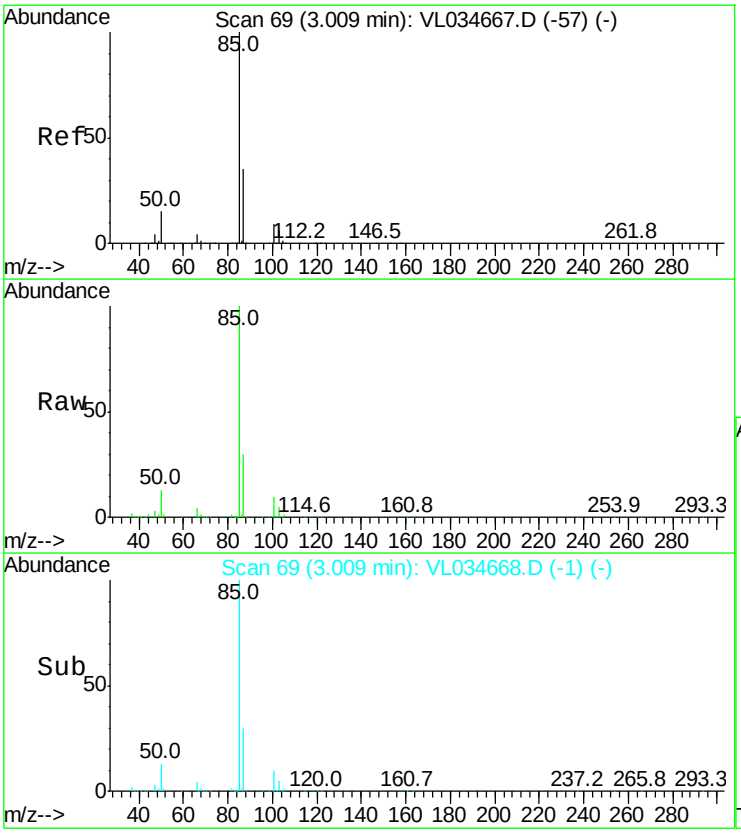
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.01 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 49 Resp: 1183475

Ion	Ratio	Lower	Upper
49	100		
128	43.4	21.9	65.5
130	54.5	27.9	83.7

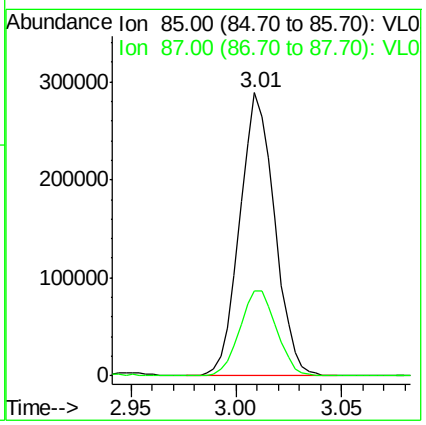


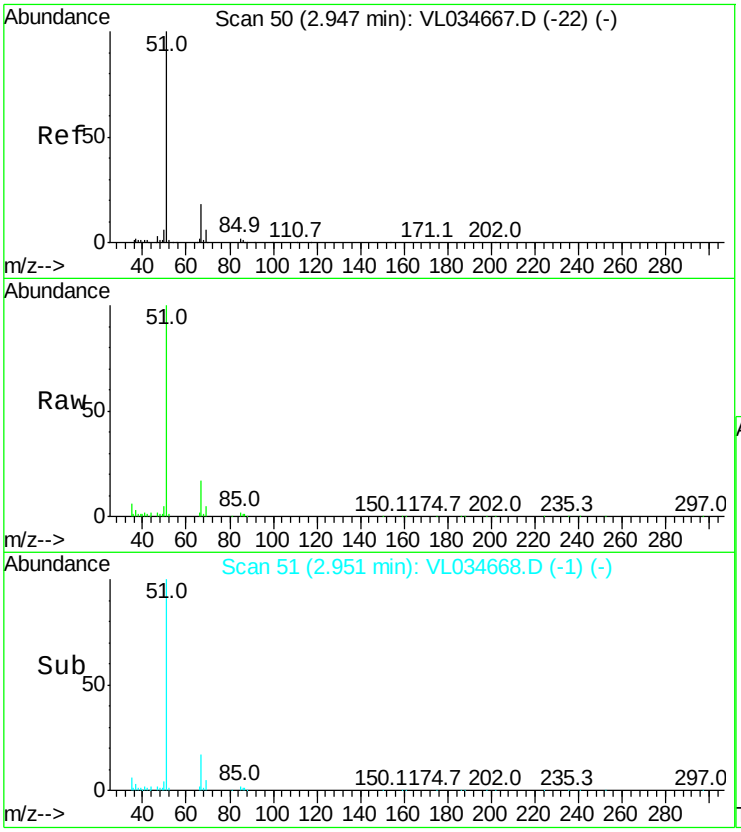


#2
Dichlorodifluoromethane
Concen: 1.276 ppbv
RT: 3.01 min Scan# 69
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Tgt Ion: 85 Resp: 332568

Ion	Ratio	Lower	Upper
85	100		
87	30.0	27.9	41.9



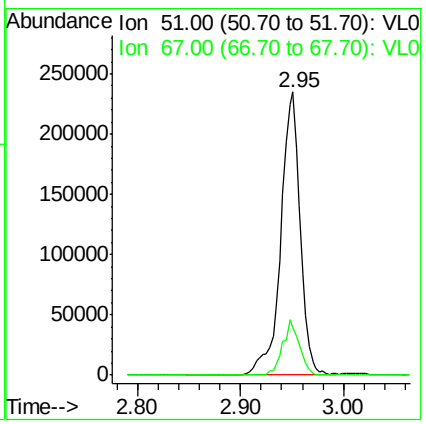


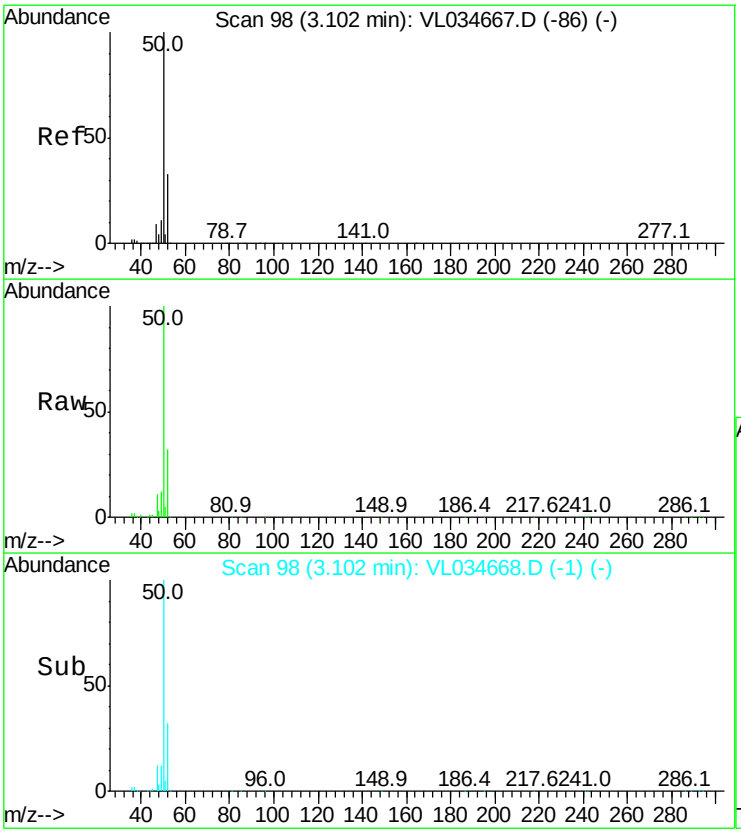
#3
Chlorodifluoromethane
Concen: 2.153 ppbv
RT: 2.95 min Scan# 51
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 51 Resp: 307930

Ion	Ratio	Lower	Upper
51	100		
67	16.9	15.0	22.4

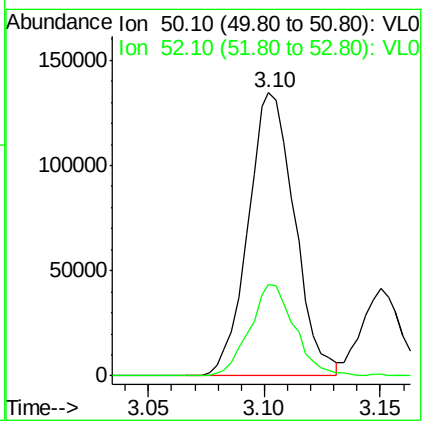


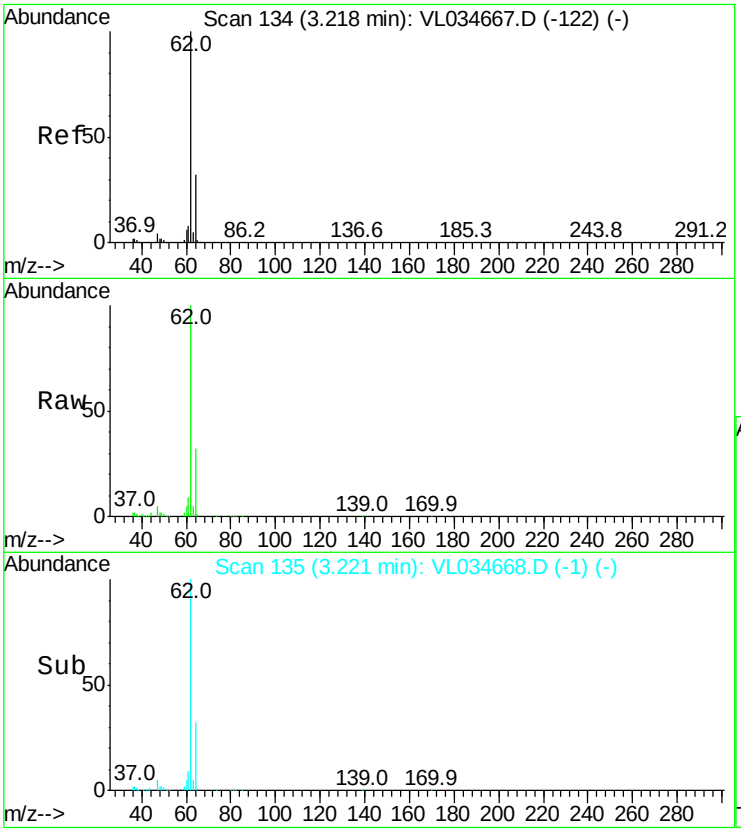


#4
Chloromethane
Concen: 2.146 ppbv
RT: 3.10 min Scan# 98
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Tgt Ion: 50 Resp: 187732

Ion	Ratio	Lower	Upper
50	100		
52	32.1	26.2	39.4



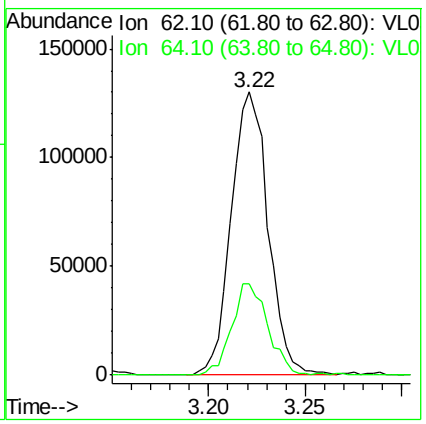


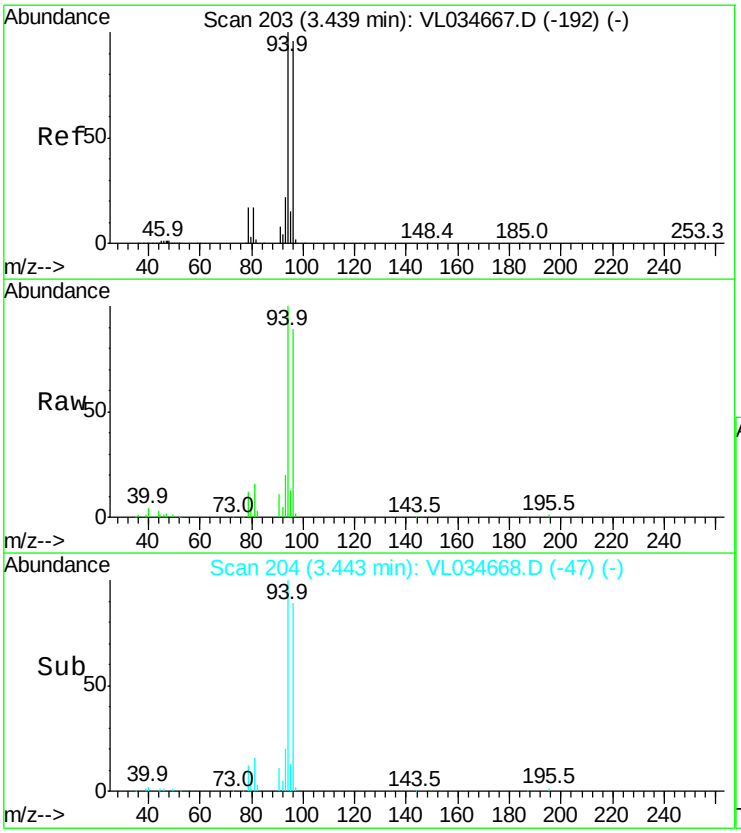
#5
Vinyl Chloride
Concen: 2.066 ppbv
RT: 3.22 min Scan# 135
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 62 Resp: 172633

Ion	Ratio	Lower	Upper
62	100		
64	32.1	25.7	38.5

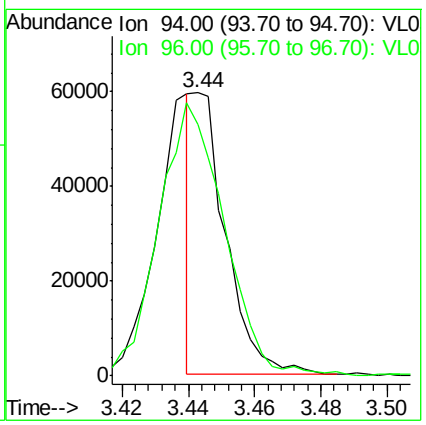


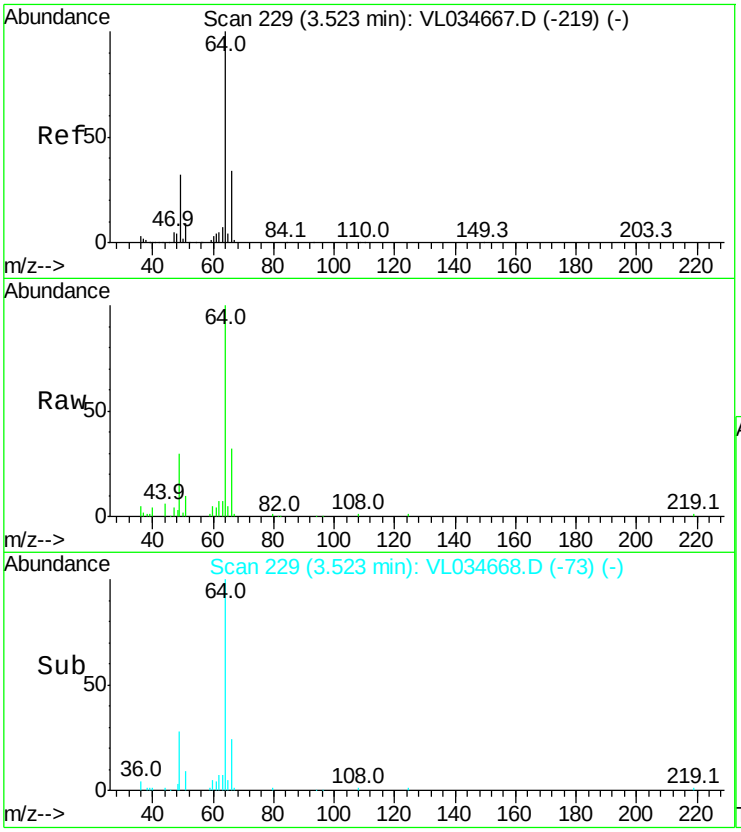


#6
Bromomethane
Concen: 0.944 ppbv
RT: 3.44 min Scan# 204
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Tgt Ion: 94 Resp: 41032

Ion	Ratio	Lower	Upper
94	100		
96	87.7	77.0	115.4



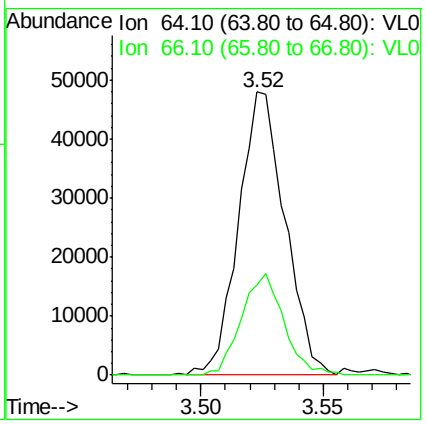


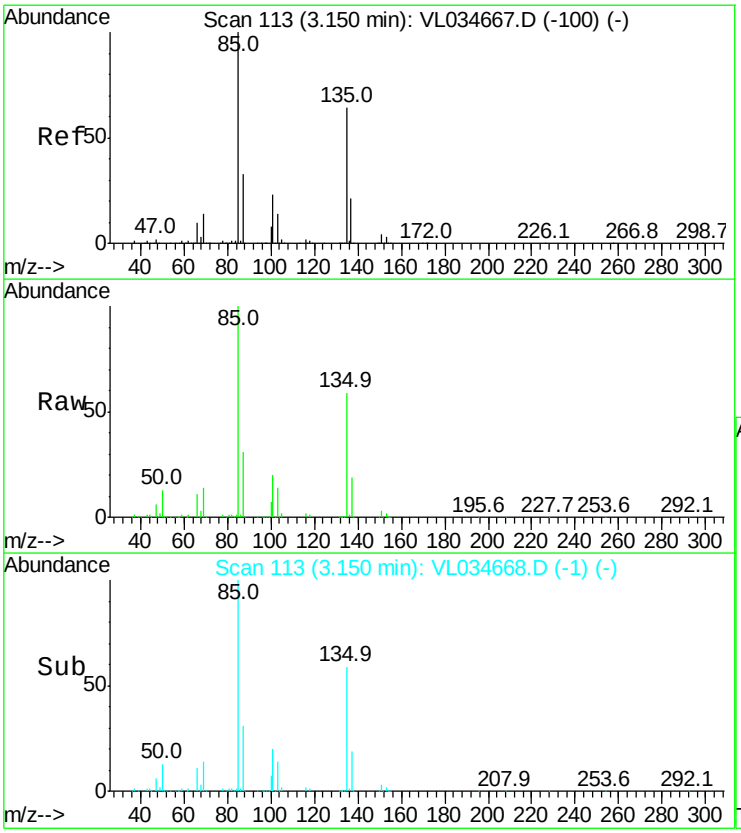
#7
Chloroethane
Concen: 2.030 ppbv
RT: 3.52 min Scan# 229
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 64 Resp: 63076

Ion	Ratio	Lower	Upper
64	100		
66	32.6	26.9	40.3

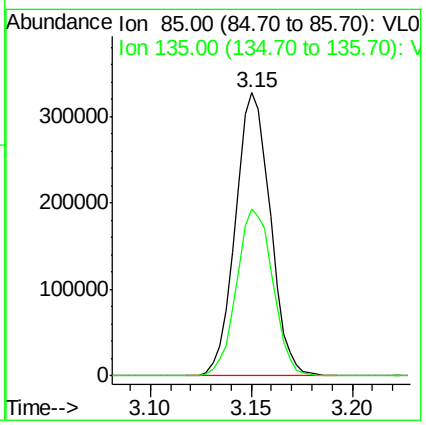


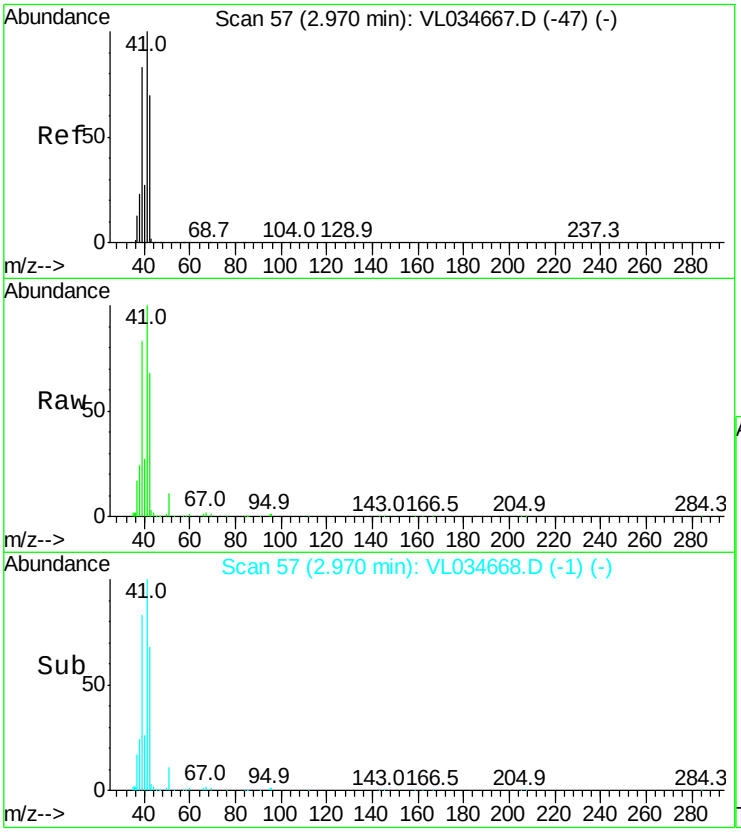


#8
Dichlorotetrafluoroethane
Concen: 1.955 ppbv
RT: 3.15 min Scan# 113
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Tgt Ion: 85 Resp: 398427

Ion	Ratio	Lower	Upper
85	100		
135	61.3	49.3	73.9



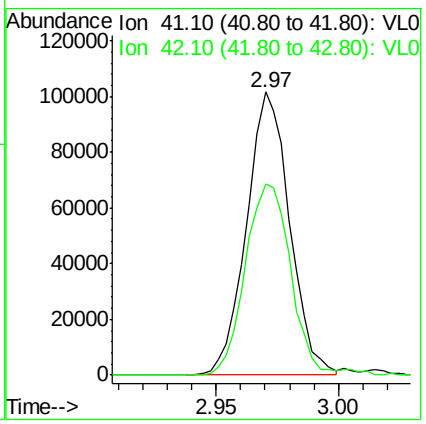


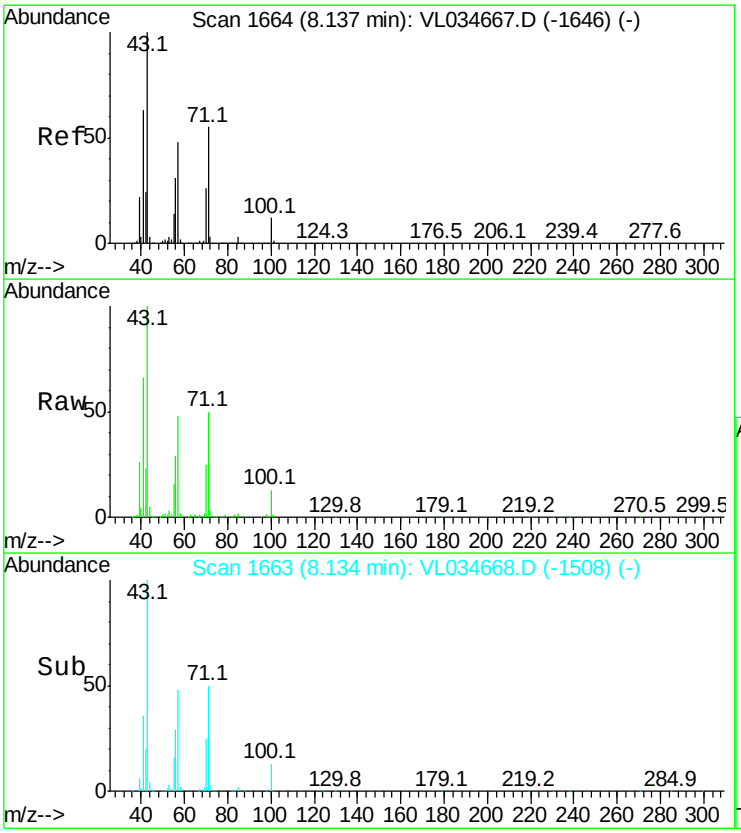
#9
Propene
Concen: 2.230 ppbv
RT: 2.97 min Scan# 57
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 41 Resp: 124180

Ion	Ratio	Lower	Upper
41	100		
42	71.8	57.0	85.4

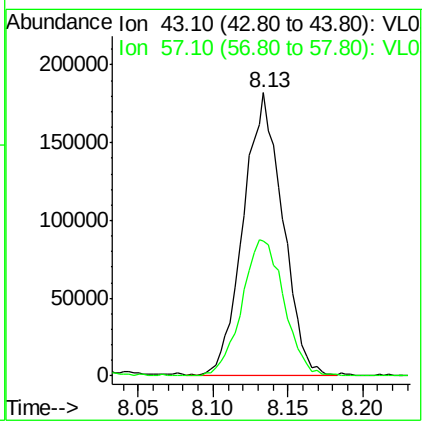


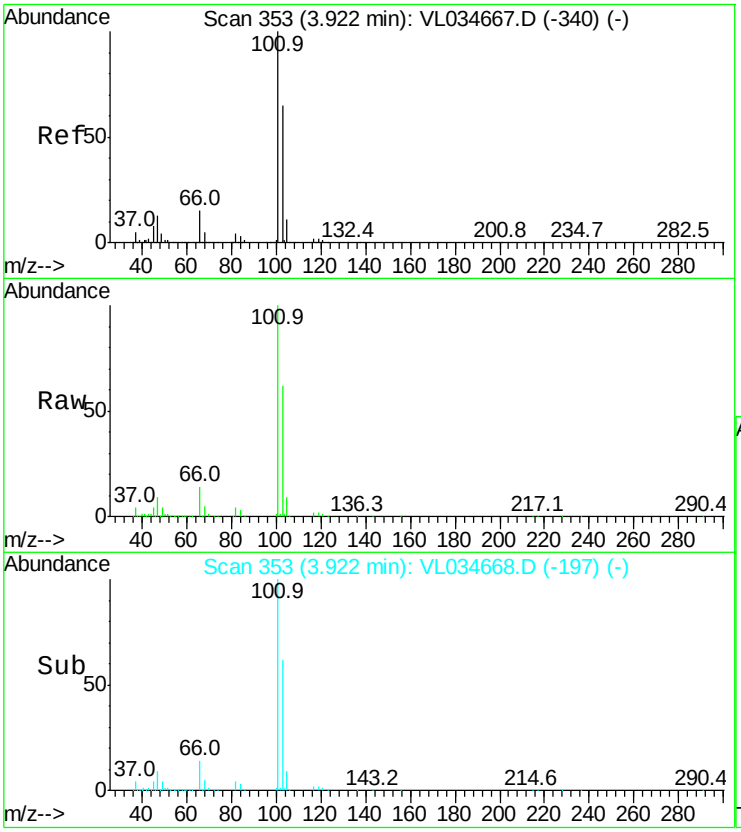


#10
Heptane
Concen: 2.360 ppbv
RT: 8.13 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Tgt Ion: 43 Resp: 330650

Ion	Ratio	Lower	Upper
43	100		
57	52.1	41.7	62.5



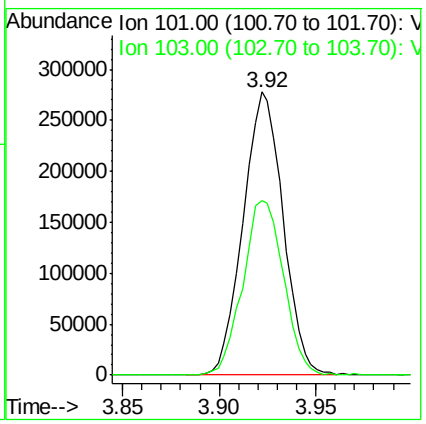


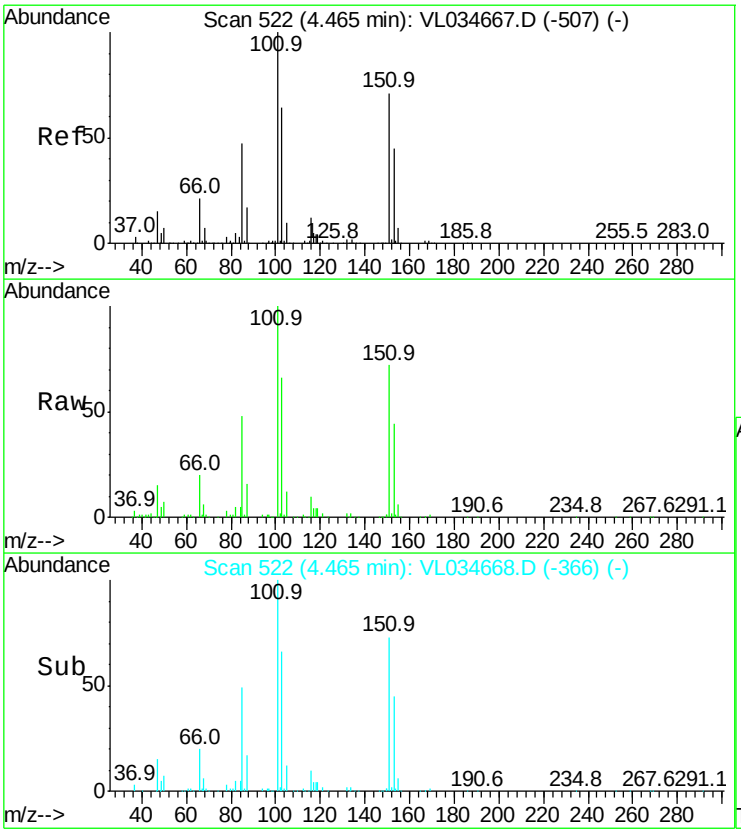
#11
Trichlorofluoromethane
Concen: 1.687 ppbv
RT: 3.92 min Scan# 353
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:101 Resp: 399374

Ion	Ratio	Lower	Upper
101	100		
103	61.5	52.3	78.5

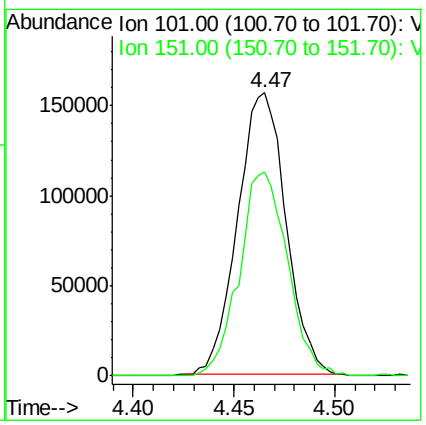


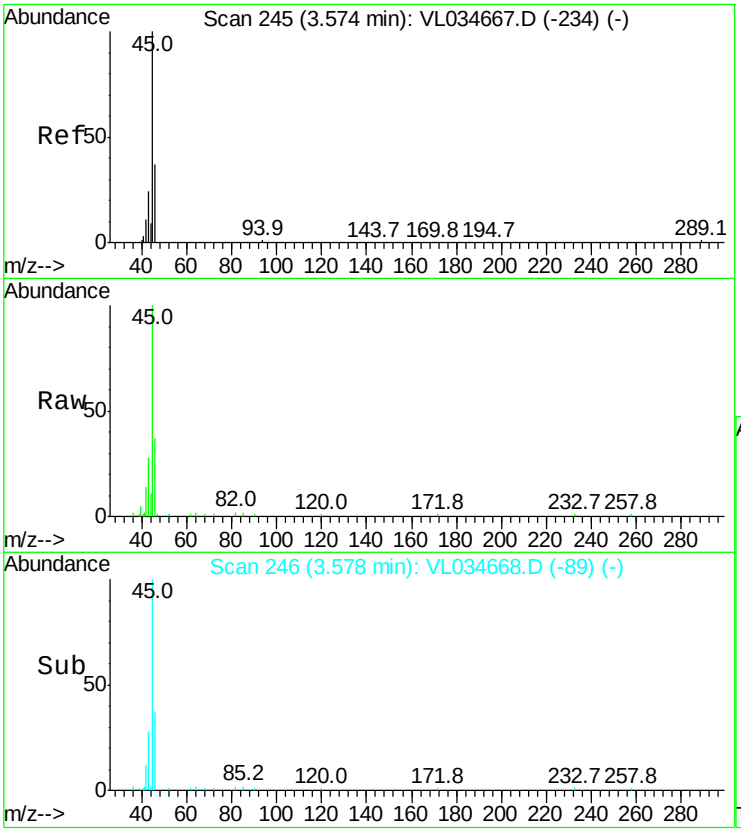


#12
1,1,2-Trichlorotrifluoroethane
Concen: 1.701 ppbv
RT: 4.47 min Scan# 522
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Tgt Ion:101 Resp: 262755

Ion	Ratio	Lower	Upper
101	100		
151	72.3	55.5	83.3



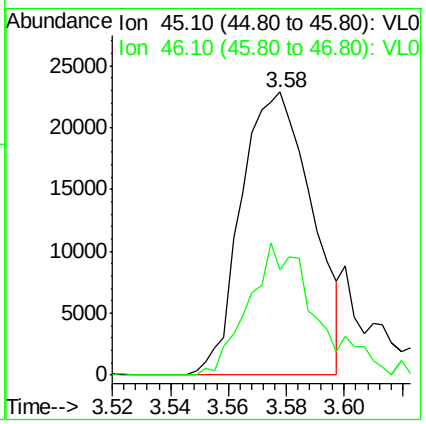


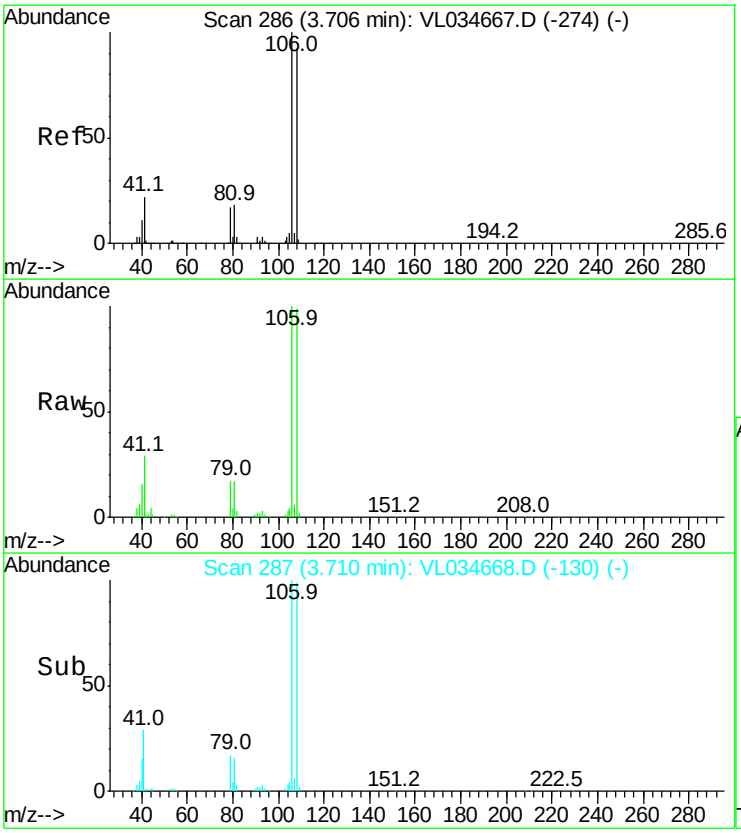
#13
Ethanol
Concen: 2.596 ppbv
RT: 3.58 min Scan# 246
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 45 Resp: 38720

Ion	Ratio	Lower	Upper
45	100		
46	45.4	15.1	60.5

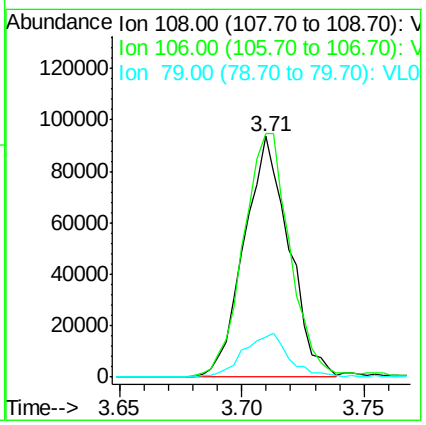


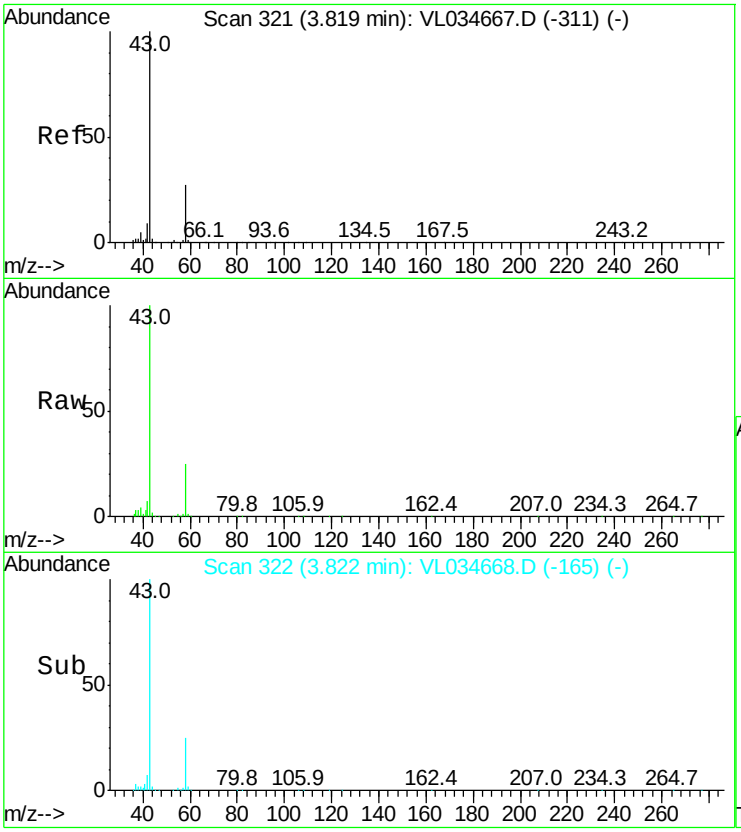


#14
Bromoethene
Concen: 1.968 ppbv
RT: 3.71 min Scan# 287
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Tgt Ion:108 Resp: 119247

Ion	Ratio	Lower	Upper
108	100		
106	106.4	86.4	129.6
79	18.4	14.6	22.0



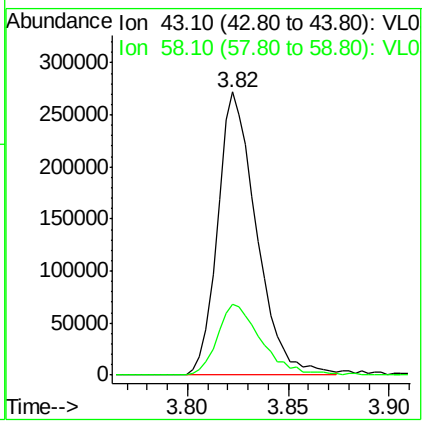


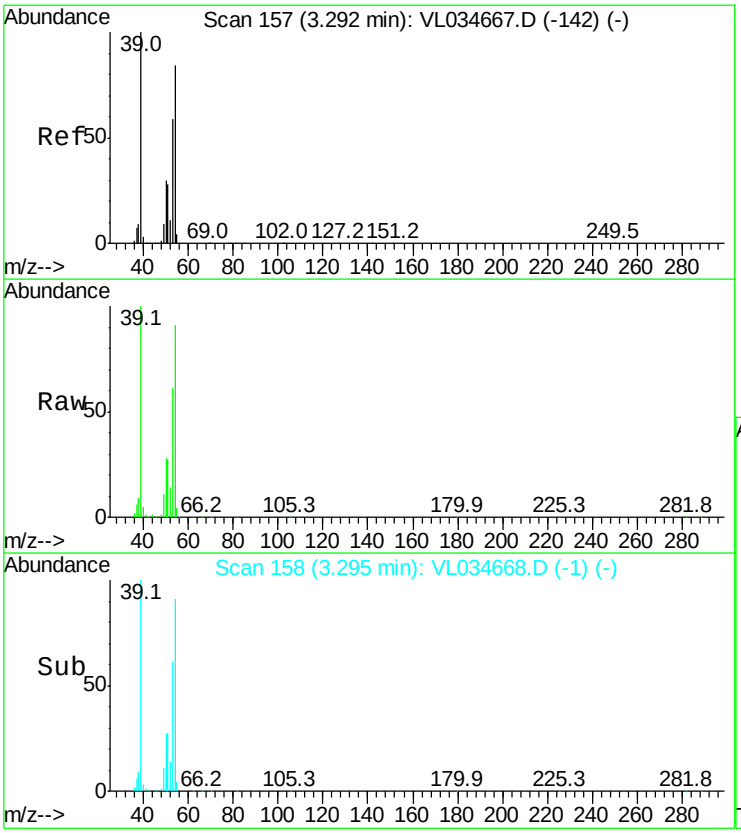
#15
Acetone
Concen: 2.084 ppbv
RT: 3.82 min Scan# 322
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 362396

Ion	Ratio	Lower	Upper
43	100		
58	28.7	21.4	32.0

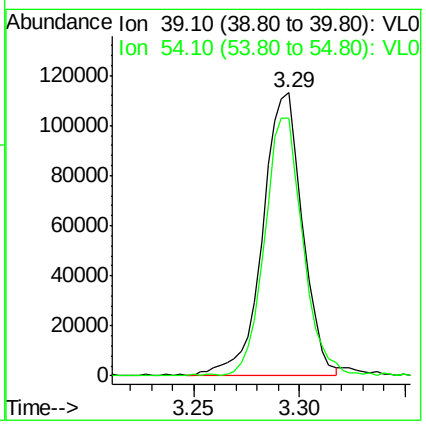


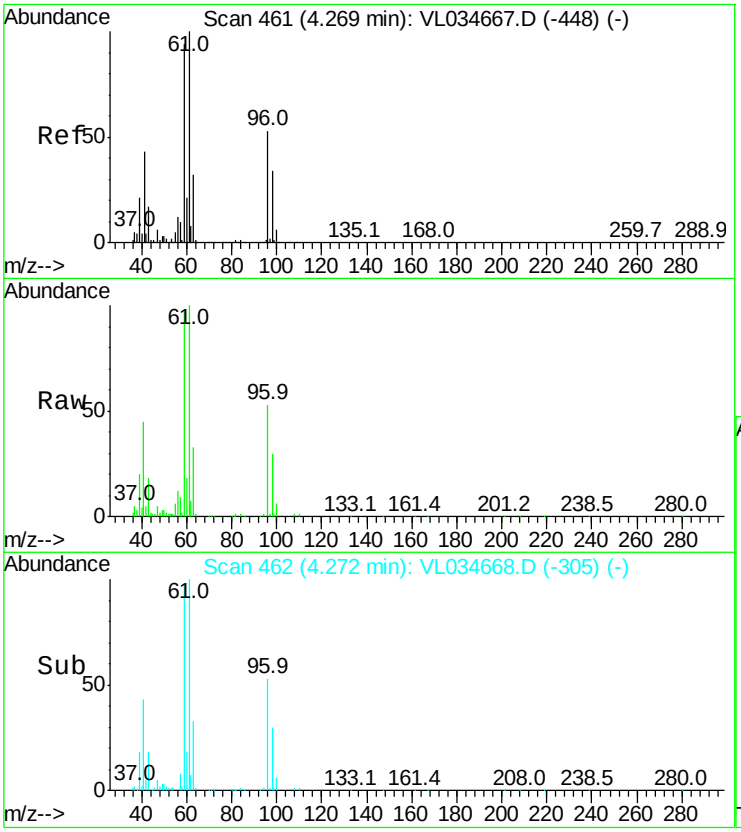


#16
1,3-Butadiene
Concen: 2.143 ppbv
RT: 3.29 min Scan# 158
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Tgt Ion: 39 Resp: 147988

Ion	Ratio	Lower	Upper
39	100		
54	89.2	68.2	102.2



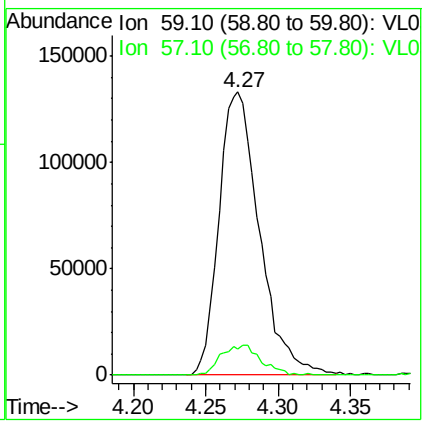


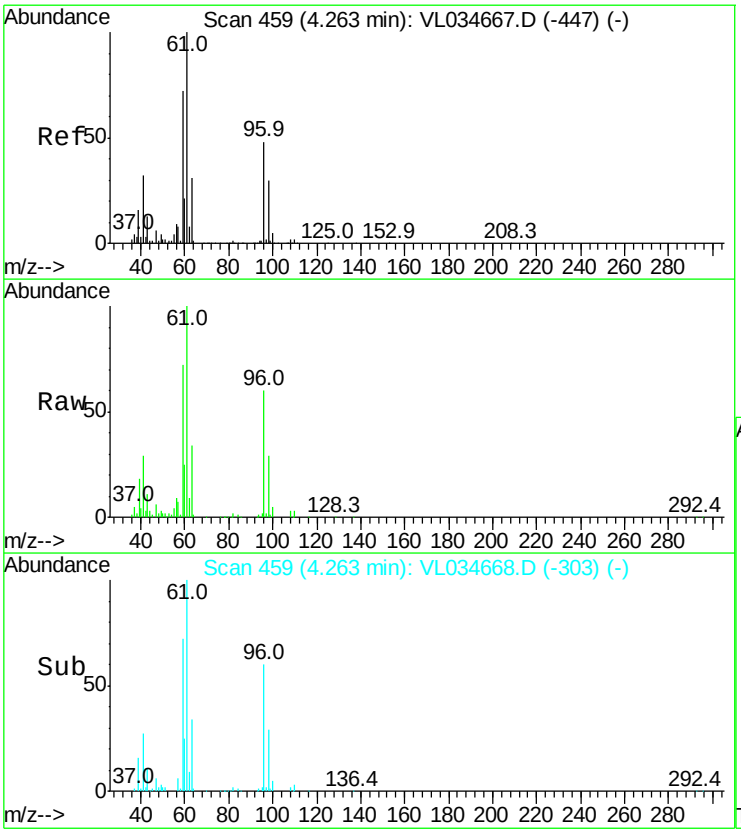
#17
tert-Butyl alcohol
Concen: 1.995 ppbv
RT: 4.27 min Scan# 462
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 59 Resp: 255209

Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.8	13.2

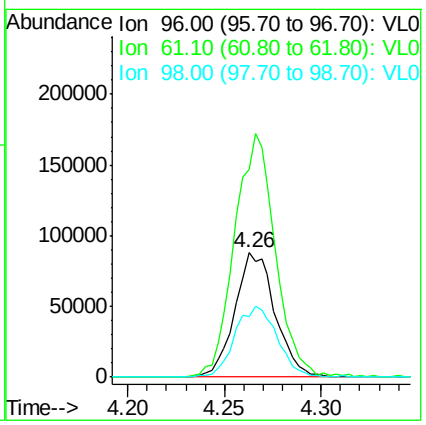


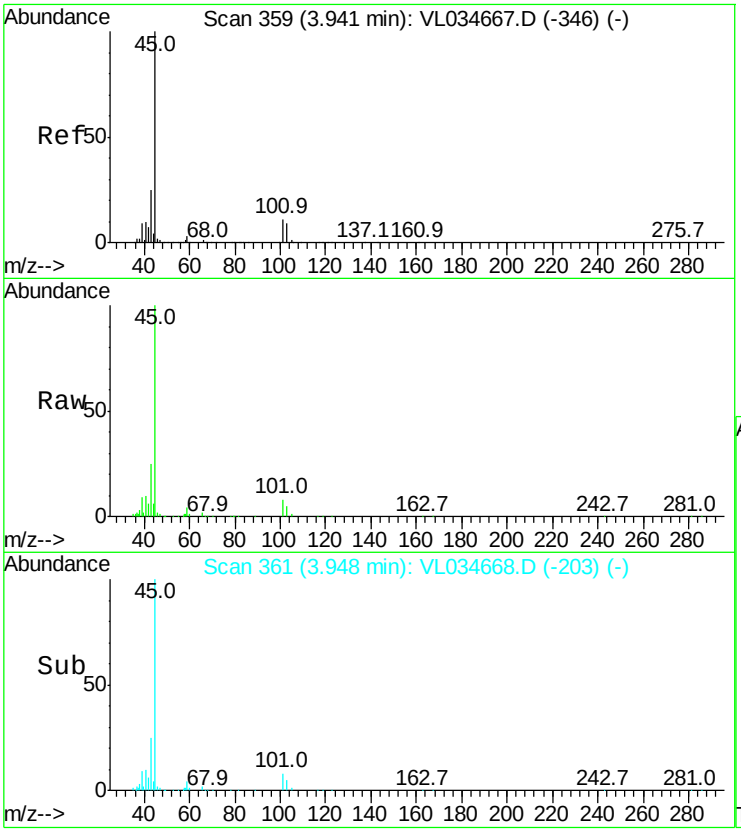


#18
1,1-Dichloroethene
Concen: 1.951 ppbv
RT: 4.26 min Scan# 459
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Tgt Ion: 96 Resp: 127215

Ion	Ratio	Lower	Upper
96	100		
61	167.5	165.3	247.9
98	49.2	48.9	73.3



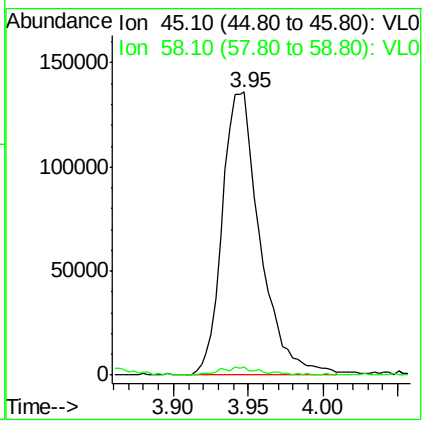


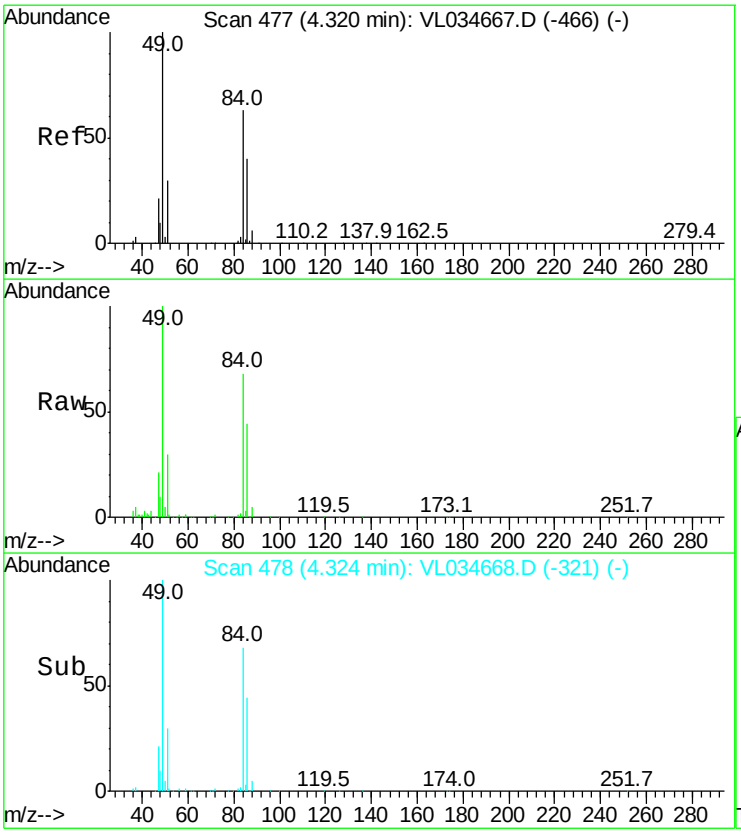
#19
Isopropyl Alcohol
Concen: 2.356 ppbv
RT: 3.95 min Scan# 361
Delta R.T. 0.01 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 45 Resp: 239166

Ion	Ratio	Lower	Upper
45	100		
58	3.2	1.8	2.8#

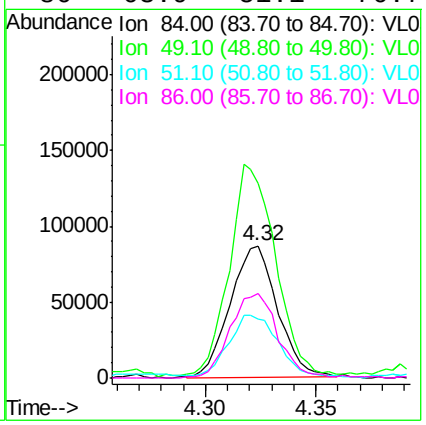


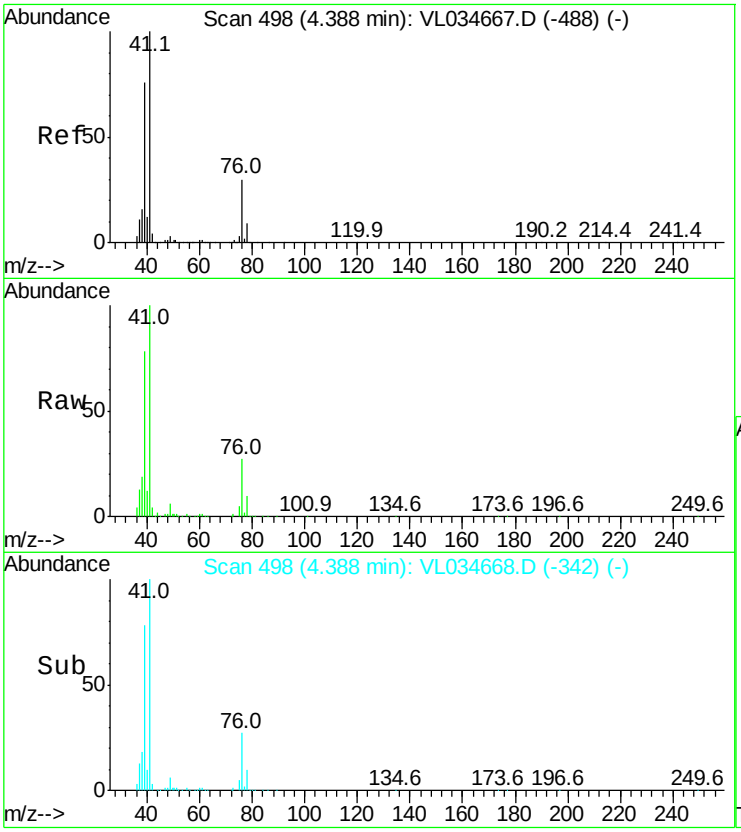


#20
Methylene Chloride
Concen: 1.953 ppbv
RT: 4.32 min Scan# 478
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Tgt Ion: 84 Resp: 129333

Ion	Ratio	Lower	Upper
84	100		
49	145.9	127.6	191.4
51	43.8	39.7	59.5
86	63.9	51.1	76.7



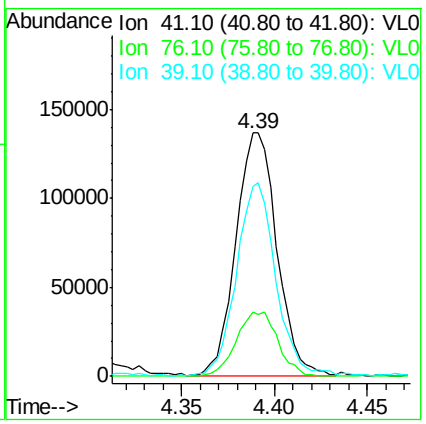


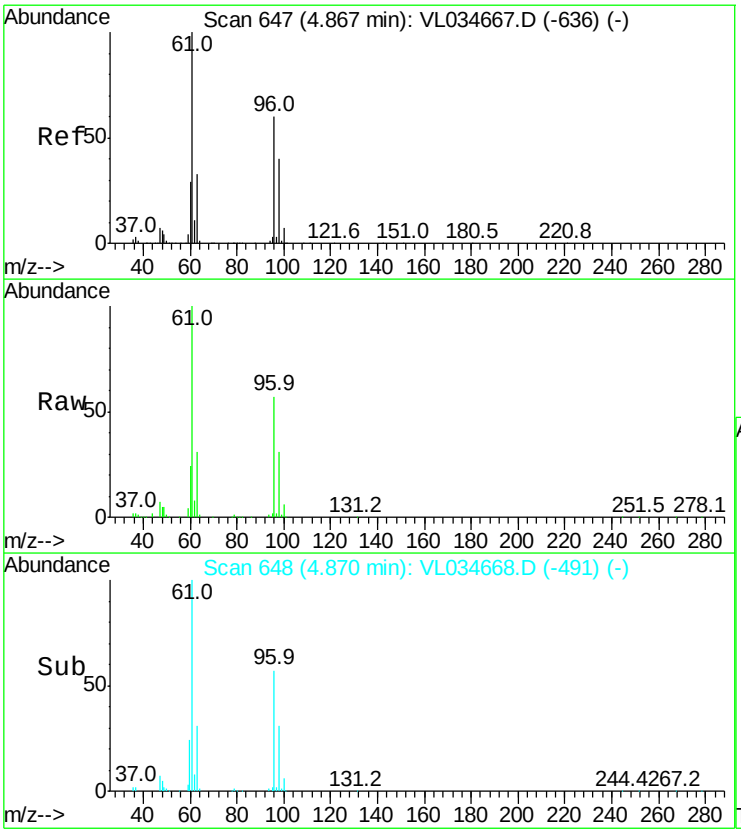
#21
Allyl Chloride
Concen: 1.935 ppbv
RT: 4.39 min Scan# 498
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 41 Resp: 208989

Ion	Ratio	Lower	Upper
41	100		
76	27.0	23.6	35.4
39	76.1	61.6	92.4

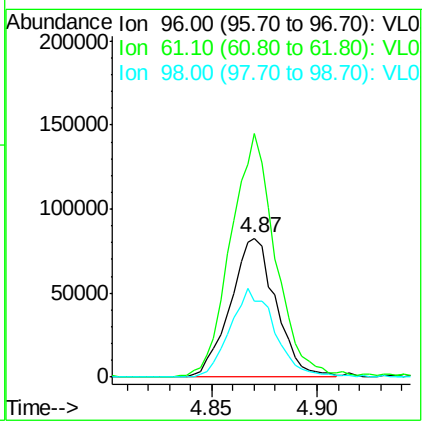


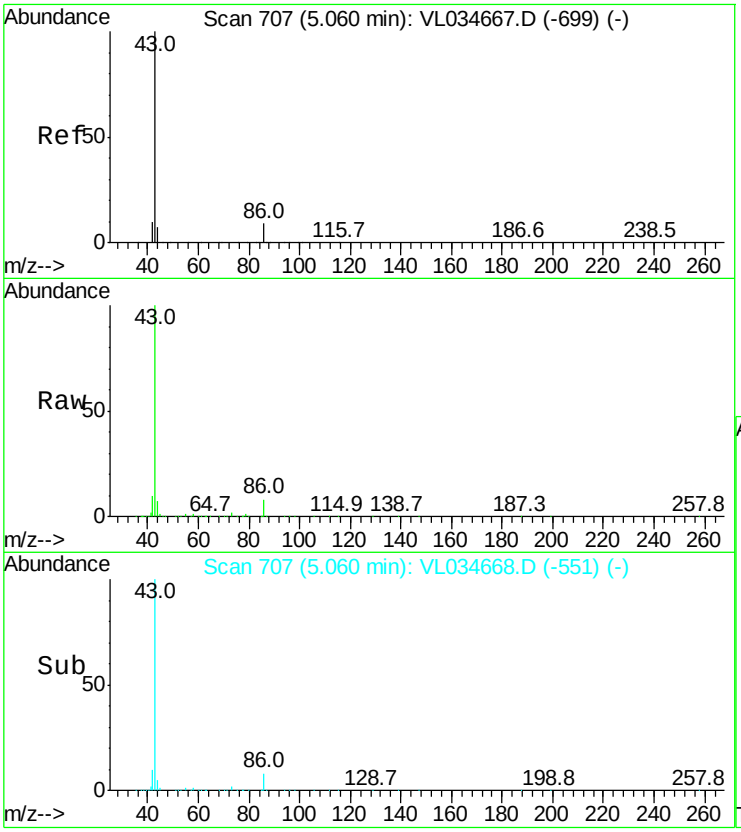


#22
trans-1,2-Dichloroethene
Concen: 1.816 ppbv
RT: 4.87 min Scan# 648
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Tgt Ion: 96 Resp: 124027

Ion	Ratio	Lower	Upper
96	100		
61	173.6	134.3	201.5
98	55.0	53.8	80.8



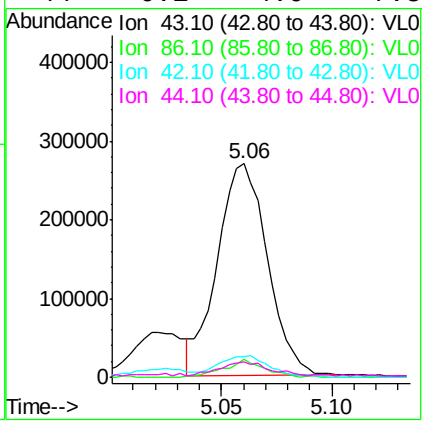


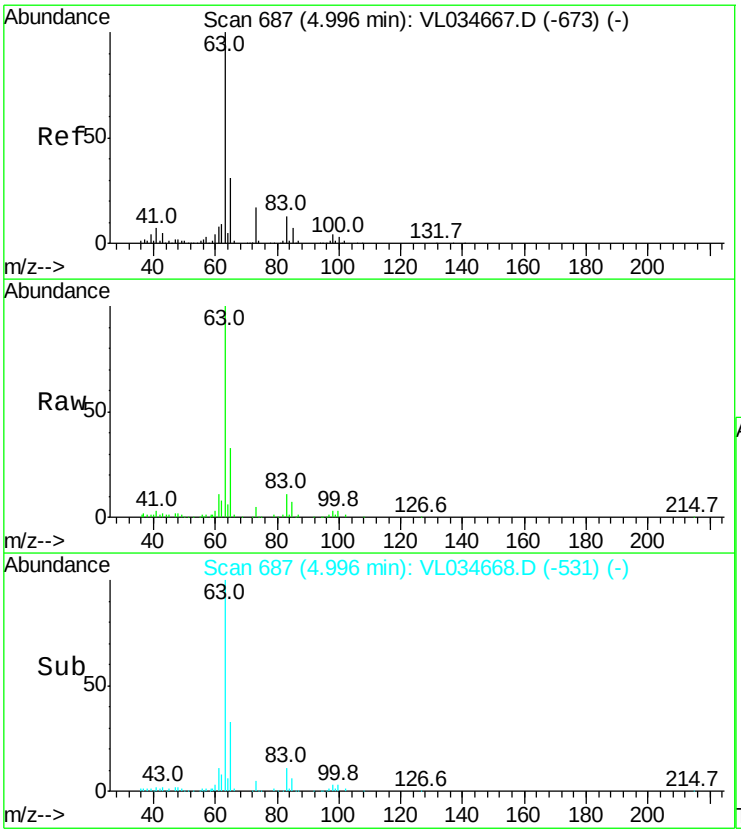
#23
Vinyl Acetate
Concen: 2.135 ppbv
RT: 5.06 min Scan# 707
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 423622

Ion	Ratio	Lower	Upper
43	100		
86	8.4	6.3	9.5
42	9.6	8.6	12.8
44	6.1	4.9	7.3

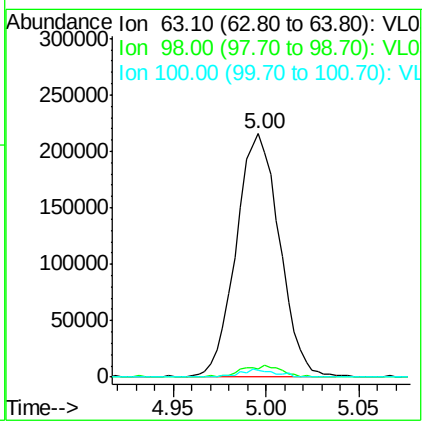


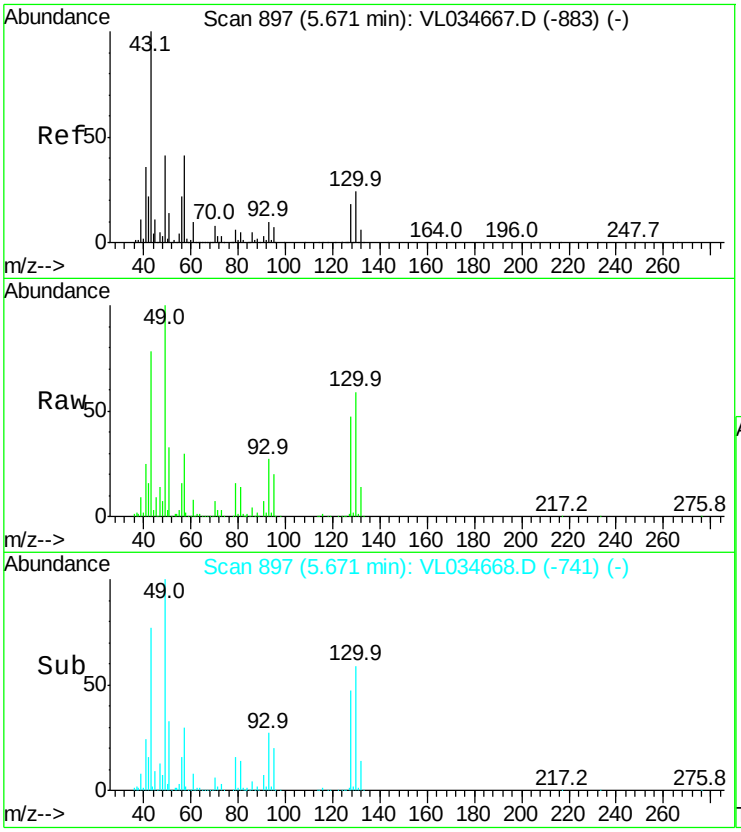


#24
1,1-Dichloroethane
Concen: 2.116 ppbv
RT: 5.00 min Scan# 687
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Tgt Ion: 63 Resp: 350550

Ion	Ratio	Lower	Upper
63	100		
98	4.0	2.2	6.6
100	2.8	1.4	4.2



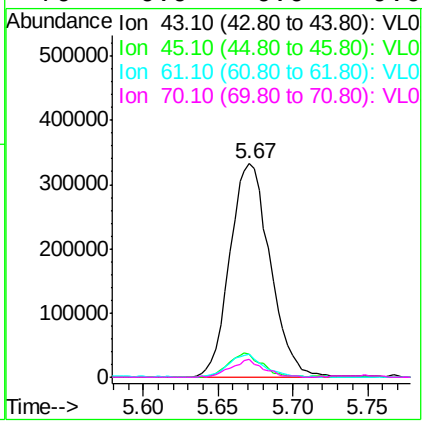


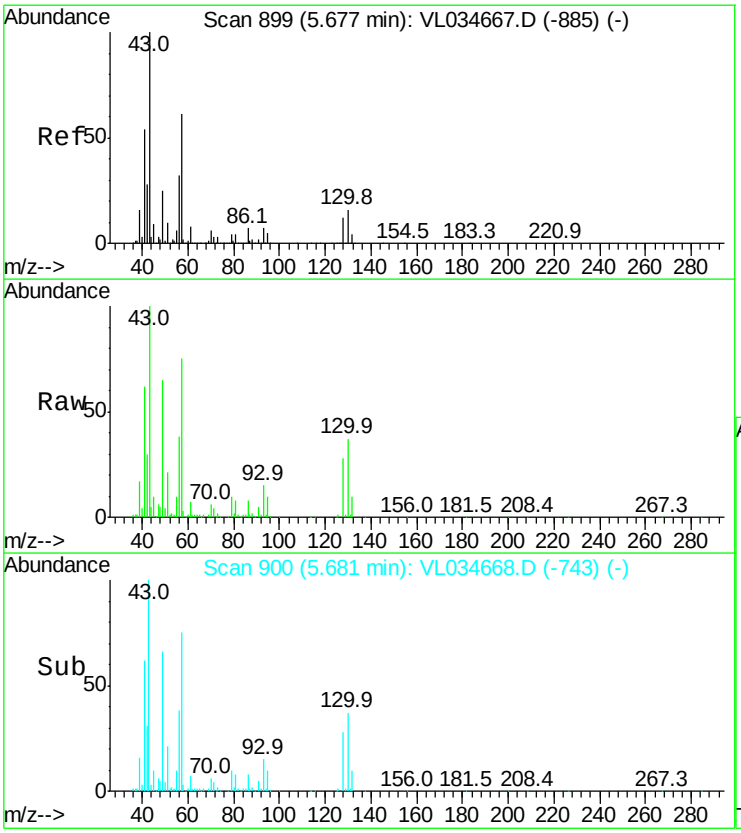
#25
Ethyl Acetate
Concen: 2.204 ppbv
RT: 5.67 min Scan# 897
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 620667

Ion	Ratio	Lower	Upper
43	100		
45	10.0	8.3	12.5
61	9.7	7.8	11.6
70	6.9	6.0	9.0

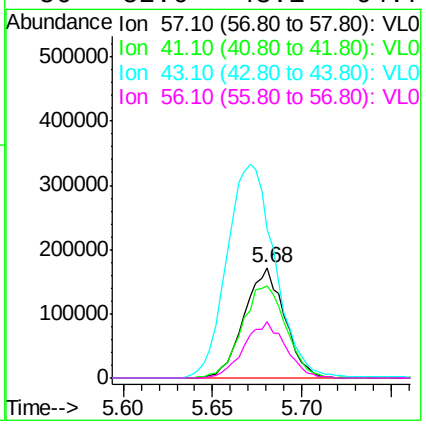


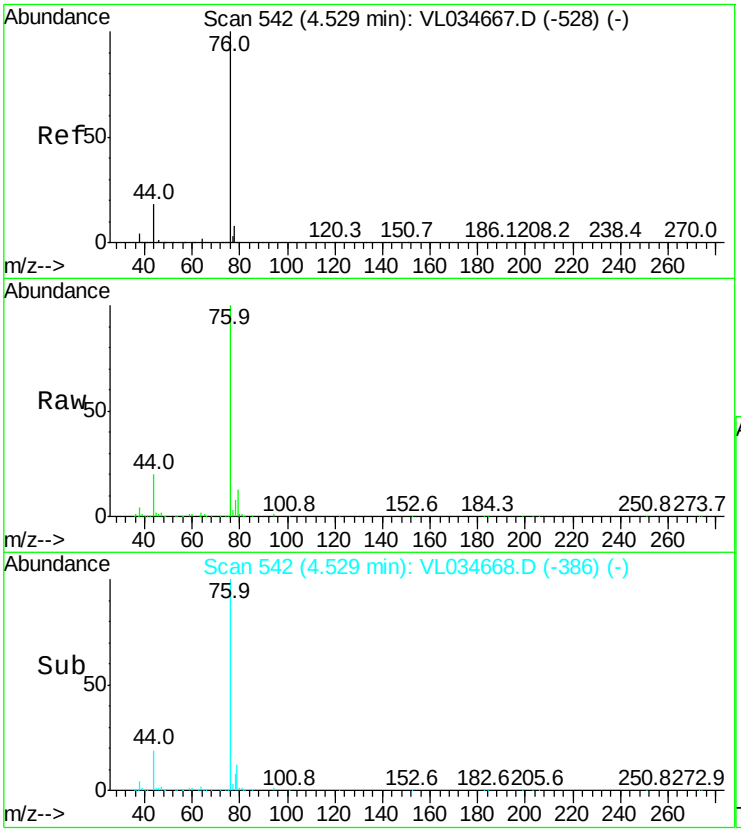


#26
Hexane
Concen: 2.306 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Tgt Ion: 57 Resp: 271961

Ion	Ratio	Lower	Upper
57	100		
41	91.7	72.0	108.0
43	230.7	178.7	268.1
56	52.6	43.1	64.7



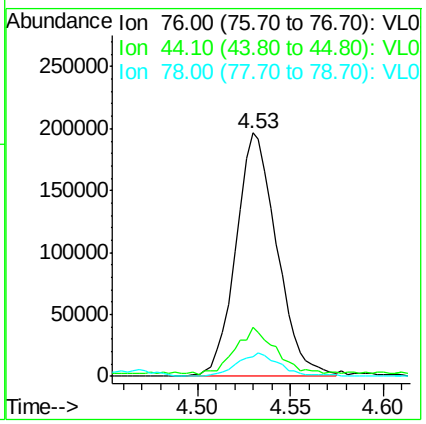


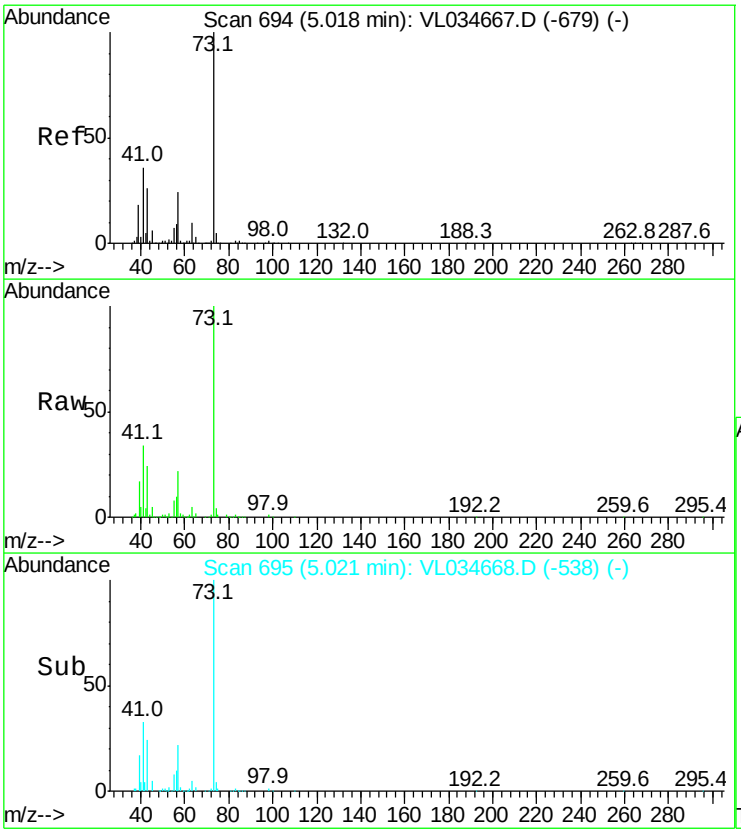
#27
Carbon Disulfide
Concen: 1.898 ppbv
RT: 4.53 min Scan# 542
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 76 Resp: 302050

Ion	Ratio	Lower	Upper
76	100		
44	19.9	15.0	22.4
78	10.2	7.7	11.5

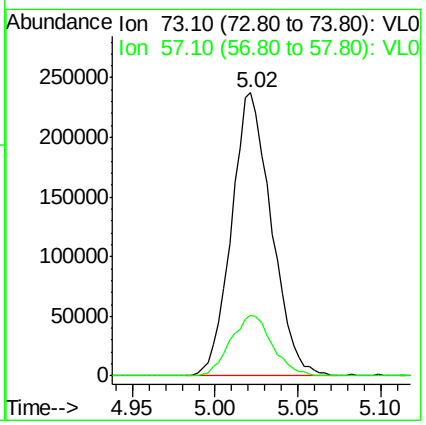


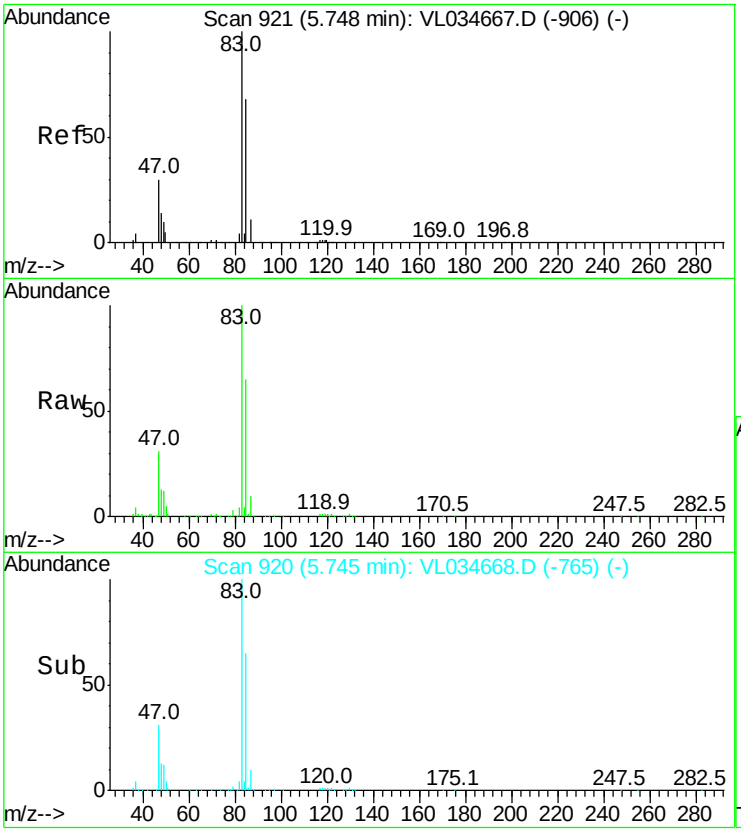


#28
Methyl tert-Butyl Ether
Concen: 1.971 ppbv
RT: 5.02 min Scan# 695
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Tgt Ion: 73 Resp: 396534

Ion	Ratio	Lower	Upper
73	100		
57	22.4	18.7	28.1



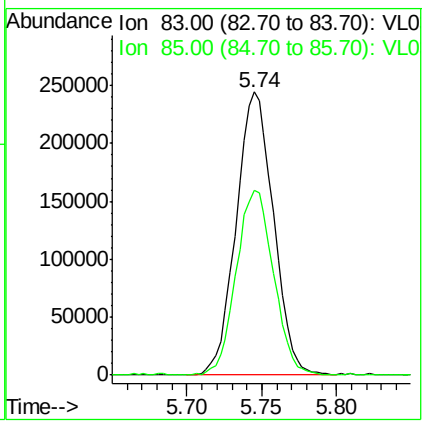


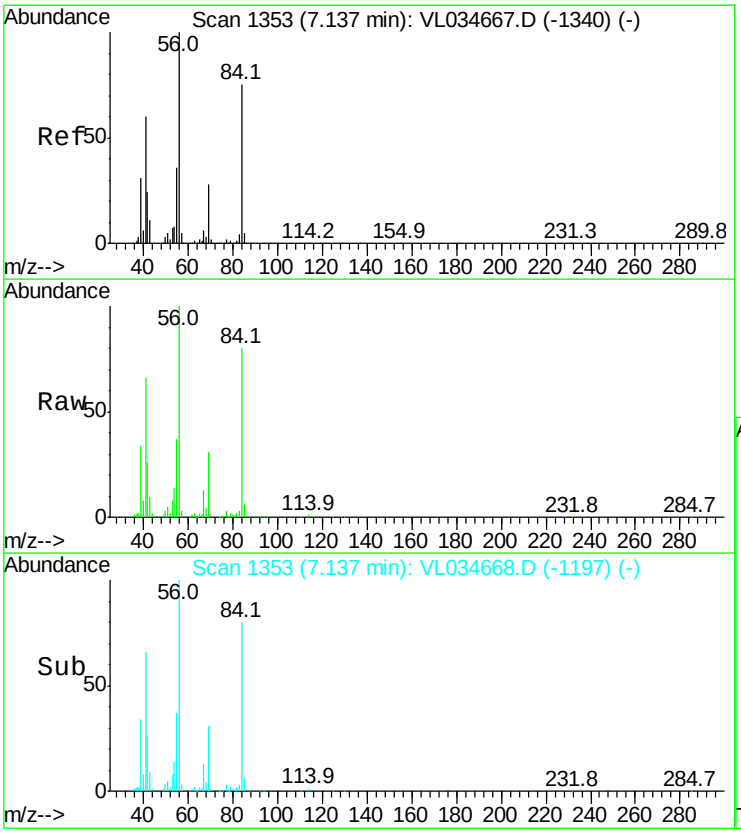
#29
Chloroform
Concen: 2.037 ppbv
RT: 5.74 min Scan# 920
Delta R.T. -0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 83 Resp: 424727

Ion	Ratio	Lower	Upper
83	100		
85	65.2	54.7	82.1

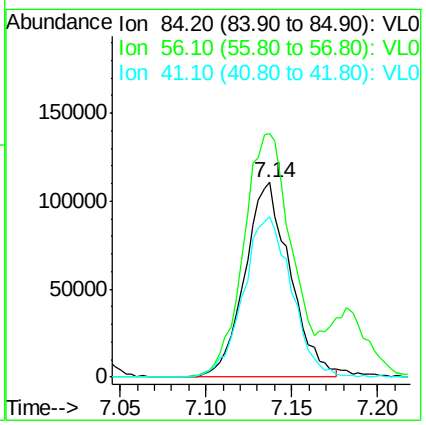


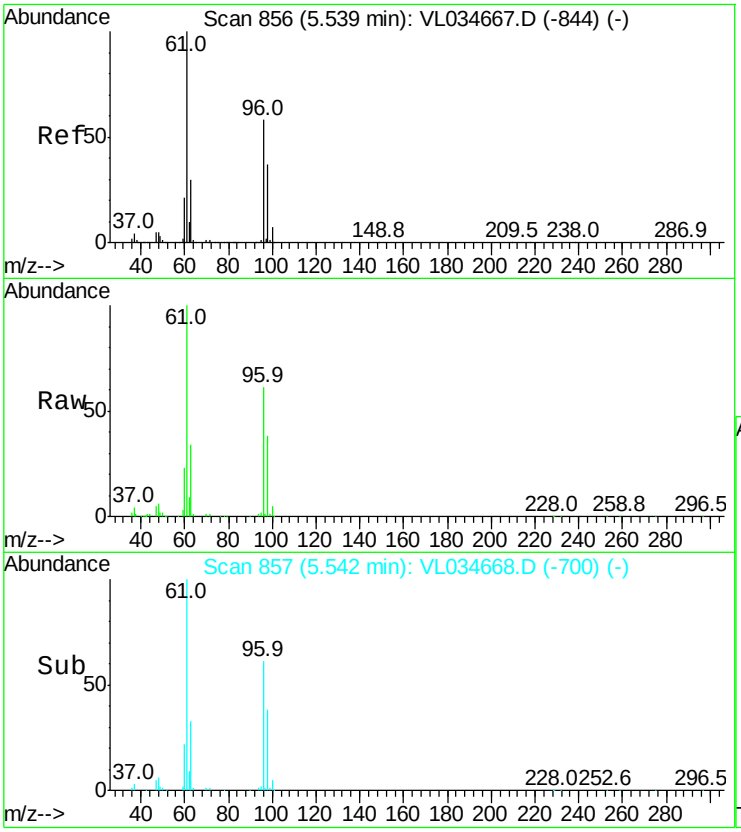


#30
Cyclohexane
Concen: 2.309 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Tgt Ion: 84 Resp: 201770

Ion	Ratio	Lower	Upper
84	100		
56	164.4	113.4	170.2
41	88.2	69.5	104.3



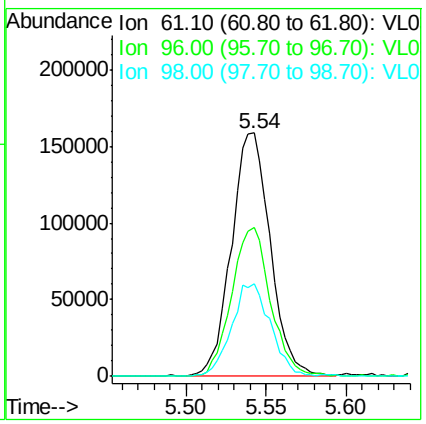


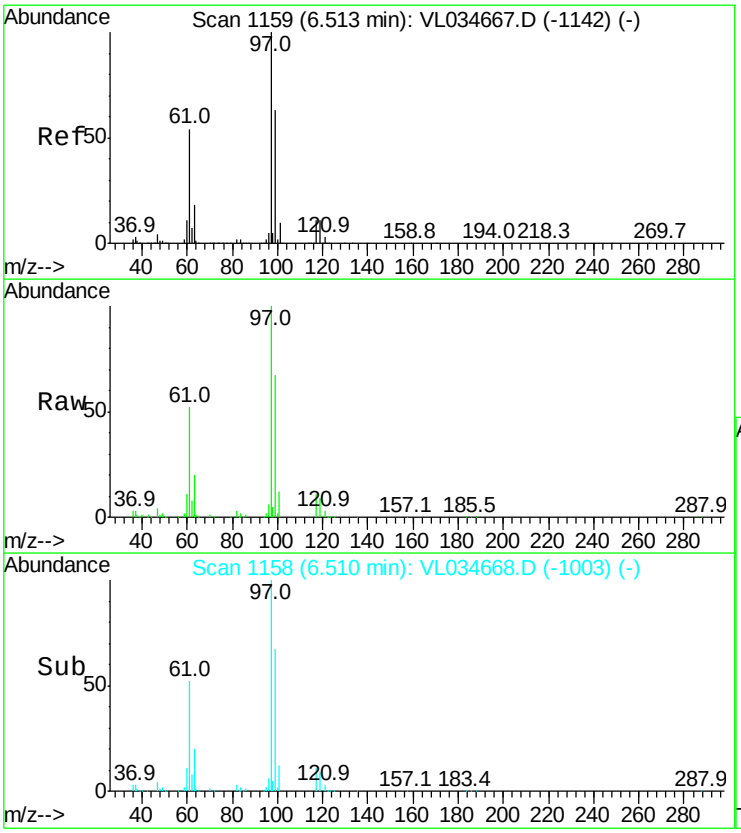
#31
cis-1,2-Dichloroethene
Concen: 2.140 ppbv
RT: 5.54 min Scan# 857
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 61 Resp: 262274

Ion	Ratio	Lower	Upper
61	100		
96	61.2	46.6	69.8
98	38.2	29.3	43.9

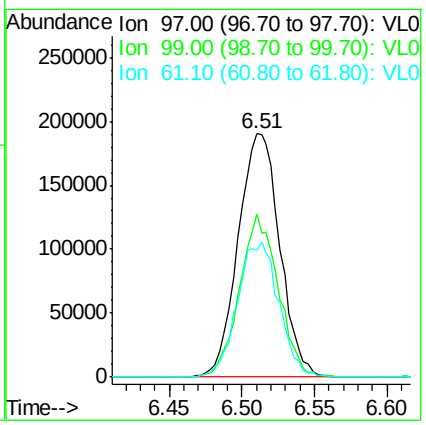


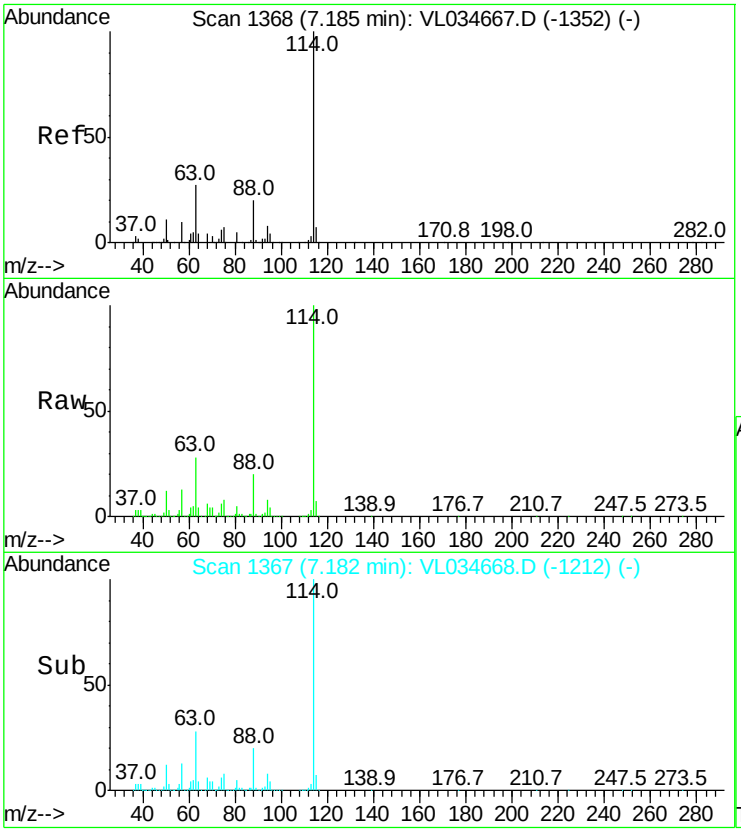


#32
1,1,1-Trichloroethane
Concen: 1.697 ppbv
RT: 6.51 min Scan# 1158
Delta R.T. -0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Tgt Ion: 97 Resp: 380049

Ion	Ratio	Lower	Upper
97	100		
99	62.1	52.2	78.2
61	55.4	44.5	66.7



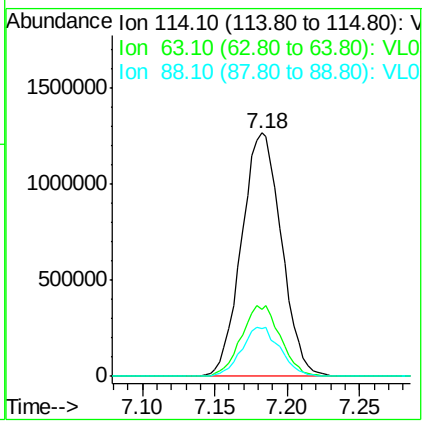


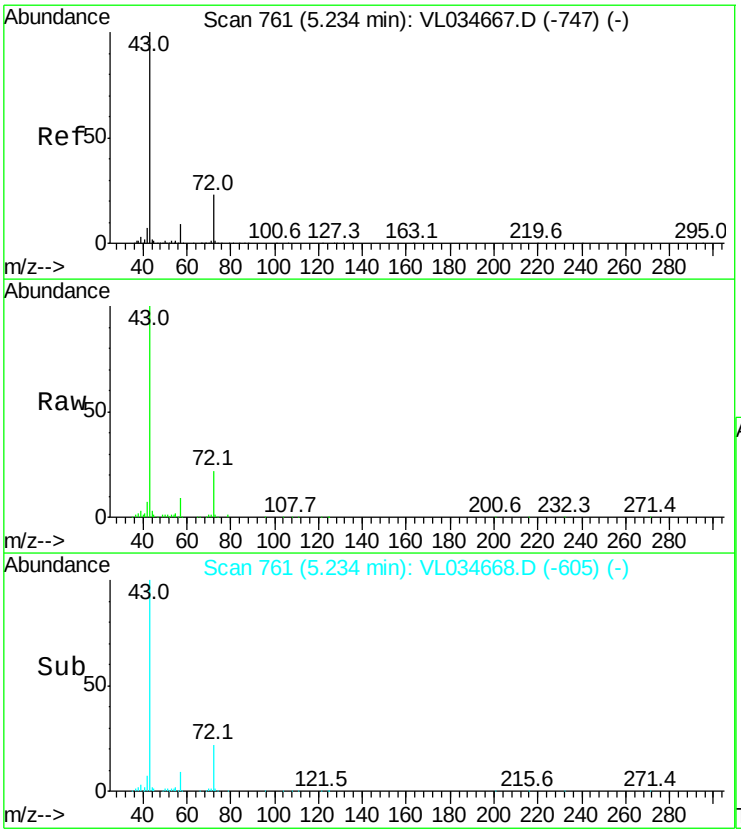
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:114 Resp: 2422560

Ion	Ratio	Lower	Upper
114	100		
63	28.8	23.1	34.7
88	19.6	15.6	23.4

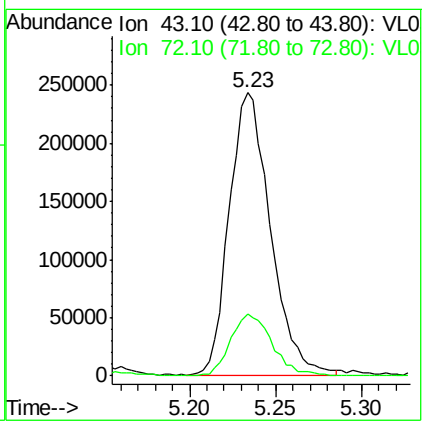


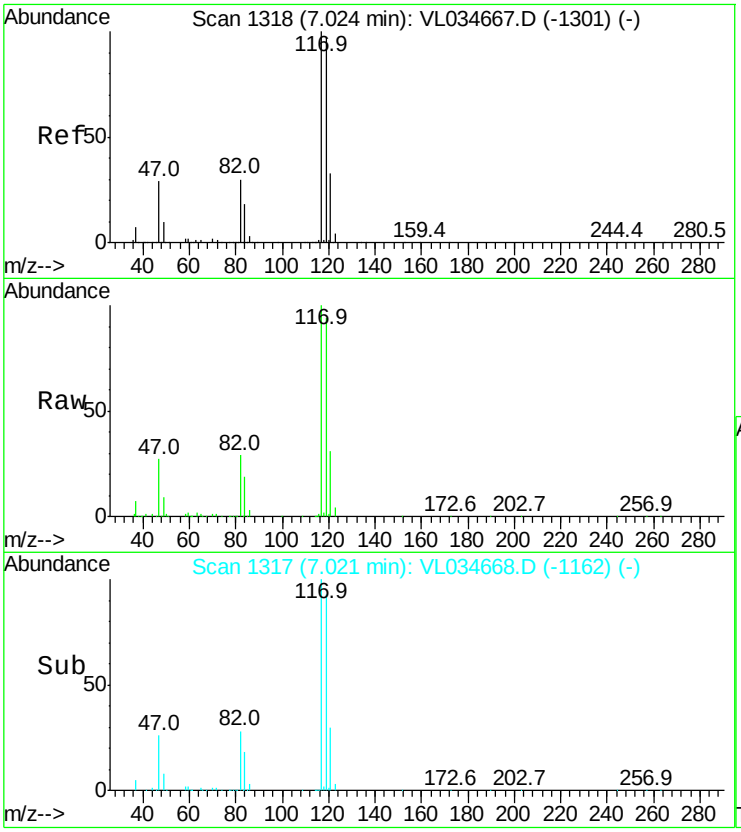


#34
2-Butanone
Concen: 2.301 ppbv
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Tgt Ion: 43 Resp: 404829

Ion	Ratio	Lower	Upper
43	100		
72	22.5	17.8	26.8



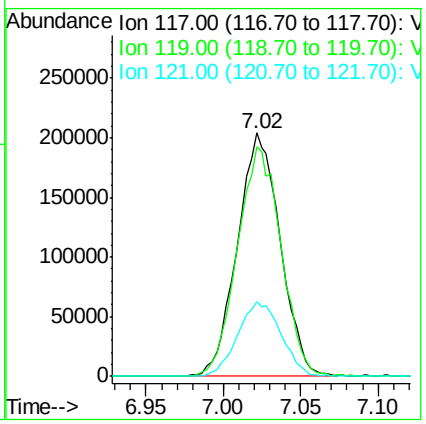


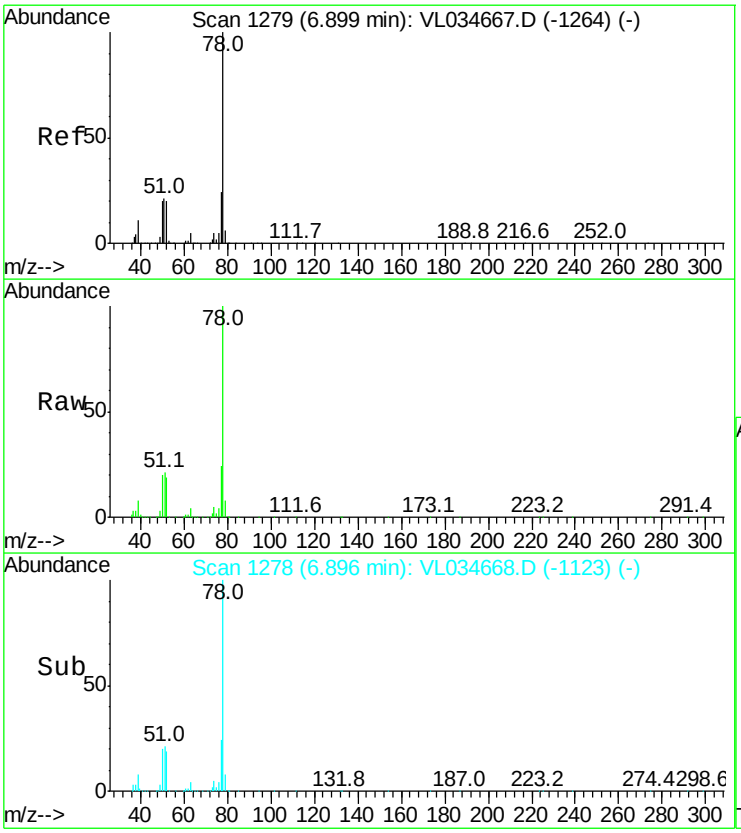
#35
Carbon Tetrachloride
Concen: 1.694 ppbv
RT: 7.02 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:117 Resp: 392337

Ion	Ratio	Lower	Upper
117	100		
119	94.1	77.2	115.8
121	30.5	26.1	39.1

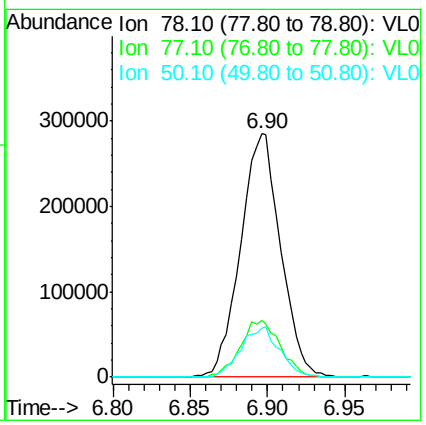


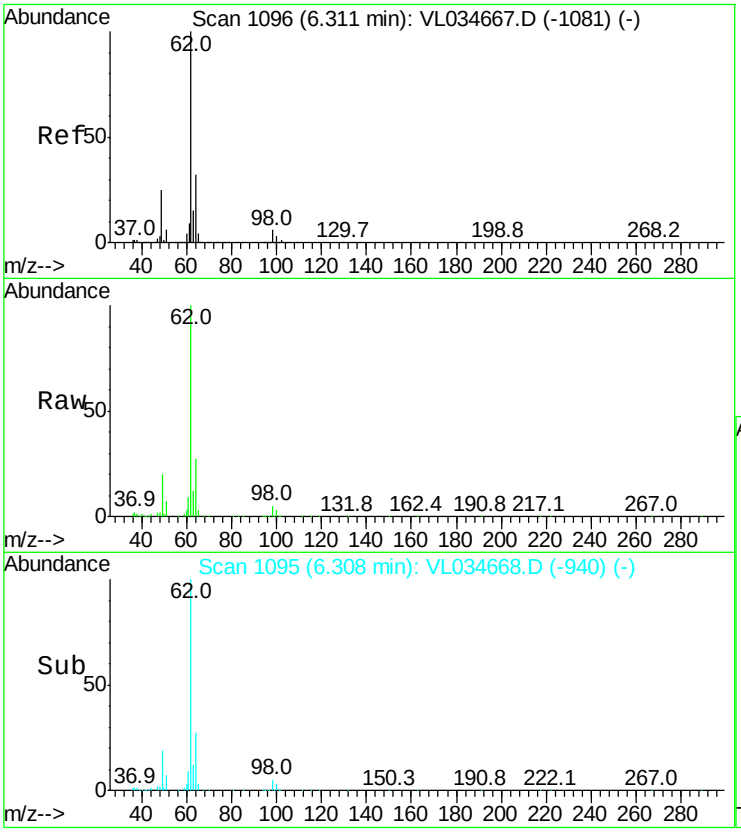


#36
Benzene
Concen: 2.379 ppbv
RT: 6.90 min Scan# 1278
Delta R.T. -0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Tgt Ion: 78 Resp: 512618

Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.2	28.8
50	19.9	15.9	23.9

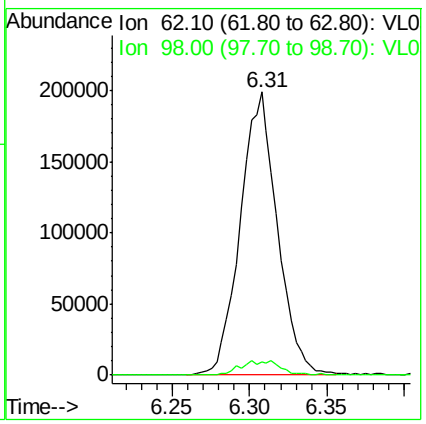




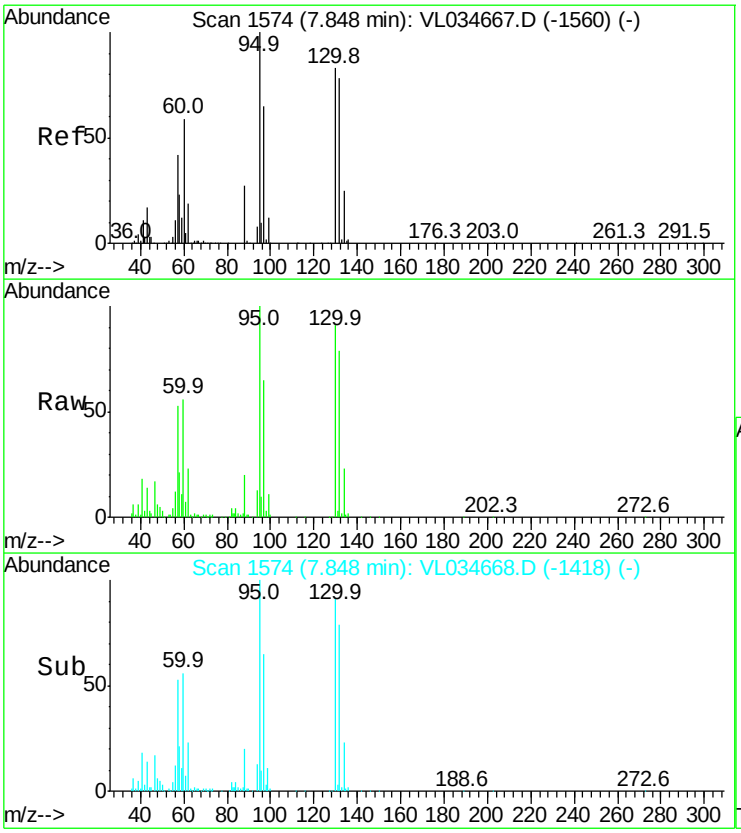
#37
1,2-Dichloroethane
Concen: 1.850 ppbv
RT: 6.31 min Scan# 1095
Delta R.T. -0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Tgt Ion: 62 Resp: 332451

Ion	Ratio	Lower	Upper
62	100		
98	5.5	4.5	6.7



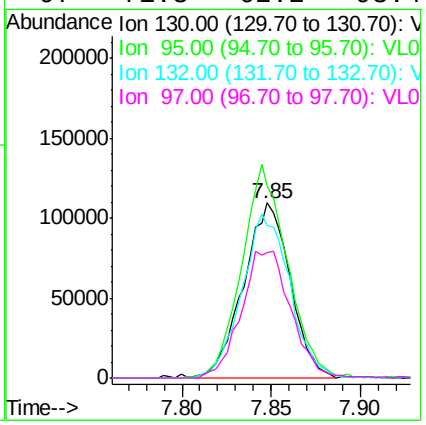
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

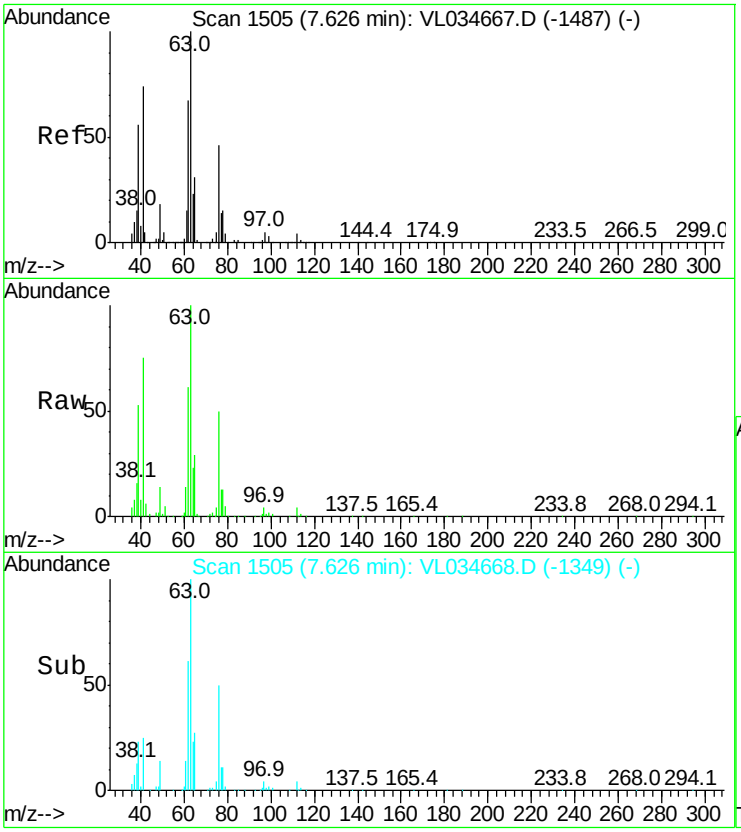


#38
Trichloroethene
Concen: 2.213 ppbv
RT: 7.85 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Tgt Ion:130 Resp: 201004

Ion	Ratio	Lower	Upper
130	100		
95	108.9	96.1	144.1
132	88.6	74.6	112.0
97	71.3	62.2	93.4



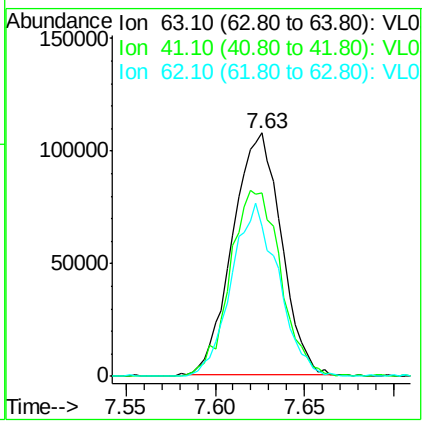


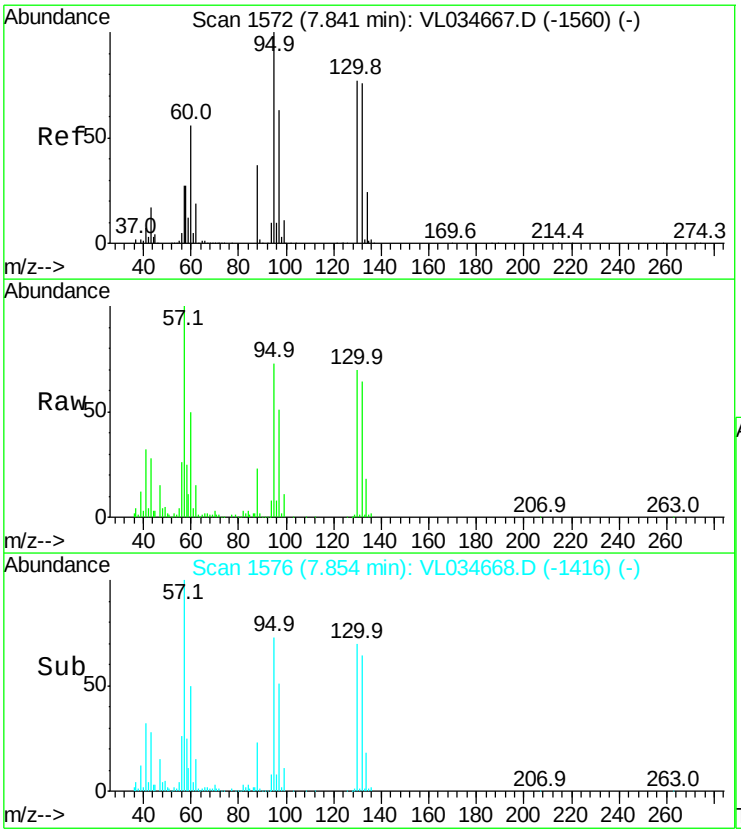
#39
1,2-Dichloropropane
Concen: 2.292 ppbv
RT: 7.63 min Scan# 1505
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 63 Resp: 204739

Ion	Ratio	Lower	Upper
63	100		
41	75.4	58.9	88.3
62	61.7	53.8	80.8

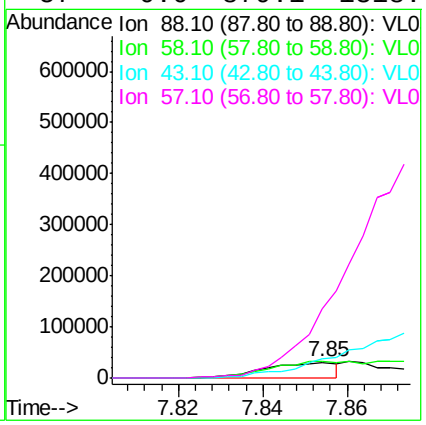


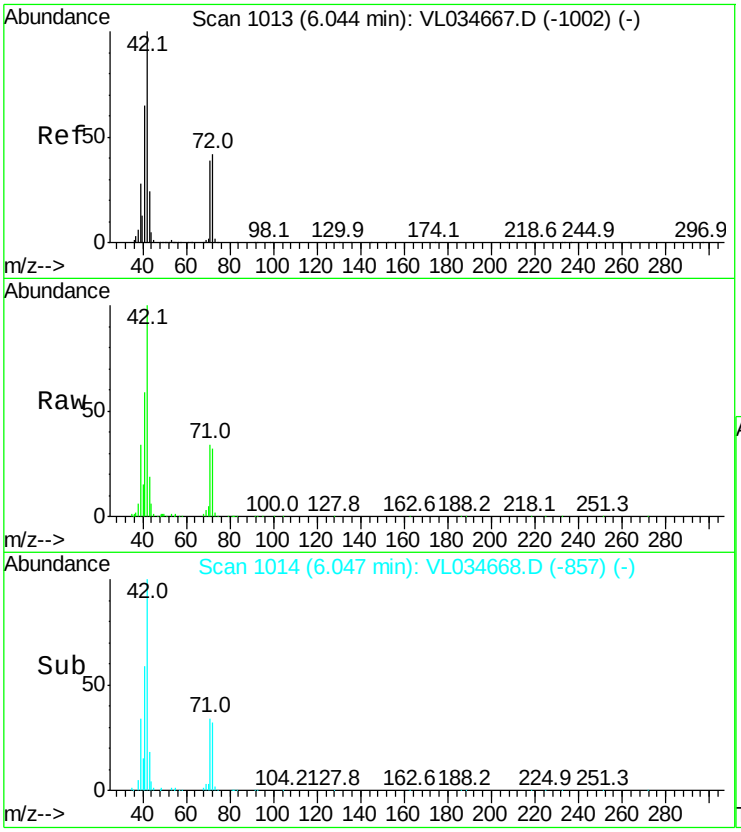


#40
1,4-Dioxane
Concen: 1.034 ppbv
RT: 7.85 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Tgt Ion: 88 Resp: 35500

Ion	Ratio	Lower	Upper
88	100		
58	0.0	108.6	163.0#
43	0.0	208.1	312.1#
57	0.0	879.1	1318.7#



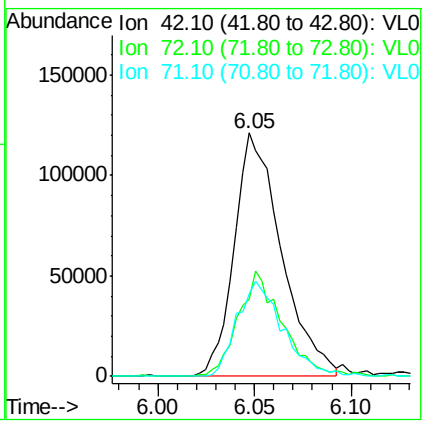


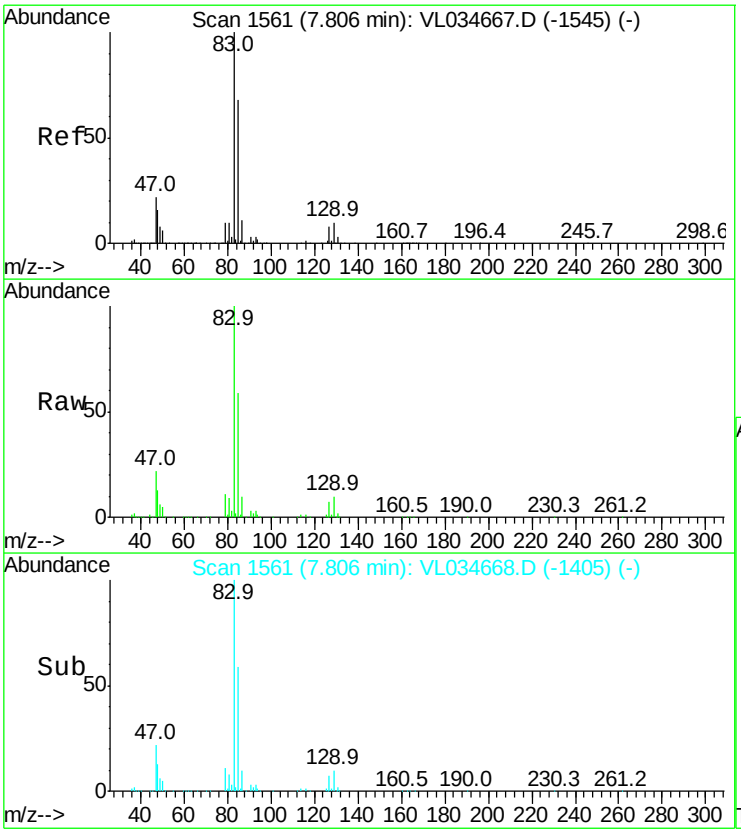
#41
Tetrahydrofuran
Concen: 2.243 ppbv
RT: 6.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 42 Resp: 205859

Ion	Ratio	Lower	Upper
42	100		
72	40.9	31.5	47.3
71	38.5	30.3	45.5

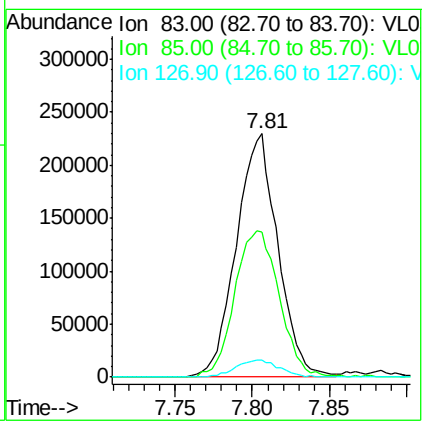


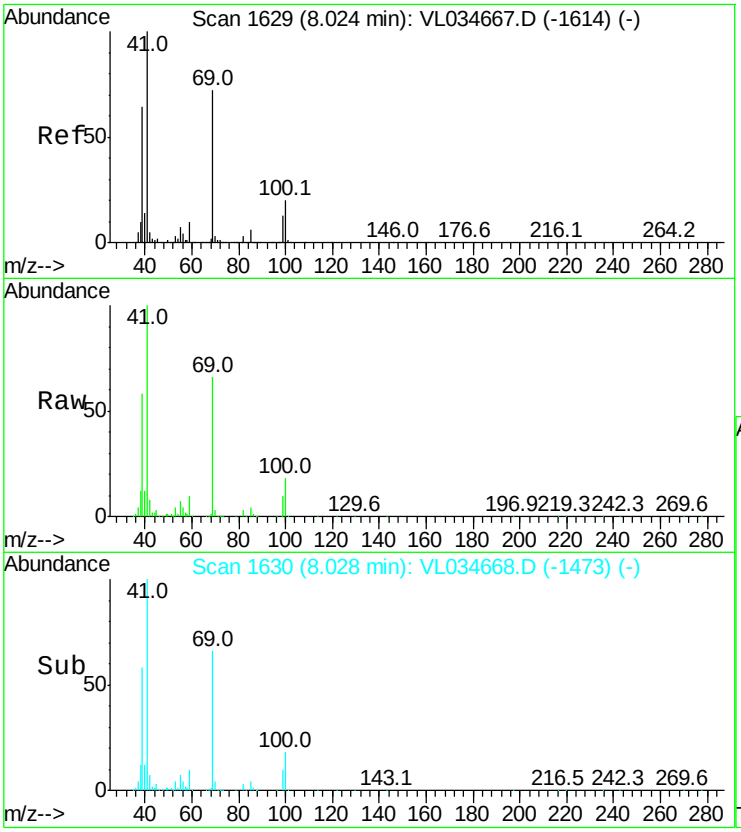


#42
Bromodichloromethane
Concen: 1.933 ppbv
RT: 7.81 min Scan# 1561
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Tgt Ion: 83 Resp: 427709

Ion	Ratio	Lower	Upper
83	100		
85	59.2	54.2	81.4
127	7.1	6.2	9.4



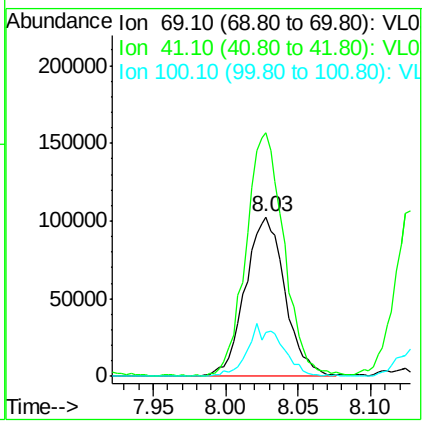


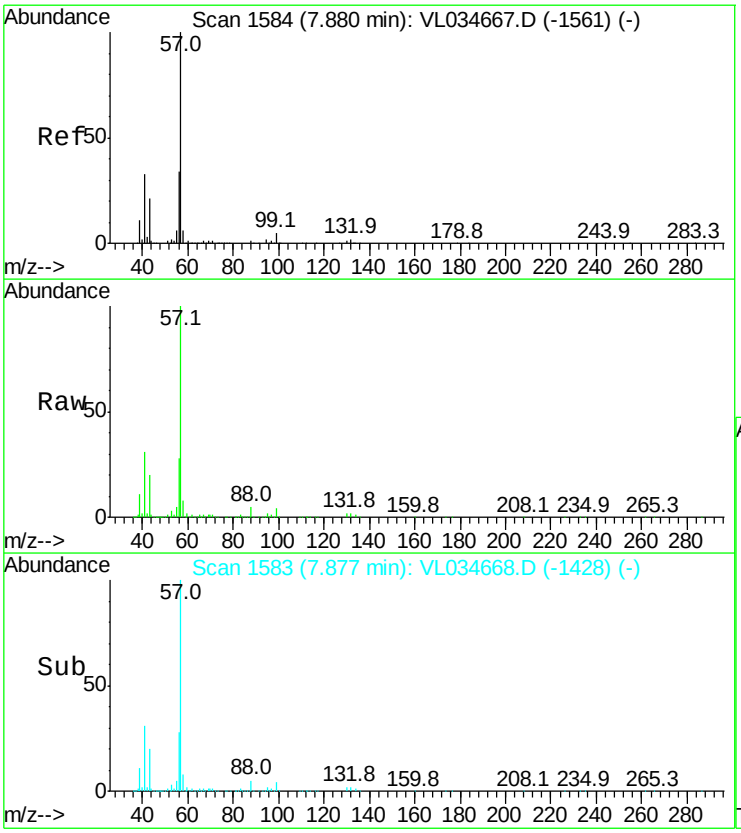
#43
Methyl Methacrylate
Concen: 2.258 ppbv
RT: 8.03 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 69 Resp: 195613

Ion	Ratio	Lower	Upper
69	100		
41	146.8	116.4	174.6
100	28.7	24.3	36.5

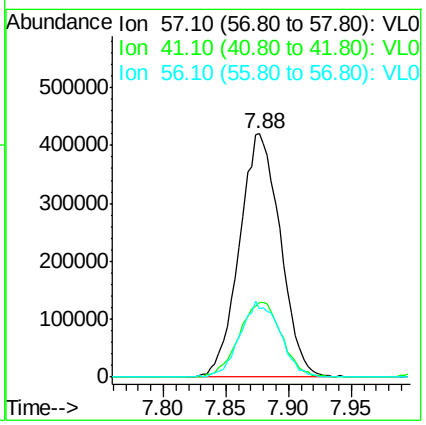


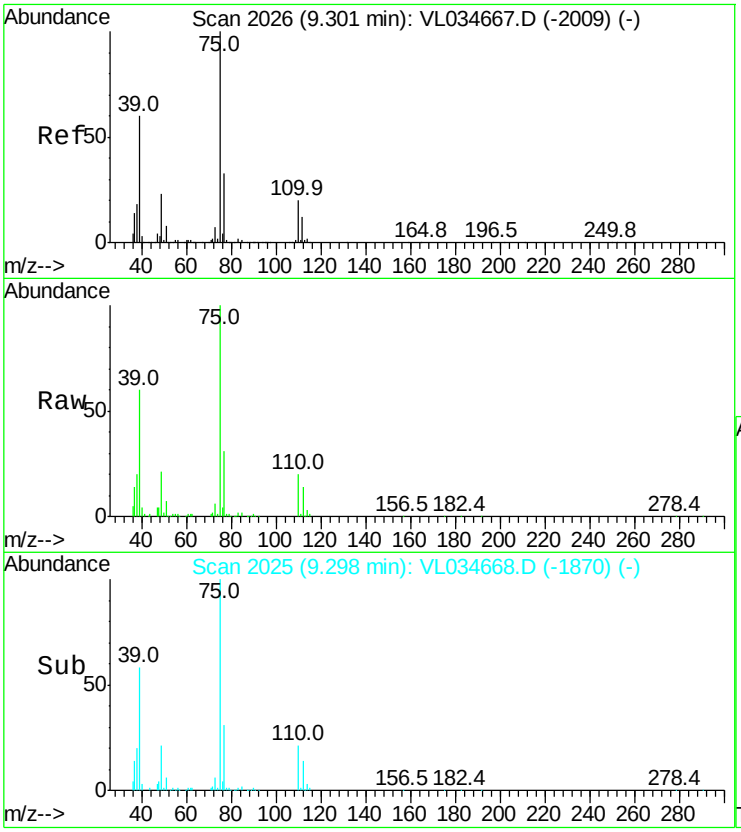


#44
2,2,4-Trimethylpentane
Concen: 2.441 ppbv
RT: 7.88 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Tgt Ion: 57 Resp: 954131

Ion	Ratio	Lower	Upper
57	100		
41	32.2	26.1	39.1
56	30.2	25.4	38.2



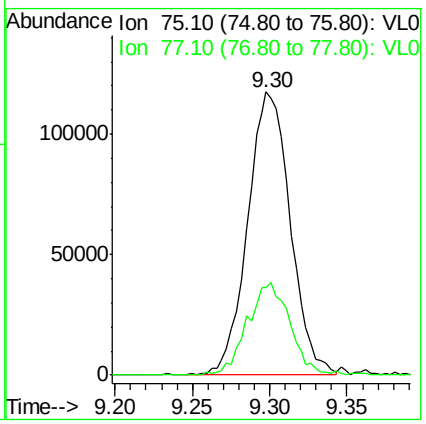


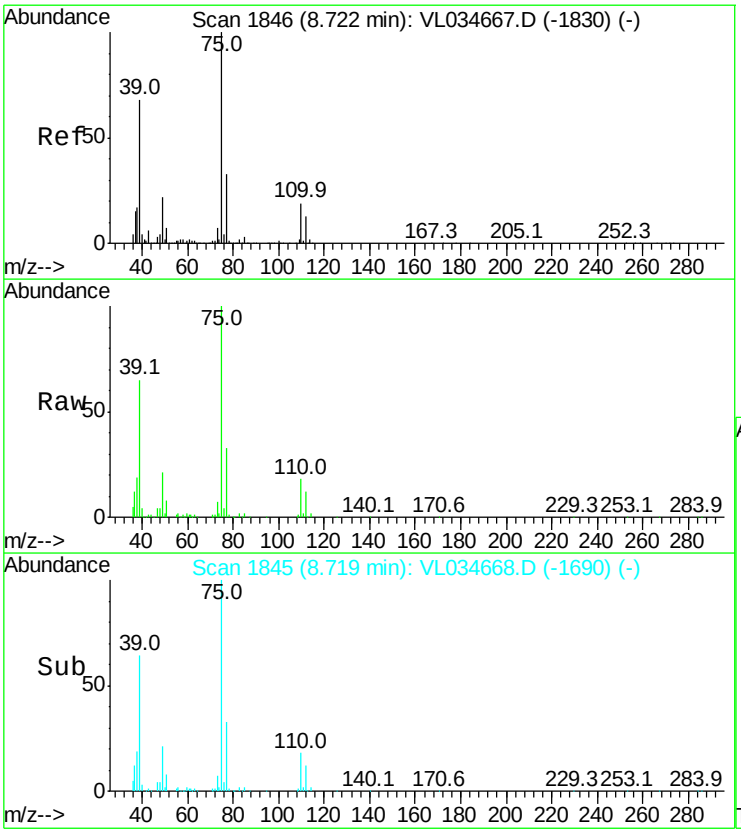
#45
t-1,3-Dichloropropene
Concen: 1.985 ppbv
RT: 9.30 min Scan# 2025
Delta R.T. -0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 75 Resp: 225181

Ion	Ratio	Lower	Upper
75	100		
77	31.2	26.3	39.5

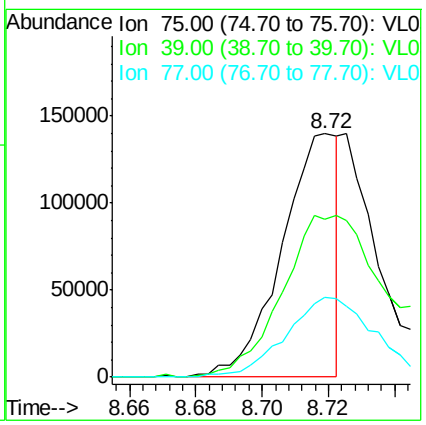


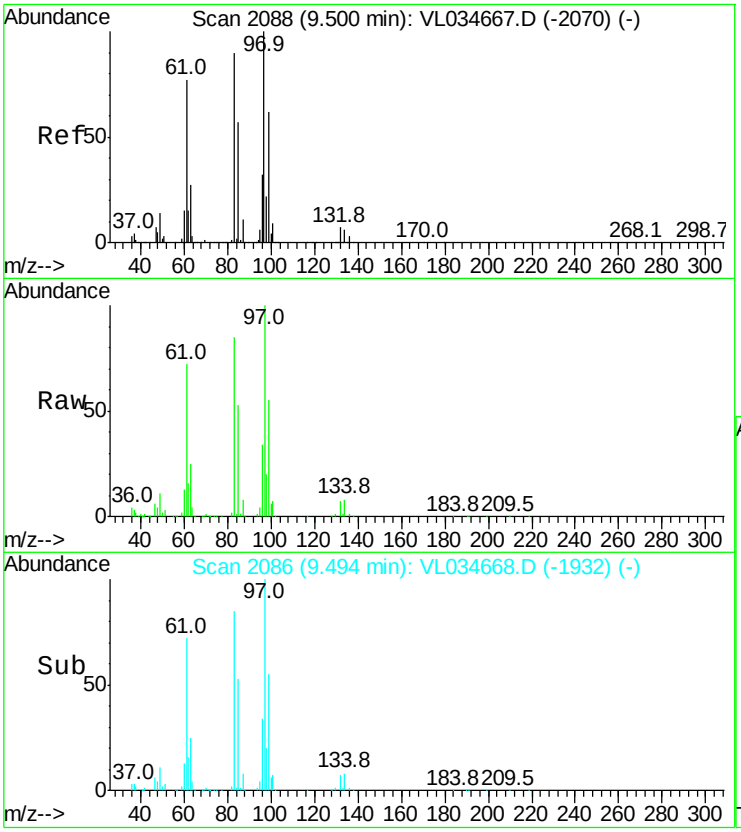


#46
cis-1,3-Dichloropropene
Concen: 1.272 ppbv
RT: 8.72 min Scan# 1845
Delta R.T. -0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Tgt Ion: 75 Resp: 164022

Ion	Ratio	Lower	Upper
75	100		
39	64.5	54.7	82.1
77	32.8	26.6	40.0



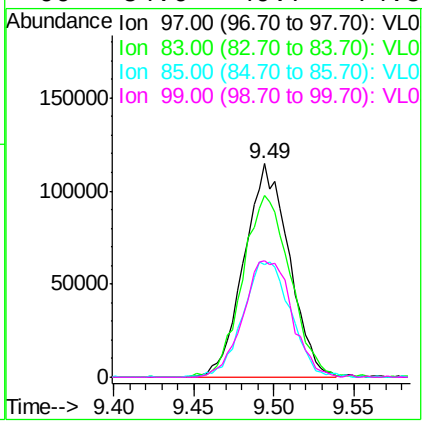


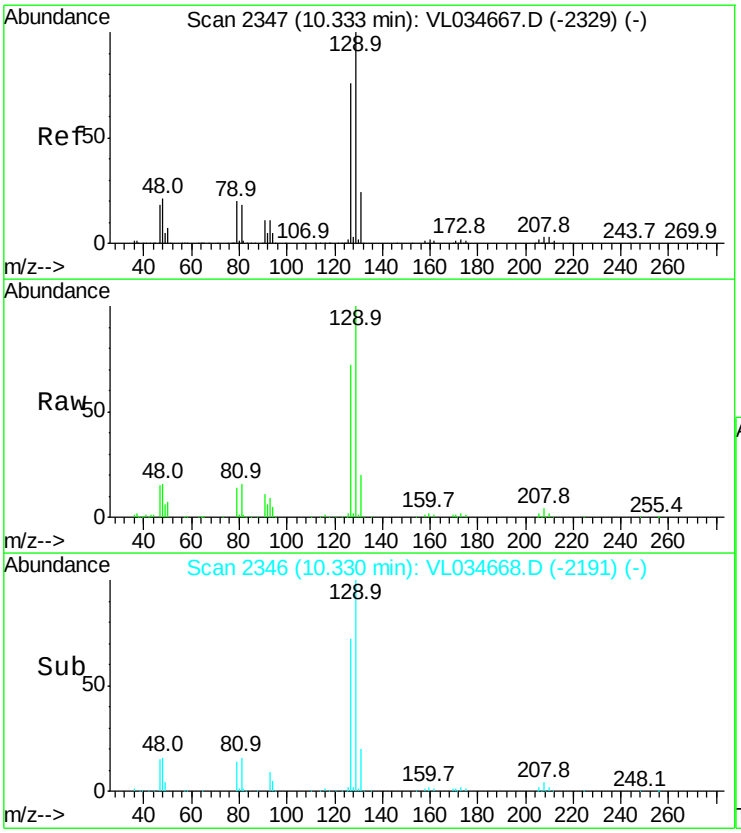
#47
1,1,2-Trichloroethane
Concen: 2.284 ppbv
RT: 9.49 min Scan# 2086
Delta R.T. -0.01 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 97 Resp: 220962

Ion	Ratio	Lower	Upper
97	100		
83	85.0	72.3	108.5
85	52.4	45.8	68.8
99	54.6	49.7	74.5

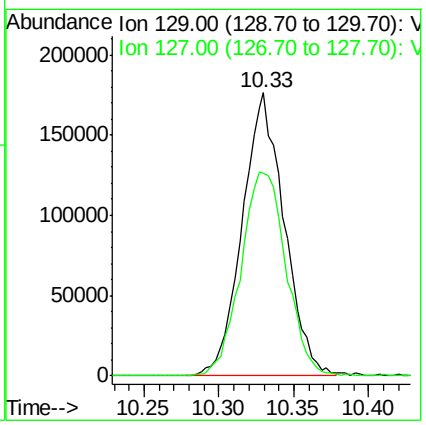


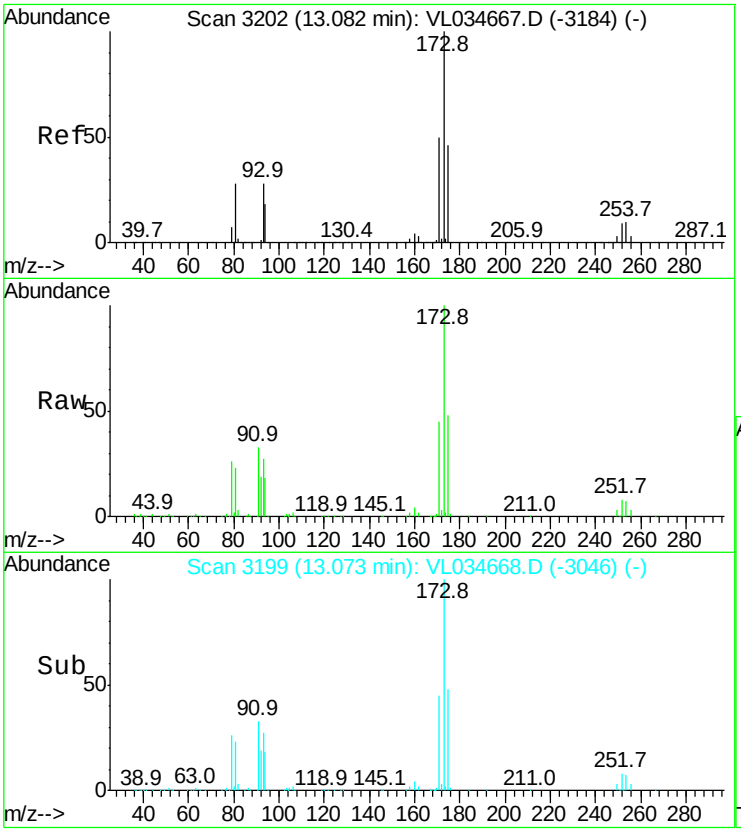


#48
Dibromochloromethane
Concen: 1.938 ppbv
RT: 10.33 min Scan# 2346
Delta R.T. -0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Tgt Ion:129 Resp: 343496

Ion	Ratio	Lower	Upper
129	100		
127	77.8	39.1	117.3



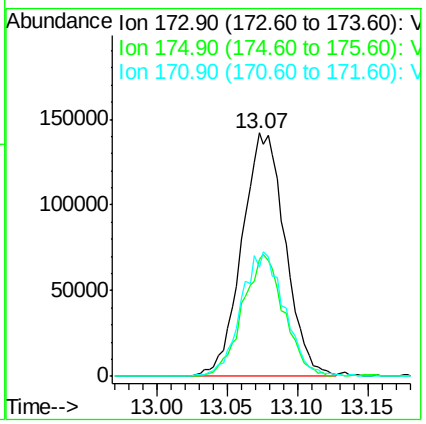


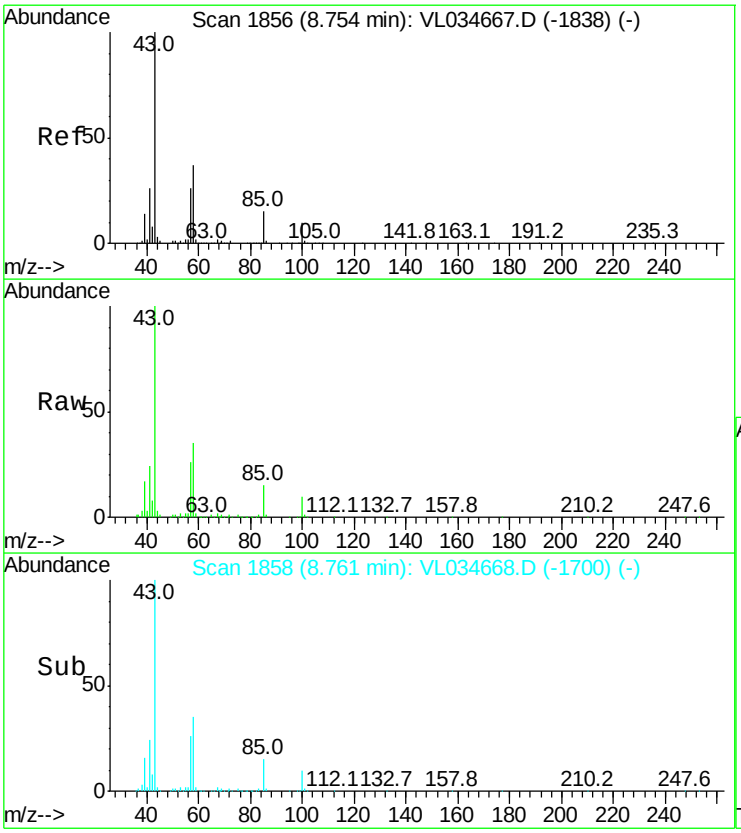
#49
Bromoform
Concen: 1.961 ppbv
RT: 13.07 min Scan# 3199
Delta R.T. -0.01 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:173 Resp: 305210

Ion	Ratio	Lower	Upper
173	100		
175	48.1	39.0	58.4
171	51.8	41.0	61.6

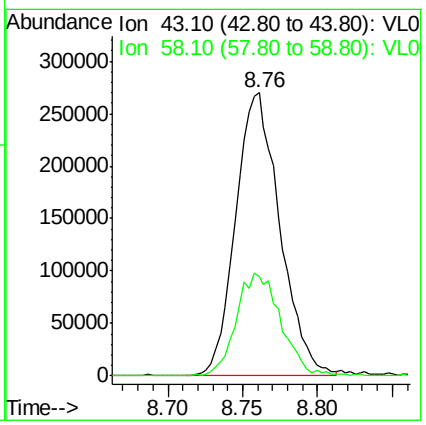


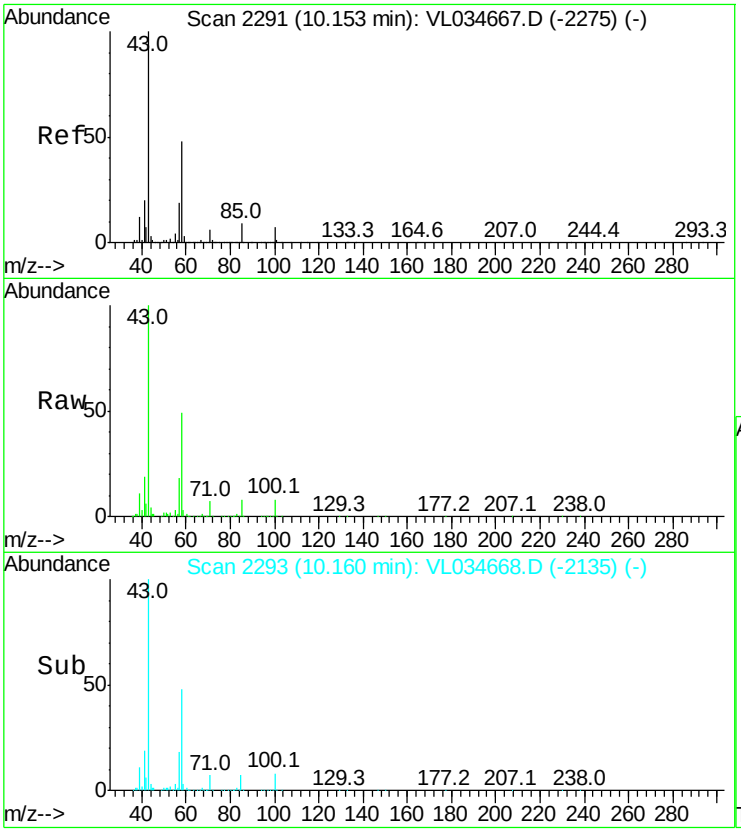


#50
4-Methyl-2-Pentanone
Concen: 2.217 ppbv
RT: 8.76 min Scan# 1858
Delta R.T. 0.01 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Tgt Ion: 43 Resp: 556109

Ion	Ratio	Lower	Upper
43	100		
58	36.6	29.5	44.3



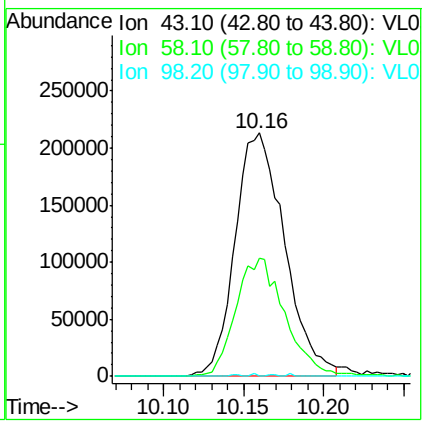


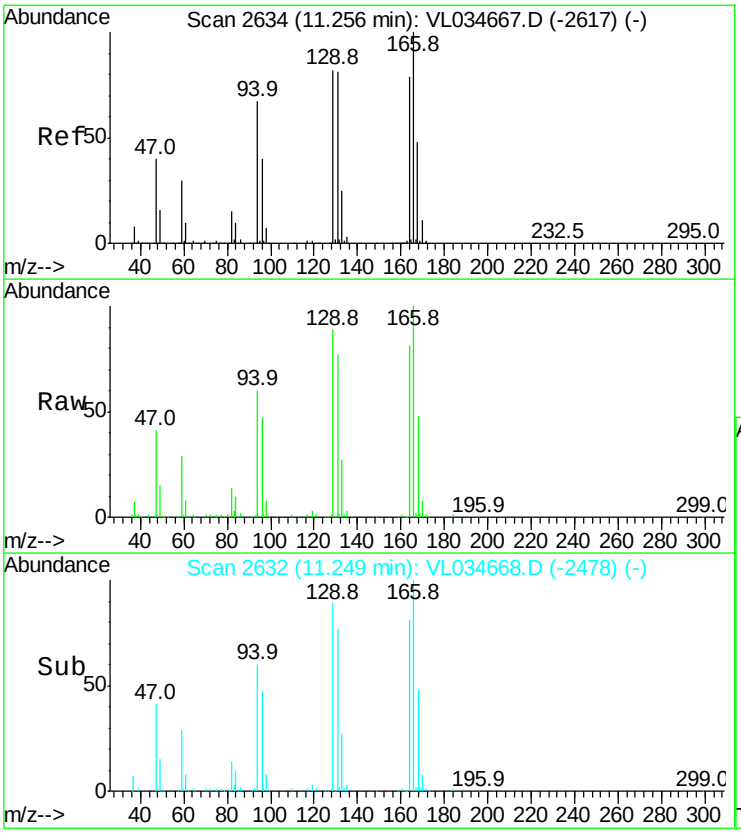
#51
2-Hexanone
Concen: 2.285 ppbv
RT: 10.16 min Scan# 2293
Delta R.T. 0.01 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 451166

Ion	Ratio	Lower	Upper
43	100		
58	49.0	38.8	58.2
98	0.8	0.3	0.5#

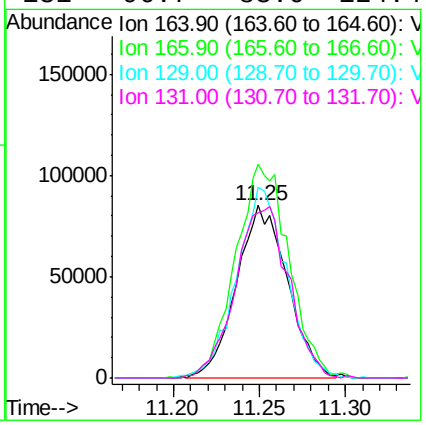


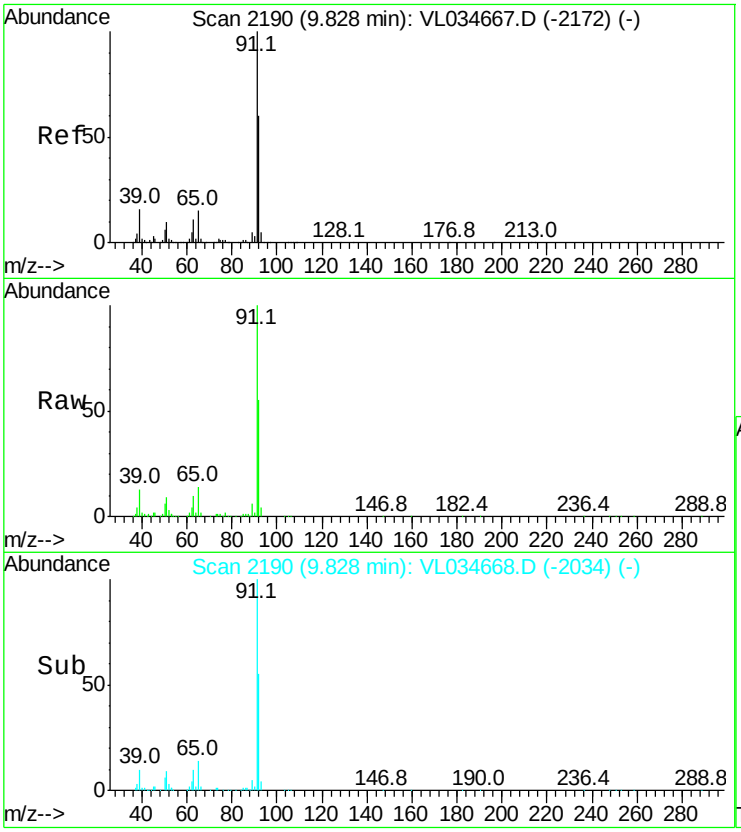


#52
Tetrachloroethene
Concen: 2.026 ppbv
RT: 11.25 min Scan# 2632
Delta R.T. -0.01 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Tgt Ion:164 Resp: 175303

Ion	Ratio	Lower	Upper
164	100		
166	122.6	101.4	152.2
129	109.3	83.5	125.3
131	96.7	83.0	124.4



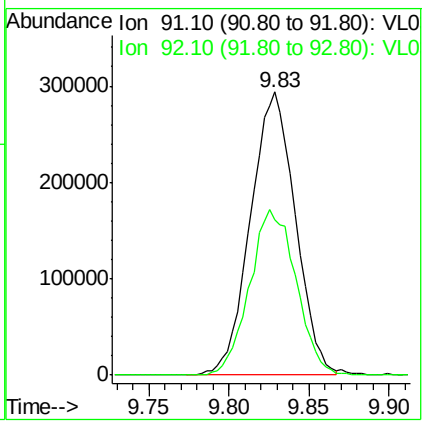


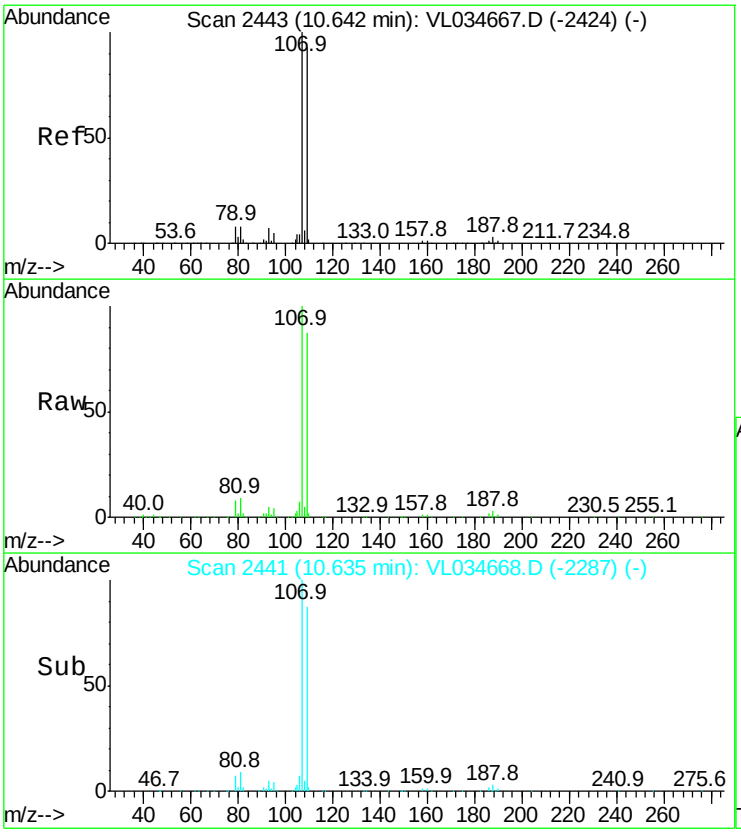
#53
Toluene
Concen: 2.392 ppbv
RT: 9.83 min Scan# 2190
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 91 Resp: 566212

Ion	Ratio	Lower	Upper
91	100		
92	60.7	48.2	72.2

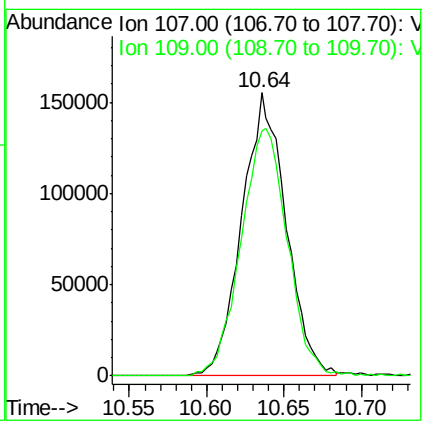


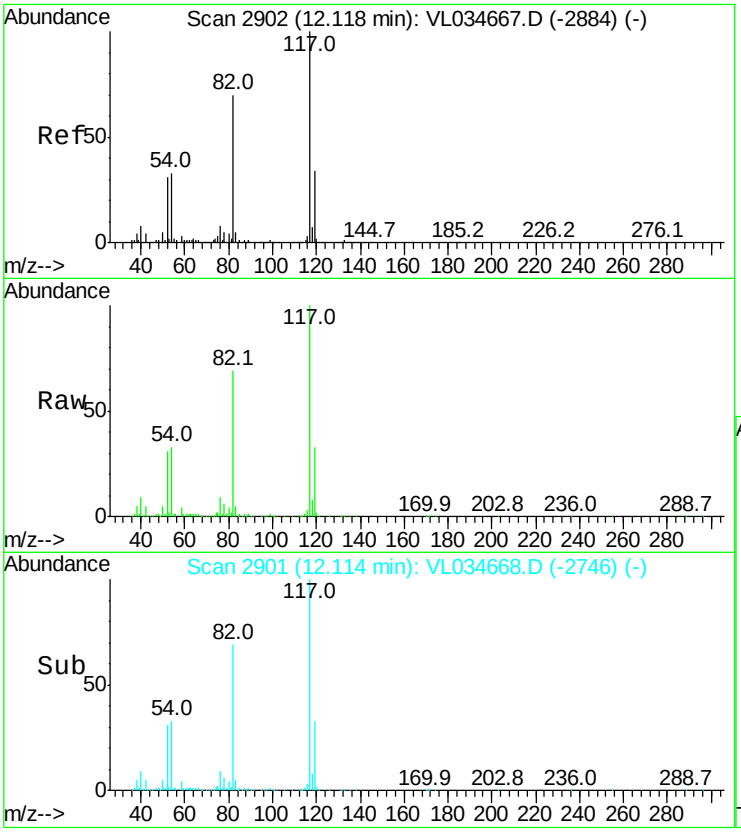


#54
1,2-Dibromoethane
Concen: 2.125 ppbv
RT: 10.64 min Scan# 2441
Delta R.T. -0.01 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Tgt Ion:107 Resp: 308065

Ion	Ratio	Lower	Upper
107	100		
109	86.5	74.2	111.4



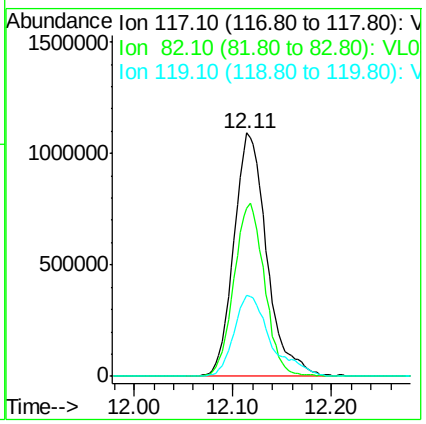


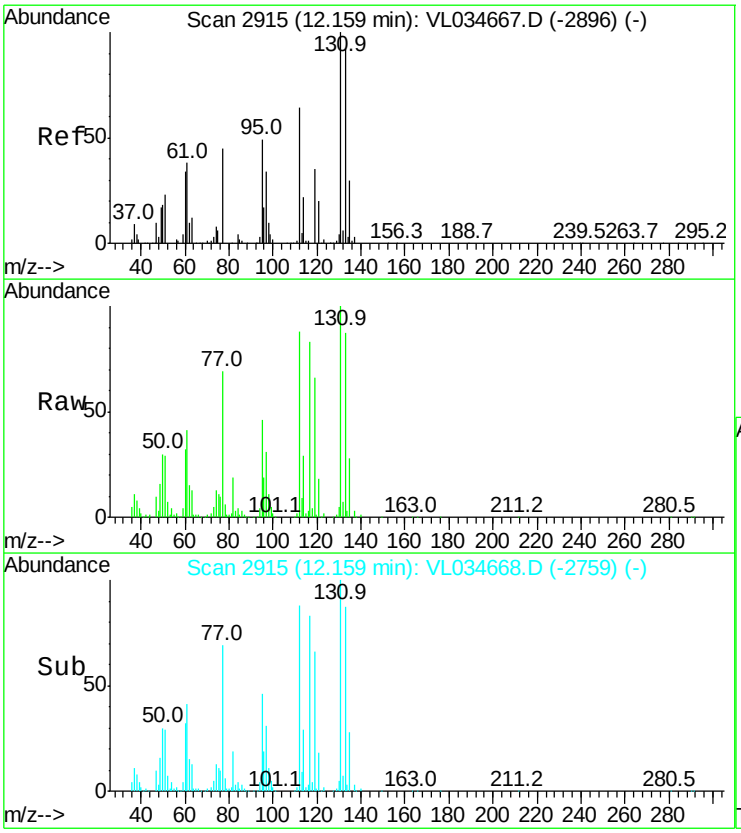
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. -0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:117 Resp: 2530057

Ion	Ratio	Lower	Upper
117	100		
82	66.3	54.2	81.4
119	37.1	44.2	66.2#

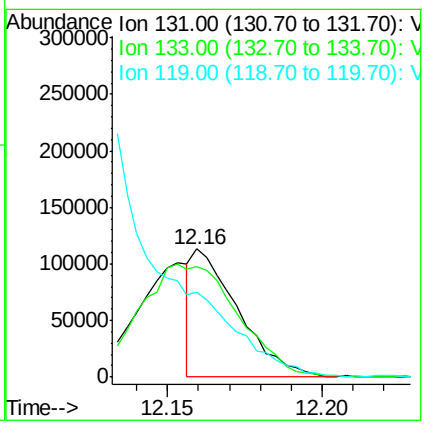


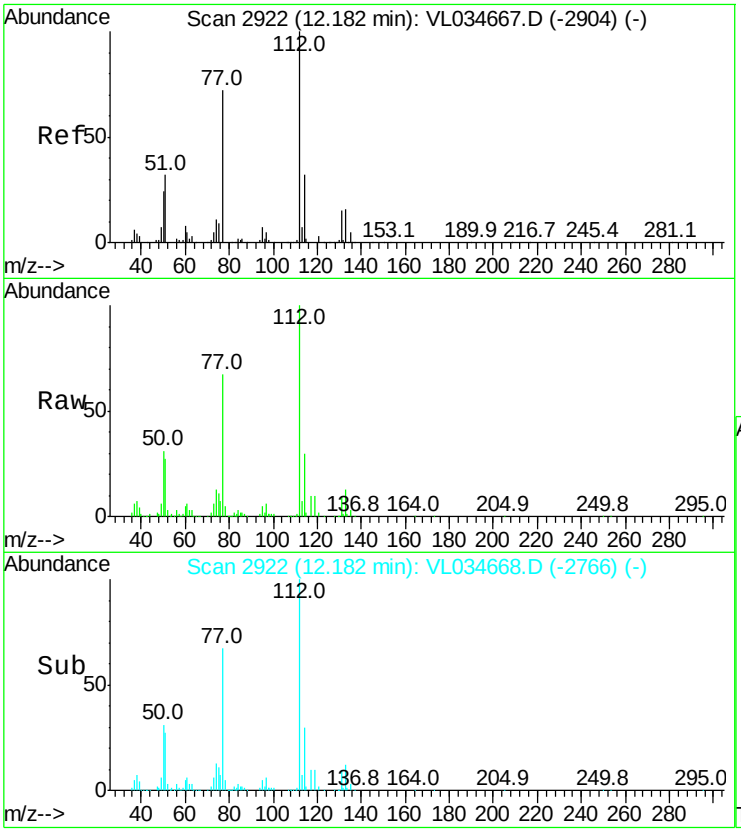


#56
1,1,1,2-Tetrachloroethane
Concen: 0.907 ppbv
RT: 12.16 min Scan# 2915
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Tgt Ion:131 Resp: 113237

Ion	Ratio	Lower	Upper
131	100		
133	0.0	77.0	115.4#
119	0.0	114.8	172.2#



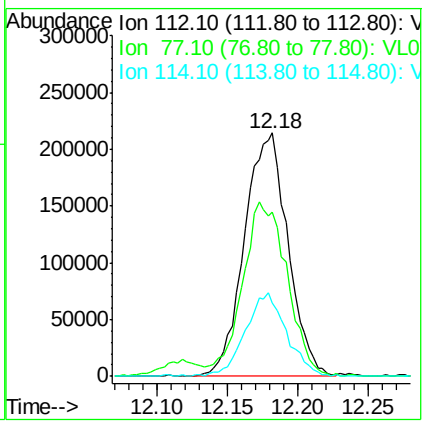


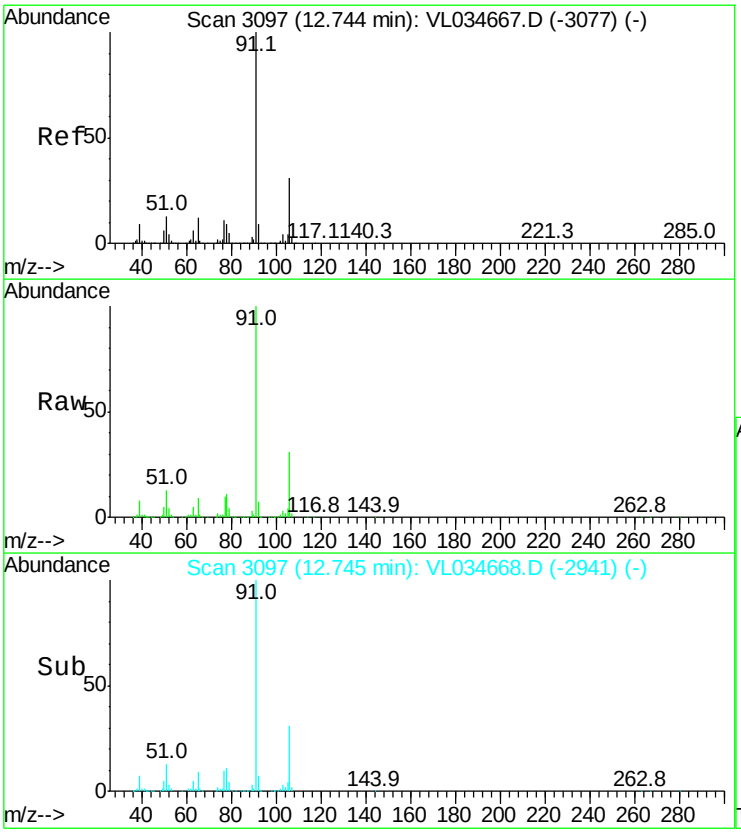
#57
Chlorobenzene
Concen: 2.222 ppbv
RT: 12.18 min Scan# 2922
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:112 Resp: 462650

Ion	Ratio	Lower	Upper
112	100		
77	66.2	58.9	88.3
114	29.8	29.1	35.5

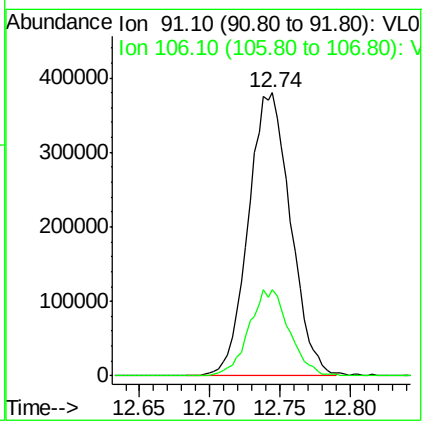


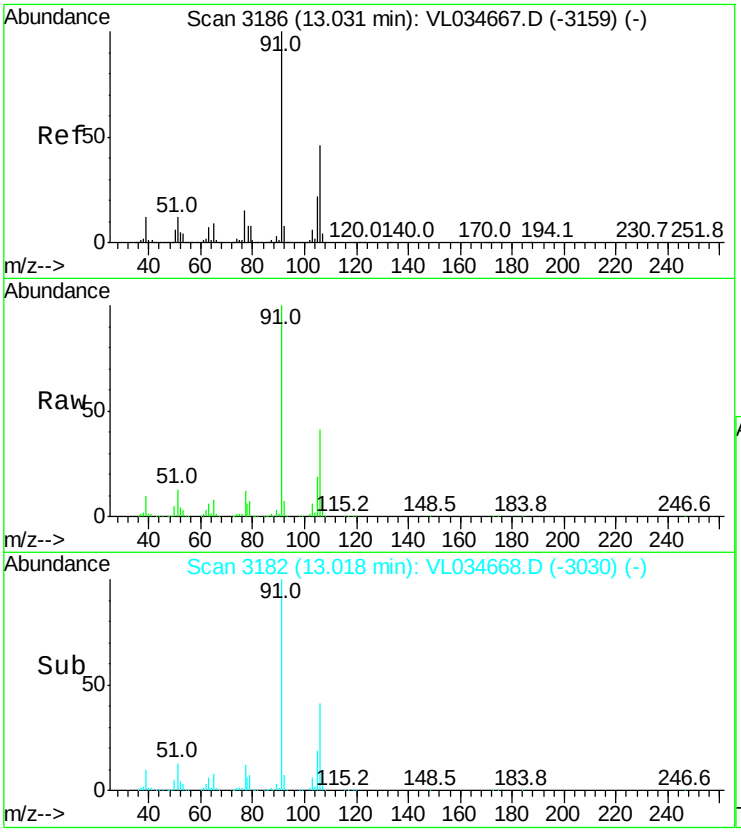


#58
Ethyl Benzene
Concen: 2.345 ppbv
RT: 12.74 min Scan# 3097
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Tgt Ion: 91 Resp: 793773

Ion	Ratio	Lower	Upper
91	100		
106	30.6	24.6	36.8



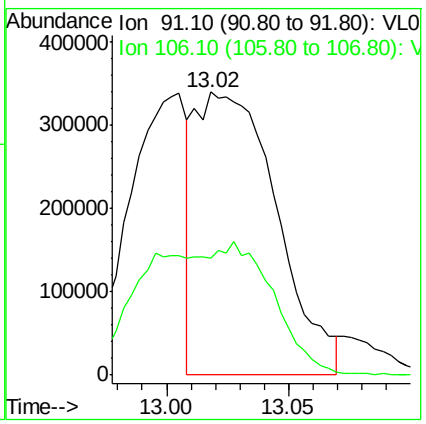


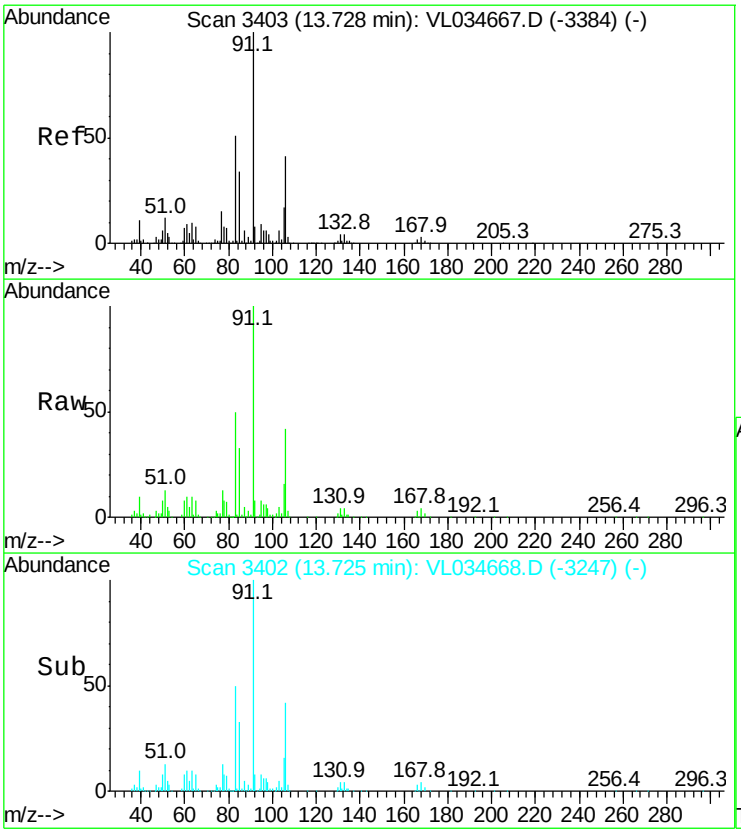
#59
m/p-Xylene
Concen: 2.616 ppbv
RT: 13.02 min Scan# 3182
Delta R.T. -0.01 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 91 Resp: 782888

Ion	Ratio	Lower	Upper
91	100		
106	75.5	35.9	53.9#

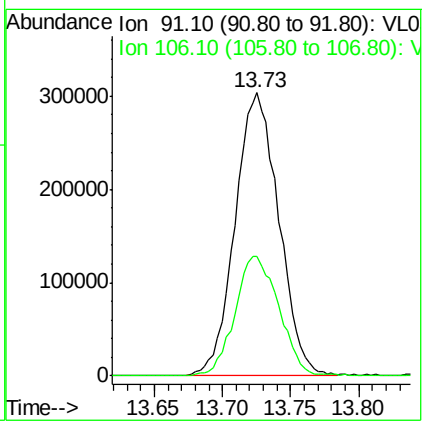


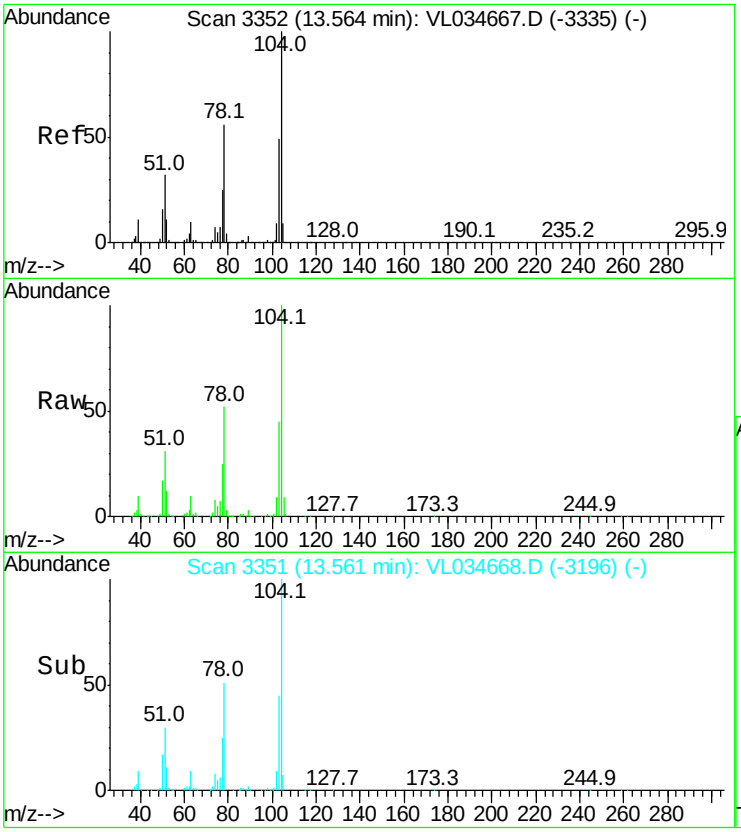


#60
o-Xylene
Concen: 2.234 ppbv
RT: 13.73 min Scan# 3402
Delta R.T. -0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Tgt Ion: 91 Resp: 671561

Ion	Ratio	Lower	Upper
91	100		
106	42.8	22.1	66.1



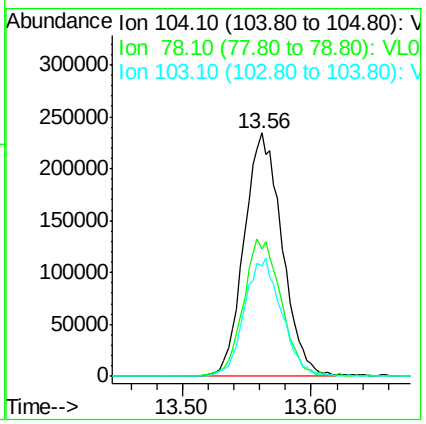


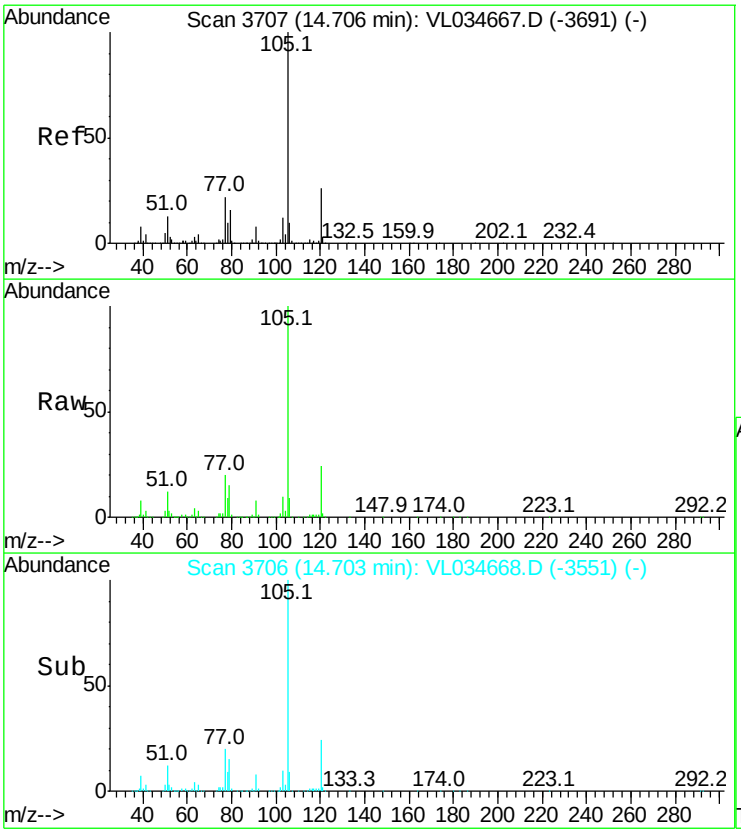
#61
Styrene
Concen: 2.396 ppbv
RT: 13.56 min Scan# 3351
Delta R.T. -0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:104 Resp: 480244

Ion	Ratio	Lower	Upper
104	100		
78	56.3	44.9	67.3
103	47.9	38.5	57.7

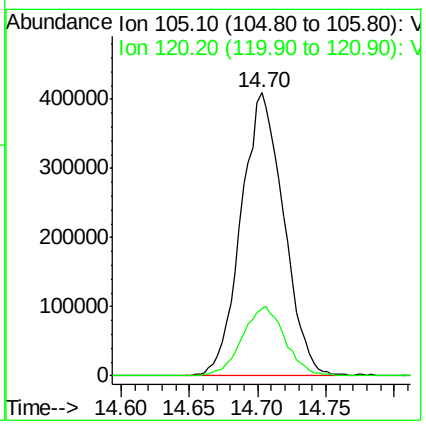


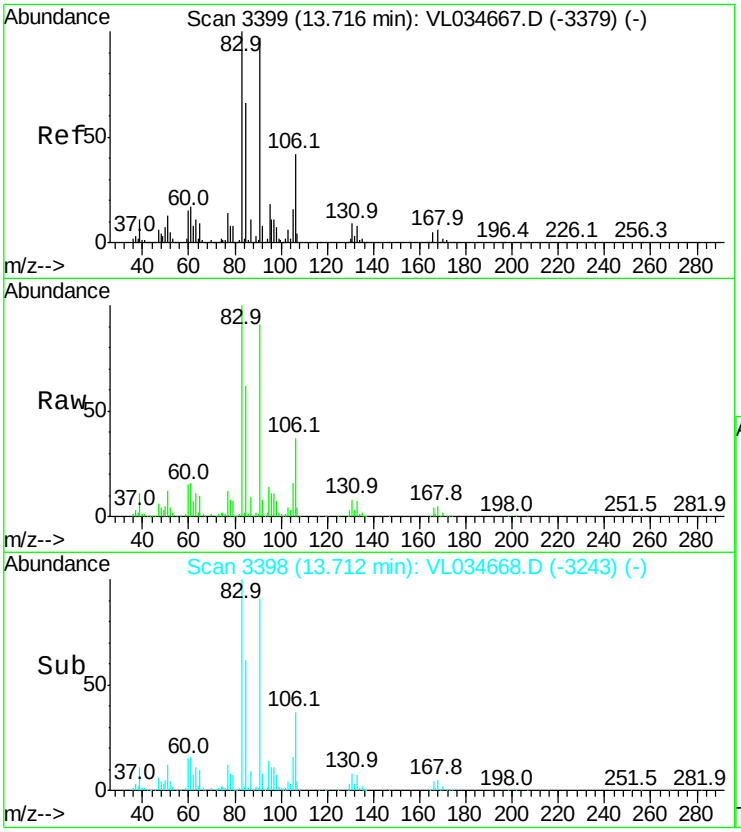


#62
Isopropylbenzene
Concen: 2.273 ppbv
RT: 14.70 min Scan# 3706
Delta R.T. -0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Tgt Ion:105 Resp: 885391

Ion	Ratio	Lower	Upper
105	100		
120	24.6	20.7	31.1



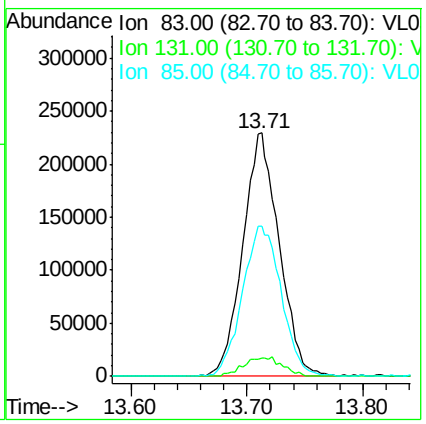


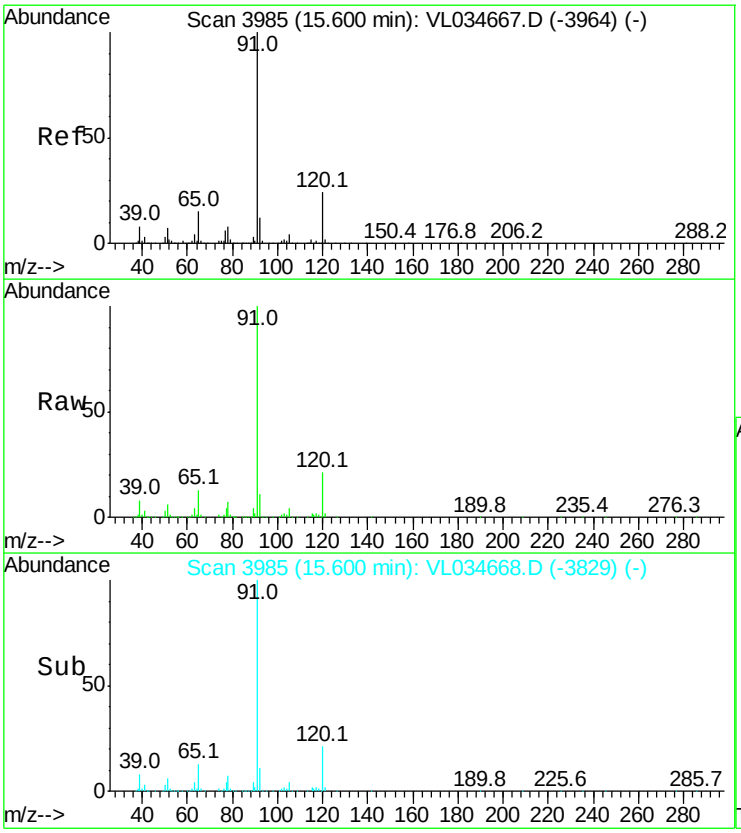
#63
1,1,2,2-Tetrachloroethane
Concen: 2.155 ppbv
RT: 13.71 min Scan# 3398
Delta R.T. -0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 83 Resp: 500966

Ion	Ratio	Lower	Upper
83	100		
131	8.7	4.5	13.4
85	65.9	32.6	98.0

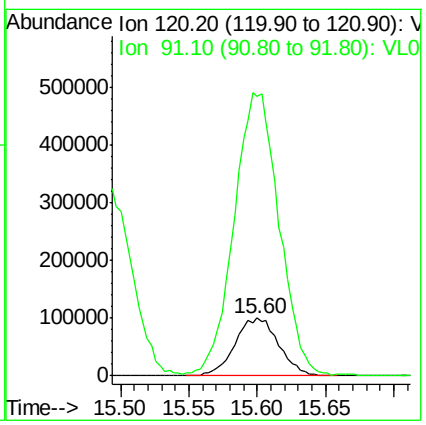


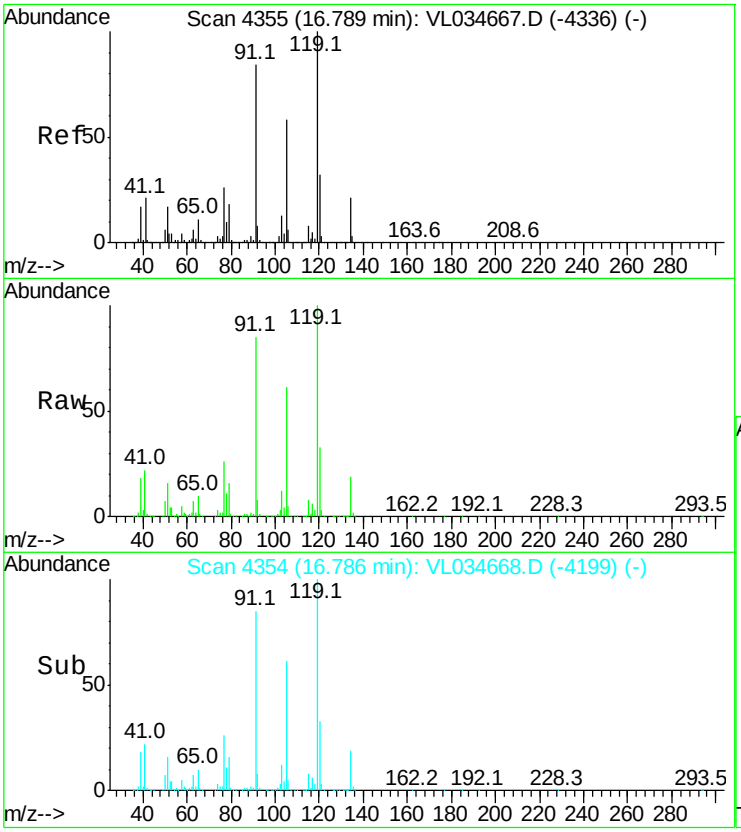


#64
n-propylbenzene
Concen: 2.224 ppbv
RT: 15.60 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Tgt Ion:120 Resp: 222889

Ion	Ratio	Lower	Upper
120	100		
91	508.7	375.9	563.9



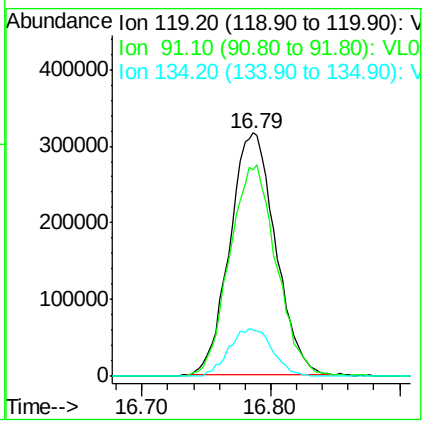


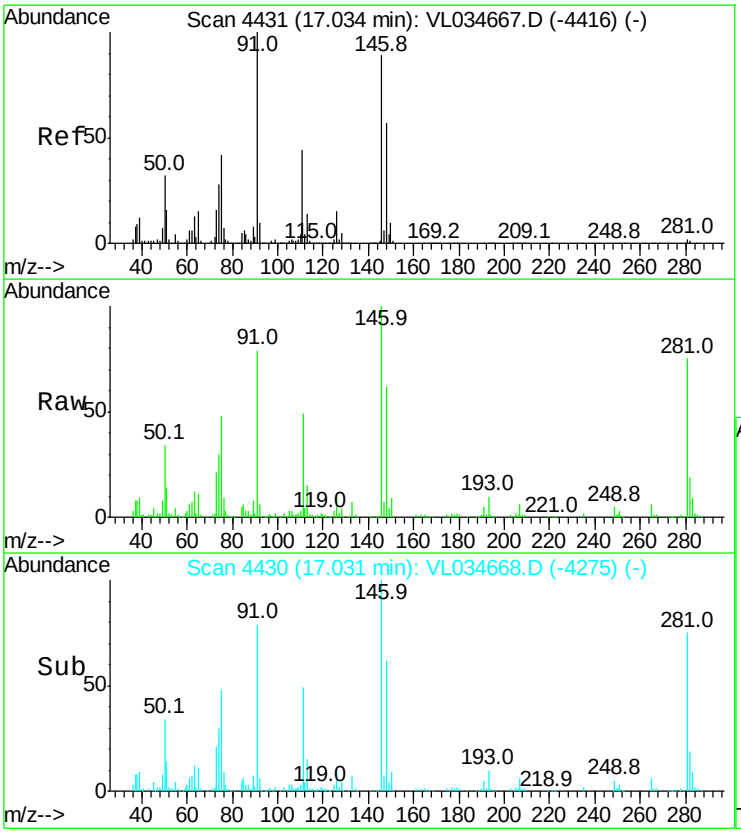
#65
tert-Butylbenzene
Concen: 2.202 ppbv
RT: 16.79 min Scan# 4354
Delta R.T. -0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:119 Resp: 776937

Ion	Ratio	Lower	Upper
119	100		
91	90.0	68.9	103.3
134	18.9	15.6	23.4

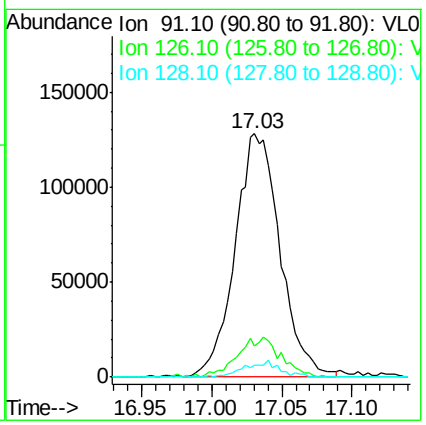


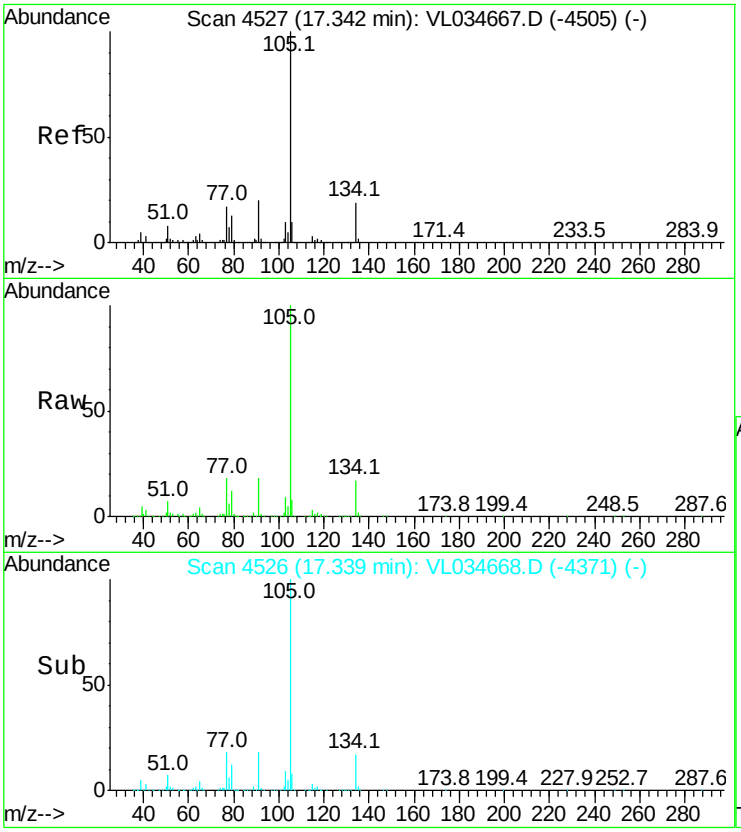


#66
Benzyl Chloride
Concen: 1.919 ppbv
RT: 17.03 min Scan# 4430
Delta R.T. -0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Tgt Ion: 91 Resp: 283929

Ion	Ratio	Lower	Upper
91	100		
126	16.4	13.3	19.9
128	5.4	4.2	6.2



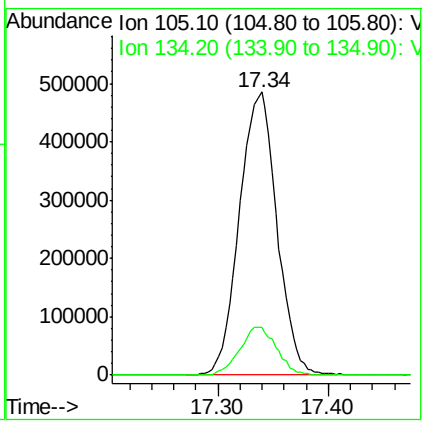


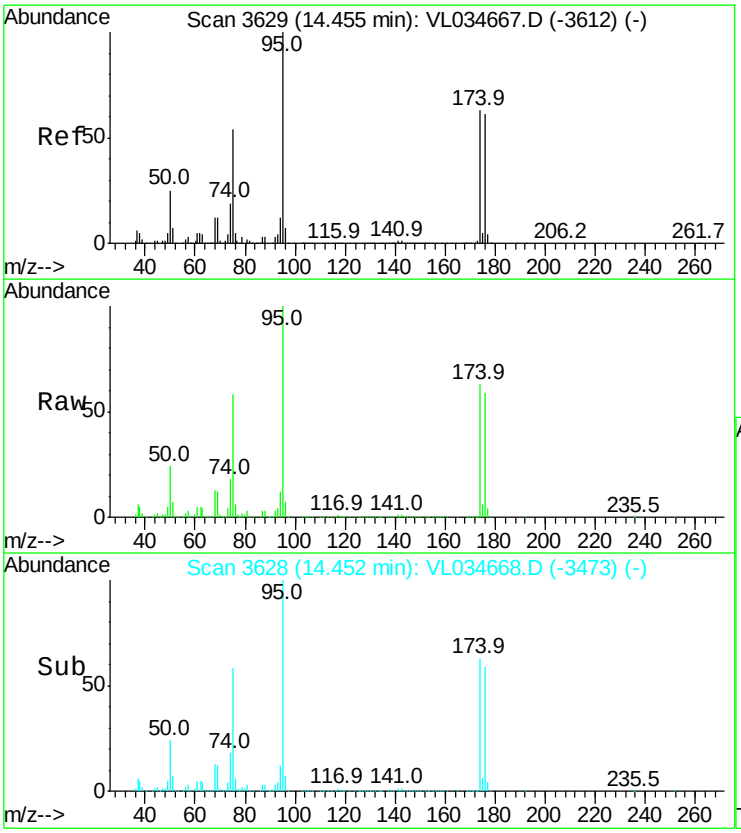
#67
sec-Butylbenzene
Concen: 2.359 ppbv
RT: 17.34 min Scan# 4526
Delta R.T. -0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:105 Resp: 1143816

Ion	Ratio	Lower	Upper
105	100		
134	16.7	14.6	21.8

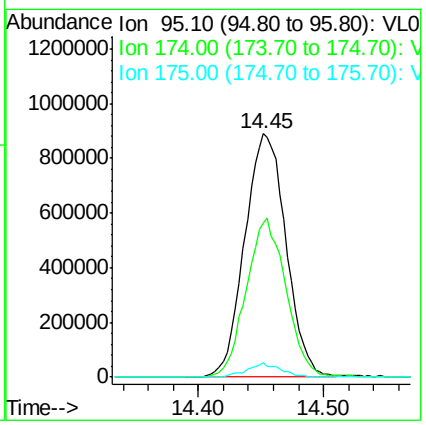


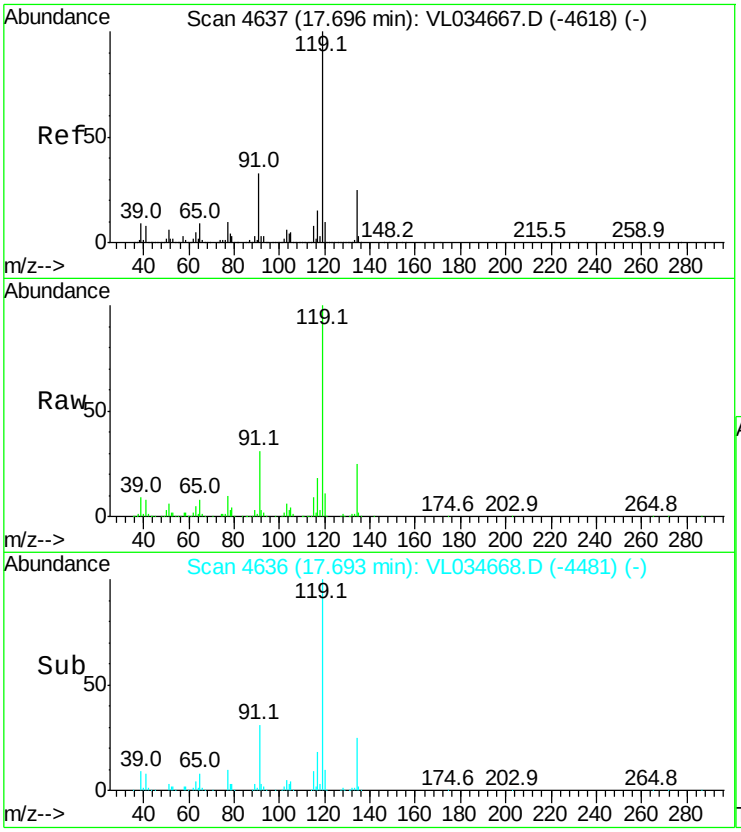


#68
1-Bromo-4-Fluorobenzene
Concen: 9.516 ppbv
RT: 14.45 min Scan# 3628
Delta R.T. -0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Tgt Ion: 95 Resp: 2034752

Ion	Ratio	Lower	Upper
95	100		
174	63.2	51.2	76.8
175	4.8	3.8	5.6



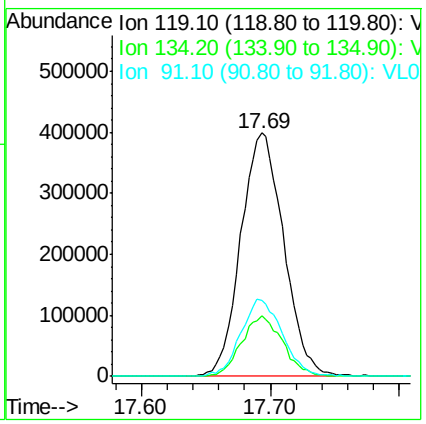


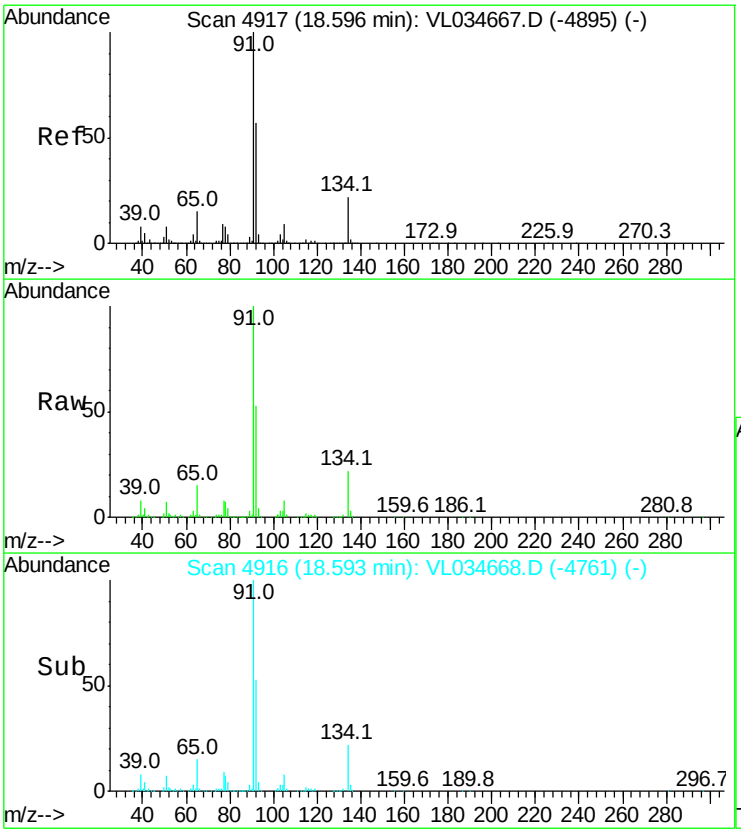
#69
p-Isopropyltoluene
Concen: 2.338 ppbv
RT: 17.69 min Scan# 4636
Delta R.T. -0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:119 Resp: 920599

Ion	Ratio	Lower	Upper
119	100		
134	24.0	20.6	31.0
91	31.1	25.3	37.9

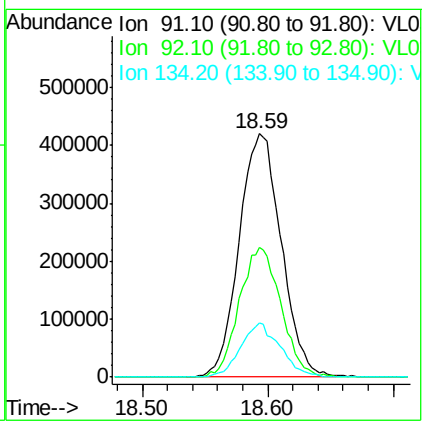


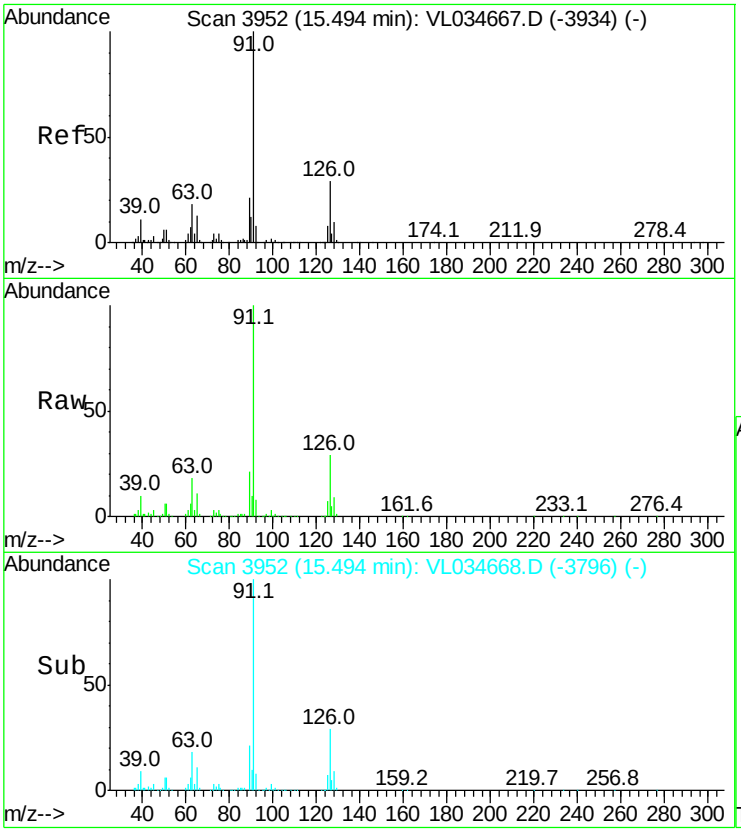


#70
n-Butylbenzene
Concen: 2.339 ppbv
RT: 18.59 min Scan# 4916
Delta R.T. -0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Tgt Ion: 91 Resp: 977777

Ion	Ratio	Lower	Upper
91	100		
92	52.9	44.0	66.0
134	21.0	17.6	26.4



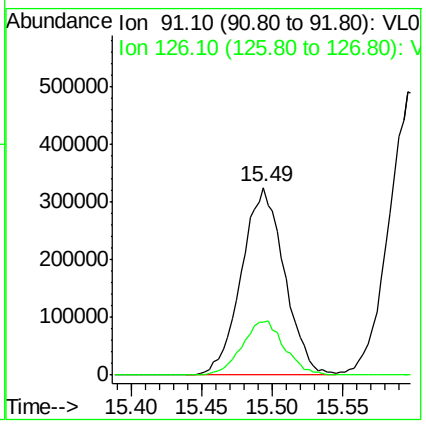


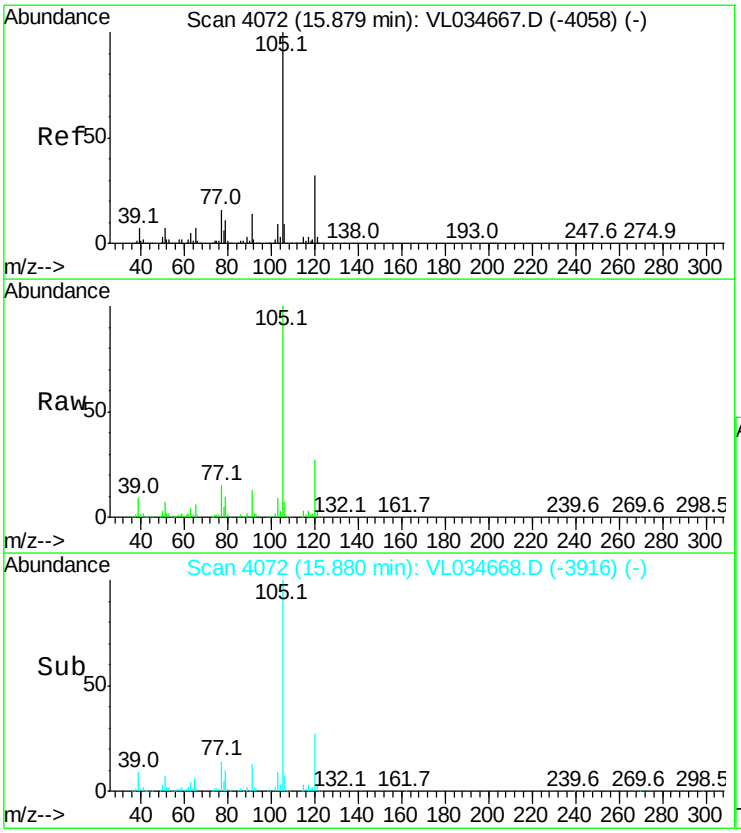
#71
2-Chlorotoluene
Concen: 2.338 ppbv
RT: 15.49 min Scan# 3952
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 691317

Ion	Ratio	Lower	Upper
91	100		
126	28.7	11.8	47.0

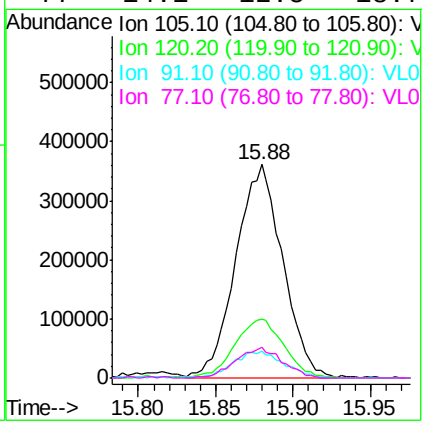


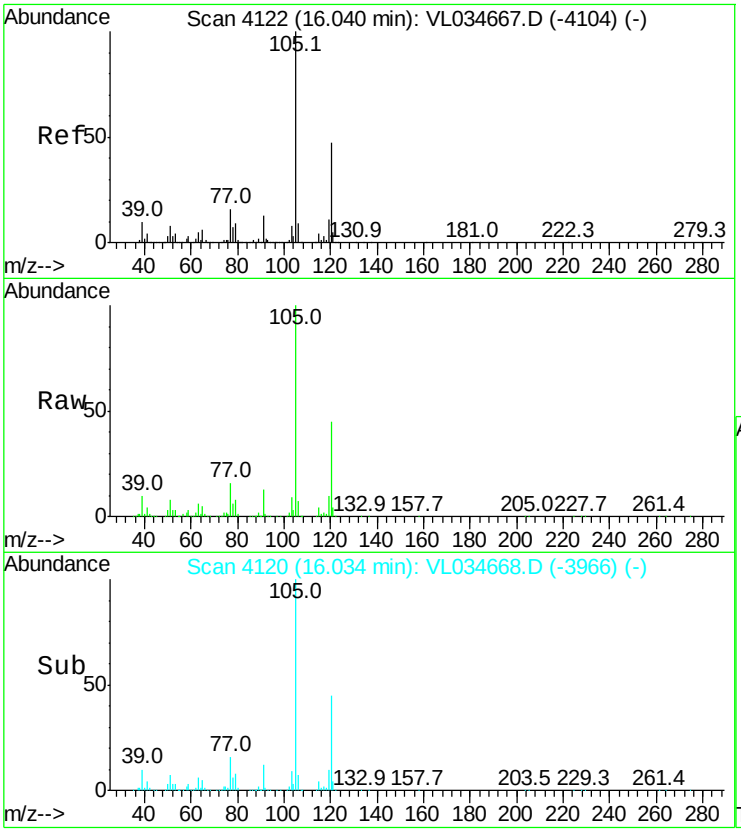


#72
4-Ethyltoluene
Concen: 2.304 ppbv
RT: 15.88 min Scan# 4072
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Tgt Ion:105 Resp: 760829

Ion	Ratio	Lower	Upper
105	100		
120	28.9	23.2	34.8
91	14.3	10.9	16.3
77	14.1	12.5	18.7



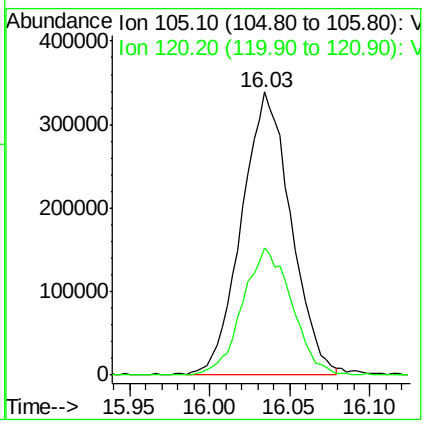


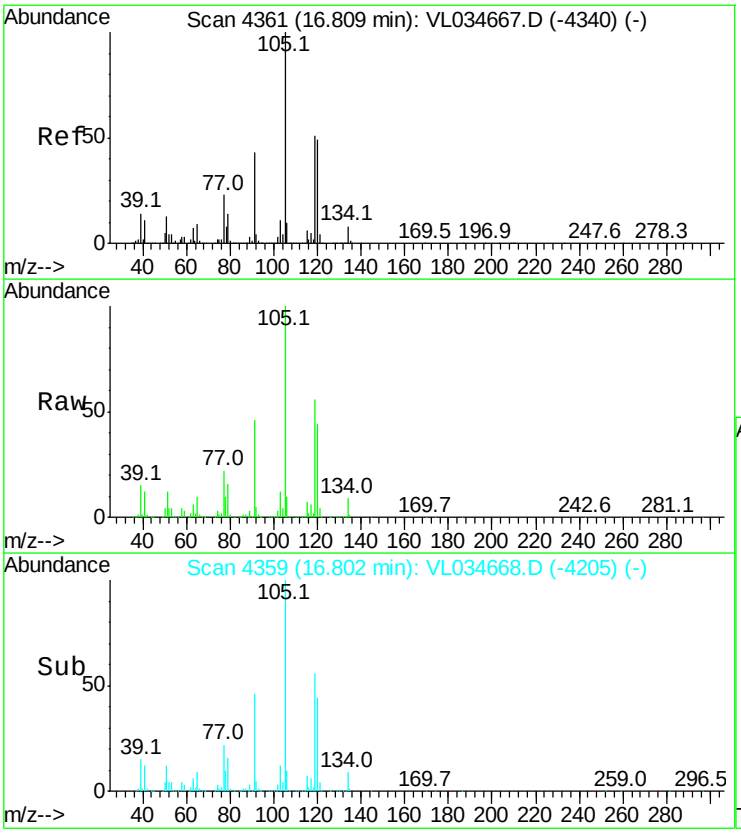
#73
1,3,5-Trimethylbenzene
Concen: 2.212 ppbv
RT: 16.03 min Scan# 4120
Delta R.T. -0.01 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:105 Resp: 713492

Ion	Ratio	Lower	Upper
105	100		
120	45.0	37.2	55.8

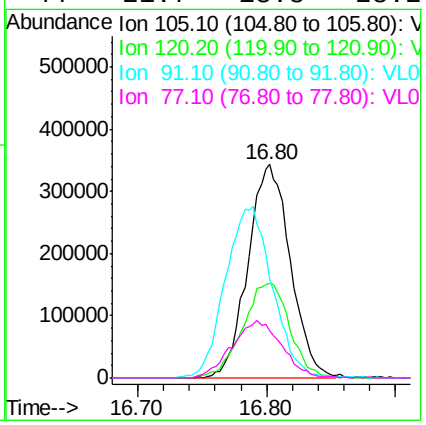


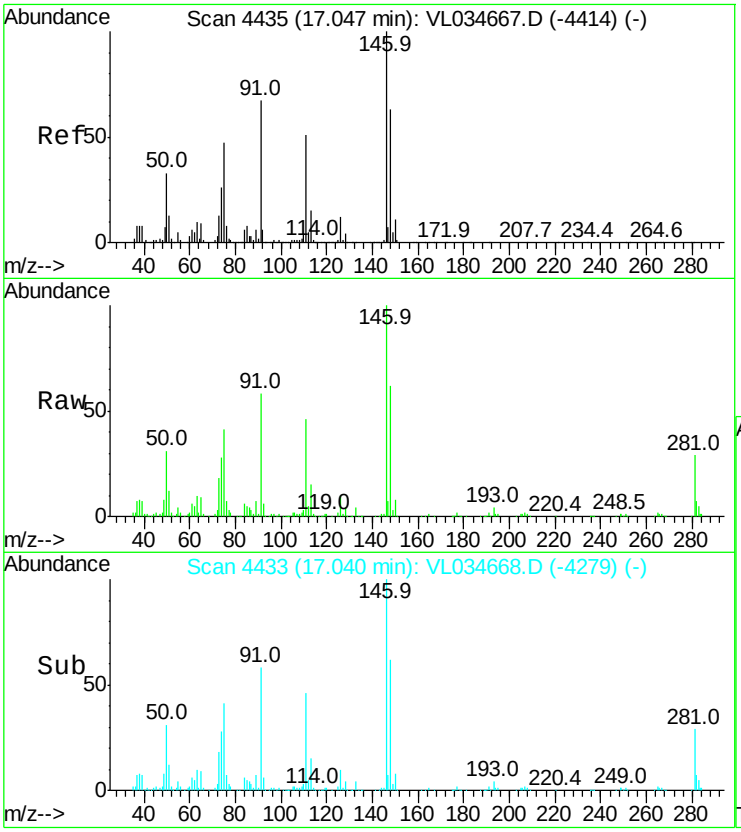


#74
1,2,4-Trimethylbenzene
Concen: 2.192 ppbv
RT: 16.80 min Scan# 4359
Delta R.T. -0.01 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Tgt Ion:105 Resp: 782734

Ion	Ratio	Lower	Upper
105	100		
120	44.5	39.4	59.0
91	45.3	35.1	52.7
77	21.7	18.8	28.2



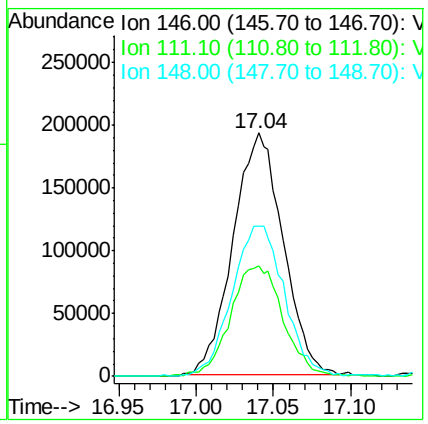


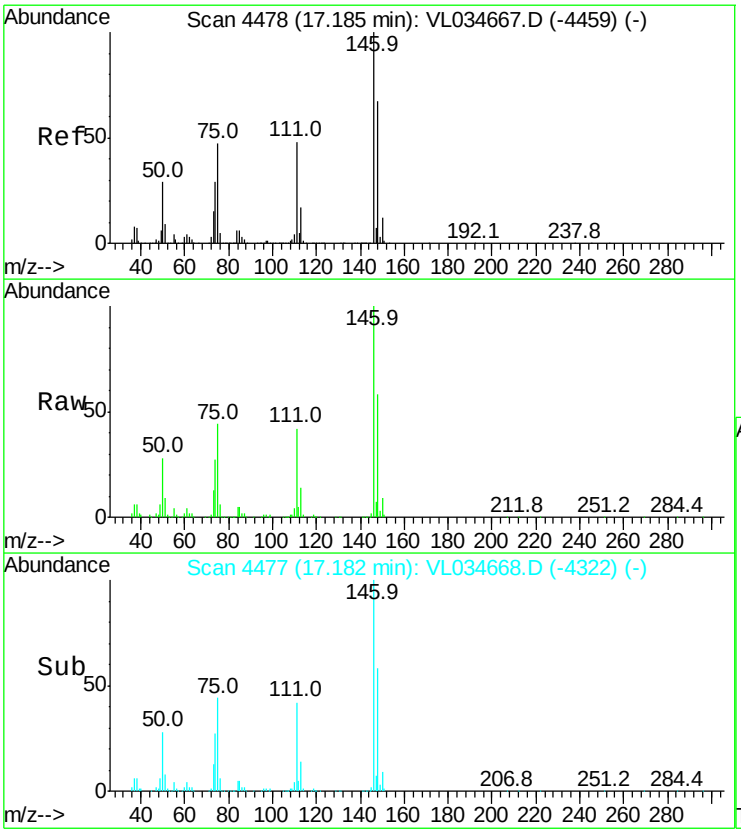
#75
1,3-Dichlorobenzene
Concen: 2.099 ppbv
RT: 17.04 min Scan# 4433
Delta R.T. -0.01 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:146 Resp: 431654

Ion	Ratio	Lower	Upper
146	100		
111	48.3	24.0	72.0
148	65.9	32.1	96.5

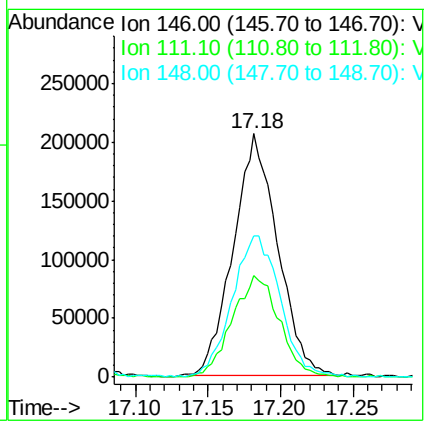


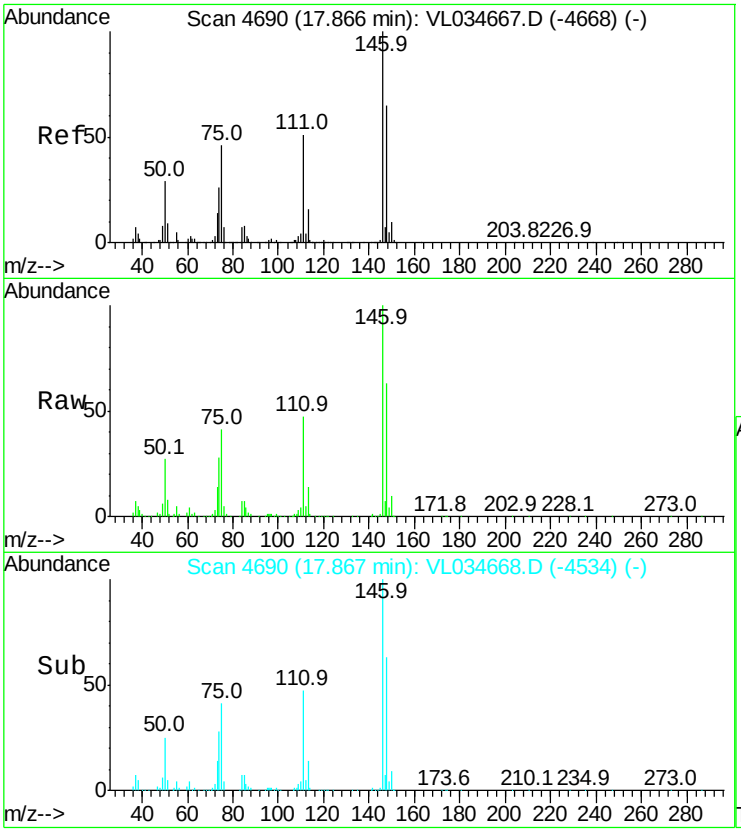


#76
1,4-Dichlorobenzene
Concen: 2.162 ppbv
RT: 17.18 min Scan# 4477
Delta R.T. -0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Tgt Ion:146 Resp: 438112

Ion	Ratio	Lower	Upper
146	100		
111	44.2	23.8	71.2
148	64.0	32.3	96.9



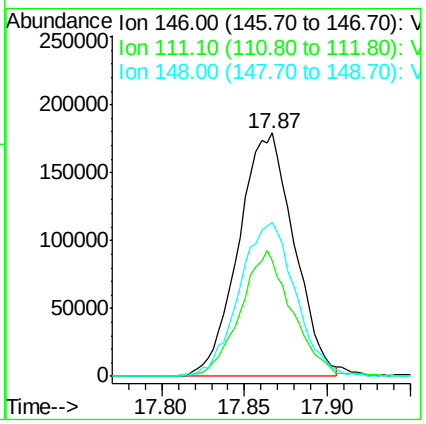


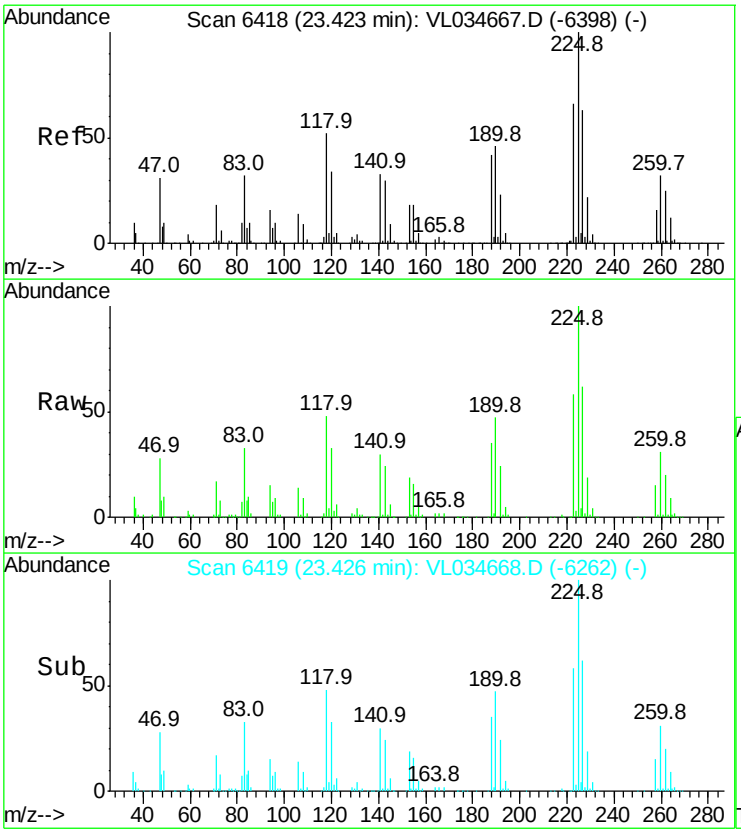
#77
1,2-Dichlorobenzene
Concen: 2.098 ppbv
RT: 17.87 min Scan# 4690
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:146 Resp: 414517

Ion	Ratio	Lower	Upper
146	100		
111	48.8	24.9	74.7
148	64.9	32.1	96.3

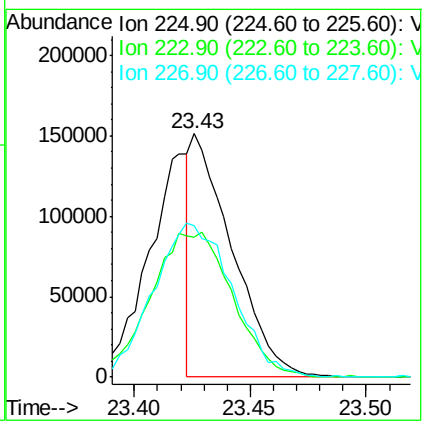


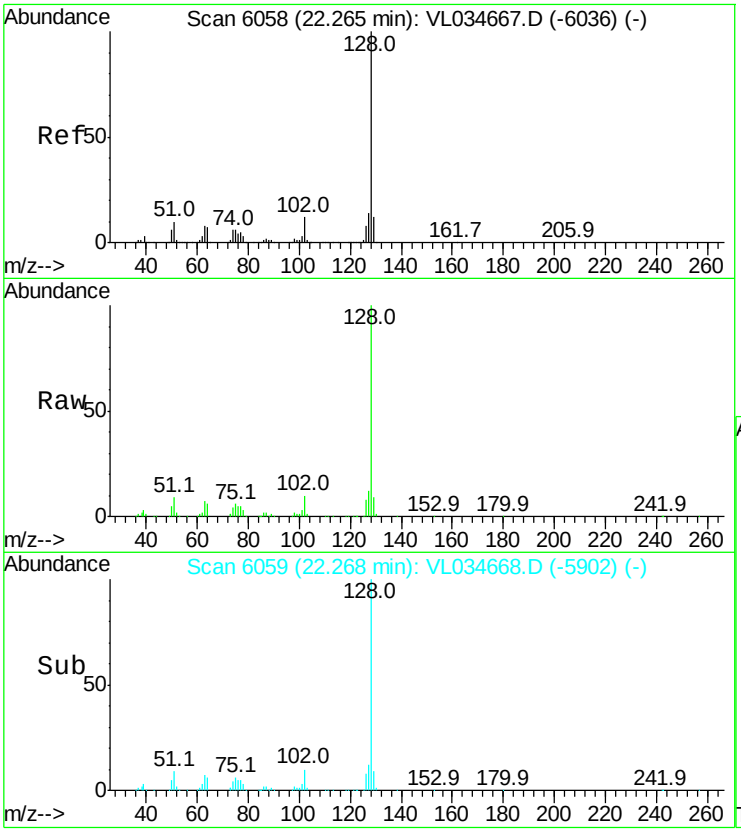


#78
Hexachloro-1,3-Butadiene
Concen: 0.977 ppbv
RT: 23.43 min Scan# 6419
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Tgt Ion:225 Resp: 184516

Ion	Ratio	Lower	Upper
225	100		
223	120.6	50.4	75.6#
227	124.4	51.8	77.8#



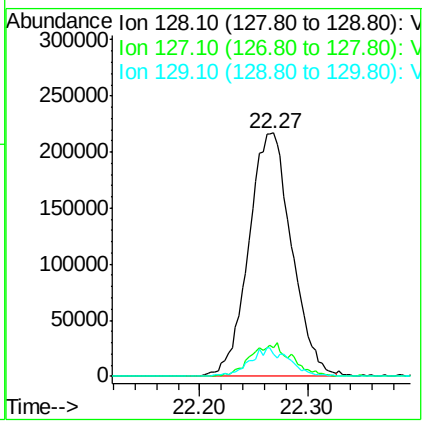


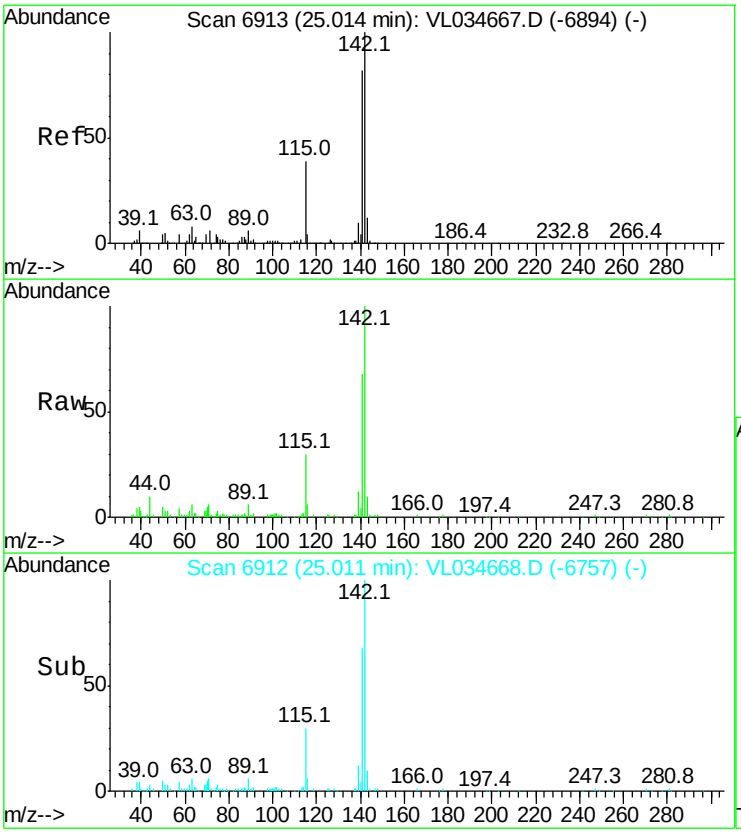
#79
Naphthalene
Concen: 2.132 ppbv
RT: 22.27 min Scan# 6059
Delta R.T. 0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:128 Resp: 599357

Ion	Ratio	Lower	Upper
128	100		
127	11.8	11.0	16.4
129	9.2	9.5	14.3#

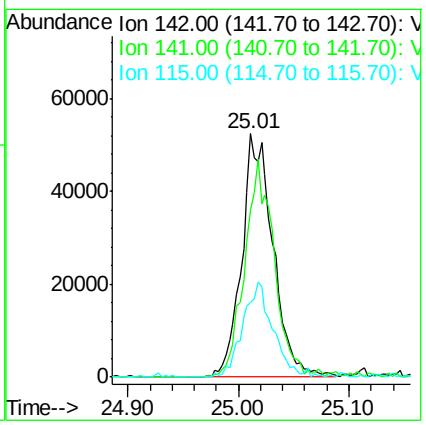


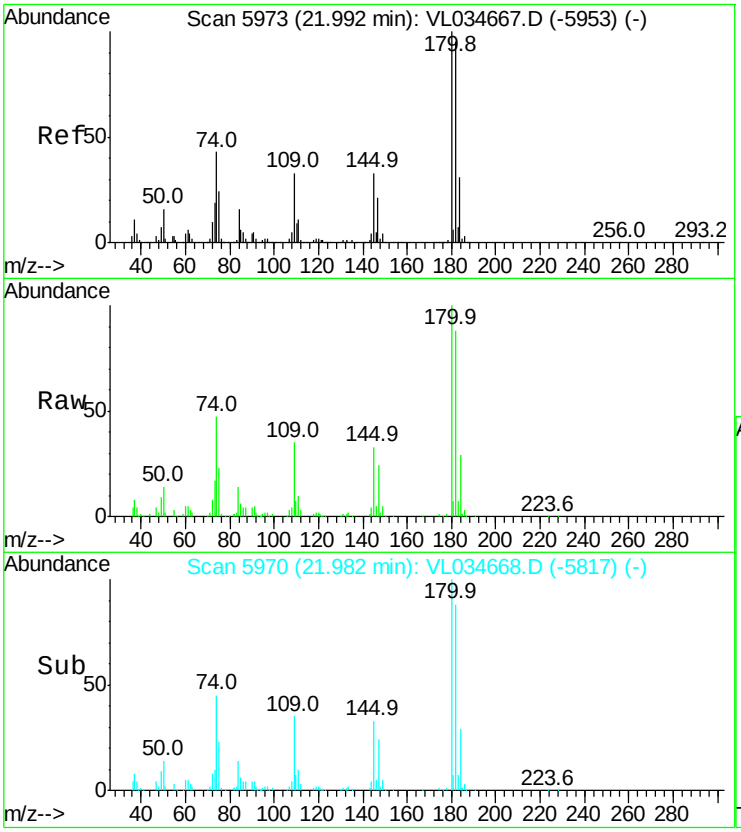


#80
Naphthalene,2-methyl-
Concen: 0.951 ppbv
RT: 25.01 min Scan# 6912
Delta R.T. -0.00 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Tgt Ion:142 Resp: 102868

Ion	Ratio	Lower	Upper
142	100		
141	84.1	68.1	102.1
115	38.0	31.0	46.6





#81
1,2,4-Trichlorobenzene
Concen: 0.751 ppbv
RT: 21.98 min Scan# 5970
Delta R.T. -0.01 min
Lab File: VL034668.D
Acq: 25 Feb 2020 11:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:180 Resp: 130175

Ion	Ratio	Lower	Upper
180	100		
182	0.0	77.7	116.5#
184	0.0	25.3	37.9#