Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120720\

Quantitation Report (Not Reviewed)

Data File : VL036065.D
Acq On : 7 Dec 2020 13:09
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Dec 07 13:40:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Dec 07 13:39:30 2020
QLast Update : Mon Dec 07 13:39:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.68	49	1313591	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.20	114	3004411	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.11	117	2847197	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.44	95	2167067	9.96	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.06	85	274385	1.200	ppbv		89
3) Chlorodifluoromethane	3.00	51	294061	1.898	ppbv		100
4) Chloromethane	3.15	50	145701	1.921	ppbv		92
5) Vinyl Chloride	3.27	62	144224	1.497	ppbv		96
6) Bromomethane	3.48	94	74551	0.984	ppbv	#	75
7) Chloroethane	3.56	64	51199	1.480	ppbv	#	81
8) Dichlorotetrafluoroethane	3.20	85	336855	1.249	ppbv		99
9) Propene	3.02	41	146585	2.709	ppbv		94
10) Heptane	8.14	43	368099	2.493	ppbv		98
11) Trichlorofluoromethane	3.96	101	353178	1.140	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.50	101	232275	0.996	ppbv		95
13) Ethanol	3.62	45	22206	2.029	ppbv		94
14) Bromoethene	3.75	108	88999	0.942	ppbv		89
15) Acetone	3.87	43	330657	2.423	ppbv	#	87
16) 1,3-Butadiene	3.33	39	144229	2.405	ppbv		94
17) tert-Butyl alcohol	4.31	59	245397	1.640	ppbv		96
18) 1,1-Dichloroethene	4.30	96	96752	0.935	ppbv		94
19) Isopropyl Alcohol	3.98	45	156660	2.140	ppbv	#	100
20) Methylene Chloride	4.36	84	132405	1.121	ppbv		97
21) Allyl Chloride	4.43	41	194848	2.679	ppbv		95
22) trans-1,2-Dichloroethene	4.90	96	95607	0.931	ppbv		93
23) Vinyl Acetate	5.09	43	428976	2.662	ppbv	#	97
24) 1,1-Dichloroethane	5.02	63	290382	1.577	ppbv		98
25) Ethyl Acetate	5.70	43	628806	2.291	ppbv		99
26) Hexane	5.70	57	162596	1.116	ppbv	#	16
27) Carbon Disulfide	4.56	76	264081	1.244	ppbv		94
28) Methyl tert-Butyl Ether	5.05	73	383161	1.764	ppbv		99
29) Chloroform	5.77	83	369221	1.341	ppbv		93
30) Cyclohexane	7.15	84	205075	1.491	ppbv		84
31) cis-1,2-Dichloroethene	5.56	61	244093	1.830	ppbv		99
32) 1,1,1-Trichloroethane	6.53	97	364407	1.443	ppbv		97
34) 2-Butanone	5.26	43	369182	3.585	ppbv		96
35) Carbon Tetrachloride	7.03	117	352995	2.247	ppbv		98
36) Benzene	6.91	78	496272	2.415	ppbv		97
37) 1,2-Dichloroethane	6.32	62	292381	2.743	ppbv		99
38) Trichloroethene	7.86	130	184337	2.005	ppbv		97
39) 1,2-Dichloropropane	7.63	63	105560	1.341	ppbv		92
40) 1,4-Dioxane	7.86	88	24509	0.934	ppbv	#	1
41) Tetrahydrofuran	6.08	42	209225	3.892	ppbv		93
42) Bromodichloromethane	7.81	83	395010	2.343	ppbv		98
43) Methyl Methacrylate	8.04	69	216134	2.887	ppbv		95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120720\

Quantitation Report (Not Reviewed)

Data File : VL036065.D
Acq On : 7 Dec 2020 13:09
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Dec 07 13:40:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Dec 07 13:39:30 2020
QLast Update : Mon Dec 07 13:39:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.89	57	947719	3.111	ppbv		99
45) t-1,3-Dichloropropene	9.30	75	206952	2.925	ppbv		92
46) cis-1,3-Dichloropropene	8.72	75	140983	1.486	ppbv		98
47) 1,1,2-Trichloroethane	9.49	97	192392	1.950	ppbv		92
48) Dibromochloromethane	10.33	129	291653	2.100	ppbv		98
49) Bromoform	13.07	173	240183	2.331	ppbv		99
50) 4-Methyl-2-Pentanone	8.77	43	593584	3.792	ppbv		99
51) 2-Hexanone	10.17	43	432493	3.819	ppbv	#	96
52) Tetrachloroethene	11.25	164	164222	2.061	ppbv		97
53) Toluene	9.83	91	580873	2.596	ppbv		100
54) 1,2-Dibromoethane	10.64	107	273717	1.955	ppbv		93
56) 1,1,1,2-Tetrachloroethane	12.15	131	235579	2.026	ppbv	#	1
57) Chlorobenzene	12.17	112	402882	1.918	ppbv		92
58) Ethyl Benzene	12.74	91	797788	2.833	ppbv		100
59) m/p-Xylene	13.02	91	38290	0.149	ppbv	#	1
60) o-Xylene	13.72	91	630604	2.434	ppbv		99
61) Styrene	13.55	104	399094	2.719	ppbv		99
62) Isopropylbenzene	14.70	105	938236	2.439	ppbv		98
63) 1,1,2,2-Tetrachloroethane	13.71	83	399331	1.839	ppbv		97
64) n-propylbenzene	15.59	120	136272	1.346	ppbv	#	1
65) tert-Butylbenzene	16.77	119	802914	2.490	ppbv		99
66) Benzyl Chloride	17.01	91	182915	2.355	ppbv		98
67) sec-Butylbenzene	17.32	105	1116614	2.535	ppbv		98
69) p-Isopropyltoluene	17.68	119	866964	2.607	ppbv		99
70) n-Butylbenzene	18.58	91	873013	2.652	ppbv		100
71) 2-Chlorotoluene	15.48	91	724340	2.738	ppbv		95
72) 4-Ethyltoluene	15.87	105	687231	2.576	ppbv		99
73) 1,3,5-Trimethylbenzene	16.03	105	310484	1.242	ppbv		99
74) 1,2,4-Trimethylbenzene	16.79	105	675125	2.421	ppbv		92
75) 1,3-Dichlorobenzene	17.02	146	134600	0.798	ppbv	#	1
76) 1,4-Dichlorobenzene	17.17	146	305869	1.919	ppbv		93
77) 1,2-Dichlorobenzene	17.85	146	311651	2.015	ppbv		97
78) Hexachloro-1,3-Butadiene	23.41	225	127832	1.504	ppbv	#	18
79) Naphthalene	22.24	128	139198	1.070	ppbv		95
80) Naphthalene,2-methyl-	25.02	142	12150	0.461	ppbv	#	58
81) 1,2,4-Trichlorobenzene	21.97	180	114698	1.284	ppbv	#	100

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

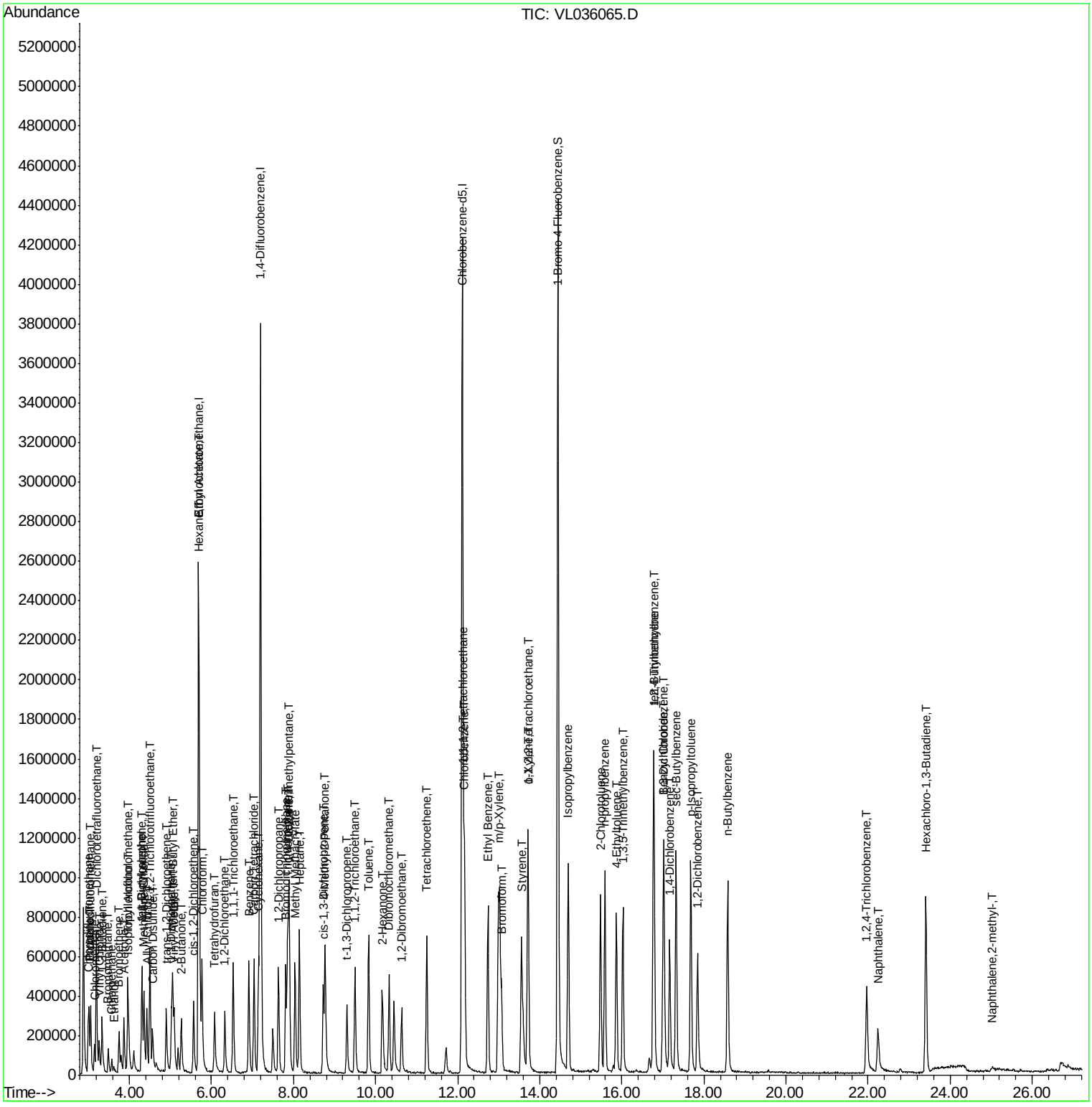
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120720\

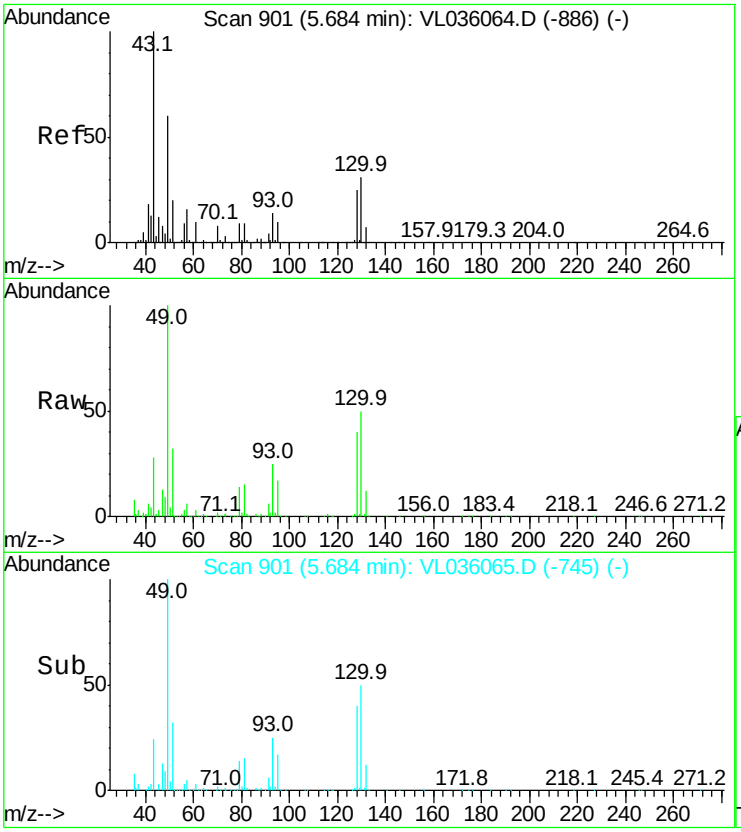
Quantitation Report (Not Reviewed)

Data File : VL036065.D
Acq On : 7 Dec 2020 13:09
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Quant Time: Dec 07 13:40:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Dec 07 13:39:30 2020
QLast Update : Mon Dec 07 13:39:30 2020
Response via : Initial Calibration



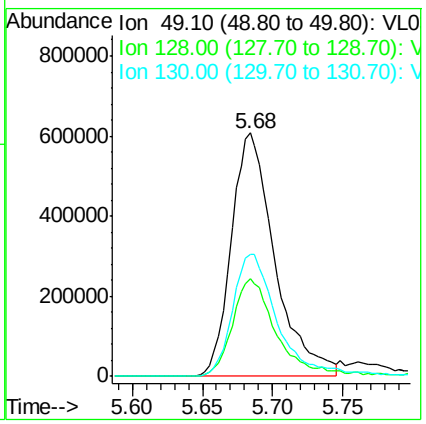


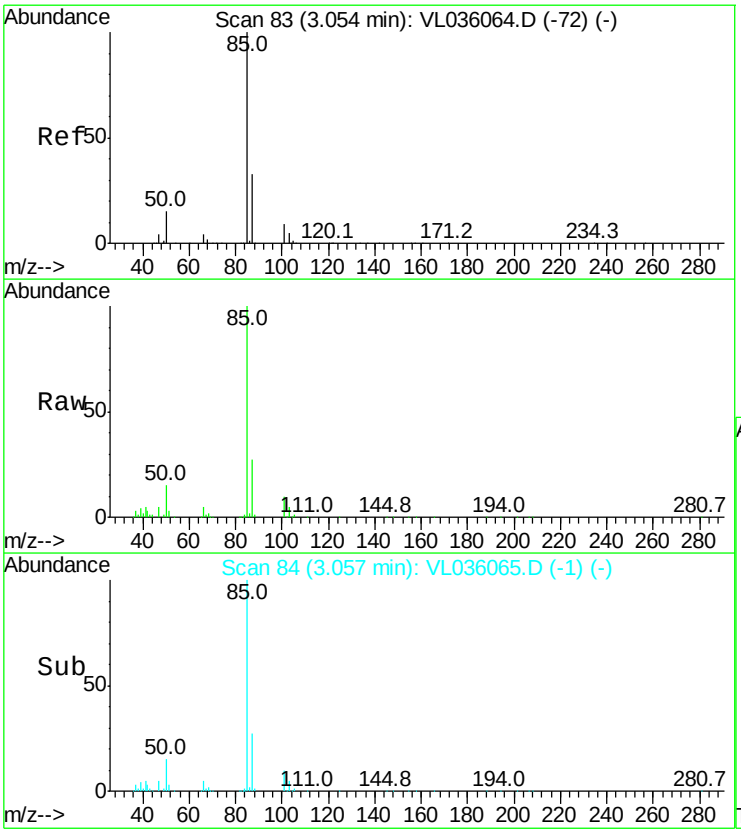
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 49 Resp: 1313591

Ion	Ratio	Lower	Upper
49	100		
128	41.9	21.1	63.1
130	52.9	27.1	81.3

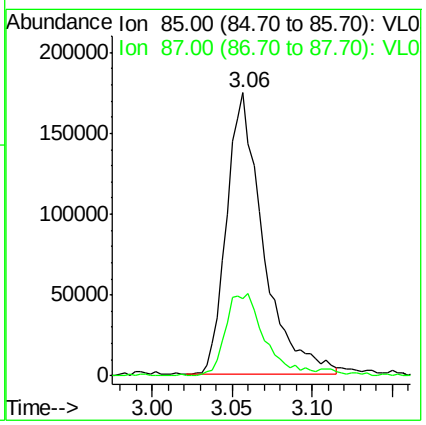


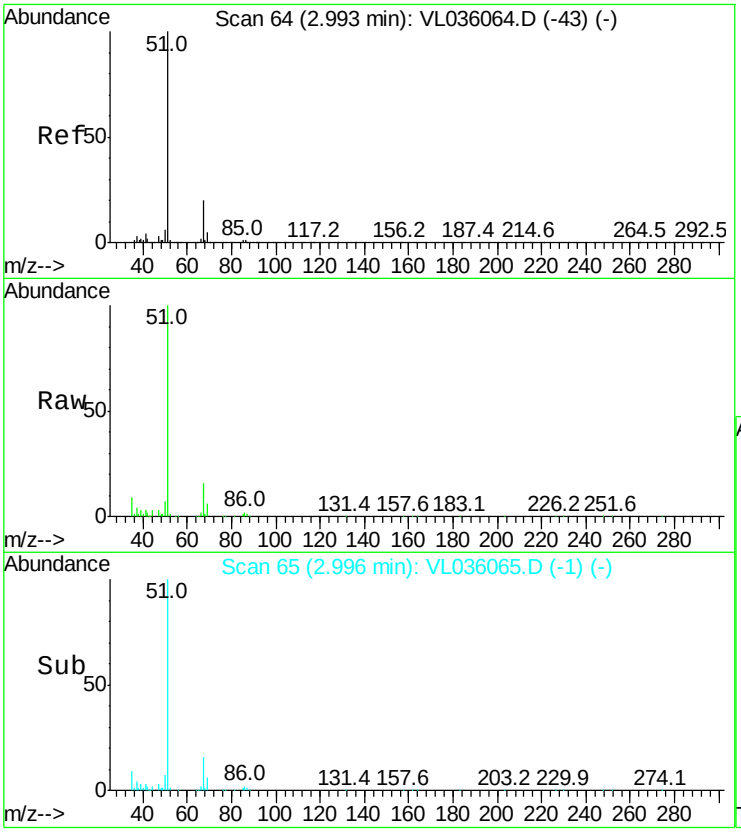


#2
Dichlorodifluoromethane
Concen: 1.200 ppbv
RT: 3.06 min Scan# 84
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Tgt Ion: 85 Resp: 274385

Ion	Ratio	Lower	Upper
85	100		
87	27.1	26.5	39.7



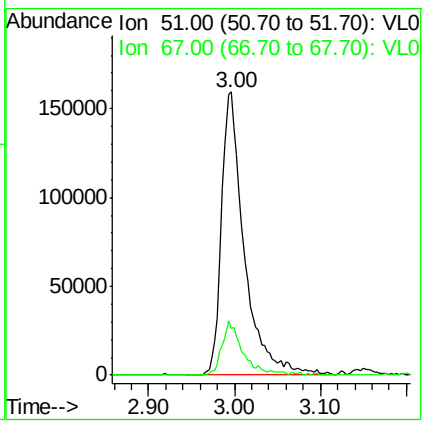


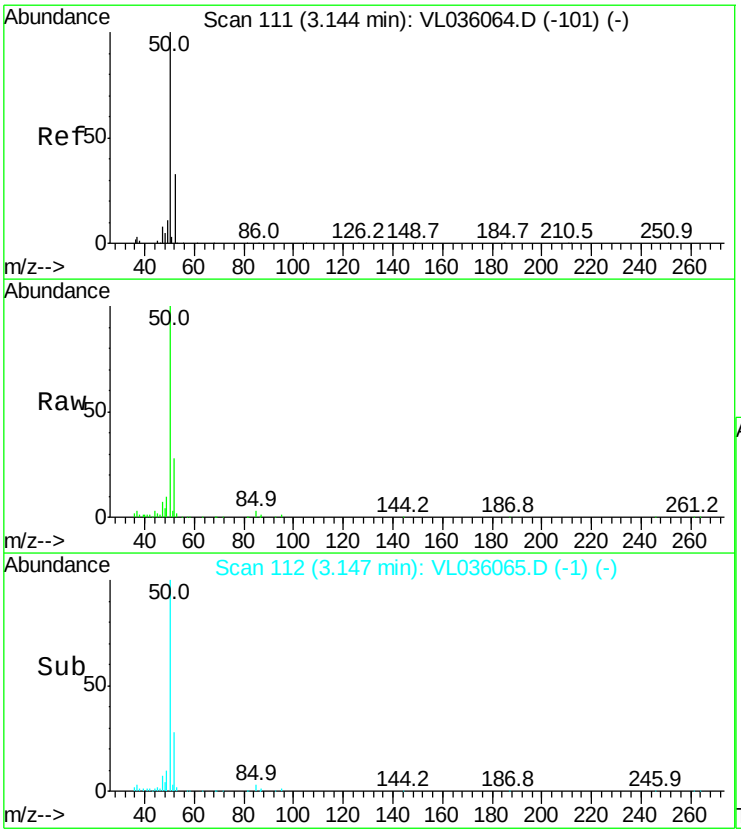
#3
Chlorodifluoromethane
Concen: 1.898 ppbv
RT: 3.00 min Scan# 65
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 51 Resp: 294061

Ion	Ratio	Lower	Upper
51	100		
67	18.0	14.3	21.5

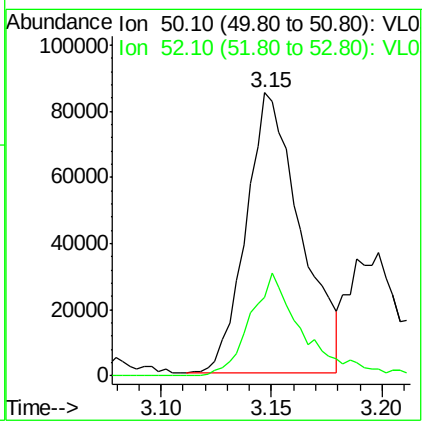


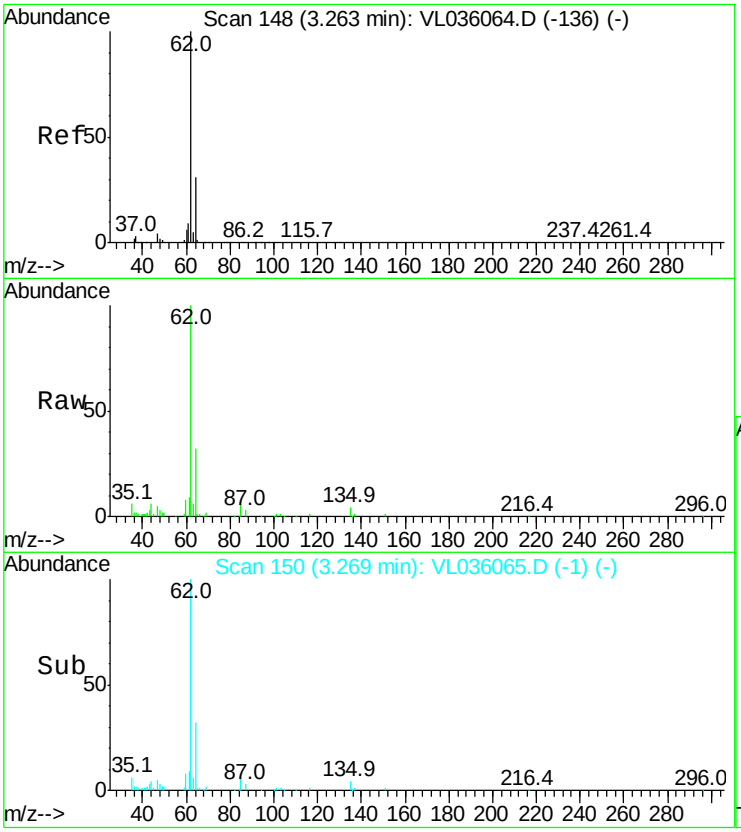


#4
Chloromethane
Concen: 1.921 ppbv
RT: 3.15 min Scan# 112
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Tgt Ion: 50 Resp: 145701

Ion	Ratio	Lower	Upper
50	100		
52	28.1	26.1	39.1



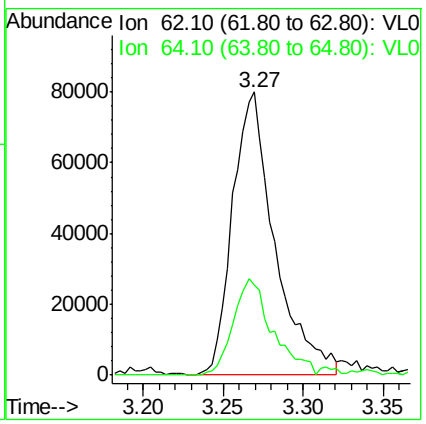


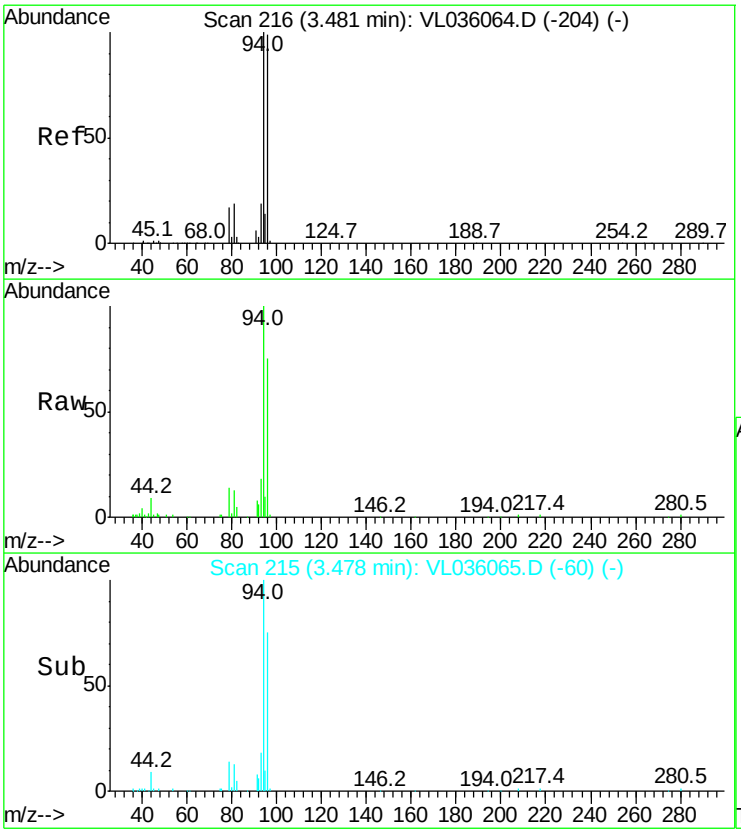
#5
Vinyl Chloride
Concen: 1.497 ppbv
RT: 3.27 min Scan# 150
Delta R.T. 0.01 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 62 Resp: 144224

Ion	Ratio	Lower	Upper
62	100		
64	33.0	24.5	36.7

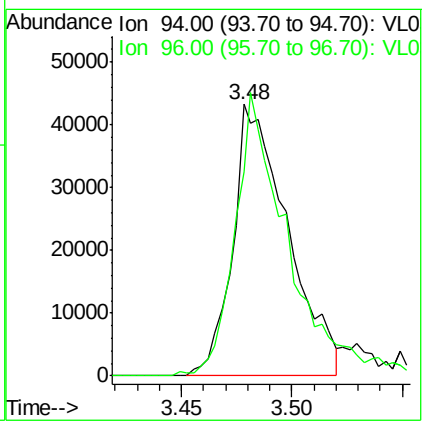


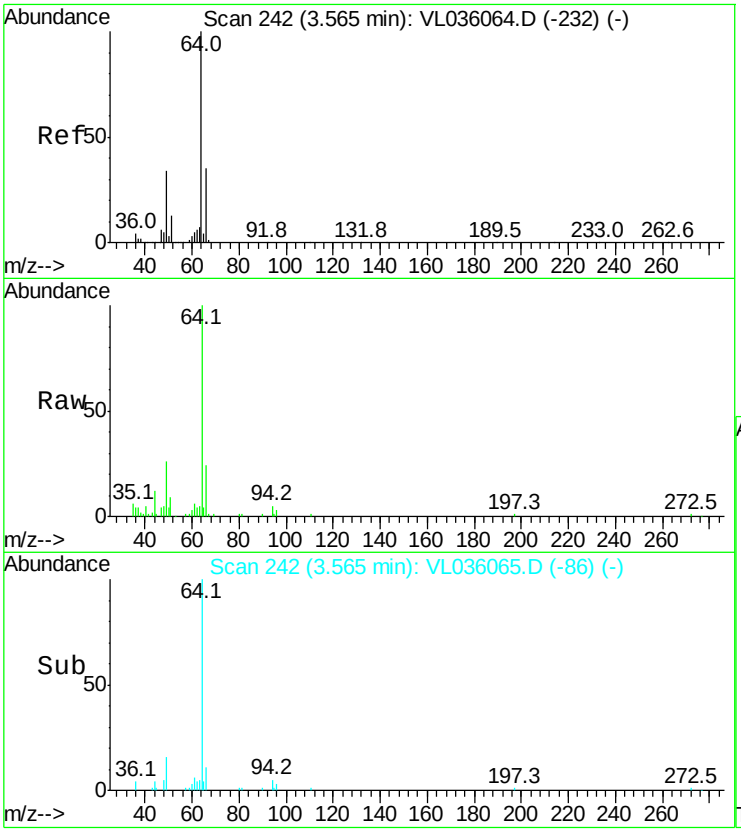


#6
Bromomethane
Concen: 0.984 ppbv
RT: 3.48 min Scan# 215
Delta R.T. -0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Tgt Ion: 94 Resp: 74551

Ion	Ratio	Lower	Upper
94	100		
96	74.4	79.4	119.0#



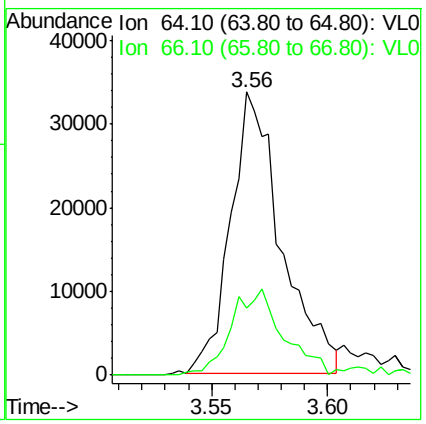


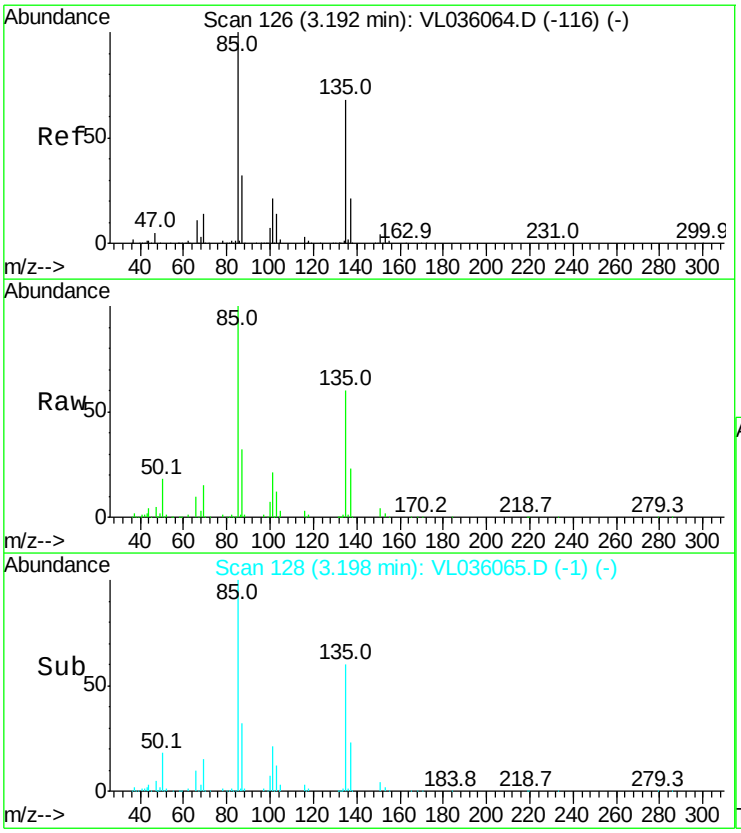
#7
Chloroethane
Concen: 1.480 ppbv
RT: 3.56 min Scan# 242
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 64 Resp: 51199

Ion	Ratio	Lower	Upper
64	100		
66	23.9	27.7	41.5#

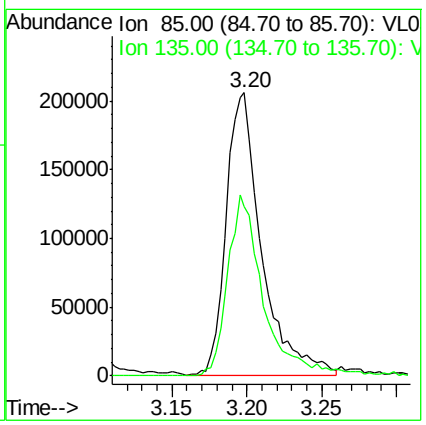


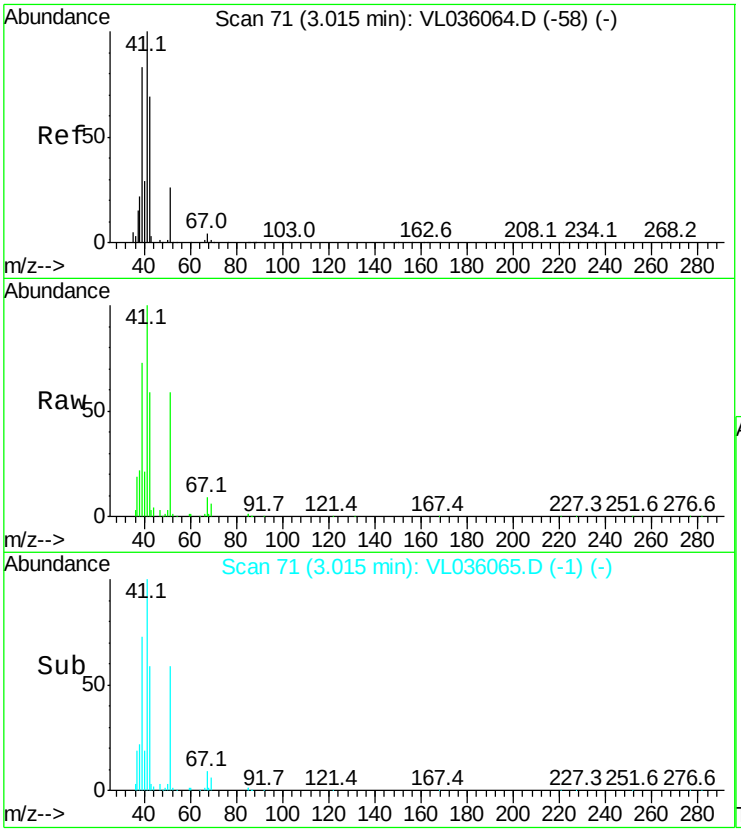


#8
Dichlorotetrafluoroethane
Concen: 1.249 ppbv
RT: 3.20 min Scan# 128
Delta R.T. 0.01 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Tgt Ion: 85 Resp: 336855

Ion	Ratio	Lower	Upper
85	100		
135	66.2	53.8	80.8



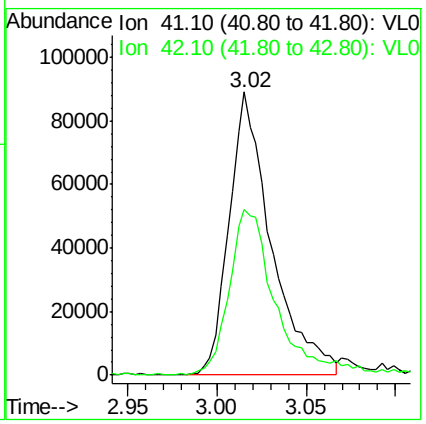


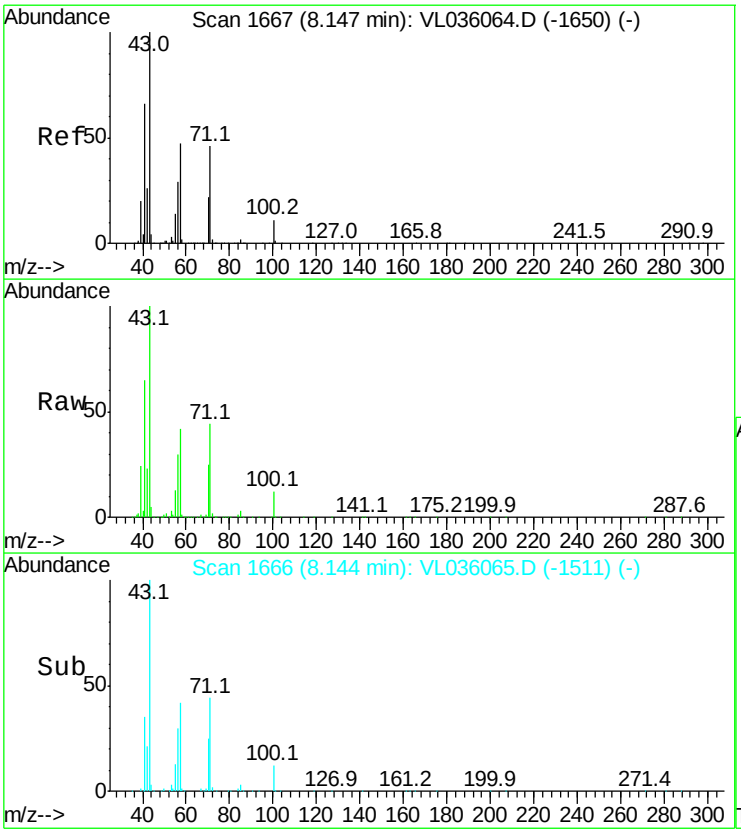
#9
Propene
Concen: 2.709 ppbv
RT: 3.02 min Scan# 71
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 41 Resp: 146585

Ion	Ratio	Lower	Upper
41	100		
42	66.2	57.0	85.6

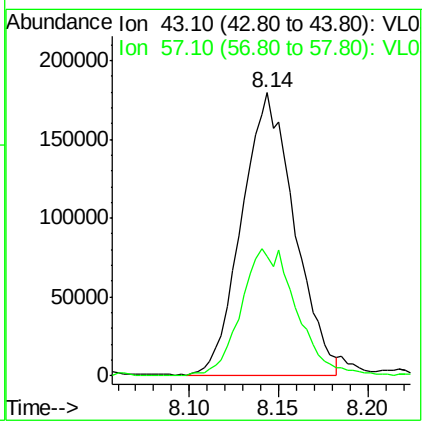


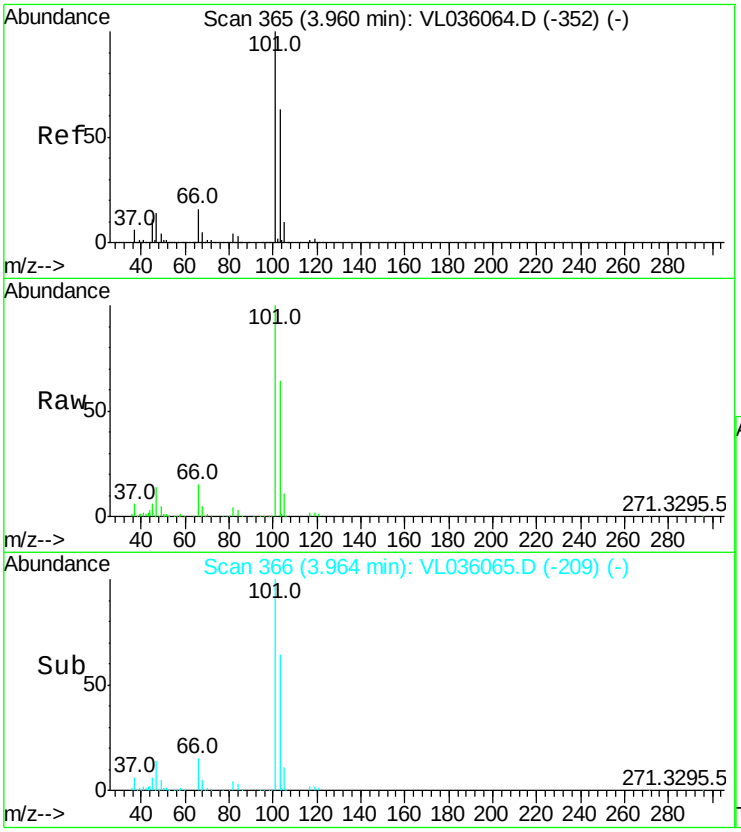


#10
Heptane
Concen: 2.493 ppbv
RT: 8.14 min Scan# 1666
Delta R.T. -0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Tgt Ion: 43 Resp: 368099

Ion	Ratio	Lower	Upper
43	100		
57	48.6	37.9	56.9



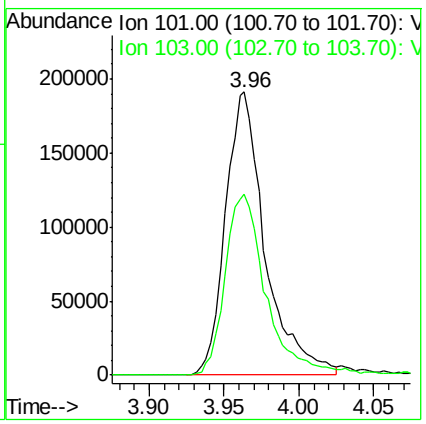


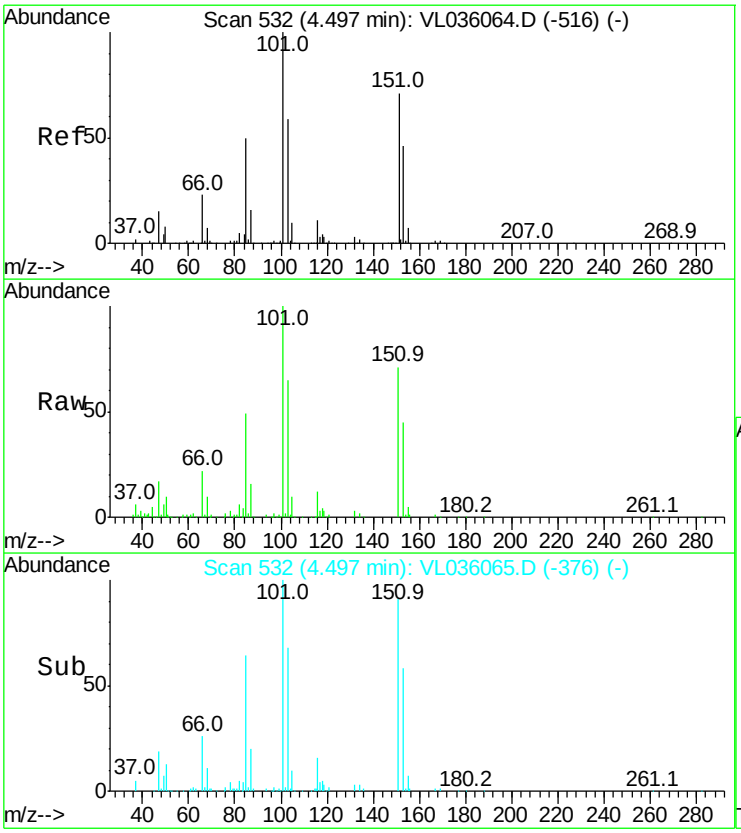
#11
Trichlorofluoromethane
Concen: 1.140 ppbv
RT: 3.96 min Scan# 366
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:101 Resp: 353178

Ion	Ratio	Lower	Upper
101	100		
103	63.8	50.3	75.5

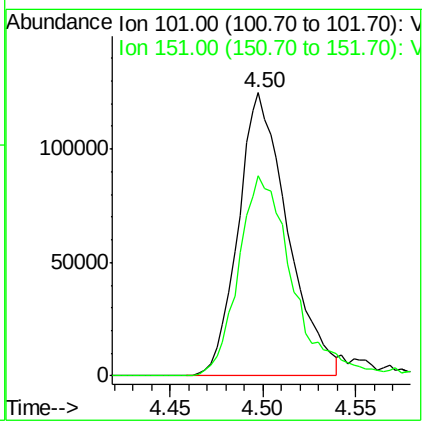


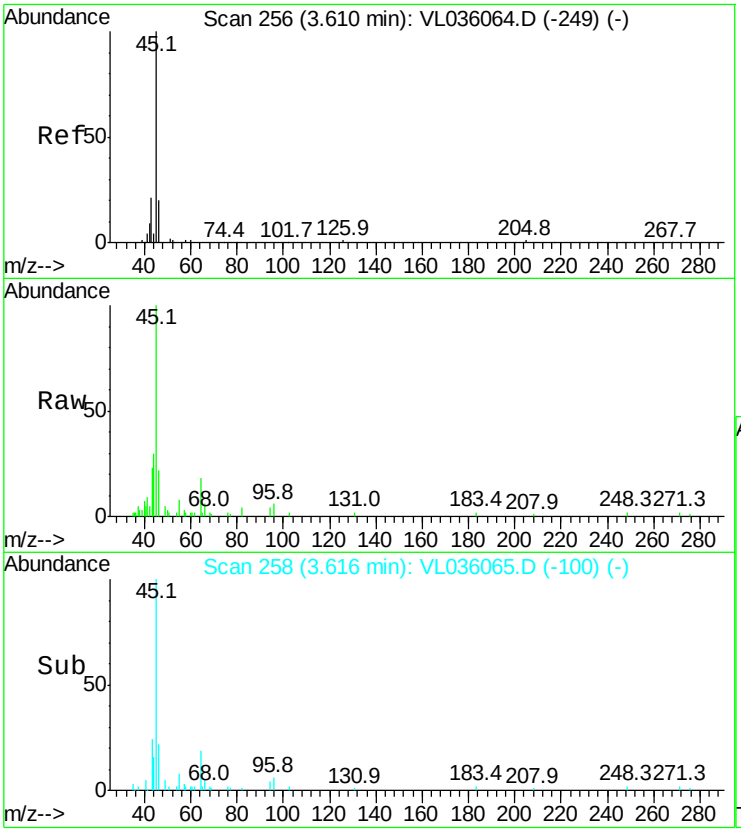


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.996 ppbv
RT: 4.50 min Scan# 532
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Tgt Ion:101 Resp: 232275

Ion	Ratio	Lower	Upper
101	100		
151	78.6	59.3	88.9



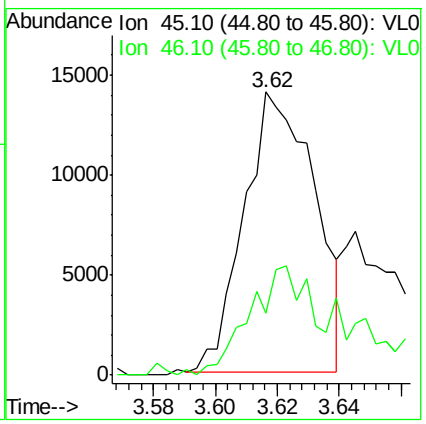


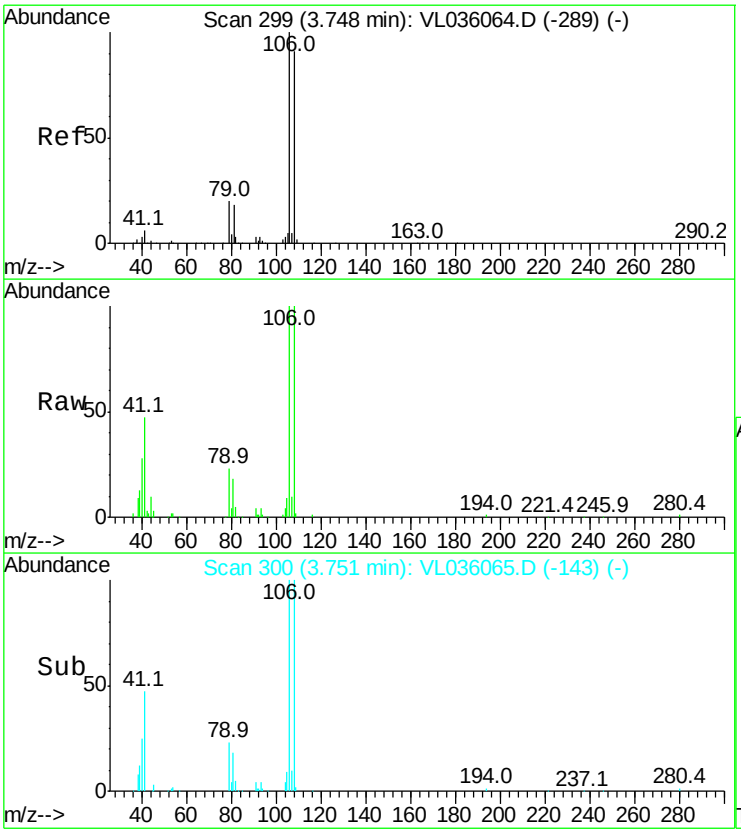
#13
Ethanol
Concen: 2.029 ppbv
RT: 3.62 min Scan# 258
Delta R.T. 0.01 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 45 Resp: 22206

Ion	Ratio	Lower	Upper
45	100		
46	51.5	19.0	75.8

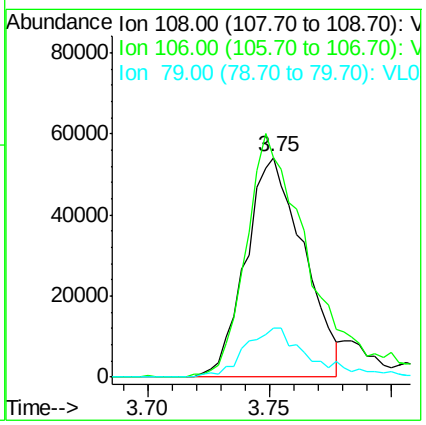


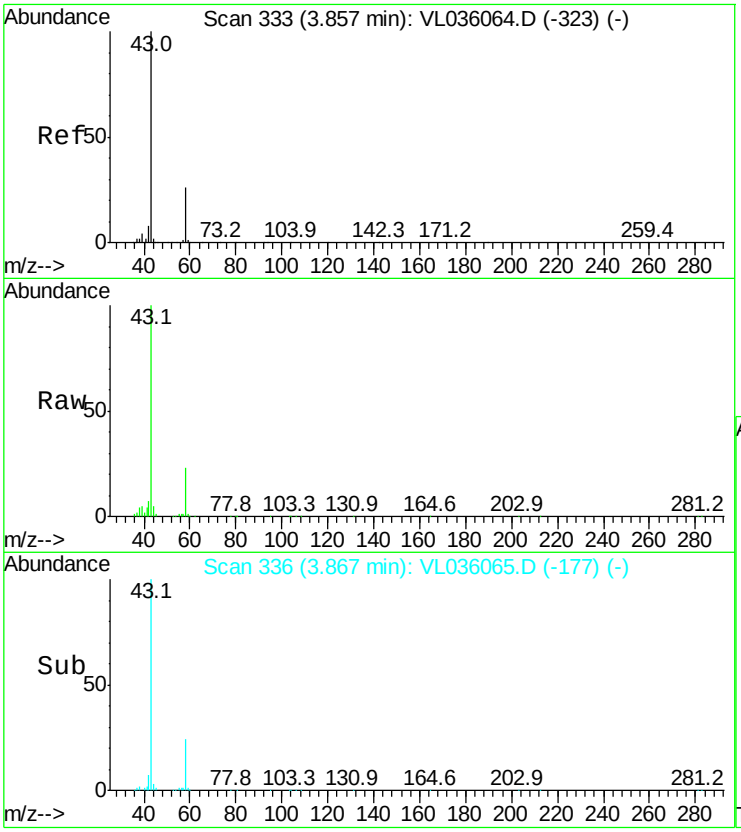


#14
Bromoethene
Concen: 0.942 ppbv
RT: 3.75 min Scan# 300
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Tgt Ion:108 Resp: 88999

Ion	Ratio	Lower	Upper
108	100		
106	126.9	91.0	136.4
79	25.6	19.3	28.9



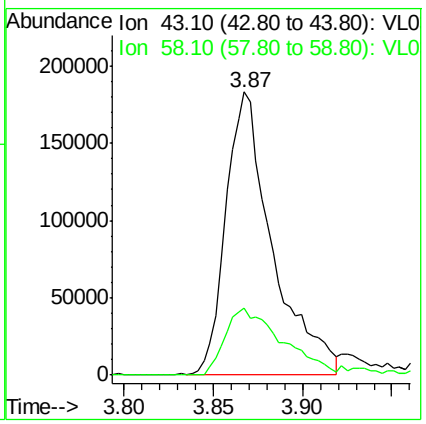


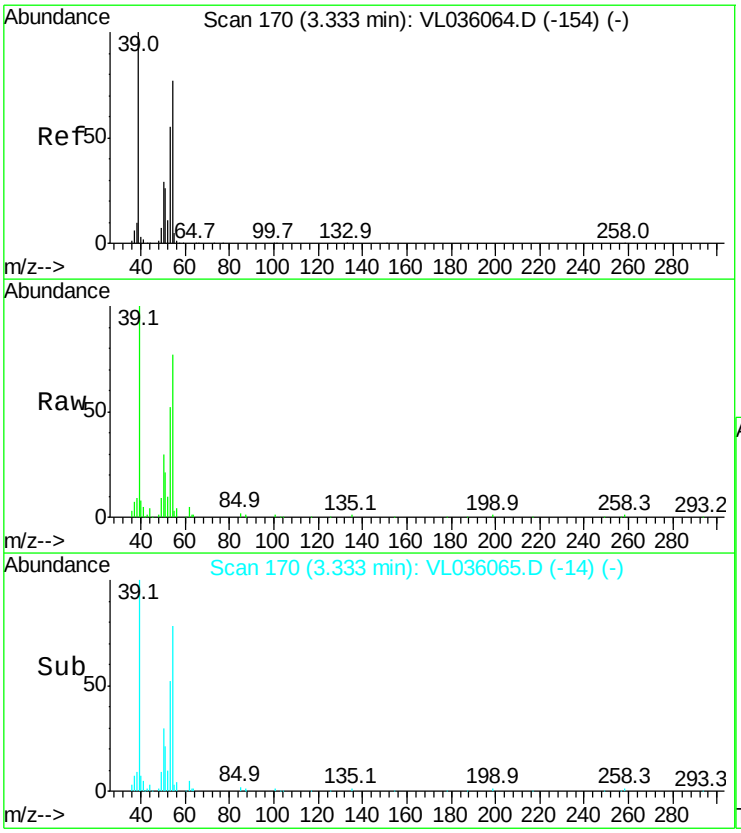
#15
Acetone
Concen: 2.423 ppbv
RT: 3.87 min Scan# 336
Delta R.T. 0.01 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 330657

Ion	Ratio	Lower	Upper
43	100		
58	32.5	20.9	31.3#

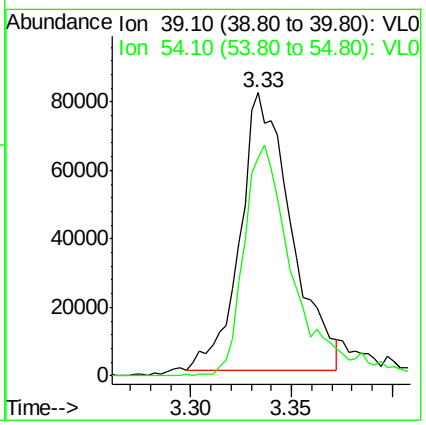


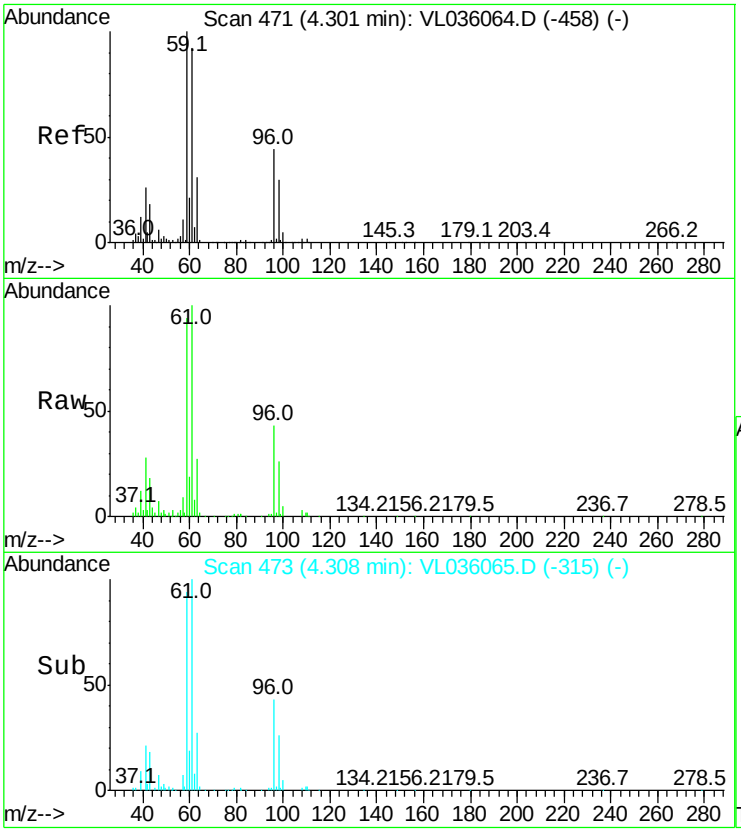


#16
1,3-Butadiene
Concen: 2.405 ppbv
RT: 3.33 min Scan# 170
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Tgt Ion: 39 Resp: 144229

Ion	Ratio	Lower	Upper
39	100		
54	83.2	62.1	93.1



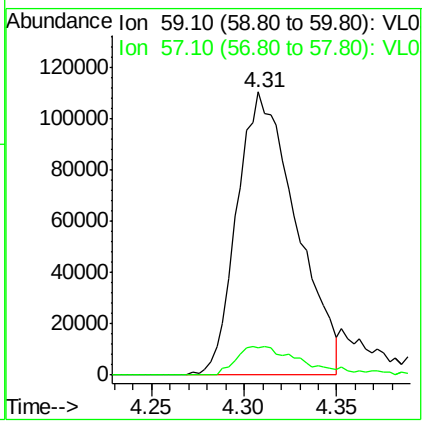


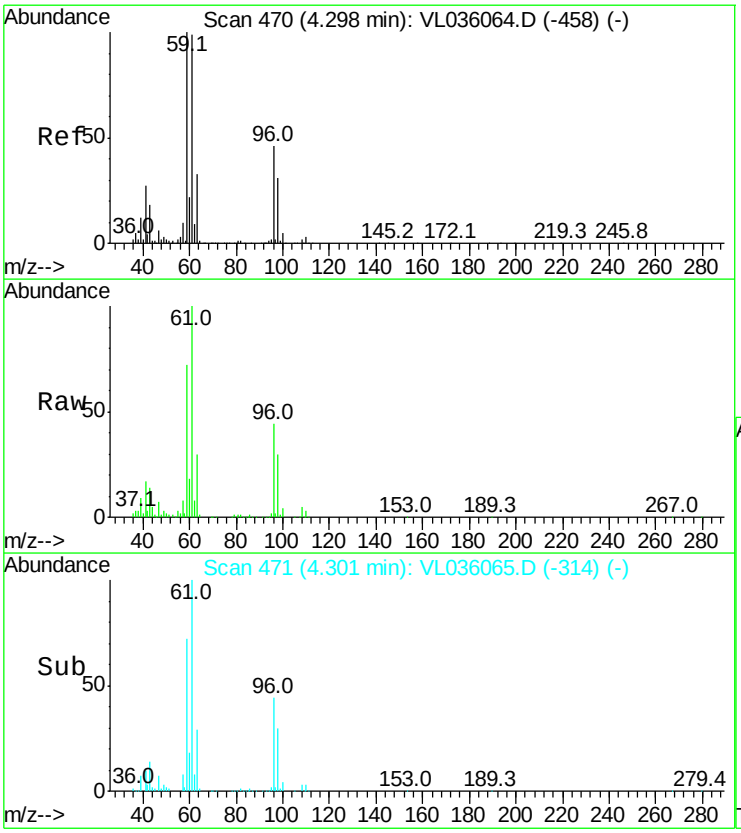
#17
tert-Butyl alcohol
Concen: 1.640 ppbv
RT: 4.31 min Scan# 473
Delta R.T. 0.01 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 59 Resp: 245397

Ion	Ratio	Lower	Upper
59	100		
57	12.3	8.7	13.1

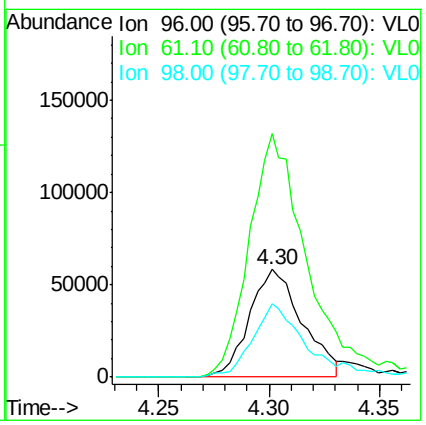


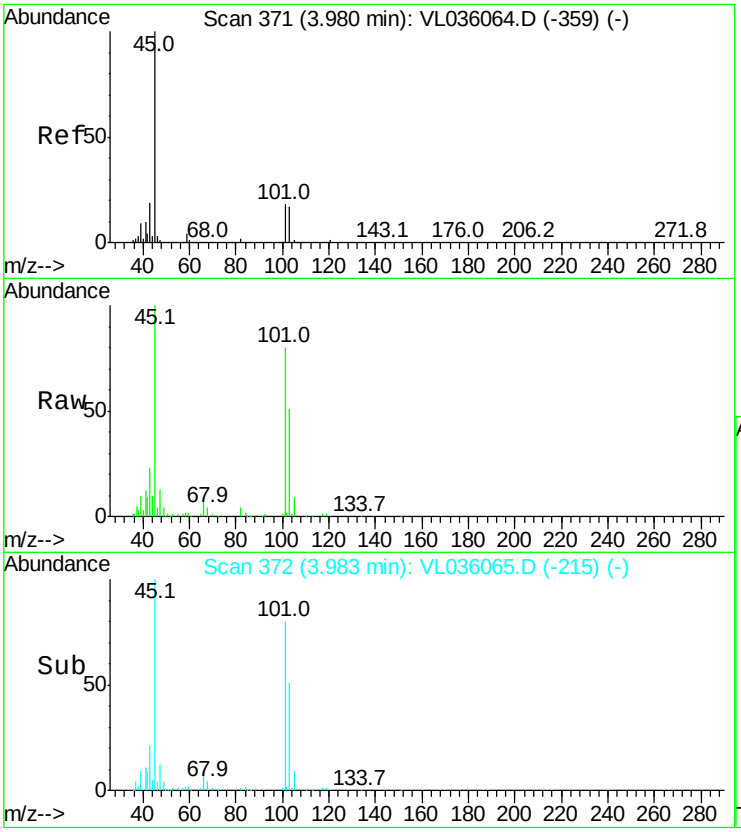


#18
1,1-Dichloroethene
Concen: 0.935 ppbv
RT: 4.30 min Scan# 471
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Tgt Ion: 96 Resp: 96752

Ion	Ratio	Lower	Upper
96	100		
61	226.1	171.4	257.2
98	68.7	54.2	81.2



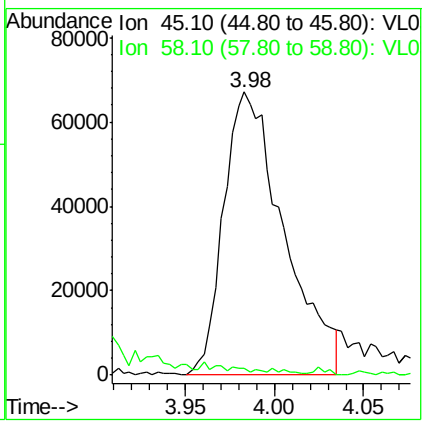


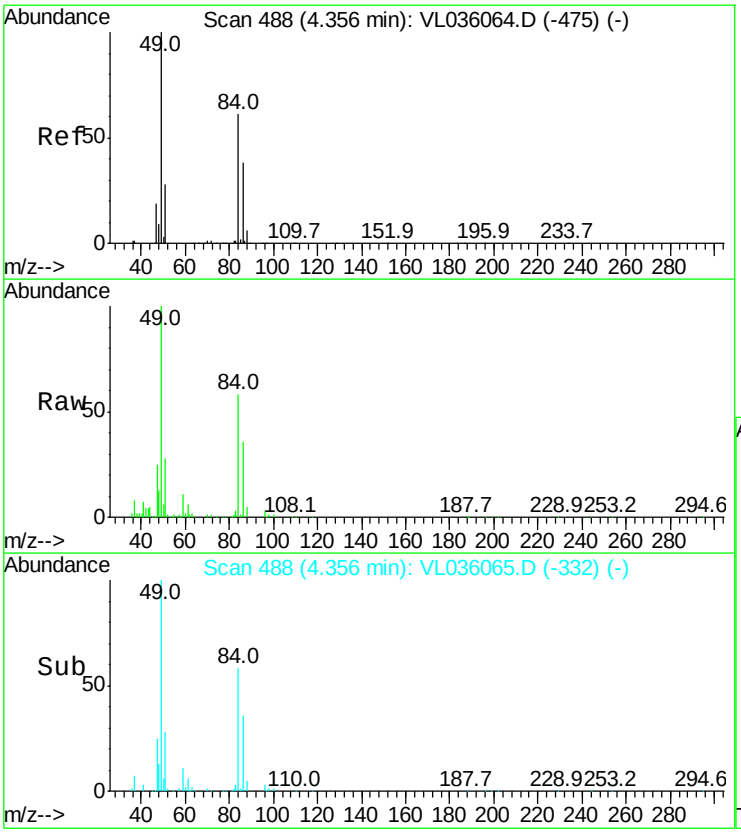
#19
Isopropyl Alcohol
Concen: 2.140 ppbv
RT: 3.98 min Scan# 372
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 45 Resp: 156660

Ion	Ratio	Lower	Upper
45	100		
58	69.8	0.0	0.0#

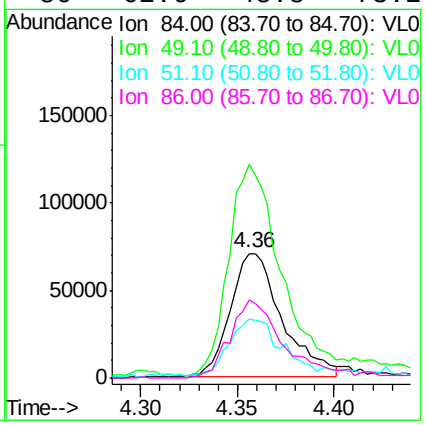


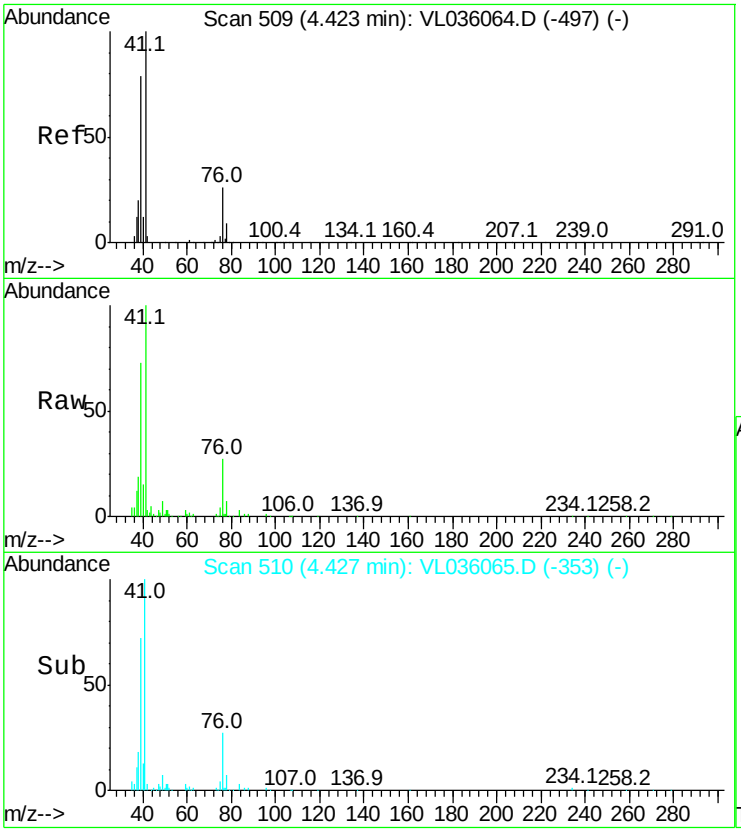


#20
Methylene Chloride
Concen: 1.121 ppbv
RT: 4.36 min Scan# 488
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Tgt Ion: 84 Resp: 132405

Ion	Ratio	Lower	Upper
84	100		
49	170.3	133.0	199.4
51	46.7	38.9	58.3
86	62.6	48.8	73.2



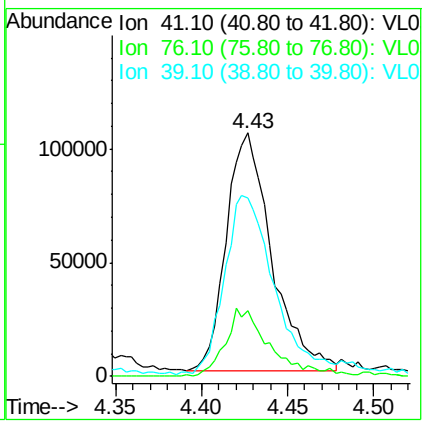


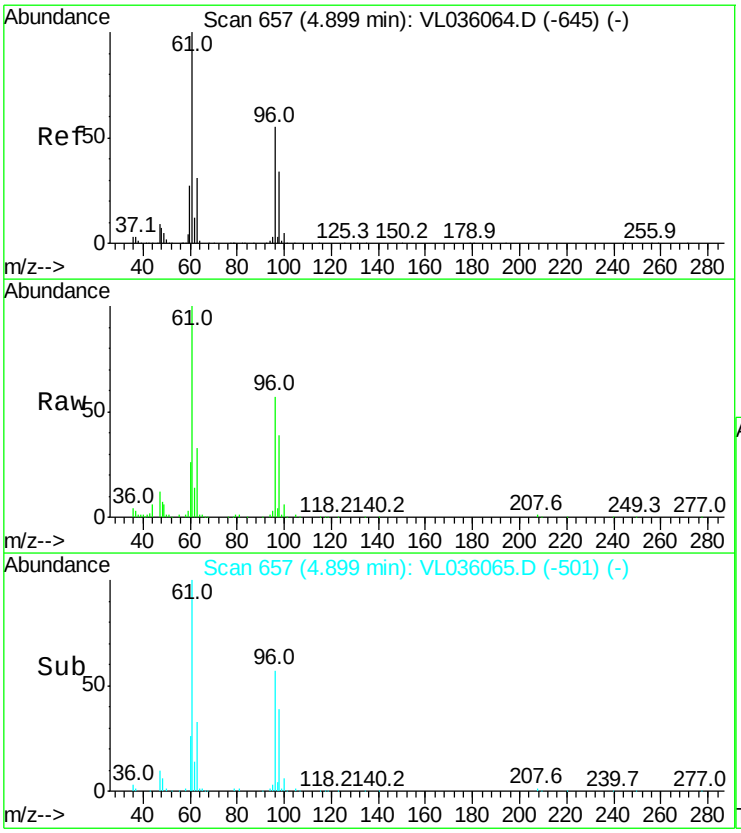
#21
Allyl Chloride
Concen: 2.679 ppbv
RT: 4.43 min Scan# 510
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 41 Resp: 194848

Ion	Ratio	Lower	Upper
41	100		
76	28.6	21.0	31.4
39	87.5	66.0	99.0

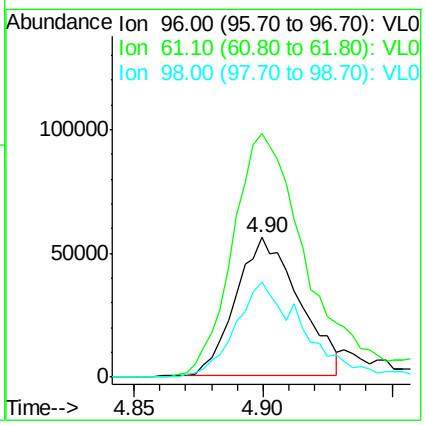


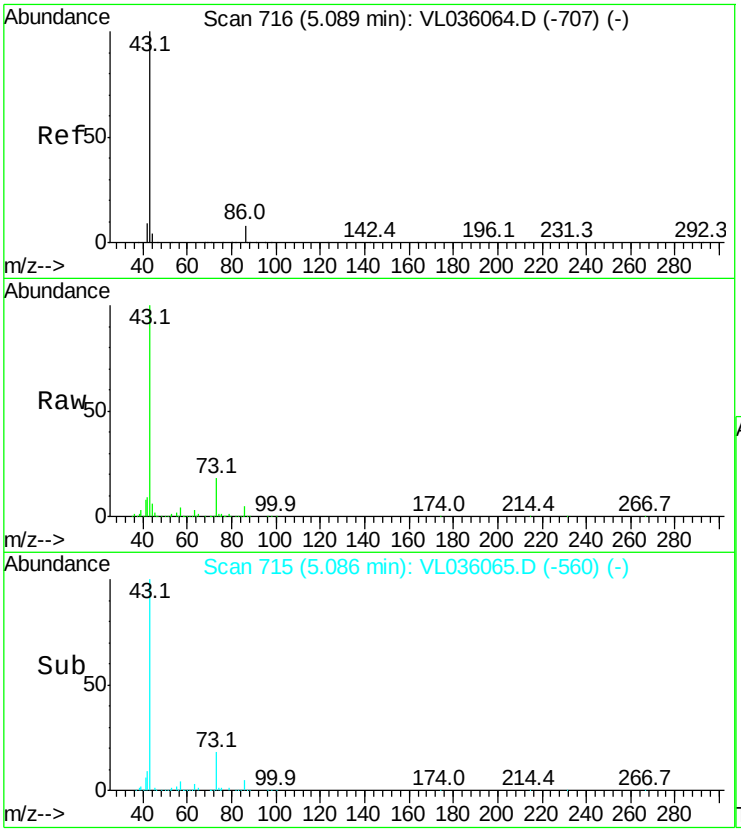


#22
trans-1,2-Dichloroethene
Concen: 0.931 ppbv
RT: 4.90 min Scan# 657
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Tgt Ion: 96 Resp: 95607

Ion	Ratio	Lower	Upper
96	100		
61	173.1	145.7	218.5
98	67.2	49.2	73.8



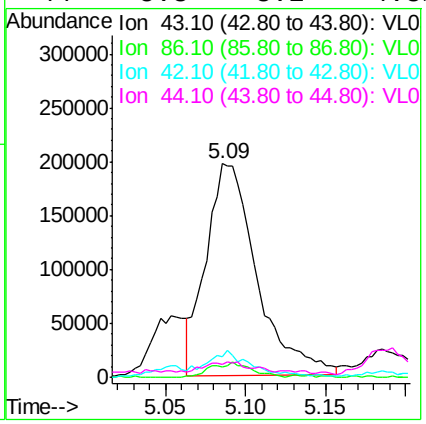


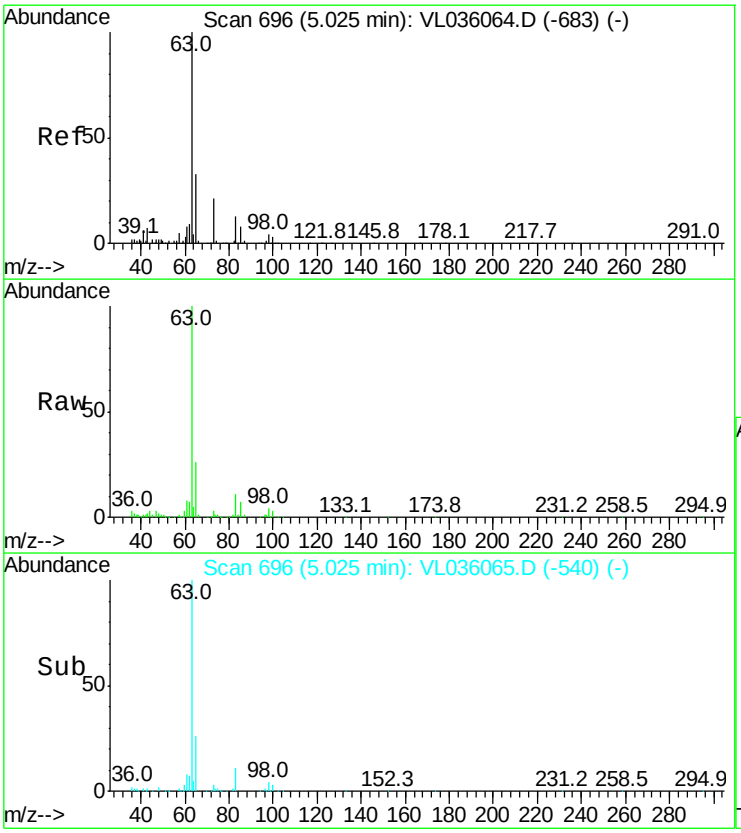
#23
Vinyl Acetate
Concen: 2.662 ppbv
RT: 5.09 min Scan# 715
Delta R.T. -0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 428976

Ion	Ratio	Lower	Upper
43	100		
86	4.8	5.0	7.4#
42	9.1	7.8	11.6
44	5.3	3.2	4.8#

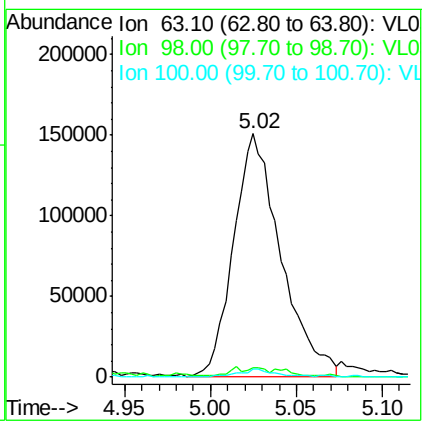


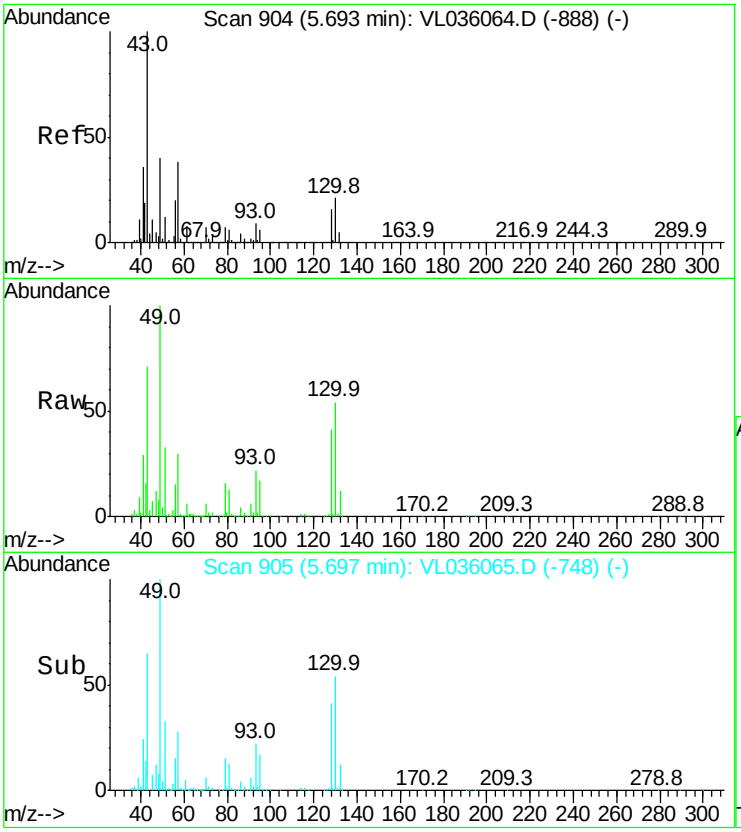


#24
1,1-Dichloroethane
Concen: 1.577 ppbv
RT: 5.02 min Scan# 696
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Tgt Ion: 63 Resp: 290382

Ion	Ratio	Lower	Upper
63	100		
98	3.5	2.2	6.6
100	3.3	1.5	4.4



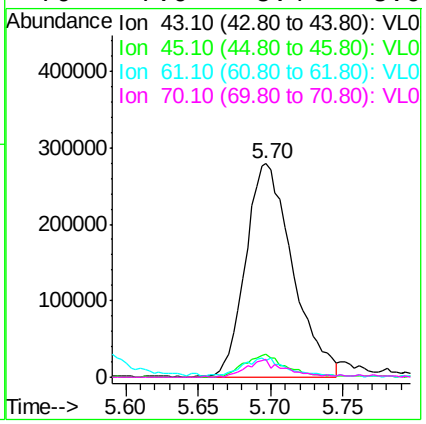


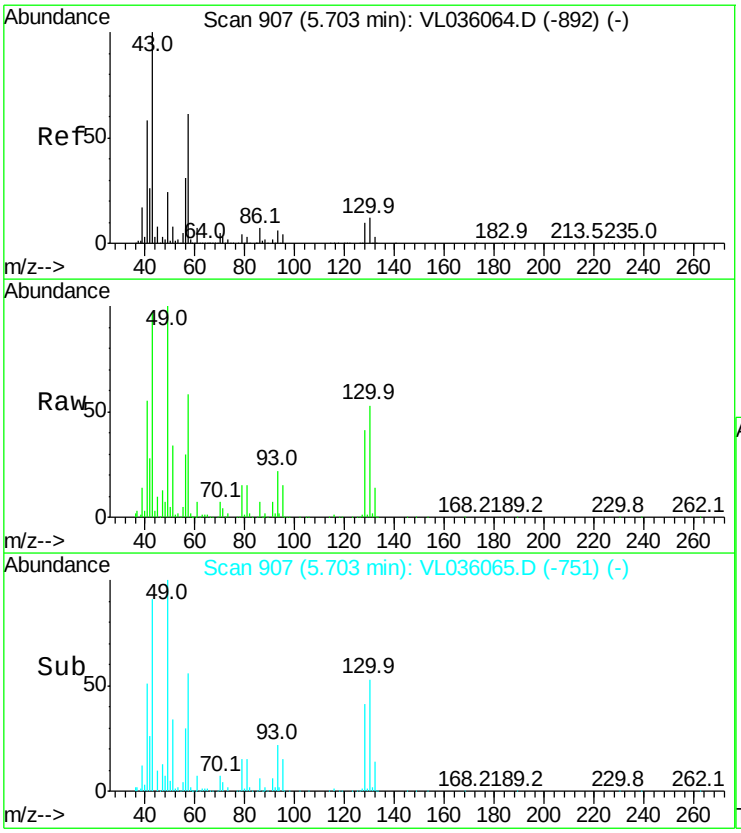
#25
Ethyl Acetate
Concen: 2.291 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 628806

Ion	Ratio	Lower	Upper
43	100		
45	10.0	8.2	12.4
61	8.5	7.4	11.2
70	7.0	5.4	8.0

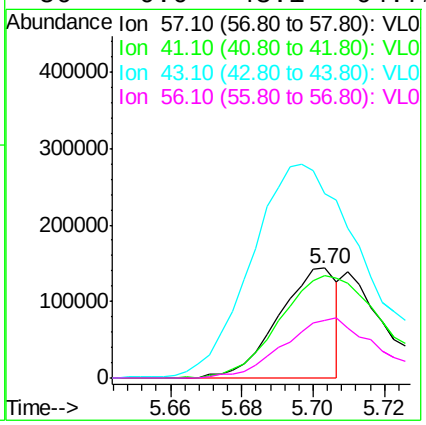


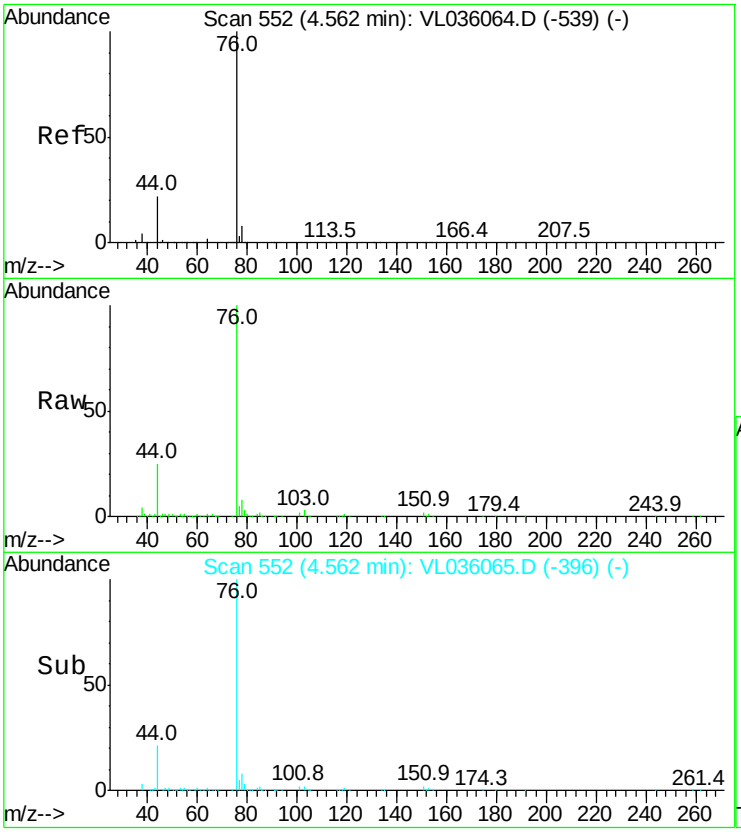


#26
Hexane
Concen: 1.116 ppbv
RT: 5.70 min Scan# 907
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Tgt Ion: 57 Resp: 162596

Ion	Ratio	Lower	Upper
57	100		
41	182.2	82.9	124.3#
43	404.6	199.9	299.9#
56	0.0	43.1	64.7#



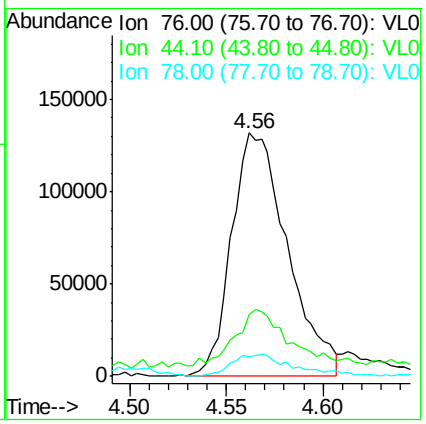


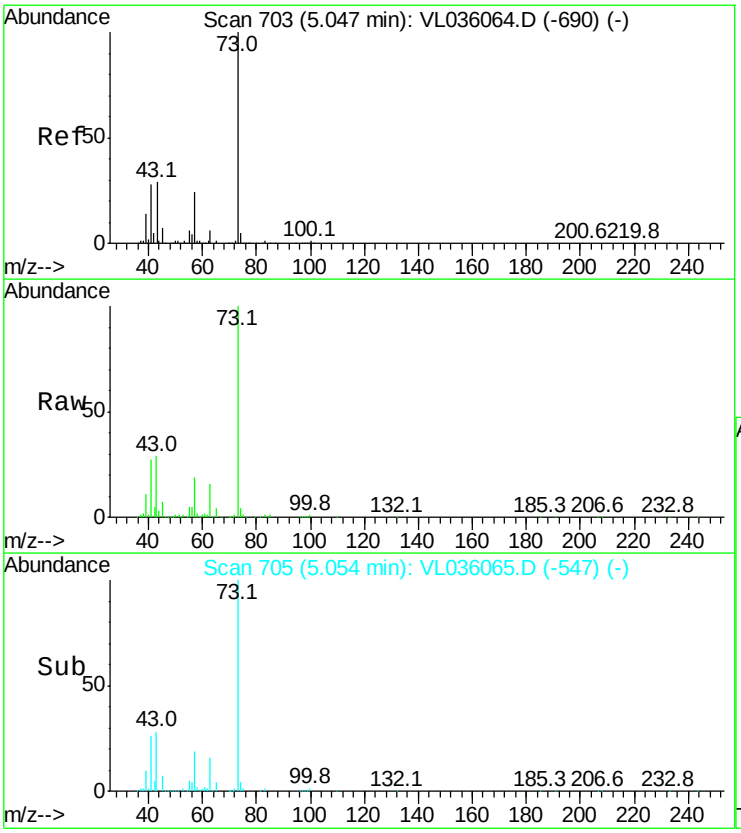
#27
Carbon Disulfide
Concen: 1.244 ppbv
RT: 4.56 min Scan# 552
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 76 Resp: 264081

Ion	Ratio	Lower	Upper
76	100		
44	25.8	17.9	26.9
78	10.7	7.8	11.8

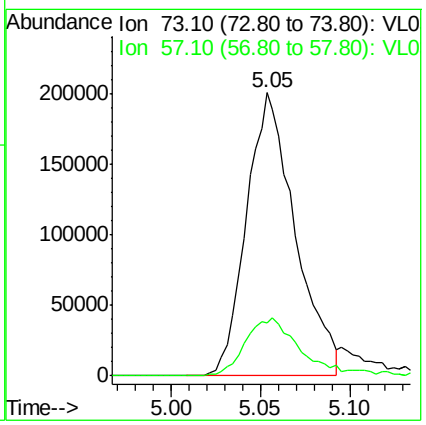


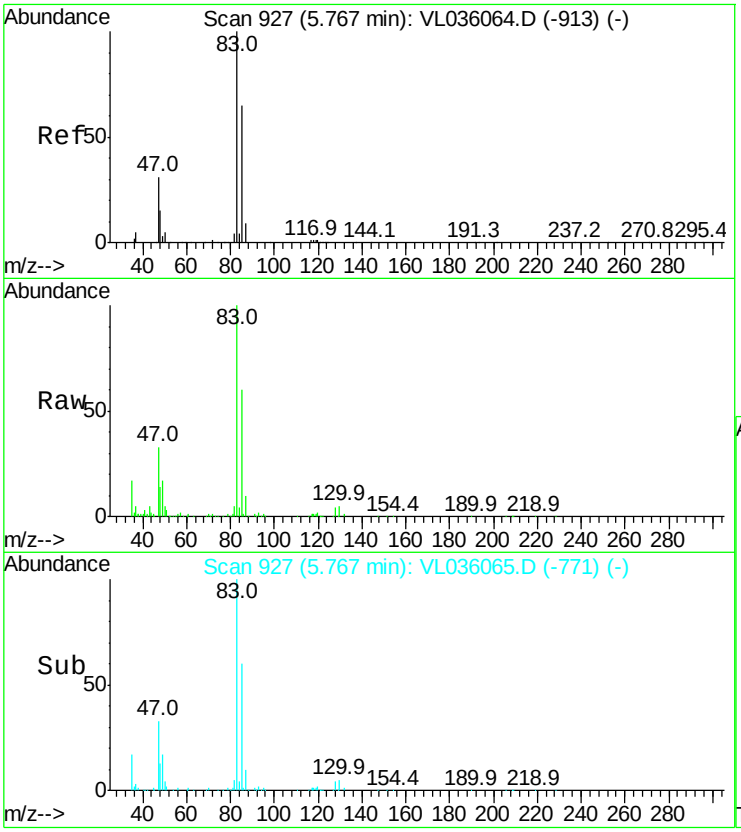


#28
Methyl tert-Butyl Ether
Concen: 1.764 ppbv
RT: 5.05 min Scan# 705
Delta R.T. 0.01 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Tgt Ion: 73 Resp: 383161

Ion	Ratio	Lower	Upper
73	100		
57	23.3	19.2	28.8



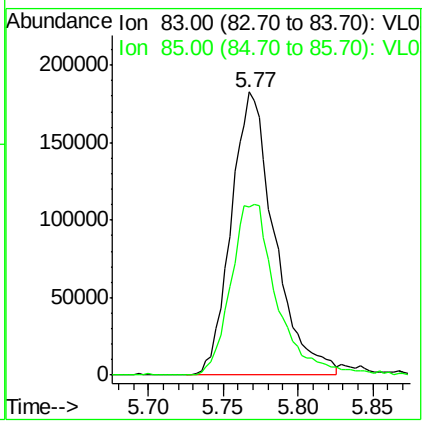


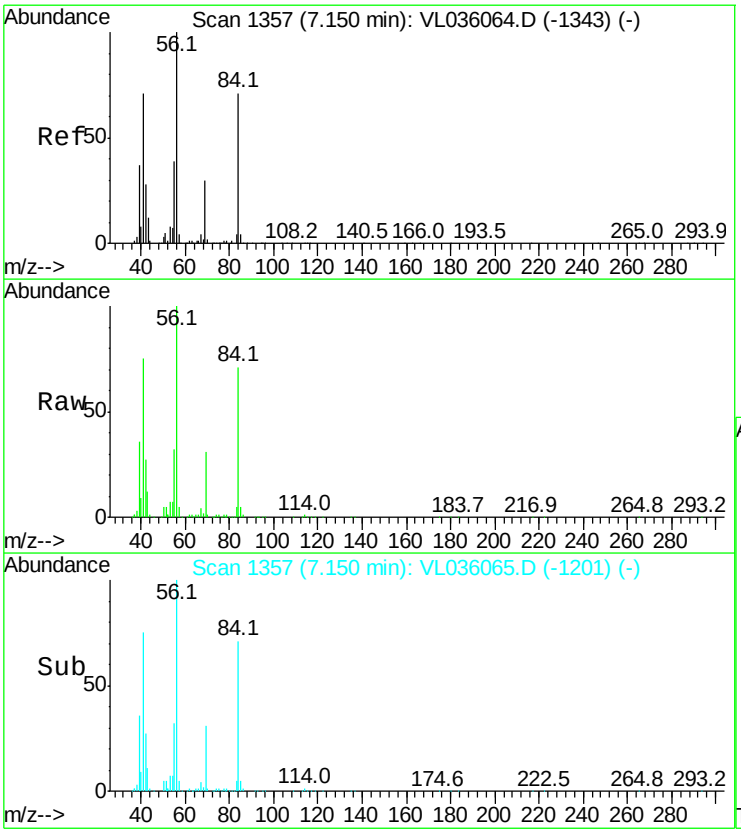
#29
Chloroform
Concen: 1.341 ppbv
RT: 5.77 min Scan# 927
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 83 Resp: 369221

Ion	Ratio	Lower	Upper
83	100		
85	59.5	51.8	77.6

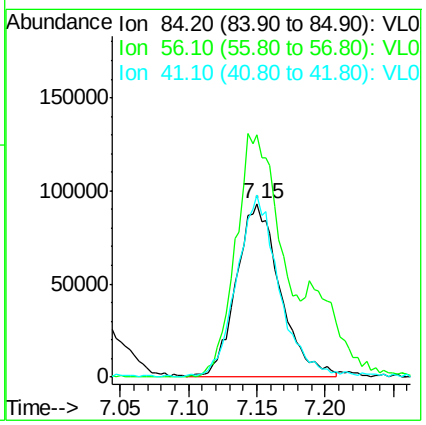


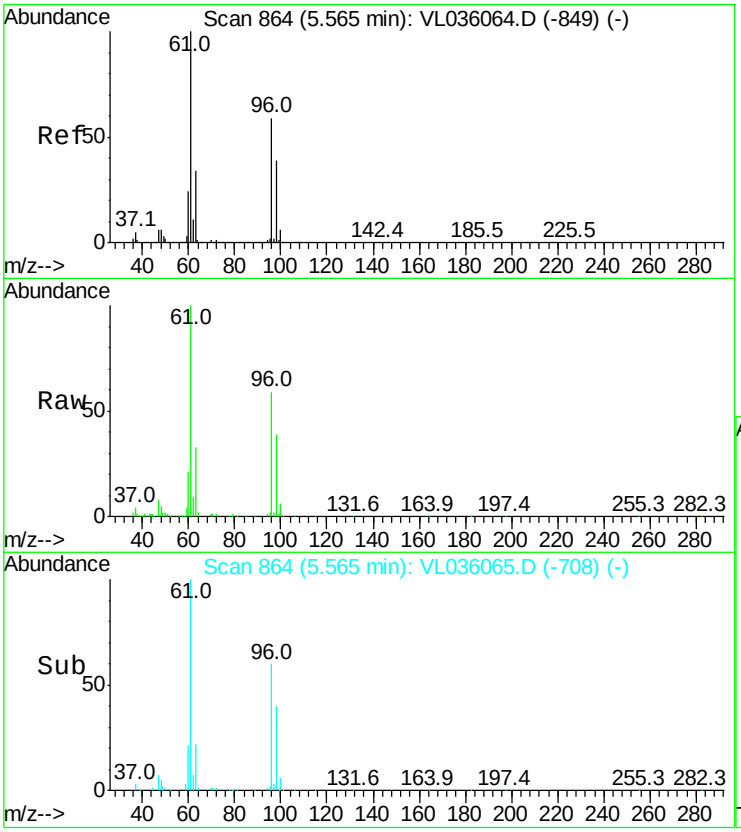


#30
Cyclohexane
Concen: 1.491 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Tgt Ion: 84 Resp: 205075

Ion	Ratio	Lower	Upper
84	100		
56	190.6	128.0	192.0
41	105.7	81.3	121.9



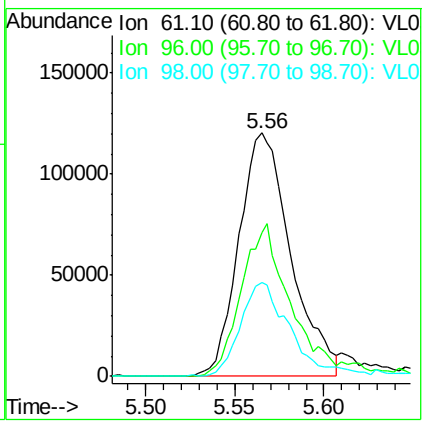


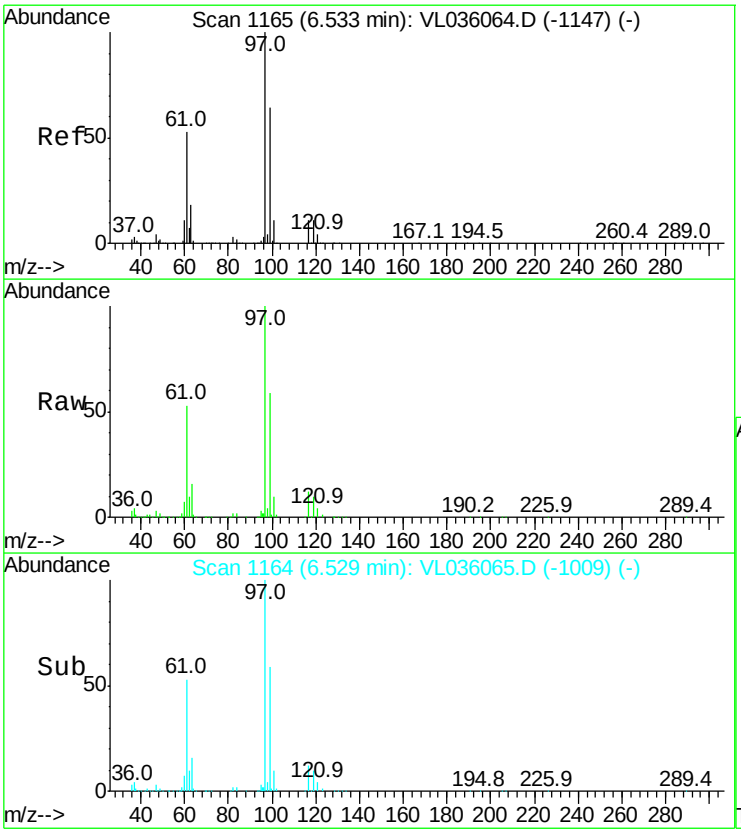
#31
cis-1,2-Dichloroethene
Concen: 1.830 ppbv
RT: 5.56 min Scan# 864
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 61 Resp: 244093

Ion	Ratio	Lower	Upper
61	100		
96	58.8	47.3	70.9
98	38.8	31.4	47.0

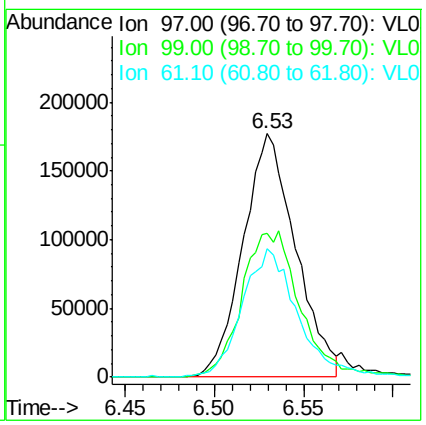


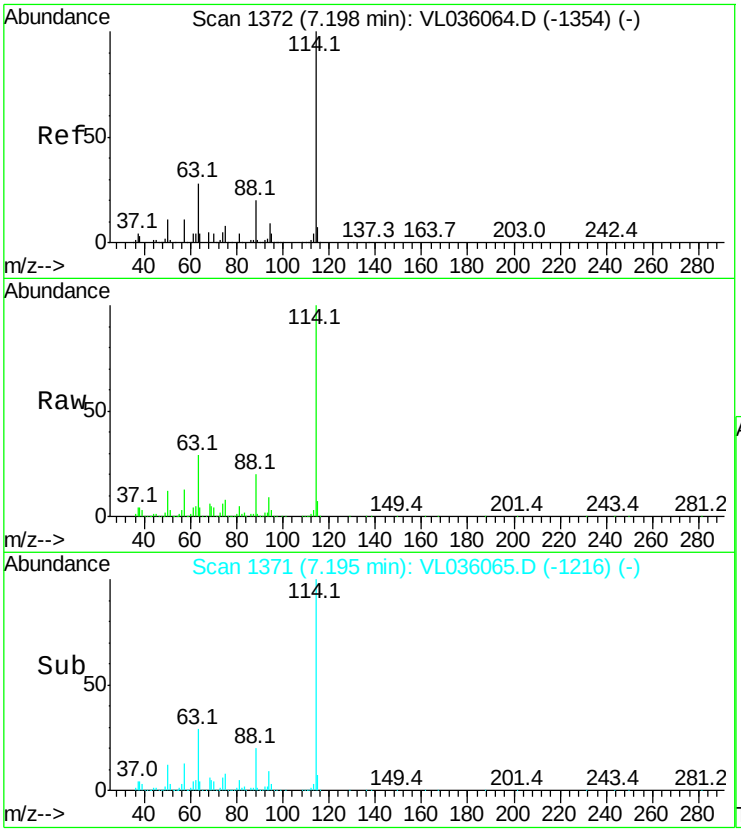


#32
1,1,1-Trichloroethane
Concen: 1.443 ppbv
RT: 6.53 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Tgt Ion: 97 Resp: 364407

Ion	Ratio	Lower	Upper
97	100		
99	67.1	52.4	78.6
61	56.6	43.4	65.0



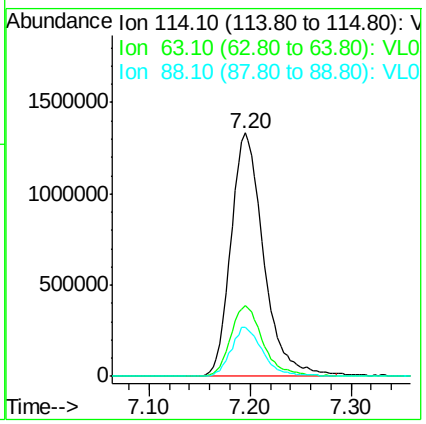


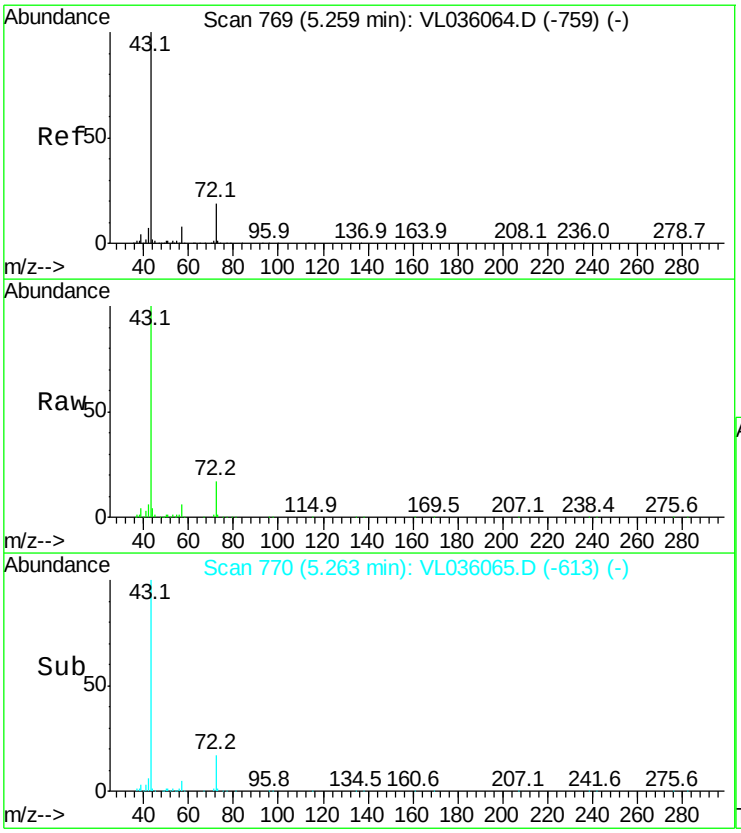
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:114 Resp: 3004411

Ion	Ratio	Lower	Upper
114	100		
63	29.1	23.6	35.4
88	19.8	15.8	23.6

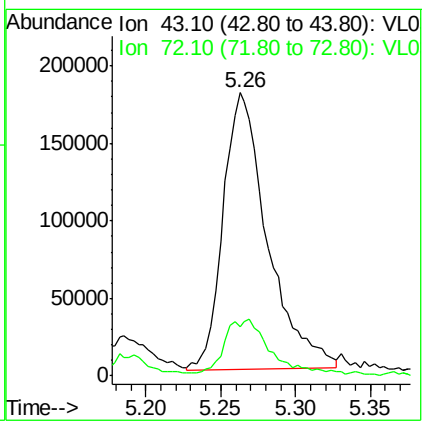


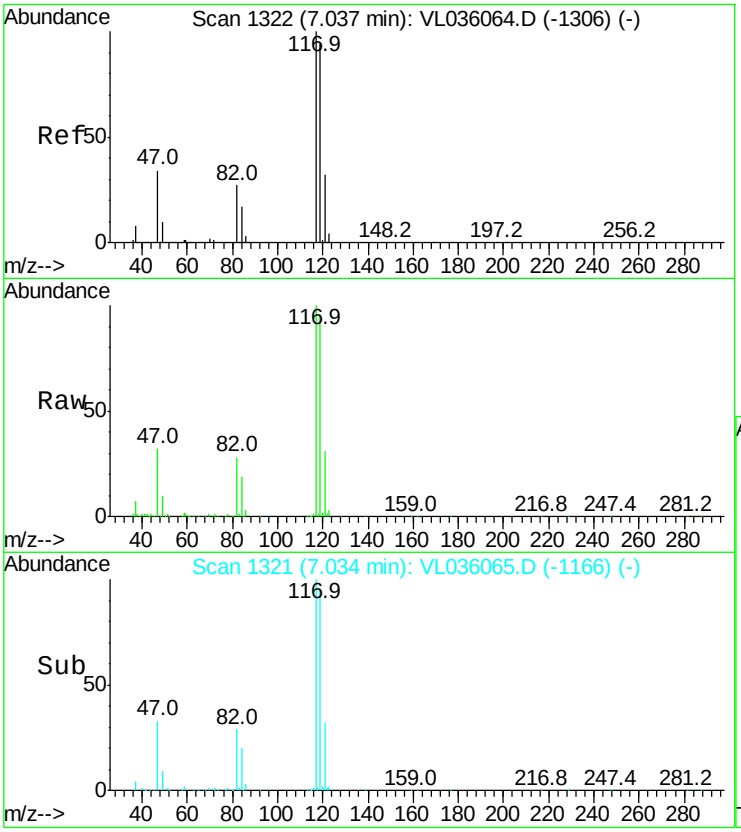


#34
2-Butanone
Concen: 3.585 ppbv
RT: 5.26 min Scan# 770
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Tgt Ion: 43 Resp: 369182

Ion	Ratio	Lower	Upper
43	100		
72	22.5	16.5	24.7



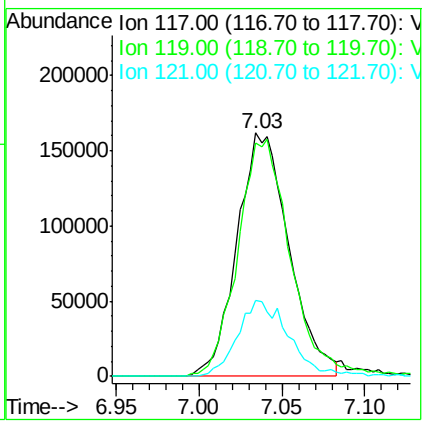


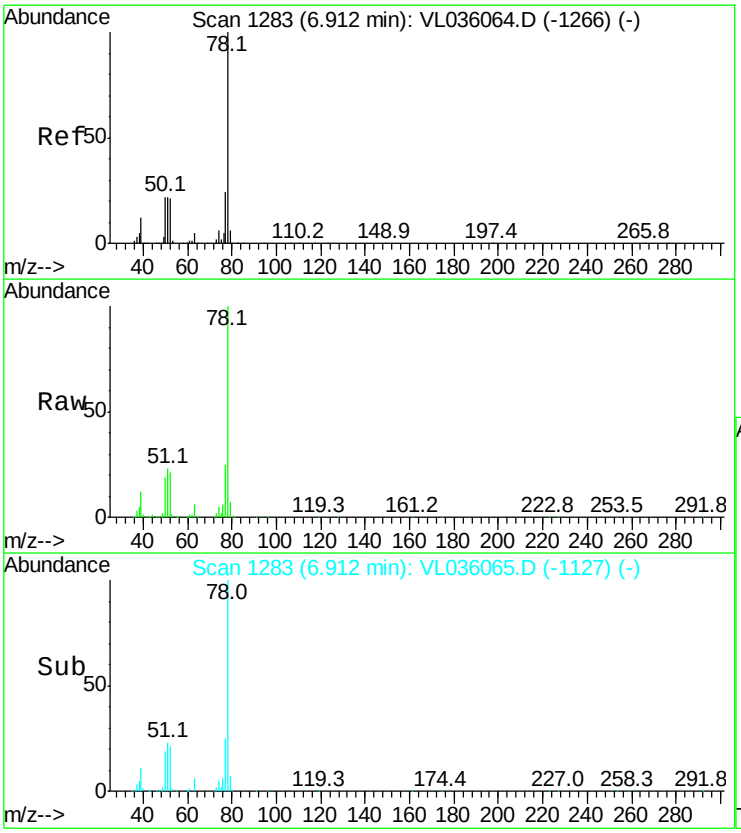
#35
Carbon Tetrachloride
Concen: 2.247 ppbv
RT: 7.03 min Scan# 1321
Delta R.T. -0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:117 Resp: 352995

Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.1	112.7
121	30.9	25.6	38.4

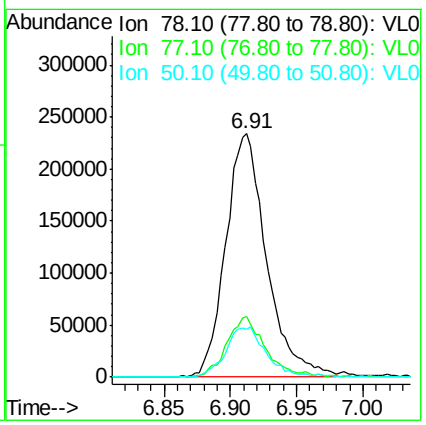


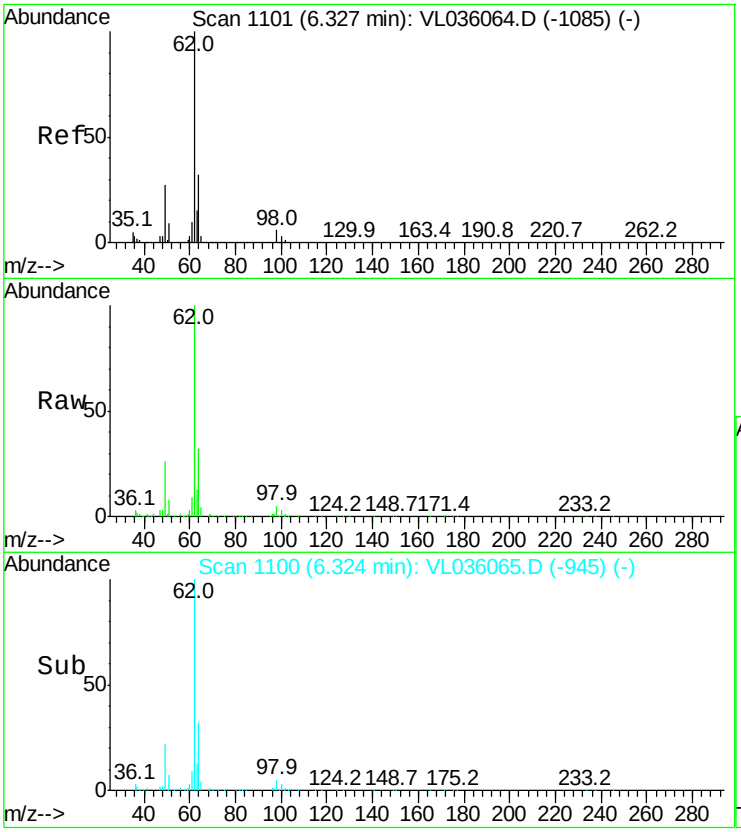


#36
Benzene
Concen: 2.415 ppbv
RT: 6.91 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Tgt Ion: 78 Resp: 496272

Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.4	29.2
50	19.5	17.8	26.8



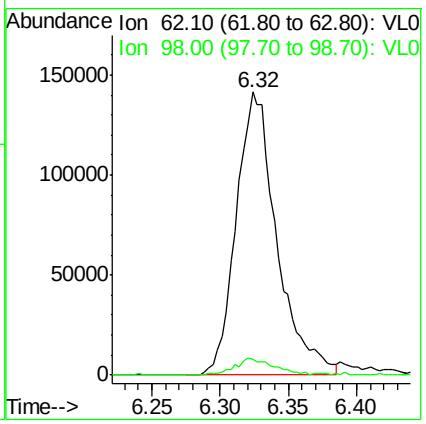


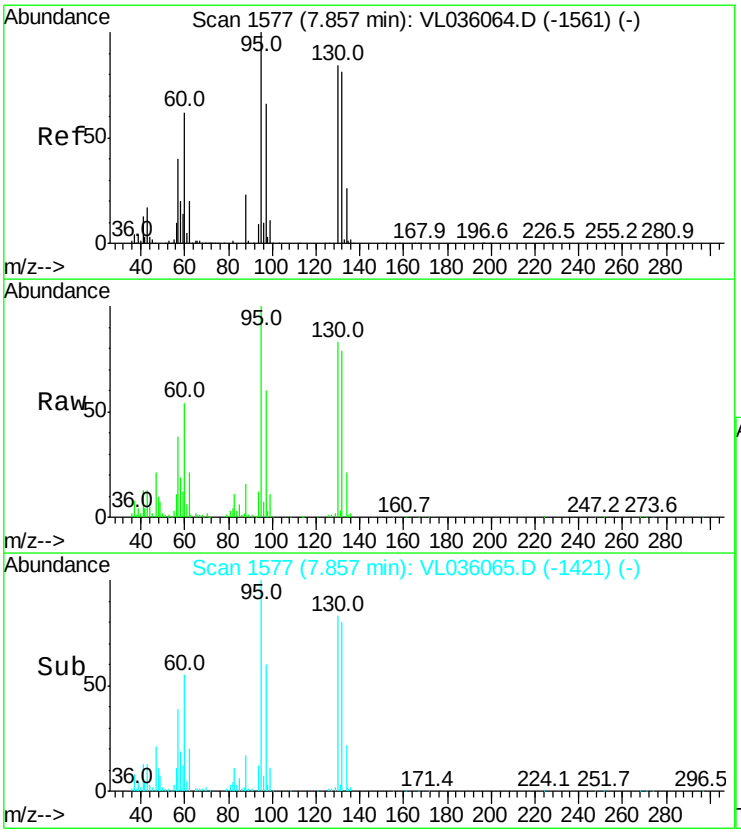
#37
1,2-Dichloroethane
Concen: 2.743 ppbv
RT: 6.32 min Scan# 1100
Delta R.T. -0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 62 Resp: 292381

Ion	Ratio	Lower	Upper
62	100		
98	6.2	4.6	7.0

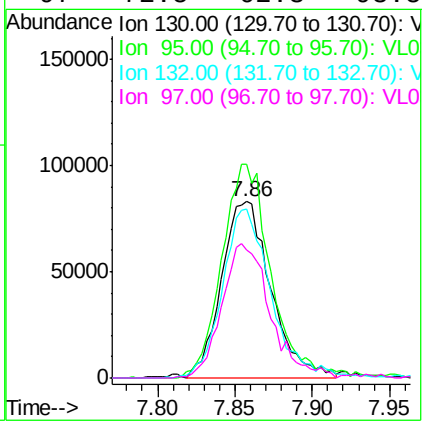


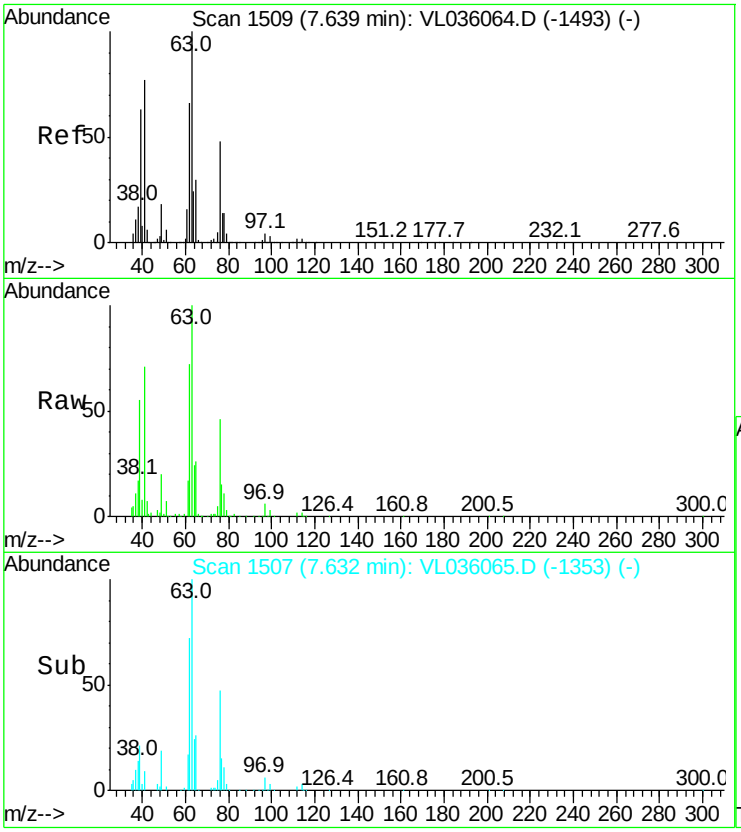


#38
Trichloroethene
Concen: 2.005 ppbv
RT: 7.86 min Scan# 1577
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Tgt Ion:130 Resp: 184337

Ion	Ratio	Lower	Upper
130	100		
95	117.8	95.2	142.8
132	94.2	76.9	115.3
97	72.5	62.3	93.5



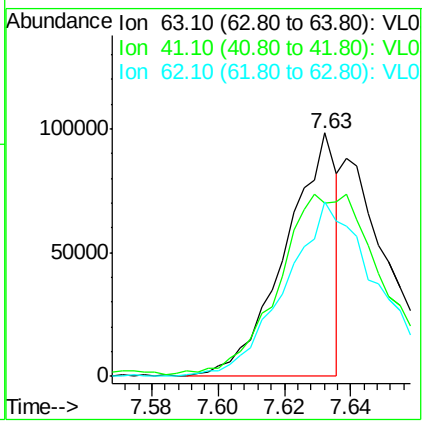


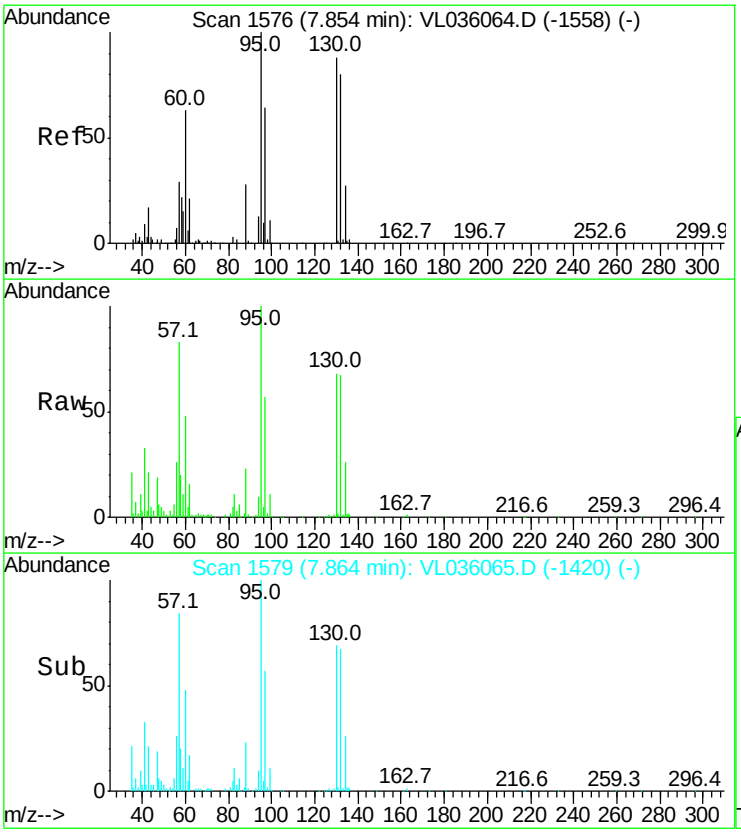
#39
1,2-Dichloropropane
Concen: 1.341 ppbv
RT: 7.63 min Scan# 1507
Delta R.T. -0.01 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 63 Resp: 105560

Ion	Ratio	Lower	Upper
63	100		
41	68.9	61.9	92.9
62	70.9	52.5	78.7

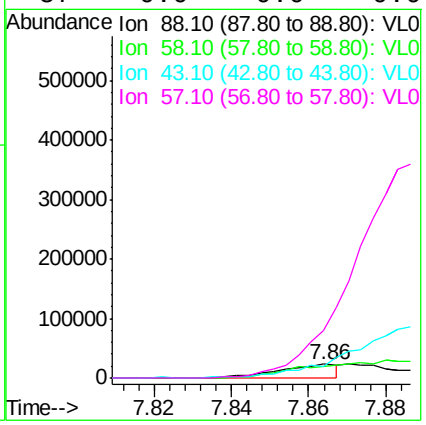


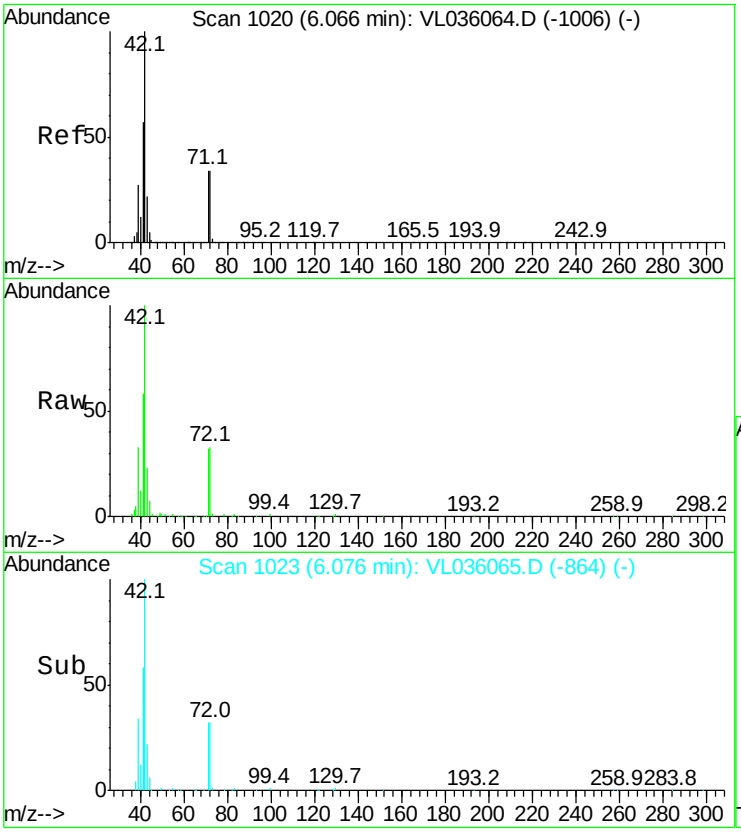


#40
1,4-Dioxane
Concen: 0.934 ppbv
RT: 7.86 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Tgt Ion: 88 Resp: 24509

Ion	Ratio	Lower	Upper
88	100		
58	0.0	122.6	184.0#
43	0.0	0.0	0.0
57	0.0	0.0	0.0



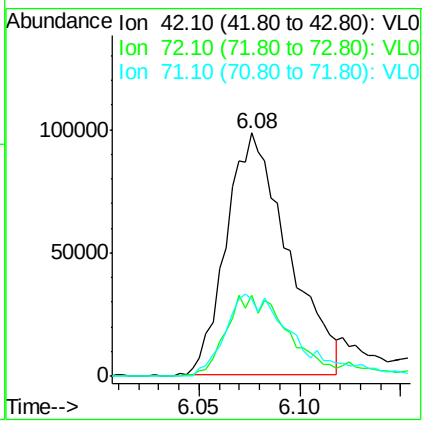


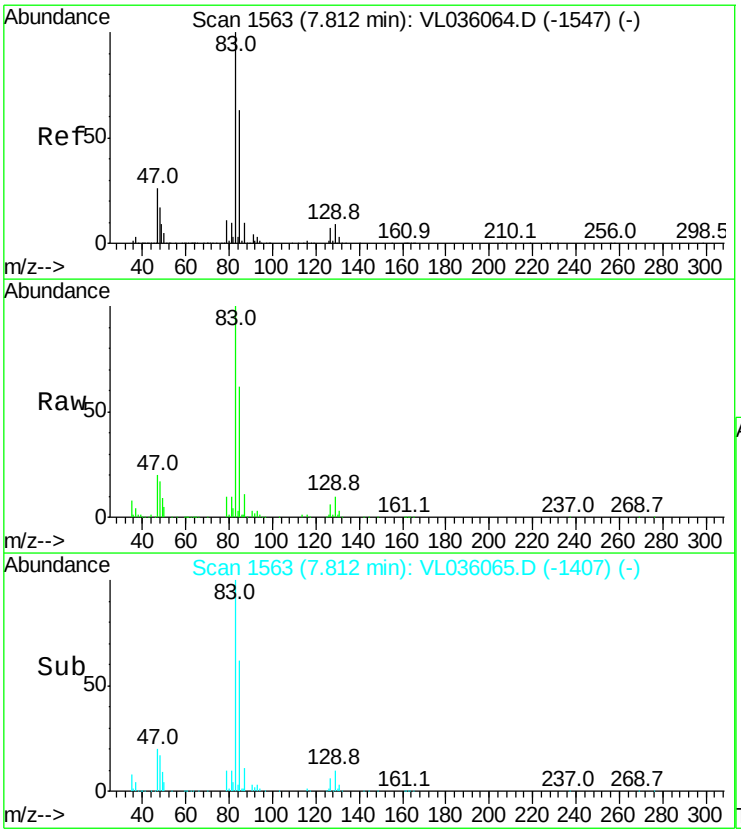
#41
Tetrahydrofuran
Concen: 3.892 ppbv
RT: 6.08 min Scan# 1023
Delta R.T. 0.01 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 42 Resp: 209225

Ion	Ratio	Lower	Upper
42	100		
72	38.2	28.3	42.5
71	39.9	27.3	40.9

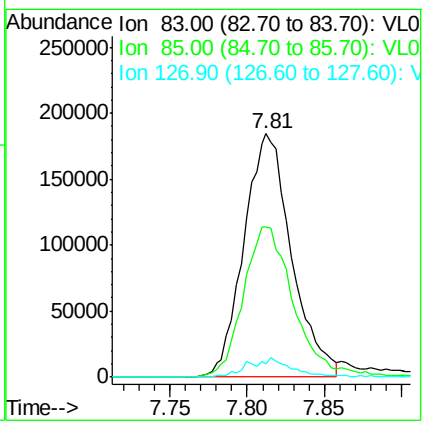


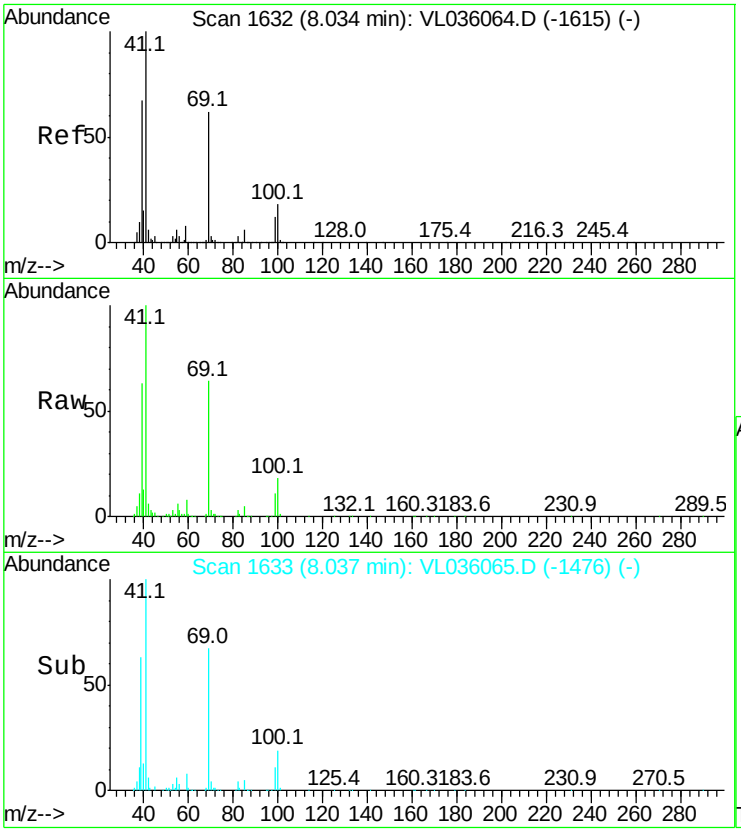


#42
Bromodichloromethane
Concen: 2.343 ppbv
RT: 7.81 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Tgt Ion: 83 Resp: 395010

Ion	Ratio	Lower	Upper
83	100		
85	61.7	50.2	75.2
127	5.6	5.5	8.3



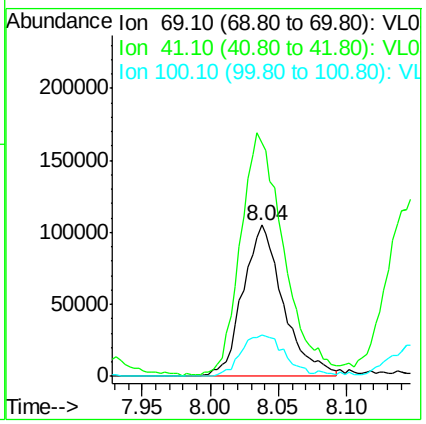


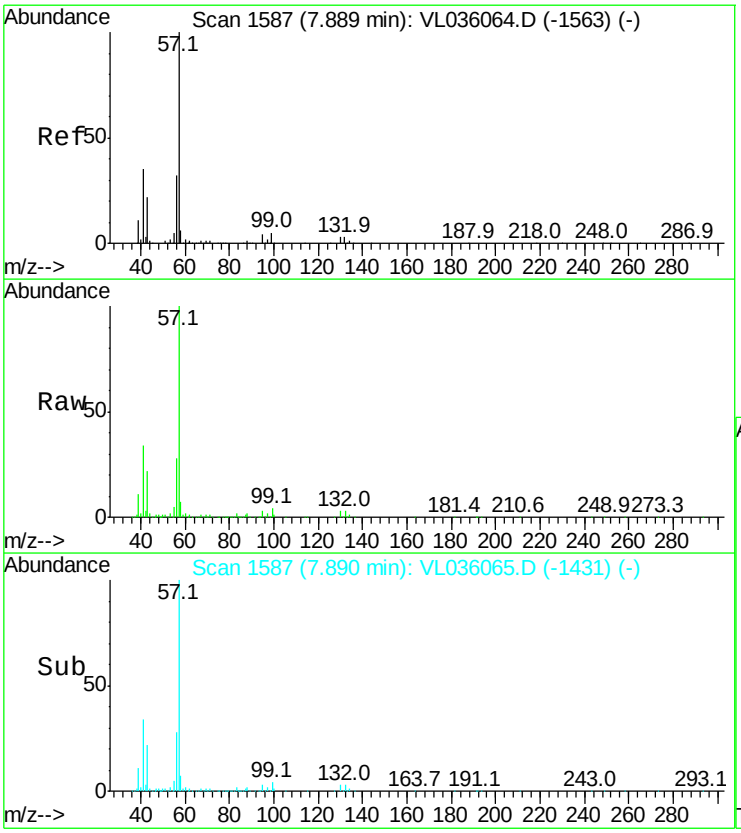
#43
Methyl Methacrylate
Concen: 2.887 ppbv
RT: 8.04 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 69 Resp: 216134

Ion	Ratio	Lower	Upper
69	100		
41	173.5	133.0	199.6
100	30.9	25.4	38.0

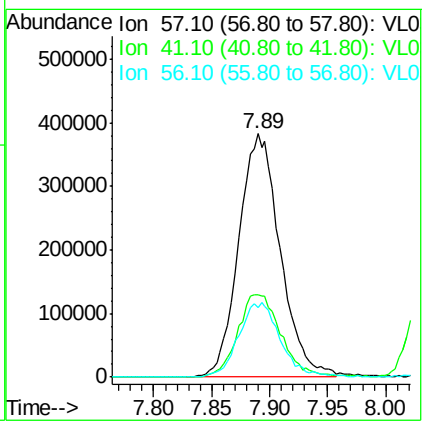


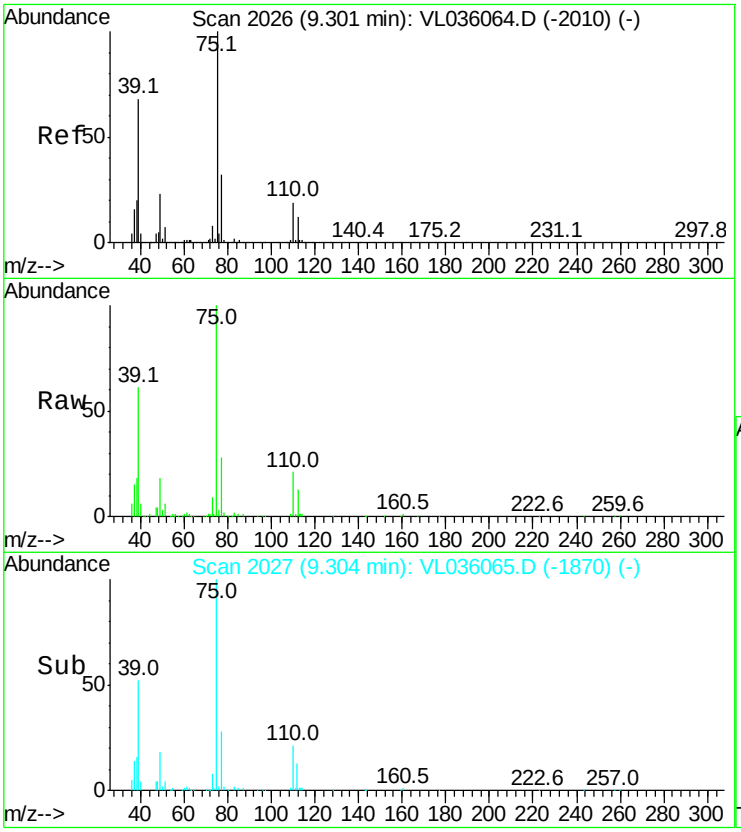


#44
2,2,4-Trimethylpentane
Concen: 3.111 ppbv
RT: 7.89 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Tgt Ion: 57 Resp: 947719

Ion	Ratio	Lower	Upper
57	100		
41	35.6	28.9	43.3
56	31.2	25.3	37.9



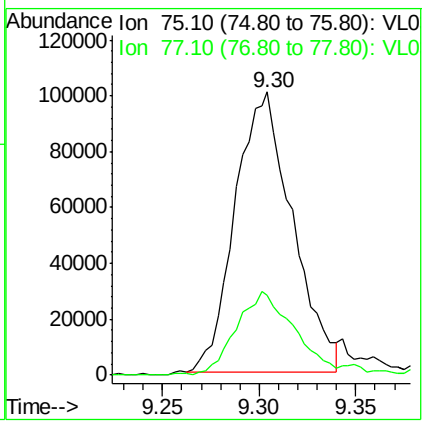


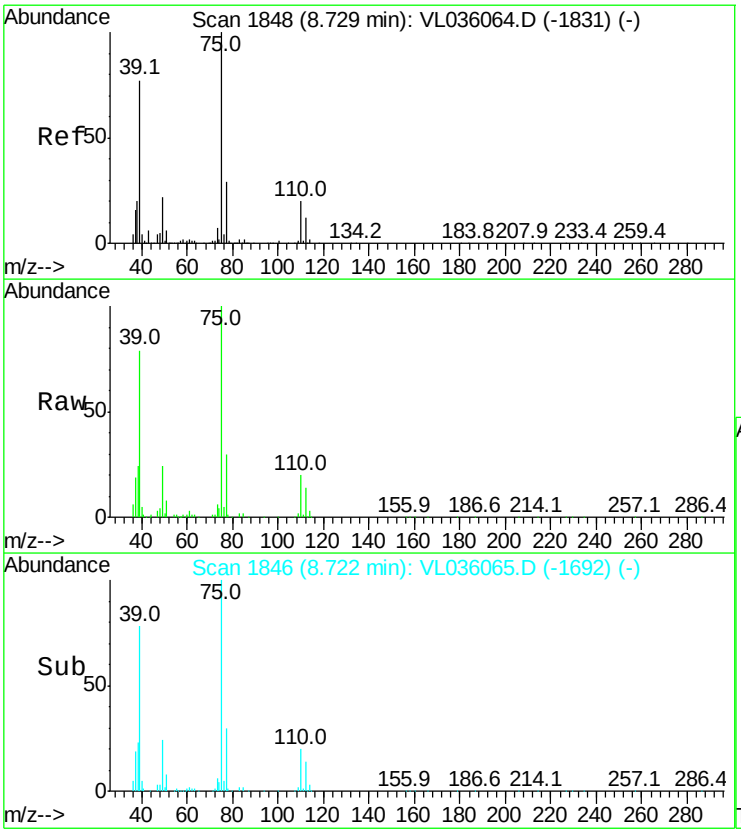
#45
t-1,3-Dichloropropene
Concen: 2.925 ppbv
RT: 9.30 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 75 Resp: 206952

Ion	Ratio	Lower	Upper
75	100		
77	28.0	26.0	39.0

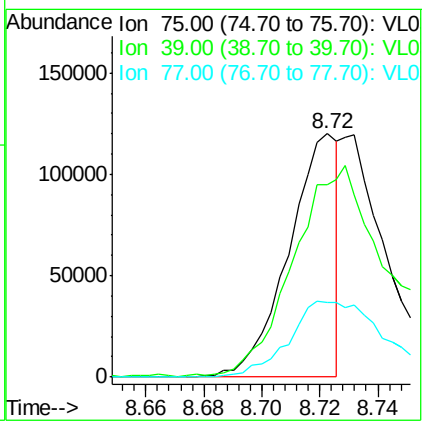


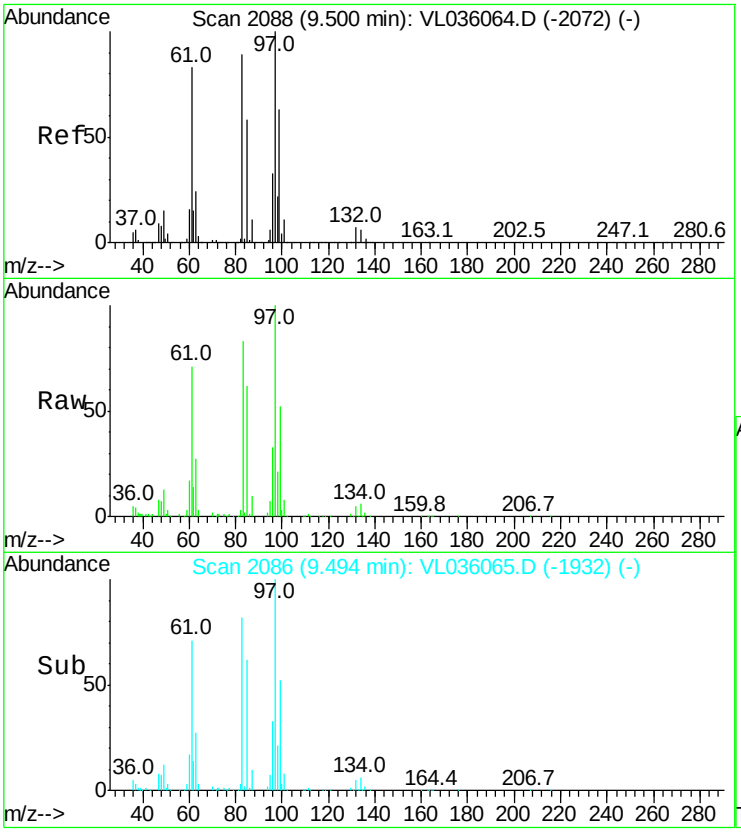


#46
cis-1,3-Dichloropropene
Concen: 1.486 ppbv
RT: 8.72 min Scan# 1846
Delta R.T. -0.01 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Tgt Ion: 75 Resp: 140983

Ion	Ratio	Lower	Upper
75	100		
39	78.6	61.6	92.4
77	30.4	23.0	34.6



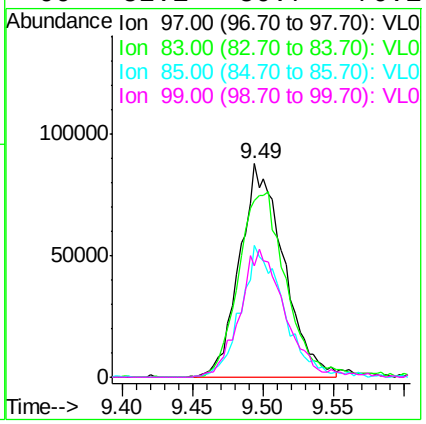


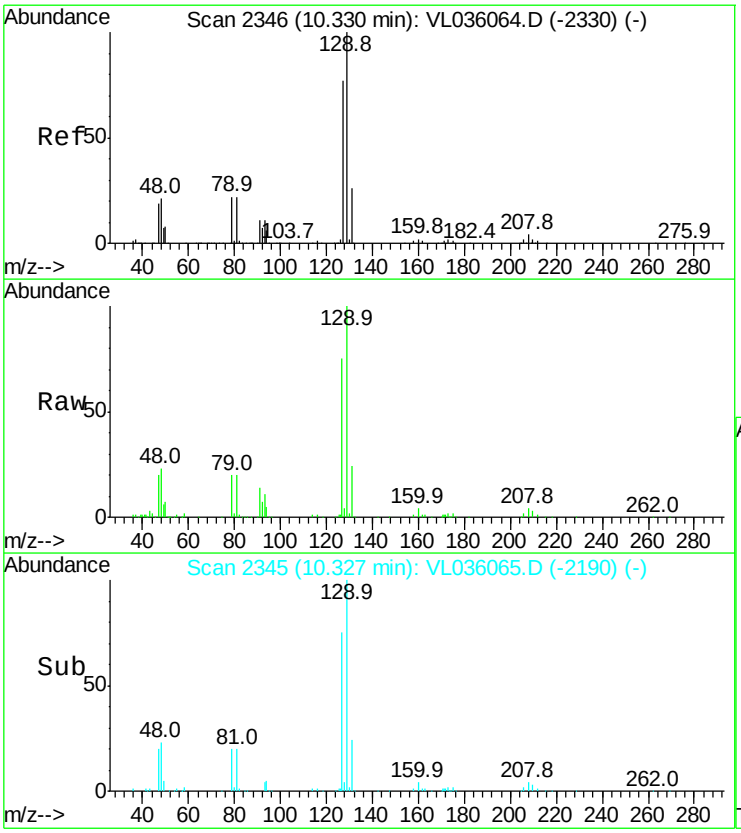
#47
1,1,2-Trichloroethane
Concen: 1.950 ppbv
RT: 9.49 min Scan# 2086
Delta R.T. -0.01 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 97 Resp: 192392

Ion	Ratio	Lower	Upper
97	100		
83	82.8	71.4	107.2
85	61.5	46.6	70.0
99	52.1	50.7	76.1

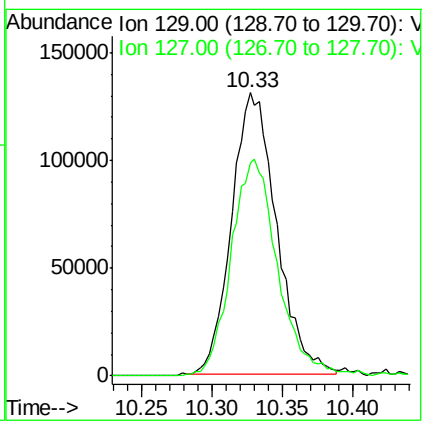


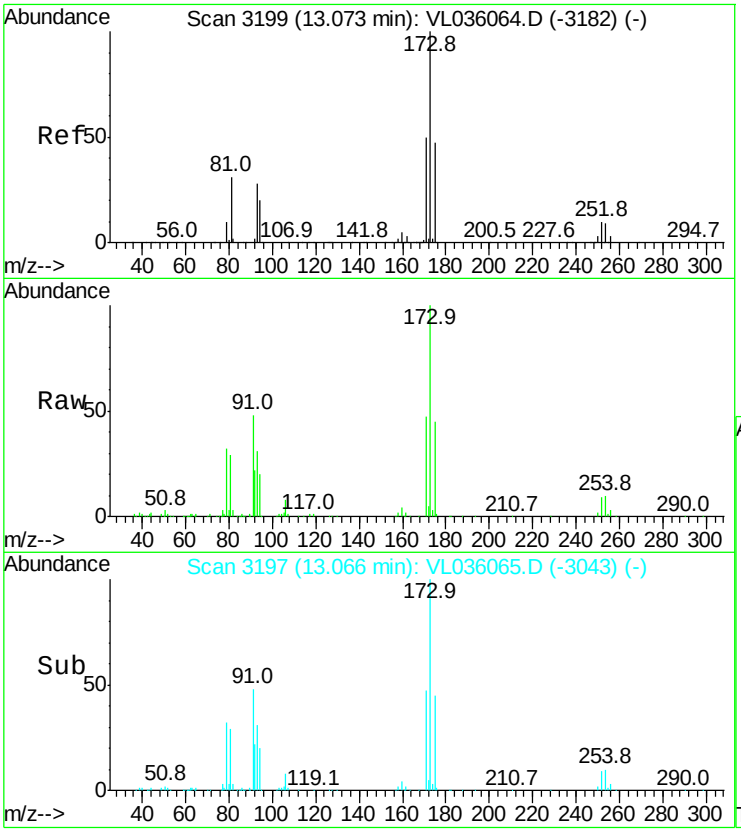


#48
Dibromochloromethane
Concen: 2.100 ppbv
RT: 10.33 min Scan# 2345
Delta R.T. -0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Tgt Ion:129 Resp: 291653

Ion	Ratio	Lower	Upper
129	100		
127	80.0	39.0	117.0



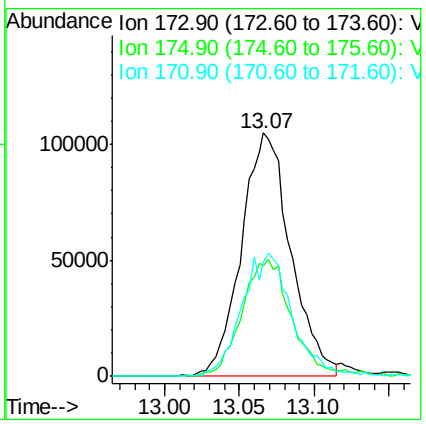


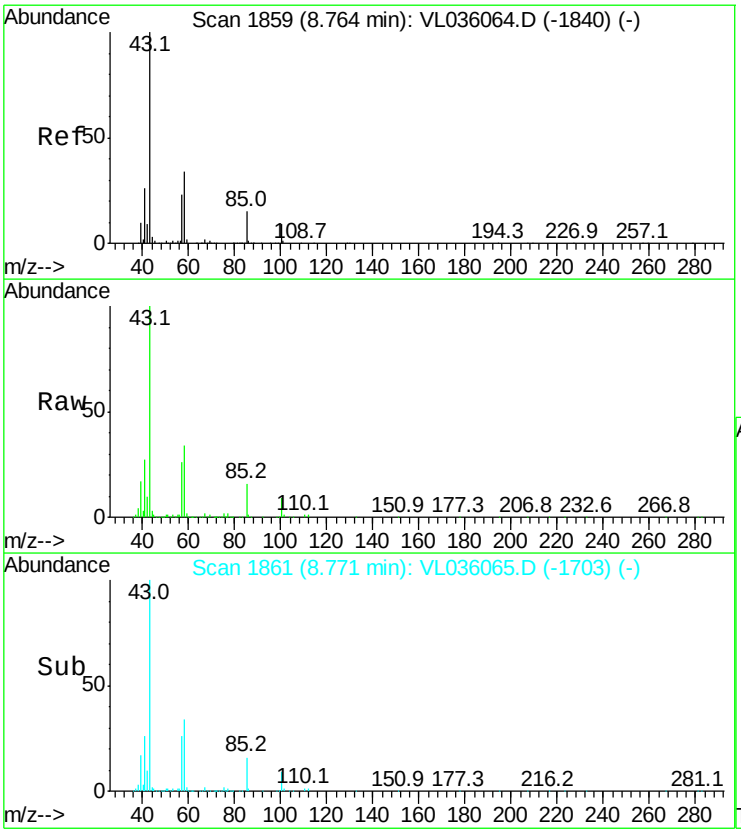
#49
Bromoform
Concen: 2.331 ppbv
RT: 13.07 min Scan# 3197
Delta R.T. -0.01 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:173 Resp: 240183

Ion	Ratio	Lower	Upper
173	100		
175	49.7	39.8	59.6
171	51.6	42.5	63.7

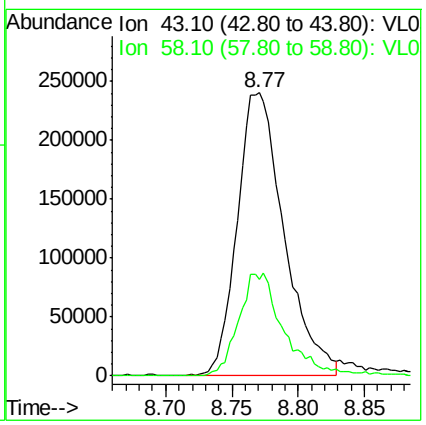


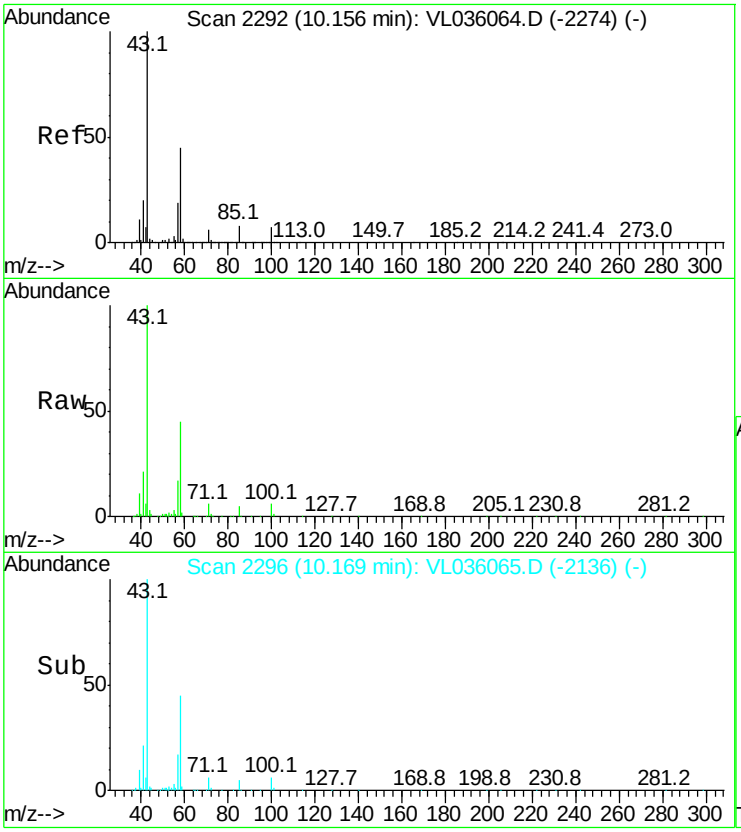


#50
4-Methyl-2-Pentanone
Concen: 3.792 ppbv
RT: 8.77 min Scan# 1861
Delta R.T. 0.01 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Tgt Ion: 43 Resp: 593584

Ion	Ratio	Lower	Upper
43	100		
58	35.1	27.4	41.2



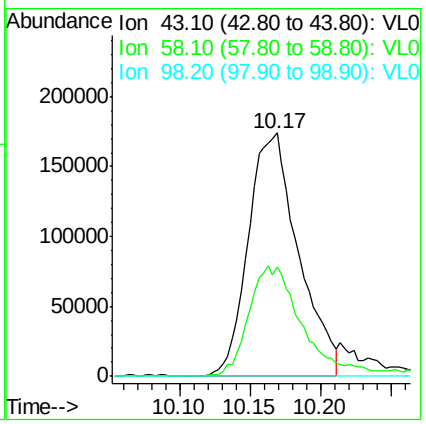


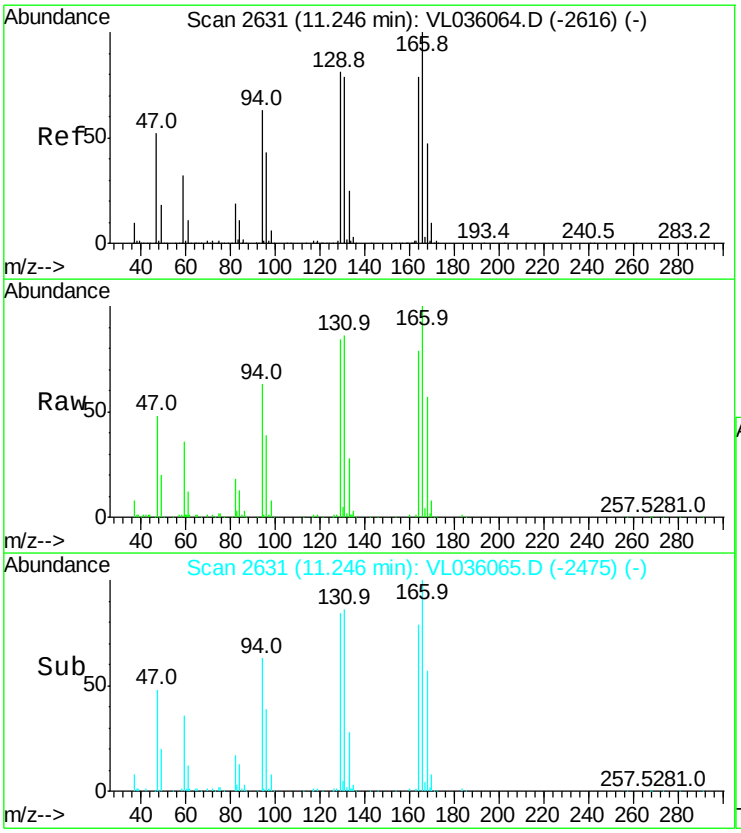
#51
2-Hexanone
Concen: 3.819 ppbv
RT: 10.17 min Scan# 2296
Delta R.T. 0.01 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 432493

Ion	Ratio	Lower	Upper
43	100		
58	50.9	38.7	58.1
98	0.0	0.1	0.1#

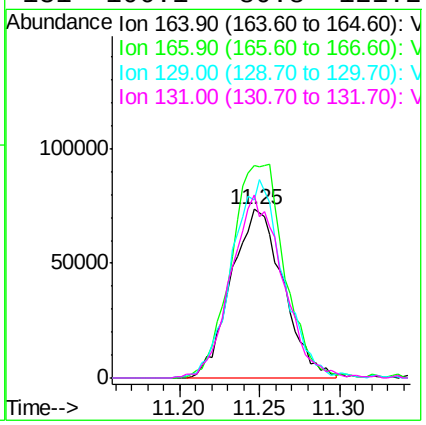


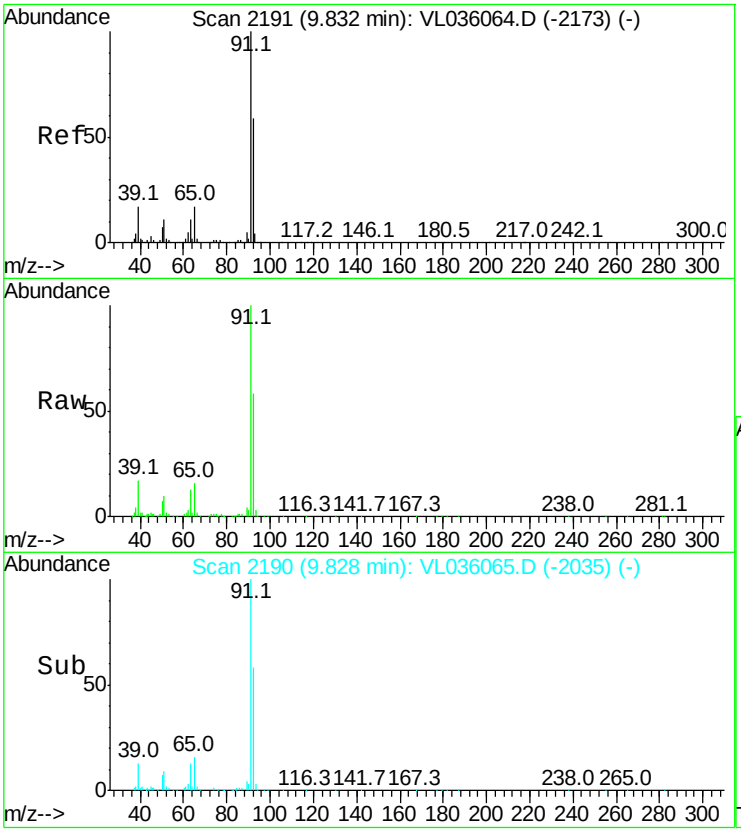


#52
Tetrachloroethene
Concen: 2.061 ppbv
RT: 11.25 min Scan# 2631
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Tgt Ion:164 Resp: 164222

Ion	Ratio	Lower	Upper
164	100		
166	124.9	101.9	152.9
129	104.3	82.1	123.1
131	106.1	80.8	121.2



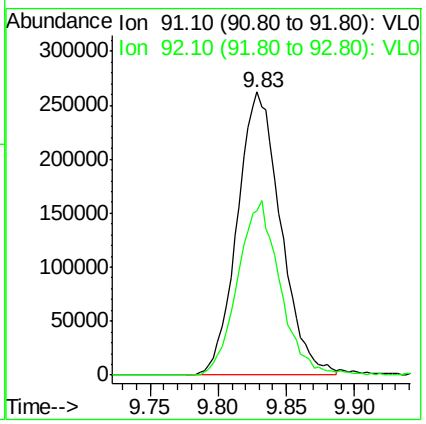


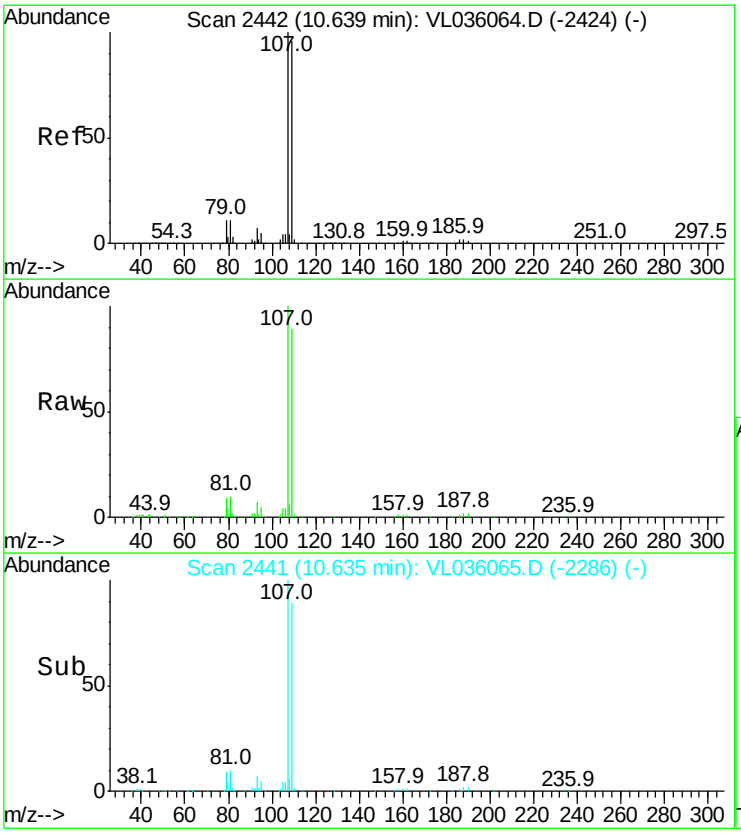
#53
Toluene
Concen: 2.596 ppbv
RT: 9.83 min Scan# 2190
Delta R.T. -0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 580873

Ion	Ratio	Lower	Upper
91	100		
92	60.1	48.2	72.2

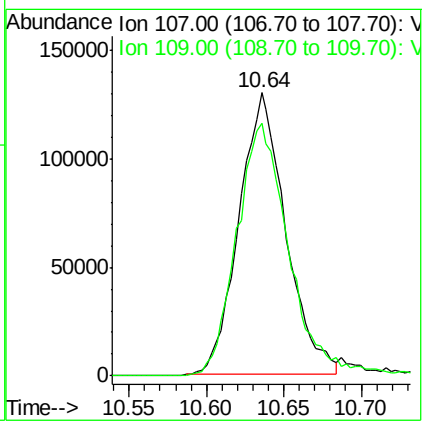


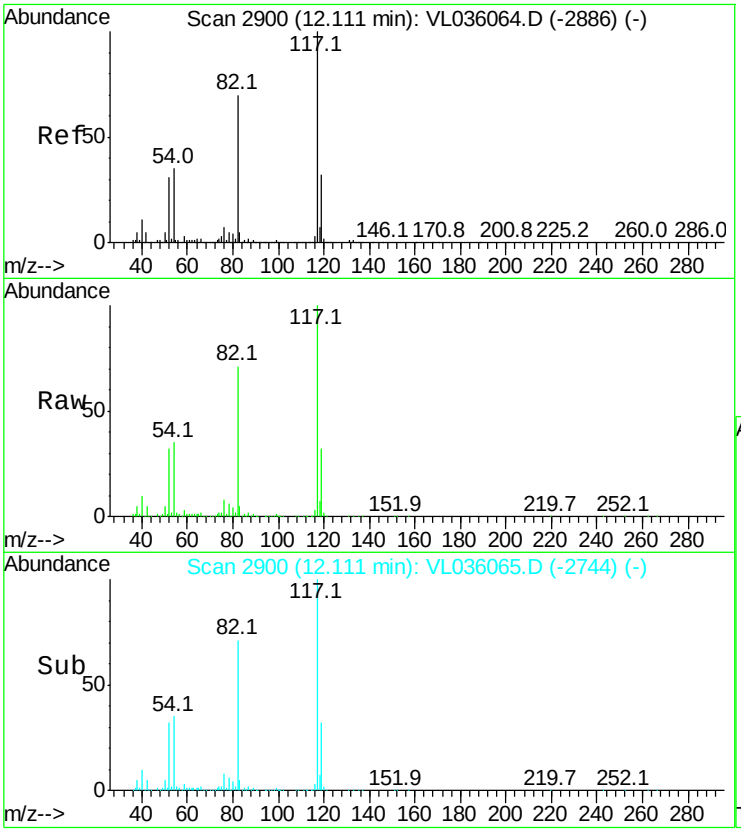


#54
1,2-Dibromoethane
Concen: 1.955 ppbv
RT: 10.64 min Scan# 2441
Delta R.T. -0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Tgt Ion:107 Resp: 273717

Ion	Ratio	Lower	Upper
107	100		
109	89.3	76.6	115.0



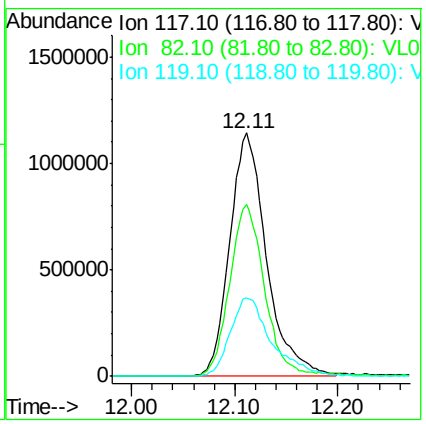


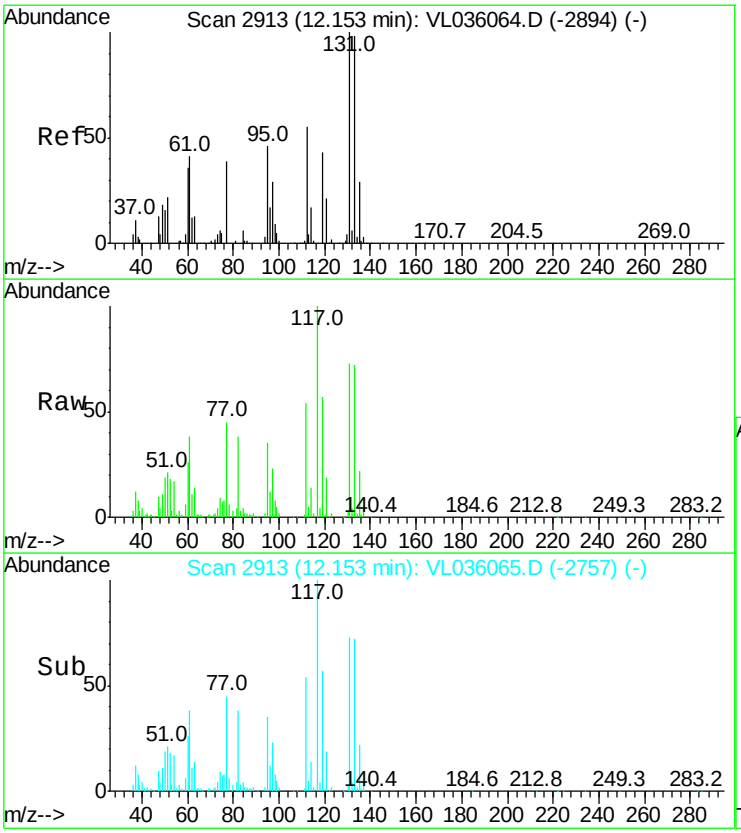
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:117 Resp: 2847197

Ion	Ratio	Lower	Upper
117	100		
82	67.7	0.0	0.0#
119	36.4	0.0	0.0#

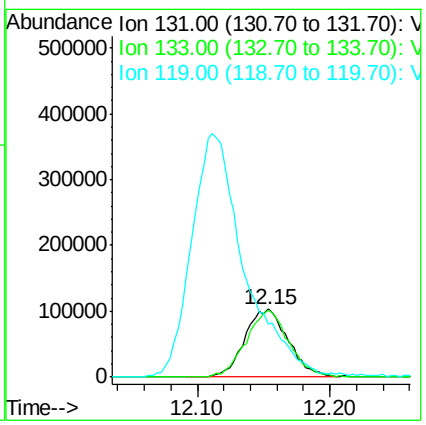


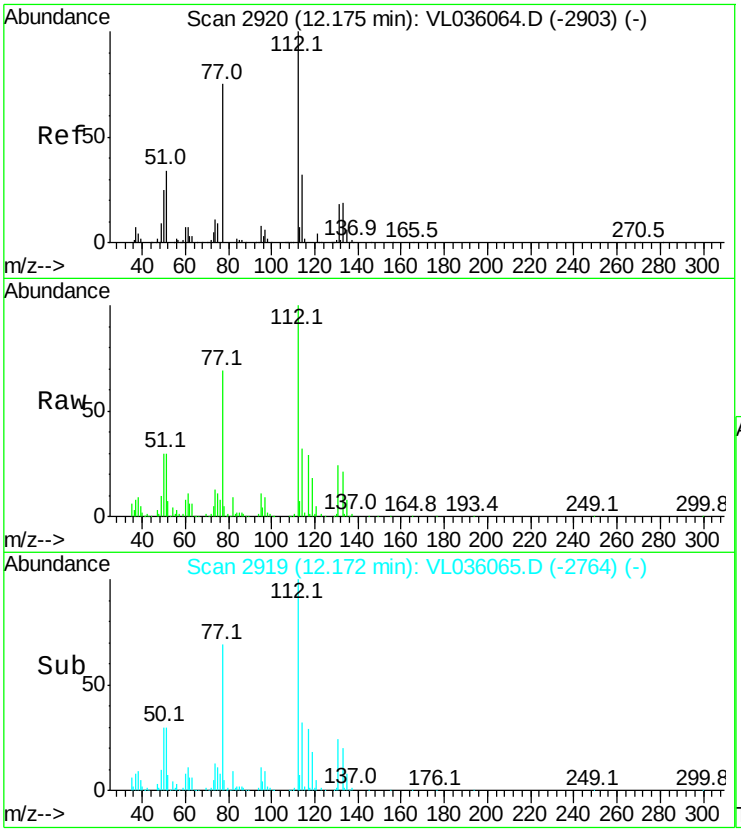


#56
1,1,1,2-Tetrachloroethane
Concen: 2.026 ppbv
RT: 12.15 min Scan# 2913
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Tgt Ion:131 Resp: 235579

Ion	Ratio	Lower	Upper
131	100		
133	97.1	77.7	116.5
119	439.5	51.6	77.4#



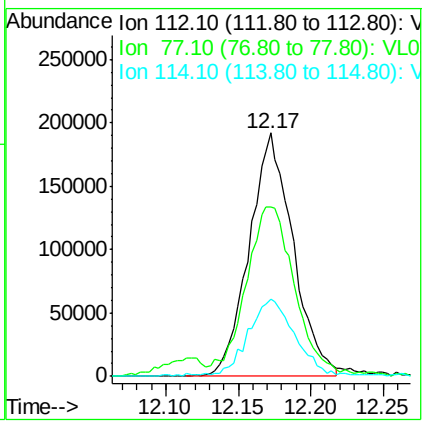


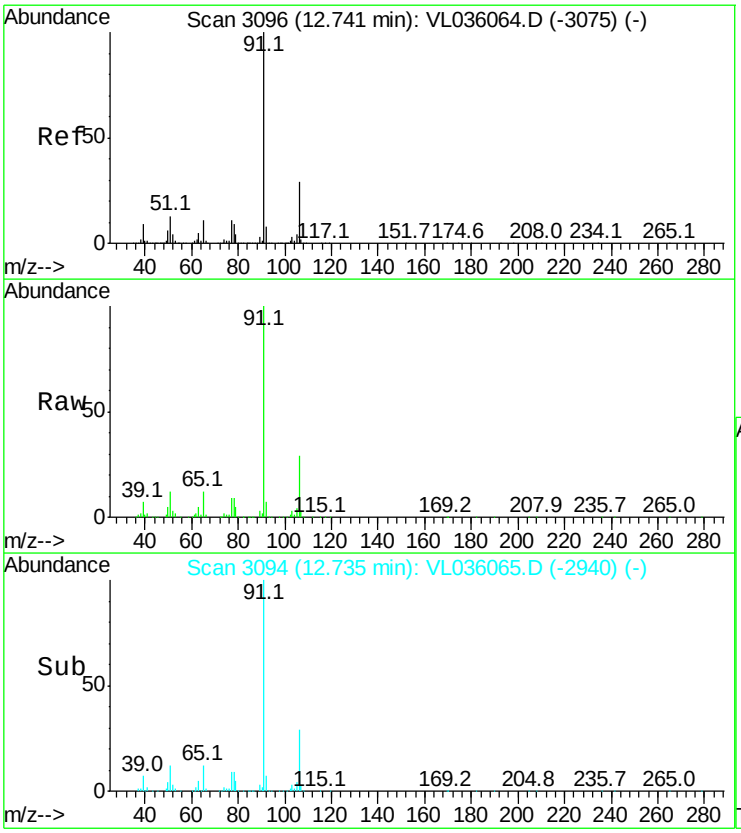
#57
Chlorobenzene
Concen: 1.918 ppbv
RT: 12.17 min Scan# 2919
Delta R.T. -0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:112 Resp: 402882

Ion	Ratio	Lower	Upper
112	100		
77	66.7	60.5	90.7
114	31.1	29.2	35.6

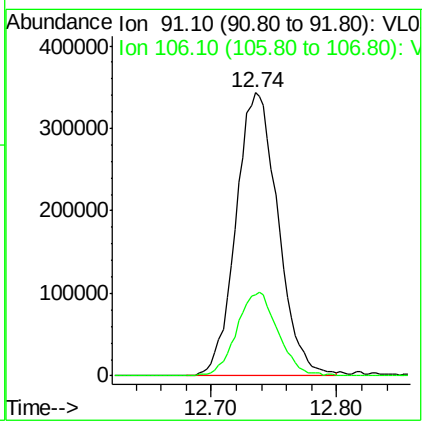


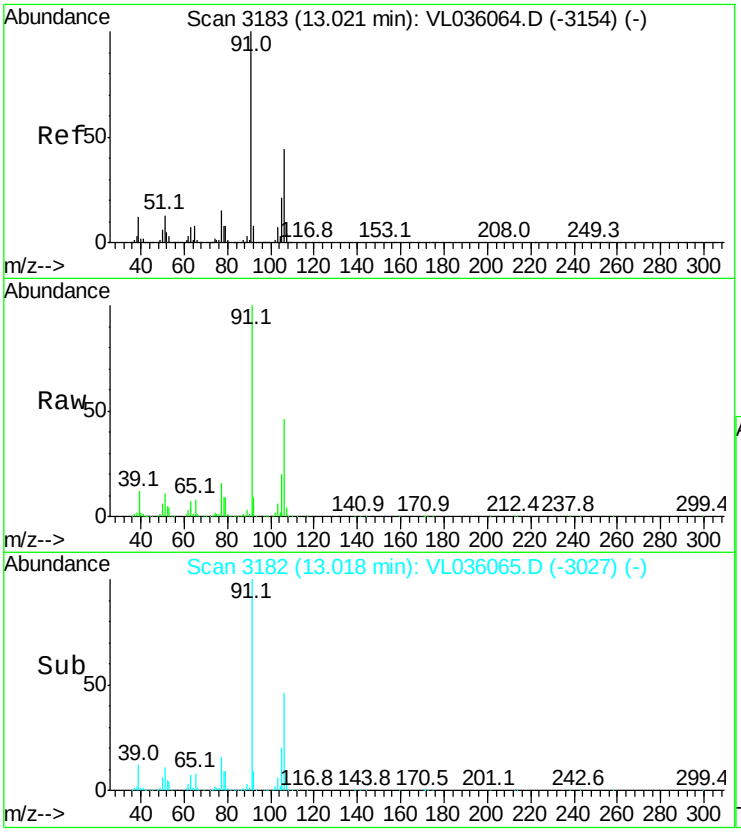


#58
Ethyl Benzene
Concen: 2.833 ppbv
RT: 12.74 min Scan# 3094
Delta R.T. -0.01 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Tgt Ion: 91 Resp: 797788

Ion	Ratio	Lower	Upper
91	100		
106	28.5	23.0	34.4



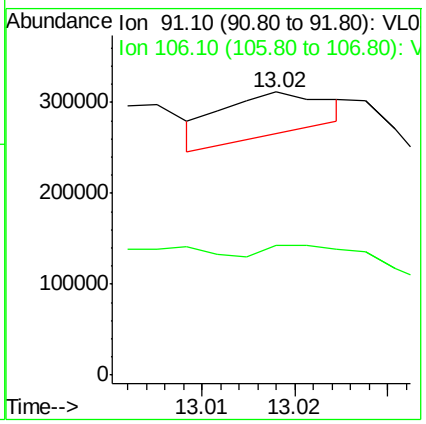


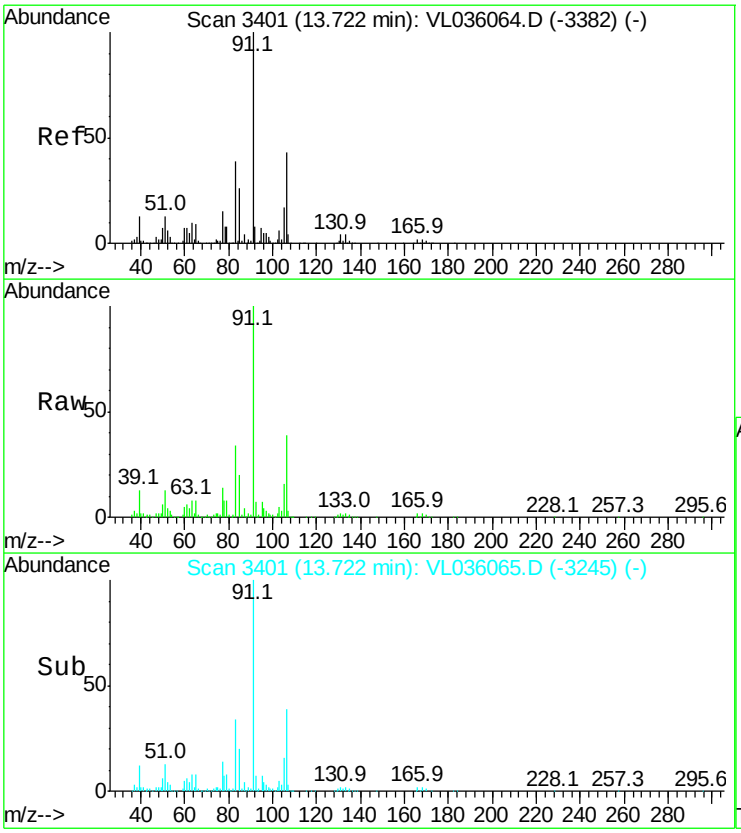
#59
m/p-Xylene
Concen: 0.149 ppbv
RT: 13.02 min Scan# 3182
Delta R.T. -0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 91 Resp: 38290

Ion	Ratio	Lower	Upper
91	100		
106	1490.9	33.6	50.4#

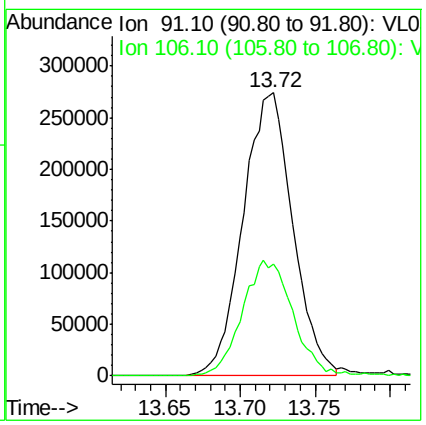


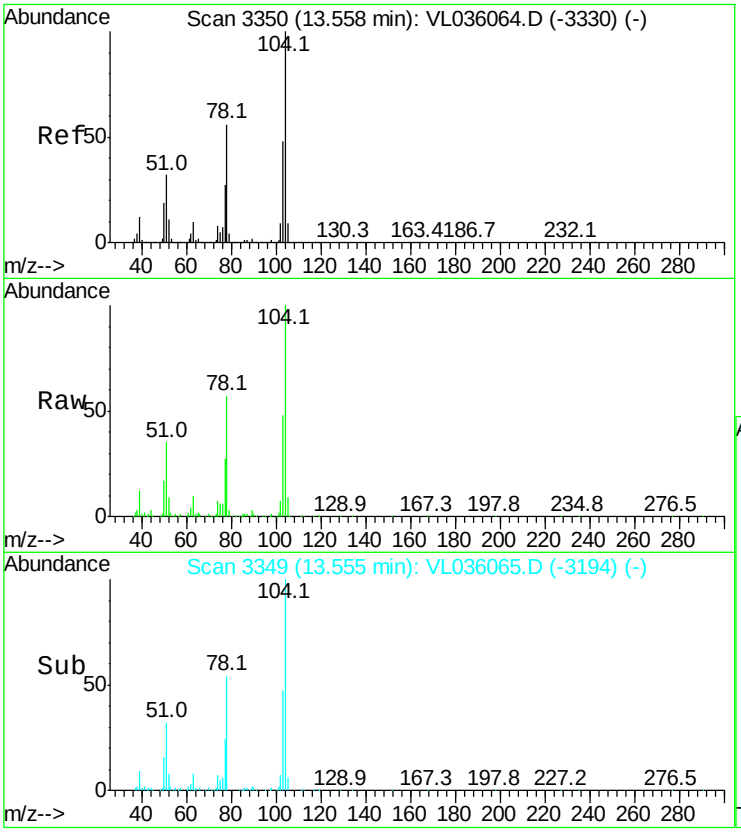


#60
o-Xylene
Concen: 2.434 ppbv
RT: 13.72 min Scan# 3401
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Tgt Ion: 91 Resp: 630604

Ion	Ratio	Lower	Upper
91	100		
106	42.4	21.6	64.6



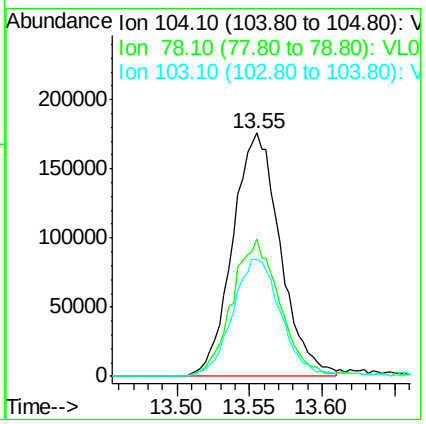


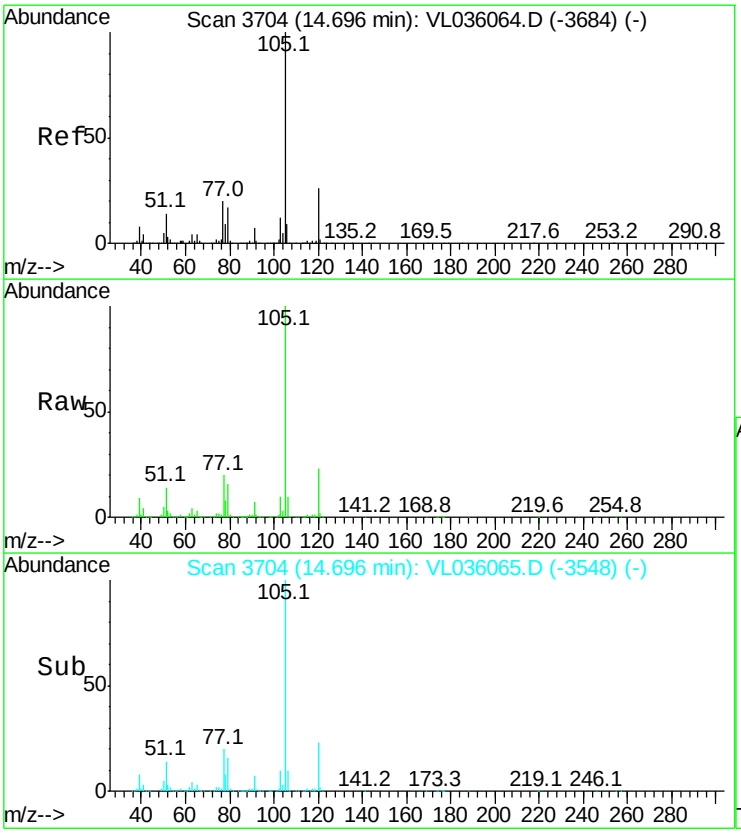
#61
Styrene
Concen: 2.719 ppbv
RT: 13.55 min Scan# 3349
Delta R.T. -0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:104 Resp: 399094

Ion	Ratio	Lower	Upper
104	100		
78	57.6	45.8	68.8
103	49.5	38.6	57.8

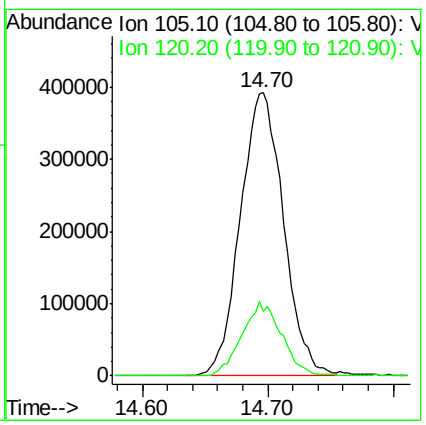


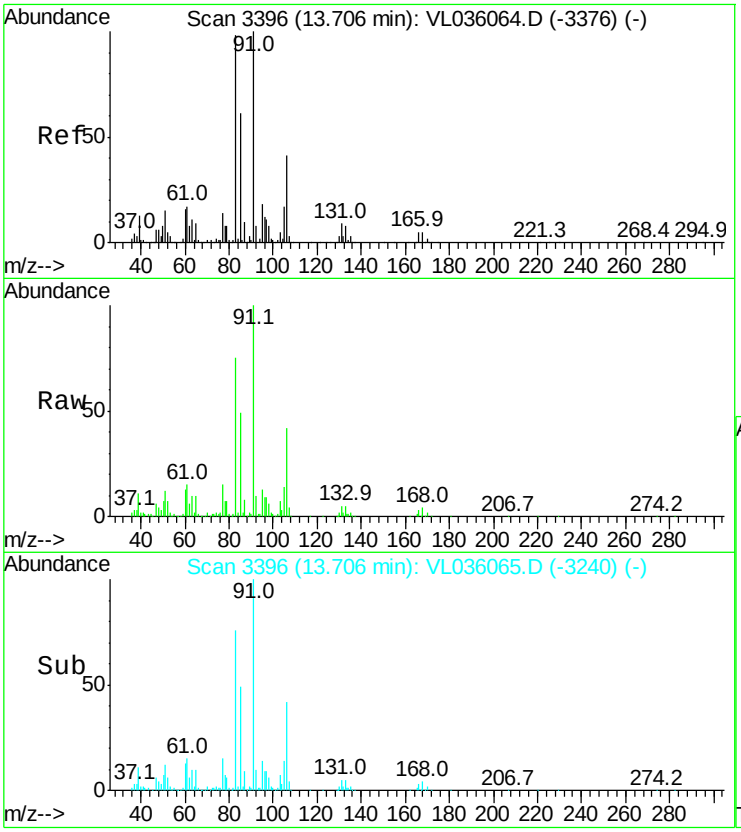


#62
Isopropylbenzene
Concen: 2.439 ppbv
RT: 14.70 min Scan# 3704
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Tgt Ion:105 Resp: 938236

Ion	Ratio	Lower	Upper
105	100		
120	24.3	20.1	30.1



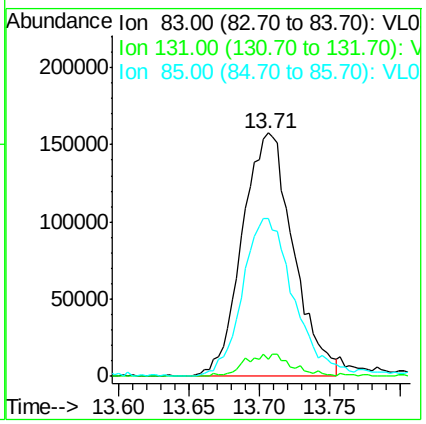


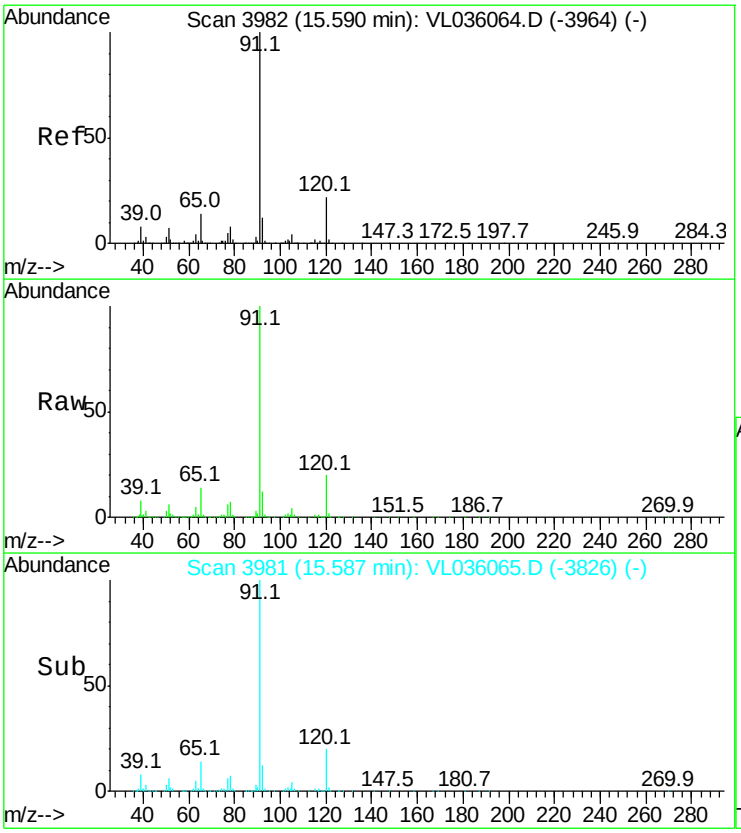
#63
1,1,2,2-Tetrachloroethane
Concen: 1.839 ppbv
RT: 13.71 min Scan# 3396
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 83 Resp: 399331

Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.6	13.8
85	67.5	32.5	97.5

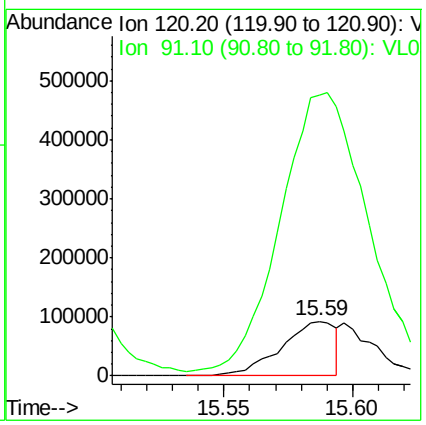


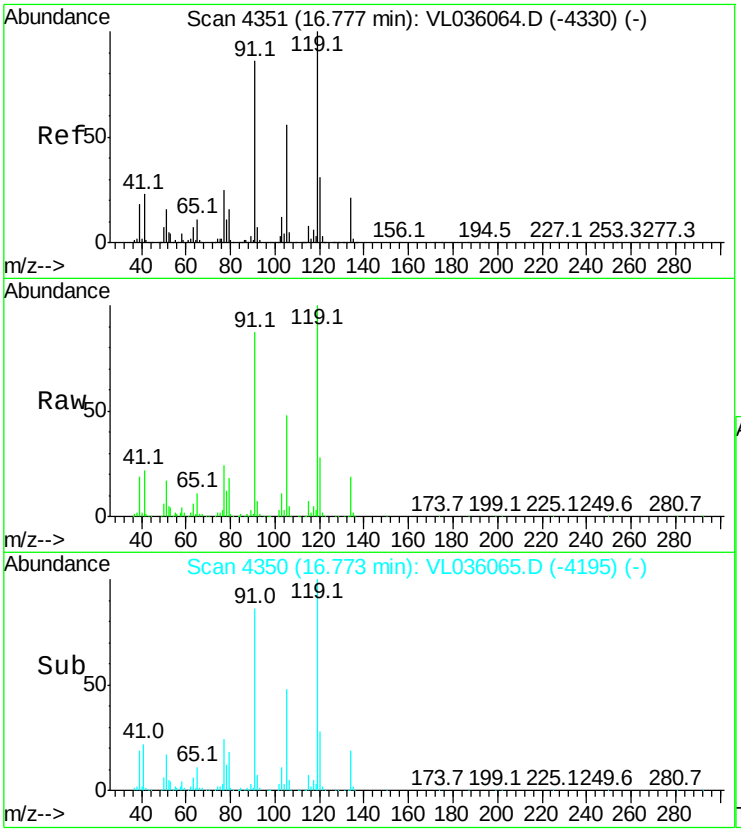


#64
n-propylbenzene
Concen: 1.346 ppbv
RT: 15.59 min Scan# 3981
Delta R.T. -0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Tgt Ion:120 Resp: 136272

Ion	Ratio	Lower	Upper
120	100		
91	835.3	388.9	583.3#



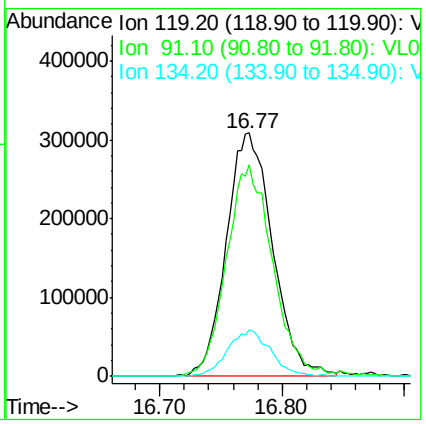


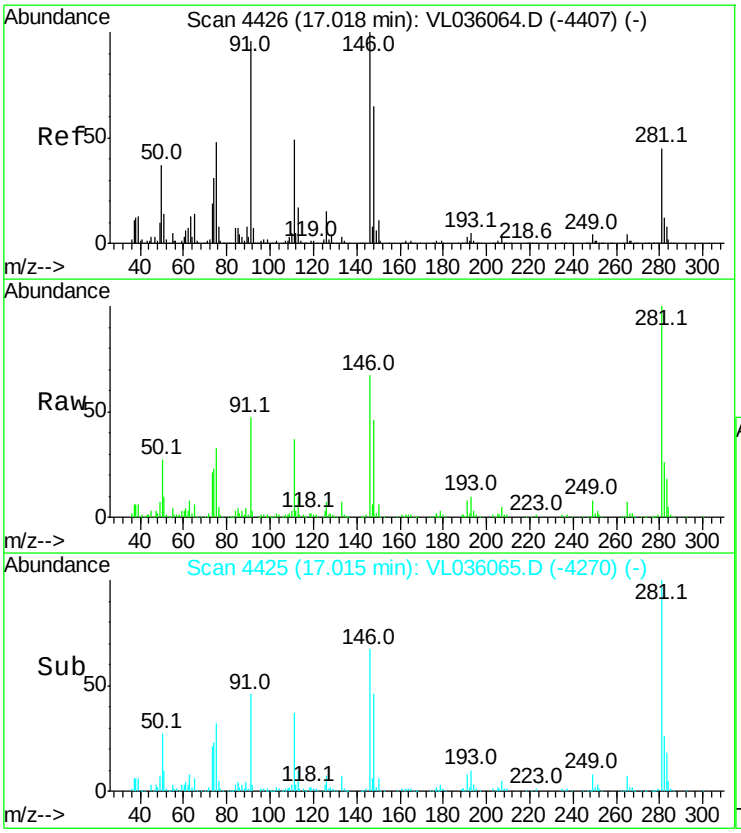
#65
tert-Butylbenzene
Concen: 2.490 ppbv
RT: 16.77 min Scan# 4350
Delta R.T. -0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:119 Resp: 802914

Ion	Ratio	Lower	Upper
119	100		
91	88.4	70.2	105.2
134	18.0	15.8	23.6

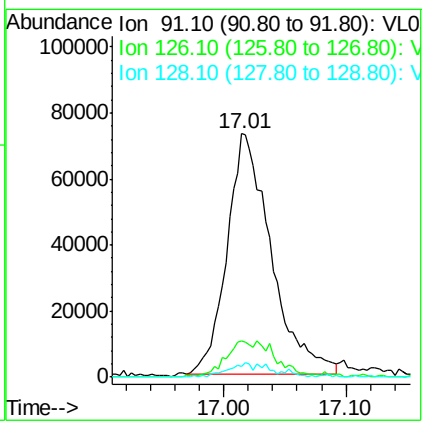


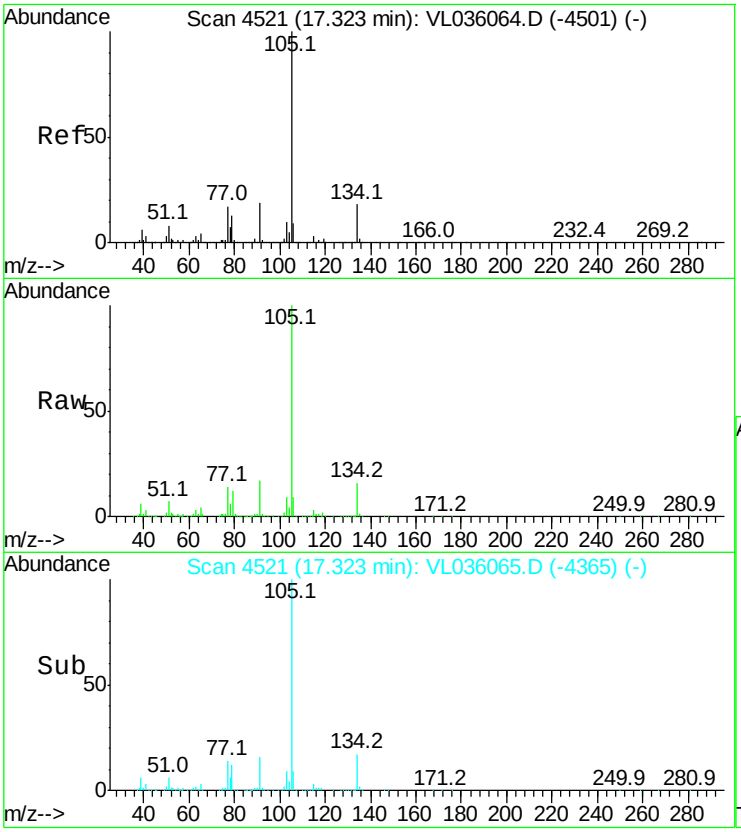


#66
Benzyl Chloride
Concen: 2.355 ppbv
RT: 17.01 min Scan# 4425
Delta R.T. -0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Tgt Ion: 91 Resp: 182915

Ion	Ratio	Lower	Upper
91	100		
126	17.9	13.5	20.3
128	6.0	4.4	6.6



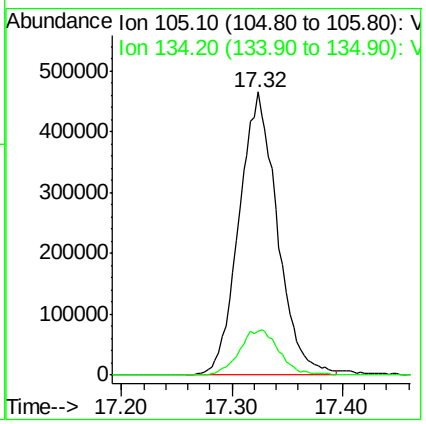


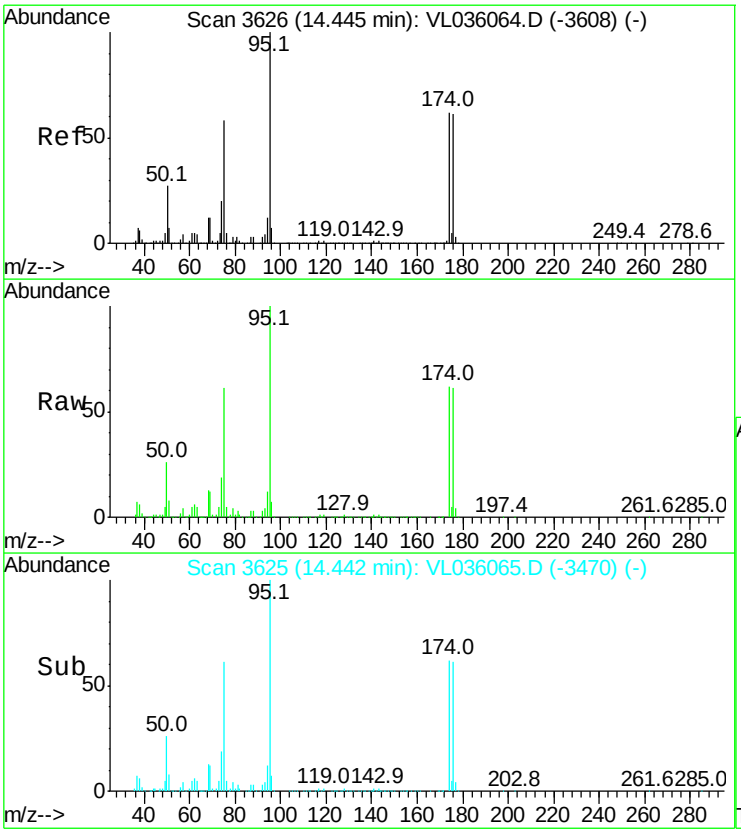
#67
sec-Butylbenzene
Concen: 2.535 ppbv
RT: 17.32 min Scan# 4521
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:105 Resp: 1116614

Ion	Ratio	Lower	Upper
105	100		
134	16.9	14.2	21.4

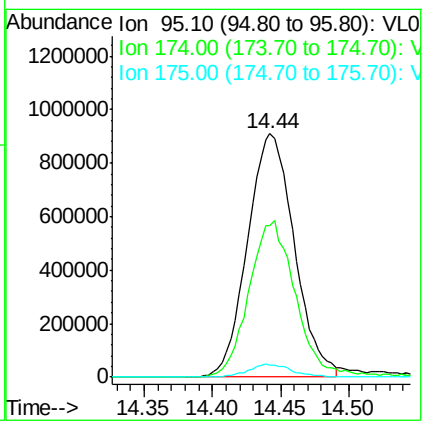


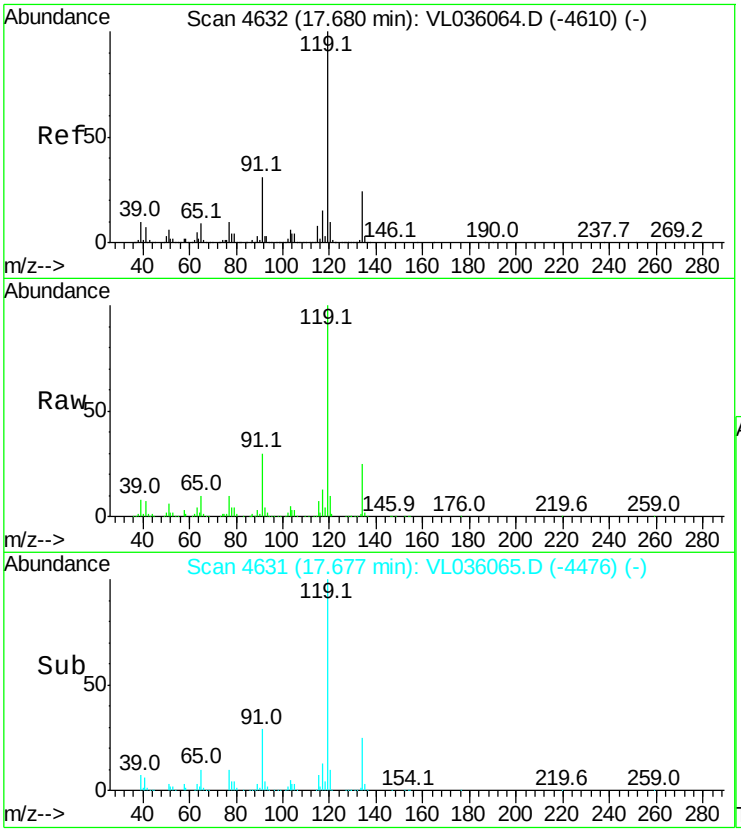


#68
1-Bromo-4-Fluorobenzene
Concen: 9.961 ppbv
RT: 14.44 min Scan# 3625
Delta R.T. -0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Tgt Ion: 95 Resp: 2167067

Ion	Ratio	Lower	Upper
95	100		
174	65.2	50.7	76.1
175	5.1	4.0	6.0



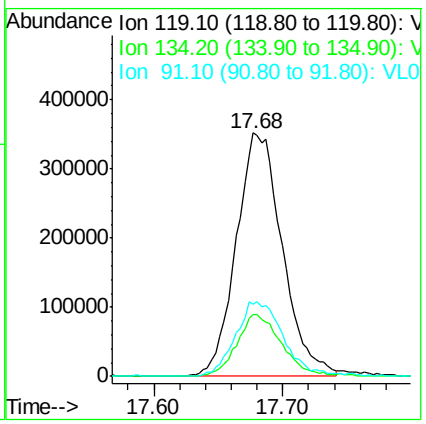


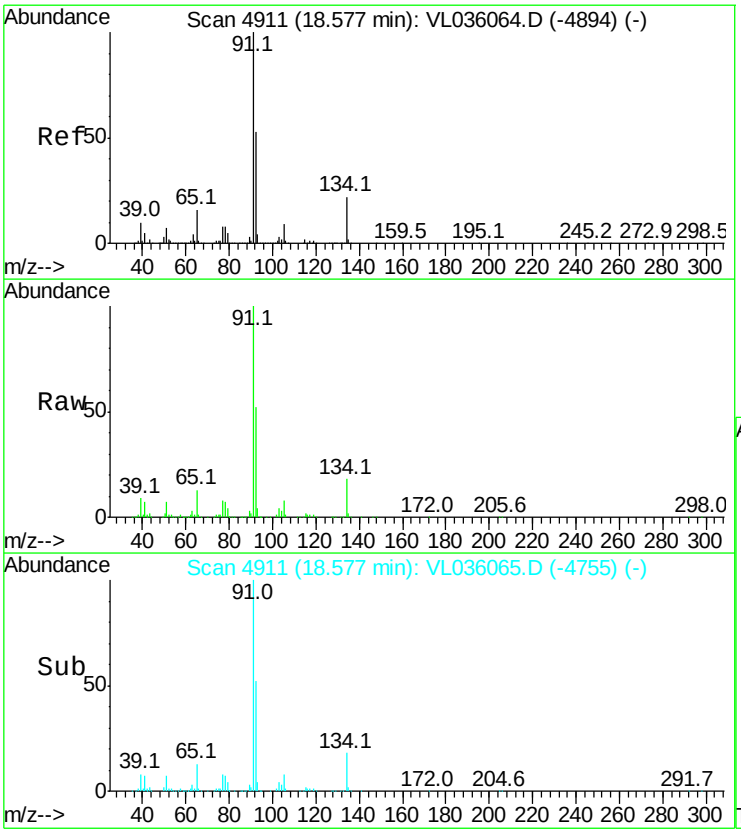
#69
p-Isopropyltoluene
Concen: 2.607 ppbv
RT: 17.68 min Scan# 4631
Delta R.T. -0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:119 Resp: 866964

Ion	Ratio	Lower	Upper
119	100		
134	25.2	19.8	29.6
91	32.9	25.8	38.6

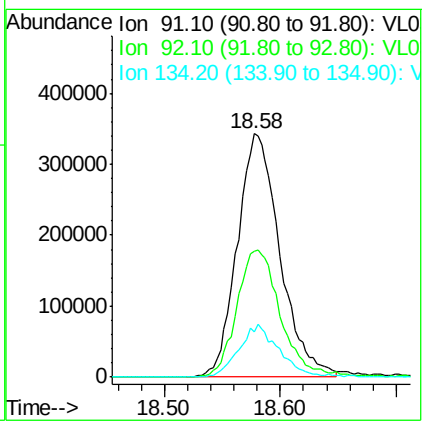


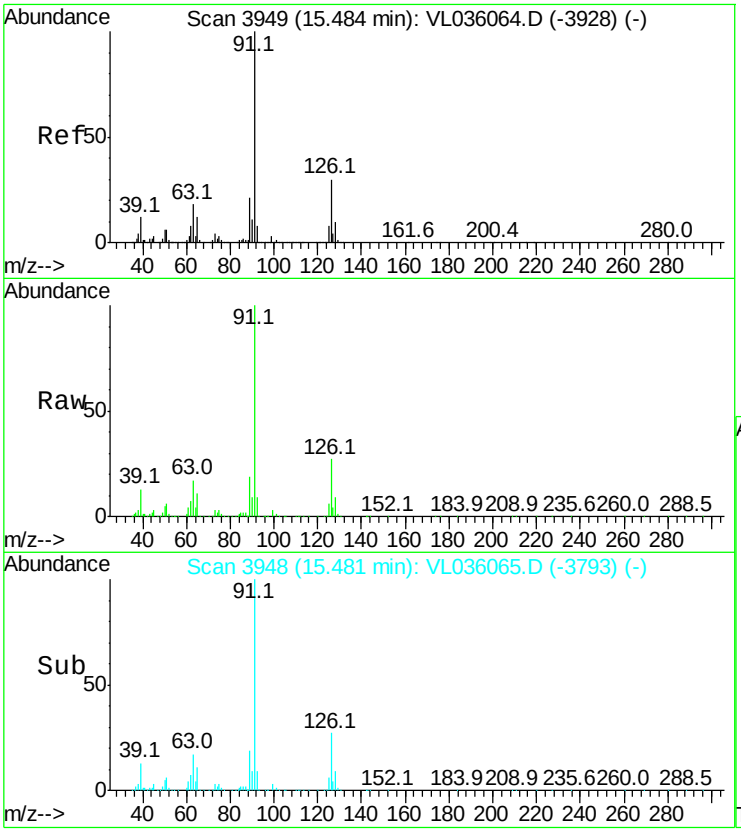


#70
n-Butylbenzene
Concen: 2.652 ppbv
RT: 18.58 min Scan# 4911
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Tgt Ion: 91 Resp: 873013

Ion	Ratio	Lower	Upper
91	100		
92	54.1	43.3	64.9
134	20.7	17.1	25.7



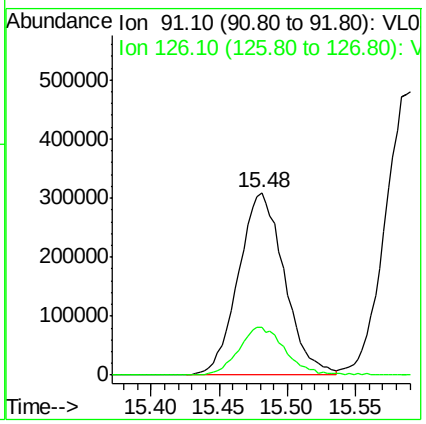


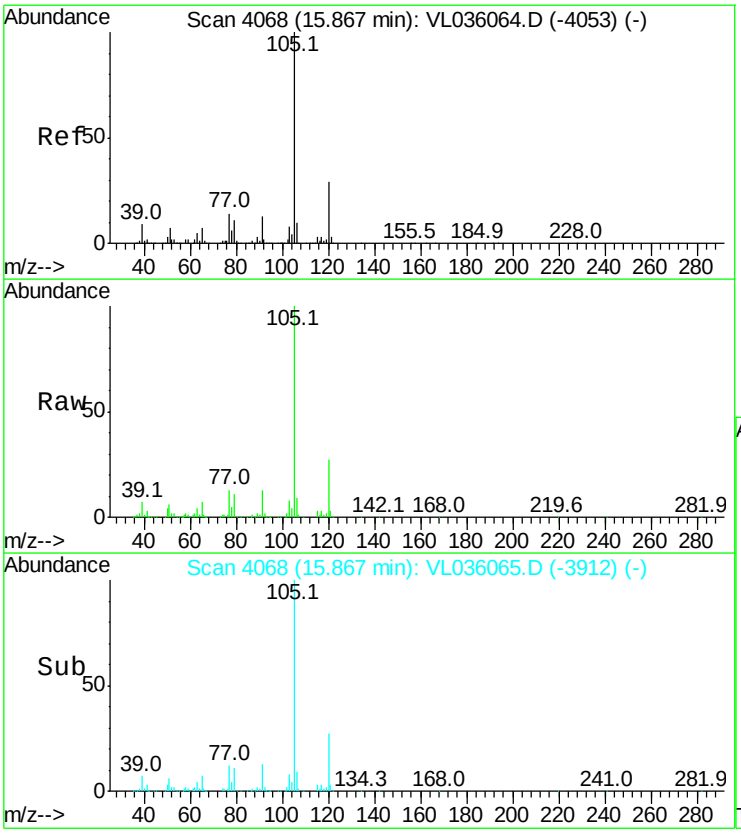
#71
2-Chlorotoluene
Concen: 2.738 ppbv
RT: 15.48 min Scan# 3948
Delta R.T. -0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 91 Resp: 724340

Ion	Ratio	Lower	Upper
91	100		
126	26.5	11.6	46.4

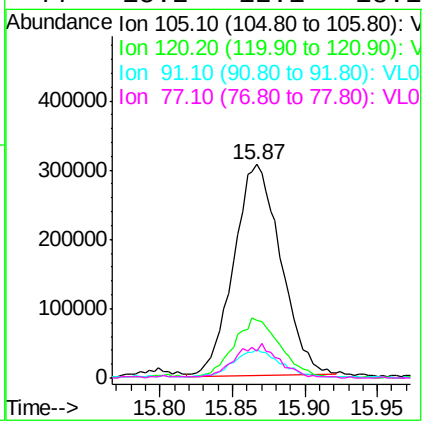


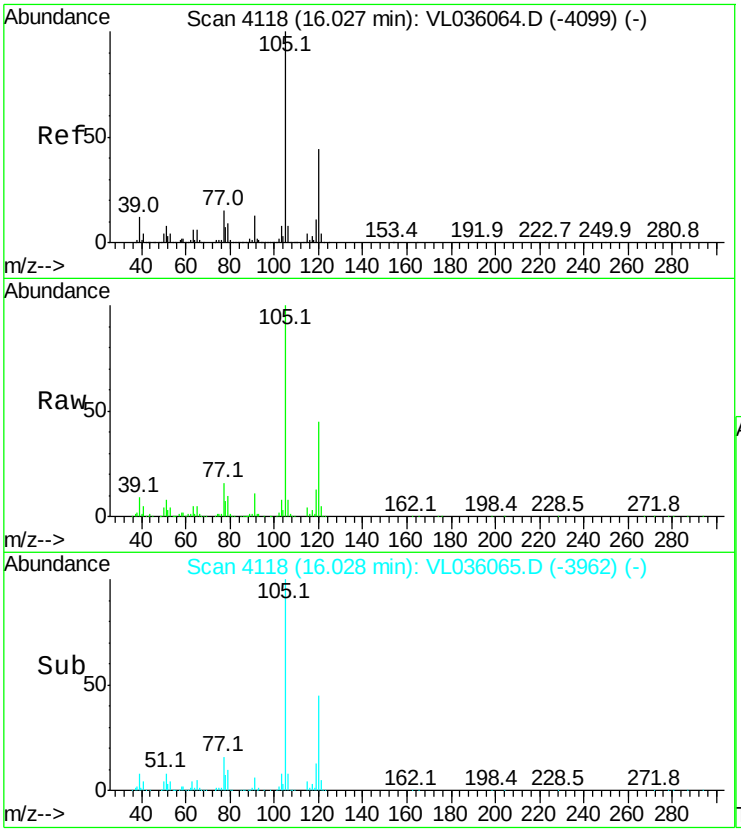


#72
4-Ethyltoluene
Concen: 2.576 ppbv
RT: 15.87 min Scan# 4068
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Tgt Ion:105 Resp: 687231

Ion	Ratio	Lower	Upper
105	100		
120	29.7	23.6	35.4
91	12.6	11.4	17.0
77	15.2	12.1	18.1



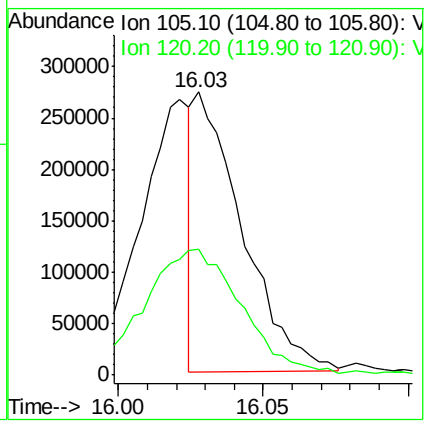


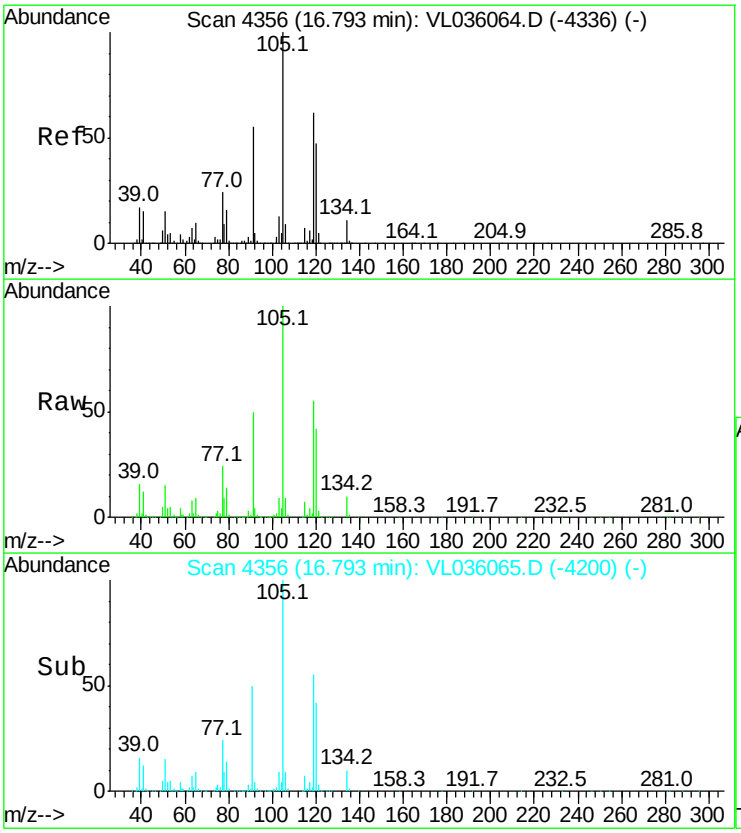
#73
1,3,5-Trimethylbenzene
Concen: 1.242 ppbv
RT: 16.03 min Scan# 4118
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:105 Resp: 310484

Ion	Ratio	Lower	Upper
105	100		
120	44.9	35.4	53.2

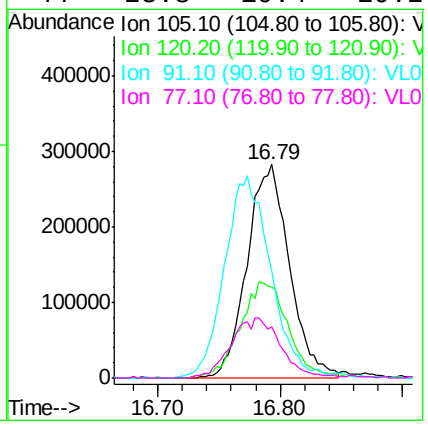


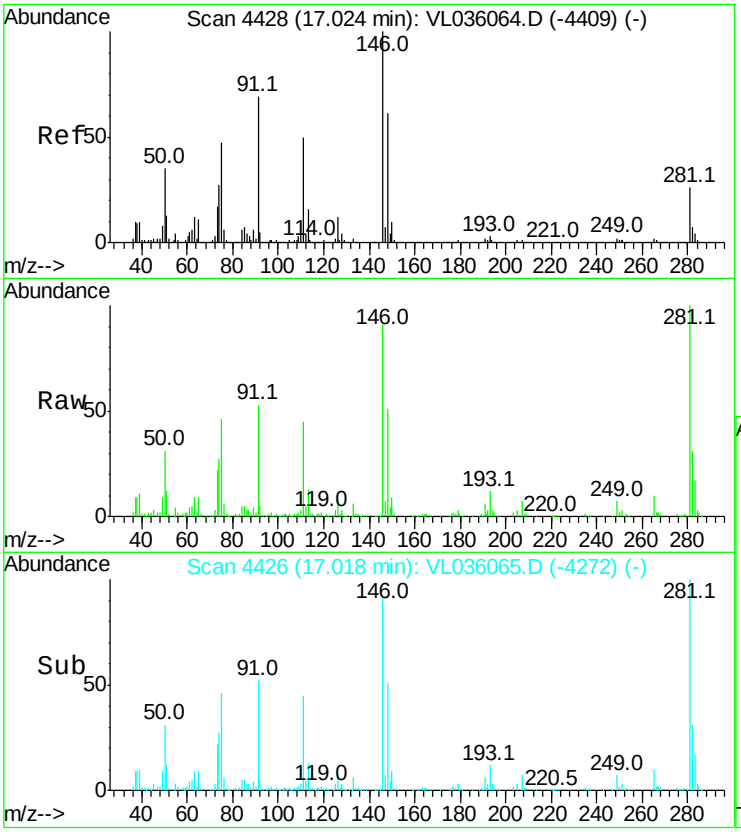


#74
1,2,4-Trimethylbenzene
Concen: 2.421 ppbv
RT: 16.79 min Scan# 4356
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Tgt Ion:105 Resp: 675125

Ion	Ratio	Lower	Upper
105	100		
120	42.0	37.4	56.0
91	48.6	45.6	68.4
77	23.8	19.4	29.2



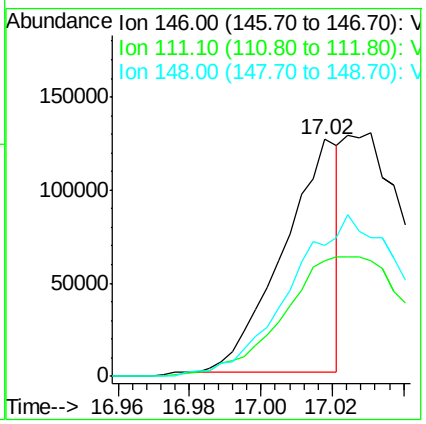


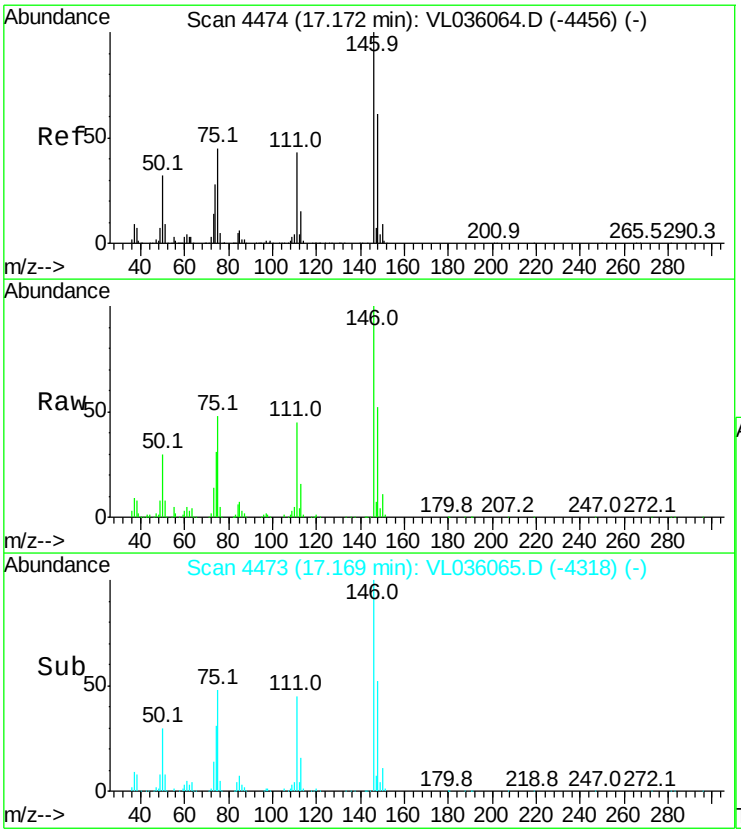
#75
1,3-Dichlorobenzene
Concen: 0.798 ppbv
RT: 17.02 min Scan# 4426
Delta R.T. -0.01 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:146 Resp: 134600

Ion	Ratio	Lower	Upper
146	100		
111	126.1	25.1	75.3#
148	158.9	32.9	98.6#

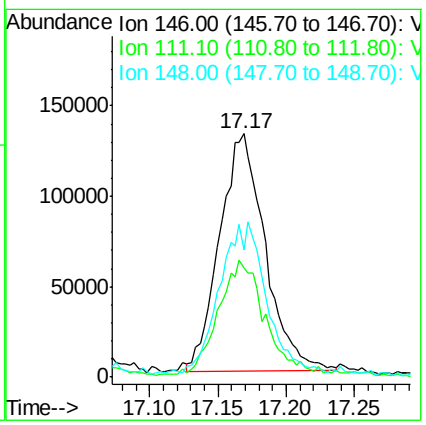


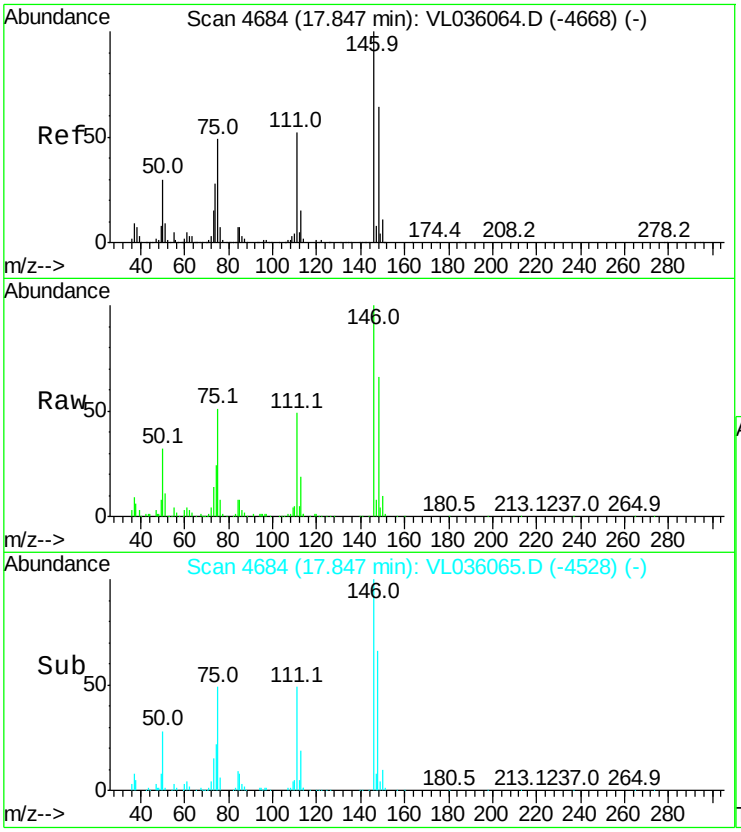


#76
1,4-Dichlorobenzene
Concen: 1.919 ppbv
RT: 17.17 min Scan# 4473
Delta R.T. -0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Tgt Ion:146 Resp: 305869

Ion	Ratio	Lower	Upper
146	100		
111	54.7	24.3	72.8
148	70.0	32.8	98.3



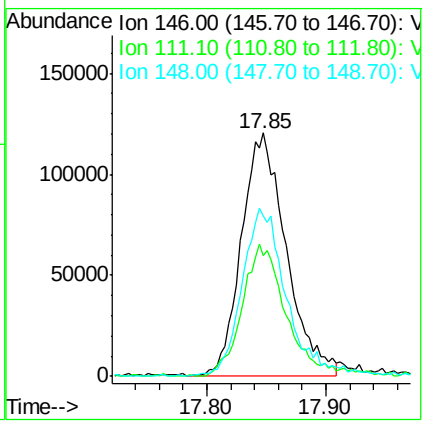


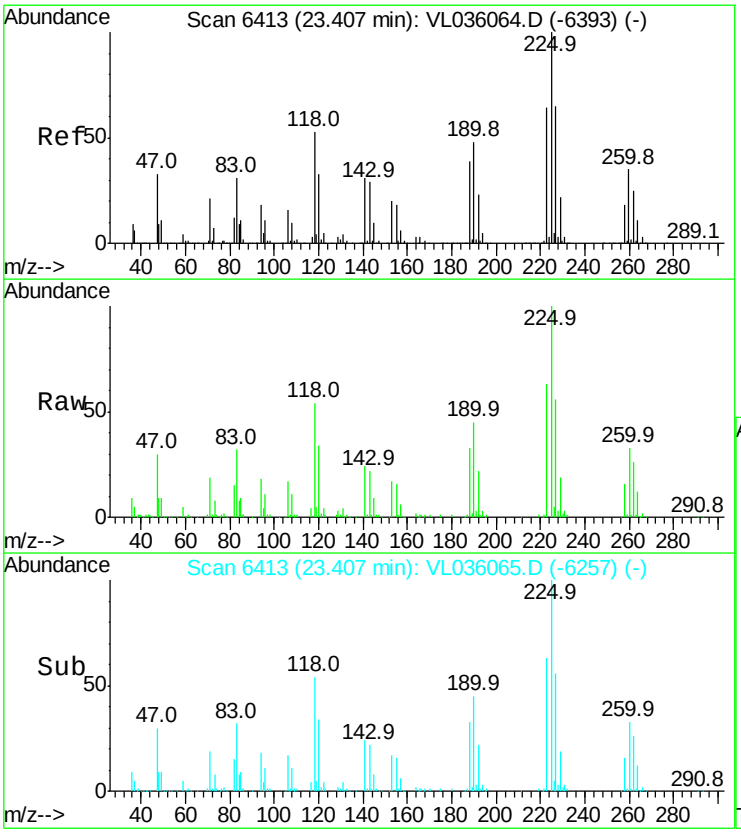
#77
1,2-Dichlorobenzene
Concen: 2.015 ppbv
RT: 17.85 min Scan# 4684
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:146 Resp: 311651

Ion	Ratio	Lower	Upper
146	100		
111	54.5	26.1	78.2
148	69.1	33.1	99.5

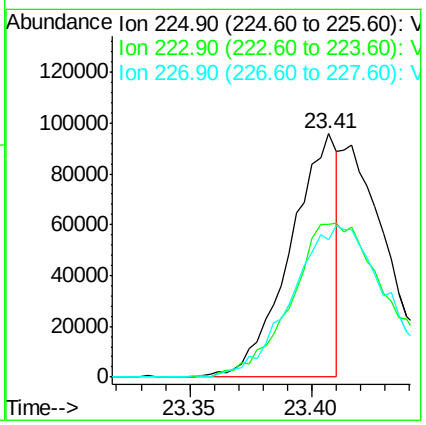


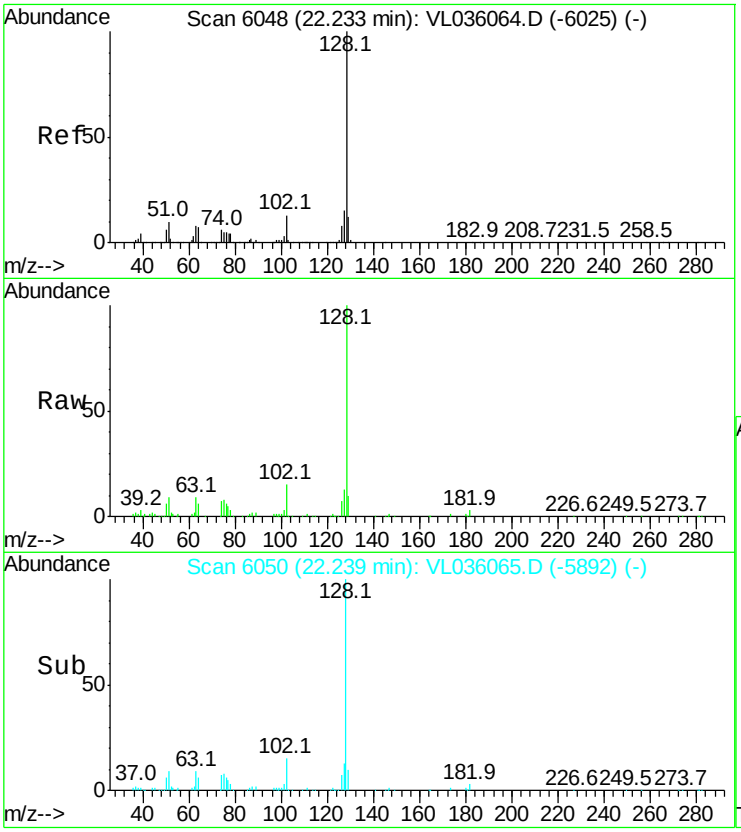


#78
Hexachloro-1,3-Butadiene
Concen: 1.504 ppbv
RT: 23.41 min Scan# 6413
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Tgt Ion:225 Resp: 127832

Ion	Ratio	Lower	Upper
225	100		
223	129.4	51.1	76.7#
227	127.5	51.7	77.5#



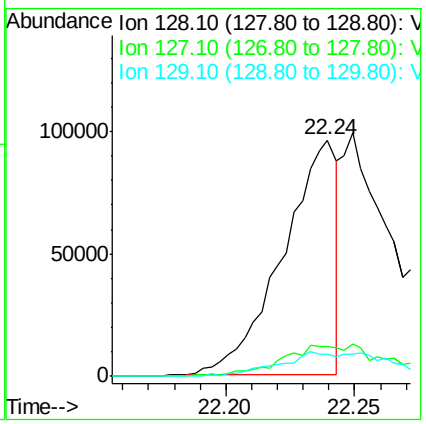


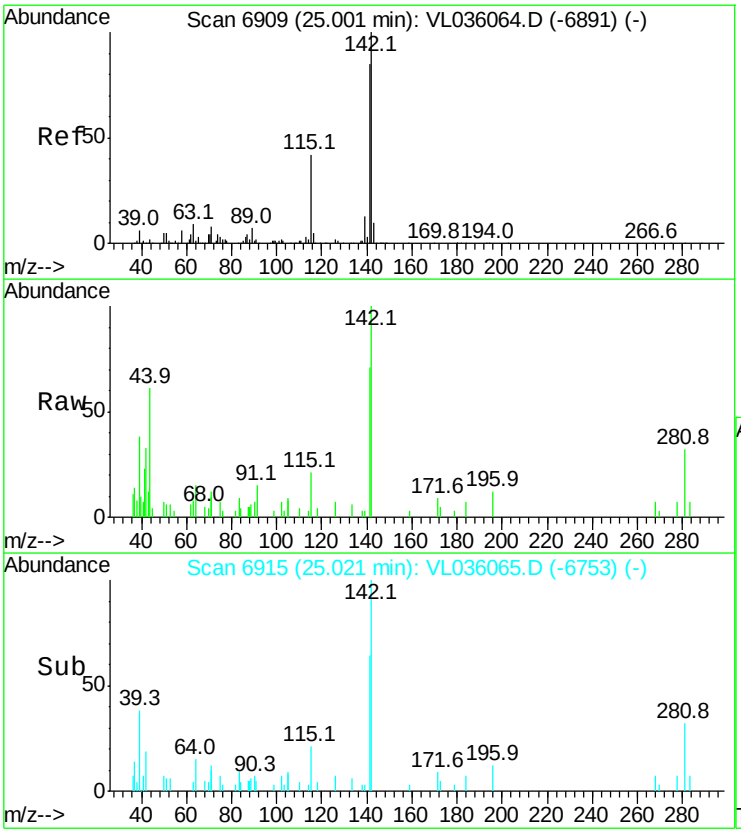
#79
Naphthalene
Concen: 1.070 ppbv
RT: 22.24 min Scan# 6050
Delta R.T. 0.01 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:128 Resp: 139198

Ion	Ratio	Lower	Upper
128	100		
127	12.7	11.7	17.5
129	9.7	9.3	13.9

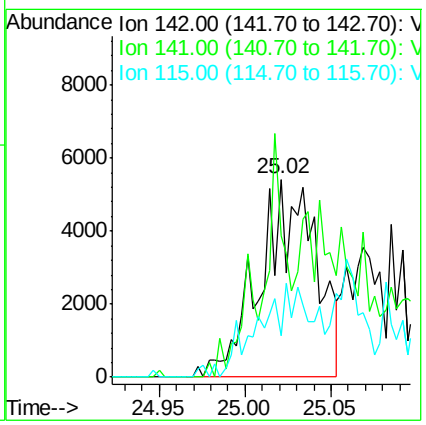


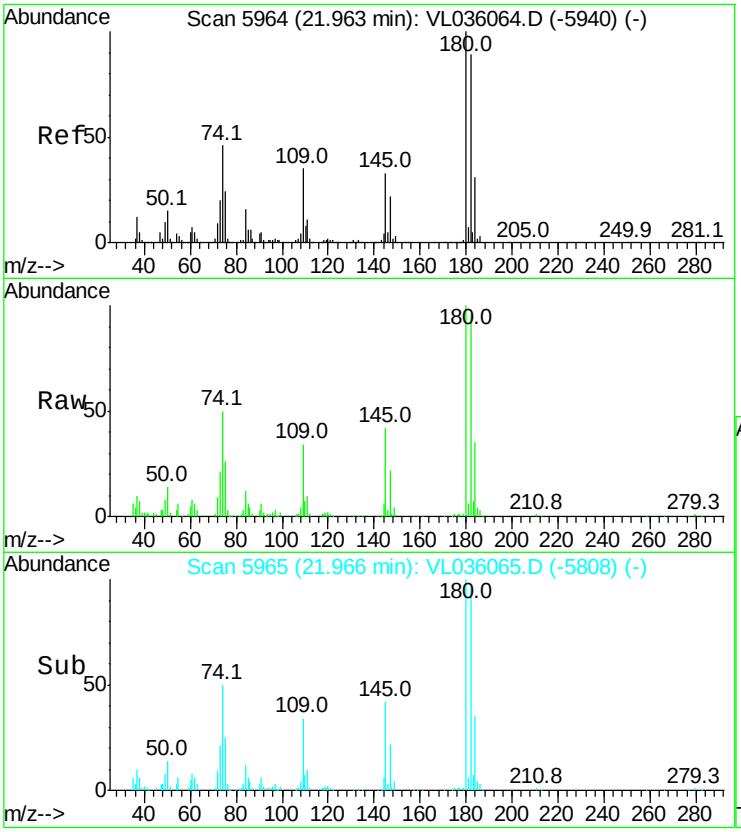


#80
Naphthalene,2-methyl-
Concen: 0.461 ppbv
RT: 25.02 min Scan# 6915
Delta R.T. 0.02 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Tgt Ion:142 Resp: 12150

Ion	Ratio	Lower	Upper
142	100		
141	136.4	64.3	96.5#
115	44.1	33.9	50.9





#81
1,2,4-Trichlorobenzene
Concen: 1.284 ppbv
RT: 21.97 min Scan# 5965
Delta R.T. 0.00 min
Lab File: VL036065.D
Acq: 7 Dec 2020 13:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:180 Resp: 114698

Ion	Ratio	Lower	Upper
180	100		
182	0.0	0.0	0.0
184	57.7	0.0	0.0#