Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL061920\

Quantitation Report (Not Reviewed)

Data File : VL035095.D
Acq On : 19 Jun 2020 15:12
Operator : SY/AP
Sample : VSTDICCC0.5
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC0.5

Quant Time: Jun 20 01:17:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL061920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LSat Jun 20 01:15:38 2020
QLast Update : Sat Jun 20 01:15:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.65	49	1263025	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	3045326	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.10	117	2830937	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.44	95	2444171	10.71	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 107.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.00	85	127374	0.701	ppbv		98
3) Chlorodifluoromethane	2.94	51	80458	0.557	ppbv		97
4) Chloromethane	3.09	50	44014	0.532	ppbv		90
5) Vinyl Chloride	3.21	62	43251	0.537	ppbv		92
6) Bromomethane	3.43	94	28068	0.582	ppbv		98
7) Chloroethane	3.51	64	17171	0.594	ppbv		96
8) Dichlorotetrafluoroethane	3.14	85	108367	0.582	ppbv		95
9) Propene	2.96	41	29393	0.474	ppbv		100
10) Heptane	8.12	43	61218	0.394	ppbv		94
11) Trichlorofluoromethane	3.91	101	108820	0.589	ppbv		97
12) 1,1,2-Trichlorotrifluoroet	4.45	101	76405	0.582	ppbv		99
13) Ethanol	3.58	45	17289	0.863	ppbv		94
14) Bromoethene	3.70	108	29214	0.537	ppbv		91
15) Acetone	3.82	43	94042	0.564	ppbv		97
16) 1,3-Butadiene	3.28	39	33206	0.462	ppbv		97
17) tert-Butyl alcohol	4.27	59	82824	0.560	ppbv		100
18) 1,1-Dichloroethene	4.26	96	29017	0.509	ppbv		97
19) Isopropyl Alcohol	3.94	45	62400	0.568	ppbv	#	90
20) Methylene Chloride	4.31	84	44825	0.813	ppbv		82
21) Allyl Chloride	4.38	41	47094	0.502	ppbv		90
22) trans-1,2-Dichloroethene	4.86	96	19708	0.353	ppbv		86
23) Vinyl Acetate	5.05	43	86031	0.411	ppbv	#	96
24) 1,1-Dichloroethane	4.98	63	87562	0.537	ppbv		96
25) Ethyl Acetate	5.66	43	144620	0.517	ppbv		99
26) Hexane	5.66	57	61365	0.505	ppbv		89
27) Carbon Disulfide	4.52	76	72324	0.511	ppbv	#	87
28) Methyl tert-Butyl Ether	5.02	73	87212	0.473	ppbv		97
29) Chloroform	5.73	83	110173	0.553	ppbv		96
30) Cyclohexane	7.13	84	33295	0.354	ppbv		87
31) cis-1,2-Dichloroethene	5.53	61	25713	0.216	ppbv		90
32) 1,1,1-Trichloroethane	6.50	97	97260	0.540	ppbv		97
34) 2-Butanone	5.23	43	80912	0.430	ppbv		98
35) Carbon Tetrachloride	7.01	117	94922	0.495	ppbv		87
36) Benzene	6.88	78	107357	0.428	ppbv	#	86
37) 1,2-Dichloroethane	6.29	62	79528	0.513	ppbv		97
38) Trichloroethene	7.83	130	26874	0.275	ppbv		93
39) 1,2-Dichloropropane	7.60	63	23467	0.234	ppbv		95
41) Tetrahydrofuran	6.05	42	20180	0.205	ppbv	#	39
42) Bromodichloromethane	7.79	83	106715	0.511	ppbv	#	92
43) Methyl Methacrylate	8.02	69	38641	0.365	ppbv		95
44) 2,2,4-Trimethylpentane	7.87	57	194566	0.437	ppbv		97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL061920\

Quantitation Report (Not Reviewed)

Data File : VL035095.D
Acq On : 19 Jun 2020 15:12
Operator : SY/AP
Sample : VSTDICCC0.5
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC0.5

Quant Time: Jun 20 01:17:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL061920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LSat Jun 20 01:15:38 2020
QLast Update : Sat Jun 20 01:15:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) t-1,3-Dichloropropene	9.29	75	35790	0.337	ppbv		94
46) cis-1,3-Dichloropropene	8.70	75	26739	0.205	ppbv	#	77
47) 1,1,2-Trichloroethane	9.48	97	43263	0.407	ppbv		93
48) Dibromochloromethane	10.31	129	73722	0.452	ppbv		98
49) Bromoform	13.06	173	61026	0.436	ppbv		98
50) 4-Methyl-2-Pentanone	8.76	43	106383	0.397	ppbv		94
51) 2-Hexanone	10.16	43	71314	0.341	ppbv	#	96
52) Tetrachloroethene	11.23	164	20709	0.232	ppbv		91
53) Toluene	9.82	91	98017	0.369	ppbv		96
54) 1,2-Dibromoethane	10.62	107	71843	0.461	ppbv	#	76
56) 1,1,1,2-Tetrachloroethane	12.14	131	31941	0.253	ppbv	#	1
57) Chlorobenzene	12.16	112	120052	0.540	ppbv		91
58) Ethyl Benzene	12.73	91	131147	0.381	ppbv		99
59) m/p-Xylene	13.02	91	141288	0.465	ppbv	#	44
60) o-Xylene	13.71	91	123328	0.411	ppbv		99
61) Styrene	13.56	104	63927	0.338	ppbv		98
62) Isopropylbenzene	14.69	105	204670	0.458	ppbv		98
63) 1,1,2,2-Tetrachloroethane	13.70	83	97367	0.410	ppbv		81
64) n-propylbenzene	15.58	120	20600	0.179	ppbv	#	1
65) tert-Butylbenzene	16.77	119	169053	0.435	ppbv		91
66) Benzyl Chloride	17.01	91	17786	0.138	ppbv	#	24
67) sec-Butylbenzene	17.32	105	243697	0.440	ppbv		99
69) p-Isopropyltoluene	17.69	119	189582	0.423	ppbv		98
70) n-Butylbenzene	18.58	91	216868	0.455	ppbv		94
71) 2-Chlorotoluene	15.48	91	144266	0.427	ppbv		95
72) 4-Ethyltoluene	15.87	105	137199	0.409	ppbv	#	95
73) 1,3,5-Trimethylbenzene	16.02	105	133901	0.412	ppbv		88
74) 1,2,4-Trimethylbenzene	16.79	105	101870	0.287	ppbv	#	87
75) 1,3-Dichlorobenzene	17.03	146	69499	0.332	ppbv	#	32
76) 1,4-Dichlorobenzene	17.17	146	51706	0.261	ppbv	#	29
77) 1,2-Dichlorobenzene	17.85	146	59133	0.302	ppbv	#	49
78) Hexachloro-1,3-Butadiene	23.41	225	39385	0.235	ppbv	#	7
79) Naphthalene	22.26	128	121783	0.445	ppbv	#	93
80) Naphthalene,2-methyl-	25.01	142	30932	0.449	ppbv	#	87
81) 1,2,4-Trichlorobenzene	21.97	180	26669	0.160	ppbv	#	11

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

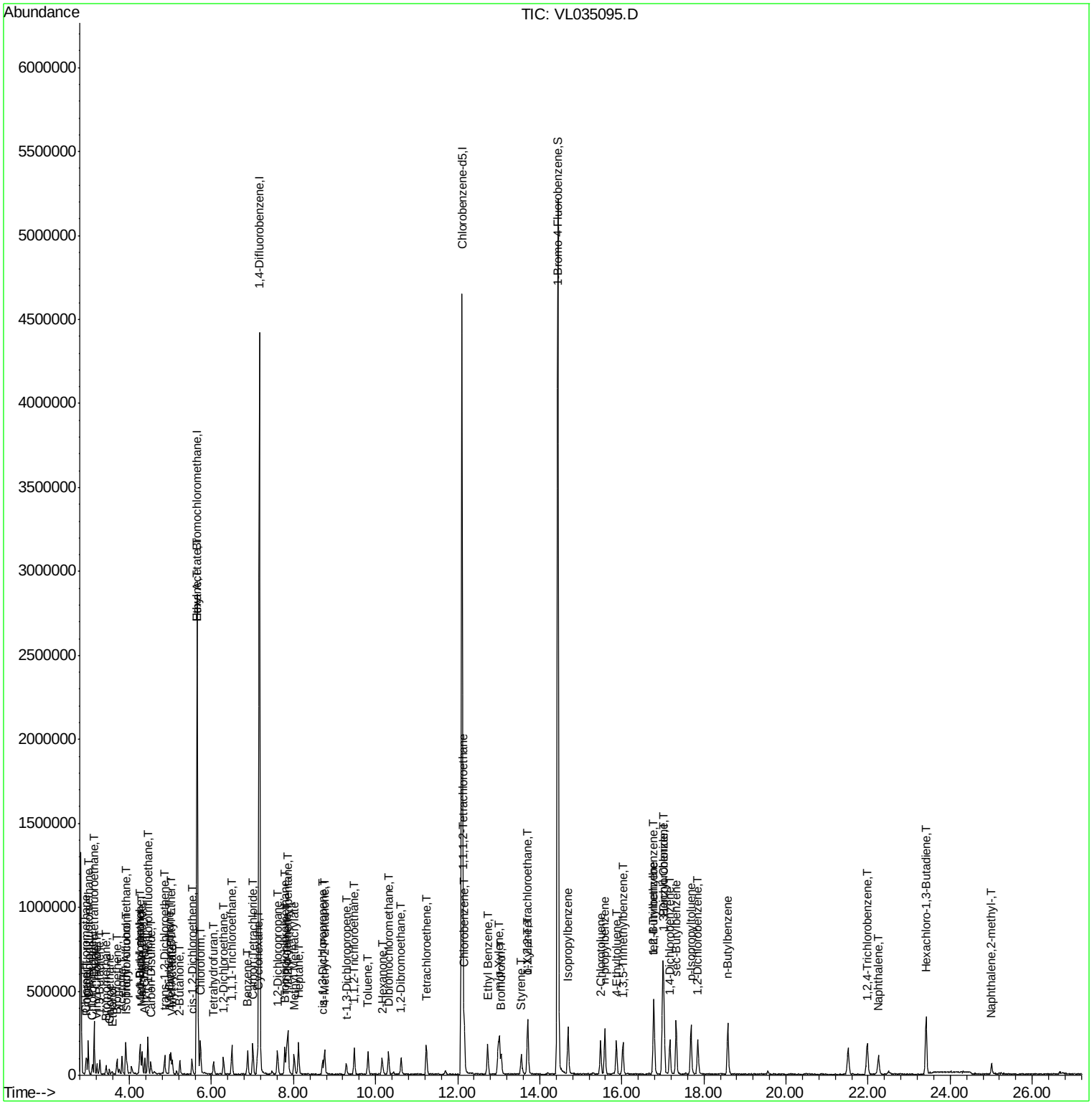
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL061920\

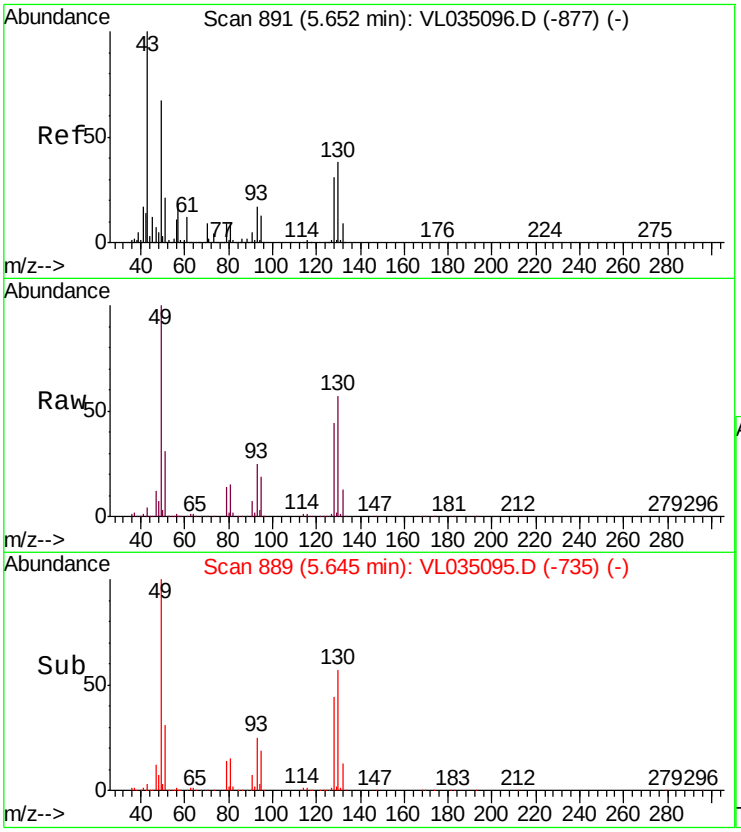
Quantitation Report (Not Reviewed)

Data File : VL035095.D
Acq On : 19 Jun 2020 15:12
Operator : SY/AP
Sample : VSTDICCC0.5
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC0.5

Quant Time: Jun 20 01:17:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL061920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LSat Jun 20 01:15:38 2020
QLast Update : Sat Jun 20 01:15:38 2020
Response via : Initial Calibration



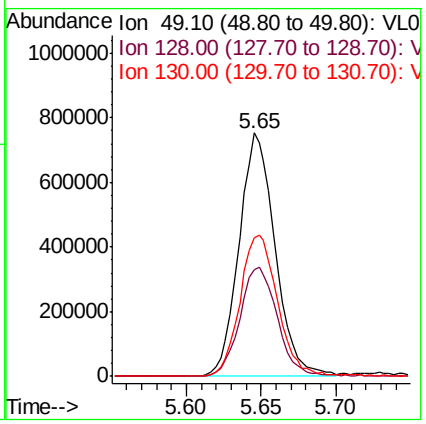


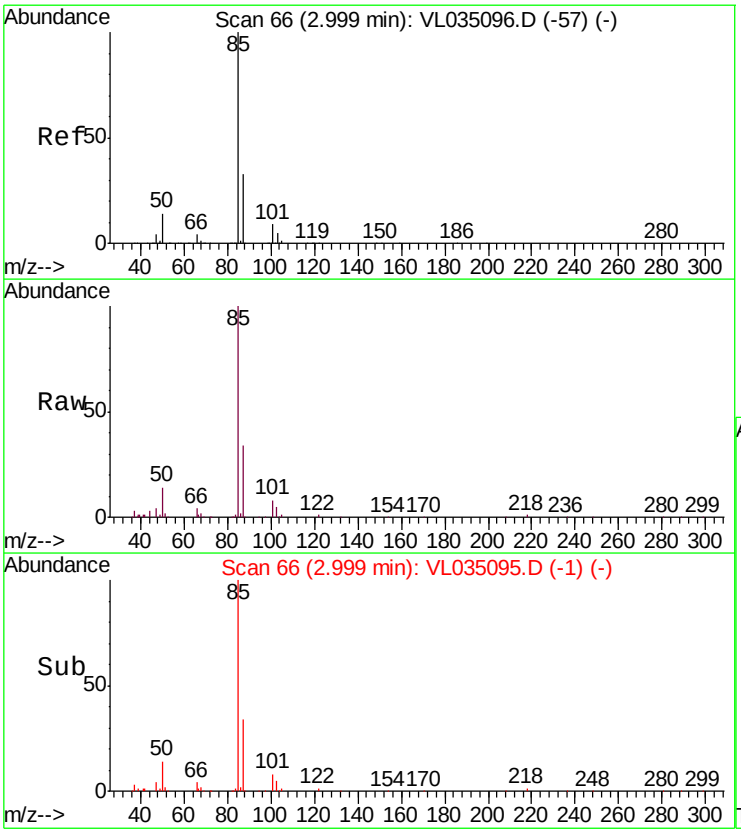
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 889
Delta R.T. -0.01 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC0.5

Tgt Ion: 49 Resp: 1263025

Ion	Ratio	Lower	Upper
49	100		
128	46.9	22.9	68.5
130	61.4	29.0	87.0

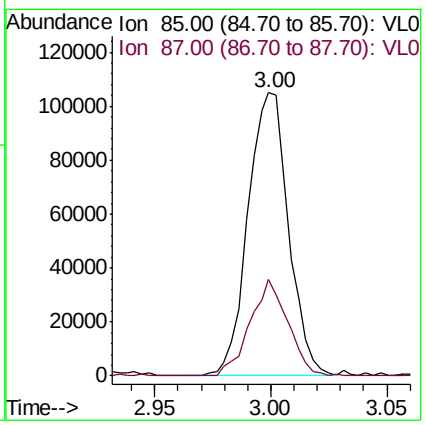


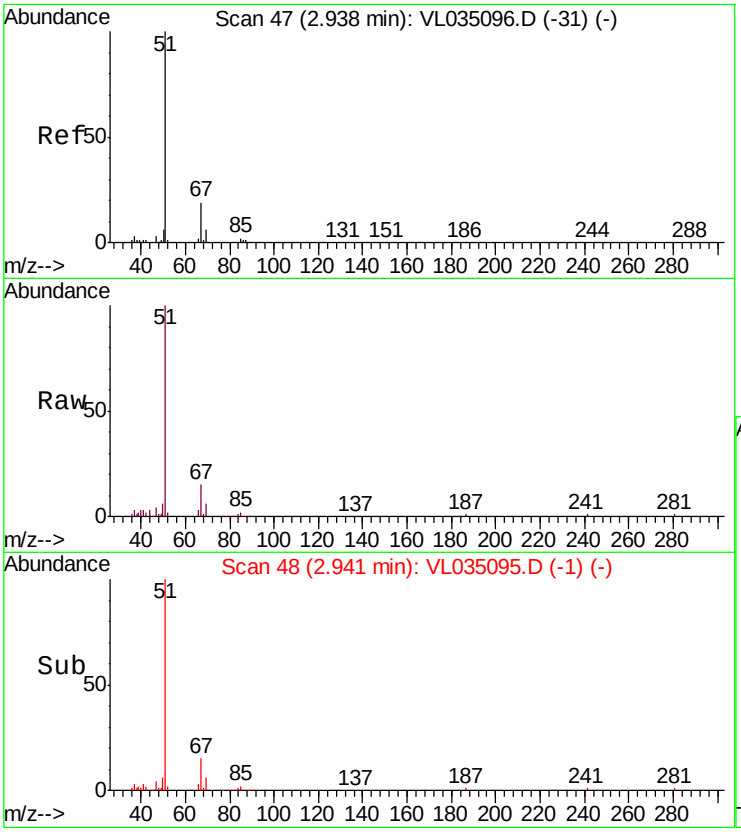


#2
Dichlorodifluoromethane
Concen: 0.701 ppbv
RT: 3.00 min Scan# 66
Delta R.T. 0.00 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Tgt Ion: 85 Resp: 127374

Ion	Ratio	Lower	Upper
85	100		
87	33.8	26.1	39.1



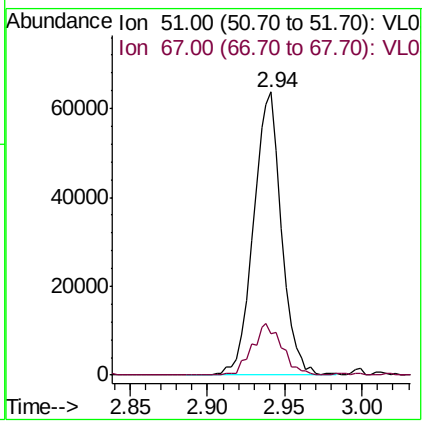


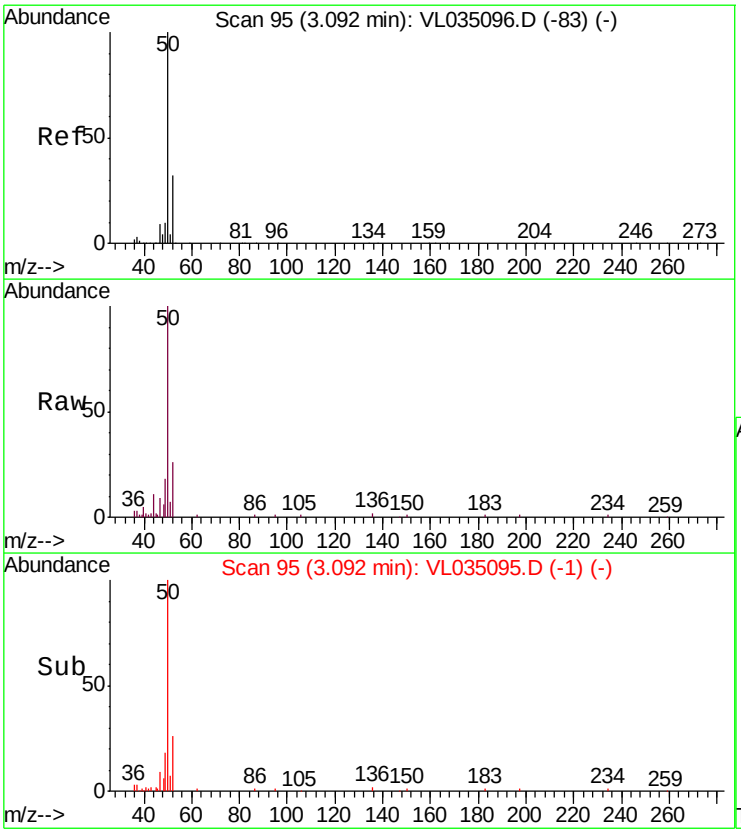
#3
Chlorodifluoromethane
Concen: 0.557 ppbv
RT: 2.94 min Scan# 48
Delta R.T. 0.00 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC0.5

Tgt Ion: 51 Resp: 80458

Ion	Ratio	Lower	Upper
51	100		
67	20.2	15.2	22.8

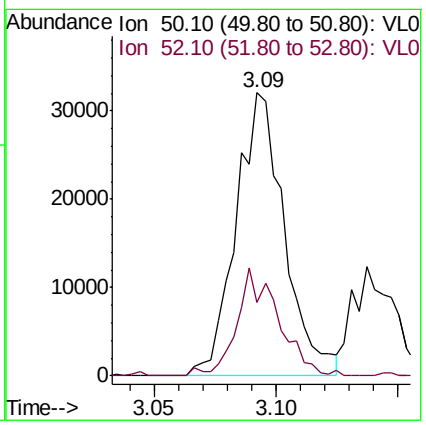


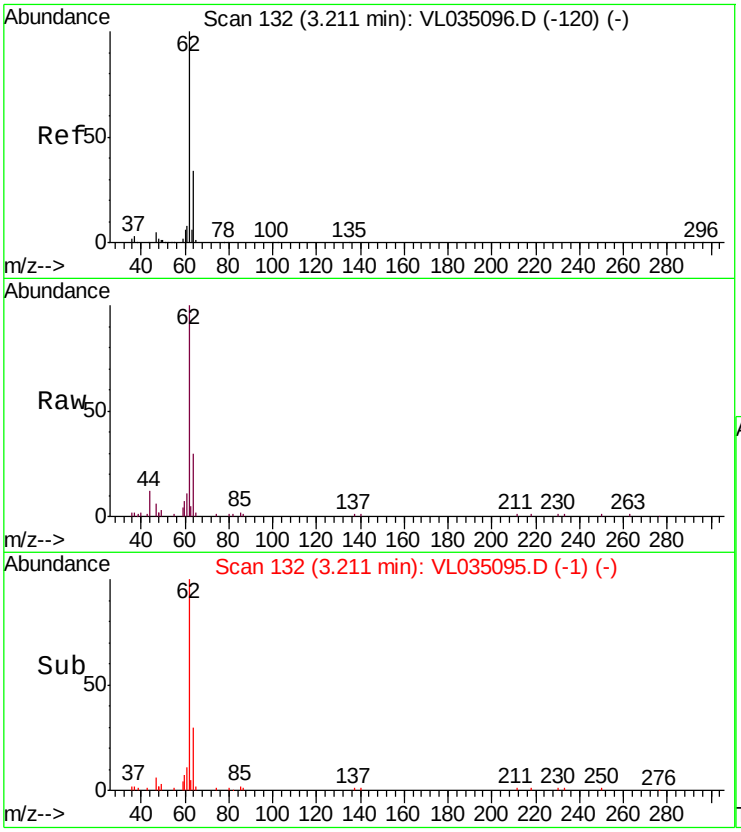


#4
Chloromethane
Concen: 0.532 ppbv
RT: 3.09 min Scan# 95
Delta R.T. 0.00 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Tgt Ion: 50 Resp: 44014

Ion	Ratio	Lower	Upper
50	100		
52	25.9	25.4	38.0



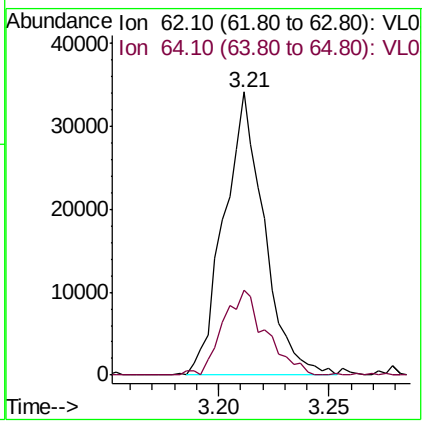


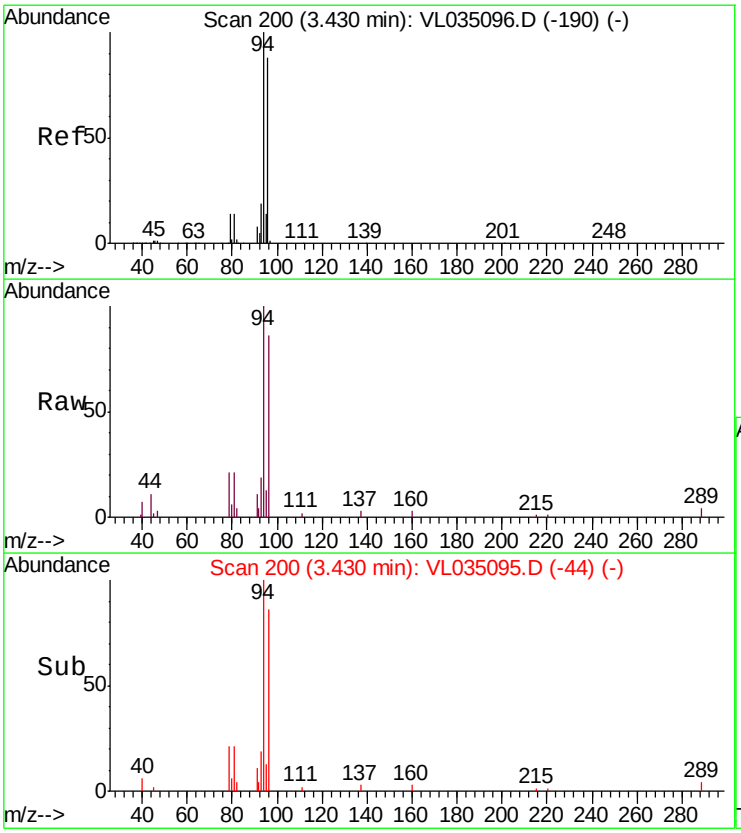
#5
Vinyl Chloride
Concen: 0.537 ppbv
RT: 3.21 min Scan# 132
Delta R.T. 0.00 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC0.5

Tgt Ion: 62 Resp: 43251

Ion	Ratio	Lower	Upper
62	100		
64	29.4	27.0	40.4

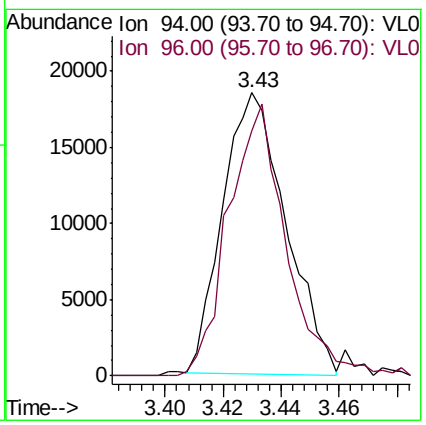


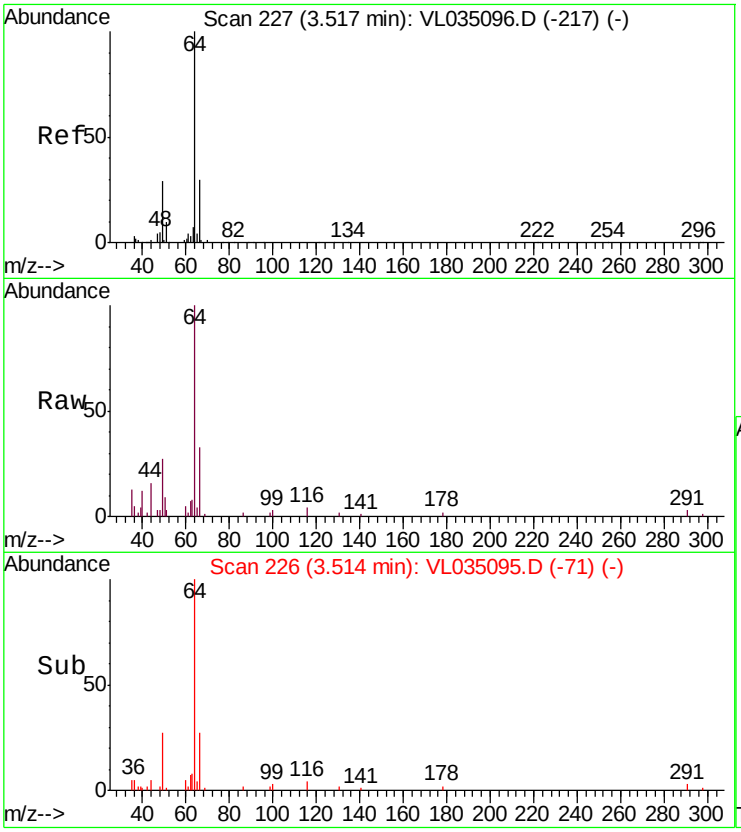


#6
Bromomethane
Concen: 0.582 ppbv
RT: 3.43 min Scan# 200
Delta R.T. 0.00 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Tgt Ion: 94 Resp: 28068

Ion	Ratio	Lower	Upper
94	100		
96	86.0	70.2	105.2



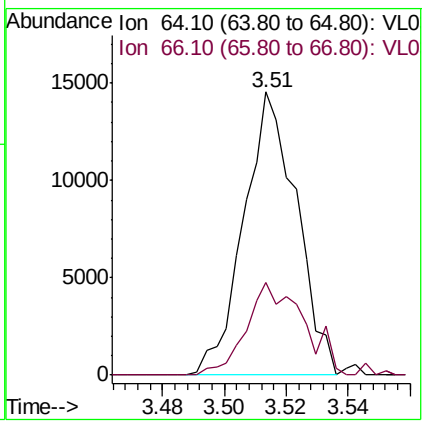


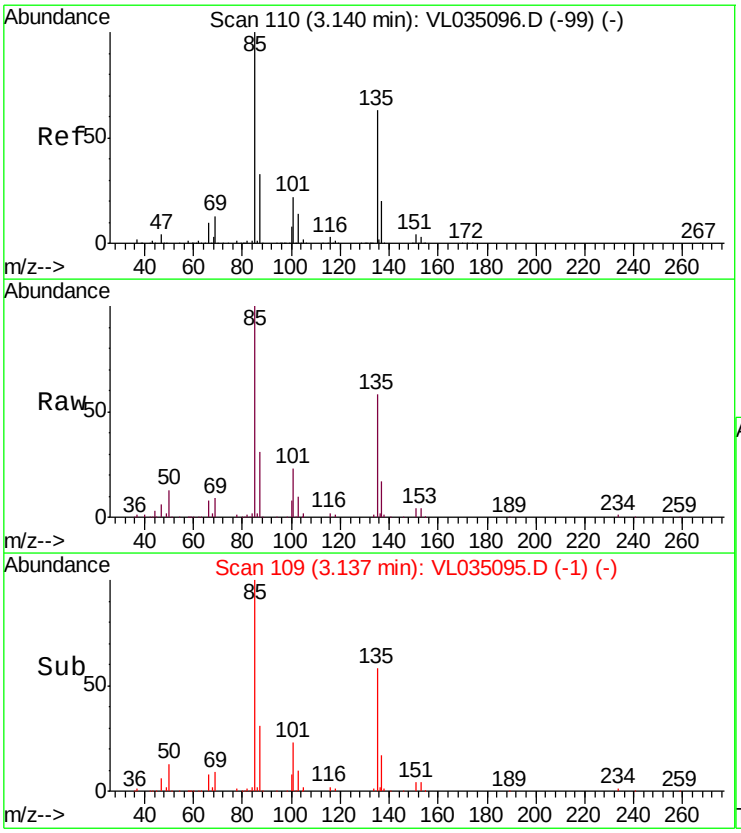
#7
Chloroethane
Concen: 0.594 ppbv
RT: 3.51 min Scan# 226
Delta R.T. -0.00 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC0.5

Tgt Ion: 64 Resp: 17171

Ion	Ratio	Lower	Upper
64	100		
66	32.6	24.2	36.4

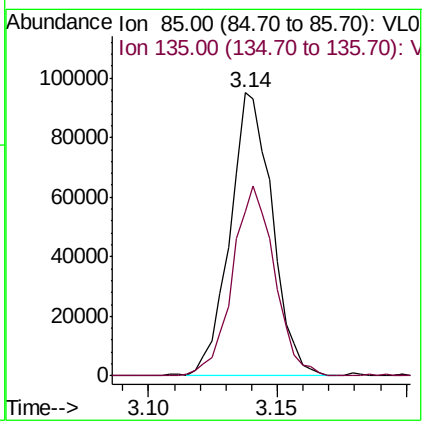


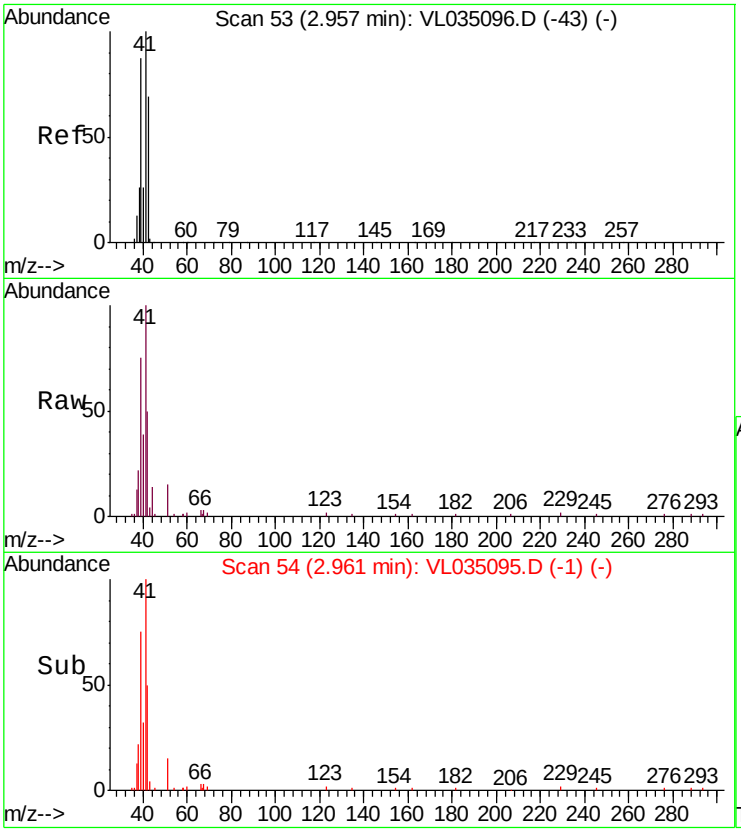


#8
Dichlorotetrafluoroethane
Concen: 0.582 ppbv
RT: 3.14 min Scan# 109
Delta R.T. -0.00 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Tgt Ion: 85 Resp: 108367

Ion	Ratio	Lower	Upper
85	100		
135	67.3	51.0	76.6



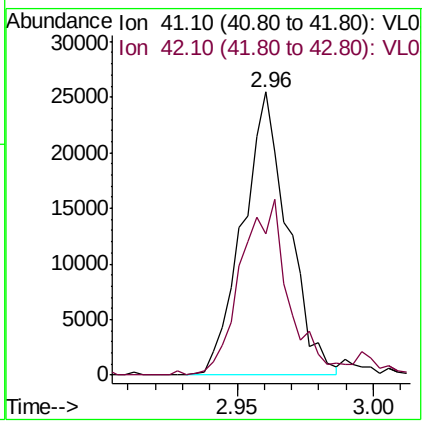


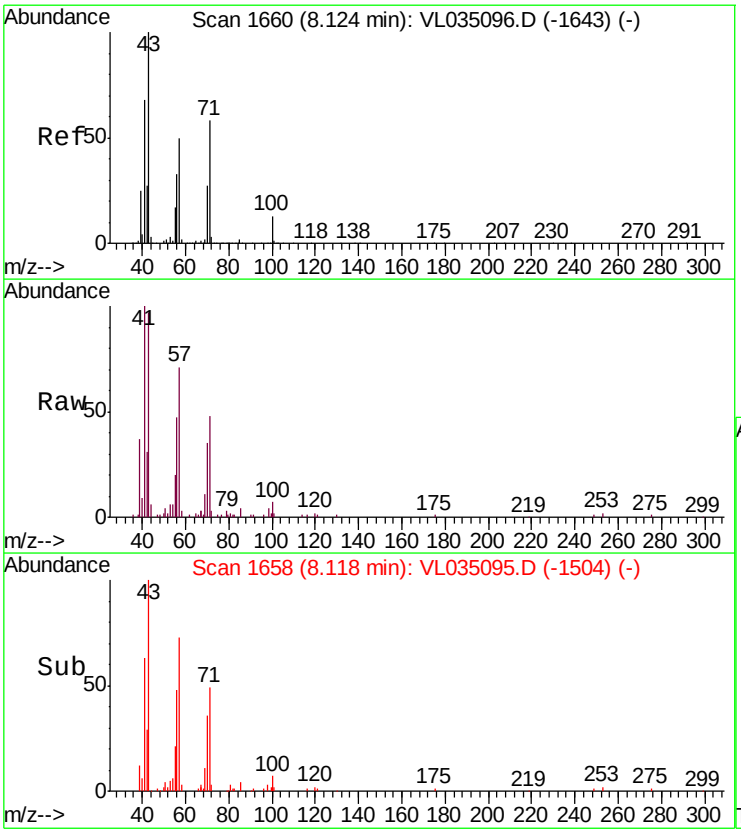
#9
Propene
Concen: 0.474 ppbv
RT: 2.96 min Scan# 54
Delta R.T. 0.00 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC0.5

Tgt Ion: 41 Resp: 29393

Ion	Ratio	Lower	Upper
41	100		
42	69.8	55.8	83.6

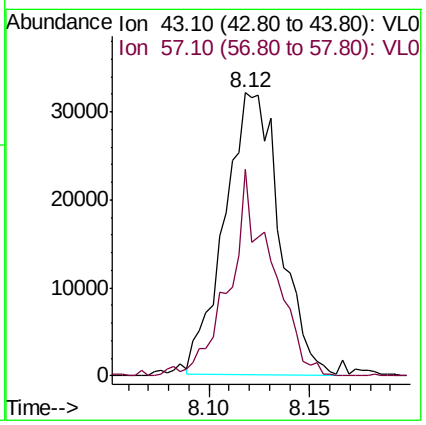


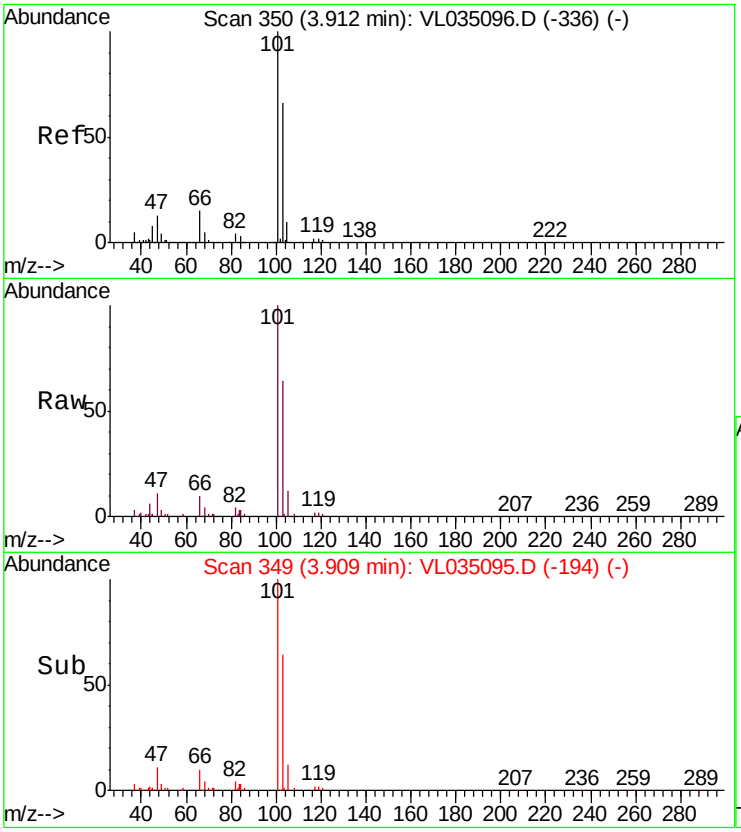


#10
Heptane
Concen: 0.394 ppbv
RT: 8.12 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Tgt Ion: 43 Resp: 61218

Ion	Ratio	Lower	Upper
43	100		
57	56.8	41.9	62.9



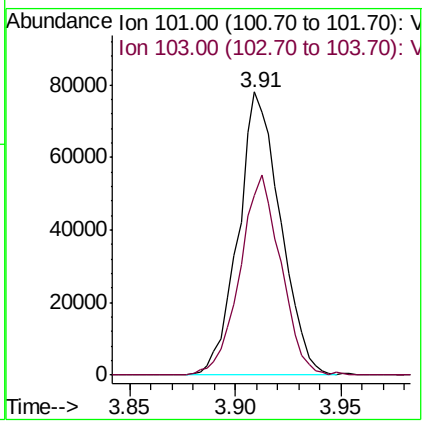


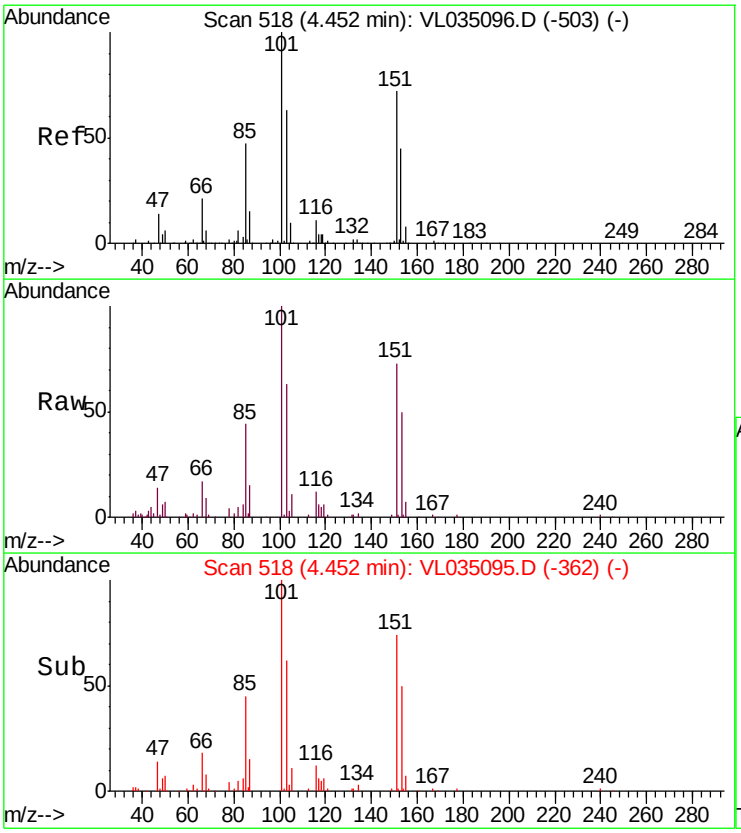
#11
Trichlorofluoromethane
Concen: 0.589 ppbv
RT: 3.91 min Scan# 349
Delta R.T. -0.00 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC0.5

Tgt Ion:101 Resp: 108820

Ion	Ratio	Lower	Upper
101	100		
103	63.6	52.6	79.0

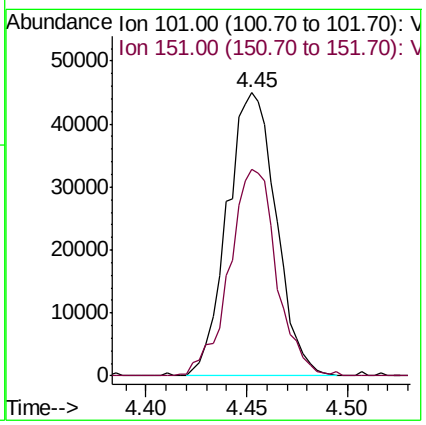


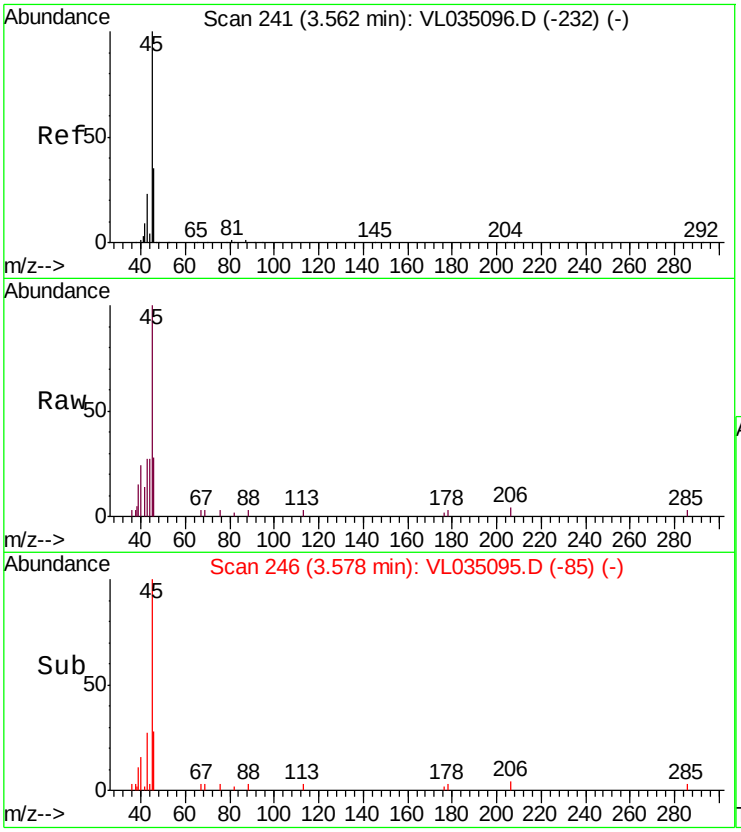


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.582 ppbv
RT: 4.45 min Scan# 518
Delta R.T. 0.00 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Tgt Ion:101 Resp: 76405

Ion	Ratio	Lower	Upper
101	100		
151	70.3	56.6	85.0



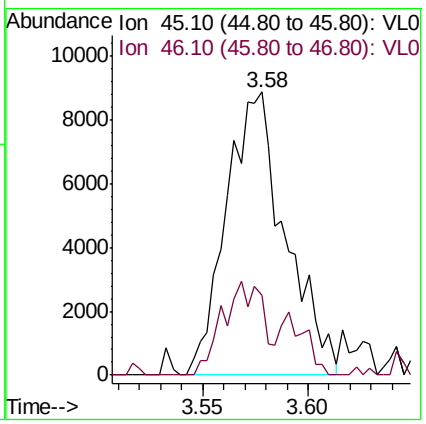


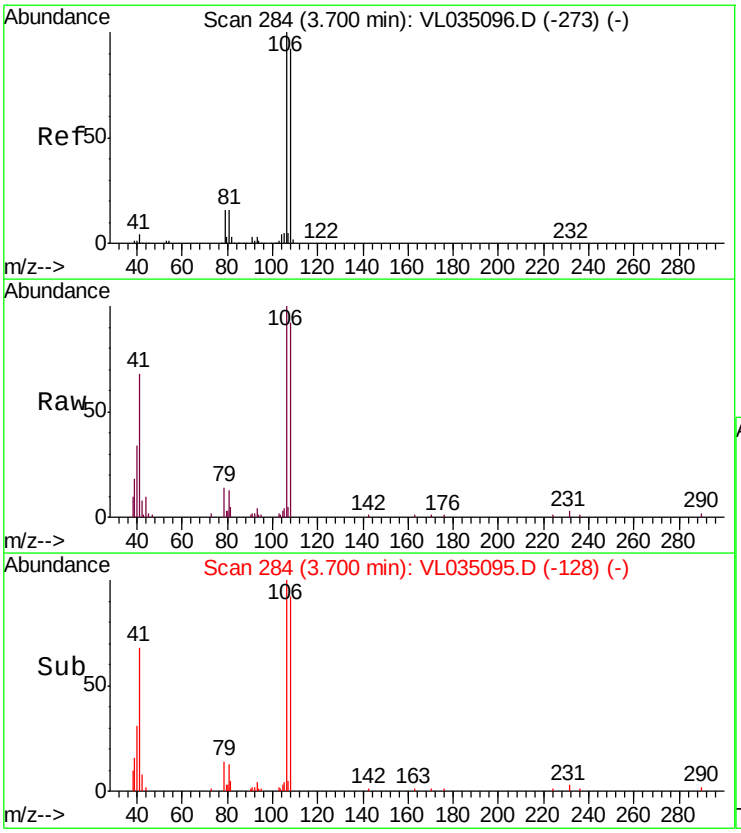
#13
Ethanol
Concen: 0.863 ppbv
RT: 3.58 min Scan# 246
Delta R.T. 0.02 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC0.5

Tgt Ion: 45 Resp: 17289

Ion	Ratio	Lower	Upper
45	100		
46	32.2	14.2	57.0

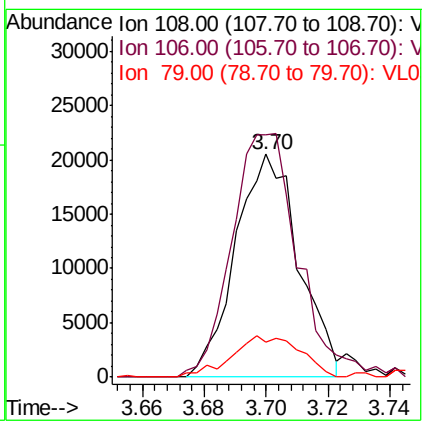


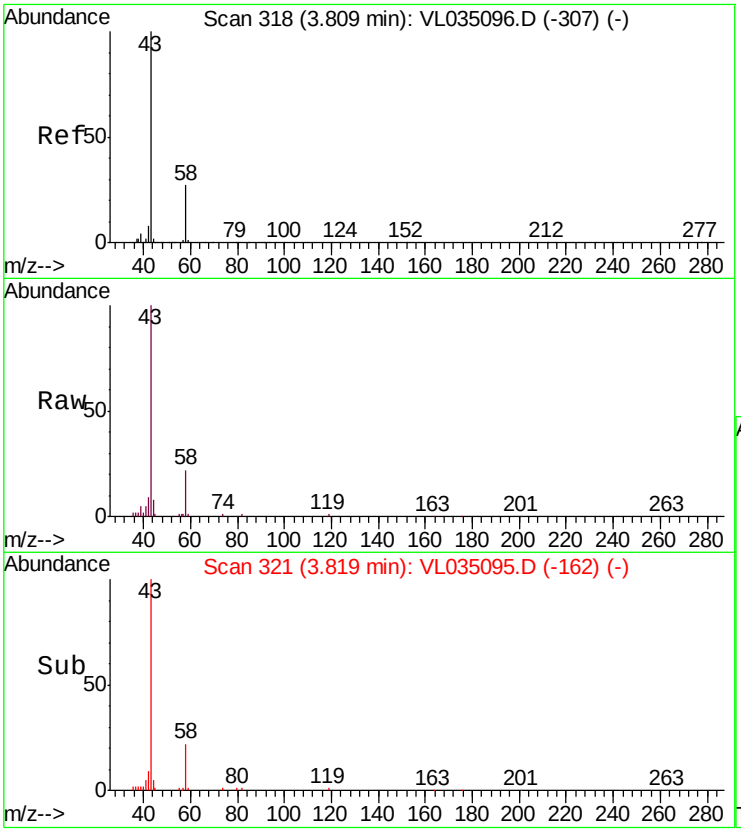


#14
Bromoethene
Concen: 0.537 ppbv
RT: 3.70 min Scan# 284
Delta R.T. 0.00 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Tgt Ion:108 Resp: 29214

Ion	Ratio	Lower	Upper
108	100		
106	114.9	84.4	126.6
79	20.3	14.2	21.2



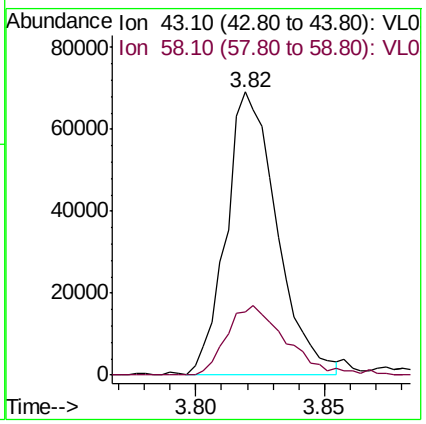


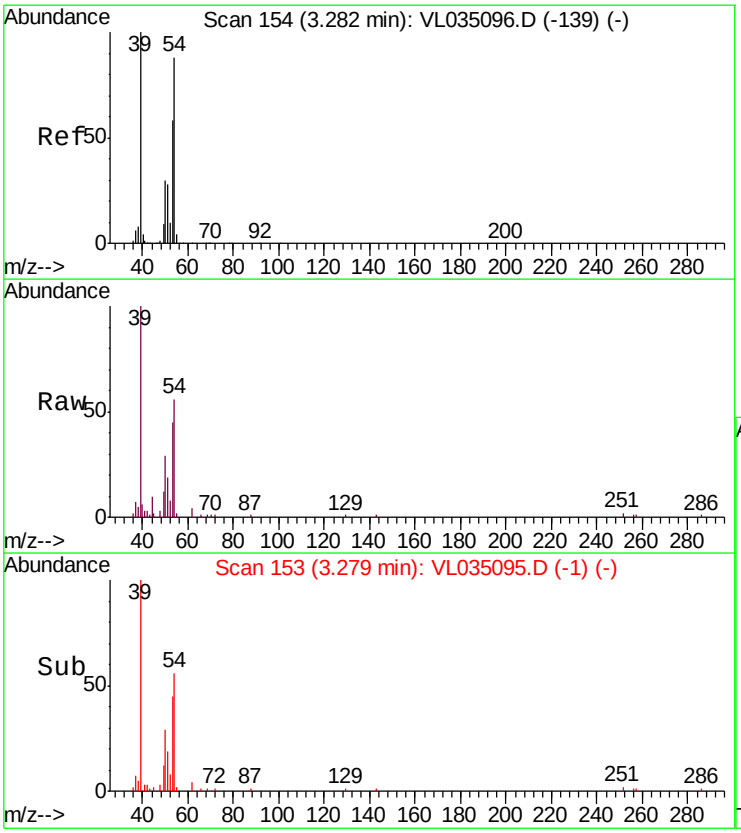
#15
Acetone
Concen: 0.564 ppbv
RT: 3.82 min Scan# 321
Delta R.T. 0.01 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Instrument : MSVOA_L
ClientSampleId : VSTDICCC0.5

Tgt Ion: 43 Resp: 94042

Ion	Ratio	Lower	Upper
43	100		
58	29.0	21.8	32.6

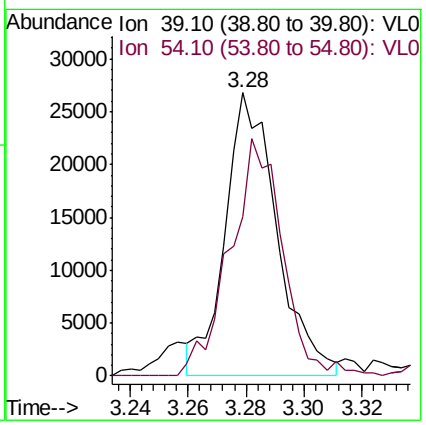


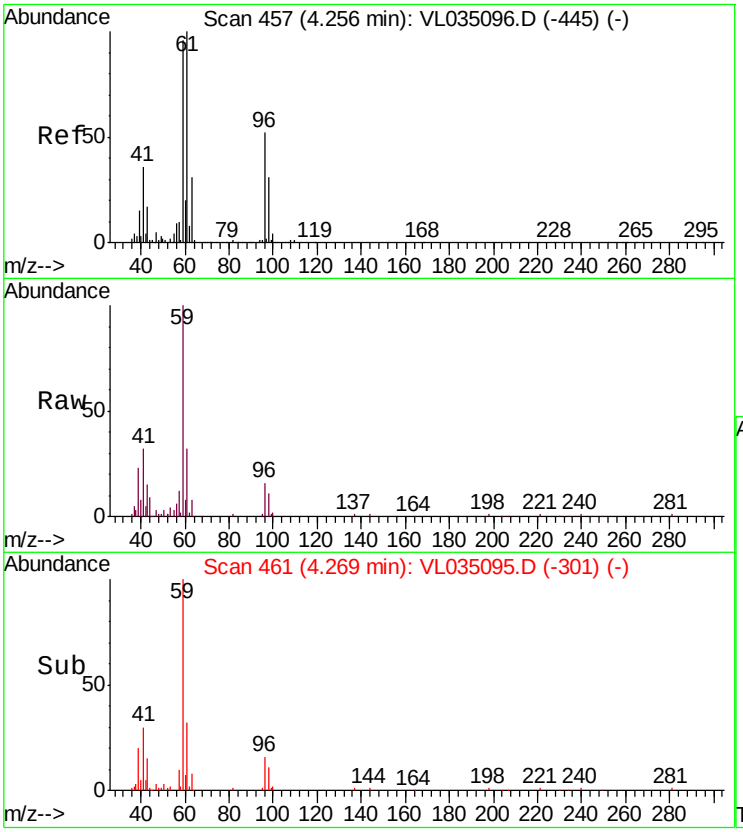


#16
1,3-Butadiene
Concen: 0.462 ppbv
RT: 3.28 min Scan# 153
Delta R.T. -0.00 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Tgt Ion: 39 Resp: 33206

Ion	Ratio	Lower	Upper
39	100		
54	86.0	67.0	100.4



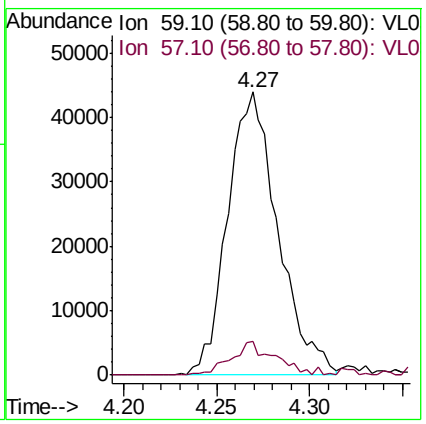


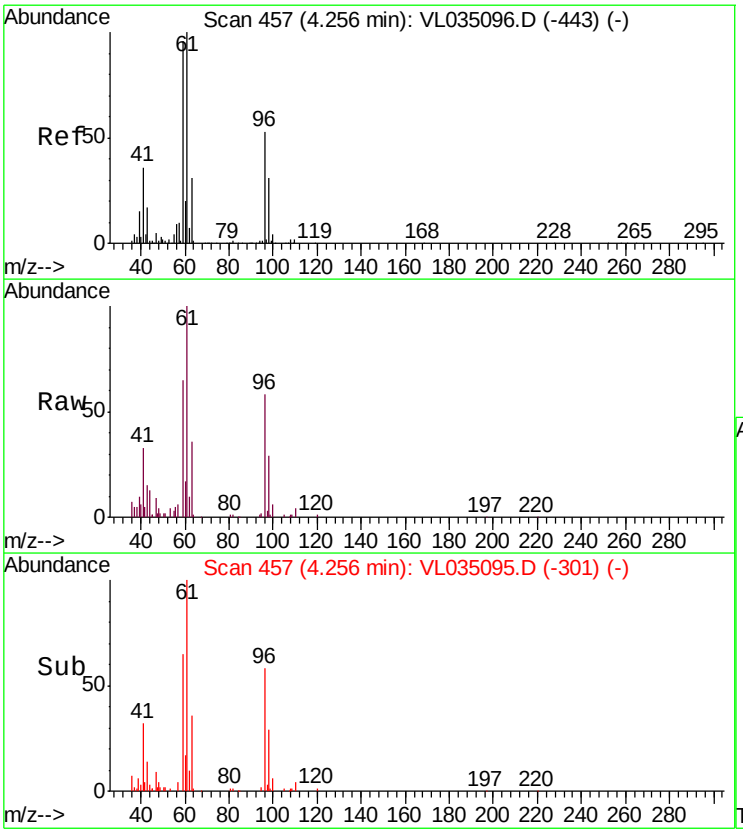
#17
tert-Butyl alcohol
Concen: 0.560 ppbv
RT: 4.27 min Scan# 461
Delta R.T. 0.01 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Instrument : MSVOA_L
ClientSampleId : VSTDICCC0.5

Tgt Ion: 59 Resp: 82824

Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.6	12.8

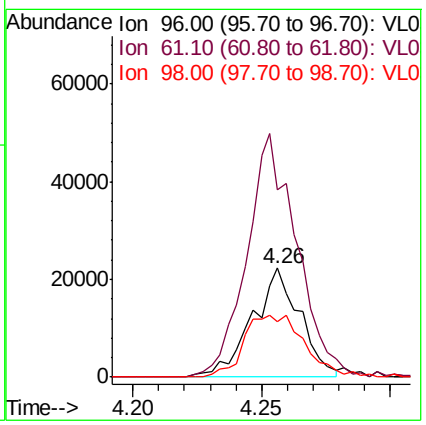


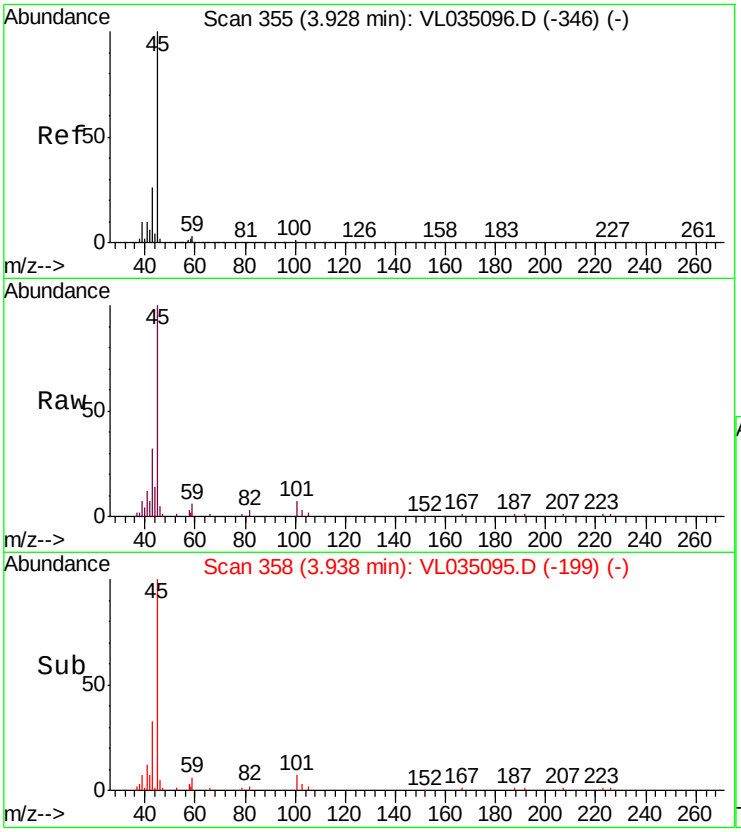


#18
1,1-Dichloroethene
Concen: 0.509 ppbv
RT: 4.26 min Scan# 457
Delta R.T. 0.00 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Tgt Ion: 96 Resp: 29017

Ion	Ratio	Lower	Upper
96	100		
61	189.8	152.2	228.4
98	50.7	47.7	71.5



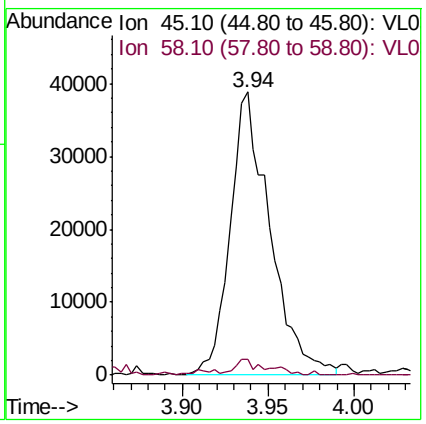


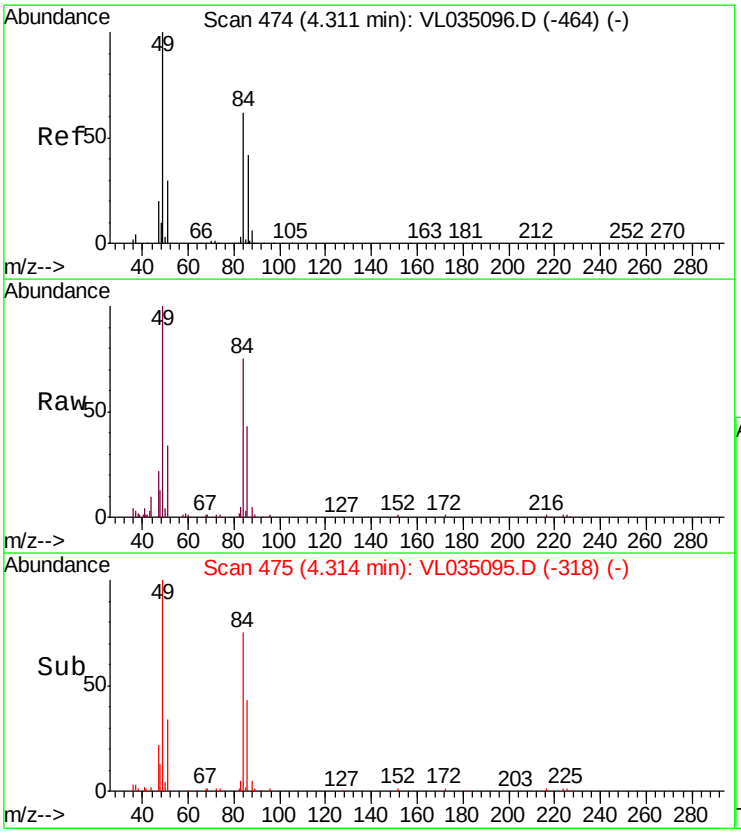
#19
Isopropyl Alcohol
Concen: 0.568 ppbv
RT: 3.94 min Scan# 358
Delta R.T. 0.01 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Instrument : MSVOA_L
ClientSampleId : VSTDICCC0.5

Tgt Ion: 45 Resp: 62400

Ion	Ratio	Lower	Upper
45	100		
58	5.8	1.8	2.8#

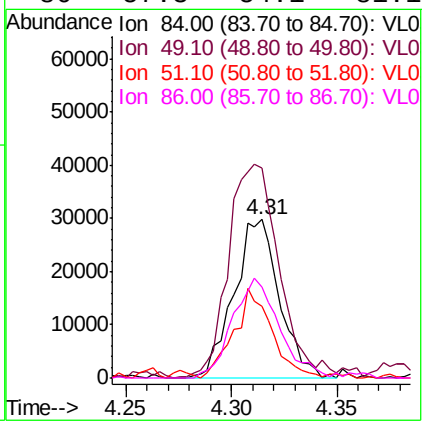


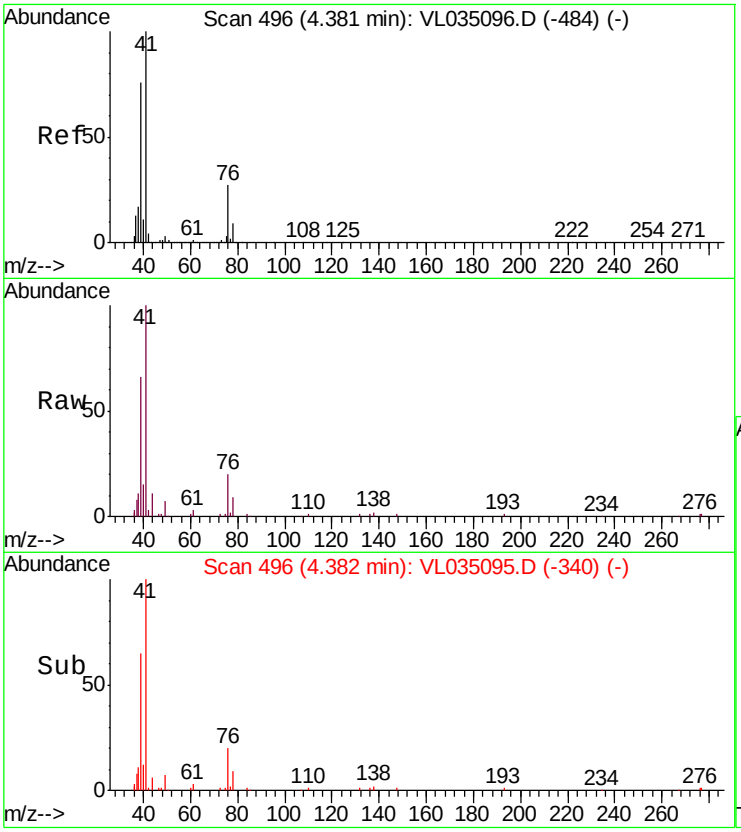


#20
Methylene Chloride
Concen: 0.813 ppbv
RT: 4.31 min Scan# 475
Delta R.T. 0.00 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Tgt Ion: 84 Resp: 44825

Ion	Ratio	Lower	Upper
84	100		
49	131.6	128.8	193.2
51	42.5	38.7	58.1
86	57.3	54.1	81.1



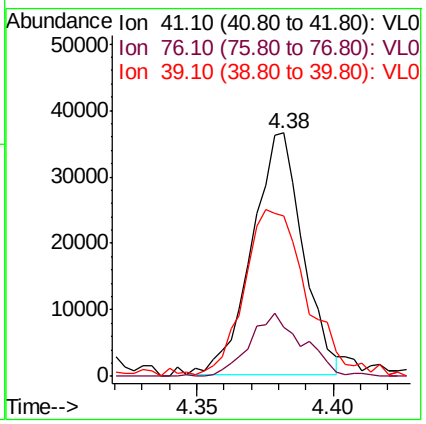


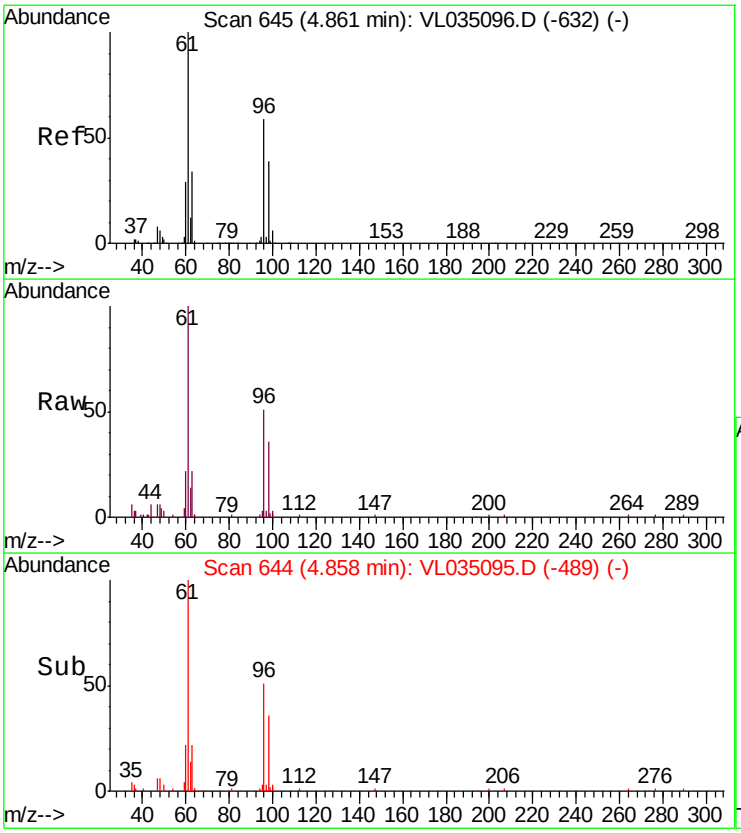
#21
Allyl Chloride
Concen: 0.502 ppbv
RT: 4.38 min Scan# 496
Delta R.T. 0.00 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Instrument : MSVOA_L
ClientSampleId : VSTDICCC0.5

Tgt Ion: 41 Resp: 47094

Ion	Ratio	Lower	Upper
41	100		
76	27.5	22.6	34.0
39	88.1	61.6	92.4

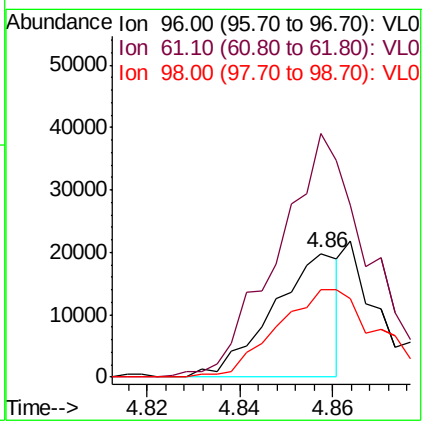


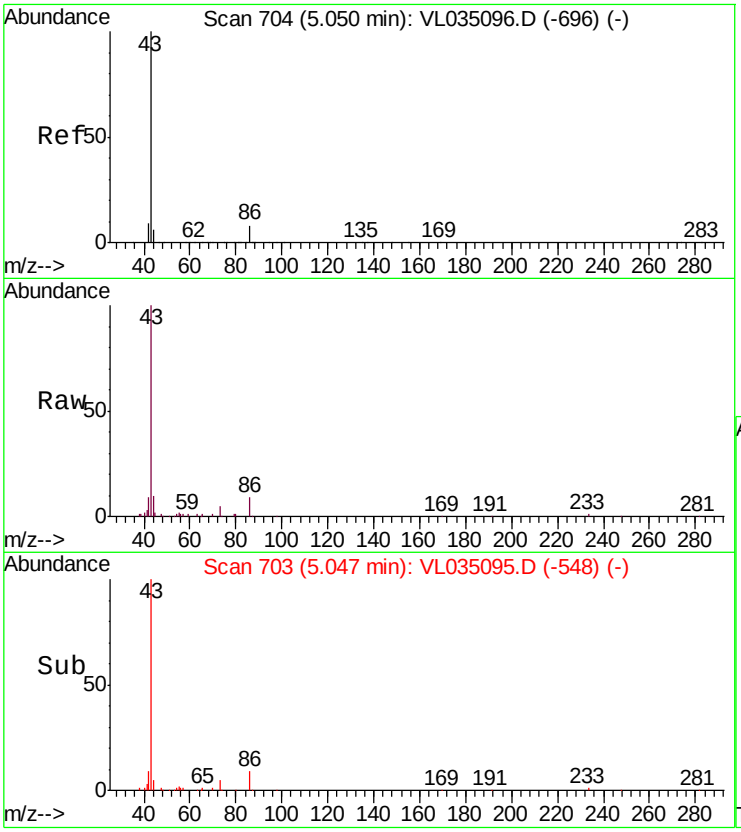


#22
trans-1,2-Dichloroethene
Concen: 0.353 ppbv
RT: 4.86 min Scan# 644
Delta R.T. -0.00 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Tgt Ion: 96 Resp: 19708

Ion	Ratio	Lower	Upper
96	100		
61	192.5	134.5	201.7
98	70.1	52.6	79.0



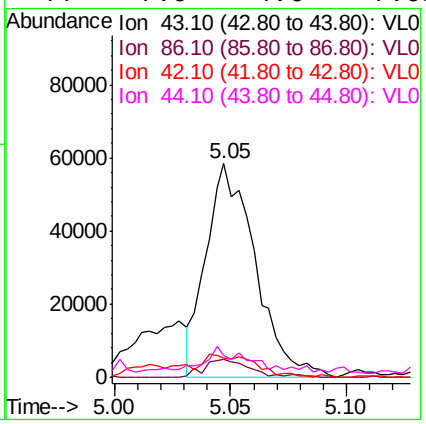


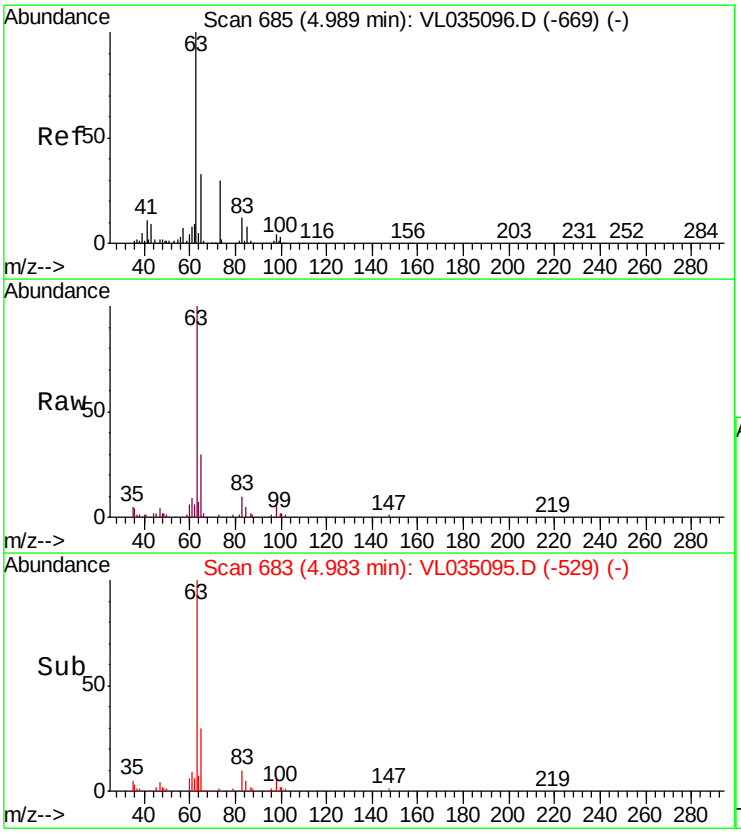
#23
Vinyl Acetate
Concen: 0.411 ppbv
RT: 5.05 min Scan# 703
Delta R.T. -0.00 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Instrument : MSVOA_L
ClientSampleId : VSTDICCC0.5

Tgt Ion: 43 Resp: 86031

Ion	Ratio	Lower	Upper
43	100		
86	8.5	6.2	9.2
42	8.7	8.1	12.1
44	7.9	4.6	7.0#

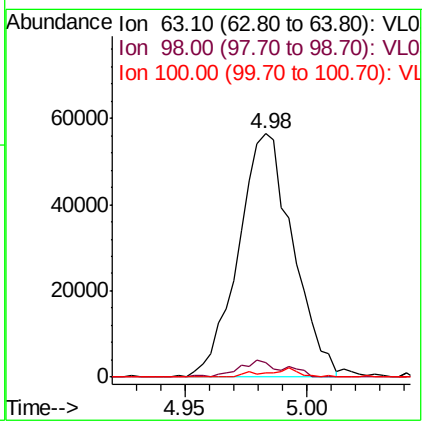


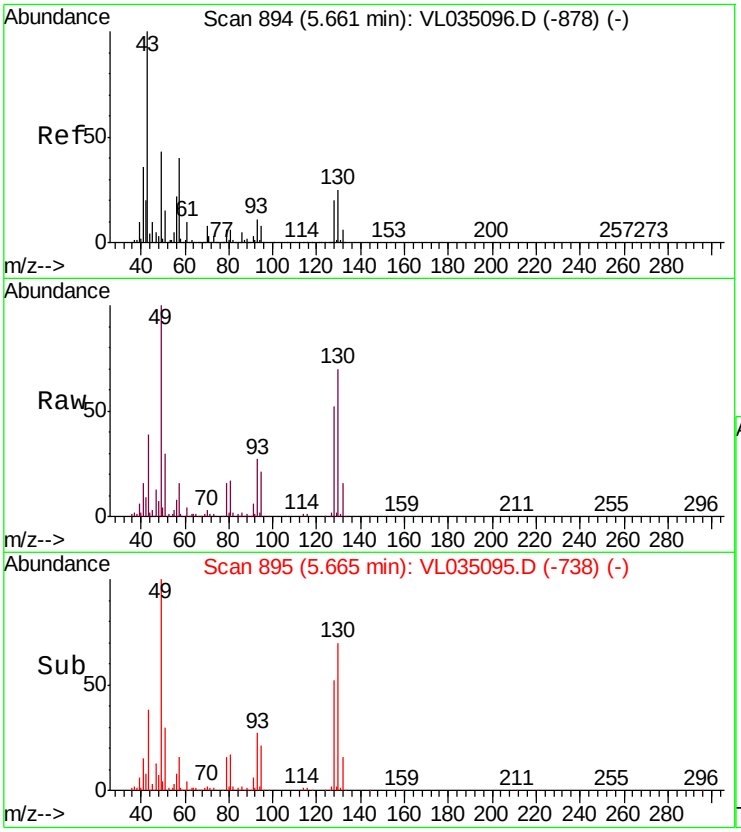


#24
1,1-Dichloroethane
Concen: 0.537 ppbv
RT: 4.98 min Scan# 683
Delta R.T. -0.01 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Tgt Ion: 63 Resp: 87562

Ion	Ratio	Lower	Upper
63	100		
98	5.9	2.3	6.9
100	1.6	1.4	4.0



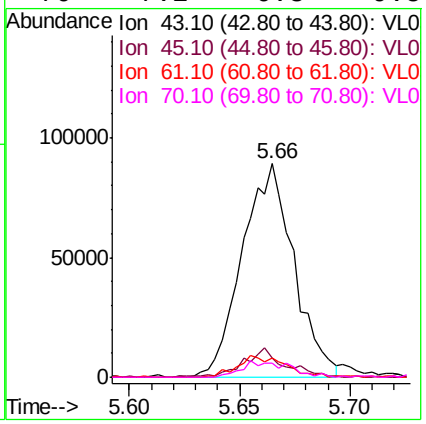


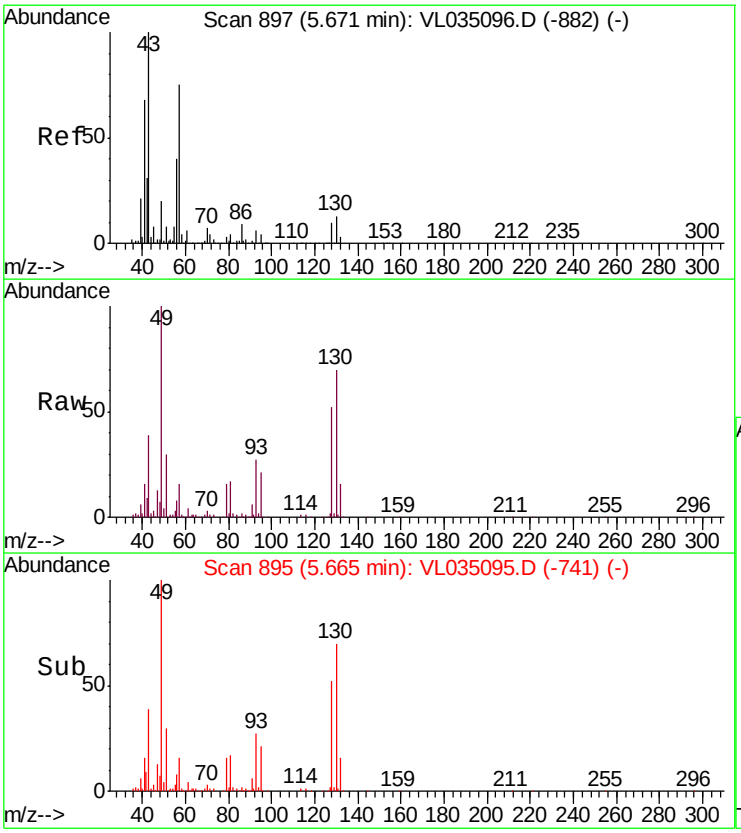
#25
Ethyl Acetate
Concen: 0.517 ppbv
RT: 5.66 min Scan# 895
Delta R.T. 0.00 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Instrument : MSVOA_L
ClientSampleId : VSTDICCC0.5

Tgt Ion: 43 Resp: 144620

Ion	Ratio	Lower	Upper
43	100		
45	11.1	8.4	12.6
61	10.1	8.0	12.0
70	7.2	6.3	9.5

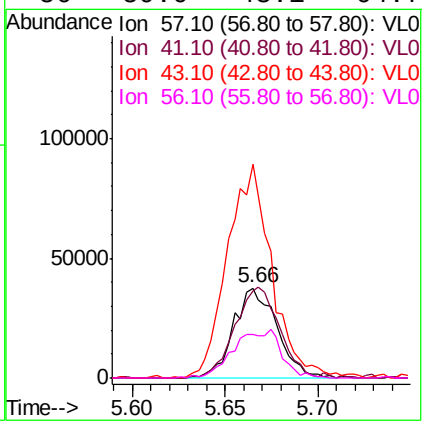


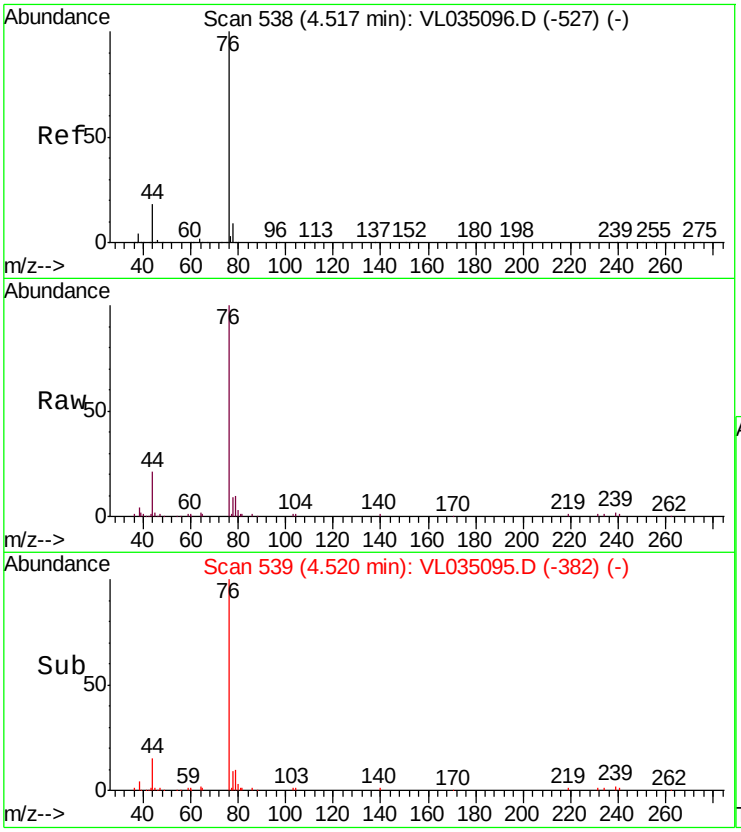


#26
Hexane
Concen: 0.505 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.01 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Tgt Ion: 57 Resp: 61365

Ion	Ratio	Lower	Upper
57	100		
41	106.2	72.9	109.3
43	243.0	181.3	271.9
56	59.0	43.1	64.7



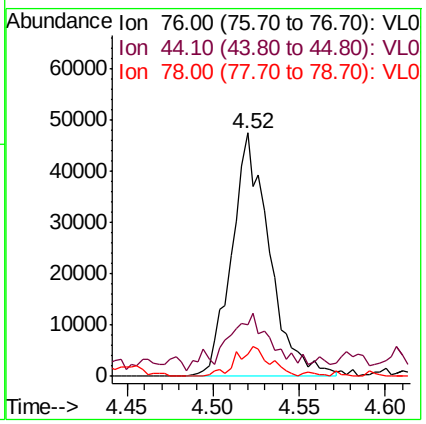


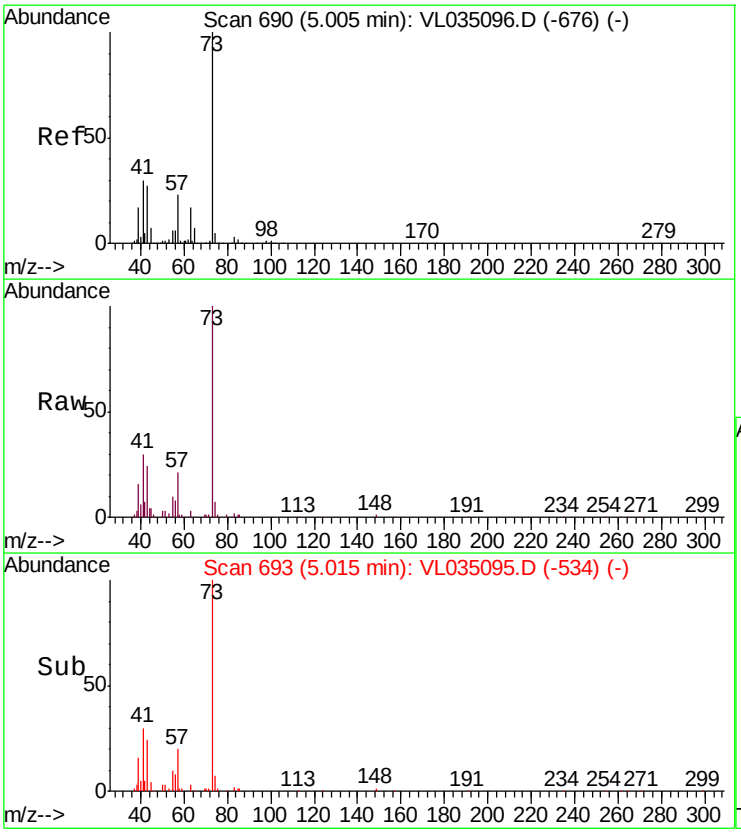
#27
Carbon Disulfide
Concen: 0.511 ppbv
RT: 4.52 min Scan# 539
Delta R.T. 0.00 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Instrument : MSVOA_L
ClientSampleId : VSTDICCC0.5

Tgt Ion: 76 Resp: 72324

Ion	Ratio	Lower	Upper
76	100		
44	27.6	15.8	23.8#
78	11.6	7.6	11.4#

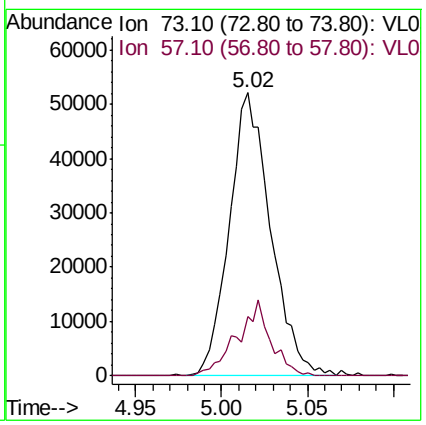


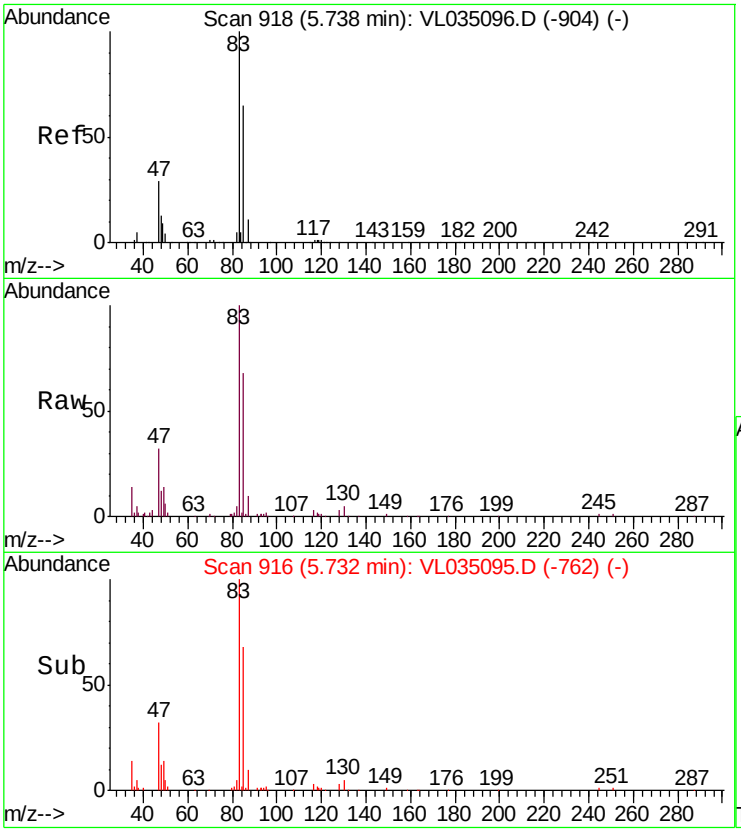


#28
Methyl tert-Butyl Ether
Concen: 0.473 ppbv
RT: 5.02 min Scan# 693
Delta R.T. 0.01 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Tgt Ion: 73 Resp: 87212

Ion	Ratio	Lower	Upper
73	100		
57	21.7	18.5	27.7



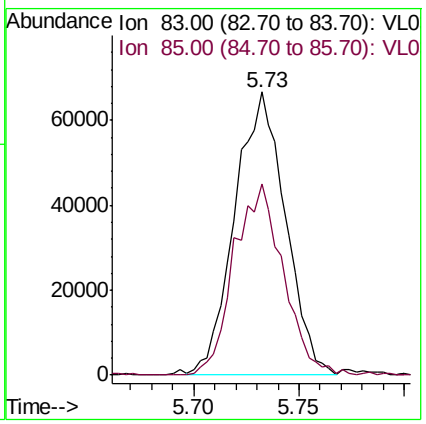


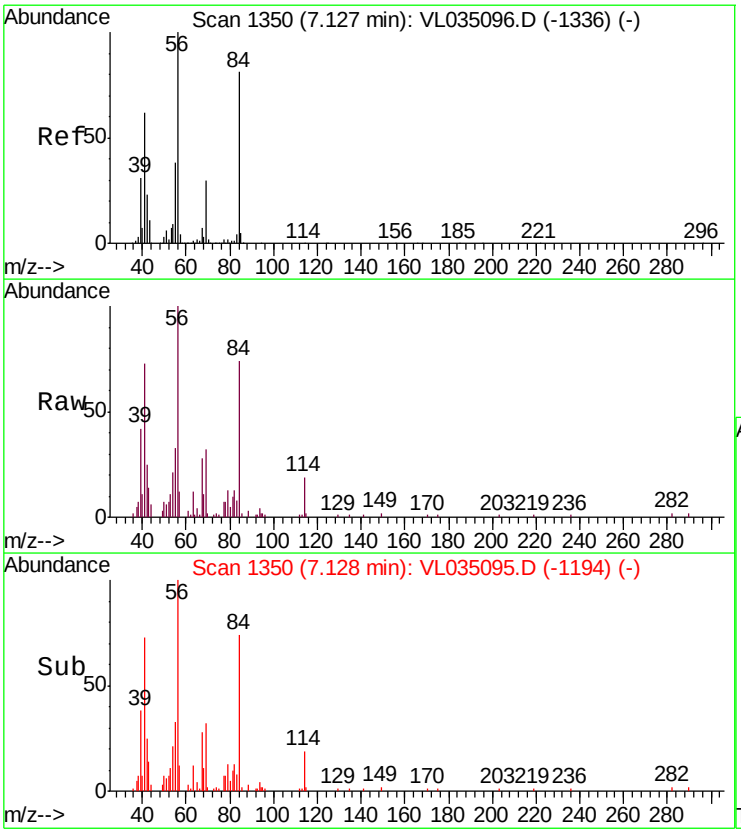
#29
Chloroform
Concen: 0.553 ppbv
RT: 5.73 min Scan# 916
Delta R.T. -0.01 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC0.5

Tgt Ion: 83 Resp: 110173

Ion	Ratio	Lower	Upper
83	100		
85	67.9	52.1	78.1

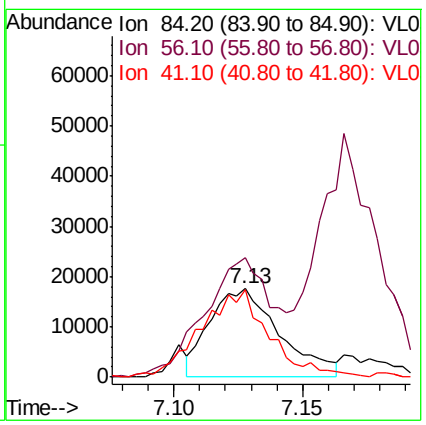


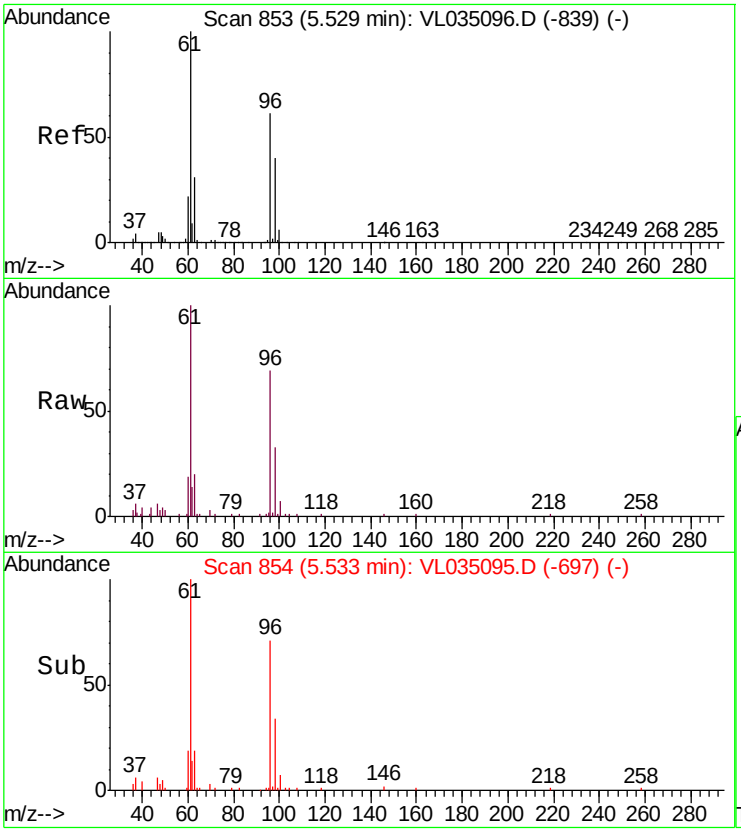


#30
Cyclohexane
Concen: 0.354 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Tgt Ion: 84 Resp: 33295

Ion	Ratio	Lower	Upper
84	100		
56	123.6	108.0	162.0
41	98.4	65.6	98.4



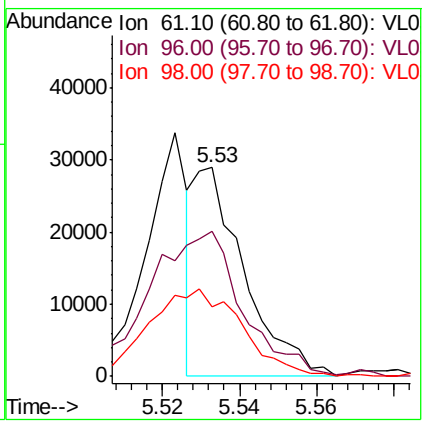


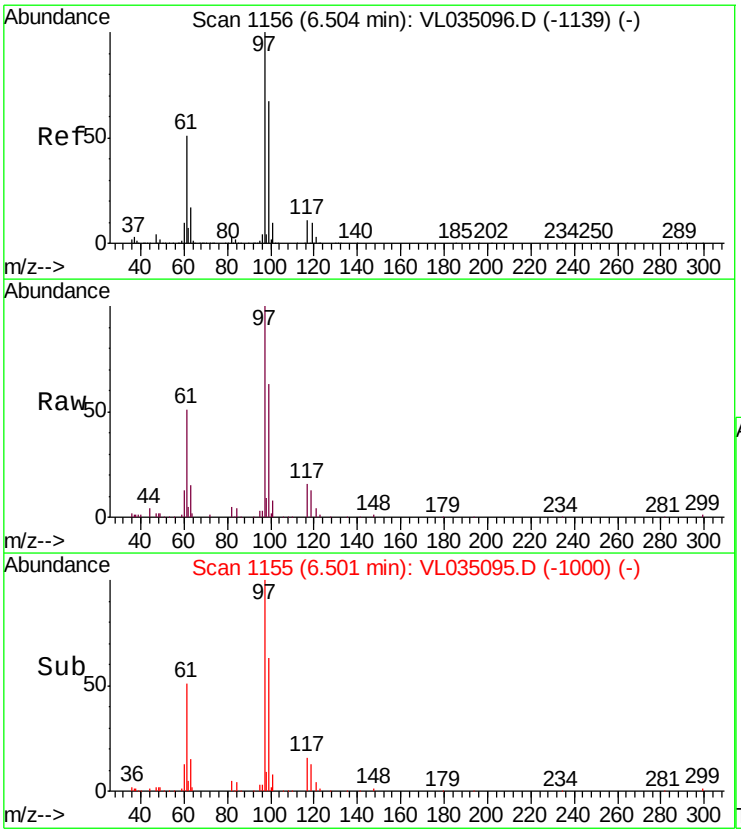
#31
cis-1,2-Dichloroethene
Concen: 0.216 ppbv
RT: 5.53 min Scan# 854
Delta R.T. 0.00 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC0.5

Tgt Ion: 61 Resp: 25713

Ion	Ratio	Lower	Upper
61	100		
96	68.7	48.8	73.2
98	33.3	31.9	47.9

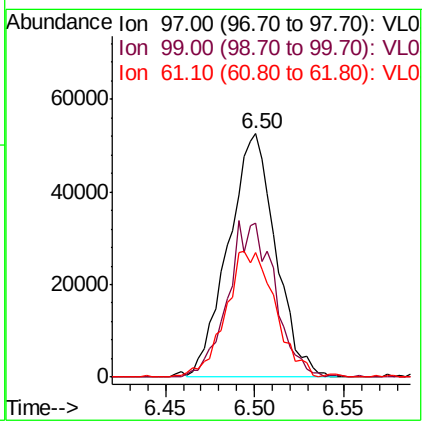


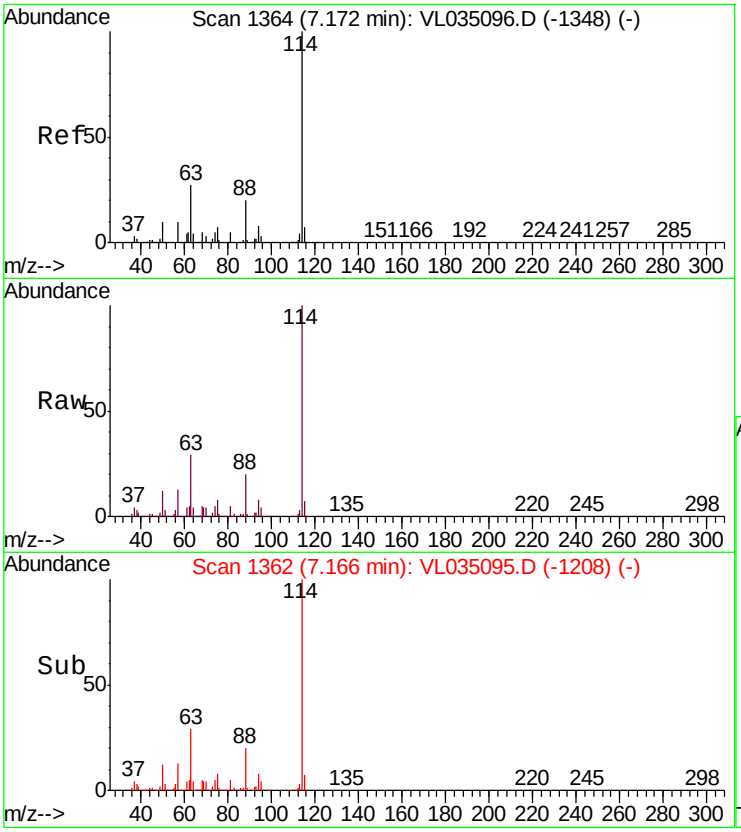


#32
1,1,1-Trichloroethane
Concen: 0.540 ppbv
RT: 6.50 min Scan# 1155
Delta R.T. -0.00 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Tgt Ion: 97 Resp: 97260

Ion	Ratio	Lower	Upper
97	100		
99	62.8	52.0	78.0
61	54.3	41.0	61.6



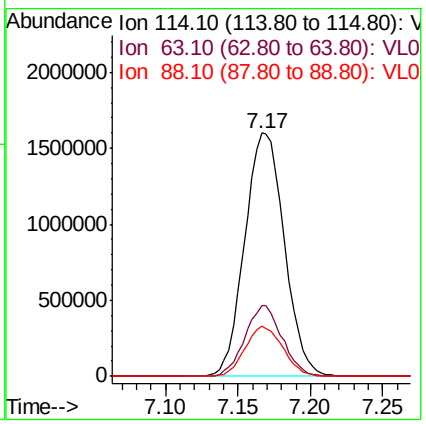


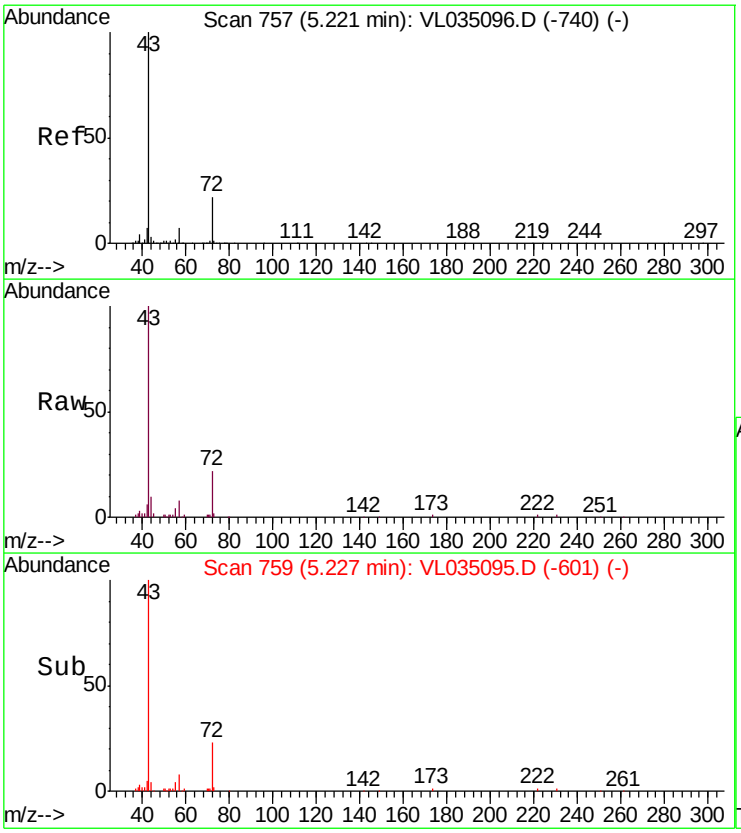
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC0.5

Tgt Ion:114 Resp: 3045326

Ion	Ratio	Lower	Upper
114	100		
63	27.4	21.9	32.9
88	19.6	15.6	23.4

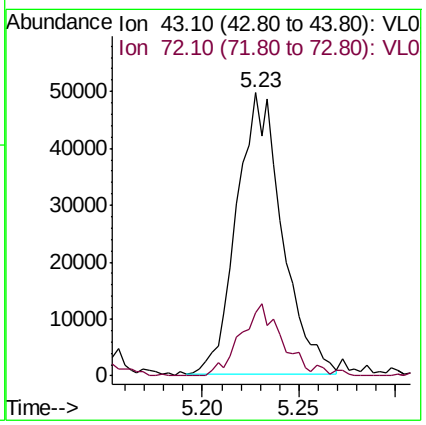


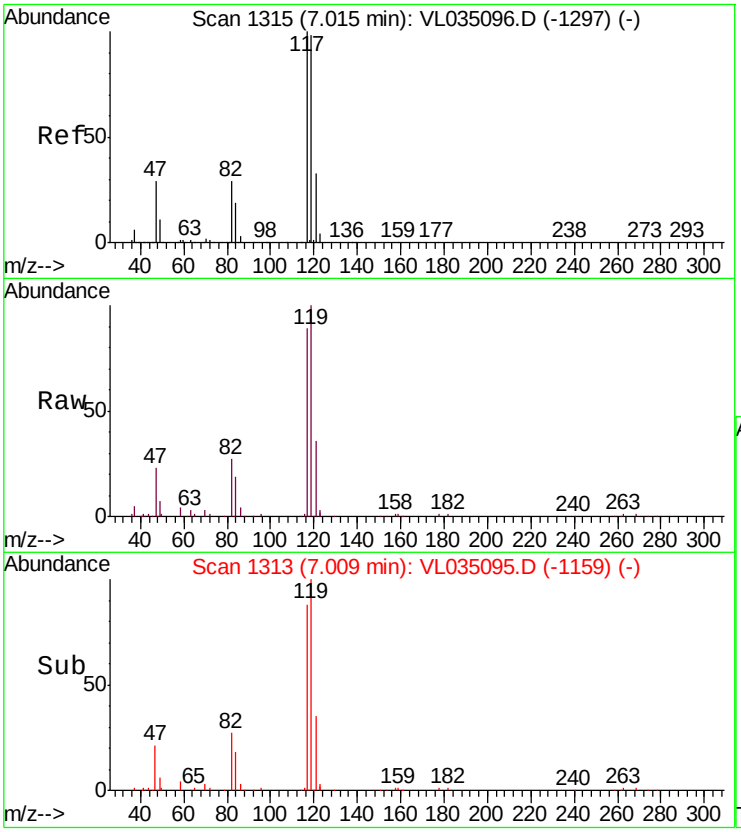


#34
2-Butanone
Concen: 0.430 ppbv
RT: 5.23 min Scan# 759
Delta R.T. 0.01 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Tgt Ion: 43 Resp: 80912

Ion	Ratio	Lower	Upper
43	100		
72	24.0	18.3	27.5



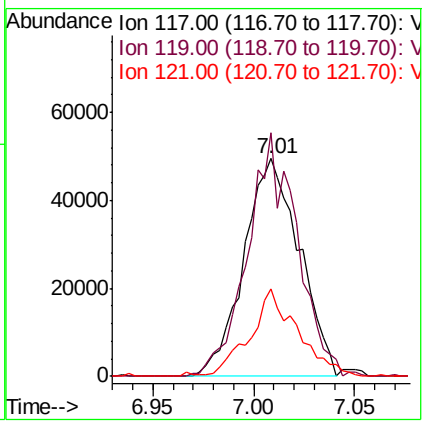


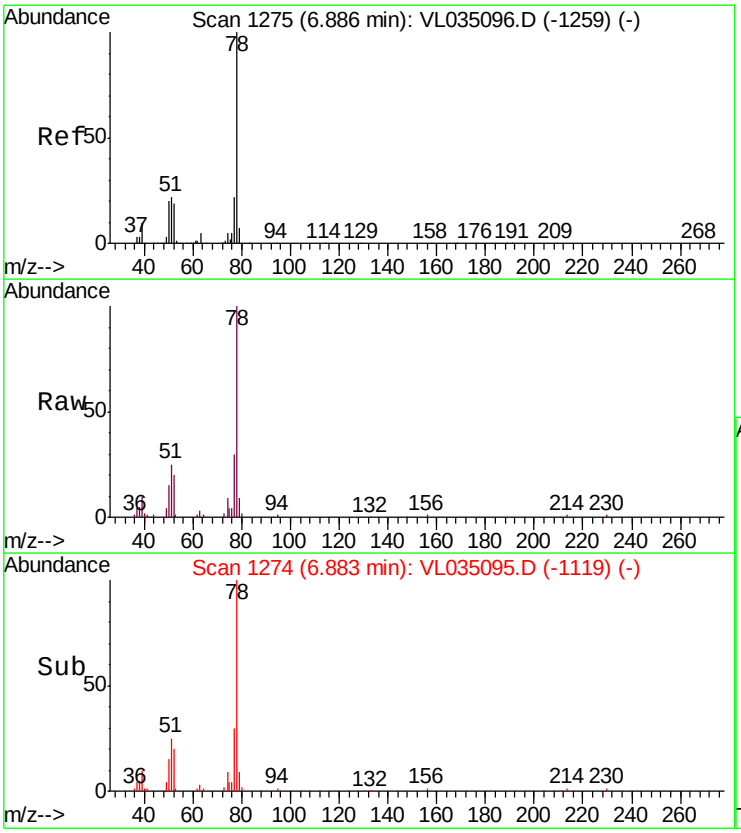
#35
Carbon Tetrachloride
Concen: 0.495 ppbv
RT: 7.01 min Scan# 1313
Delta R.T. -0.01 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Instrument : MSVOA_L
ClientSampleId : VSTDICCC0.5

Tgt Ion:117 Resp: 94922

Ion	Ratio	Lower	Upper
117	100		
119	111.5	78.3	117.5
121	38.2	26.0	39.0

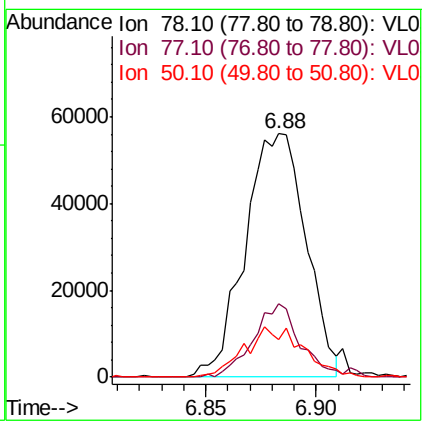


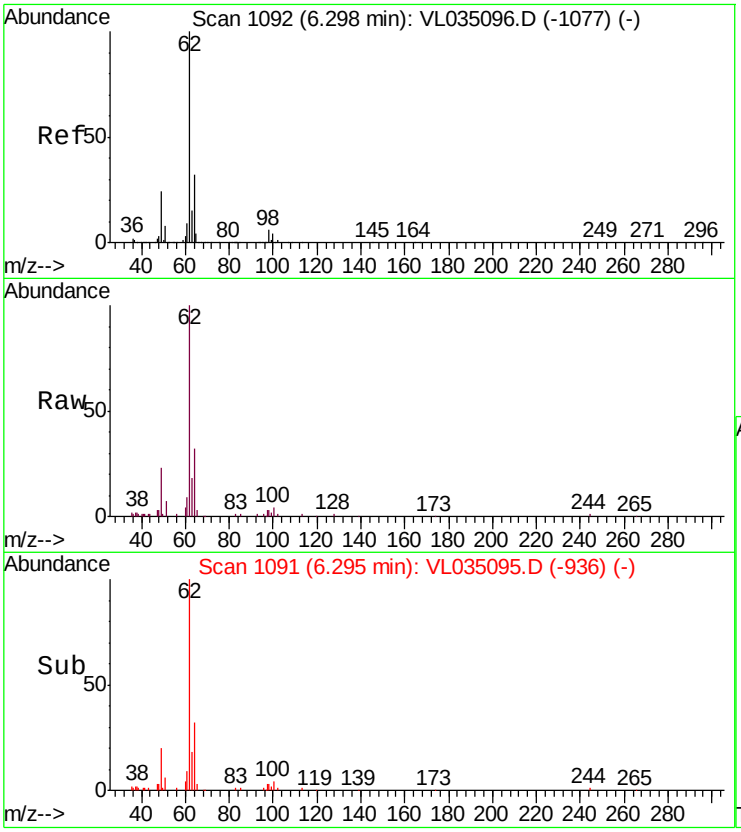


#36
Benzene
Concen: 0.428 ppbv
RT: 6.88 min Scan# 1274
Delta R.T. -0.00 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Tgt Ion: 78 Resp: 107357

Ion	Ratio	Lower	Upper
78	100		
77	30.0	17.8	26.6#
50	14.7	16.2	24.2#



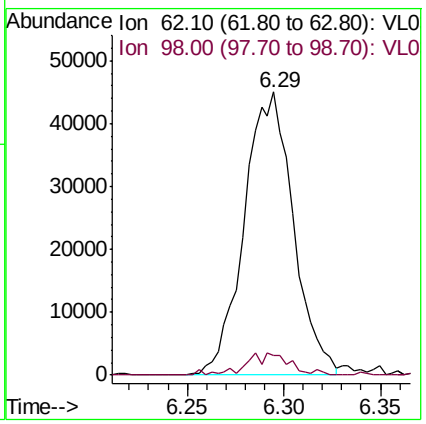


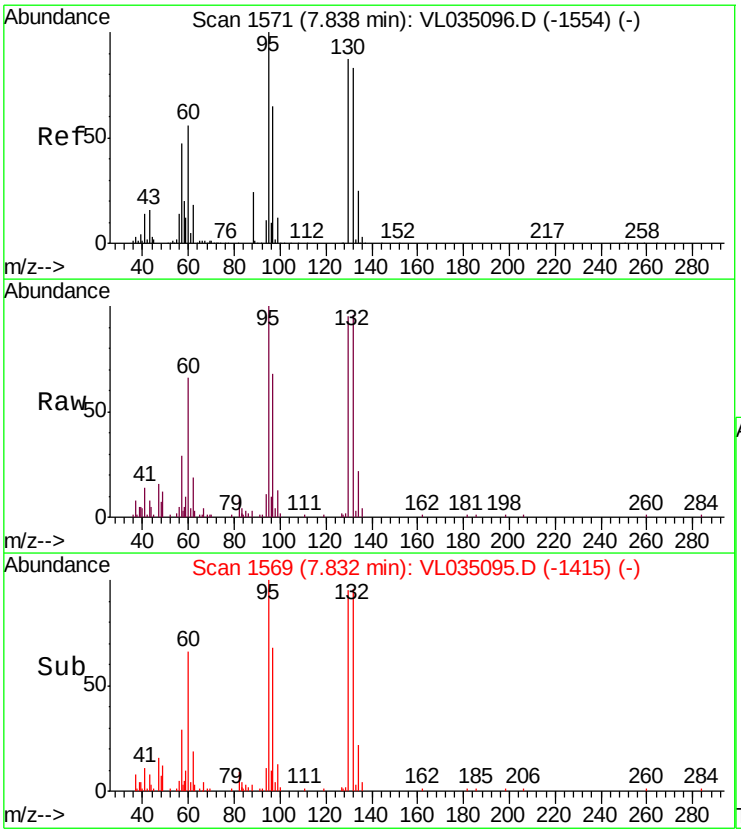
#37
1,2-Dichloroethane
Concen: 0.513 ppbv
RT: 6.29 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Instrument : MSVOA_L
ClientSampleId : VSTDICCC0.5

Tgt Ion: 62 Resp: 79528

Ion	Ratio	Lower	Upper
62	100		
98	6.9	4.8	7.2

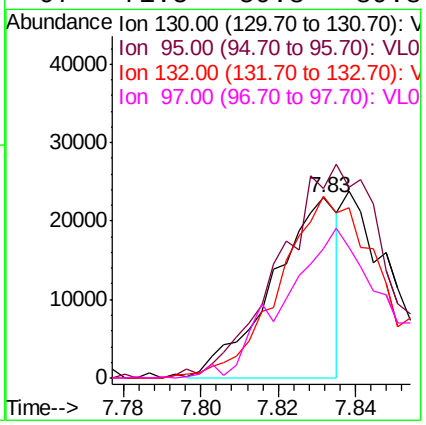


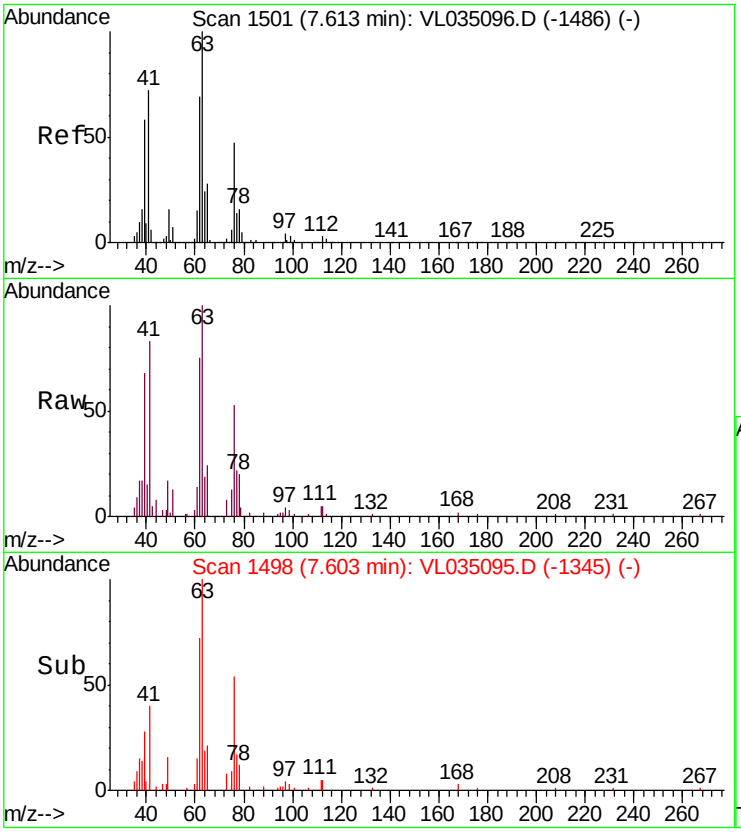


#38
Trichloroethene
Concen: 0.275 ppbv
RT: 7.83 min Scan# 1569
Delta R.T. -0.01 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Tgt Ion:130 Resp: 26874

Ion	Ratio	Lower	Upper
130	100		
95	101.2	91.4	137.2
132	99.2	75.8	113.6
97	71.5	59.8	89.8



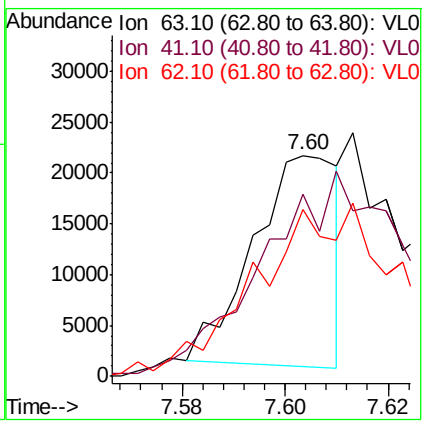


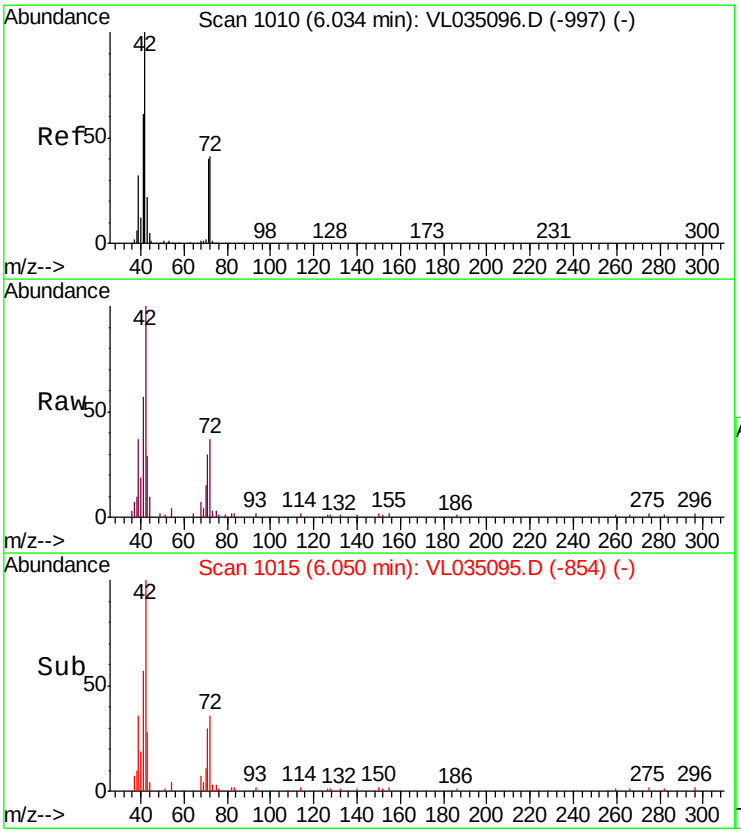
#39
1,2-Dichloropropane
Concen: 0.234 ppbv
RT: 7.60 min Scan# 1498
Delta R.T. -0.01 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Instrument : MSVOA_L
ClientSampleId : VSTDICCC0.5

Tgt Ion: 63 Resp: 23467

Ion	Ratio	Lower	Upper
63	100		
41	76.1	58.0	87.0
62	63.9	55.4	83.0

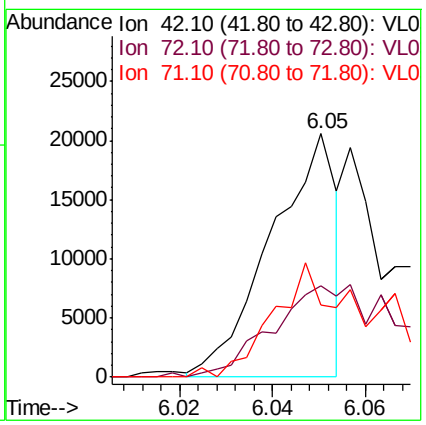


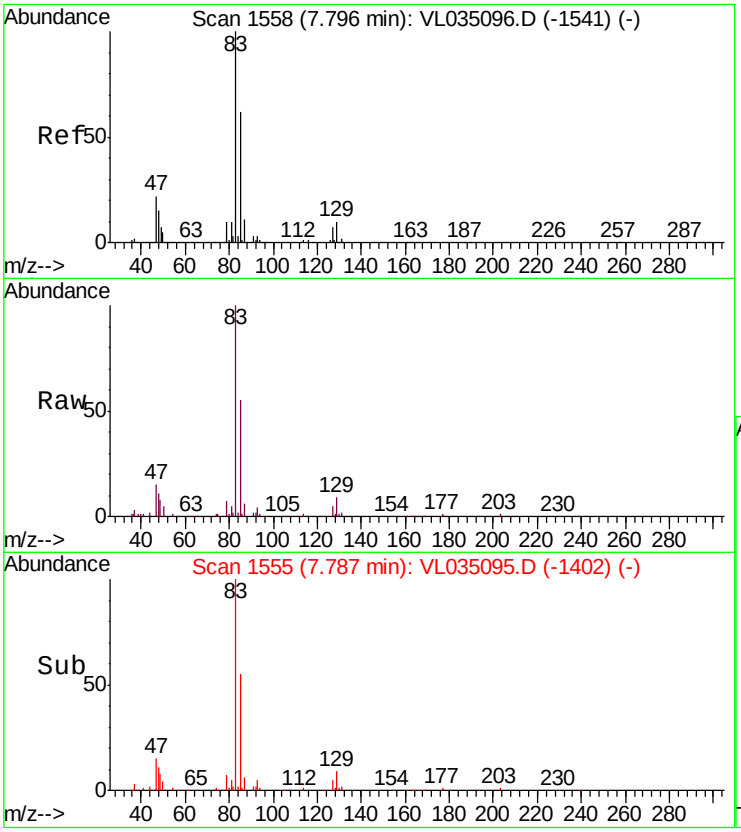


#41
Tetrahydrofuran
Concen: 0.205 ppbv
RT: 6.05 min Scan# 1015
Delta R.T. 0.02 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Tgt Ion: 42 Resp: 20180

Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.4	50.2#
71	74.1	31.8	47.6#



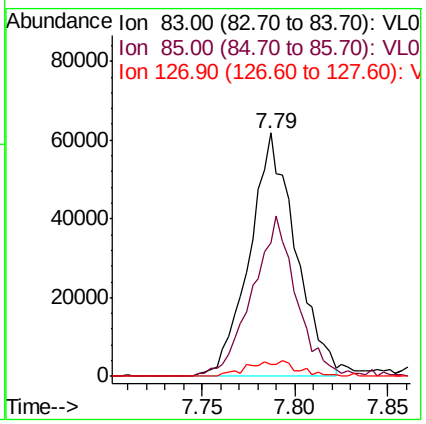


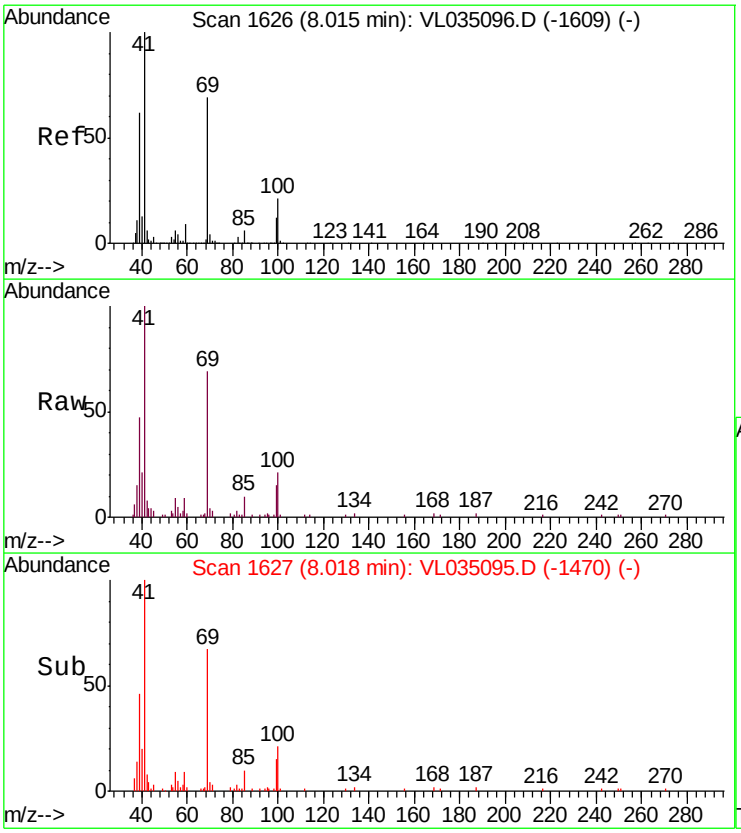
#42
Bromodichloromethane
Concen: 0.511 ppbv
RT: 7.79 min Scan# 1555
Delta R.T. -0.01 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC0.5

Tgt Ion: 83 Resp: 106715

Ion	Ratio	Lower	Upper
83	100		
85	55.2	49.4	74.0
127	4.9	5.9	8.9#

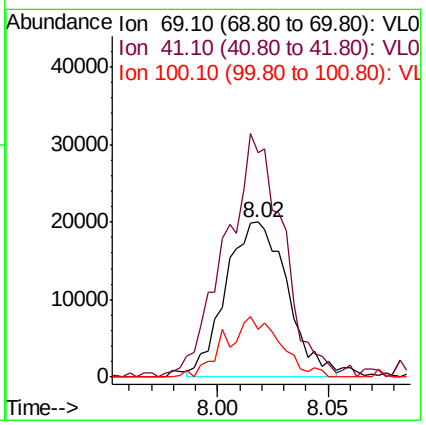


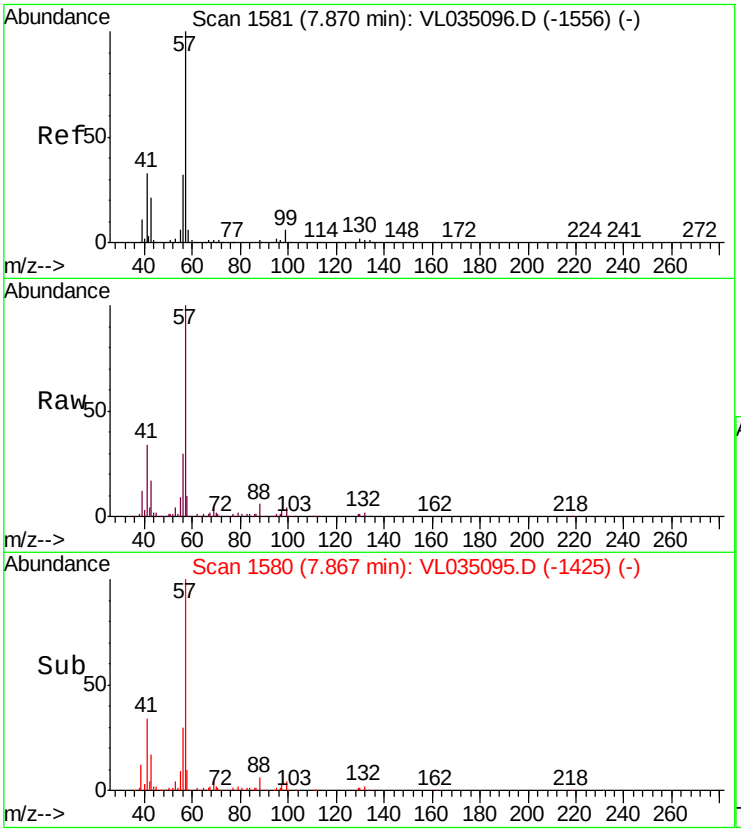


#43
Methyl Methacrylate
Concen: 0.365 ppbv
RT: 8.02 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Tgt Ion: 69 Resp: 38641

Ion	Ratio	Lower	Upper
69	100		
41	151.4	116.4	174.6
100	34.6	25.3	37.9



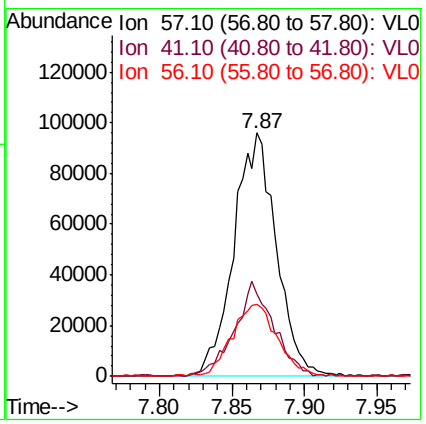


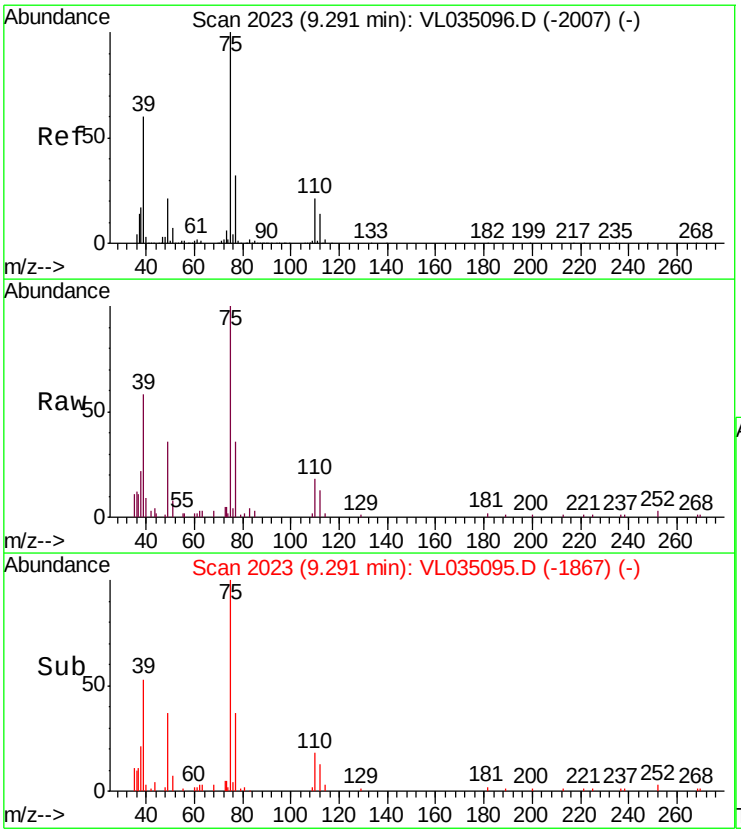
#44
2,2,4-Trimethylpentane
Concen: 0.437 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. -0.00 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC0.5

Tgt Ion: 57 Resp: 194566

Ion	Ratio	Lower	Upper
57	100		
41	36.2	26.2	39.2
56	32.1	25.4	38.2

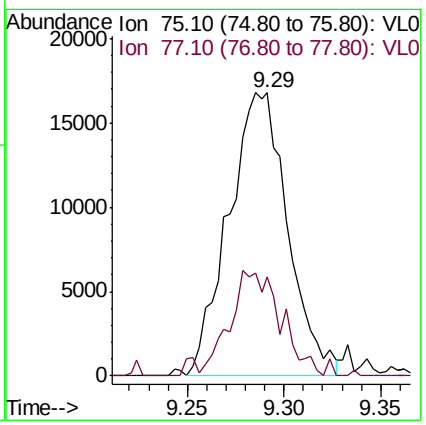


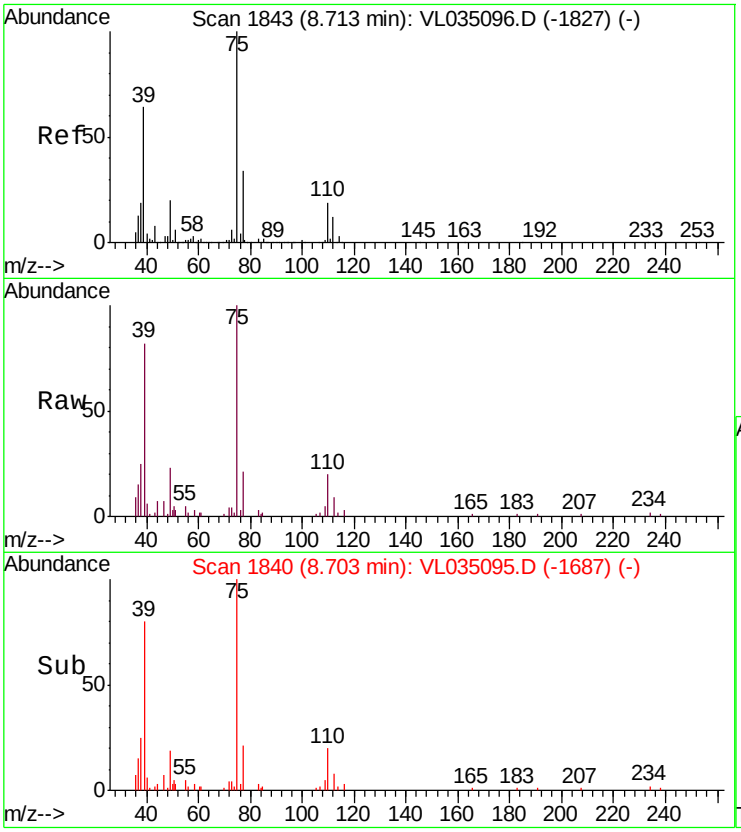


#45
t-1,3-Dichloropropene
Concen: 0.337 ppbv
RT: 9.29 min Scan# 2023
Delta R.T. 0.00 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Tgt Ion: 75 Resp: 35790

Ion	Ratio	Lower	Upper
75	100		
77	35.0	25.5	38.3



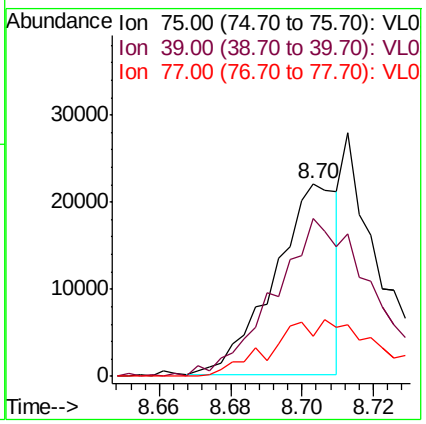


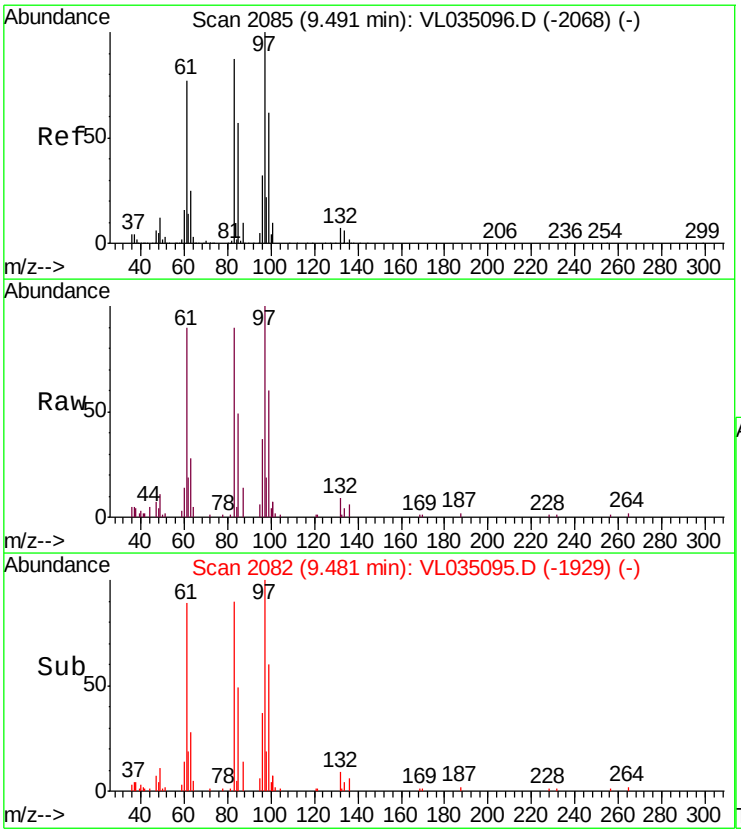
#46
cis-1,3-Dichloropropene
Concen: 0.205 ppbv
RT: 8.70 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC0.5

Tgt Ion: 75 Resp: 26739

Ion	Ratio	Lower	Upper
75	100		
39	82.8	51.1	76.7#
77	21.3	26.9	40.3#

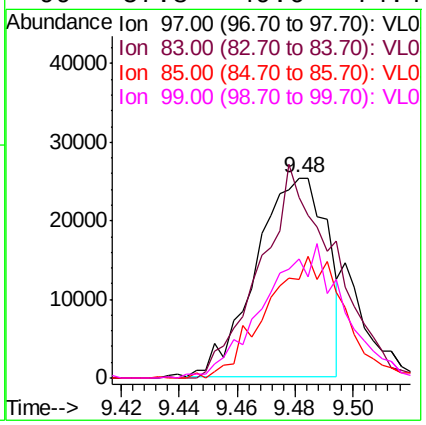


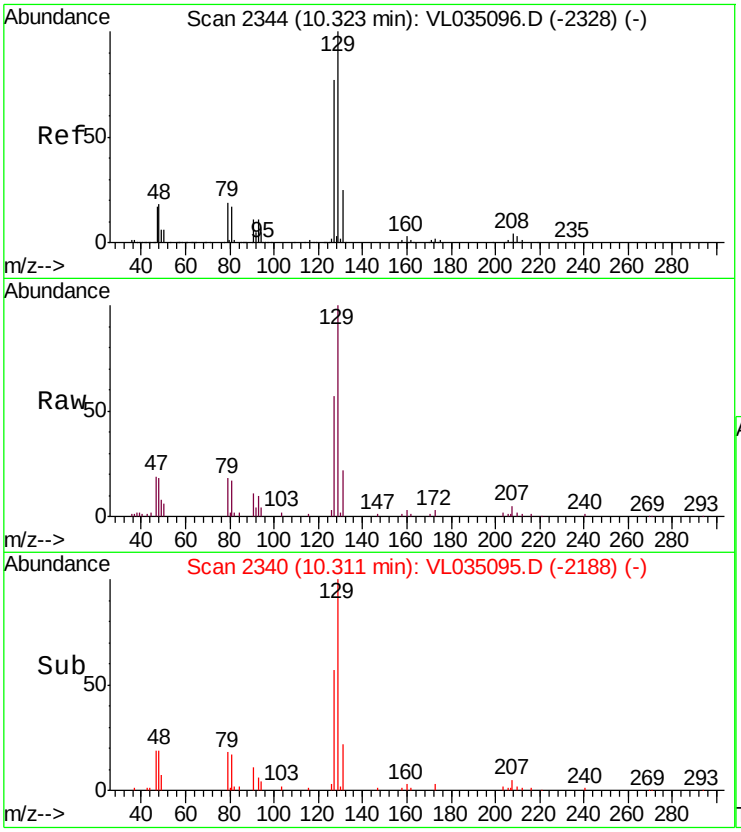


#47
1,1,2-Trichloroethane
Concen: 0.407 ppbv
RT: 9.48 min Scan# 2082
Delta R.T. -0.01 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Tgt Ion: 97 Resp: 43263

Ion	Ratio	Lower	Upper
97	100		
83	91.0	69.5	104.3
85	49.5	46.0	69.0
99	57.8	49.6	74.4



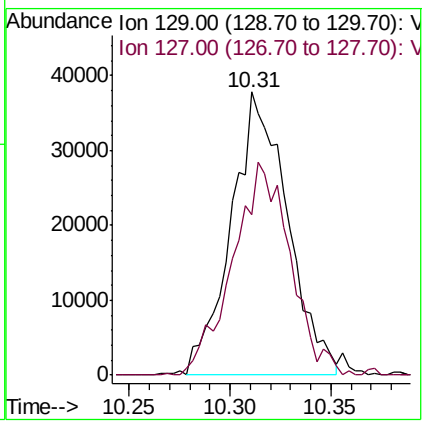


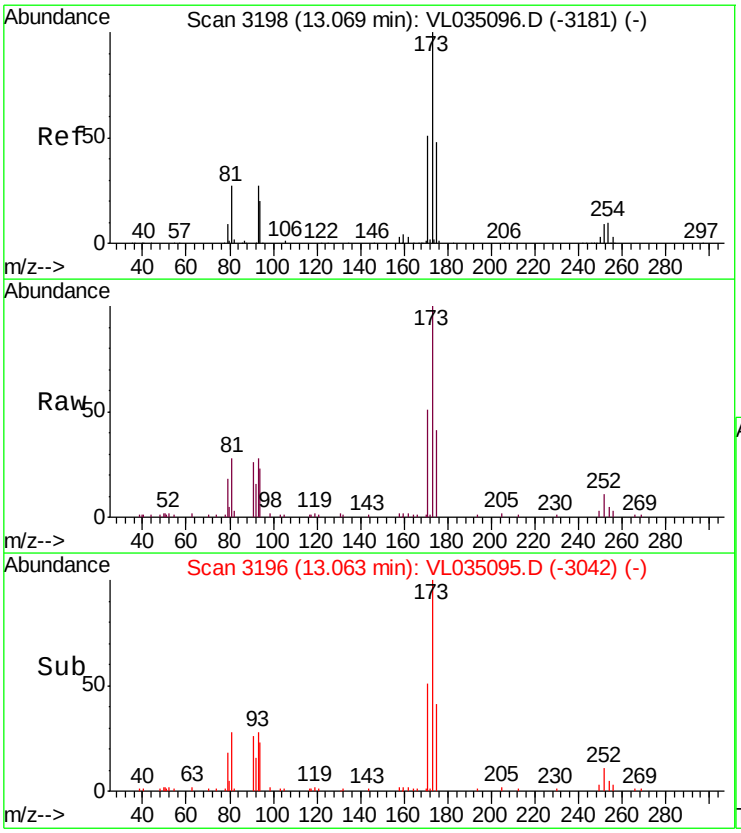
#48
Dibromochloromethane
Concen: 0.452 ppbv
RT: 10.31 min Scan# 2340
Delta R.T. -0.01 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC0.5

Tgt Ion:129 Resp: 73722

Ion	Ratio	Lower	Upper
129	100		
127	76.5	39.3	117.8

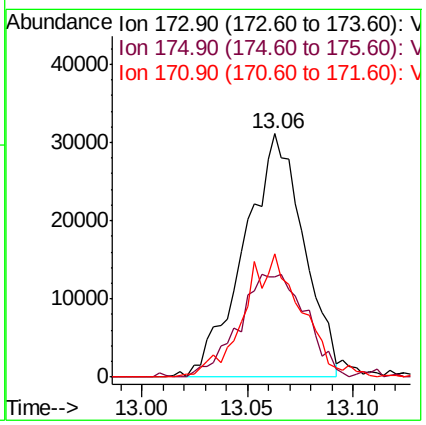


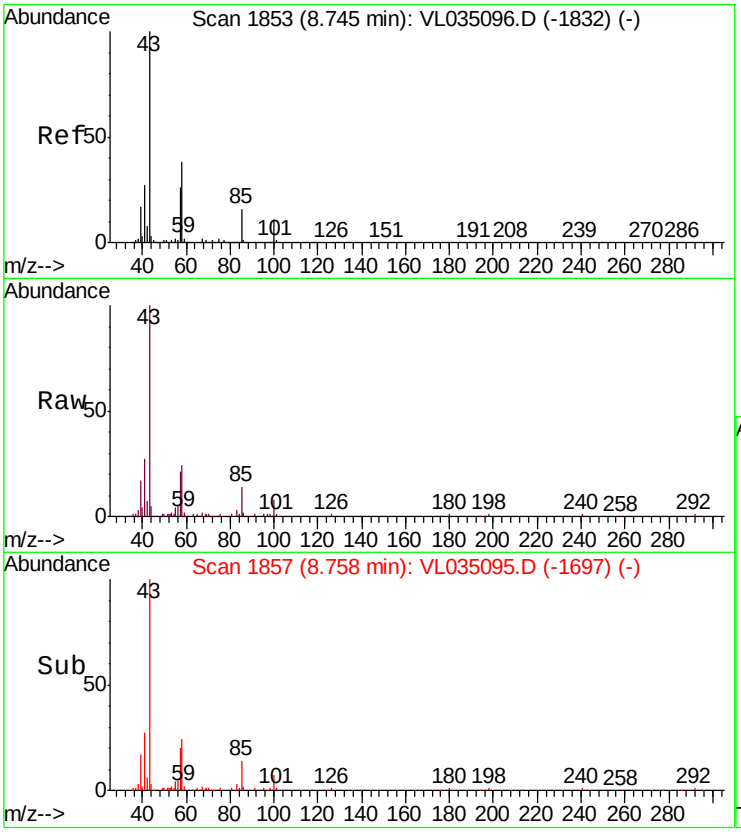


#49
Bromoform
Concen: 0.436 ppbv
RT: 13.06 min Scan# 3196
Delta R.T. -0.01 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Tgt Ion:173 Resp: 61026

Ion	Ratio	Lower	Upper
173	100		
175	49.0	39.1	58.7
171	49.5	41.7	62.5



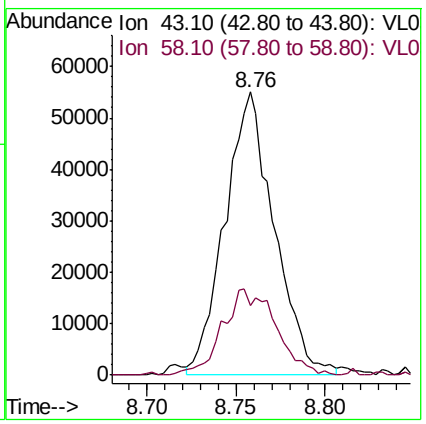


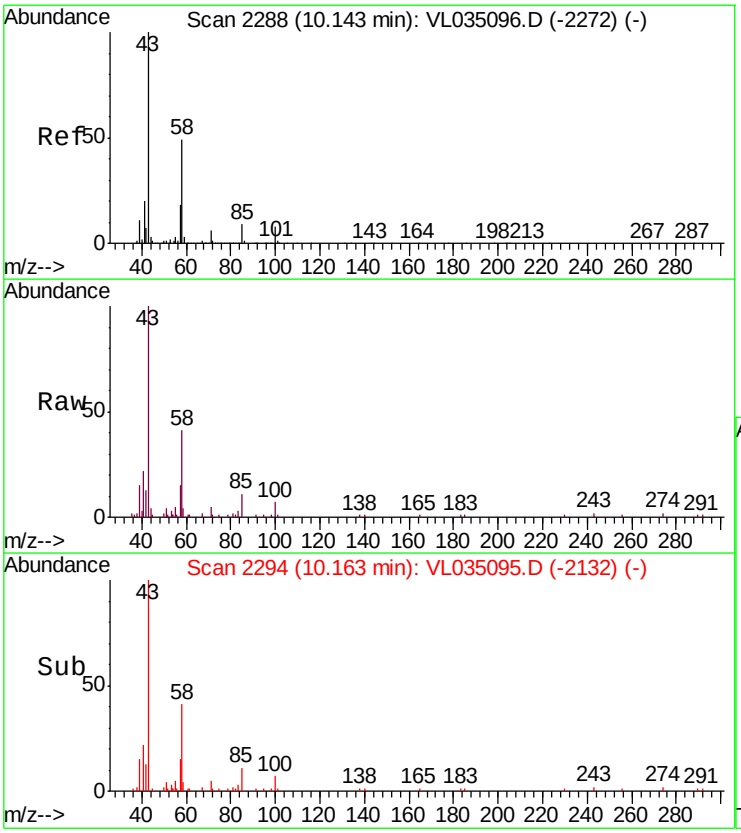
#50
4-Methyl-2-Pentanone
Concen: 0.397 ppbv
RT: 8.76 min Scan# 1857
Delta R.T. 0.01 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Instrument : MSVOA_L
ClientSampleId : VSTDICCC0.5

Tgt Ion: 43 Resp: 106383

Ion	Ratio	Lower	Upper
43	100		
58	33.0	29.4	44.0

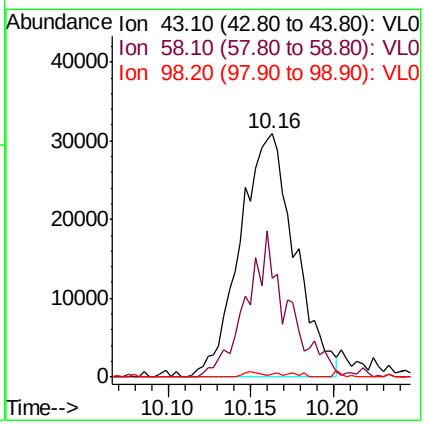


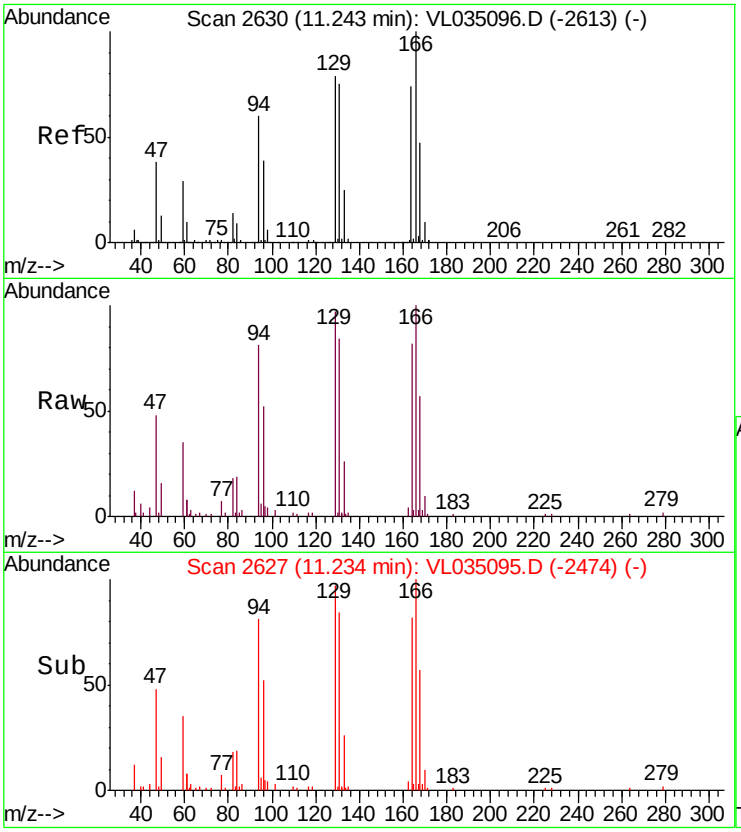


#51
2-Hexanone
Concen: 0.341 ppbv
RT: 10.16 min Scan# 2294
Delta R.T. 0.02 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Tgt Ion: 43 Resp: 71314

Ion	Ratio	Lower	Upper
43	100		
58	46.2	39.2	58.8
98	1.4	0.3	0.5#



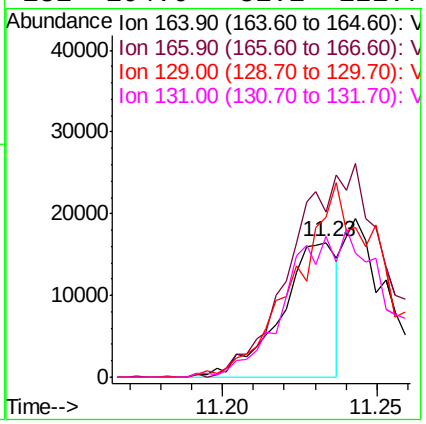


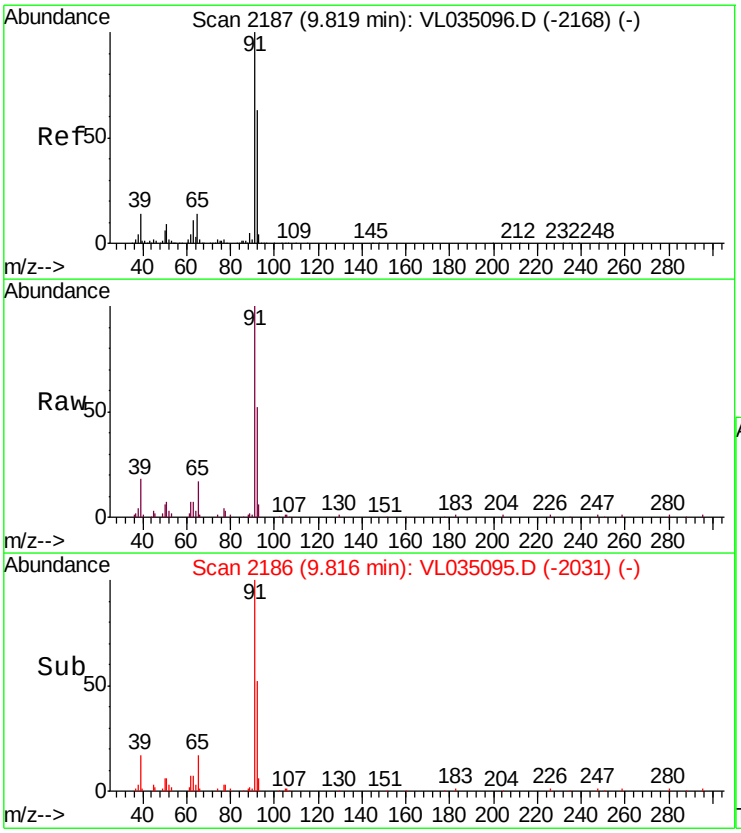
#52
Tetrachloroethene
Concen: 0.232 ppbv
RT: 11.23 min Scan# 2627
Delta R.T. -0.01 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Instrument : MSVOA_L
ClientSampleId : VSTDICCC0.5

Tgt Ion:164 Resp: 20709

Ion	Ratio	Lower	Upper
164	100		
166	122.6	107.5	161.3
129	118.7	84.9	127.3
131	104.6	81.1	121.7

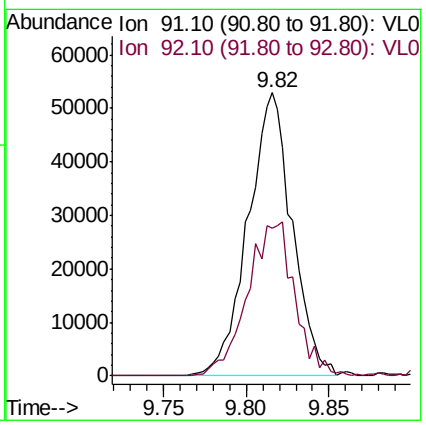


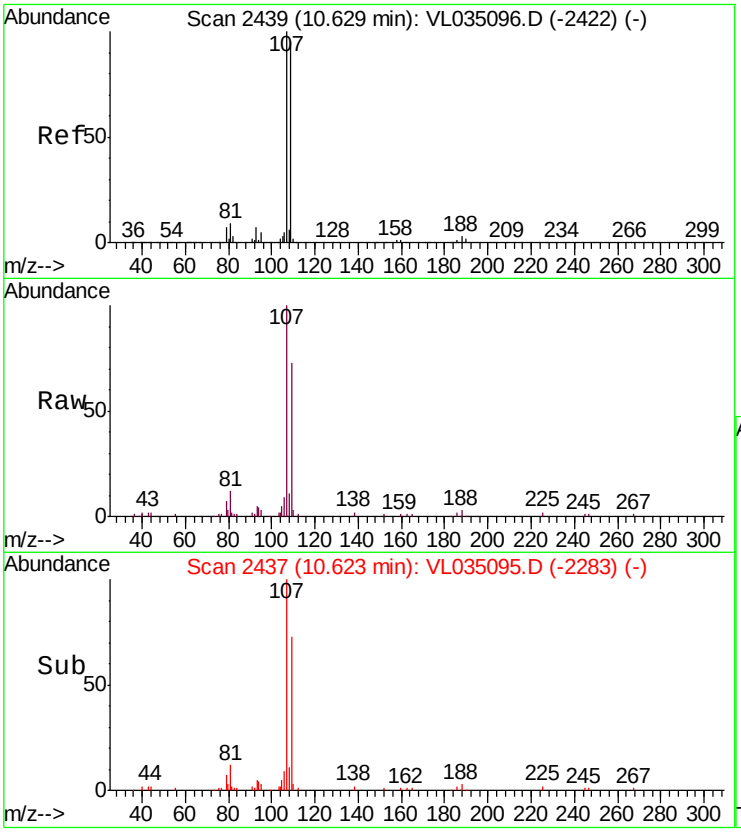


#53
Toluene
Concen: 0.369 ppbv
RT: 9.82 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Tgt Ion: 91 Resp: 98017

Ion	Ratio	Lower	Upper
91	100		
92	58.1	49.0	73.6



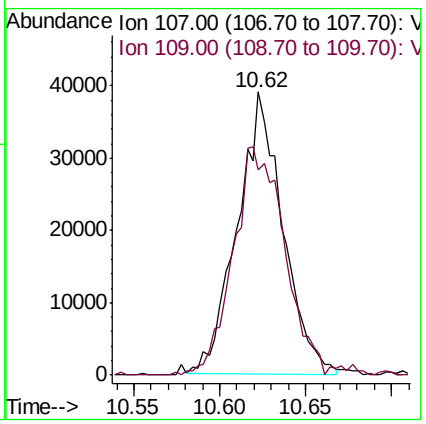


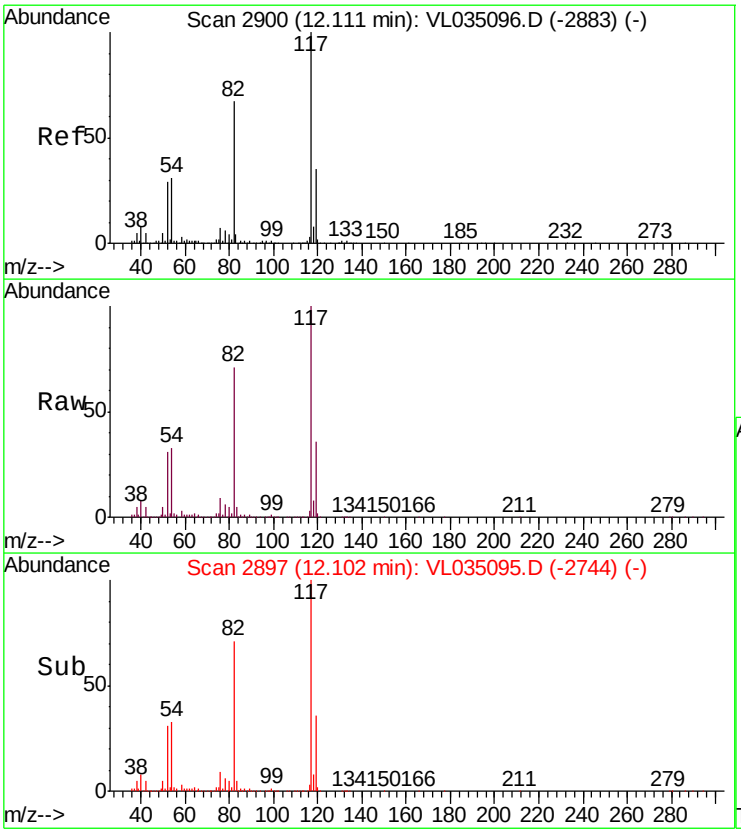
#54
1,2-Dibromoethane
Concen: 0.461 ppbv
RT: 10.62 min Scan# 2437
Delta R.T. -0.01 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Instrument : MSVOA_L
ClientSampleId : VSTDICCC0.5

Tgt Ion:107 Resp: 71843

Ion	Ratio	Lower	Upper
107	100		
109	71.4	75.9	113.9#

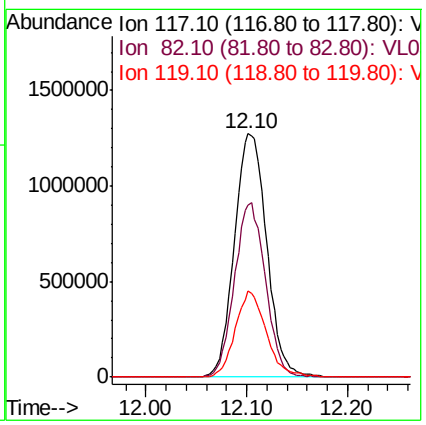


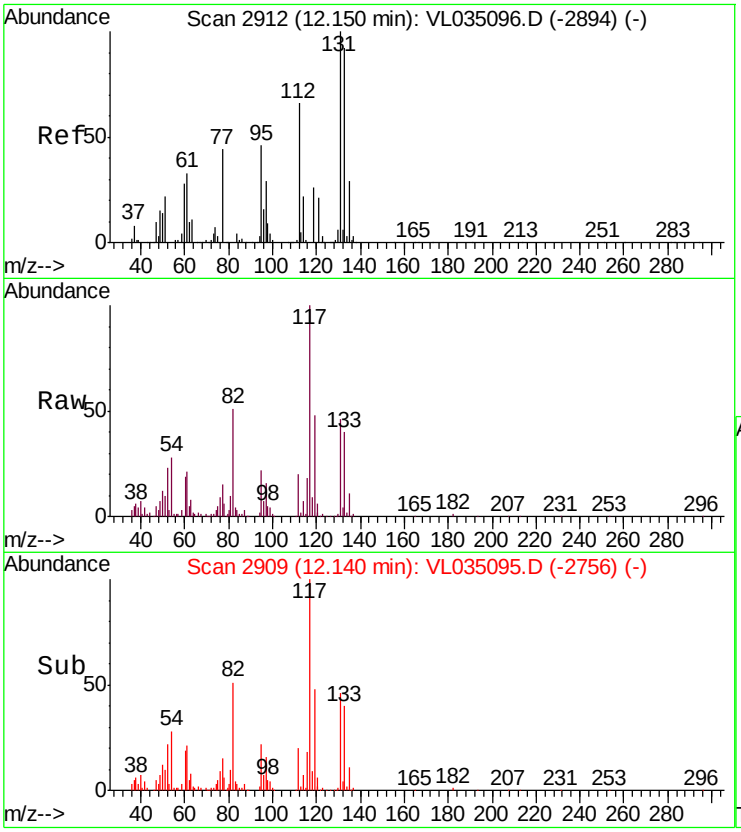


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. -0.01 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Tgt Ion:117 Resp: 2830937

Ion	Ratio	Lower	Upper
117	100		
82	68.8	50.4	75.6
119	34.1	25.4	38.0



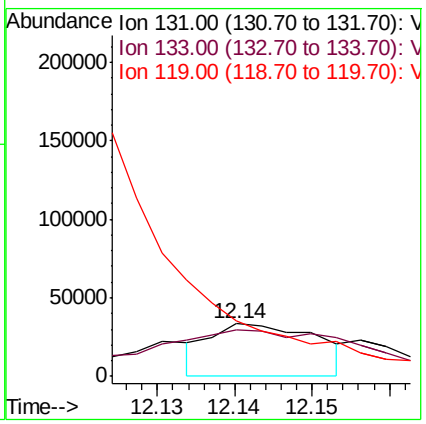


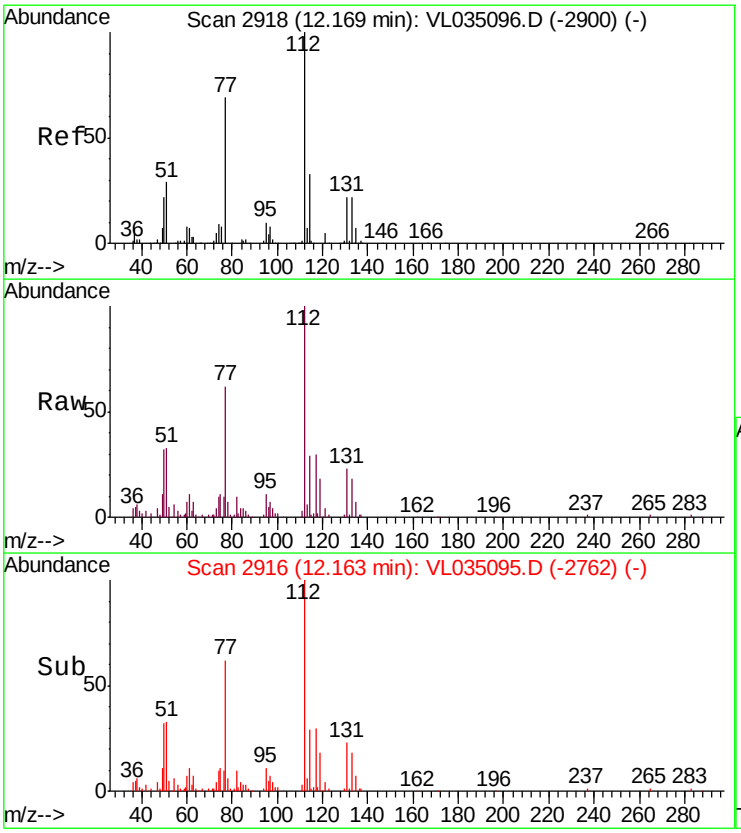
#56
1,1,1,2-Tetrachloroethane
Concen: 0.253 ppbv
RT: 12.14 min Scan# 2909
Delta R.T. -0.01 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Instrument : MSVOA_L
ClientSampleId : VSTDICCC0.5

Tgt Ion:131 Resp: 31941

Ion	Ratio	Lower	Upper
131	100		
133	199.6	76.2	114.4#
119	0.0	114.6	172.0#

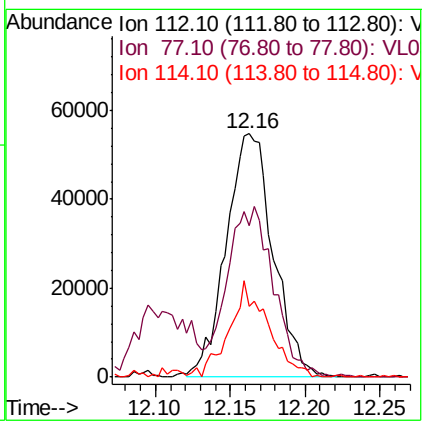


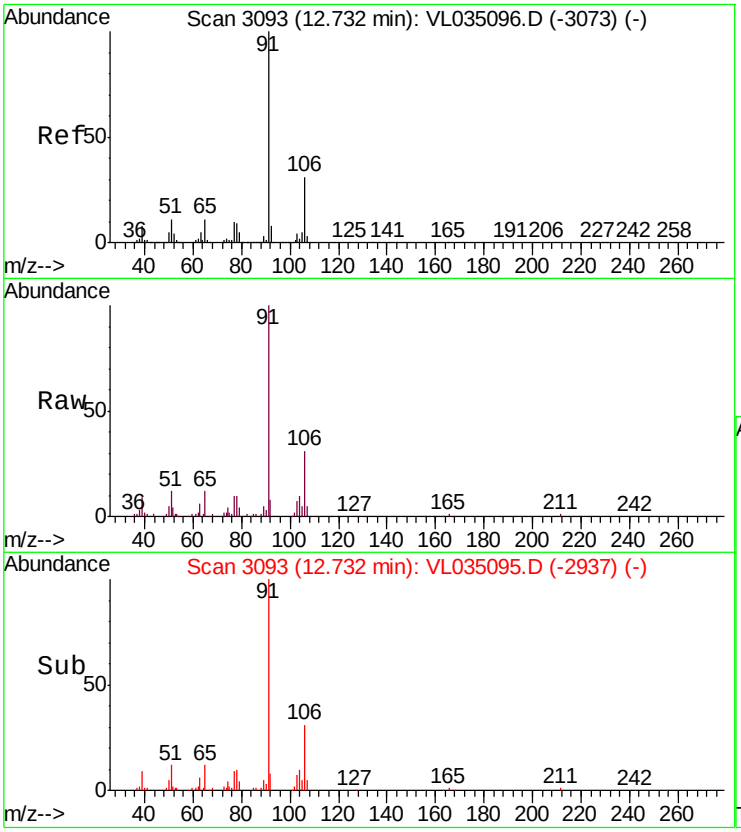


#57
Chlorobenzene
Concen: 0.540 ppbv
RT: 12.16 min Scan# 2916
Delta R.T. -0.01 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Tgt Ion:112 Resp: 120052

Ion	Ratio	Lower	Upper
112	100		
77	61.7	56.7	85.1
114	29.6	29.3	35.9



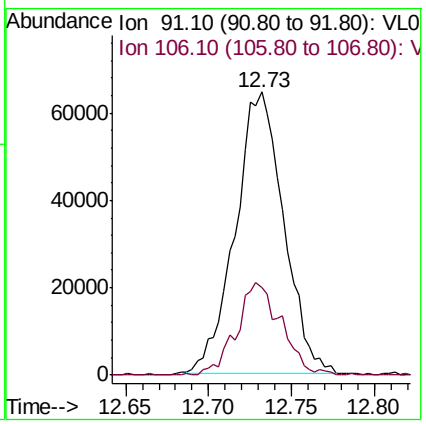


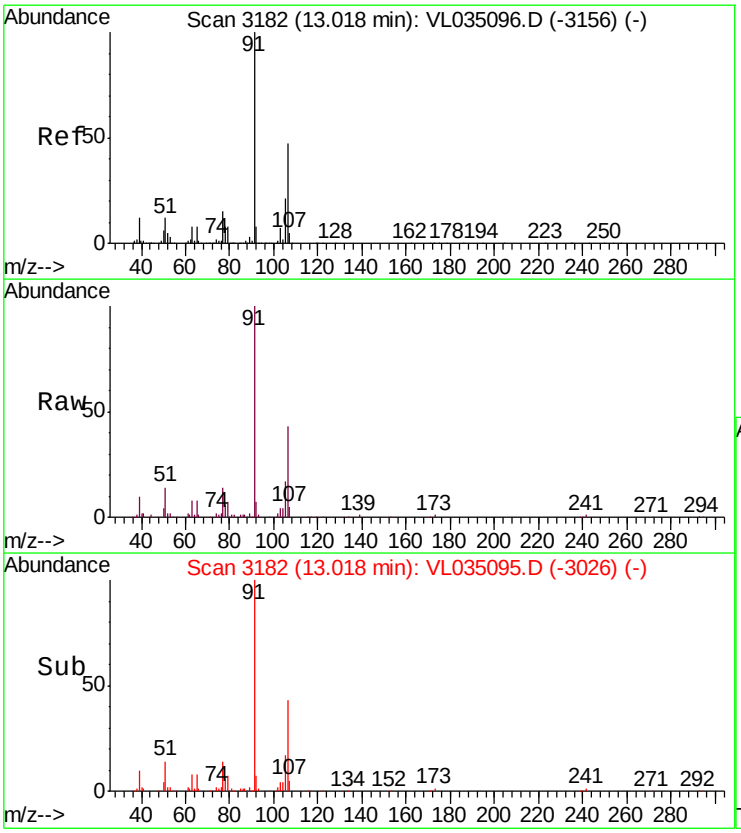
#58
Ethyl Benzene
Concen: 0.381 ppbv
RT: 12.73 min Scan# 3093
Delta R.T. 0.00 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC0.5

Tgt Ion: 91 Resp: 131147

Ion	Ratio	Lower	Upper
91	100		
106	30.9	25.0	37.6

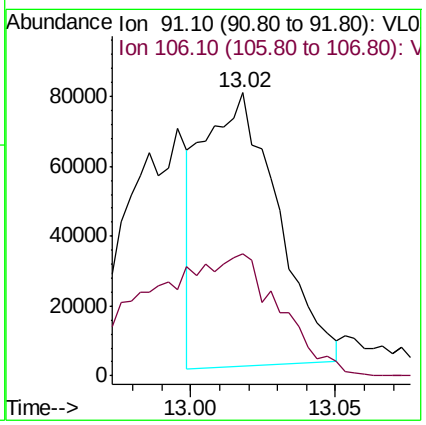


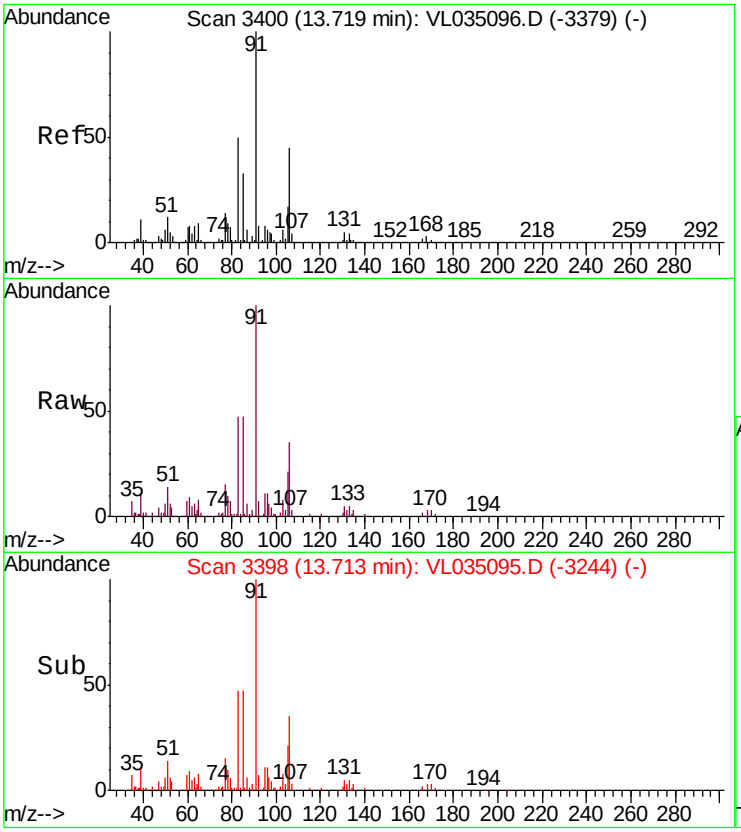


#59
m/p-Xylene
Concen: 0.465 ppbv
RT: 13.02 min Scan# 3182
Delta R.T. 0.00 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Tgt Ion: 91 Resp: 141288

Ion	Ratio	Lower	Upper
91	100		
106	82.2	36.5	54.7#



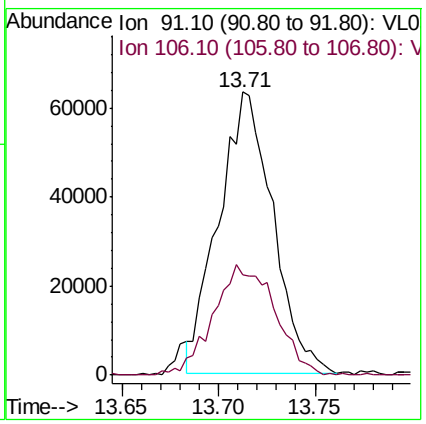


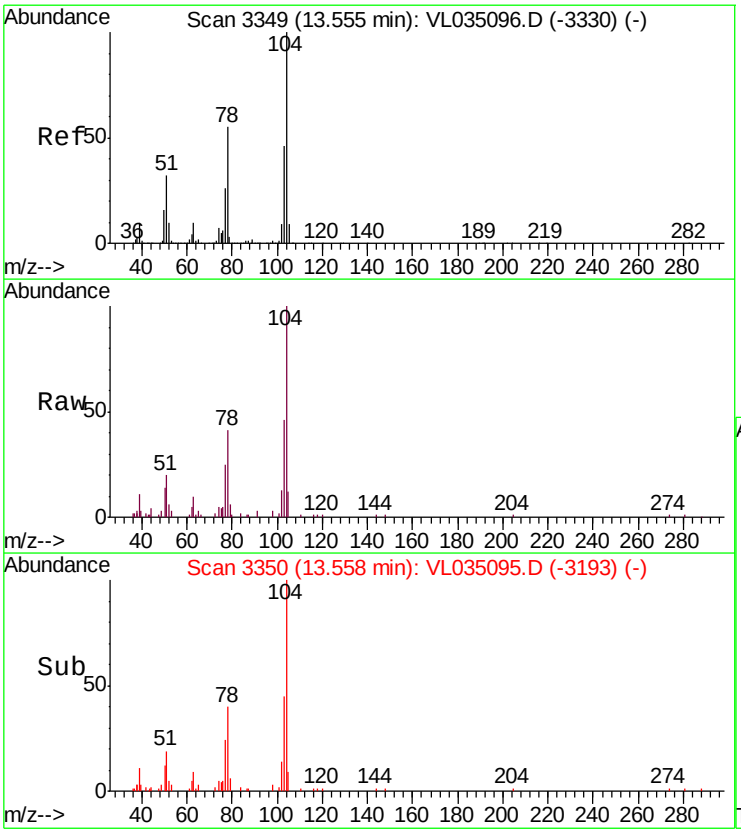
#60
o-Xylene
Concen: 0.411 ppbv
RT: 13.71 min Scan# 3398
Delta R.T. -0.01 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Instrument : MSVOA_L
ClientSampleId : VSTDICCC0.5

Tgt Ion: 91 Resp: 123328

Ion	Ratio	Lower	Upper
91	100		
106	44.6	22.1	66.5

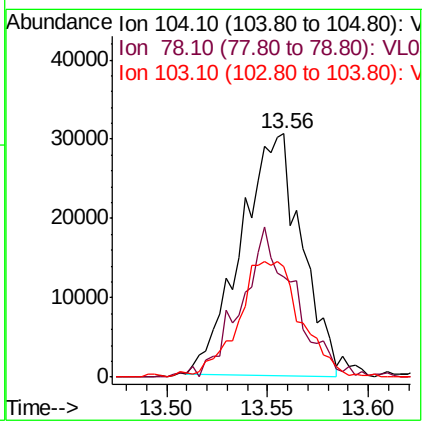


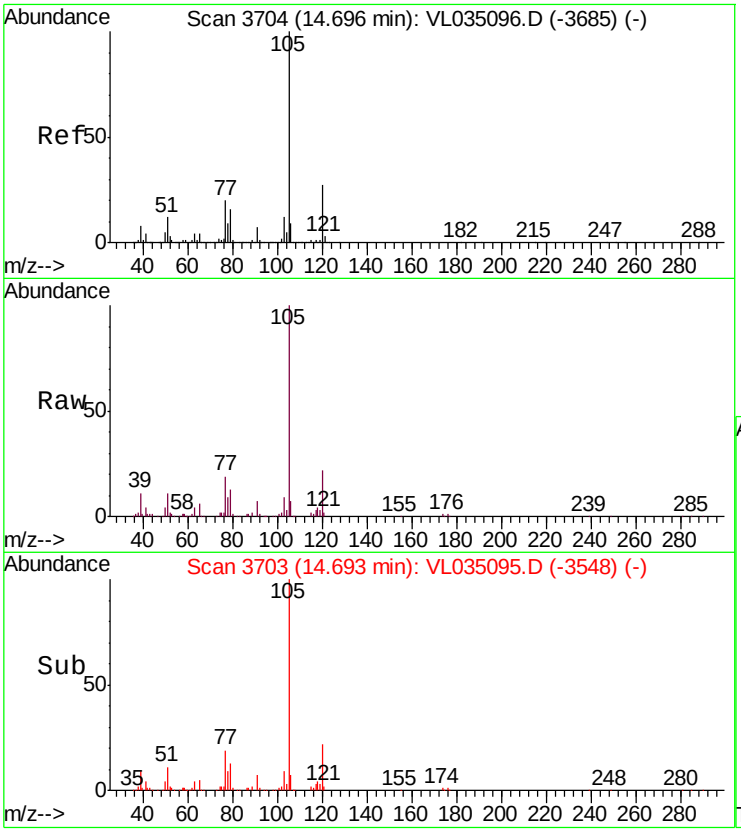


#61
Styrene
Concen: 0.338 ppbv
RT: 13.56 min Scan# 3350
Delta R.T. 0.00 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Tgt Ion:104 Resp: 63927

Ion	Ratio	Lower	Upper
104	100		
78	55.3	43.4	65.0
103	50.2	38.3	57.5



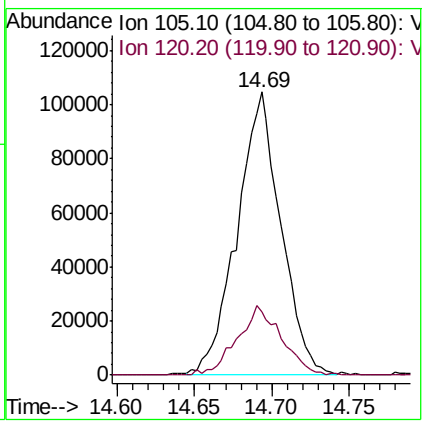


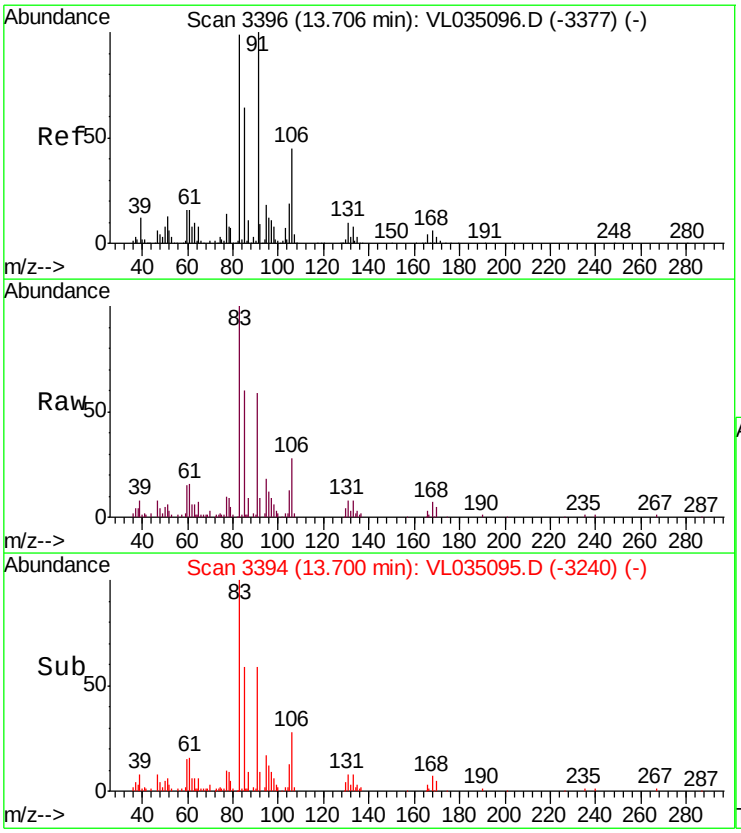
#62
Isopropylbenzene
Concen: 0.458 ppbv
RT: 14.69 min Scan# 3703
Delta R.T. -0.00 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Instrument : MSVOA_L
ClientSampleId : VSTDICCC0.5

Tgt Ion:105 Resp: 204670

Ion	Ratio	Lower	Upper
105	100		
120	24.9	20.8	31.2

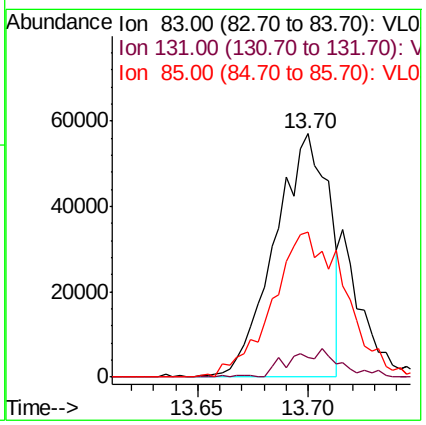


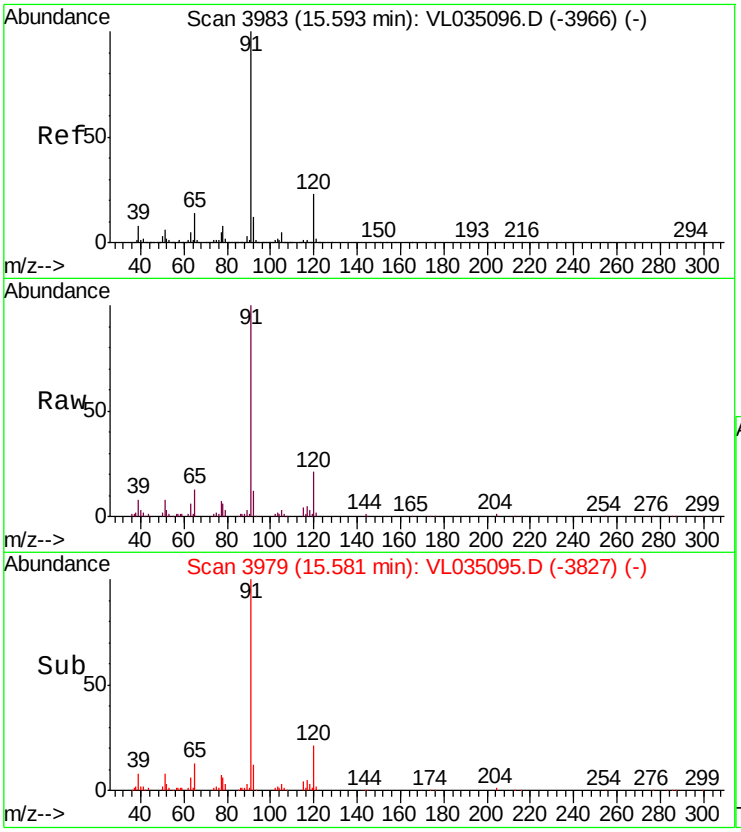


#63
1,1,2,2-Tetrachloroethane
Concen: 0.410 ppbv
RT: 13.70 min Scan# 3394
Delta R.T. -0.01 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Tgt Ion: 83 Resp: 97367

Ion	Ratio	Lower	Upper
83	100		
131	11.0	4.7	14.0
85	81.7	32.4	97.0



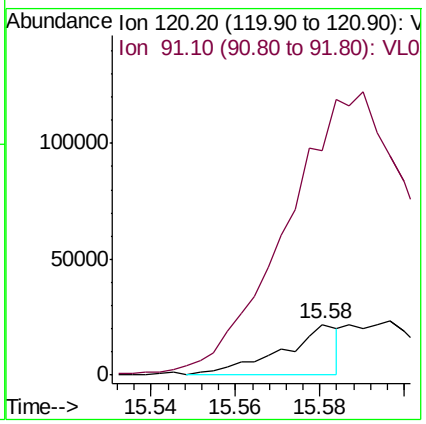


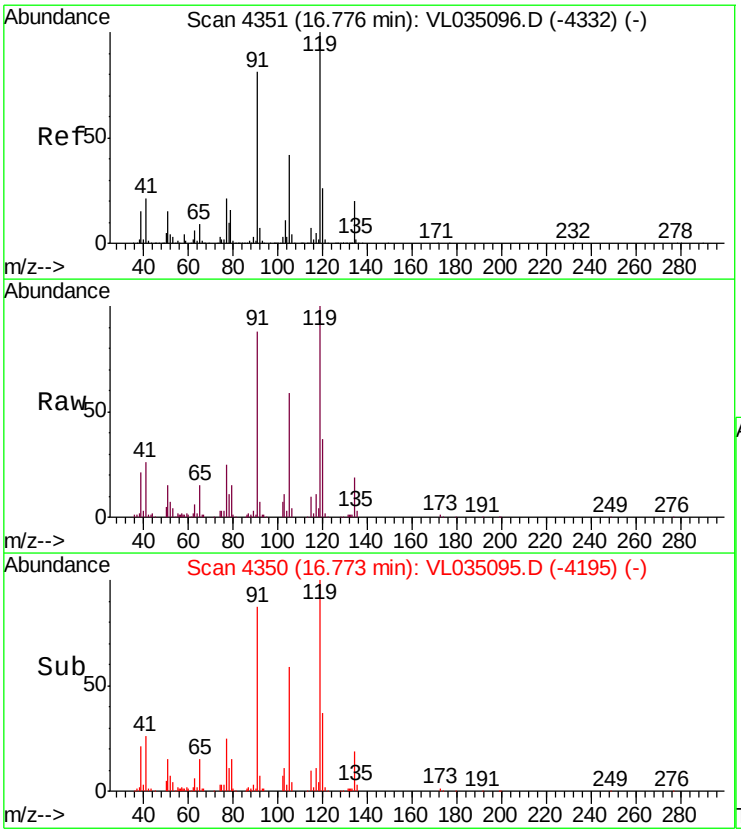
#64
n-propylbenzene
Concen: 0.179 ppbv
RT: 15.58 min Scan# 3979
Delta R.T. -0.01 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC0.5

Tgt Ion:120 Resp: 20600

Ion	Ratio	Lower	Upper
120	100		
91	0.0	367.9	551.9#

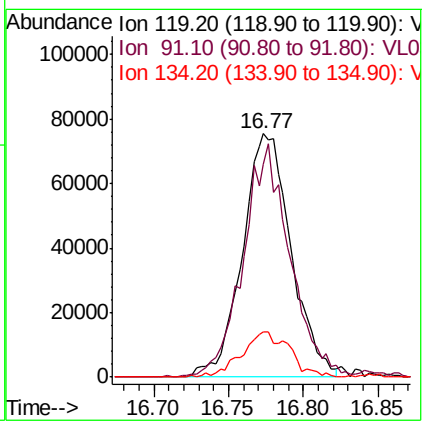


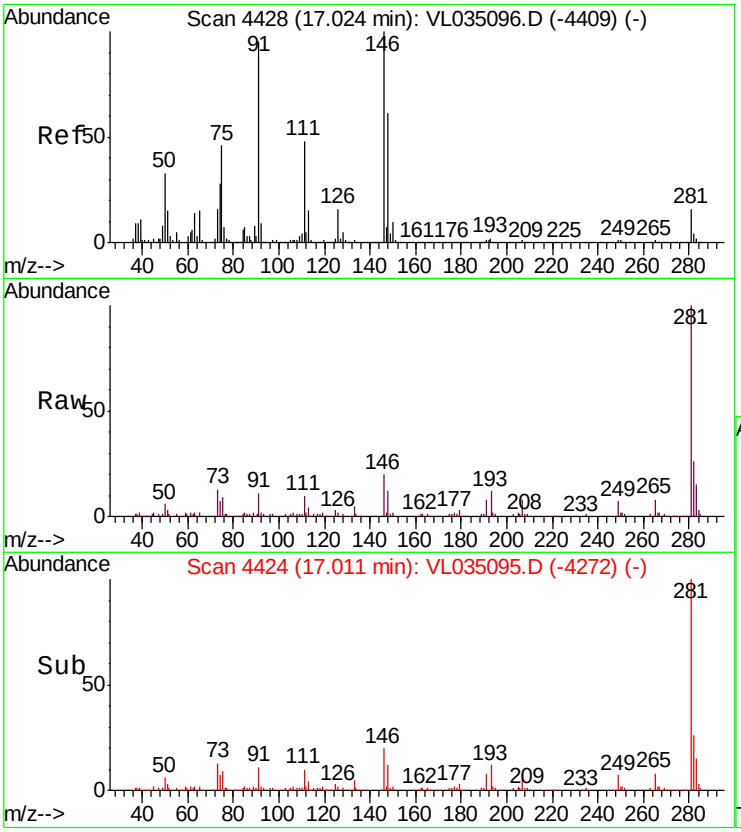


#65
tert-Butylbenzene
Concen: 0.435 ppbv
RT: 16.77 min Scan# 4350
Delta R.T. -0.00 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Tgt Ion:119 Resp: 169053

Ion	Ratio	Lower	Upper
119	100		
91	94.5	67.6	101.4
134	18.7	15.7	23.5



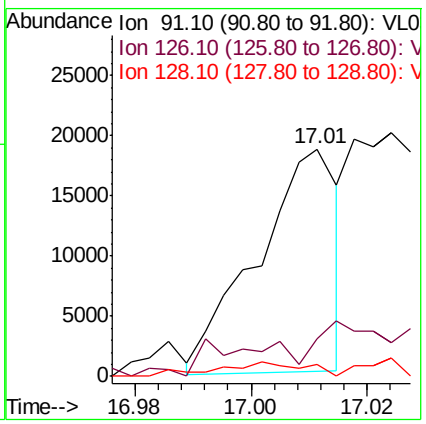


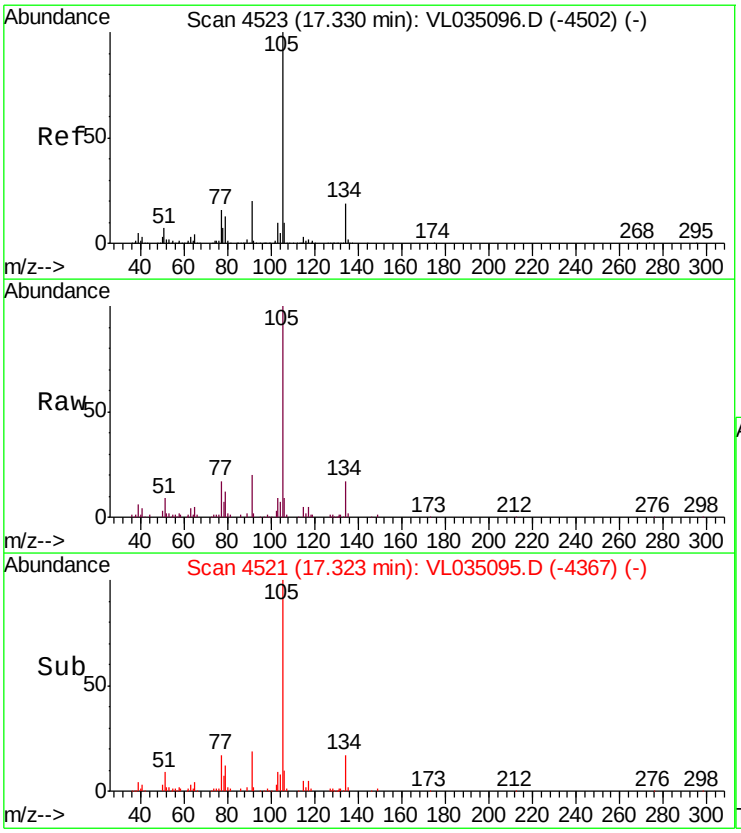
#66
Benzyl Chloride
Concen: 0.138 ppbv
RT: 17.01 min Scan# 4424
Delta R.T. -0.01 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Instrument : MSVOA_L
ClientSampleId : VSTDICCC0.5

Tgt Ion: 91 Resp: 17786

Ion	Ratio	Lower	Upper
91	100		
126	57.8	13.5	20.3#
128	0.0	4.3	6.5#

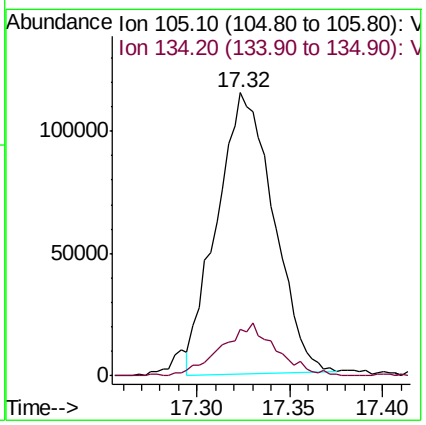


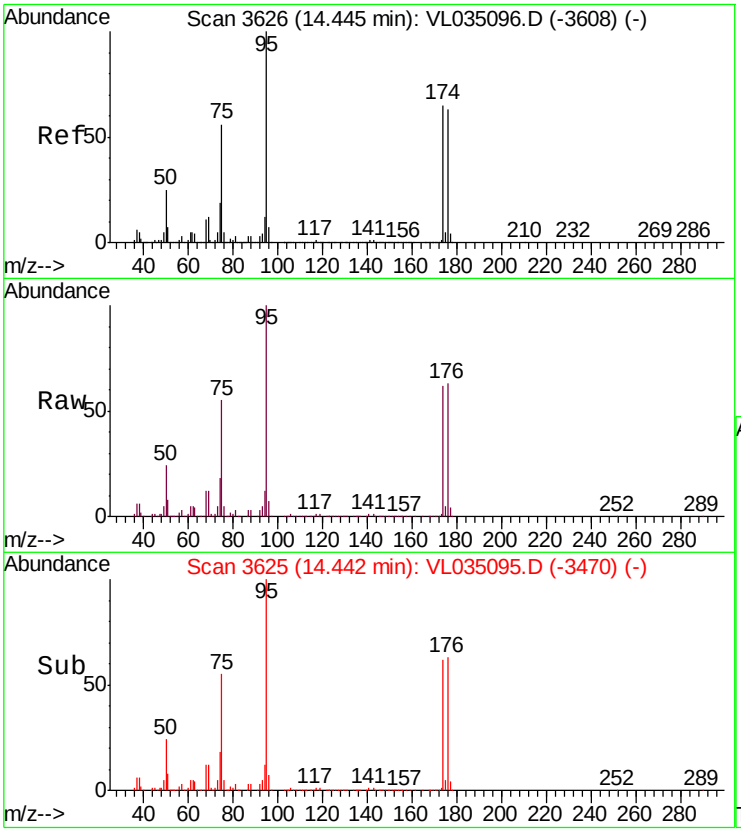


#67
sec-Butylbenzene
Concen: 0.440 ppbv
RT: 17.32 min Scan# 4521
Delta R.T. -0.01 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Tgt Ion:105 Resp: 243697

Ion	Ratio	Lower	Upper
105	100		
134	18.1	14.7	22.1



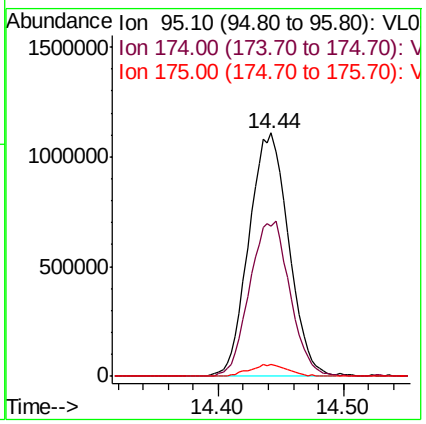


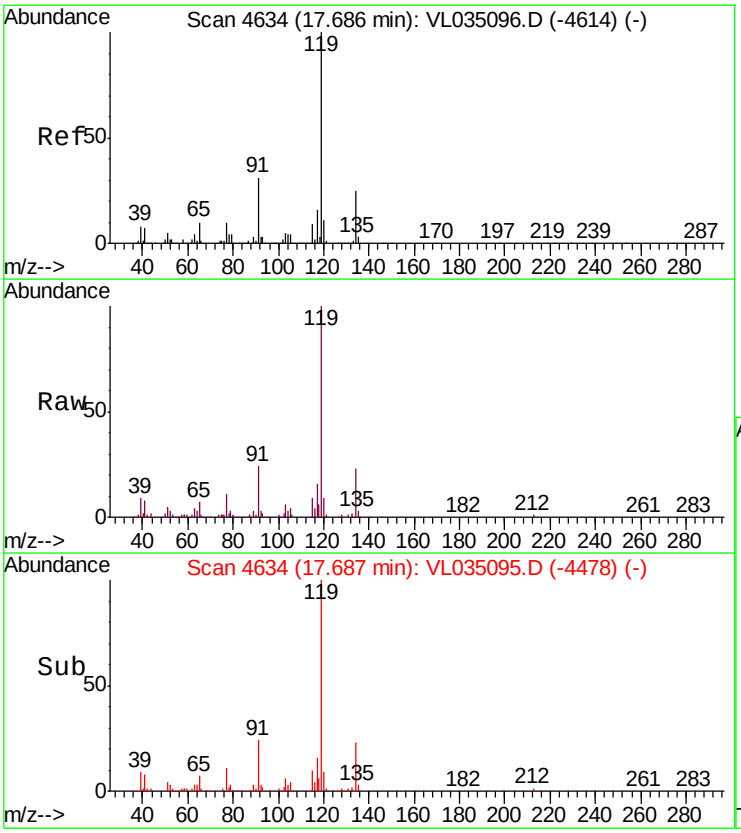
#68
1-Bromo-4-Fluorobenzene
Concen: 10.709 ppbv
RT: 14.44 min Scan# 3625
Delta R.T. -0.00 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Instrument : MSVOA_L
ClientSampleId : VSTDICCC0.5

Tgt Ion: 95 Resp: 2444171

Ion	Ratio	Lower	Upper
95	100		
174	65.0	52.2	78.2
175	4.7	4.0	6.0

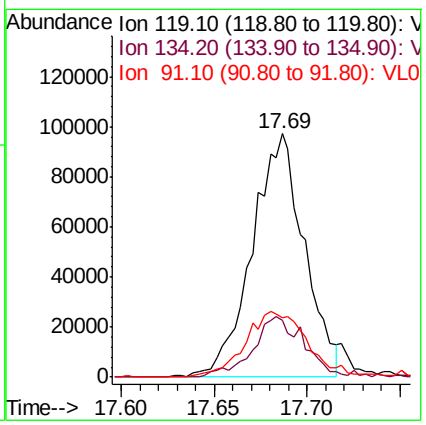


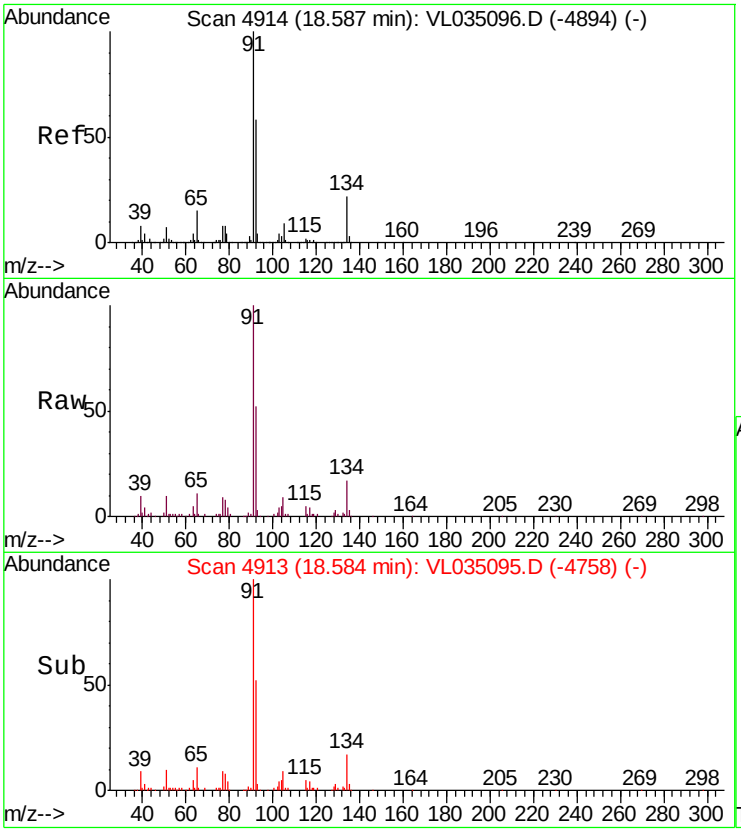


#69
p-Isopropyltoluene
Concen: 0.423 ppbv
RT: 17.69 min Scan# 4634
Delta R.T. 0.00 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Tgt Ion:119 Resp: 189582

Ion	Ratio	Lower	Upper
119	100		
134	25.1	20.4	30.6
91	32.4	24.5	36.7



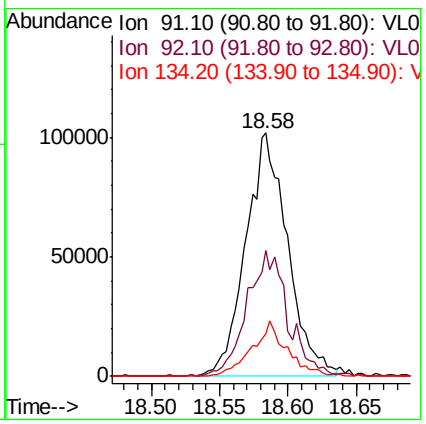


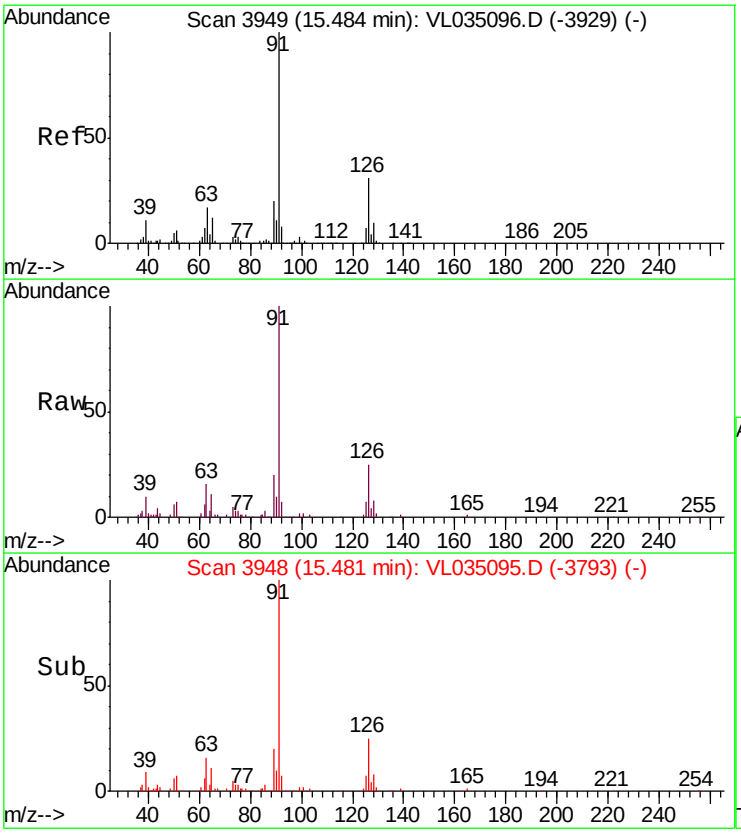
#70
n-Butylbenzene
Concen: 0.455 ppbv
RT: 18.58 min Scan# 4913
Delta R.T. -0.00 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Instrument : MSVOA_L
ClientSampleId : VSTDICCC0.5

Tgt Ion: 91 Resp: 216868

Ion	Ratio	Lower	Upper
91	100		
92	51.2	44.4	66.6
134	19.2	18.0	27.0

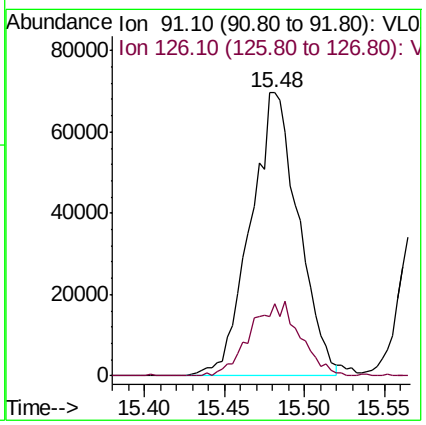


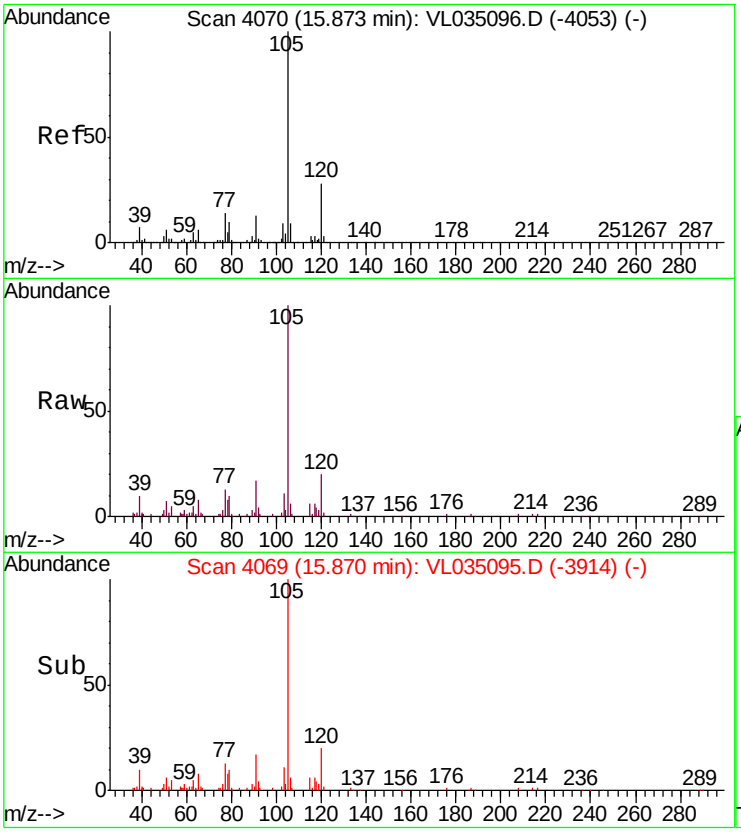


#71
2-Chlorotoluene
Concen: 0.427 ppbv
RT: 15.48 min Scan# 3948
Delta R.T. -0.00 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Tgt Ion: 91 Resp: 144266

Ion	Ratio	Lower	Upper
91	100		
126	27.2	12.0	48.0



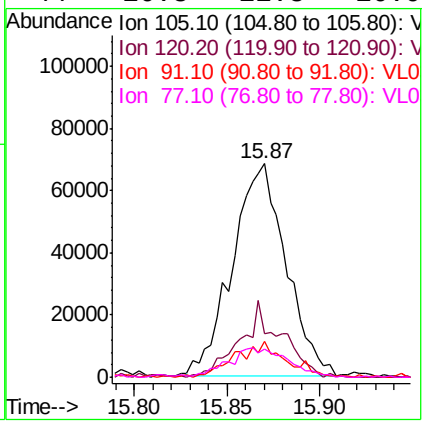


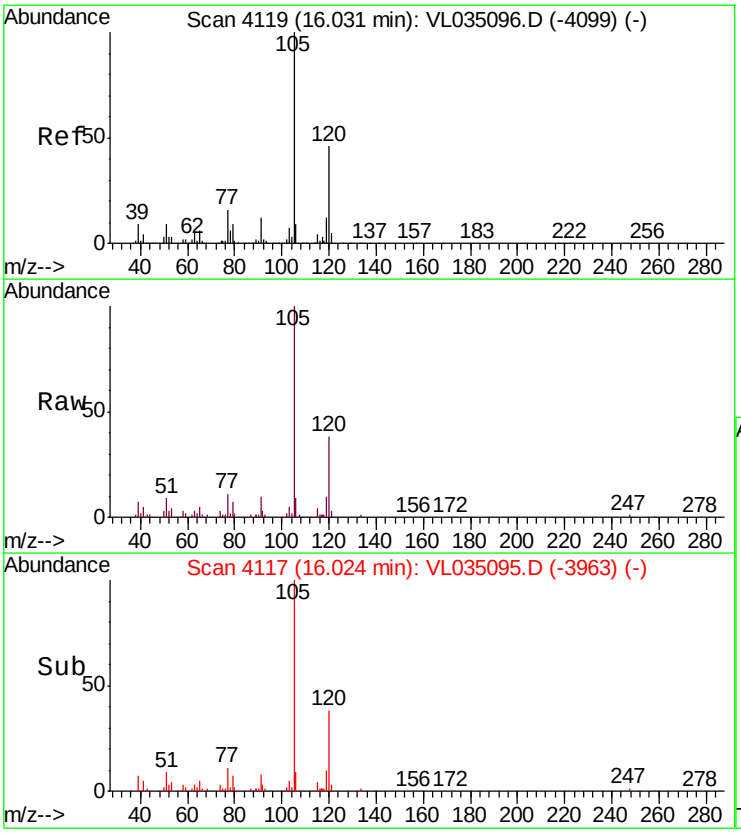
#72
4-Ethyltoluene
Concen: 0.409 ppbv
RT: 15.87 min Scan# 4069
Delta R.T. -0.00 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC0.5

Tgt Ion:105 Resp: 137199

Ion	Ratio	Lower	Upper
105	100		
120	27.7	23.4	35.0
91	16.6	10.6	16.0#
77	16.3	11.3	16.9

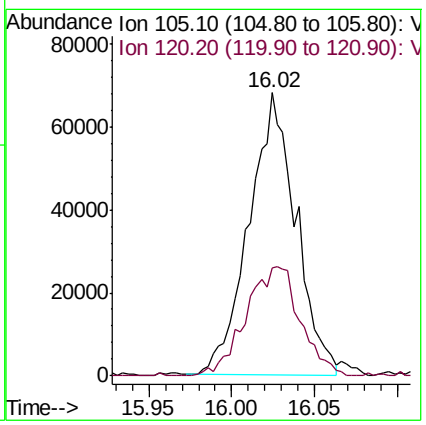


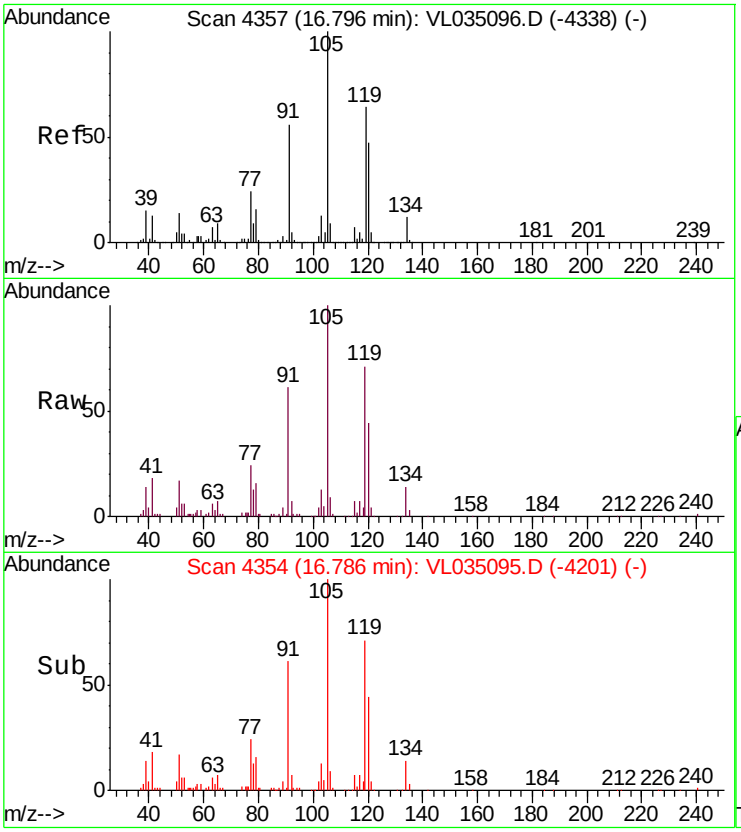


#73
1,3,5-Trimethylbenzene
Concen: 0.412 ppbv
RT: 16.02 min Scan# 4117
Delta R.T. -0.01 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Tgt Ion:105 Resp: 133901

Ion	Ratio	Lower	Upper
105	100		
120	38.1	37.0	55.6



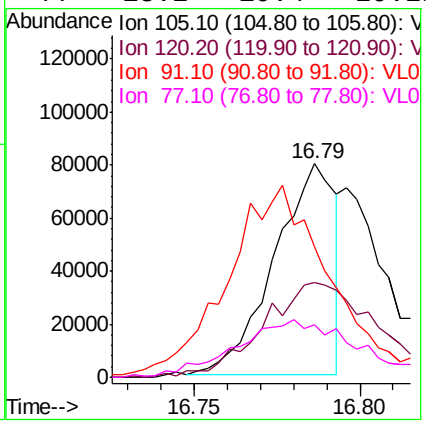


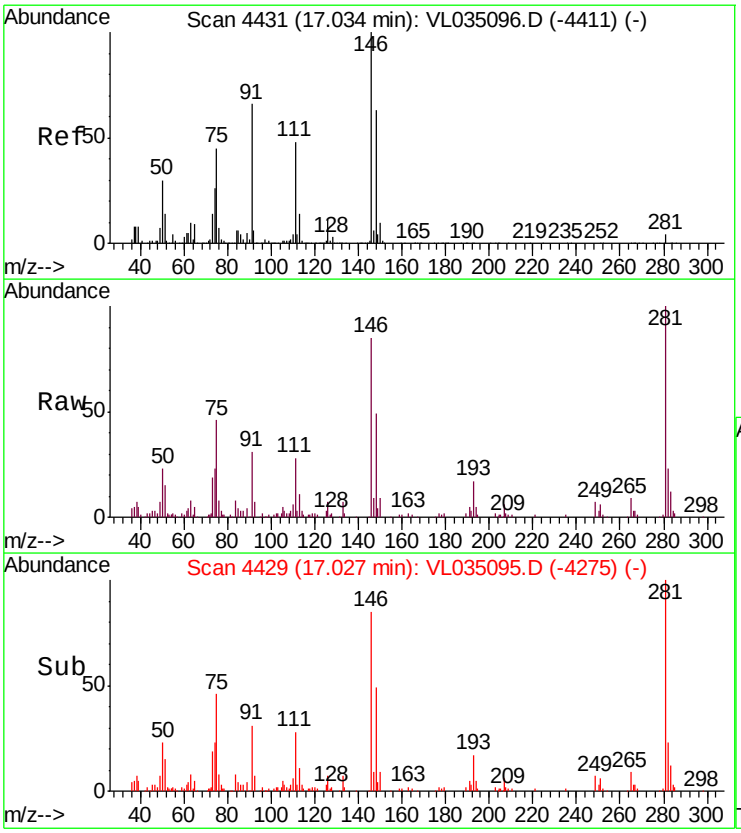
#74
1,2,4-Trimethylbenzene
Concen: 0.287 ppbv
RT: 16.79 min Scan# 4354
Delta R.T. -0.01 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC0.5

Tgt Ion:105 Resp: 101870

Ion	Ratio	Lower	Upper
105	100		
120	41.4	37.9	56.9
91	45.5	46.0	69.0#
77	18.2	19.4	29.2#

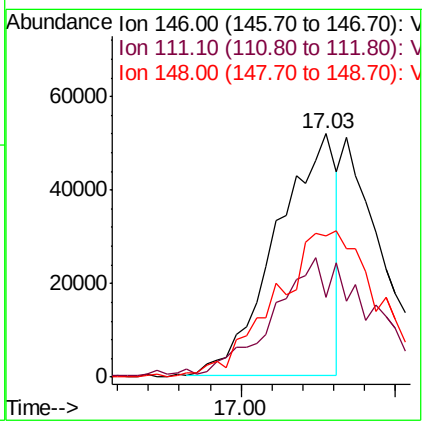


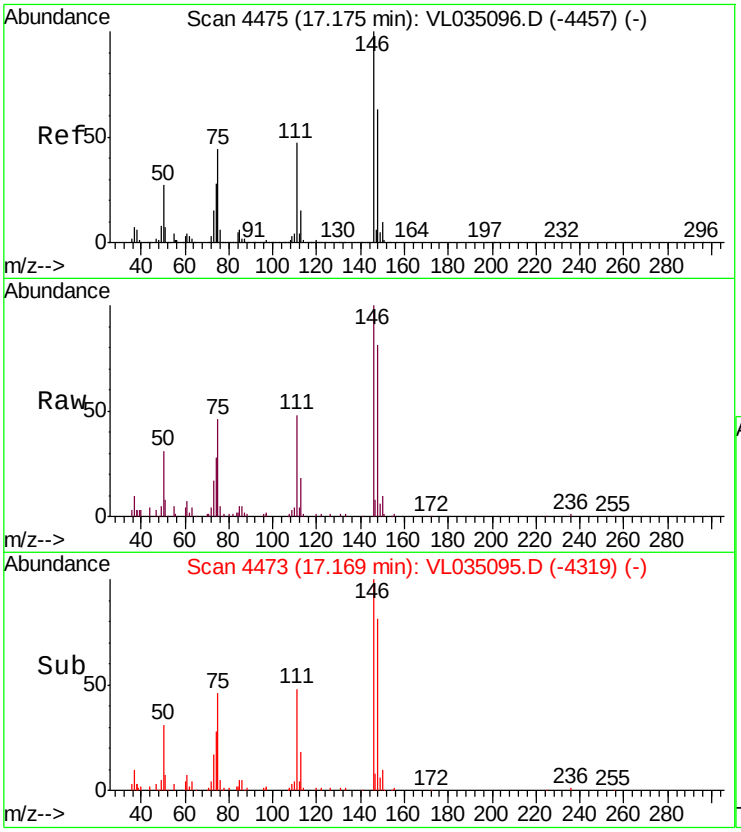


#75
1,3-Dichlorobenzene
Concen: 0.332 ppbv
RT: 17.03 min Scan# 4429
Delta R.T. -0.01 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Tgt Ion:146 Resp: 69499

Ion	Ratio	Lower	Upper
146	100		
111	82.1	24.1	72.4#
148	0.0	32.3	96.8#



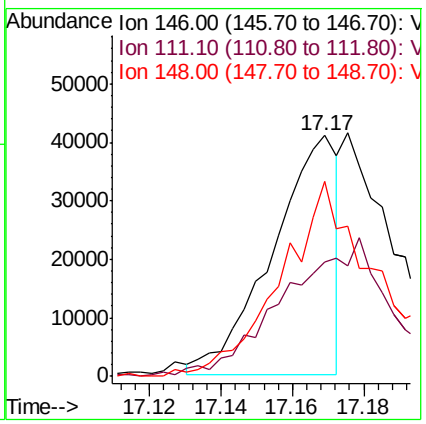


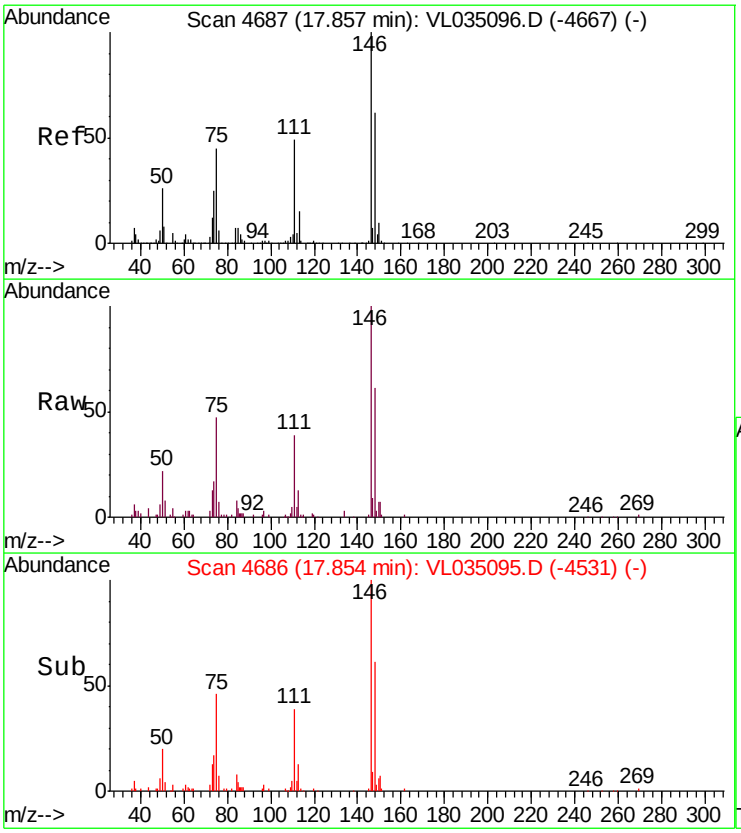
#76
1,4-Dichlorobenzene
Concen: 0.261 ppbv
RT: 17.17 min Scan# 4473
Delta R.T. -0.01 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC0.5

Tgt Ion:146 Resp: 51706

Ion	Ratio	Lower	Upper
146	100		
111	0.0	23.5	70.5#
148	119.5	32.0	96.2#

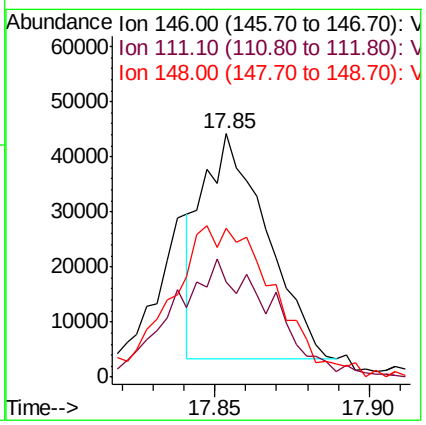


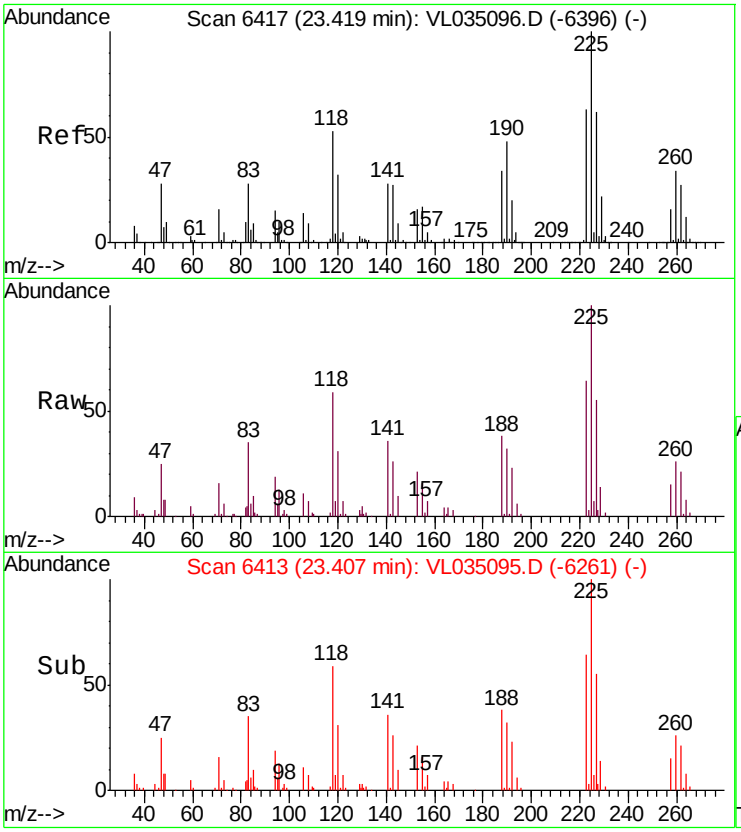


#77
1,2-Dichlorobenzene
Concen: 0.302 ppbv
RT: 17.85 min Scan# 4686
Delta R.T. -0.00 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Tgt Ion:146 Resp: 59133

Ion	Ratio	Lower	Upper
146	100		
111	81.2	25.0	75.0#
148	108.4	32.3	96.8#



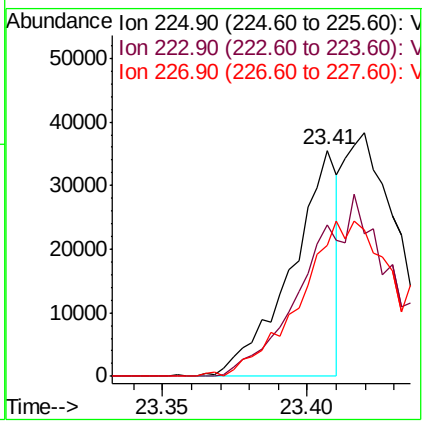


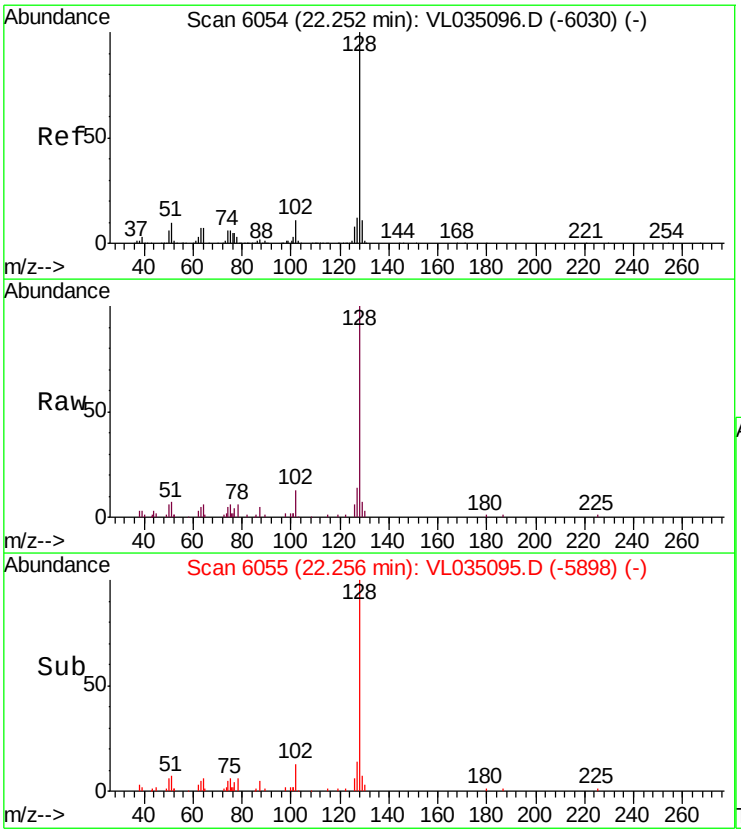
#78
Hexachloro-1,3-Butadiene
Concen: 0.235 ppbv
RT: 23.41 min Scan# 6413
Delta R.T. -0.01 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC0.5

Tgt Ion:225 Resp: 39385

Ion	Ratio	Lower	Upper
225	100		
223	0.0	51.4	77.0#
227	147.3	51.8	77.8#

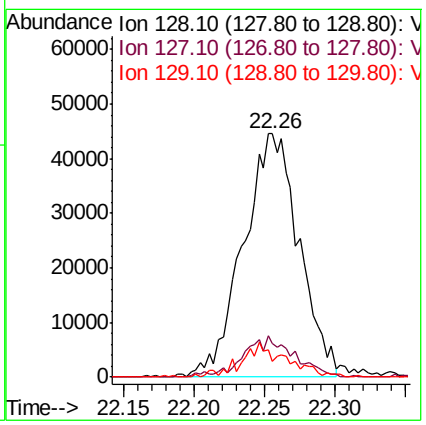


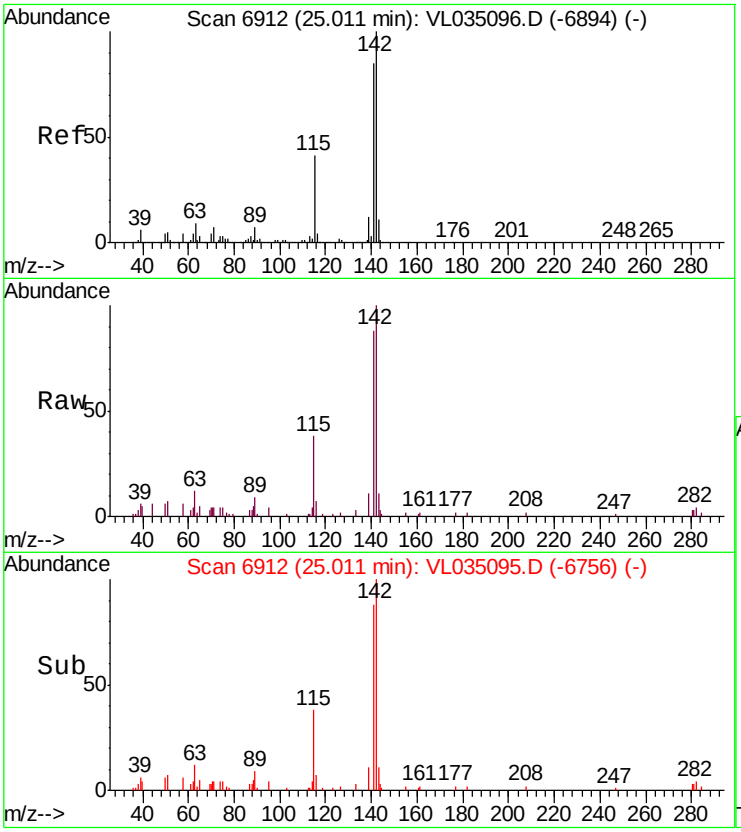


#79
Naphthalene
Concen: 0.445 ppbv
RT: 22.26 min Scan# 6055
Delta R.T. 0.00 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Tgt Ion:128 Resp: 121783

Ion	Ratio	Lower	Upper
128	100		
127	13.3	9.9	14.9
129	6.7	9.0	13.4#



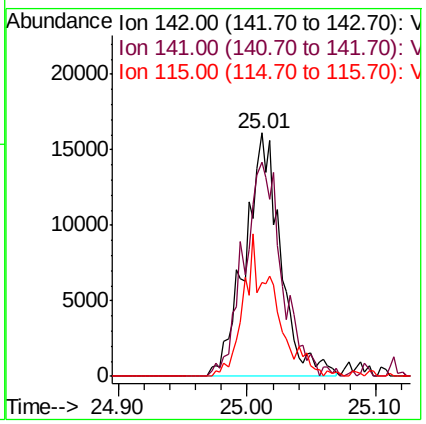


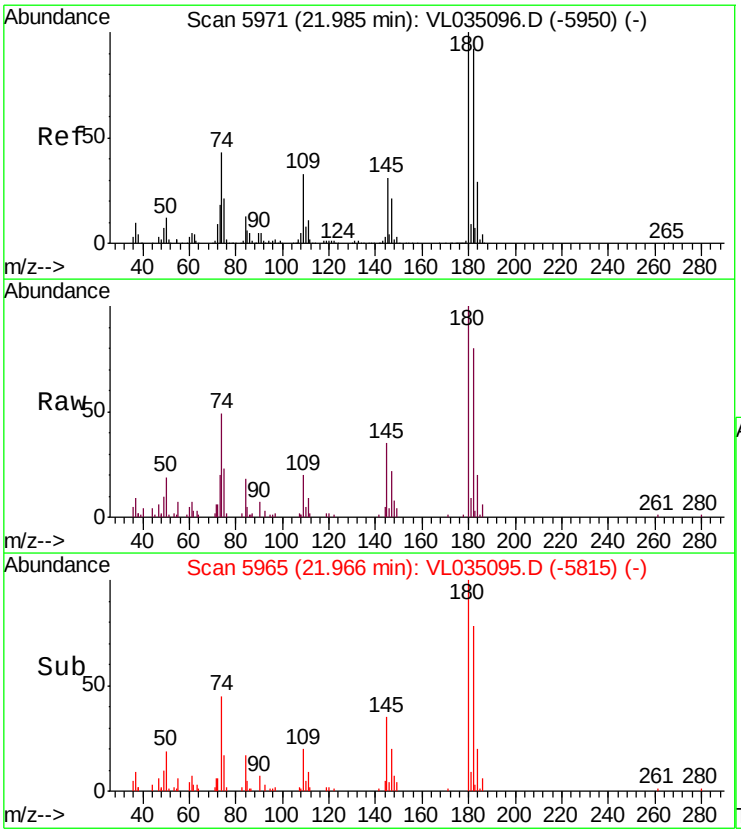
#80
Naphthalene,2-methyl-
Concen: 0.449 ppbv
RT: 25.01 min Scan# 6912
Delta R.T. 0.00 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC0.5

Tgt Ion:142 Resp: 30932

Ion	Ratio	Lower	Upper
142	100		
141	96.0	67.5	101.3
115	50.9	33.8	50.8#





#81
1,2,4-Trichlorobenzene
Concen: 0.160 ppbv
RT: 21.97 min Scan# 5965
Delta R.T. -0.02 min
Lab File: VL035095.D
Acq: 19 Jun 2020 15:12

Tgt Ion:180 Resp: 26669

Ion	Ratio	Lower	Upper
180	100		
182	0.0	77.9	116.9#
184	0.0	24.6	37.0#