Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100219\

Quantitation Report (Not Reviewed)

Data File : VL034207.D
Acq On : 2 Oct 2019 11:53
Operator : SY/AP
Sample : VL1002ABS01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL1002ABS01

Quant Time: Oct 03 05:37:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 18 12:53:31 2019
QLast Update : Wed Sep 18 12:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.70	49	1088805	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.22	114	1879563	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.16	117	1981469	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.50	95	1721721	10.00	ppbv	-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.03	85	1323088	8.227	ppbv	98
3) Chlorodifluoromethane	2.97	51	1267001	9.925	ppbv	100
4) Chloromethane	3.12	50	771208	10.280	ppbv	100
5) Vinyl Chloride	3.24	62	674023	9.831	ppbv	97
6) Bromomethane	3.46	94	322331	10.077	ppbv	96
7) Chloroethane	3.55	64	242684	10.127	ppbv	96
8) Dichlorotetrafluoroethane	3.17	85	1400553	9.867	ppbv	99
9) Propene	2.99	41	627793	9.967	ppbv	100
10) Heptane	8.17	43	1644044	10.015	ppbv	100
11) Trichlorofluoromethane	3.95	101	1480329	10.112	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.49	101	976263	10.190	ppbv	100
13) Ethanol	3.60	45	127493	8.359	ppbv	99
14) Bromoethene	3.74	108	409304	10.449	ppbv	98
15) Acetone	3.84	43	1293616	8.865	ppbv	99
16) 1,3-Butadiene	3.31	39	671064	10.537	ppbv	99
17) tert-Butyl alcohol	4.30	59	1092904	11.820	ppbv	99
18) 1,1-Dichloroethene	4.29	96	443875	10.622	ppbv	90
19) Isopropyl Alcohol	3.97	45	972312	10.835	ppbv	100
20) Methylene Chloride	4.35	84	402932	9.577	ppbv	95
21) Allyl Chloride	4.42	41	886780	10.759	ppbv	98
22) trans-1,2-Dichloroethene	4.90	96	431614	10.324	ppbv	99
23) Vinyl Acetate	5.09	43	2158254	10.036	ppbv	99
24) 1,1-Dichloroethane	5.03	63	1430733	9.881	ppbv	98
25) Ethyl Acetate	5.70	43	2645380	9.586	ppbv	99
26) Hexane	5.71	57	1120360	9.760	ppbv	100
27) Carbon Disulfide	4.56	76	1205229	11.384	ppbv	98
28) Methyl tert-Butyl Ether	5.05	73	1745836	10.240	ppbv	100
29) Chloroform	5.78	83	1630307	9.939	ppbv	99
30) Cyclohexane	7.18	84	850600	10.264	ppbv	99
31) cis-1,2-Dichloroethene	5.57	61	1179564	10.080	ppbv	98
32) 1,1,1-Trichloroethane	6.55	97	1582375	10.003	ppbv	99
34) 2-Butanone	5.27	43	1839533	9.585	ppbv	100
35) Carbon Tetrachloride	7.07	117	1549626	9.924	ppbv	99
36) Benzene	6.94	78	2017689	9.720	ppbv	99
37) 1,2-Dichloroethane	6.34	62	1486154	10.065	ppbv	100
38) Trichloroethene	7.89	130	686412	9.254	ppbv	98
39) 1,2-Dichloropropane	7.66	63	896523	9.612	ppbv	98
40) 1,4-Dioxane	7.88	88	127414	4.221	ppbv #	1
41) Tetrahydrofuran	6.08	42	1095890	10.139	ppbv	99
42) Bromodichloromethane	7.84	83	1800615	10.162	ppbv	99
43) Methyl Methacrylate	8.06	69	892786	10.411	ppbv	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100219\

Quantitation Report (Not Reviewed)

Data File : VL034207.D
Acq On : 2 Oct 2019 11:53
Operator : SY/AP
Sample : VL1002ABS01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL1002ABS01

Quant Time: Oct 03 05:37:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 18 12:53:31 2019
QLast Update : Wed Sep 18 12:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.92	57	3804795	9.521	ppbv		99
45) t-1,3-Dichloropropene	9.34	75	1188092	11.718	ppbv		96
46) cis-1,3-Dichloropropene	8.76	75	1324078	10.856	ppbv		98
47) 1,1,2-Trichloroethane	9.54	97	494043	5.899	ppbv		96
48) Dibromochloromethane	10.38	129	1355140	10.209	ppbv		99
49) Bromoform	13.12	173	1114540	10.375	ppbv		99
50) 4-Methyl-2-Pentanone	8.80	43	2693828	9.645	ppbv		99
51) 2-Hexanone	10.19	43	2296340	9.797	ppbv	#	99
52) Tetrachloroethene	11.30	164	618502	9.018	ppbv		97
53) Toluene	9.87	91	2232139	9.839	ppbv		100
54) 1,2-Dibromoethane	10.68	107	1219981	9.795	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.20	131	885179	10.017	ppbv		98
57) Chlorobenzene	12.22	112	1579342	9.155	ppbv		99
58) Ethyl Benzene	12.79	91	3074018	9.615	ppbv		99
59) m/p-Xylene	13.07	91	2713995	10.249	ppbv	#	46
60) o-Xylene	13.77	91	2482180	9.374	ppbv		99
61) Styrene	13.61	104	1841458	9.709	ppbv		99
62) Isopropylbenzene	14.75	105	3216196	9.383	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.76	83	1834120	8.447	ppbv		98
64) n-propylbenzene	15.64	120	828175	9.550	ppbv		93
65) tert-Butylbenzene	16.83	119	1492317	4.983	ppbv	#	28
66) Benzyl Chloride	17.08	91	1346287	12.705	ppbv		98
67) sec-Butylbenzene	17.38	105	3949033	9.221	ppbv		99
69) p-Isopropyltoluene	17.74	119	3192260	9.205	ppbv		100
70) n-Butylbenzene	18.63	91	3645840	9.028	ppbv		99
71) 2-Chlorotoluene	15.54	91	2609555	9.318	ppbv		100
72) 4-Ethyltoluene	15.92	105	2854079	9.540	ppbv		99
73) 1,3,5-Trimethylbenzene	16.08	105	2720713	9.414	ppbv		97
74) 1,2,4-Trimethylbenzene	16.85	105	2714205	8.844	ppbv		98
75) 1,3-Dichlorobenzene	17.09	146	1469596	8.926	ppbv		99
76) 1,4-Dichlorobenzene	17.23	146	1492872	8.853	ppbv		99
77) 1,2-Dichlorobenzene	17.91	146	1471826	8.832	ppbv		99
78) Hexachloro-1,3-Butadiene	23.46	225	956617	8.667	ppbv		98
79) Naphthalene	22.31	128	2450817	9.071	ppbv	#	95
80) Naphthalene,2-methyl-	25.05	142	569796	4.535	ppbv		97
81) 1,2,4-Trichlorobenzene	22.04	180	1330425	8.890	ppbv		99

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

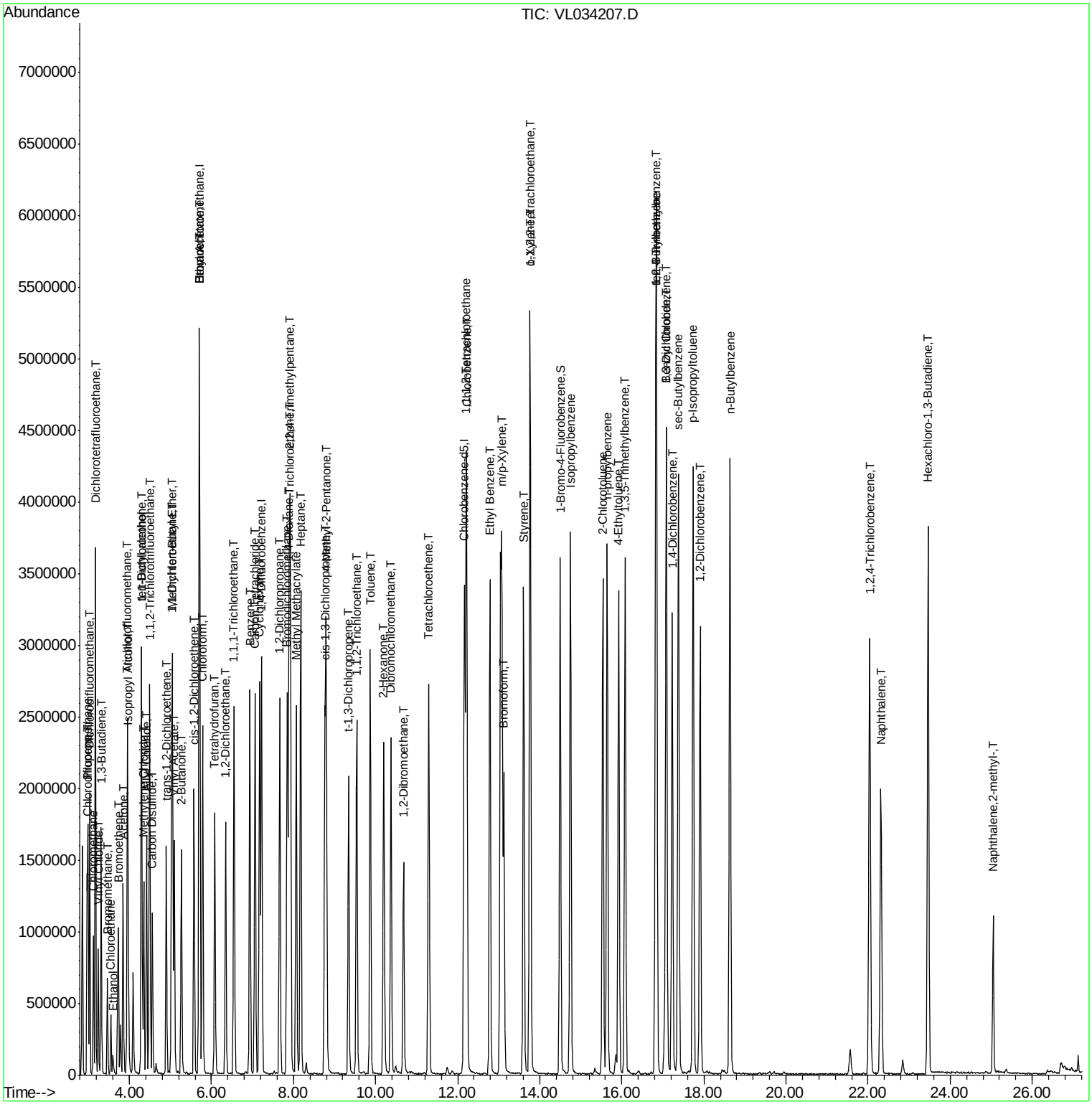
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100219\

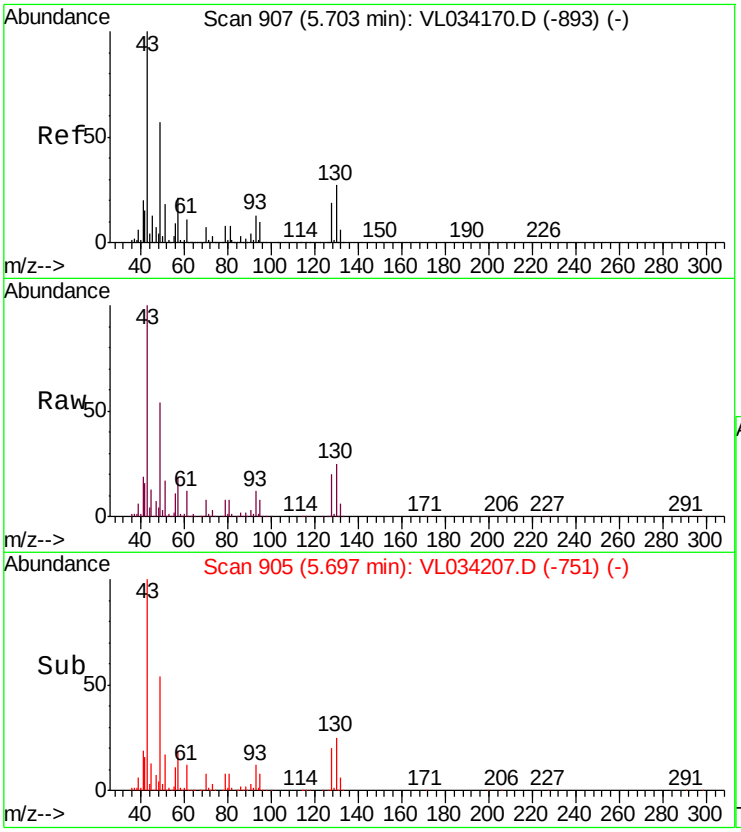
Quantitation Report (Not Reviewed)

Data File : VL034207.D
Acq On : 2 Oct 2019 11:53
Operator : SY/AP
Sample : VL1002ABS01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL1002ABS01

Quant Time: Oct 03 05:37:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 18 12:53:31 2019
QLast Update : Wed Sep 18 12:53:31 2019
Response via : Initial Calibration



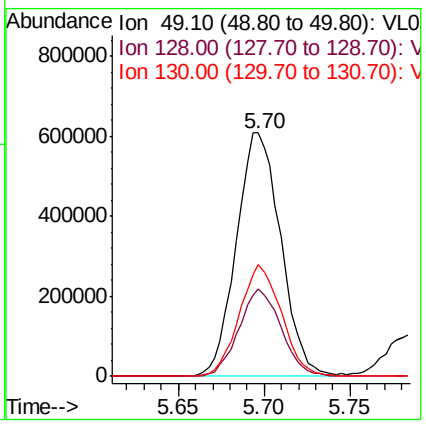


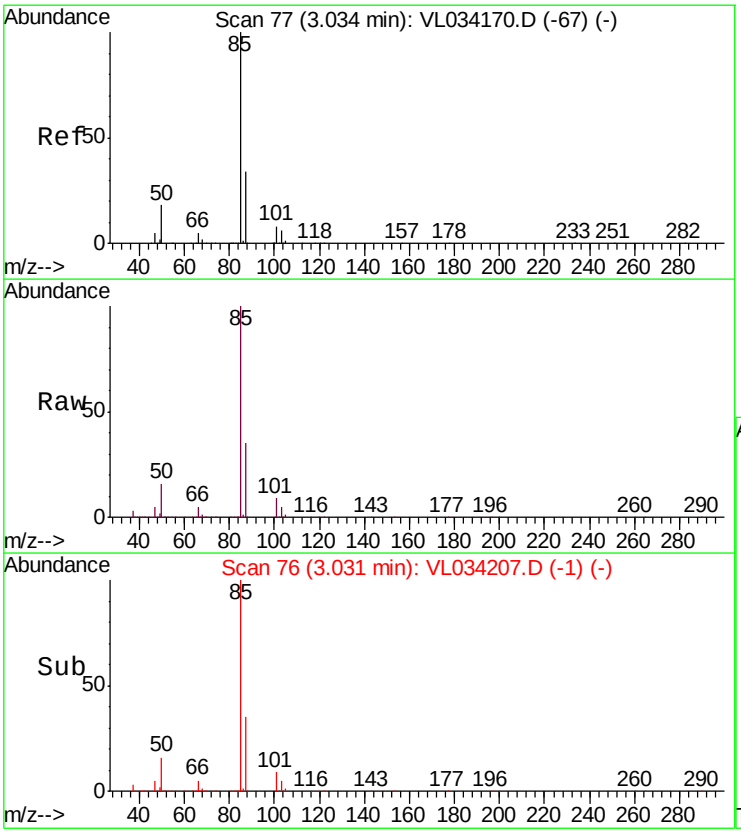
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.70 min Scan# 905
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Instrument :
MSVOA_L
ClientSampleId :
VL1002ABS01

Tgt Ion: 49 Resp: 1088805

Ion	Ratio	Lower	Upper
49	100		
128	34.4	17.6	52.9
130	43.9	22.3	66.9

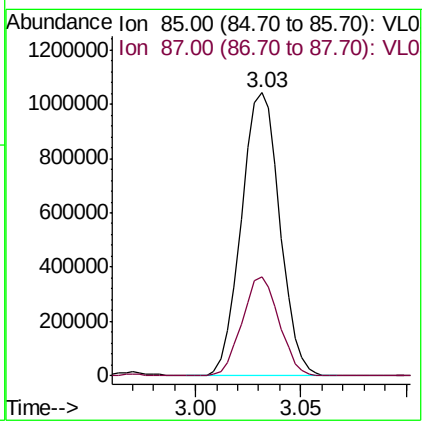


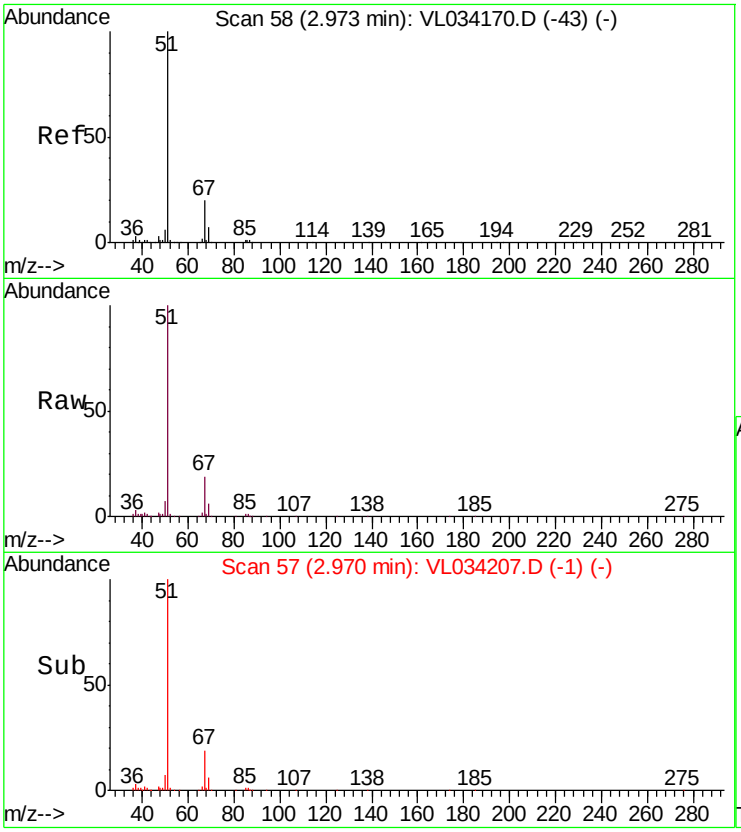


#2
Dichlorodifluoromethane
Concen: 8.227 ppbv
RT: 3.03 min Scan# 76
Delta R.T. -0.00 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Tgt Ion: 85 Resp: 1323088

Ion	Ratio	Lower	Upper
85	100		
87	35.1	27.2	40.8



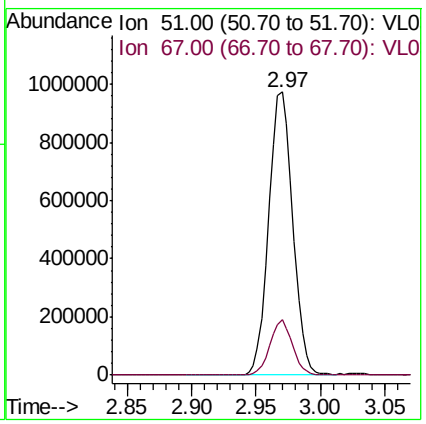


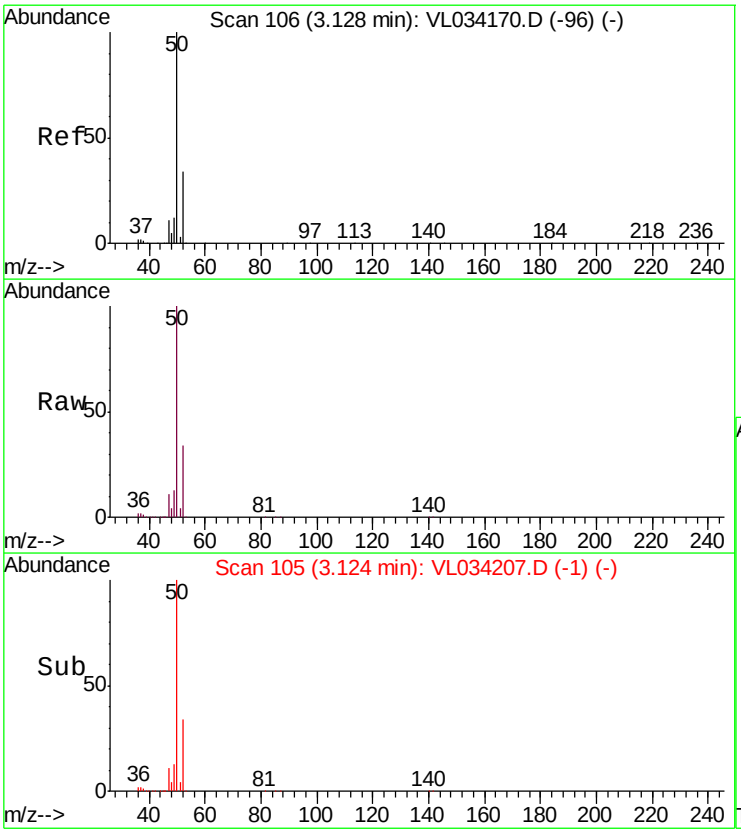
#3
Chlorodifluoromethane
Concen: 9.925 ppbv
RT: 2.97 min Scan# 57
Delta R.T. -0.00 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Instrument :
MSVOA_L
ClientSampleId :
VL1002ABS01

Tgt Ion: 51 Resp: 1267001

Ion	Ratio	Lower	Upper
51	100		
67	18.4	14.8	22.2

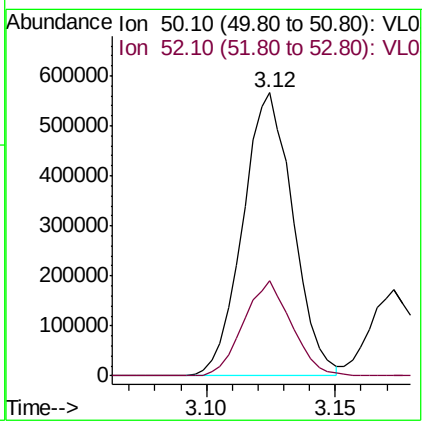


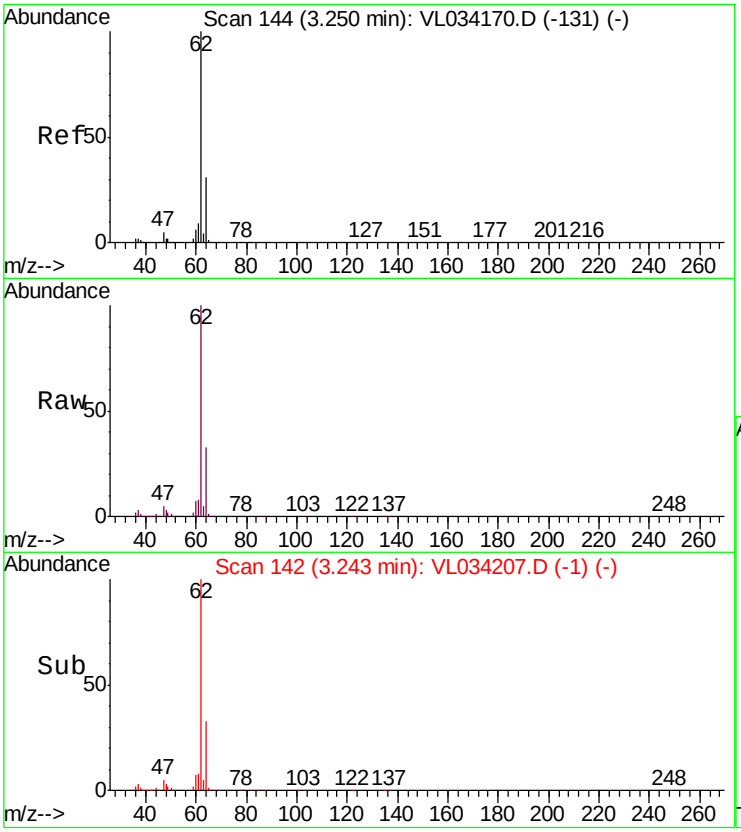


#4
Chloromethane
Concen: 10.280 ppbv
RT: 3.12 min Scan# 105
Delta R.T. -0.00 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Tgt Ion: 50 Resp: 771208

Ion	Ratio	Lower	Upper
50	100		
52	33.7	27.1	40.7



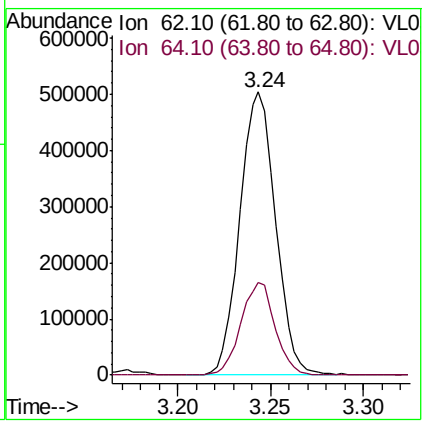


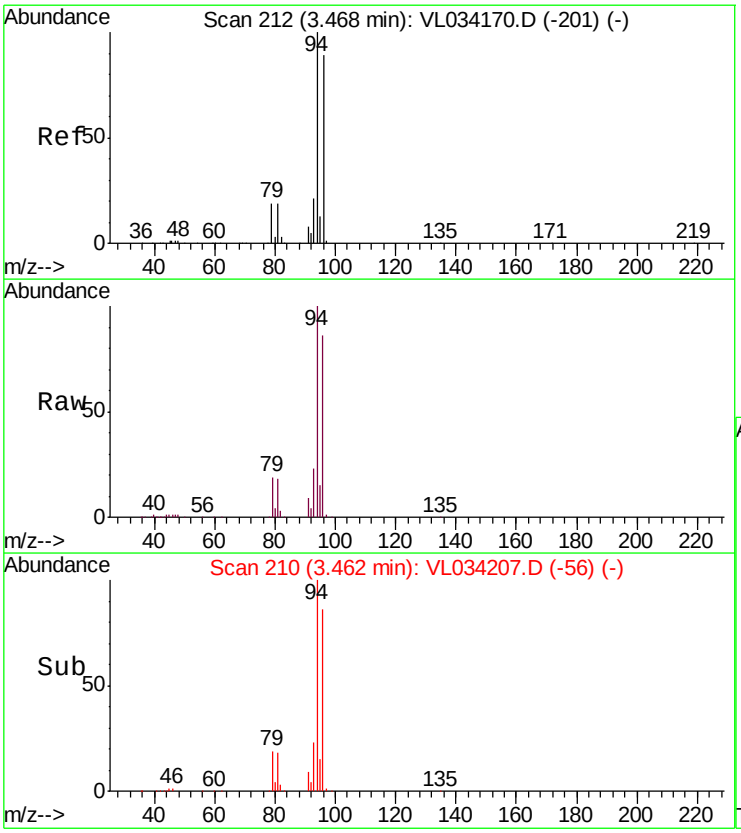
#5
Vinyl Chloride
Concen: 9.831 ppbv
RT: 3.24 min Scan# 142
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Instrument : MSVOA_L
ClientSampleId : VL1002ABS01

Tgt Ion: 62 Resp: 674023

Ion	Ratio	Lower	Upper
62	100		
64	32.9	25.2	37.8

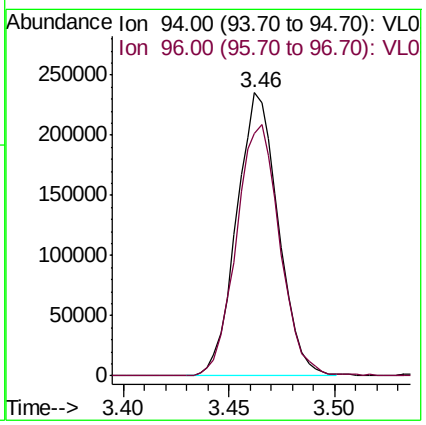


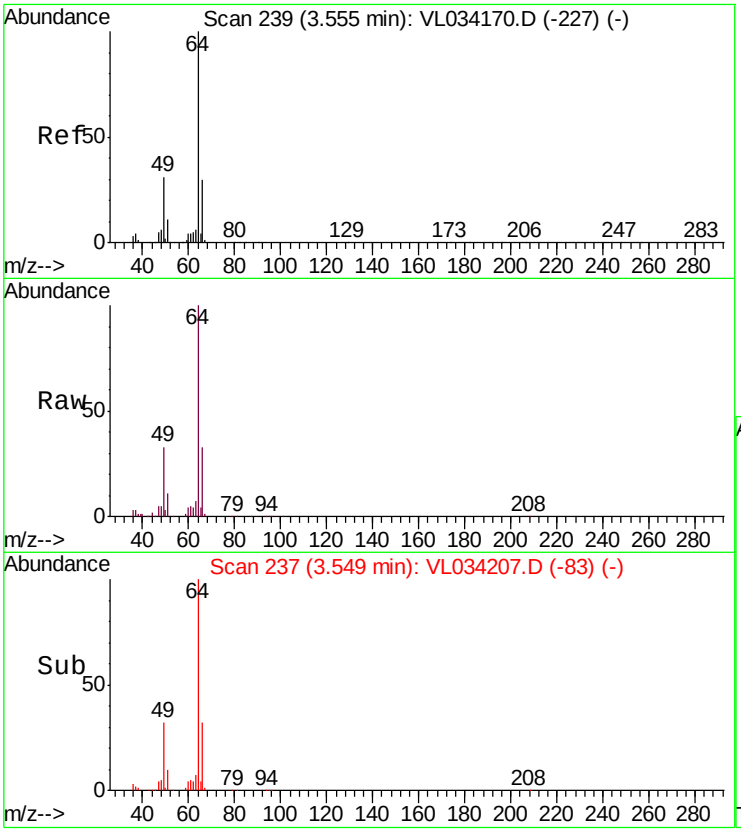


#6
Bromomethane
Concen: 10.077 ppbv
RT: 3.46 min Scan# 210
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Tgt Ion: 94 Resp: 322331

Ion	Ratio	Lower	Upper
94	100		
96	85.7	71.3	106.9



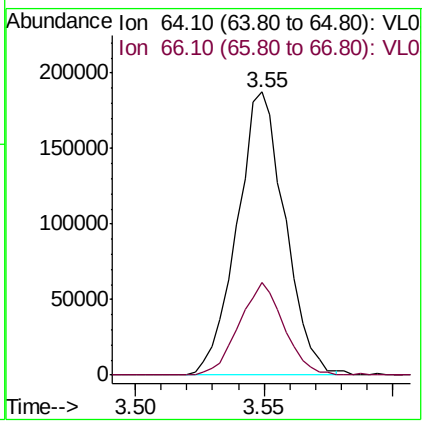


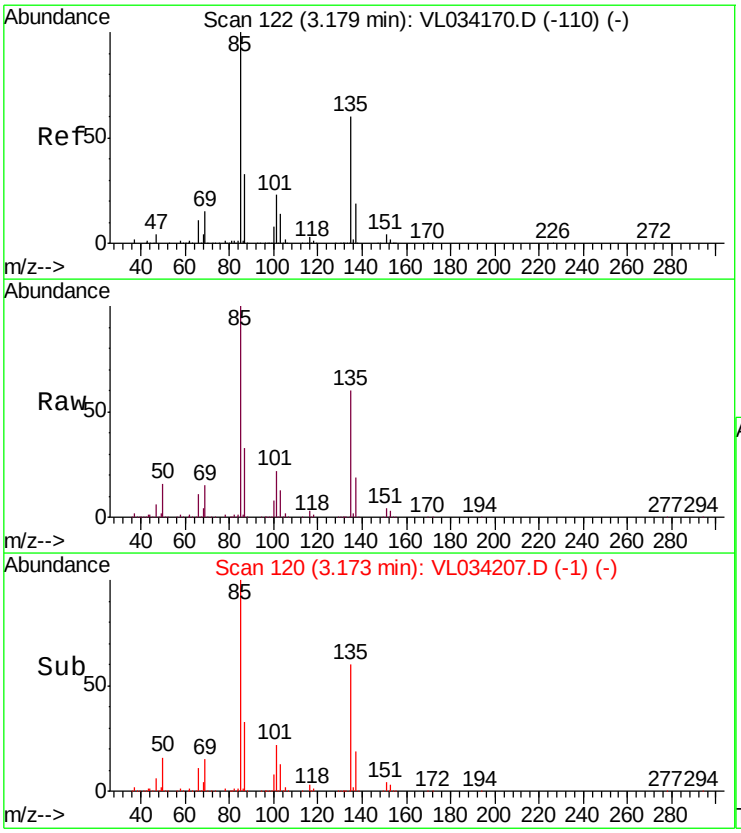
#7
Chloroethane
Concen: 10.127 ppbv
RT: 3.55 min Scan# 237
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Instrument : MSVOA_L
ClientSampleId : VL1002ABS01

Tgt Ion: 64 Resp: 242684

Ion	Ratio	Lower	Upper
64	100		
66	32.7	24.2	36.4

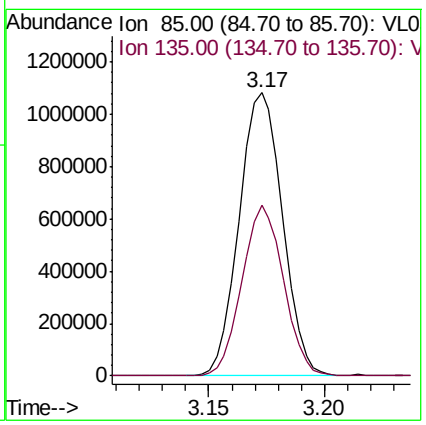


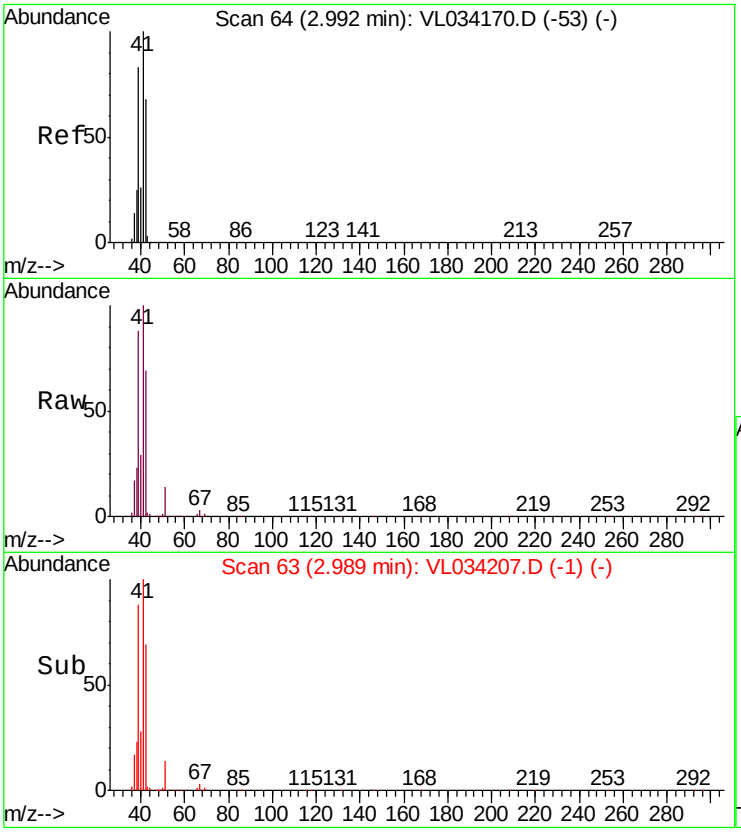


#8
Dichlorotetrafluoroethane
Concen: 9.867 ppbv
RT: 3.17 min Scan# 120
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Tgt Ion: 85 Resp: 1400553

Ion	Ratio	Lower	Upper
85	100		
135	58.1	47.3	70.9



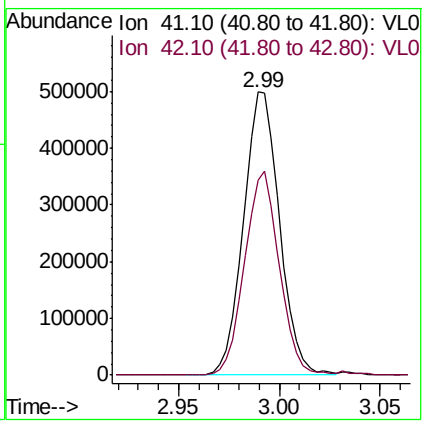


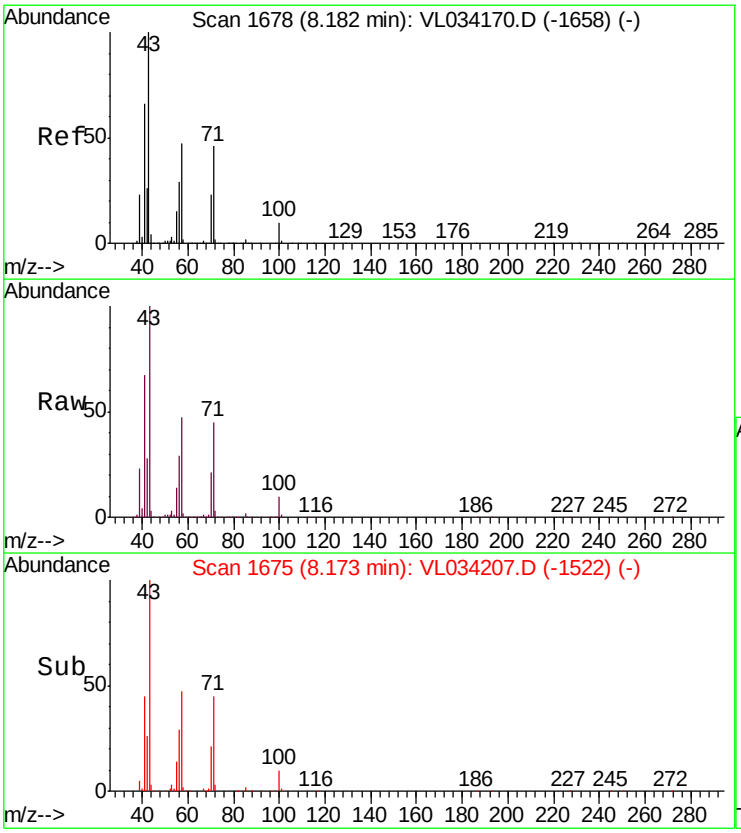
#9
Propene
Concen: 9.967 ppbv
RT: 2.99 min Scan# 63
Delta R.T. -0.00 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Instrument : MSVOA_L
ClientSampleId : VL1002ABS01

Tgt Ion: 41 Resp: 627793

Ion	Ratio	Lower	Upper
41	100		
42	70.1	55.8	83.6

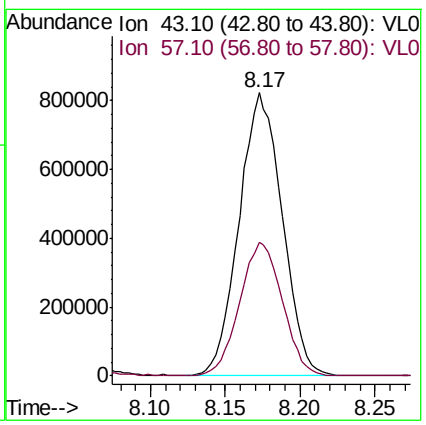


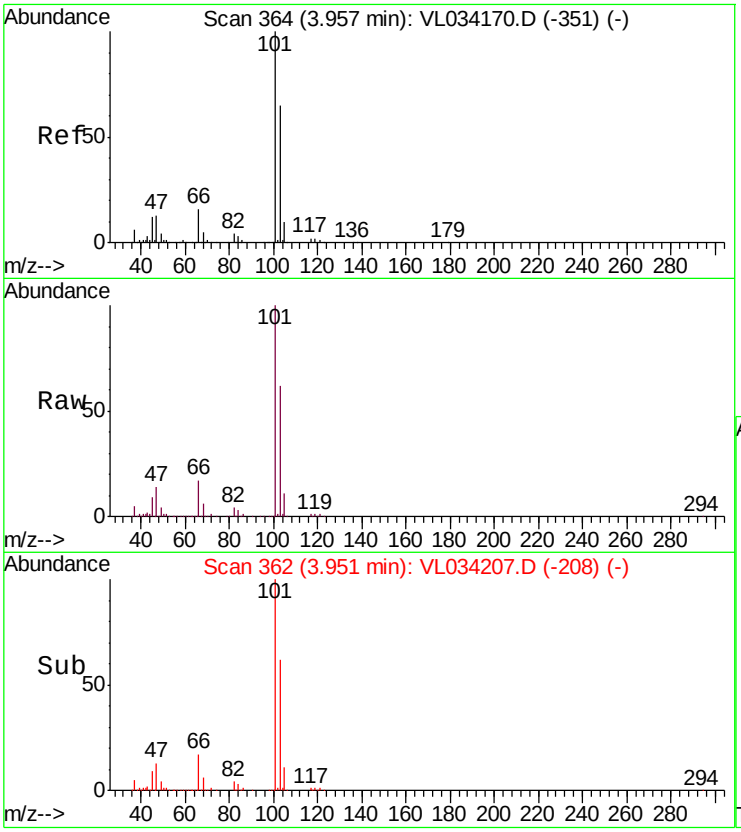


#10
Heptane
Concen: 10.015 ppbv
RT: 8.17 min Scan# 1675
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Tgt Ion: 43 Resp: 1644044

Ion	Ratio	Lower	Upper
43	100		
57	46.9	37.5	56.3



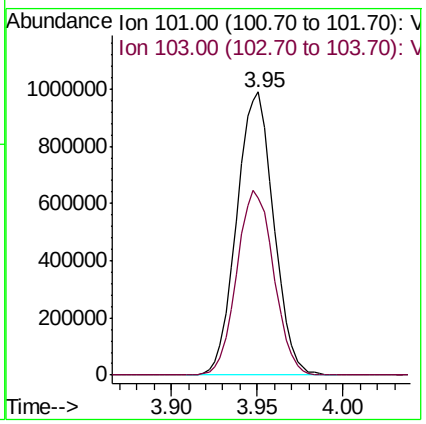


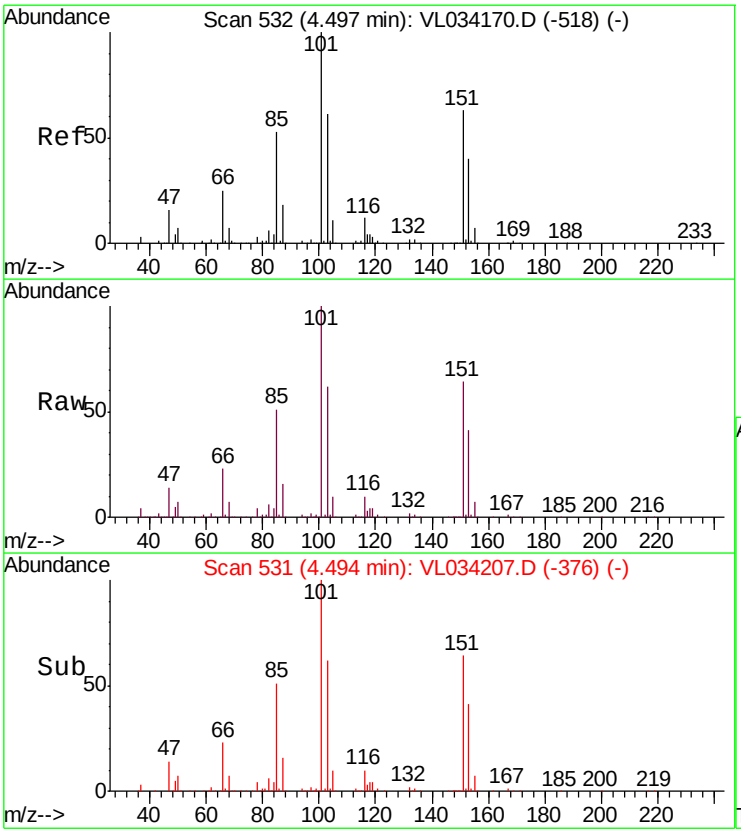
#11
Trichlorofluoromethane
Concen: 10.112 ppbv
RT: 3.95 min Scan# 362
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Instrument :
MSVOA_L
ClientSampleId :
VL1002ABS01

Tgt Ion:101 Resp: 1480329

Ion	Ratio	Lower	Upper
101	100		
103	62.4	52.1	78.1

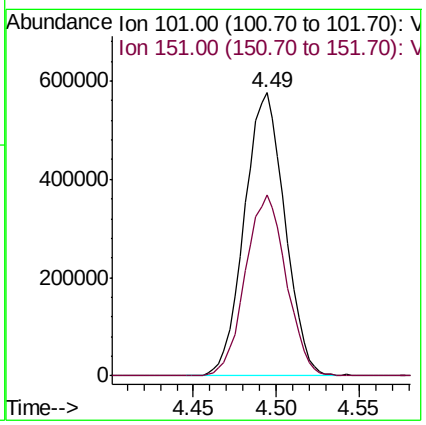


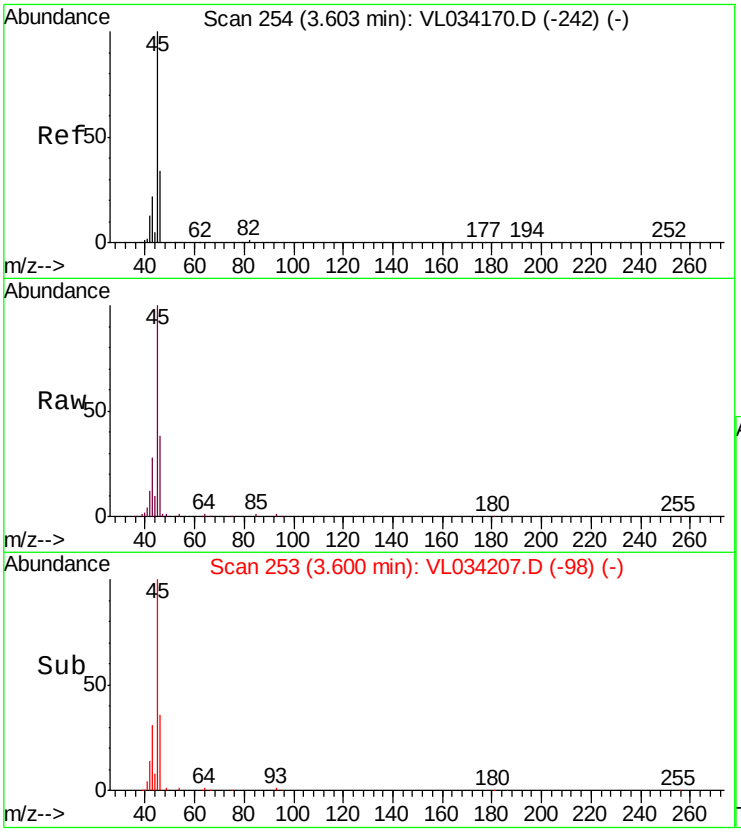


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.190 ppbv
RT: 4.49 min Scan# 531
Delta R.T. -0.00 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Tgt Ion:101 Resp: 976263

Ion	Ratio	Lower	Upper
101	100		
151	64.6	51.8	77.8



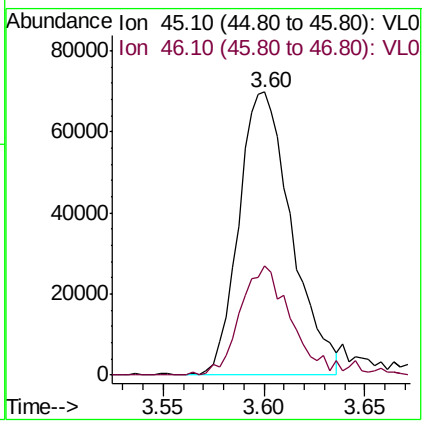


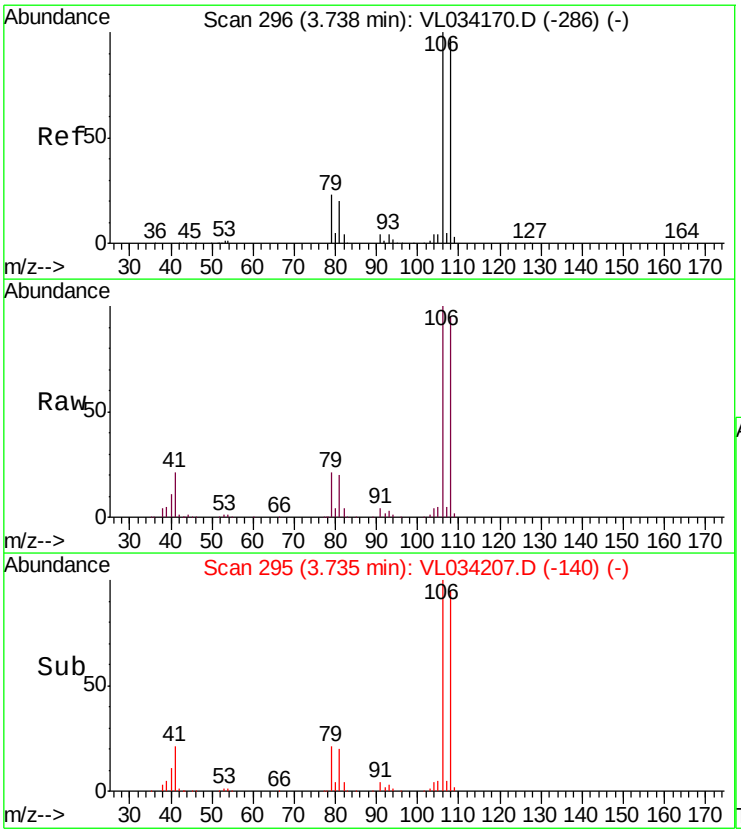
#13
Ethanol
Concen: 8.359 ppbv
RT: 3.60 min Scan# 253
Delta R.T. -0.00 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Instrument :
MSVOA_L
ClientSampleId :
VL1002ABS01

Tgt Ion: 45 Resp: 127493

Ion	Ratio	Lower	Upper
45	100		
46	38.2	15.5	61.9

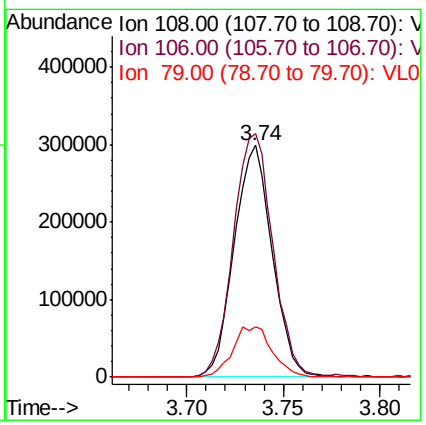


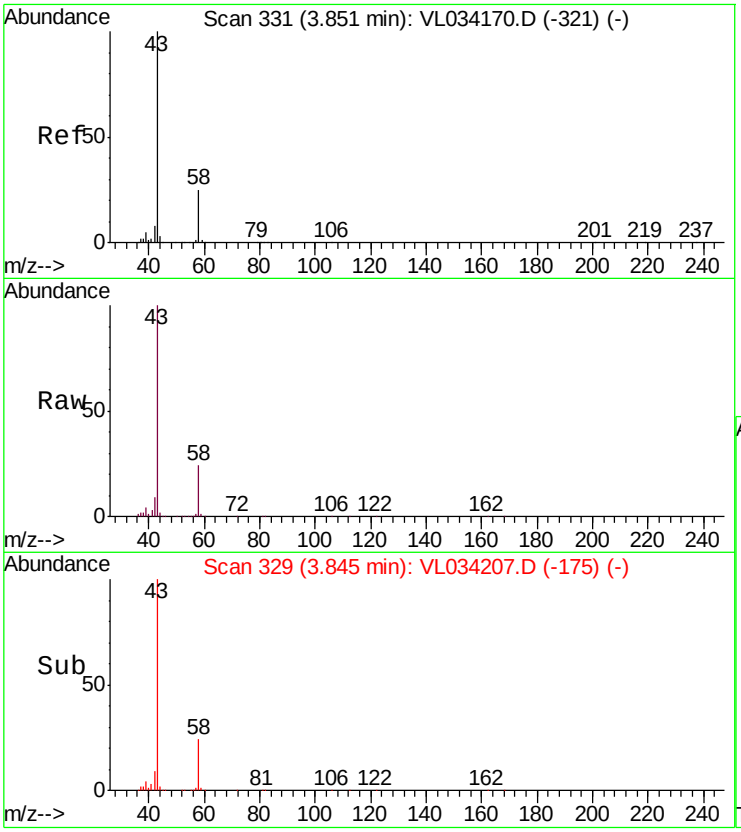


#14
Bromoethene
Concen: 10.449 ppbv
RT: 3.74 min Scan# 295
Delta R.T. -0.00 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Tgt Ion:108 Resp: 409304

Ion	Ratio	Lower	Upper
108	100		
106	109.8	86.2	129.4
79	22.7	18.6	27.8



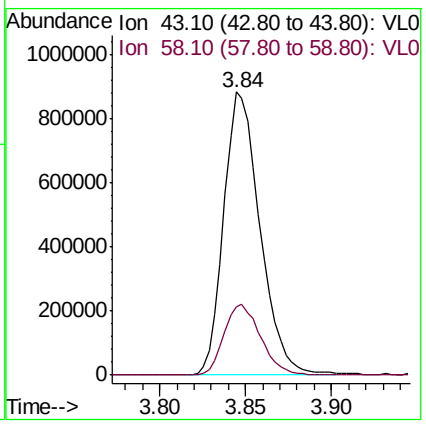


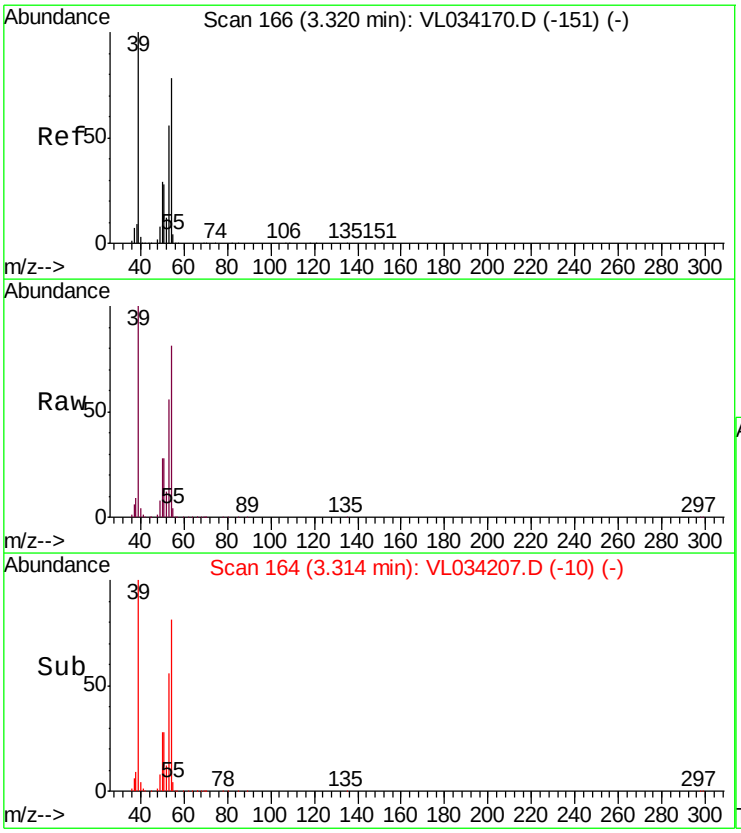
#15
Acetone
Concen: 8.865 ppbv
RT: 3.84 min Scan# 329
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Instrument : MSVOA_L
ClientSampleId : VL1002ABS01

Tgt Ion: 43 Resp: 1293616

Ion	Ratio	Lower	Upper
43	100		
58	25.3	20.5	30.7

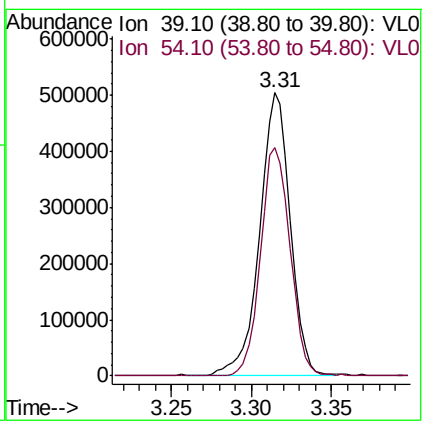


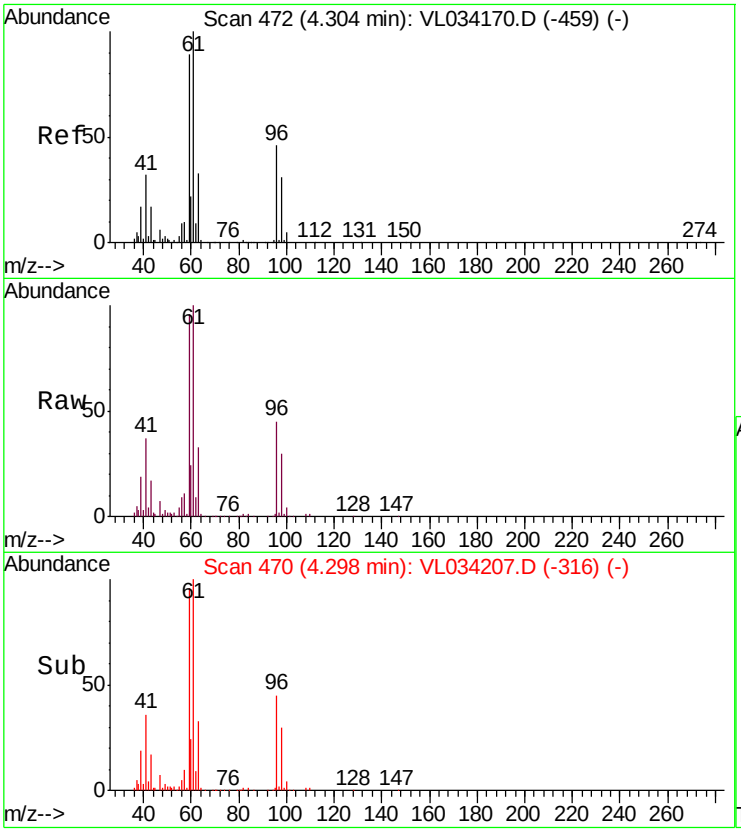


#16
1,3-Butadiene
Concen: 10.537 ppbv
RT: 3.31 min Scan# 164
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Tgt Ion: 39 Resp: 671064

Ion	Ratio	Lower	Upper
39	100		
54	78.0	63.4	95.0



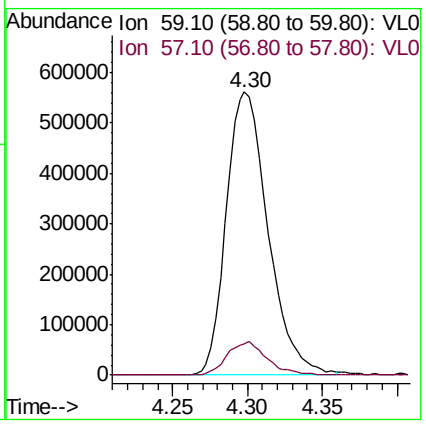


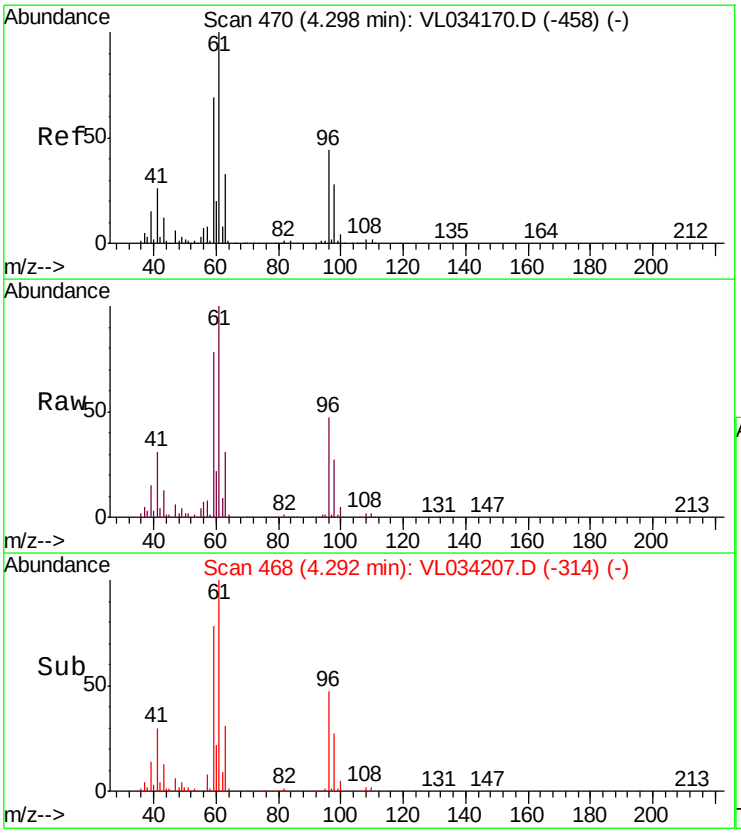
#17
tert-Butyl alcohol
Concen: 11.820 ppbv
RT: 4.30 min Scan# 470
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Instrument :
MSVOA_L
ClientSampleId :
VL1002ABS01

Tgt Ion: 59 Resp: 1092904

Ion	Ratio	Lower	Upper
59	100		
57	11.3	8.7	13.1

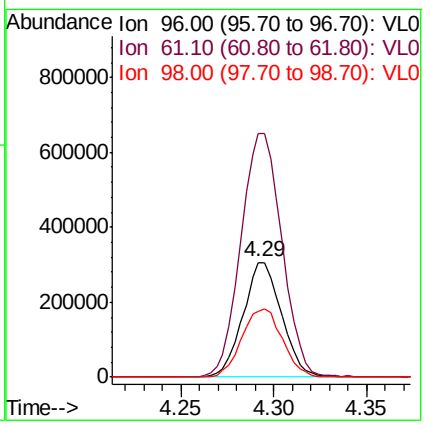


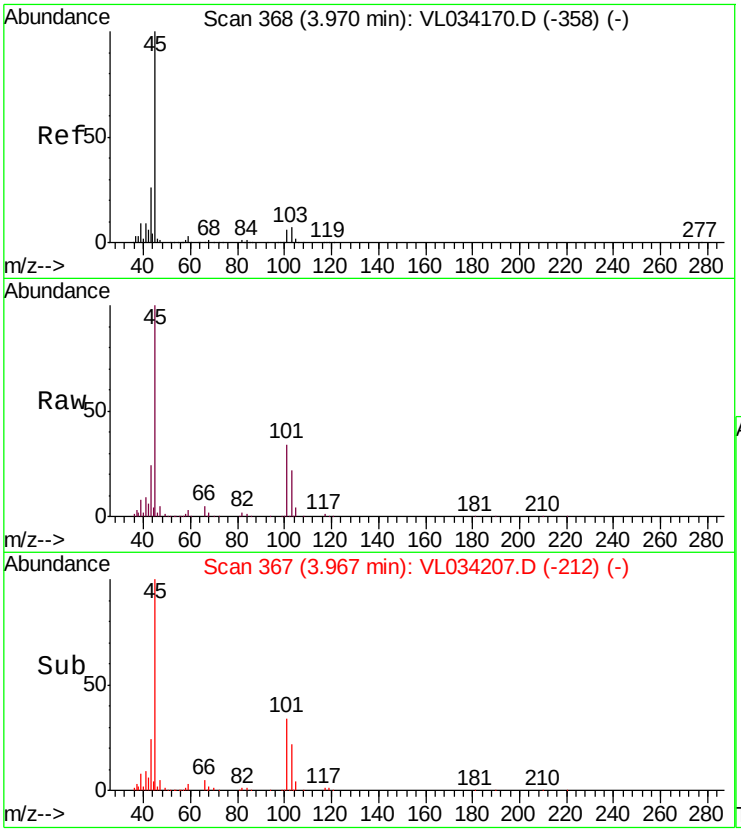


#18
1,1-Dichloroethene
Concen: 10.622 ppbv
RT: 4.29 min Scan# 468
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Tgt Ion: 96 Resp: 443875

Ion	Ratio	Lower	Upper
96	100		
61	212.6	183.3	274.9
98	57.4	51.4	77.2



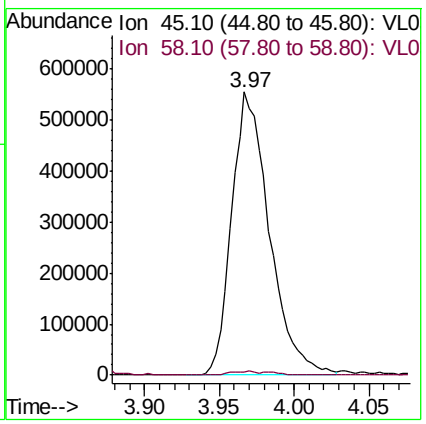


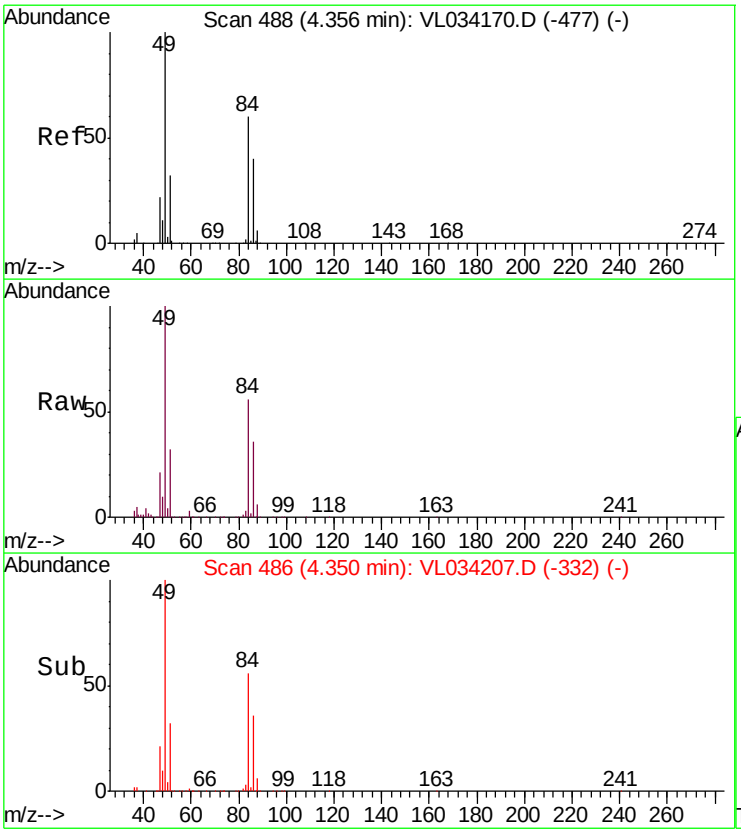
#19
Isopropyl Alcohol
Concen: 10.835 ppbv
RT: 3.97 min Scan# 367
Delta R.T. -0.00 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Instrument : MSVOA_L
ClientSampleId : VL1002ABS01

Tgt Ion: 45 Resp: 972312

Ion	Ratio	Lower	Upper
45	100		
58	1.6	1.4	2.0

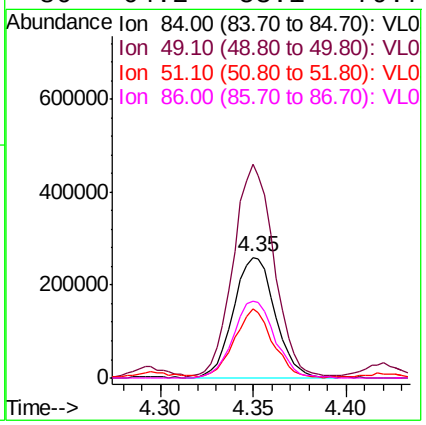


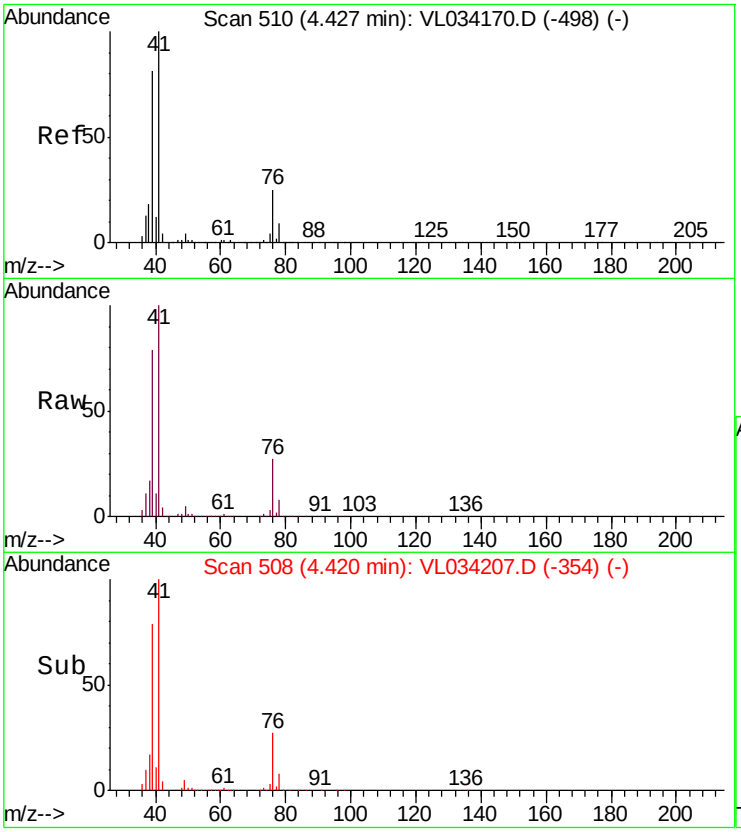


#20
Methylene Chloride
Concen: 9.577 ppbv
RT: 4.35 min Scan# 486
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Tgt Ion: 84 Resp: 402932

Ion	Ratio	Lower	Upper
84	100		
49	176.2	133.8	200.8
51	55.9	43.6	65.4
86	64.2	53.1	79.7



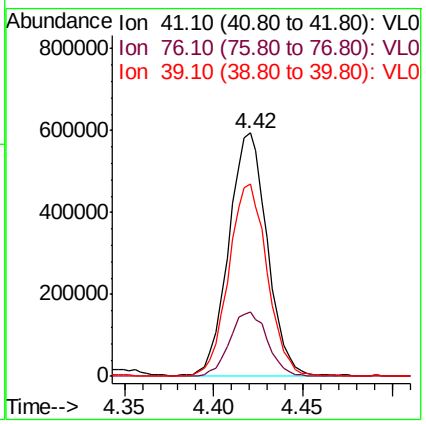


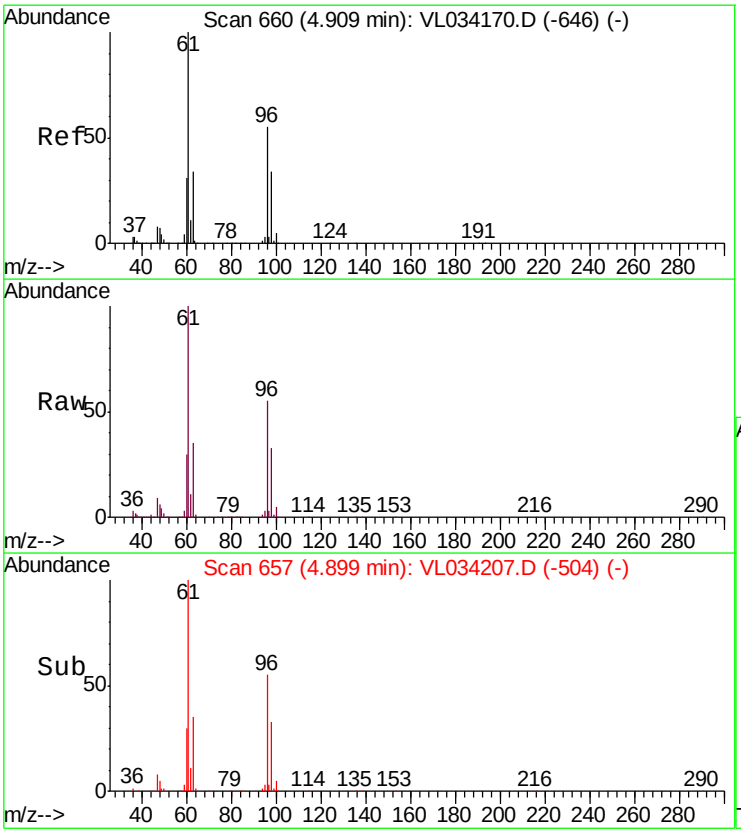
#21
Allyl Chloride
Concen: 10.759 ppbv
RT: 4.42 min Scan# 508
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Instrument : MSVOA_L
ClientSampleId : VL1002ABS01

Tgt Ion: 41 Resp: 886780

Ion	Ratio	Lower	Upper
41	100		
76	26.3	21.8	32.6
39	78.8	64.8	97.2

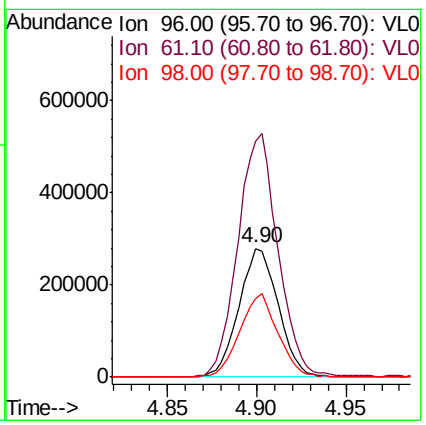


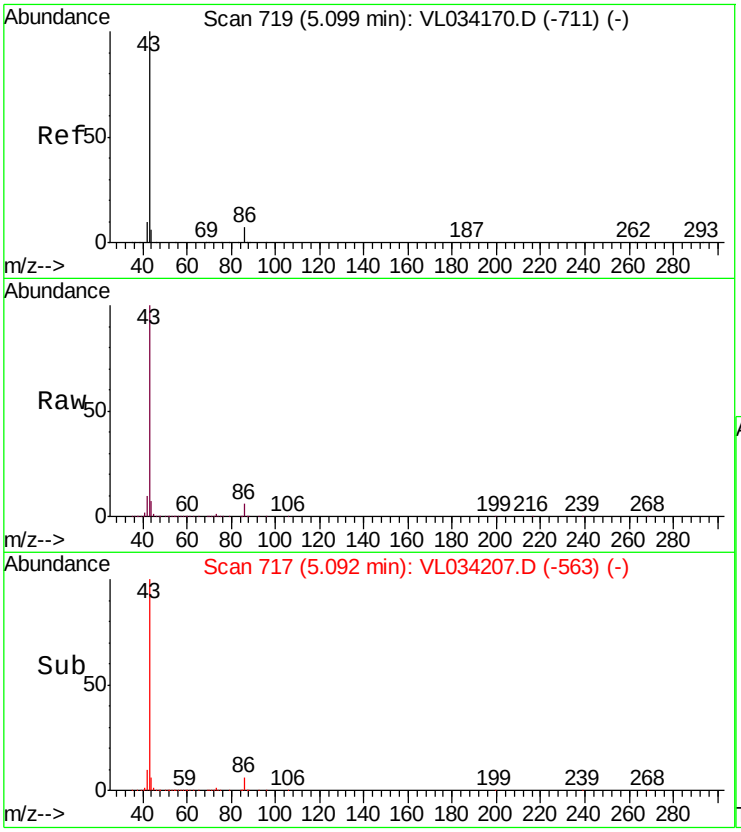


#22
trans-1,2-Dichloroethene
Concen: 10.324 ppbv
RT: 4.90 min Scan# 657
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Tgt Ion: 96 Resp: 431614

Ion	Ratio	Lower	Upper
96	100		
61	182.7	145.5	218.3
98	60.7	49.9	74.9



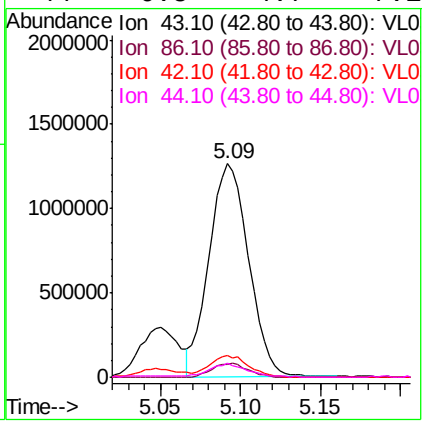


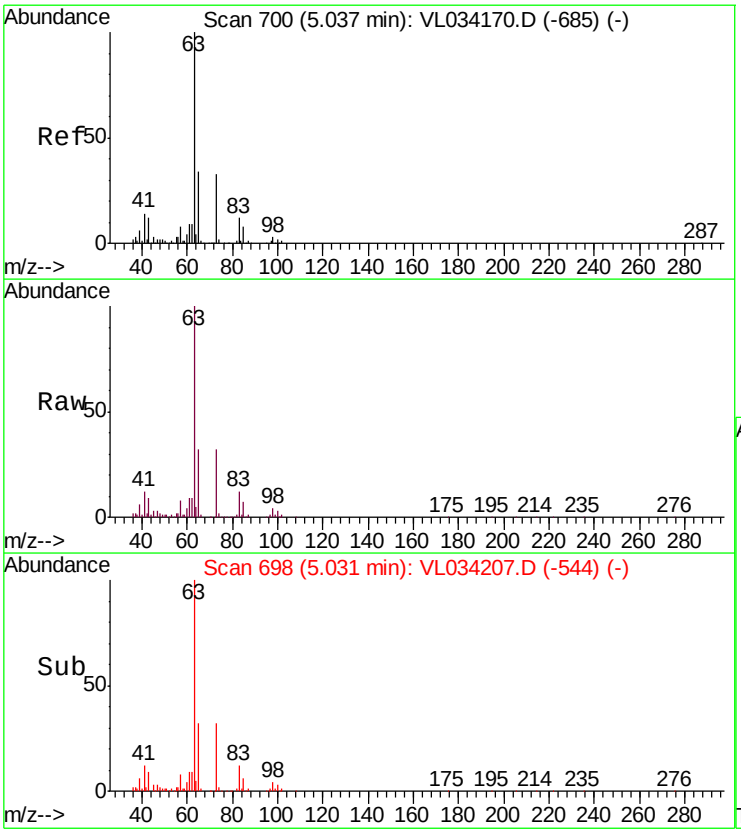
#23
Vinyl Acetate
Concen: 10.036 ppbv
RT: 5.09 min Scan# 717
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Instrument : MSVOA_L
ClientSampleId : VL1002ABS01

Tgt Ion: 43 Resp: 2158254

Ion	Ratio	Lower	Upper
43	100		
86	6.2	5.1	7.7
42	10.4	8.6	12.8
44	6.5	4.7	7.1

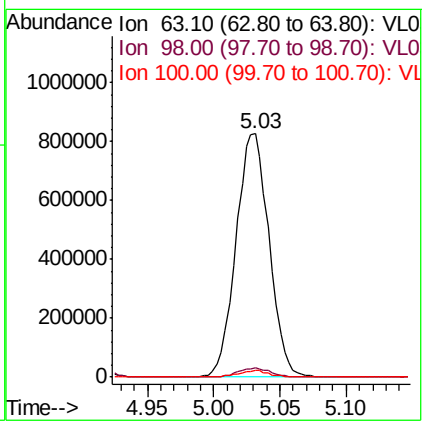


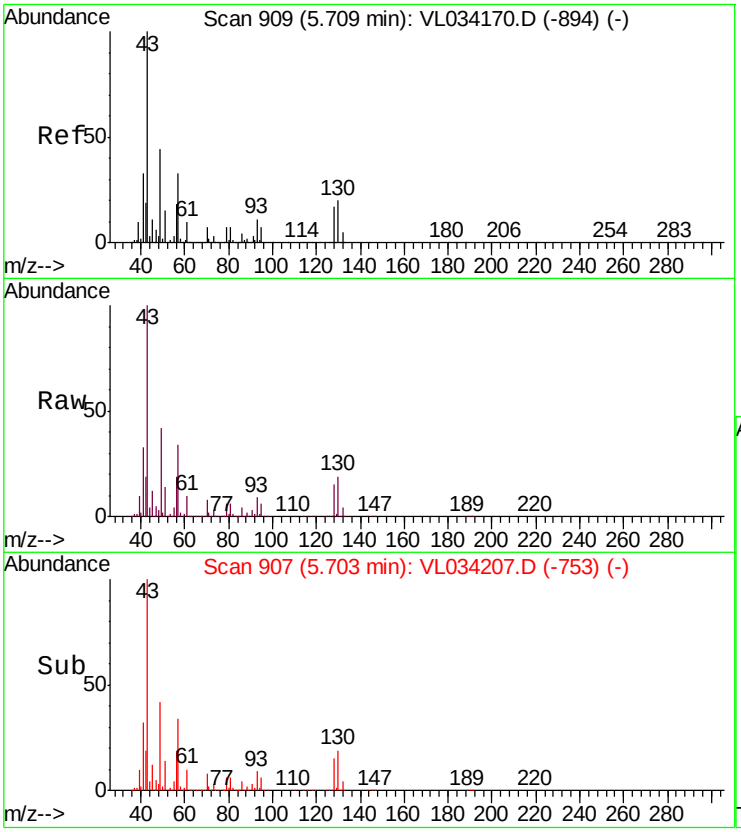


#24
1,1-Dichloroethane
Concen: 9.881 ppbv
RT: 5.03 min Scan# 698
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Tgt Ion: 63 Resp: 1430733

Ion	Ratio	Lower	Upper
63	100		
98	4.0	1.8	5.3
100	2.6	1.0	3.0



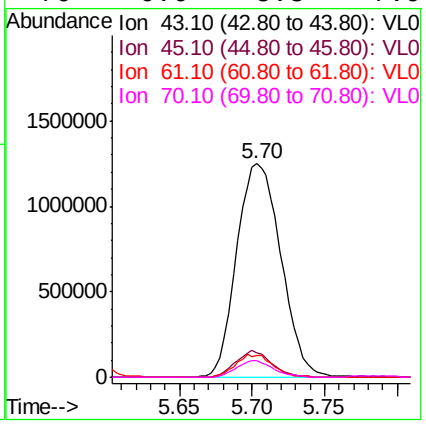


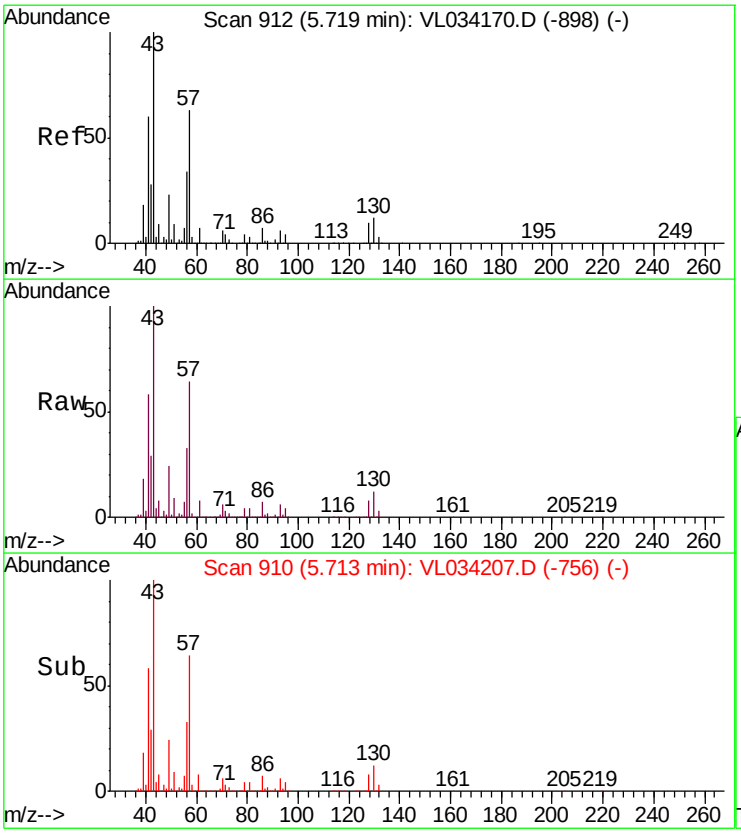
#25
Ethyl Acetate
Concen: 9.586 ppbv
RT: 5.70 min Scan# 907
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Instrument : MSVOA_L
ClientSampleId : VL1002ABS01

Tgt Ion: 43 Resp: 2645380

Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.4	12.6
61	9.2	7.2	10.8
70	6.6	5.3	7.9

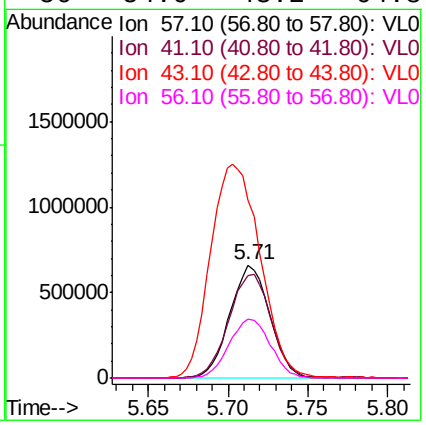


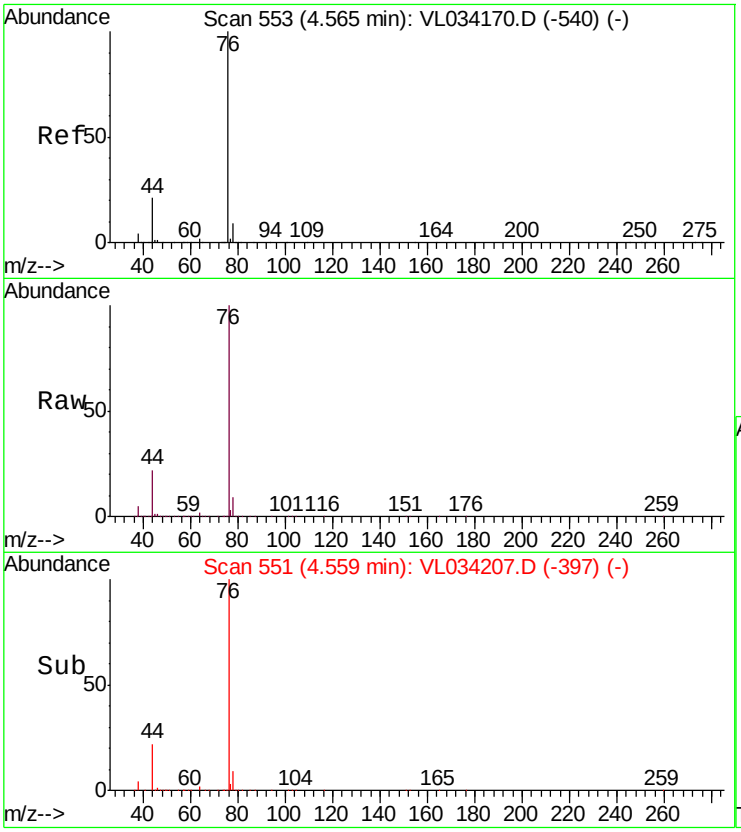


#26
Hexane
Concen: 9.760 ppbv
RT: 5.71 min Scan# 910
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Tgt Ion: 57 Resp: 1120360

Ion	Ratio	Lower	Upper
57	100		
41	98.8	78.5	117.7
43	237.1	189.5	284.3
56	54.0	43.2	64.8



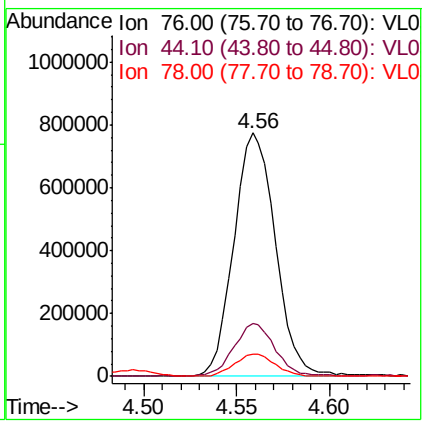


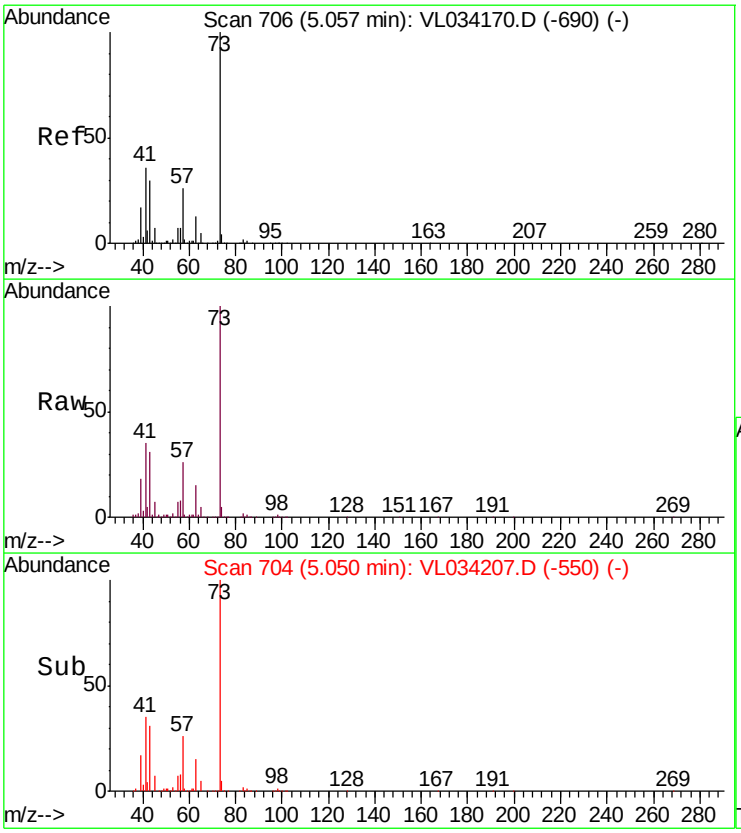
#27
Carbon Disulfide
Concen: 11.384 ppbv
RT: 4.56 min Scan# 551
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Instrument : MSVOA_L
ClientSampleId : VL1002ABS01

Tgt Ion: 76 Resp: 1205229

Ion	Ratio	Lower	Upper
76	100		
44	21.0	17.6	26.4
78	9.0	7.6	11.4

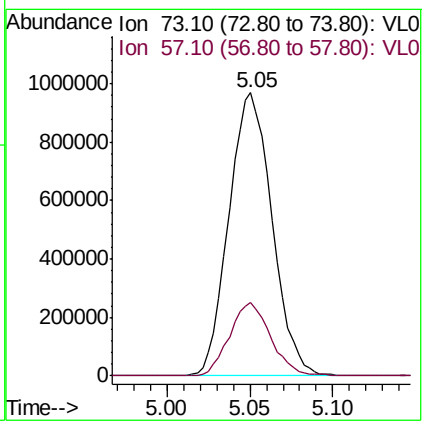


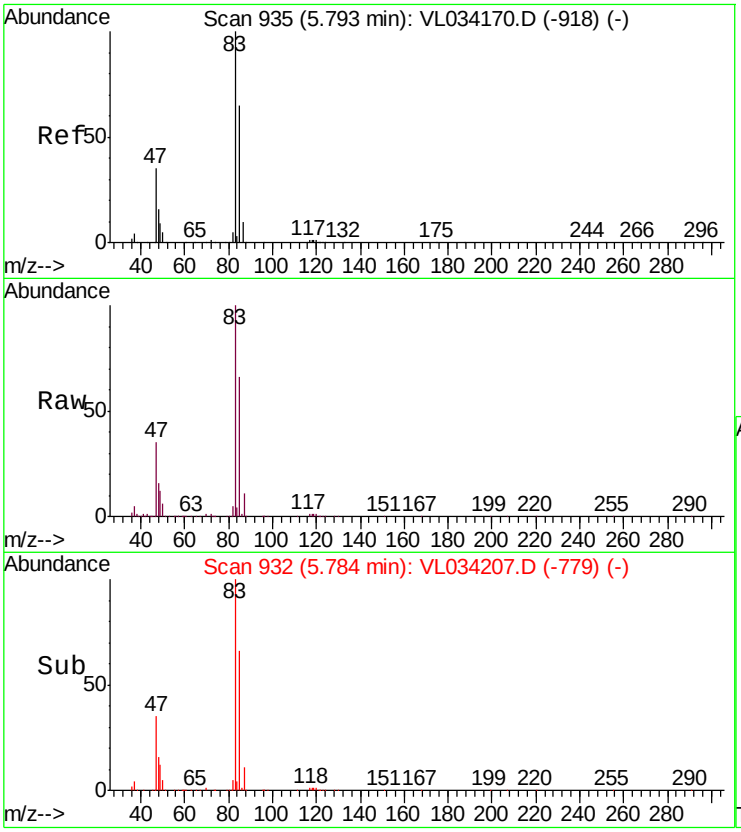


#28
Methyl tert-Butyl Ether
Concen: 10.240 ppbv
RT: 5.05 min Scan# 704
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Tgt Ion: 73 Resp: 1745836

Ion	Ratio	Lower	Upper
73	100		
57	25.0	20.2	30.2



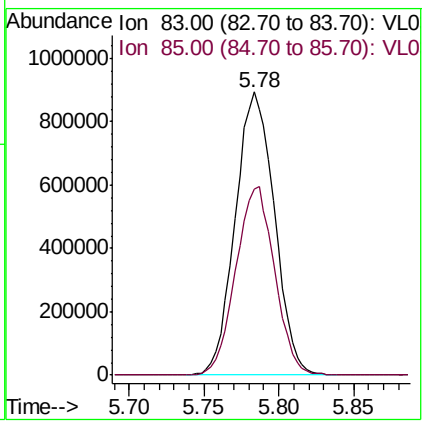


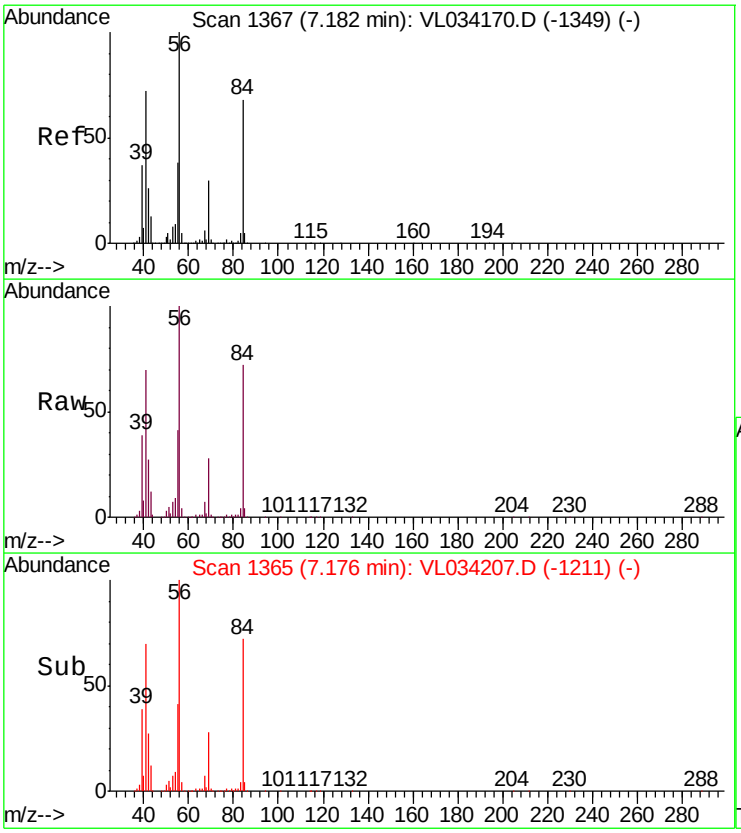
#29
Chloroform
Concen: 9.939 ppbv
RT: 5.78 min Scan# 932
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Instrument :
MSVOA_L
ClientSampleId :
VL1002ABS01

Tgt Ion: 83 Resp: 1630307

Ion	Ratio	Lower	Upper
83	100		
85	65.9	52.3	78.5

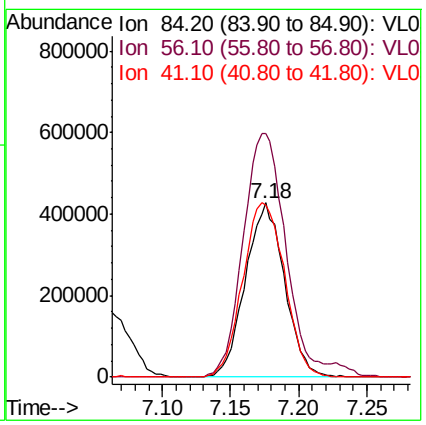


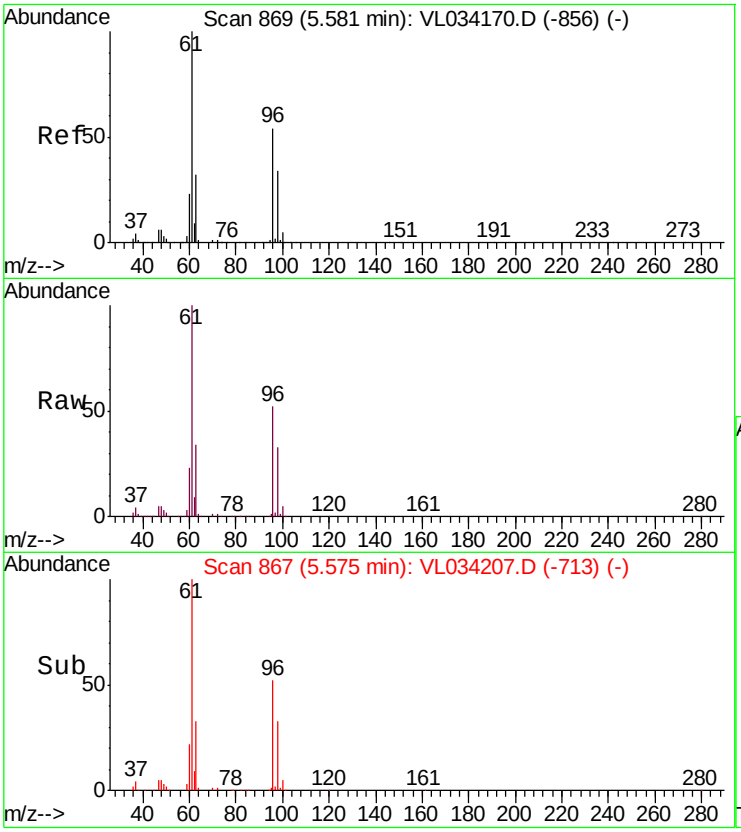


#30
Cyclohexane
Concen: 10.264 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Tgt Ion: 84 Resp: 850600

Ion	Ratio	Lower	Upper
84	100		
56	156.2	126.2	189.2
41	107.2	85.8	128.8



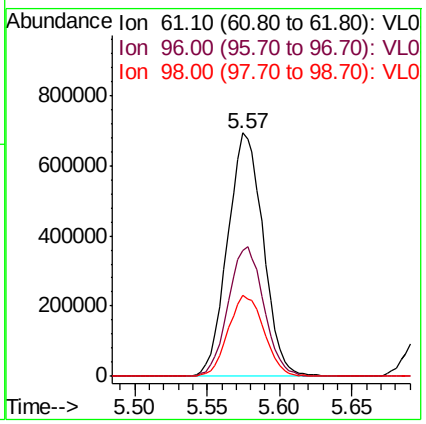


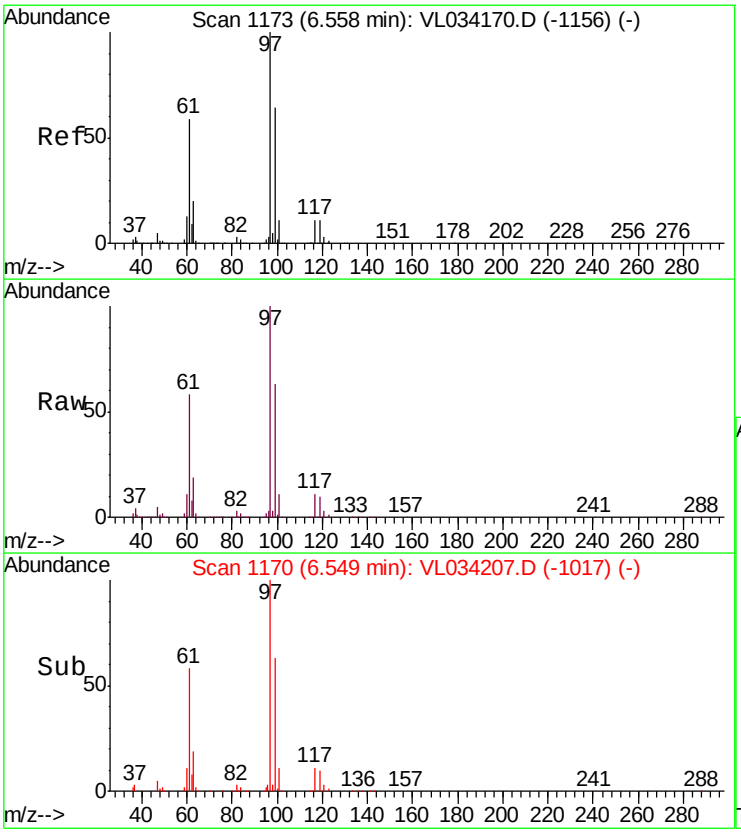
#31
cis-1,2-Dichloroethene
Concen: 10.080 ppbv
RT: 5.57 min Scan# 867
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Instrument :
MSVOA_L
ClientSampleId :
VL1002ABS01

Tgt Ion: 61 Resp: 1179564

Ion	Ratio	Lower	Upper
61	100		
96	51.9	43.0	64.4
98	33.4	27.2	40.8

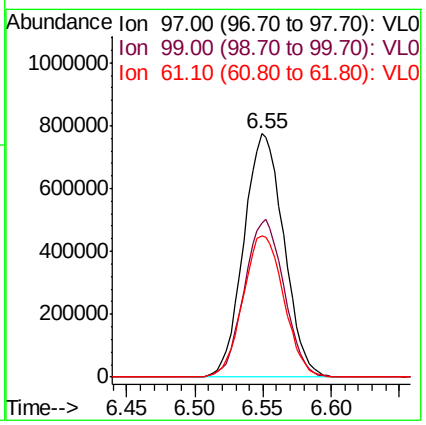


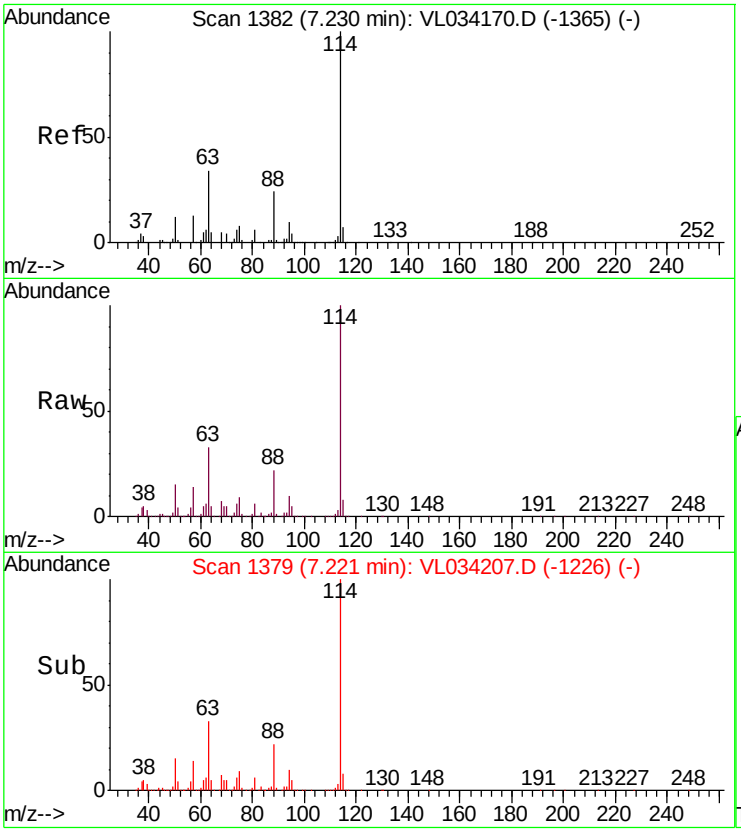


#32
1,1,1-Trichloroethane
Concen: 10.003 ppbv
RT: 6.55 min Scan# 1170
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Tgt Ion: 97 Resp: 1582375

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.2
61	59.1	48.4	72.6



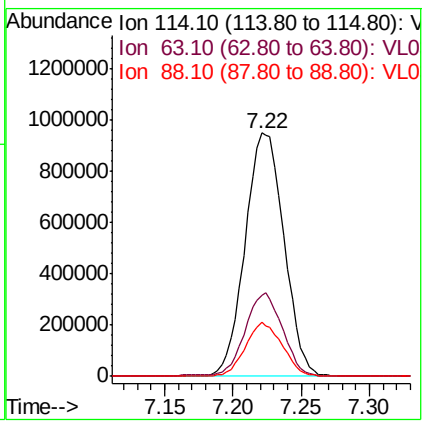


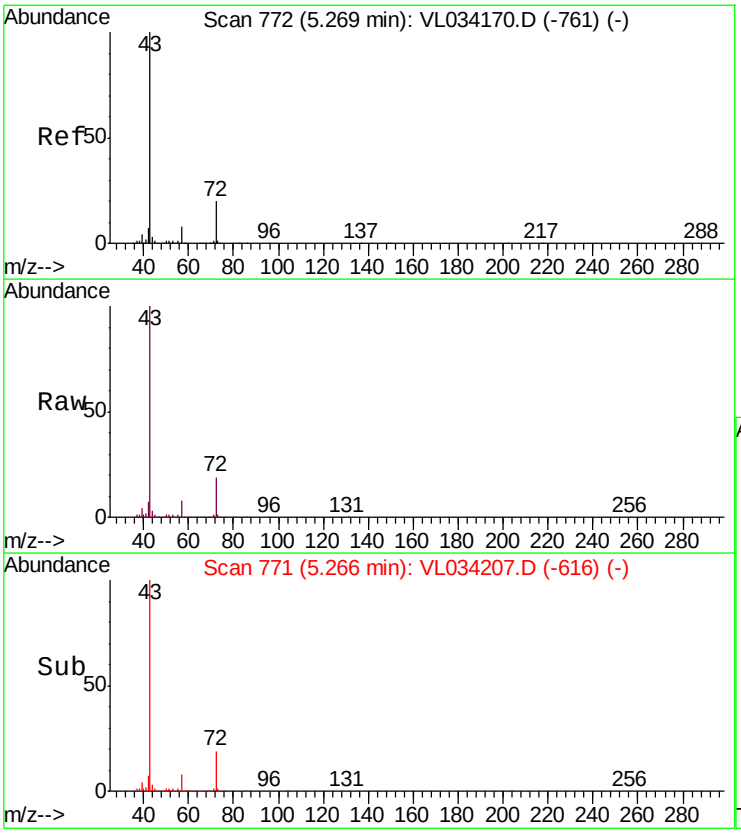
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.22 min Scan# 1379
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Instrument :
MSVOA_L
ClientSampleId :
VL1002ABS01

Tgt Ion:114 Resp: 1879563

Ion	Ratio	Lower	Upper
114	100		
63	33.5	27.8	41.6
88	21.0	17.1	25.7

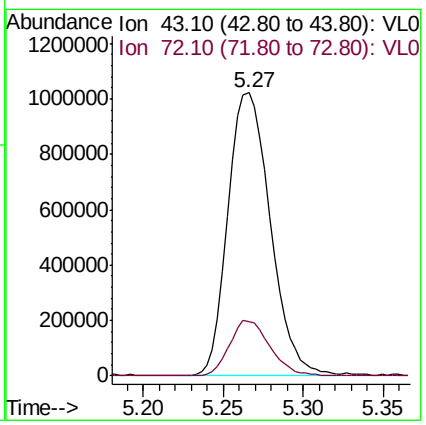


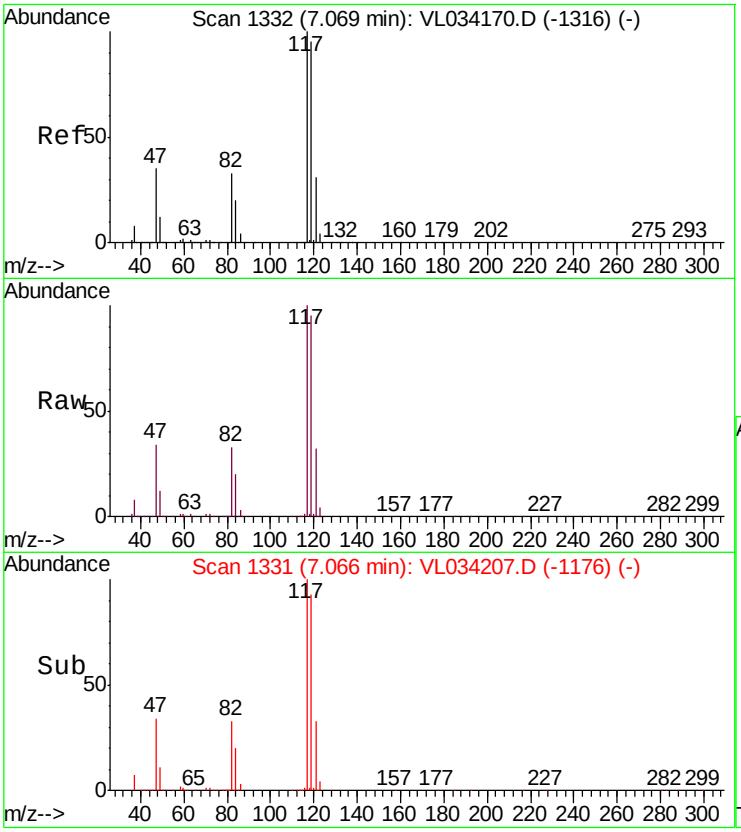


#34
2-Butanone
Concen: 9.585 ppbv
RT: 5.27 min Scan# 771
Delta R.T. -0.00 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Tgt Ion: 43 Resp: 1839533

Ion	Ratio	Lower	Upper
43	100		
72	18.9	15.0	22.6



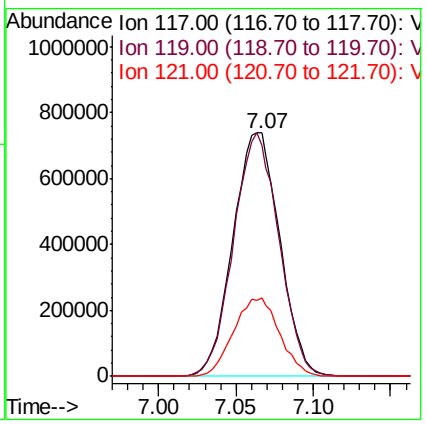


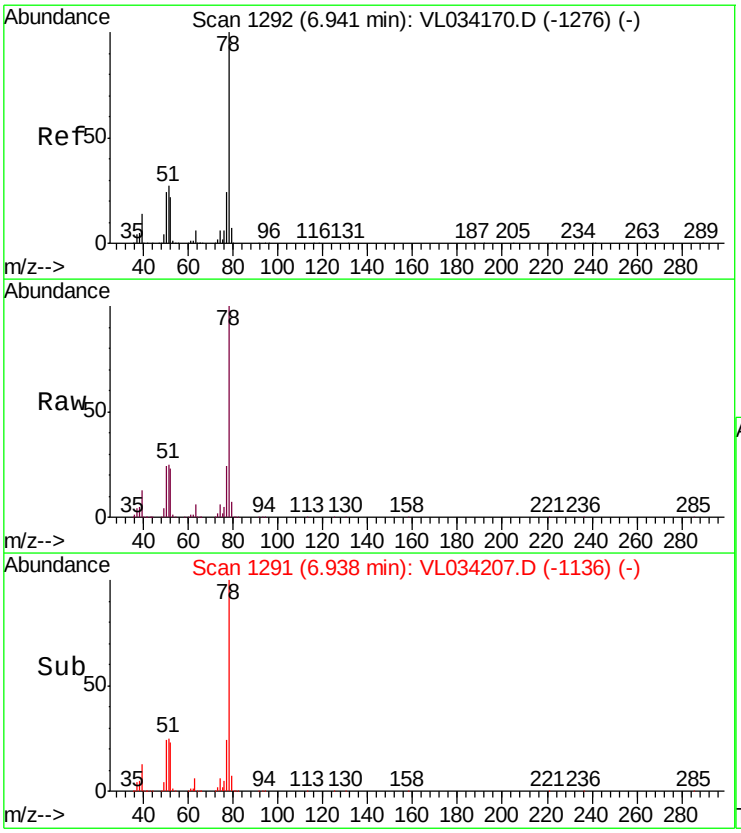
#35
Carbon Tetrachloride
Concen: 9.924 ppbv
RT: 7.07 min Scan# 1331
Delta R.T. -0.00 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Instrument :
MSVOA_L
ClientSampleId :
VL1002ABS01

Tgt Ion:117 Resp: 1549626

Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.8	113.6
121	32.3	25.0	37.6

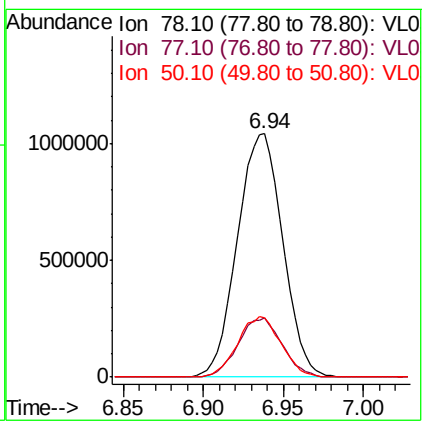


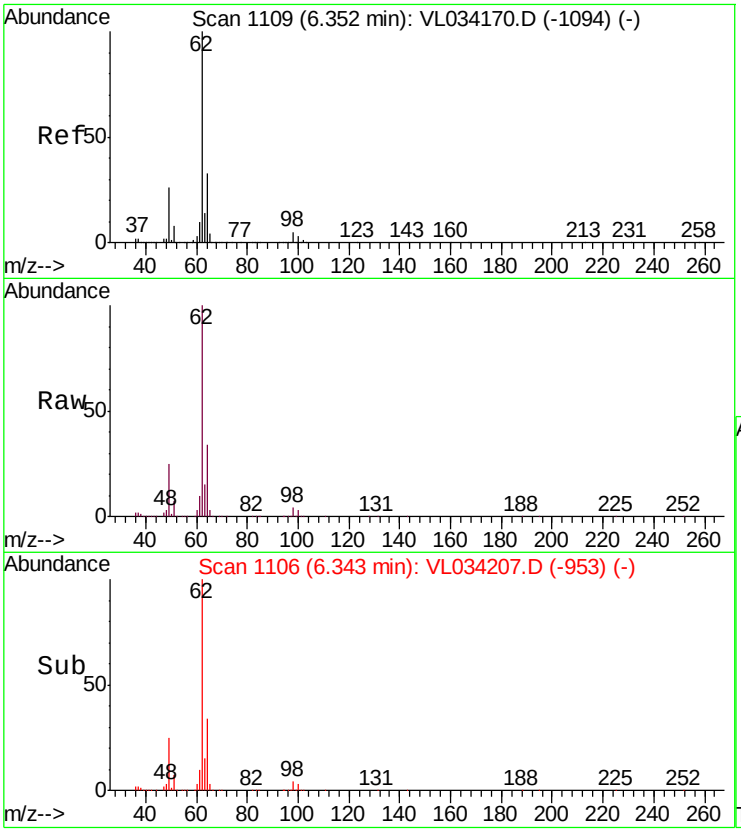


#36
Benzene
Concen: 9.720 ppbv
RT: 6.94 min Scan# 1291
Delta R.T. -0.00 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Tgt Ion: 78 Resp: 2017689

Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.0	28.4
50	24.4	18.9	28.3



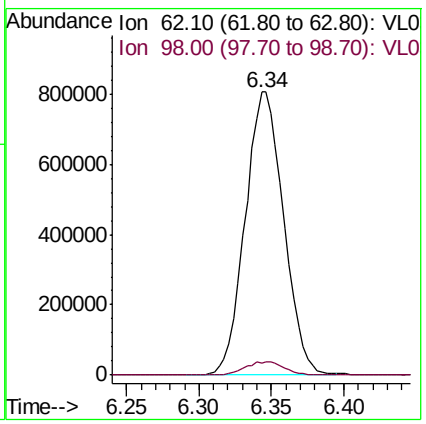


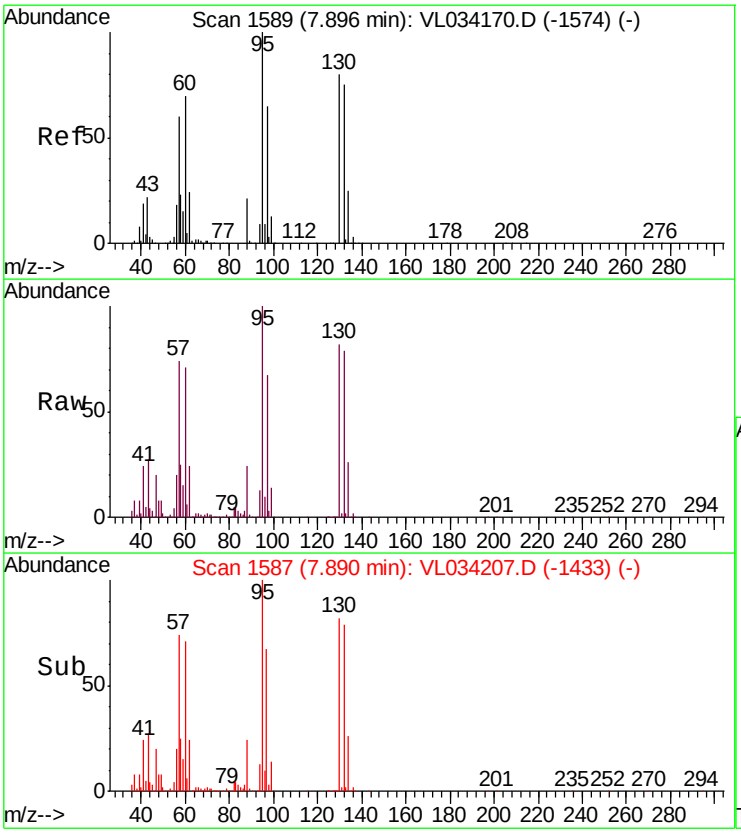
#37
1,2-Dichloroethane
Concen: 10.065 ppbv
RT: 6.34 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Instrument : MSVOA_L
ClientSampleId : VL1002ABS01

Tgt Ion: 62 Resp: 1486154

Ion	Ratio	Lower	Upper
62	100		
98	4.7	3.8	5.8

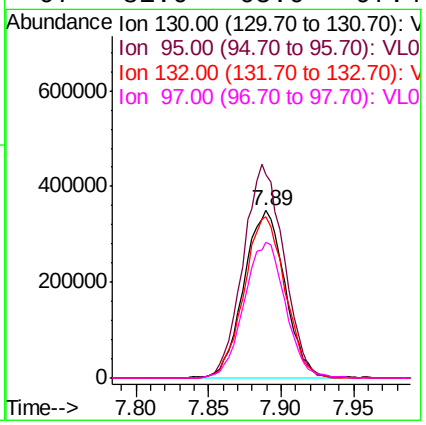


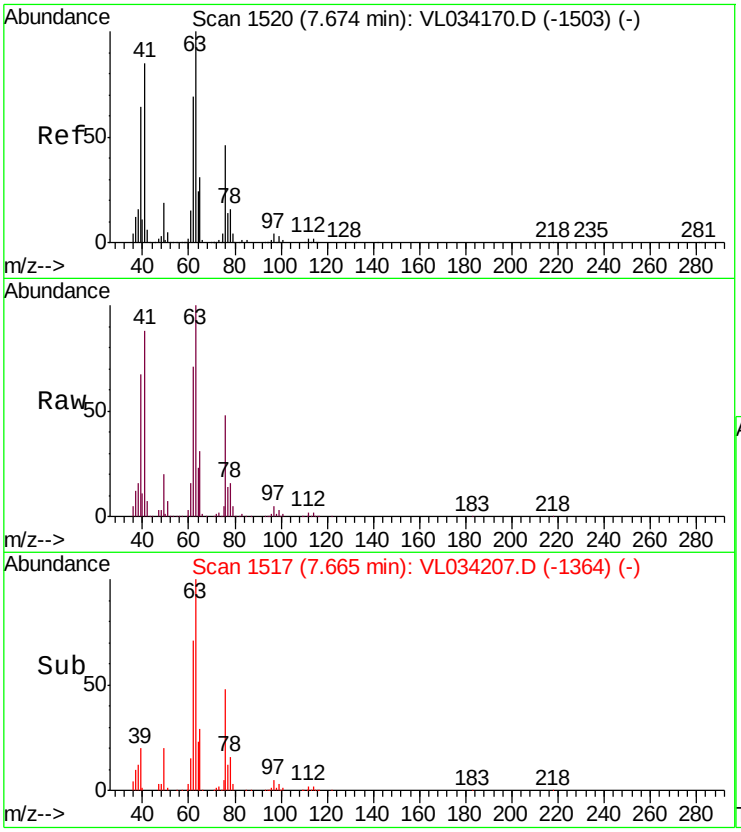


#38
Trichloroethene
Concen: 9.254 ppbv
RT: 7.89 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Tgt Ion:130 Resp: 686412

Ion	Ratio	Lower	Upper
130	100		
95	121.6	99.8	149.6
132	96.2	75.2	112.8
97	81.0	65.0	97.4



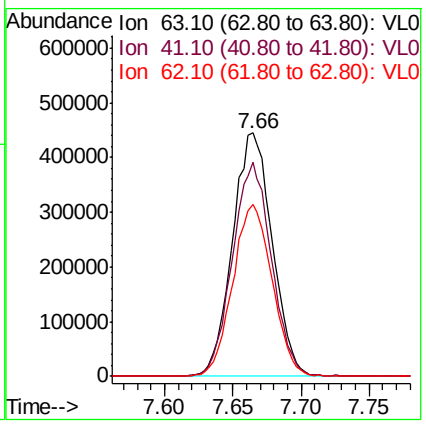


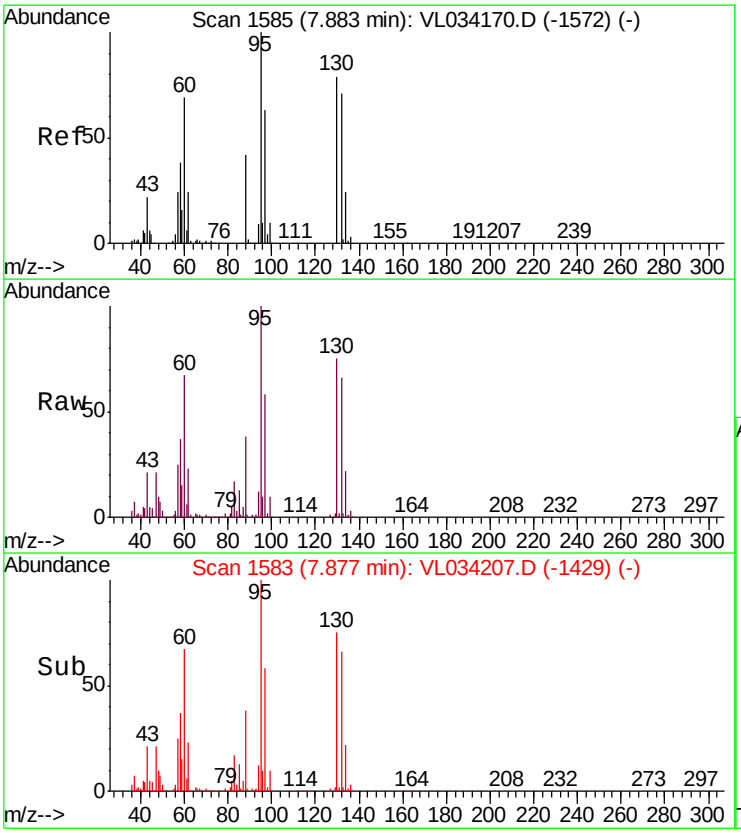
#39
1,2-Dichloropropane
Concen: 9.612 ppbv
RT: 7.66 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Instrument : MSVOA_L
ClientSampleId : VL1002ABS01

Tgt Ion: 63 Resp: 896523

Ion	Ratio	Lower	Upper
63	100		
41	87.6	68.4	102.6
62	70.8	55.4	83.2

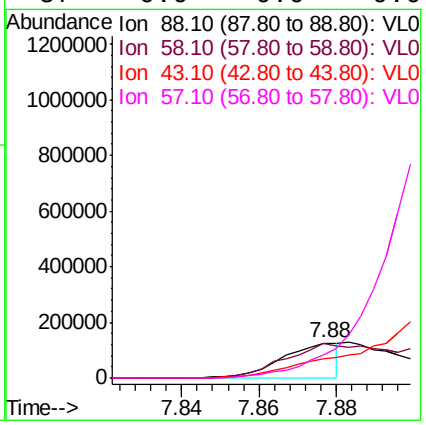


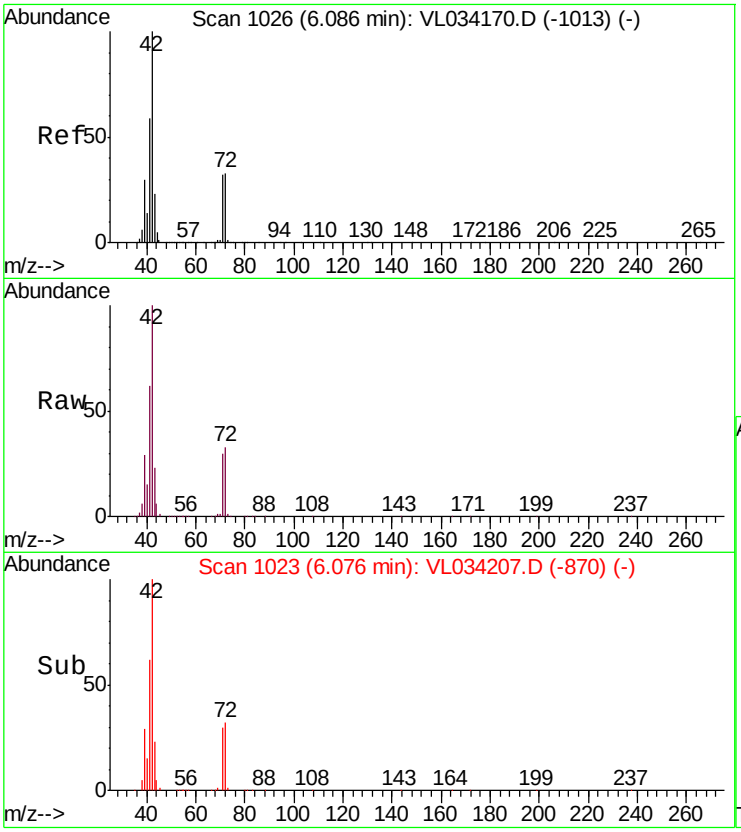


#40
1,4-Dioxane
Concen: 4.221 ppbv
RT: 7.88 min Scan# 1583
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Tgt Ion: 88 Resp: 127414

Ion	Ratio	Lower	Upper
88	100		
58	357.8	131.8	197.6#
43	0.0	0.0	0.0
57	0.0	0.0	0.0



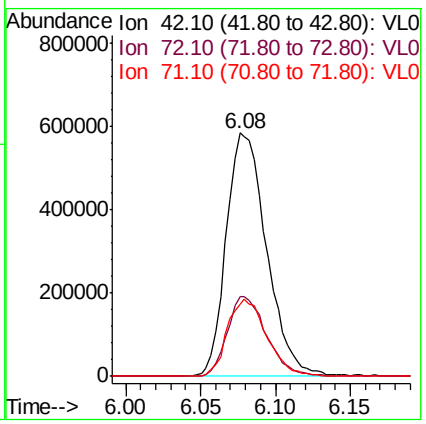


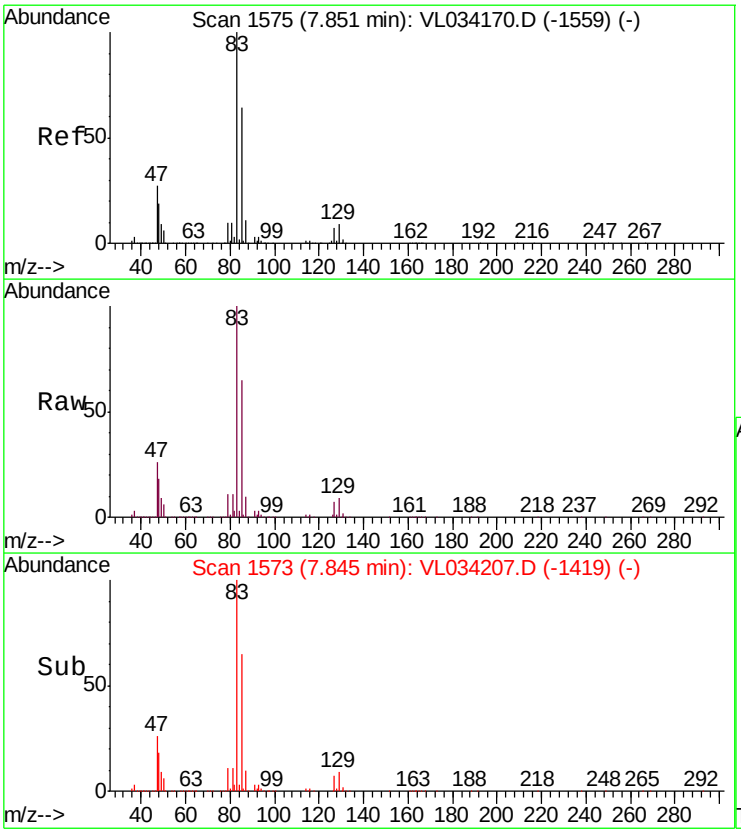
#41
Tetrahydrofuran
Concen: 10.139 ppbv
RT: 6.08 min Scan# 1023
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Instrument : MSVOA_L
ClientSampleId : VL1002ABS01

Tgt Ion: 42 Resp: 1095890

Ion	Ratio	Lower	Upper
42	100		
72	31.8	26.6	40.0
71	31.2	25.1	37.7

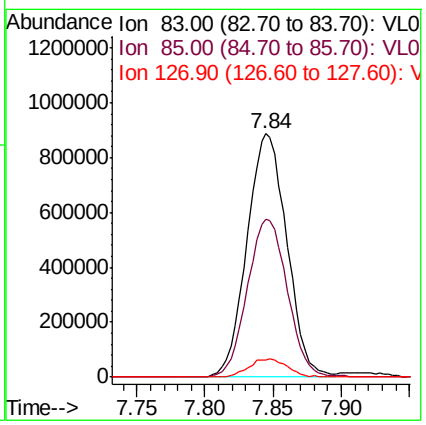


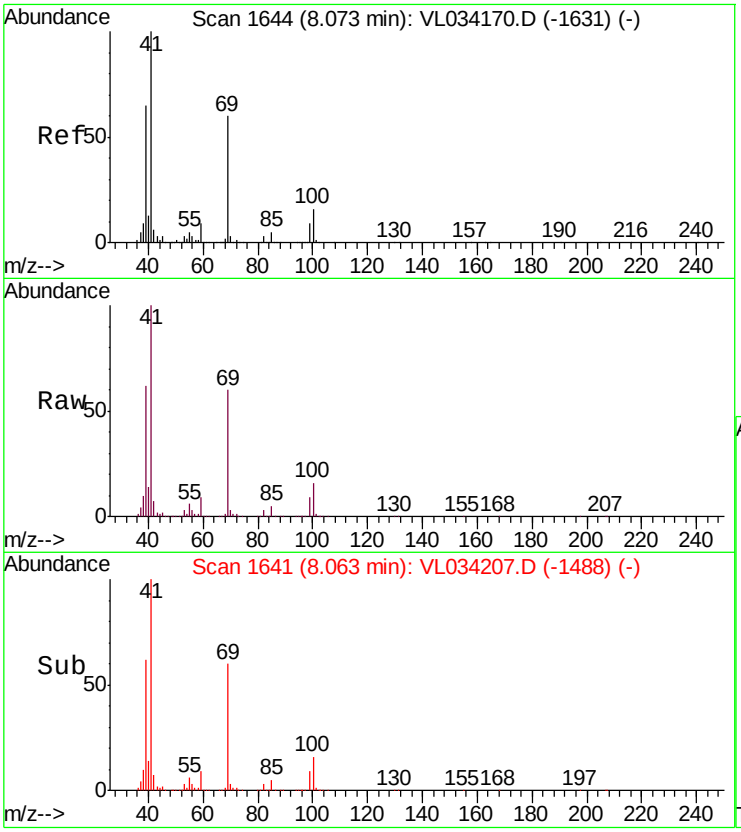


#42
Bromodichloromethane
Concen: 10.162 ppbv
RT: 7.84 min Scan# 1573
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Tgt Ion: 83 Resp: 1800615

Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.4	77.0
127	7.2	5.5	8.3



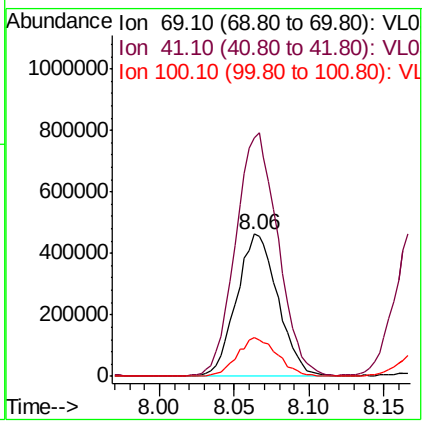


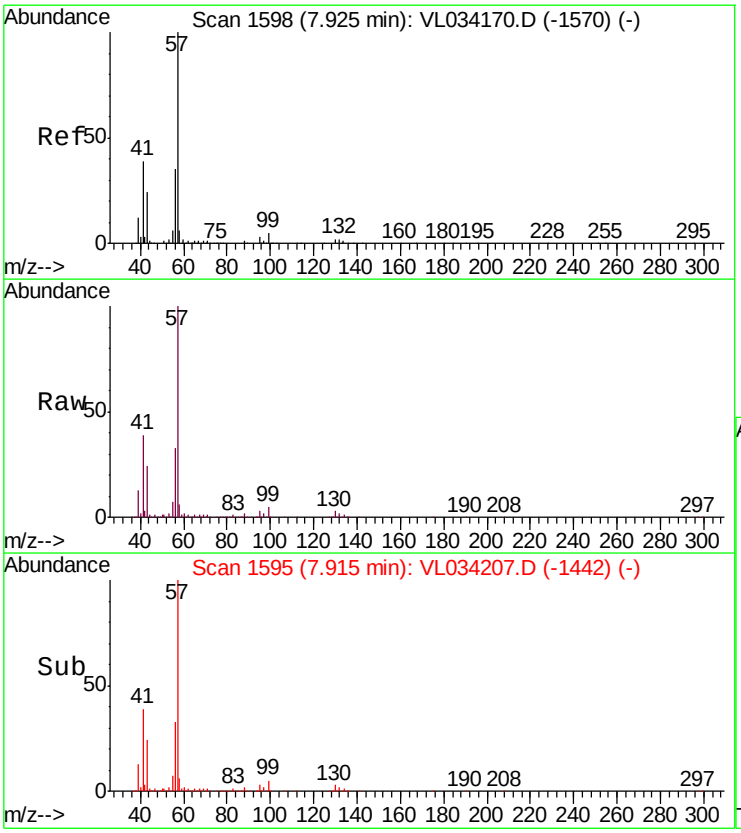
#43
Methyl Methacrylate
Concen: 10.411 ppbv
RT: 8.06 min Scan# 1641
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Instrument :
MSVOA_L
ClientSampleId :
VL1002ABS01

Tgt Ion: 69 Resp: 892786

Ion	Ratio	Lower	Upper
69	100		
41	175.1	140.4	210.6
100	26.5	21.9	32.9

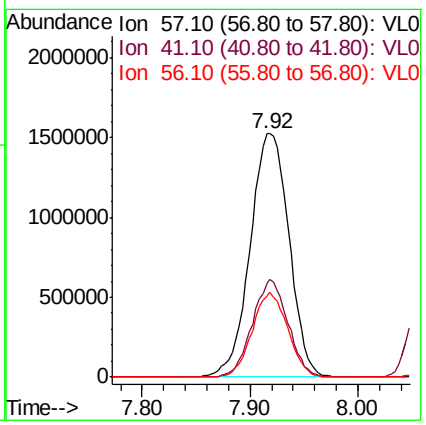


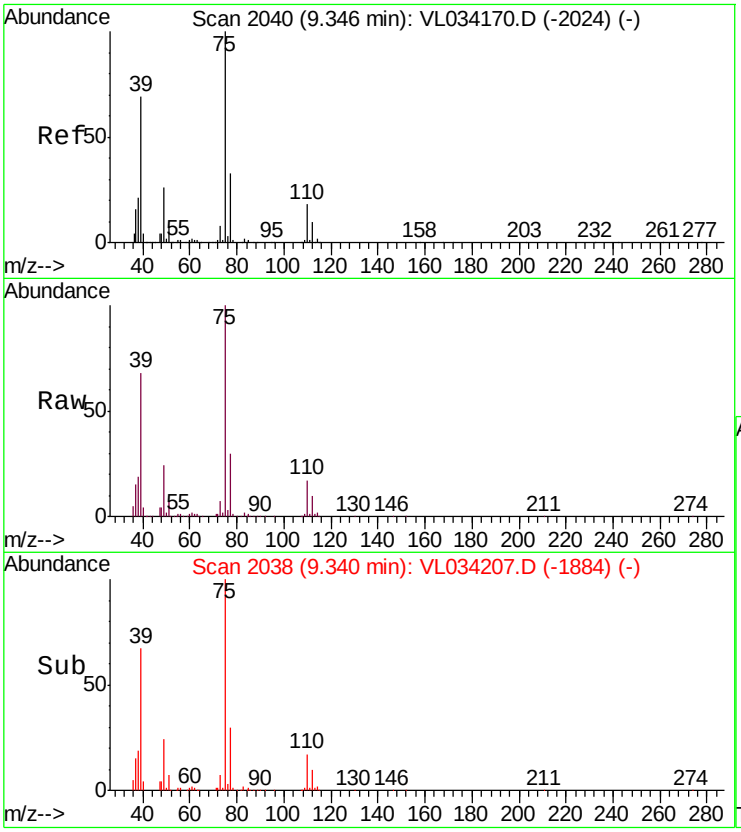


#44
2,2,4-Trimethylpentane
Concen: 9.521 ppbv
RT: 7.92 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Tgt Ion: 57 Resp: 3804795

Ion	Ratio	Lower	Upper
57	100		
41	36.8	29.8	44.6
56	32.0	25.9	38.9



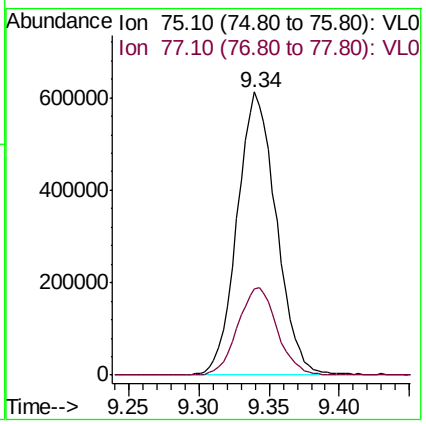


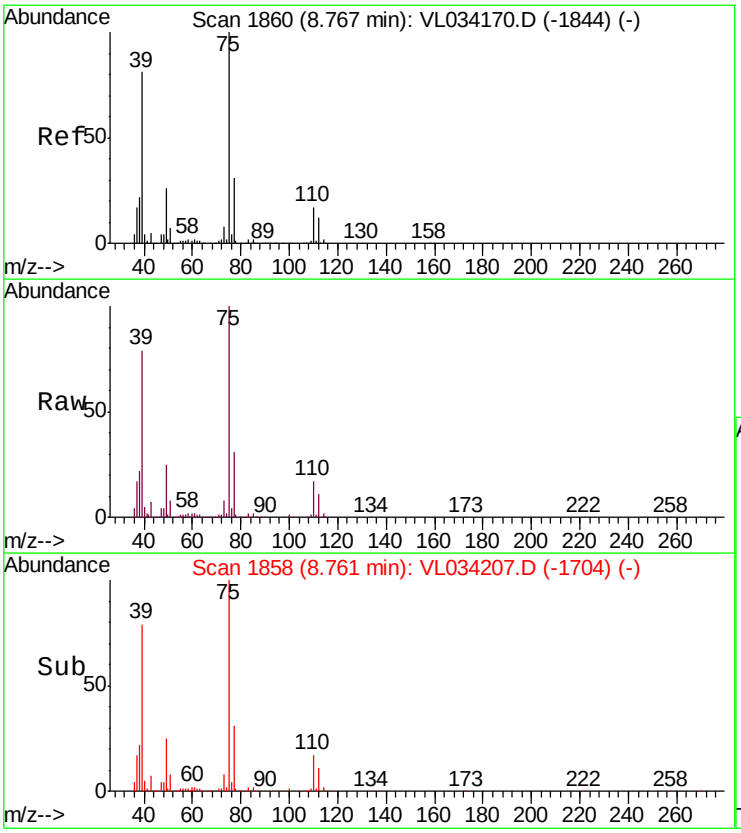
#45
t-1,3-Dichloropropene
Concen: 11.718 ppbv
RT: 9.34 min Scan# 2038
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Instrument :
MSVOA_L
ClientSampleId :
VL1002ABS01

Tgt Ion: 75 Resp: 1188092

Ion	Ratio	Lower	Upper
75	100		
77	30.3	26.2	39.2

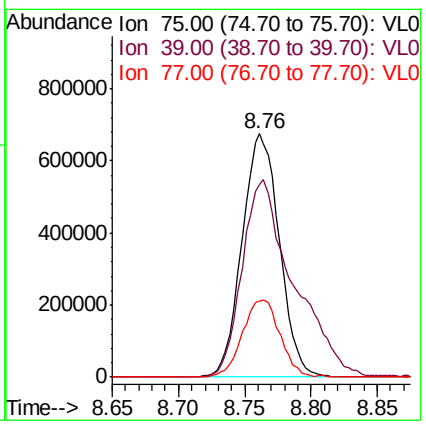


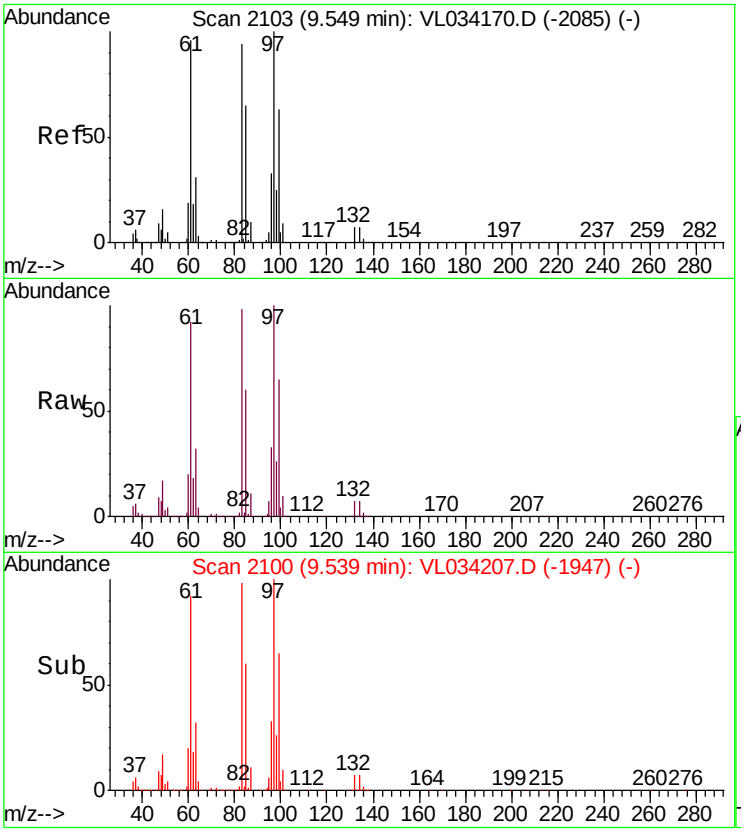


#46
cis-1,3-Dichloropropene
Concen: 10.856 ppbv
RT: 8.76 min Scan# 1858
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Tgt Ion: 75 Resp: 1324078

Ion	Ratio	Lower	Upper
75	100		
39	79.1	65.0	97.4
77	31.2	24.5	36.7



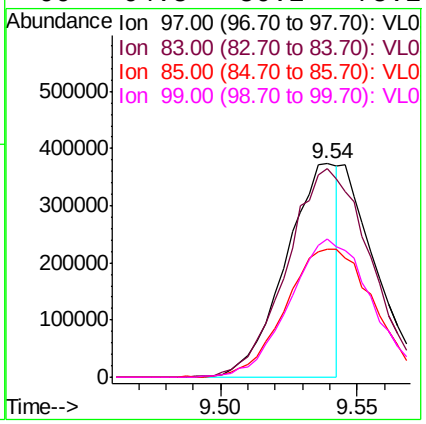


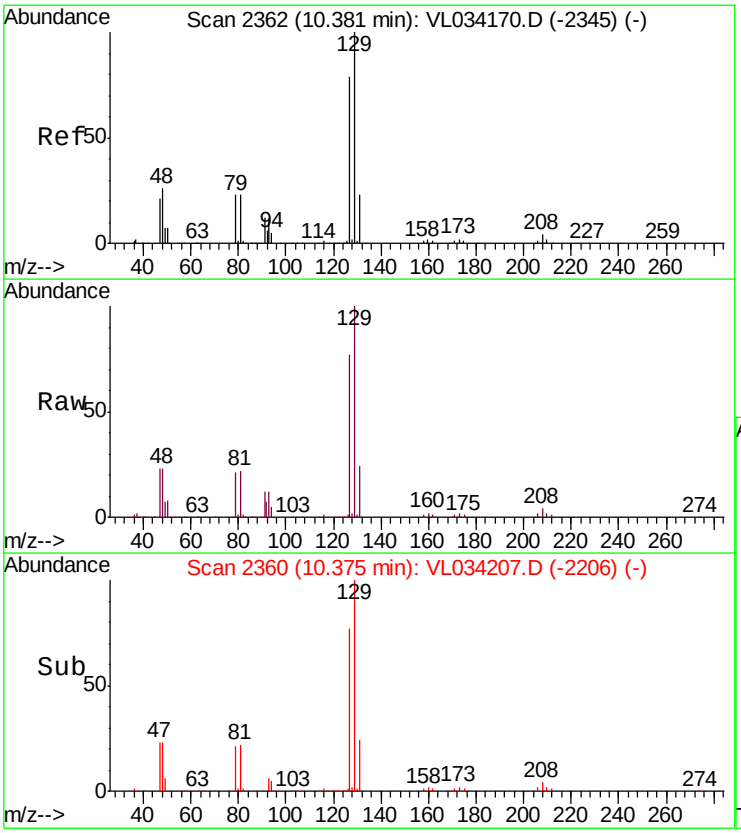
#47
1,1,2-Trichloroethane
Concen: 5.899 ppbv
RT: 9.54 min Scan# 2100
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Instrument : MSVOA_L
ClientSampleId : VL1002ABS01

Tgt Ion: 97 Resp: 494043

Ion	Ratio	Lower	Upper
97	100		
83	97.7	75.3	112.9
85	59.8	52.1	78.1
99	64.5	50.2	75.2

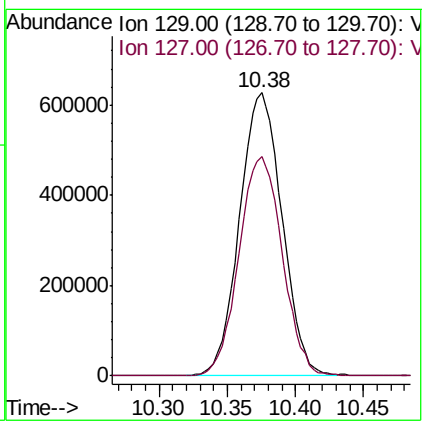


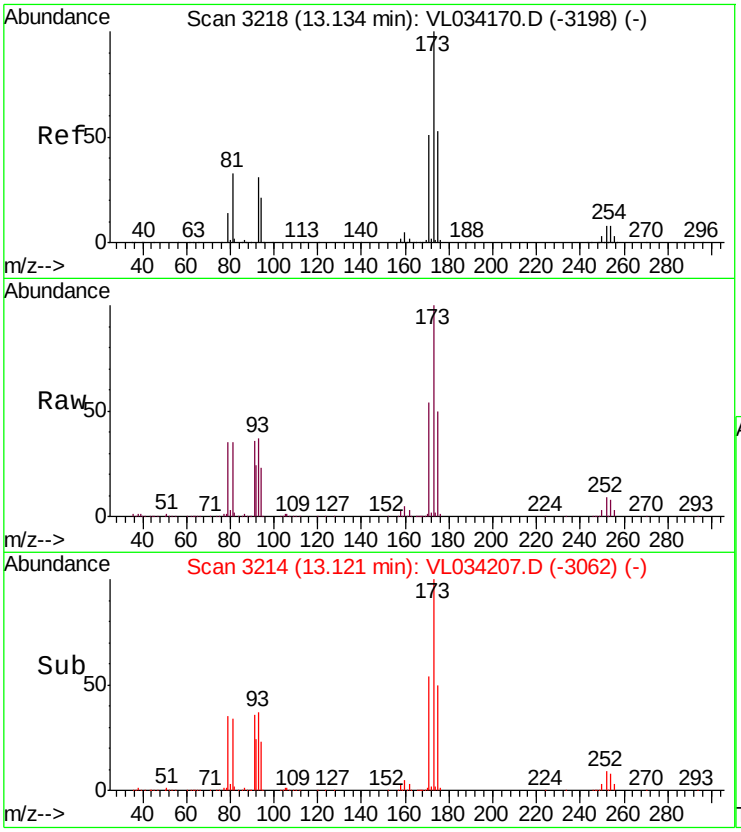


#48
Dibromochloromethane
Concen: 10.209 ppbv
RT: 10.38 min Scan# 2360
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Tgt Ion:129 Resp: 1355140

Ion	Ratio	Lower	Upper
129	100		
127	79.2	39.2	117.6



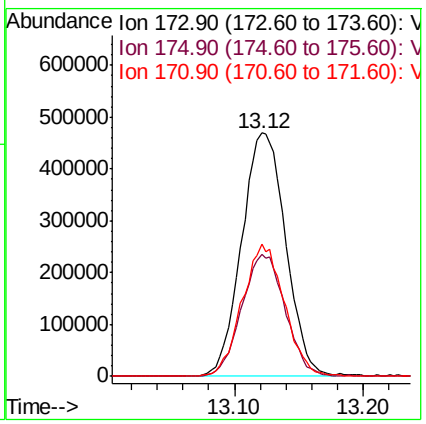


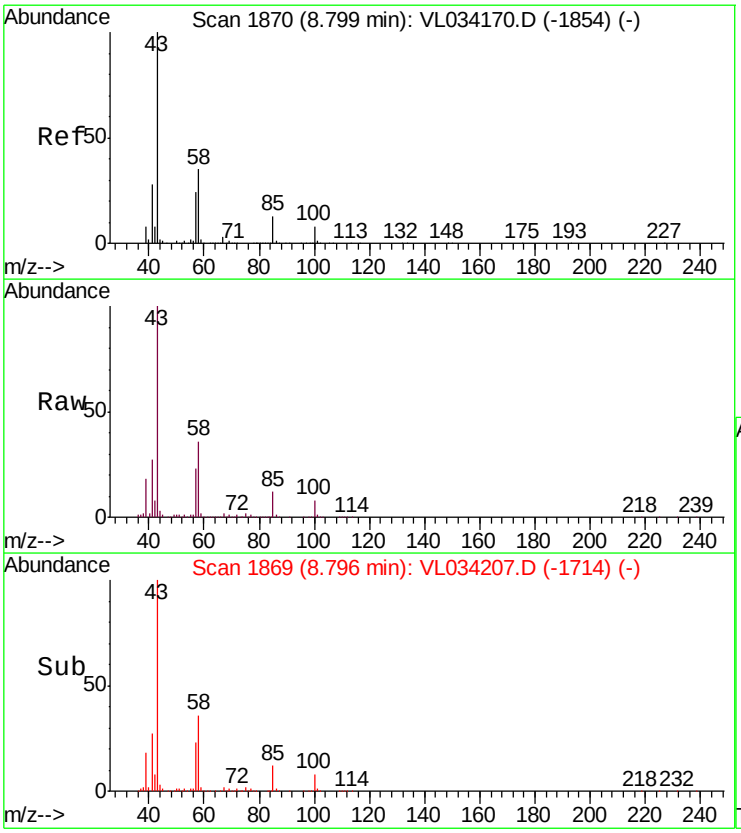
#49
Bromoform
Concen: 10.375 ppbv
RT: 13.12 min Scan# 3214
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Instrument : MSVOA_L
ClientSampleId : VL1002ABS01

Tgt Ion:173 Resp: 1114540

Ion	Ratio	Lower	Upper
173	100		
175	49.4	40.3	60.5
171	52.4	42.0	63.0

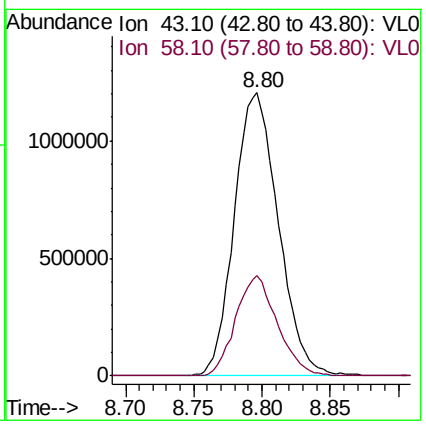


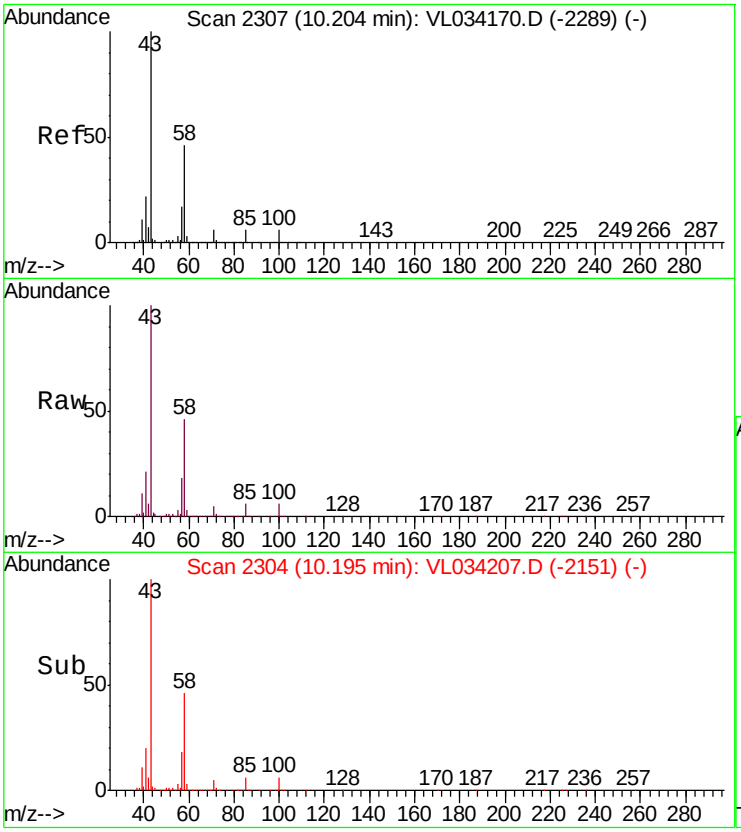


#50
4-Methyl-2-Pentanone
Concen: 9.645 ppbv
RT: 8.80 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Tgt Ion: 43 Resp: 2693828

Ion	Ratio	Lower	Upper
43	100		
58	33.8	27.6	41.4



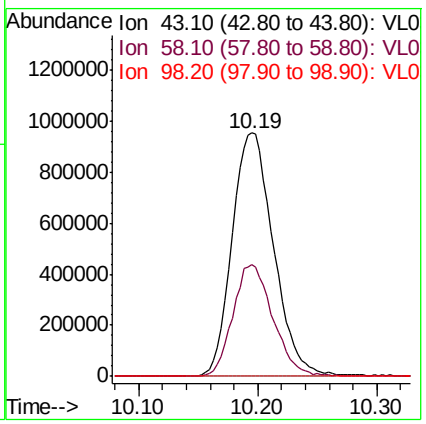


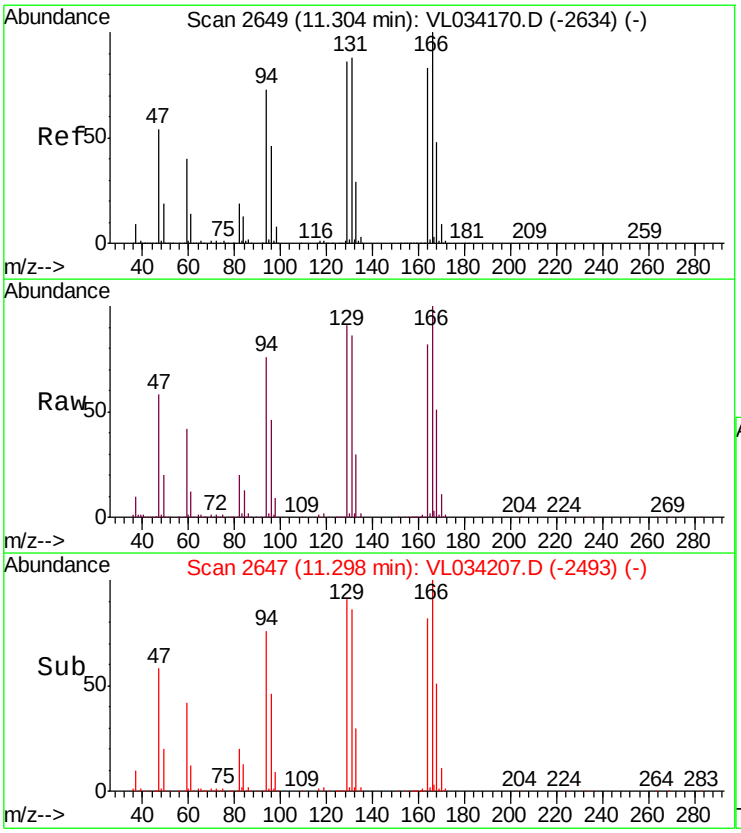
#51
2-Hexanone
Concen: 9.797 ppbv
RT: 10.19 min Scan# 2304
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Instrument : MSVOA_L
ClientSampleId : VL1002ABS01

Tgt Ion: 43 Resp: 2296340

Ion	Ratio	Lower	Upper
43	100		
58	44.5	36.2	54.4
98	0.1	0.2	0.2#

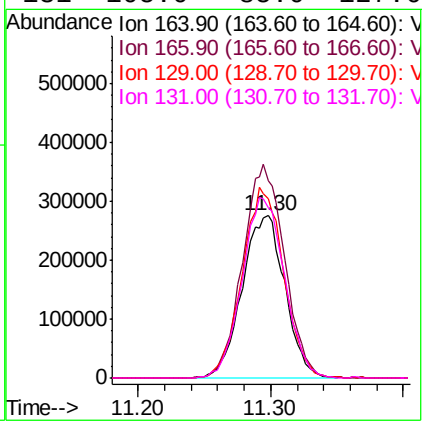


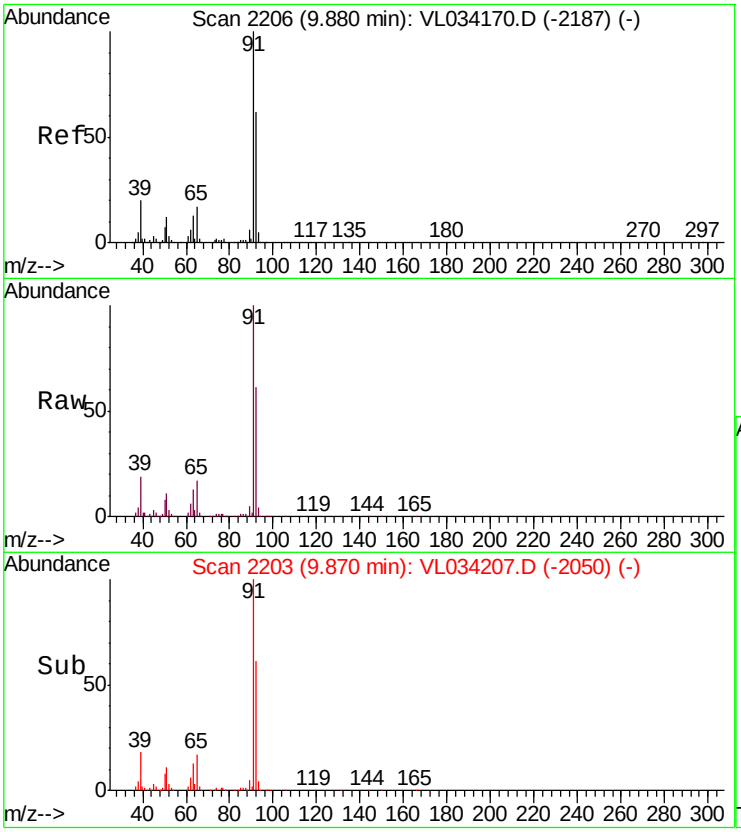


#52
Tetrachloroethene
Concen: 9.018 ppbv
RT: 11.30 min Scan# 2647
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Tgt Ion:164 Resp: 618502

Ion	Ratio	Lower	Upper
164	100		
166	121.8	96.7	145.1
129	110.2	82.8	124.2
131	105.0	85.0	127.6



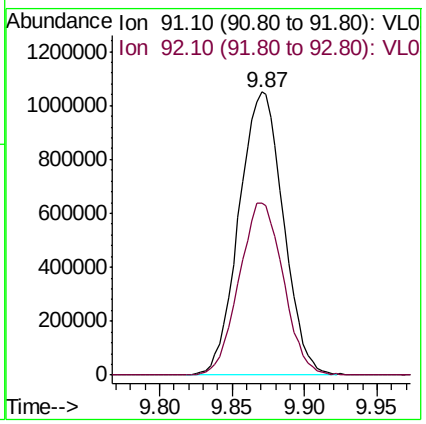


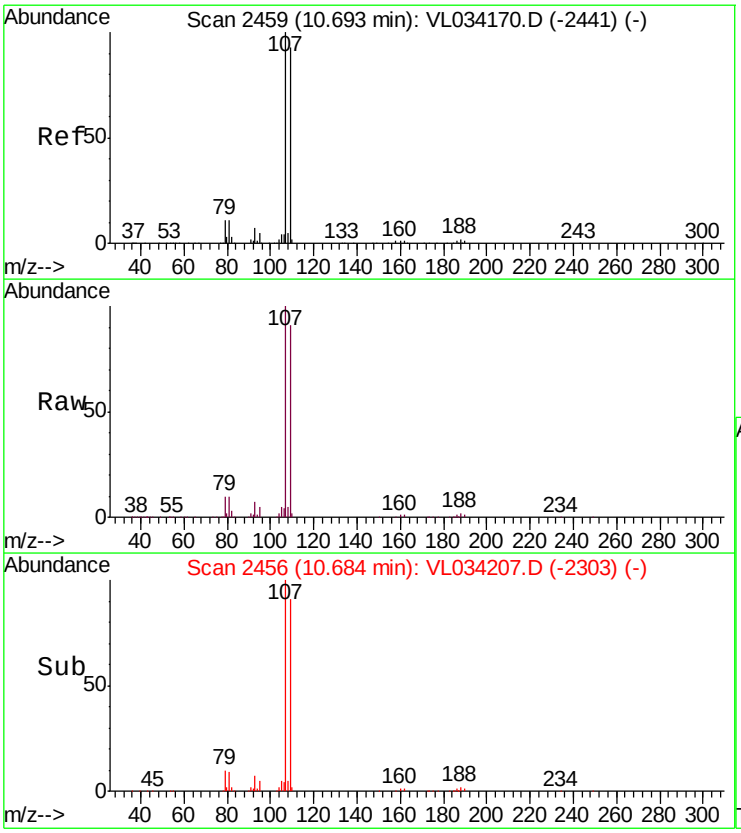
#53
Toluene
Concen: 9.839 ppbv
RT: 9.87 min Scan# 2203
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Instrument : MSVOA_L
ClientSampleId : VL1002ABS01

Tgt Ion: 91 Resp: 2232139

Ion	Ratio	Lower	Upper
91	100		
92	60.9	49.0	73.6

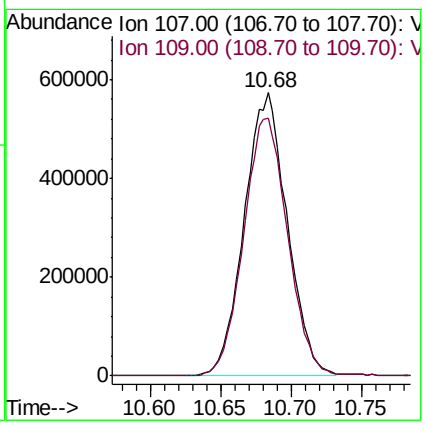


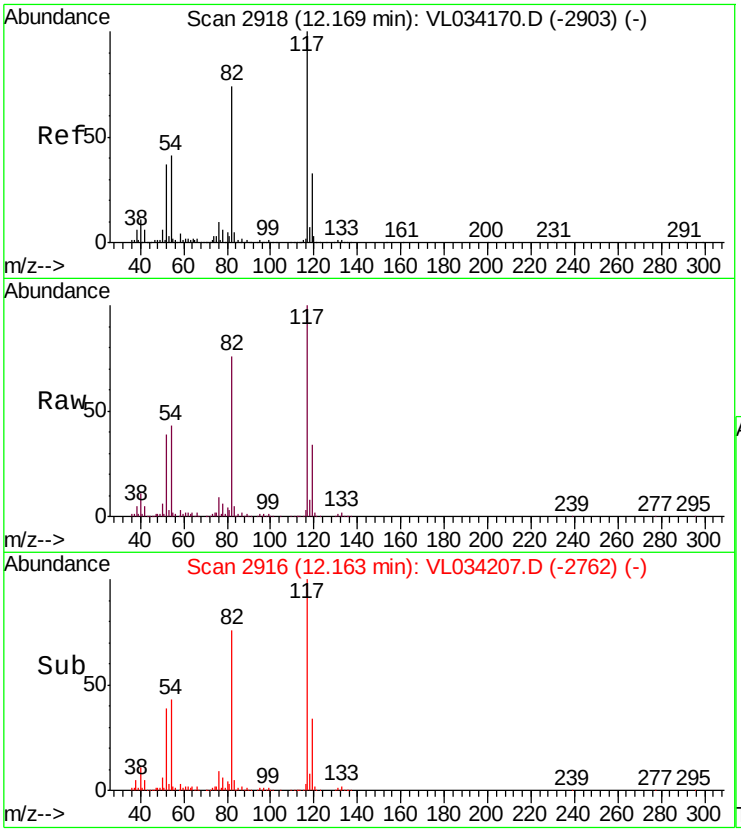


#54
1,2-Dibromoethane
Concen: 9.795 ppbv
RT: 10.68 min Scan# 2456
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Tgt Ion:107 Resp: 1219981

Ion	Ratio	Lower	Upper
107	100		
109	90.8	74.5	111.7



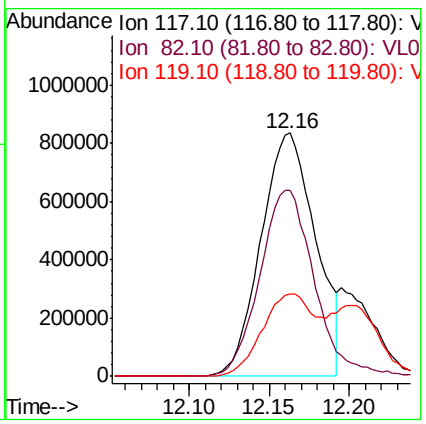


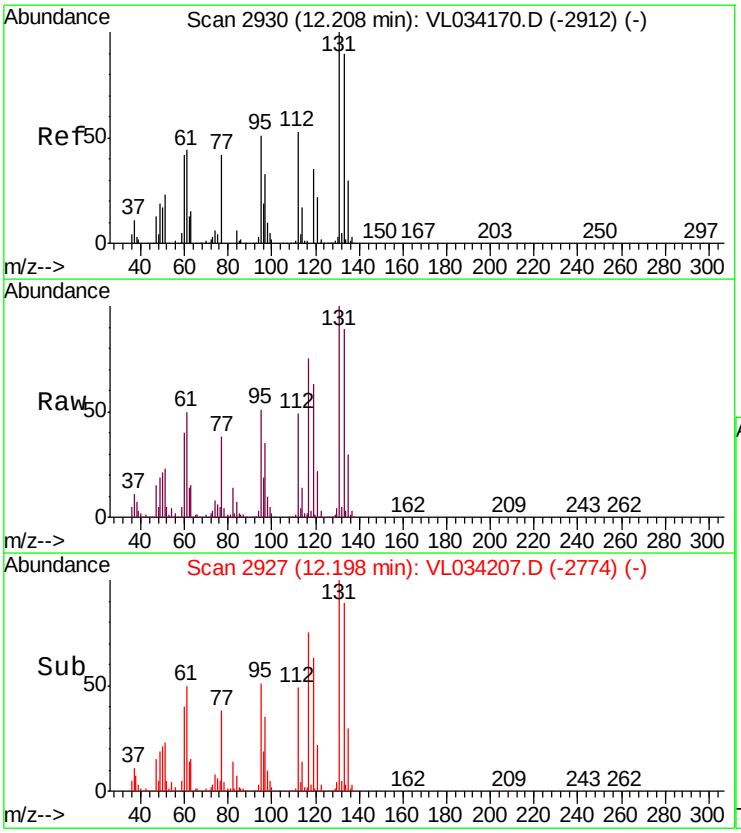
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.16 min Scan# 2916
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Instrument : MSVOA_L
ClientSampleId : VL1002ABS01

Tgt Ion:117 Resp: 1981469

Ion	Ratio	Lower	Upper
117	100		
82	76.7	58.2	87.4
119	34.2	23.7	35.5

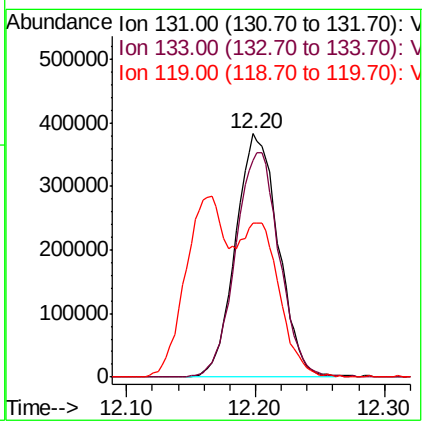


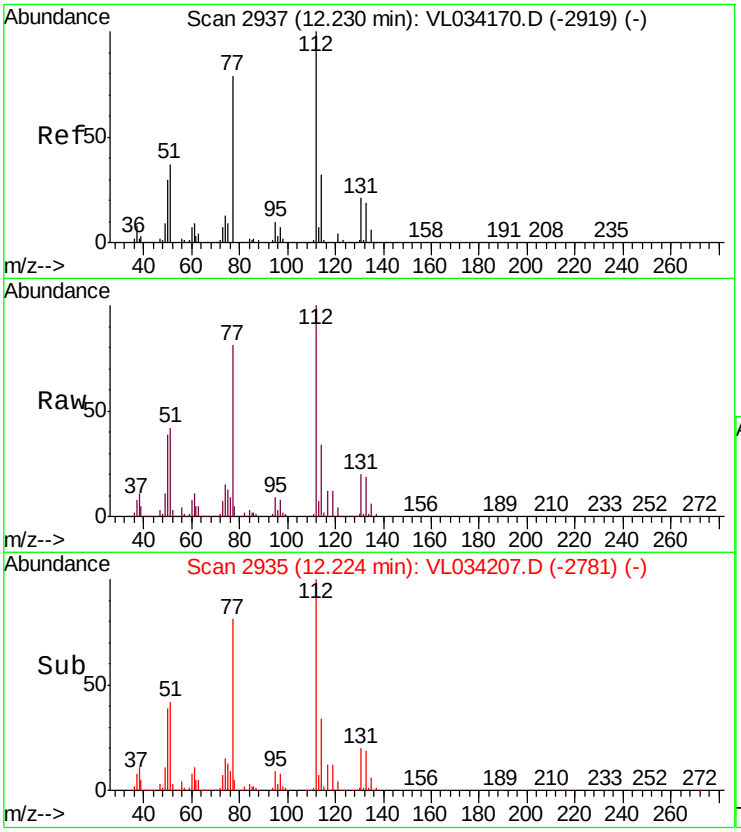


#56
1,1,1,2-Tetrachloroethane
Concen: 10.017 ppbv
RT: 12.20 min Scan# 2927
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Tgt Ion:131 Resp: 885179

Ion	Ratio	Lower	Upper
131	100		
133	94.7	75.1	112.7
119	55.6	47.4	71.0



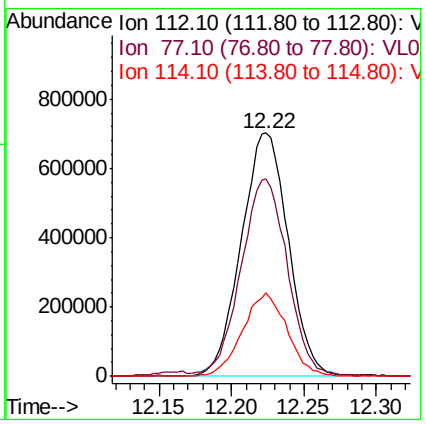


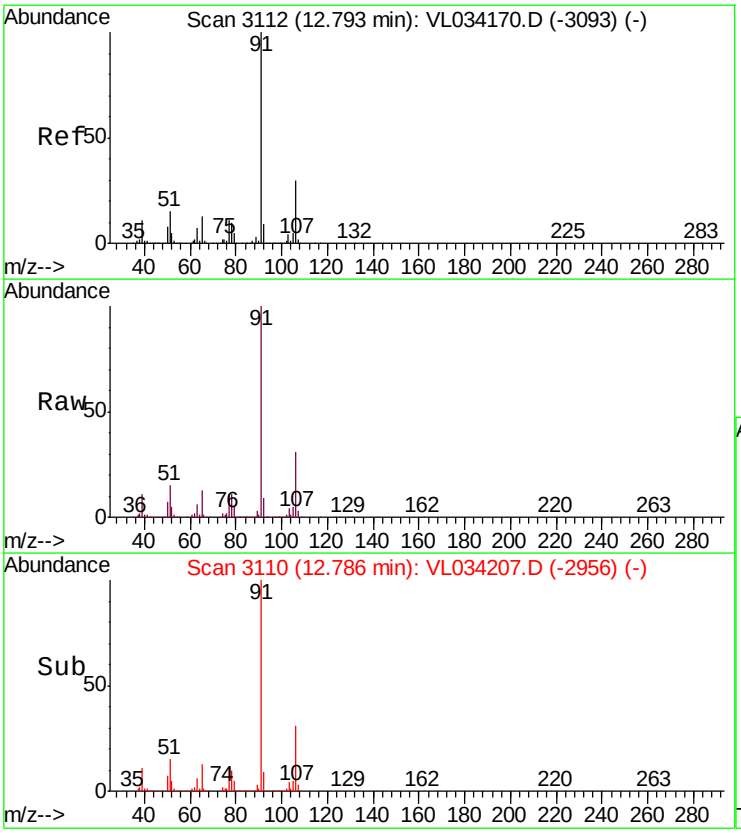
#57
Chlorobenzene
Concen: 9.155 ppbv
RT: 12.22 min Scan# 2935
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Instrument : MSVOA_L
ClientSampleId : VL1002ABS01

Tgt Ion:112 Resp: 1579342

Ion	Ratio	Lower	Upper
112	100		
77	80.4	64.3	96.5
114	34.3	28.9	35.3

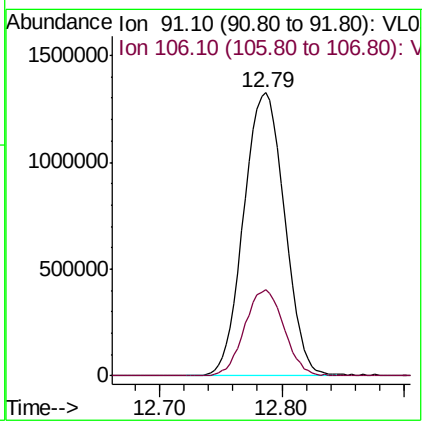


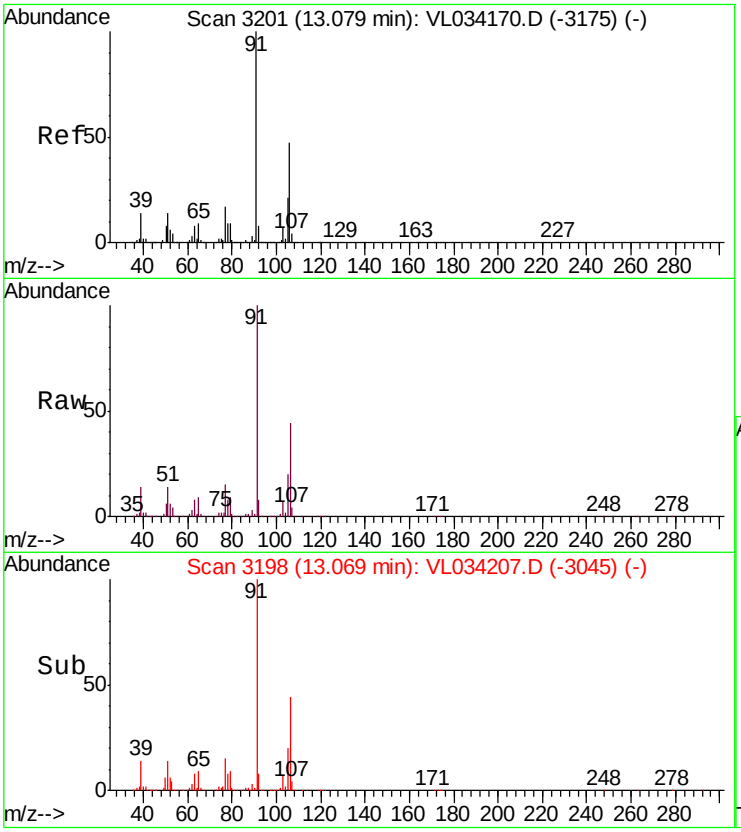


#58
Ethyl Benzene
Concen: 9.615 ppbv
RT: 12.79 min Scan# 3110
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Tgt Ion: 91 Resp: 3074018

Ion	Ratio	Lower	Upper
91	100		
106	30.6	24.2	36.4



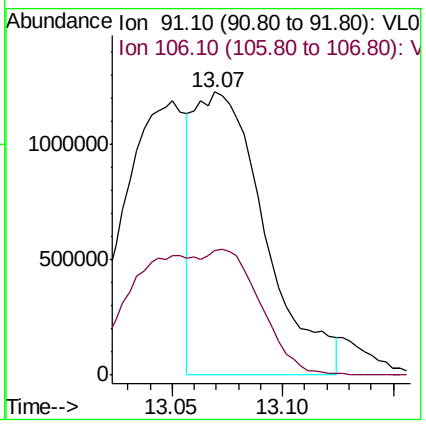


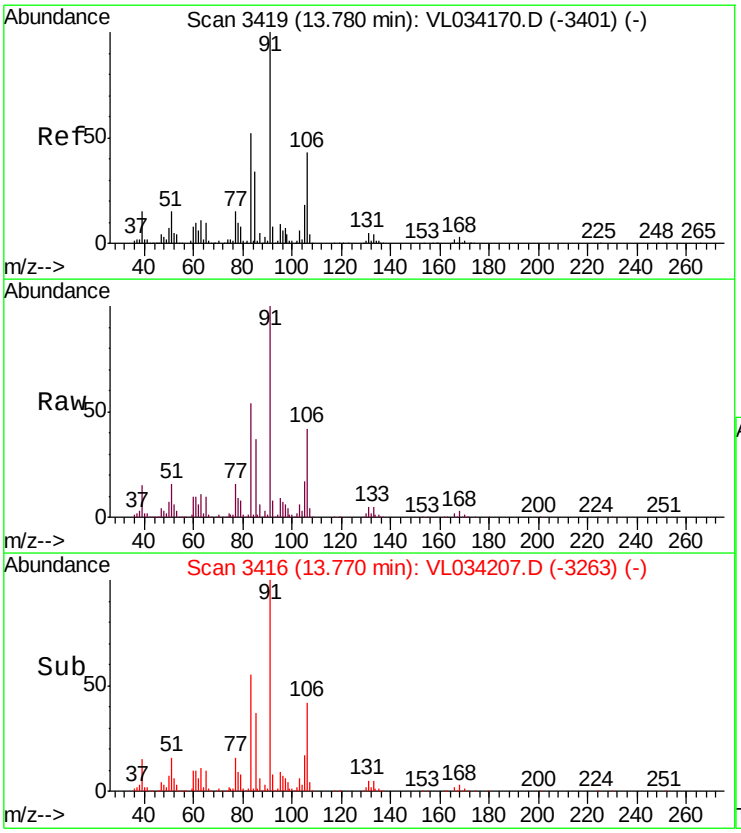
#59
m/p-Xylene
Concen: 10.249 ppbv
RT: 13.07 min Scan# 3198
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Instrument :
MSVOA_L
ClientSampleId :
VL1002ABS01

Tgt Ion: 91 Resp: 2713995

Ion	Ratio	Lower	Upper
91	100		
106	79.5	35.5	53.3#

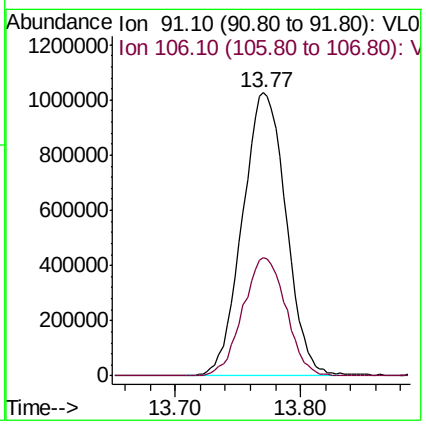


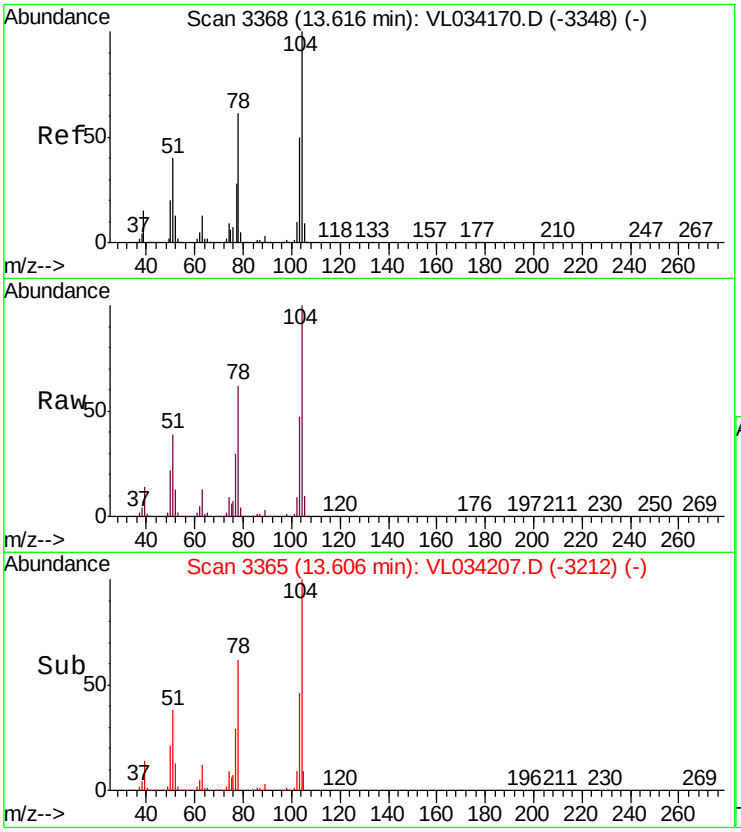


#60
o-Xylene
Concen: 9.374 ppbv
RT: 13.77 min Scan# 3416
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Tgt Ion: 91 Resp: 2482180

Ion	Ratio	Lower	Upper
91	100		
106	41.6	21.2	63.6



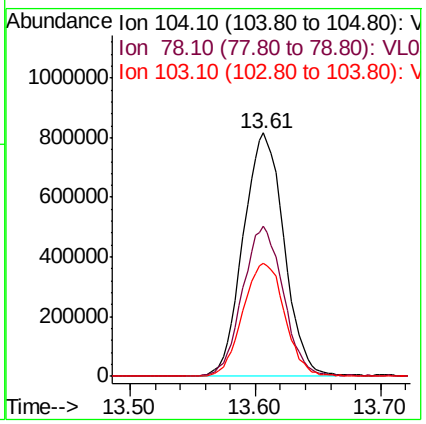


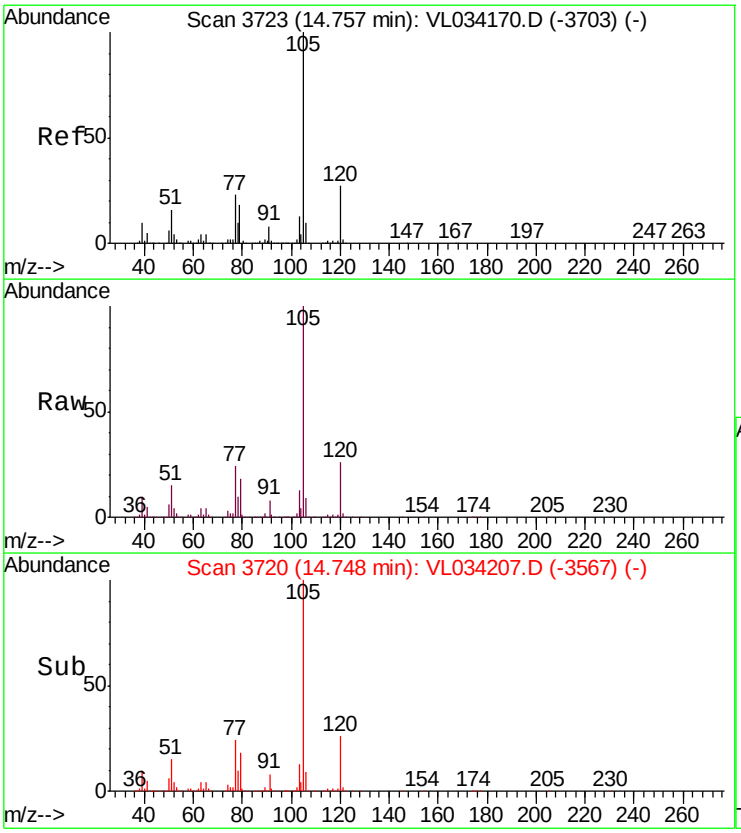
#61
Styrene
Concen: 9.709 ppbv
RT: 13.61 min Scan# 3365
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Instrument :
MSVOA_L
ClientSampleId :
VL1002ABS01

Tgt Ion:104 Resp: 1841458

Ion	Ratio	Lower	Upper
104	100		
78	61.4	49.7	74.5
103	47.7	38.4	57.6

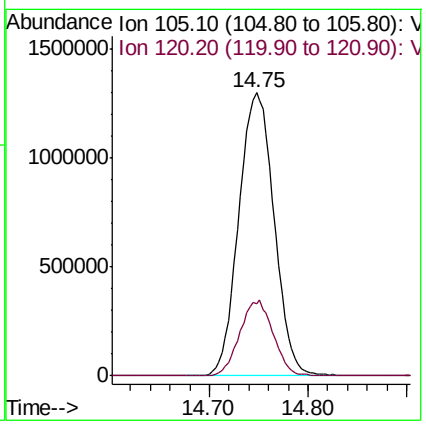


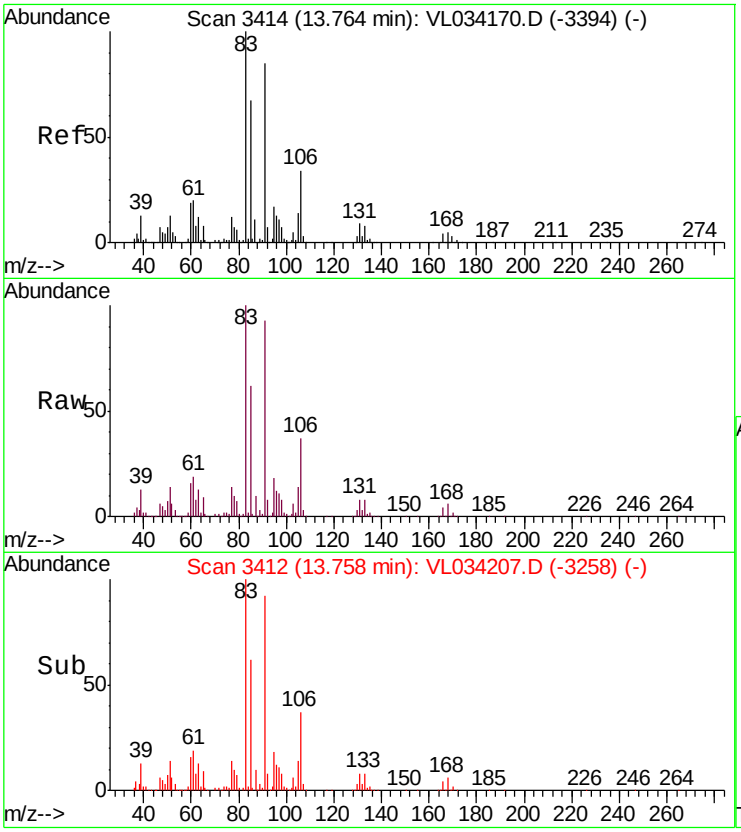


#62
Isopropylbenzene
Concen: 9.383 ppbv
RT: 14.75 min Scan# 3720
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Tgt Ion:105 Resp: 3216196

Ion	Ratio	Lower	Upper
105	100		
120	25.3	20.7	31.1



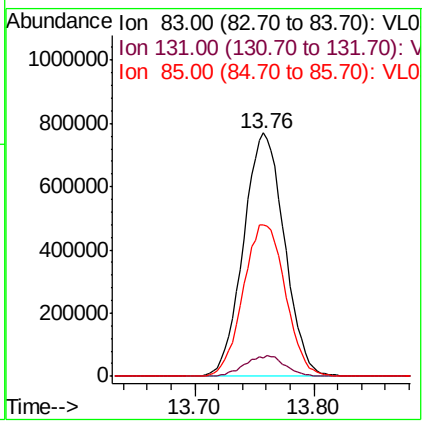


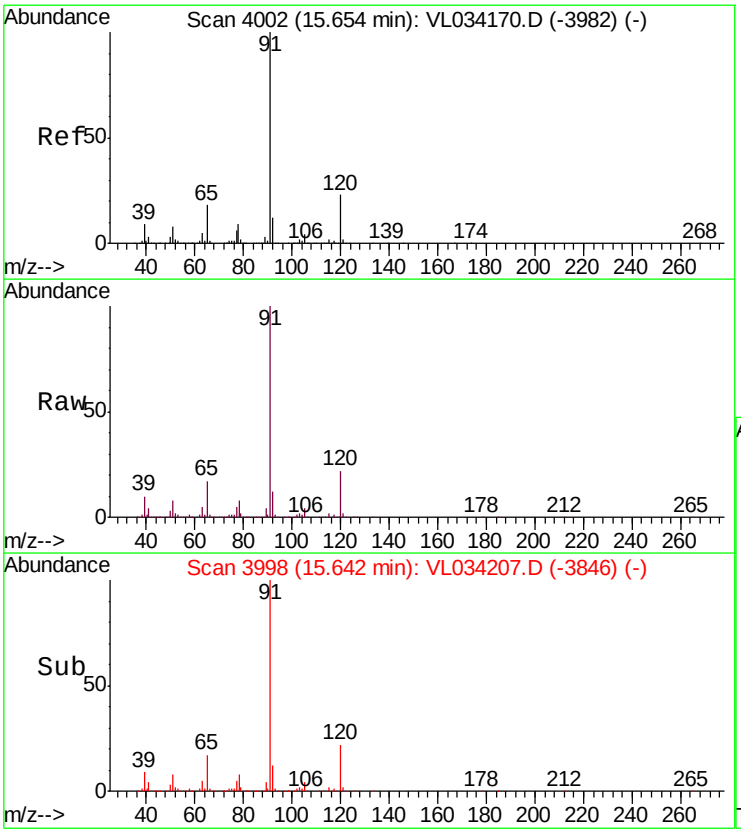
#63
1,1,2,2-Tetrachloroethane
Concen: 8.447 ppbv
RT: 13.76 min Scan# 3412
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Instrument : MSVOA_L
ClientSampleId : VL1002ABS01

Tgt Ion: 83 Resp: 1834120

Ion	Ratio	Lower	Upper
83	100		
131	8.2	4.3	12.8
85	64.3	32.8	98.4

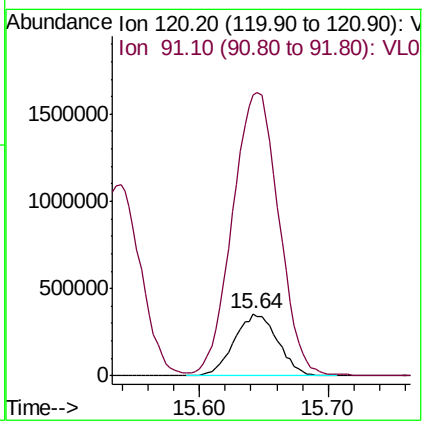


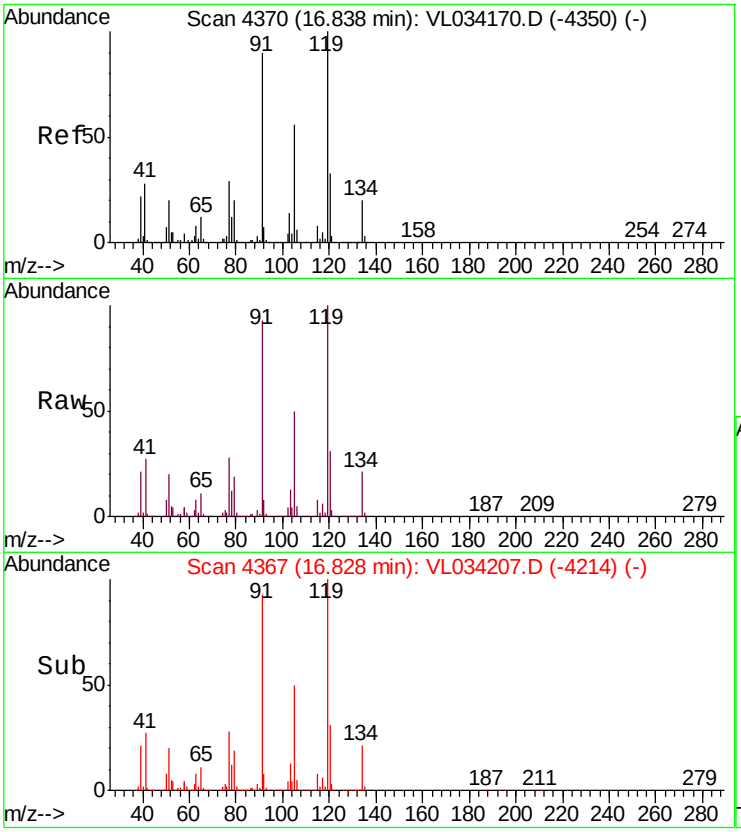


#64
n-propylbenzene
Concen: 9.550 ppbv
RT: 15.64 min Scan# 3998
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Tgt Ion:120 Resp: 828175

Ion	Ratio	Lower	Upper
120	100		
91	492.2	378.2	567.2



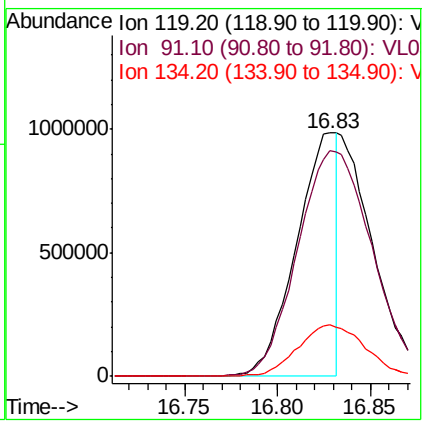


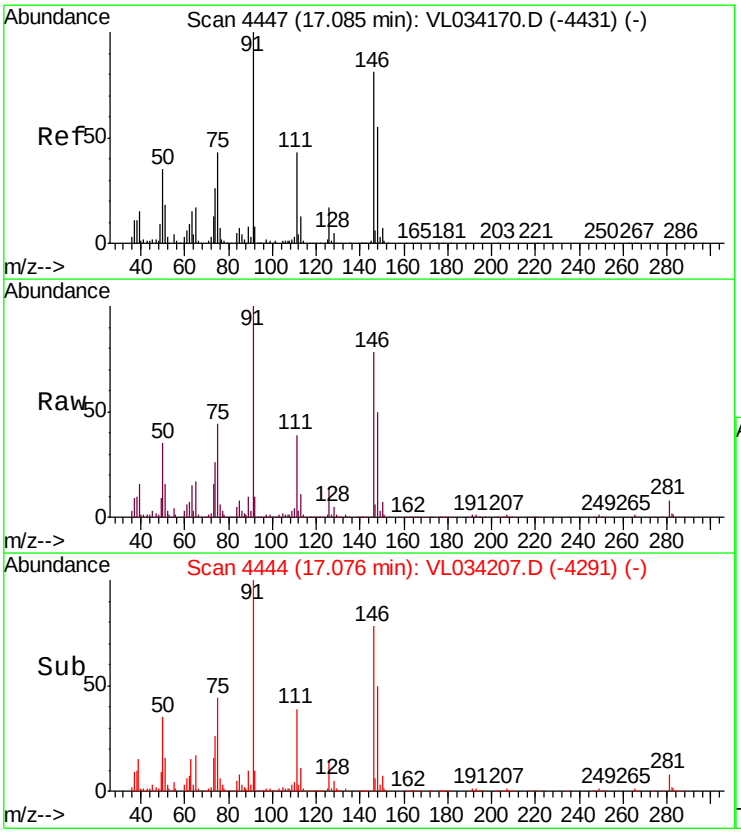
#65
tert-Butylbenzene
Concen: 4.983 ppbv
RT: 16.83 min Scan# 4367
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Instrument :
MSVOA_L
ClientSampleId :
VL1002ABS01

Tgt Ion:119 Resp: 1492317

Ion	Ratio	Lower	Upper
119	100		
91	170.8	74.9	112.3#
134	35.1	15.8	23.6#

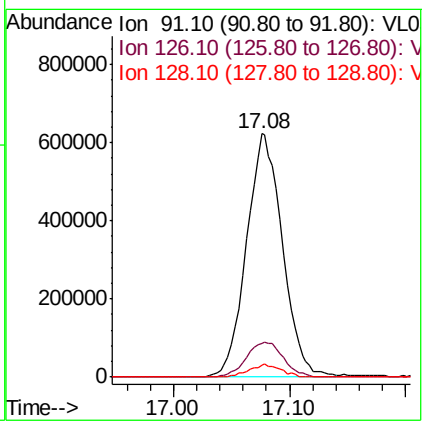


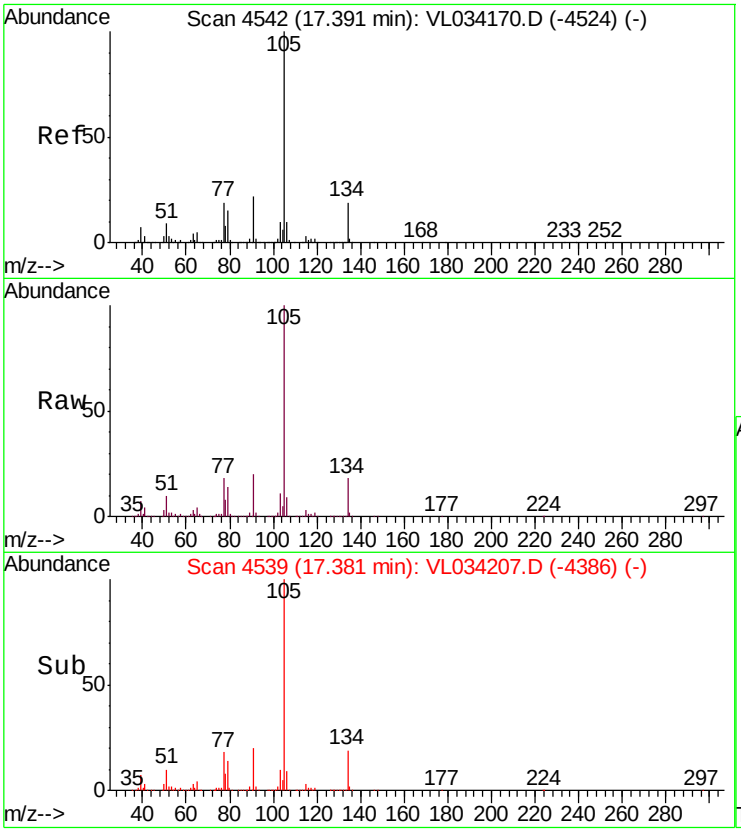


#66
Benzyl Chloride
Concen: 12.705 ppbv
RT: 17.08 min Scan# 4444
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Tgt Ion: 91 Resp: 1346287

Ion	Ratio	Lower	Upper
91	100		
126	14.9	12.6	19.0
128	4.9	4.0	6.0



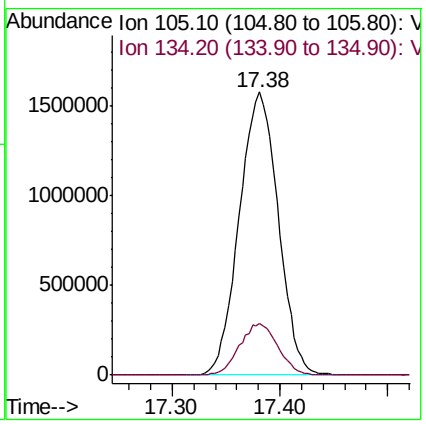


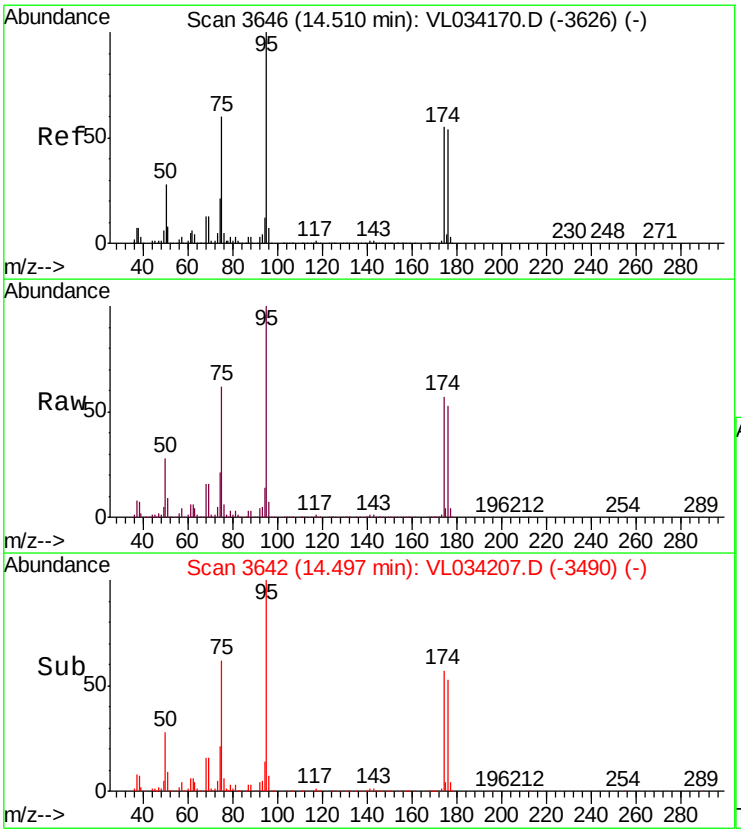
#67
sec-Butylbenzene
Concen: 9.221 ppbv
RT: 17.38 min Scan# 4539
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Instrument :
MSVOA_L
ClientSampleId :
VL1002ABS01

Tgt Ion:105 Resp: 3949033

Ion	Ratio	Lower	Upper
105	100		
134	18.1	14.6	22.0

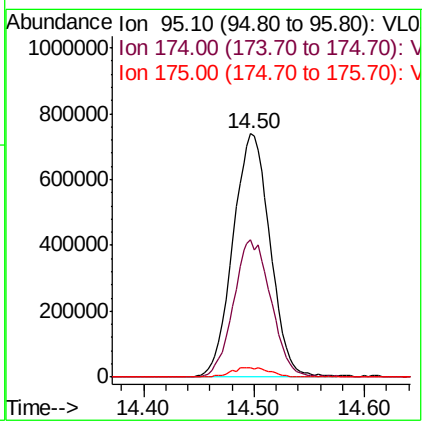


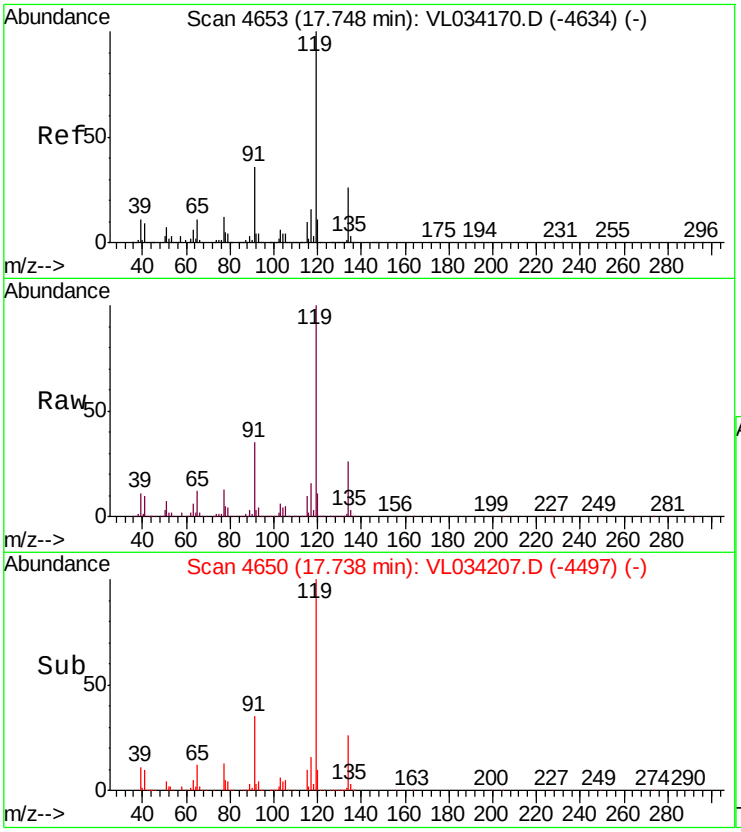


#68
1-Bromo-4-Fluorobenzene
Concen: 10.000 ppbv
RT: 14.50 min Scan# 3642
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Tgt Ion: 95 Resp: 1721721

Ion	Ratio	Lower	Upper
95	100		
174	57.0	45.1	67.7
175	4.1	3.3	4.9



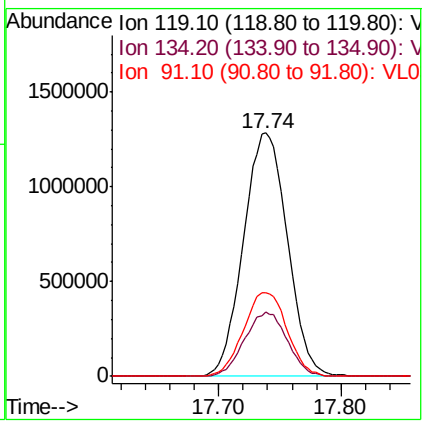


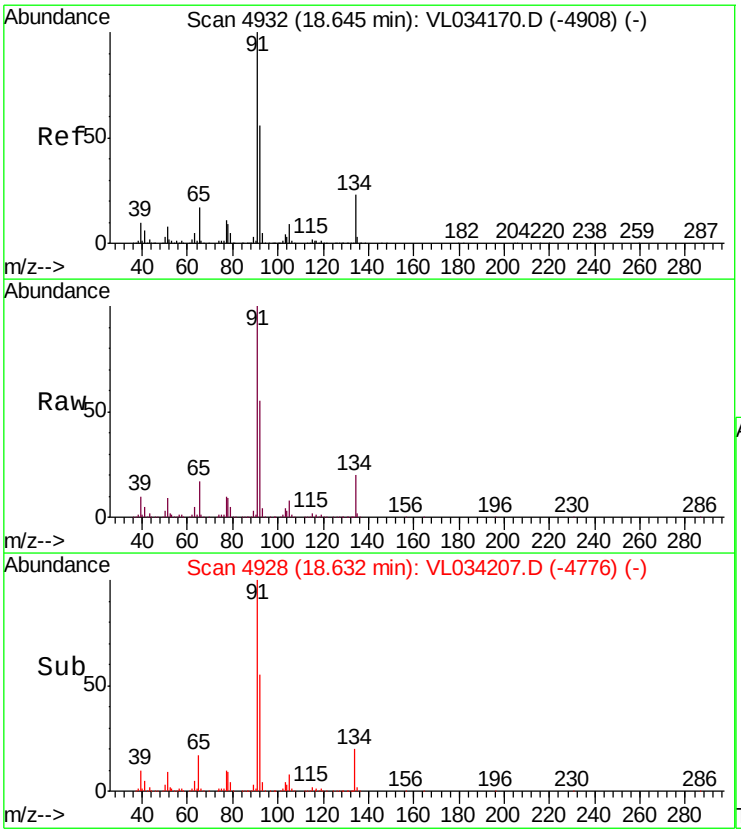
#69
p-Isopropyltoluene
Concen: 9.205 ppbv
RT: 17.74 min Scan# 4650
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Instrument : MSVOA_L
ClientSampleId : VL1002ABS01

Tgt Ion:119 Resp: 3192260

Ion	Ratio	Lower	Upper
119	100		
134	25.6	20.6	30.8
91	34.3	27.6	41.4

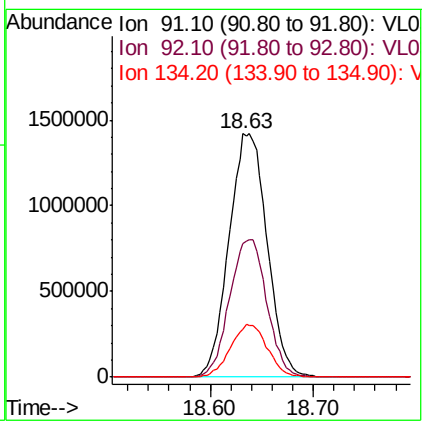


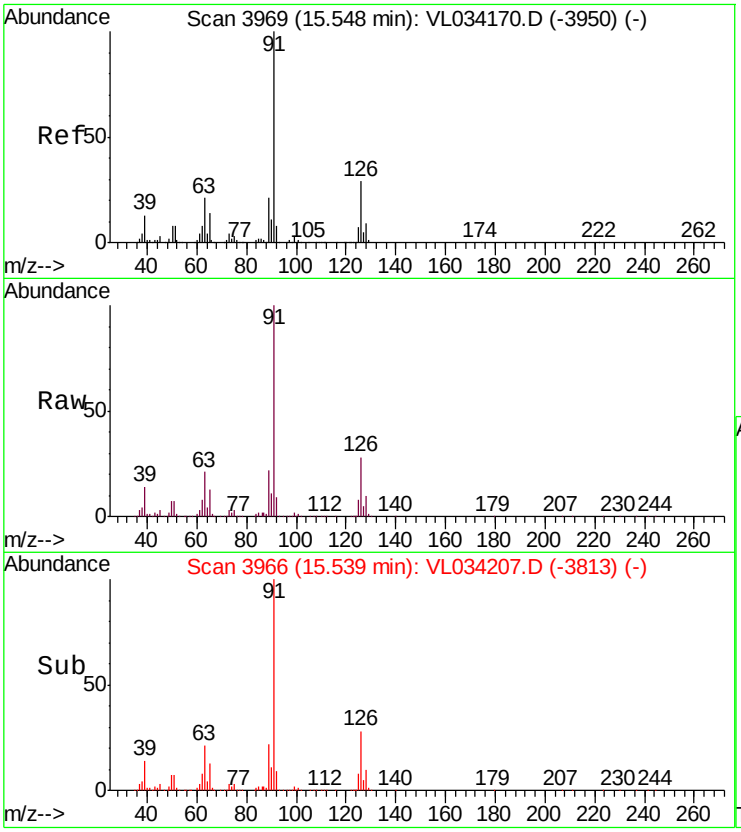


#70
n-Butylbenzene
Concen: 9.028 ppbv
RT: 18.63 min Scan# 4928
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Tgt Ion: 91 Resp: 3645840

Ion	Ratio	Lower	Upper
91	100		
92	55.5	44.8	67.2
134	21.0	17.3	25.9



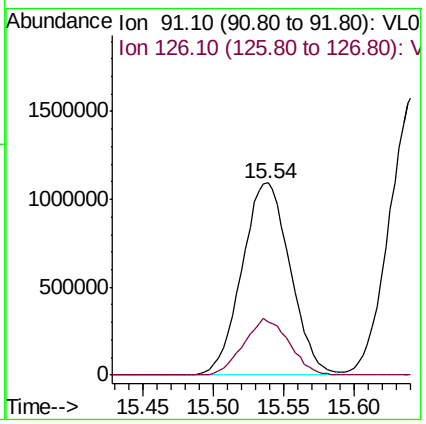


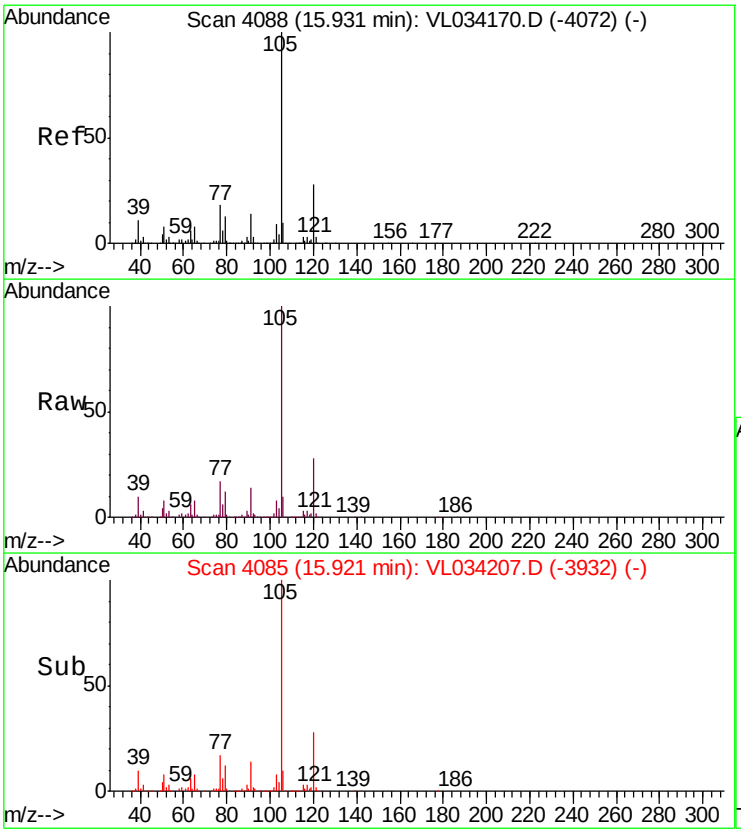
#71
2-Chlorotoluene
Concen: 9.318 ppbv
RT: 15.54 min Scan# 3966
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Instrument : MSVOA_L
ClientSampleId : VL1002ABS01

Tgt Ion: 91 Resp: 2609555

Ion	Ratio	Lower	Upper
91	100		
126	28.0	11.2	45.0

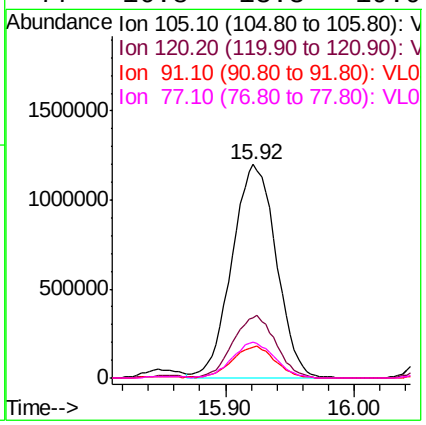


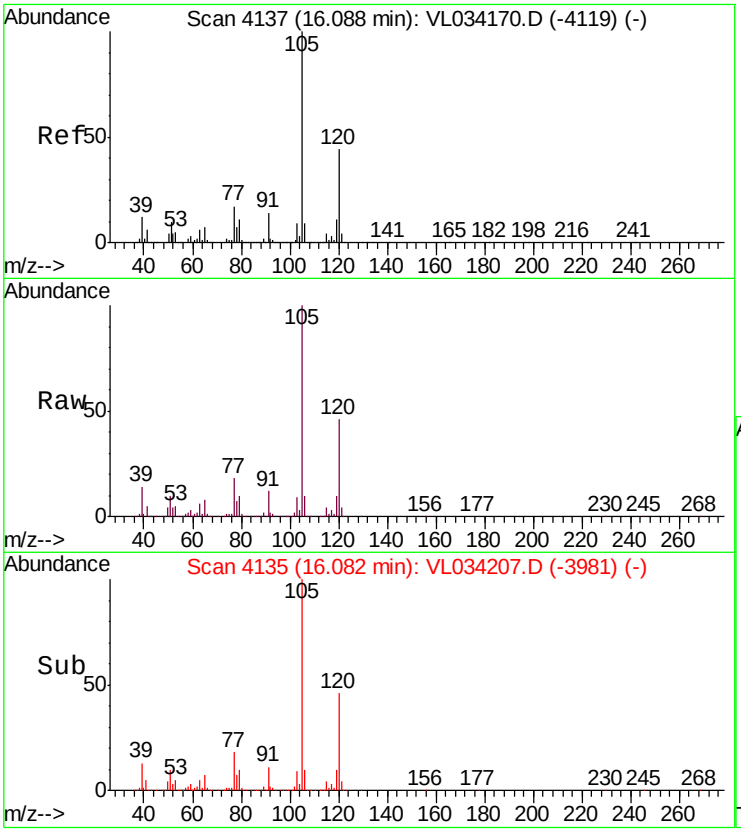


#72
4-Ethyltoluene
Concen: 9.540 ppbv
RT: 15.92 min Scan# 4085
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Tgt Ion:105 Resp: 2854079

Ion	Ratio	Lower	Upper
105	100		
120	28.4	23.3	34.9
91	14.0	11.4	17.2
77	16.8	13.3	19.9



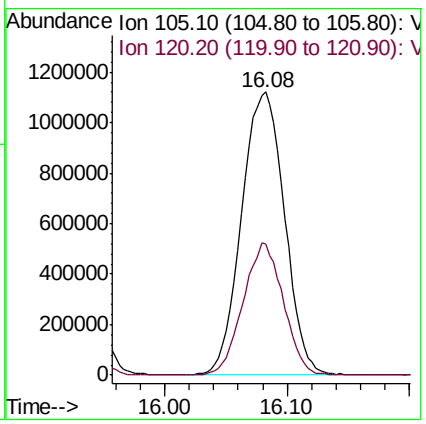


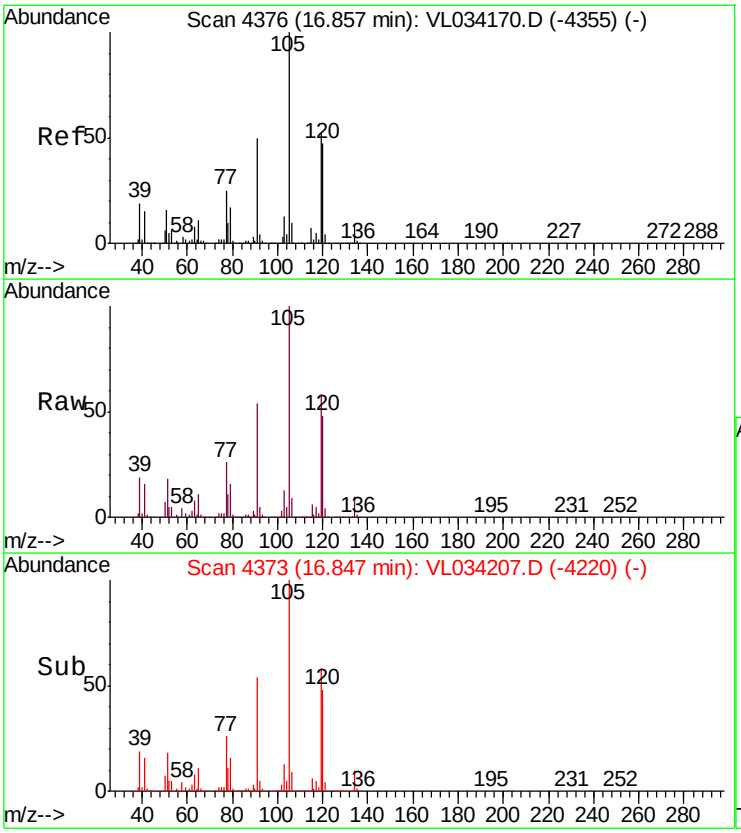
#73
1,3,5-Trimethylbenzene
Concen: 9.414 ppbv
RT: 16.08 min Scan# 4135
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Instrument :
MSVOA_L
ClientSampleId :
VL1002ABS01

Tgt Ion:105 Resp: 2720713

Ion	Ratio	Lower	Upper
105	100		
120	46.4	35.6	53.4

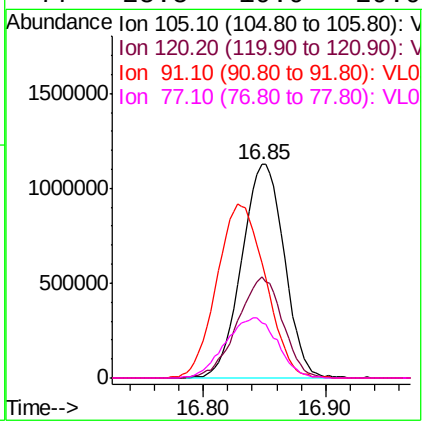


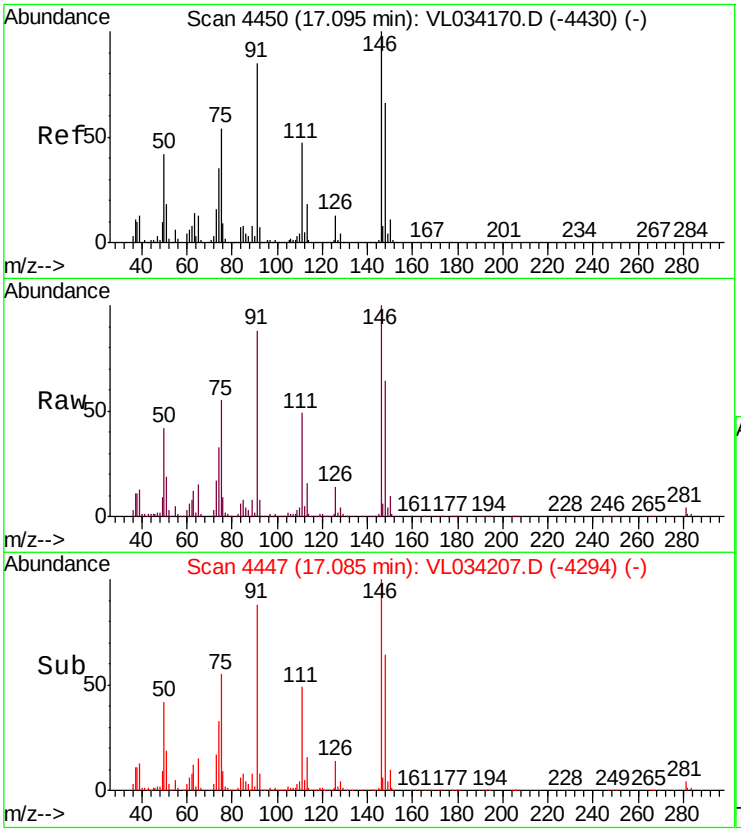


#74
1,2,4-Trimethylbenzene
Concen: 8.844 ppbv
RT: 16.85 min Scan# 4373
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Tgt Ion:105 Resp: 2714205

Ion	Ratio	Lower	Upper
105	100		
120	47.3	37.5	56.3
91	53.8	41.1	61.7
77	25.5	19.9	29.9



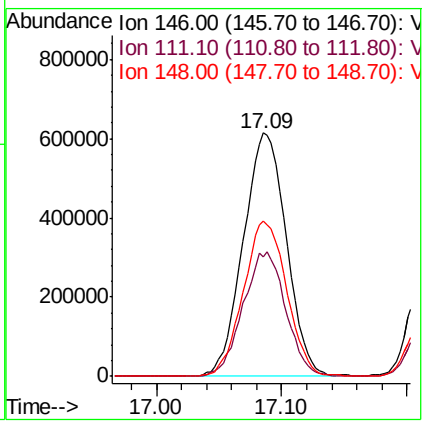


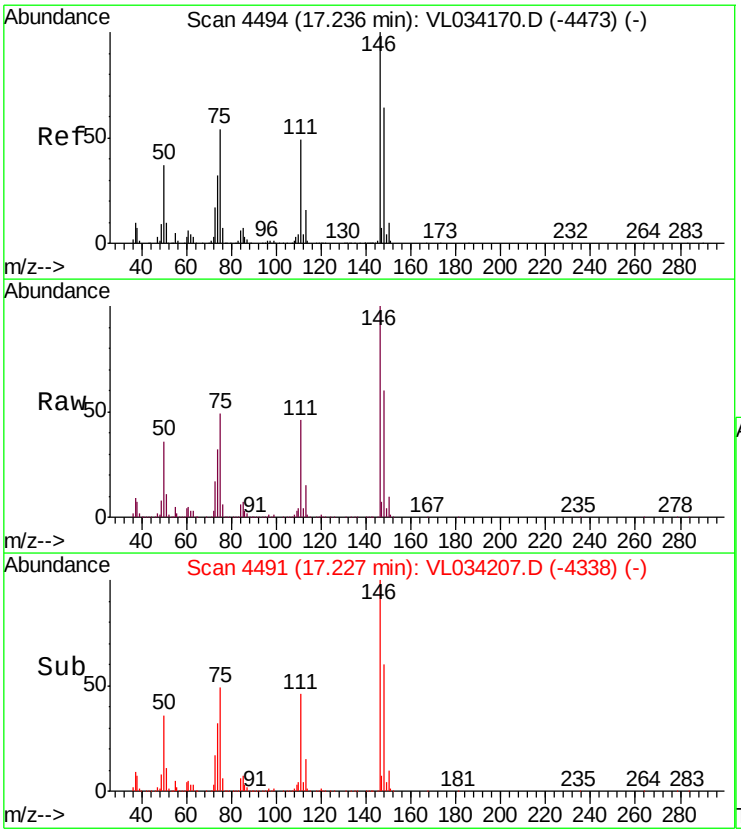
#75
1,3-Dichlorobenzene
Concen: 8.926 ppbv
RT: 17.09 min Scan# 4447
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Instrument :
MSVOA_L
ClientSampleId :
VL1002ABS01

Tgt Ion:146 Resp: 1469596

Ion	Ratio	Lower	Upper
146	100		
111	50.6	25.9	77.8
148	64.3	32.6	97.7

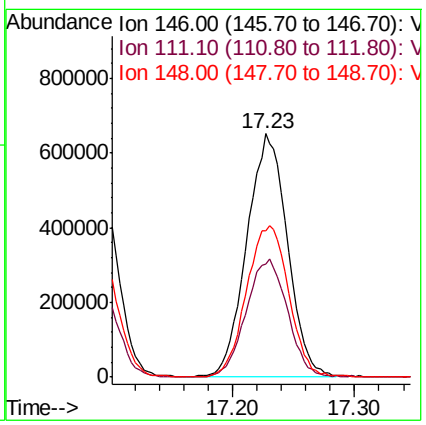


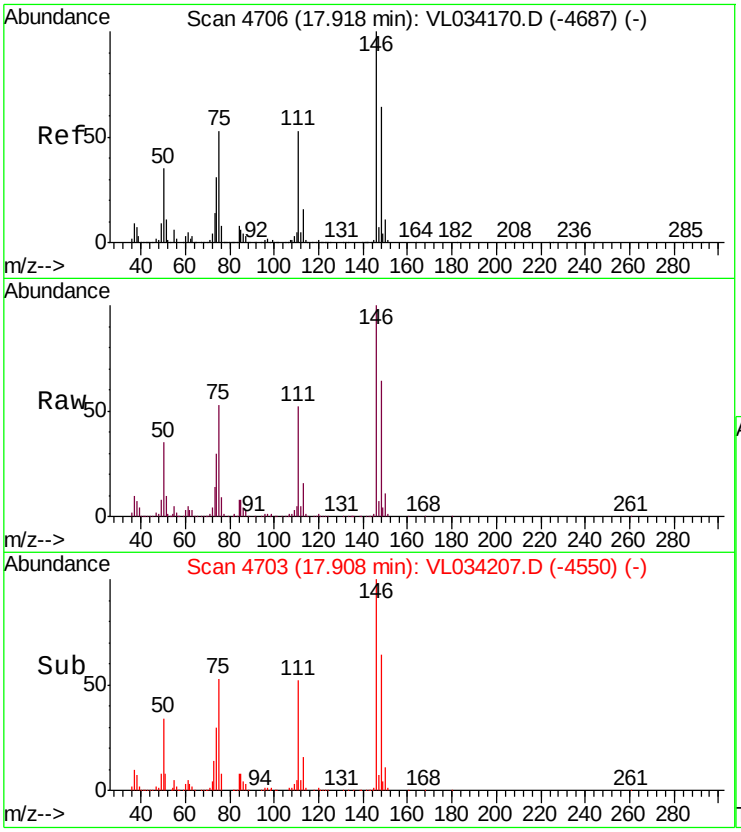


#76
1,4-Dichlorobenzene
Concen: 8.853 ppbv
RT: 17.23 min Scan# 4491
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Tgt Ion:146 Resp: 1492872

Ion	Ratio	Lower	Upper
146	100		
111	49.8	24.6	74.0
148	65.5	32.4	97.0



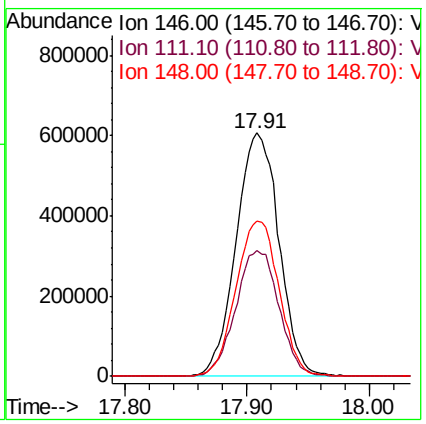


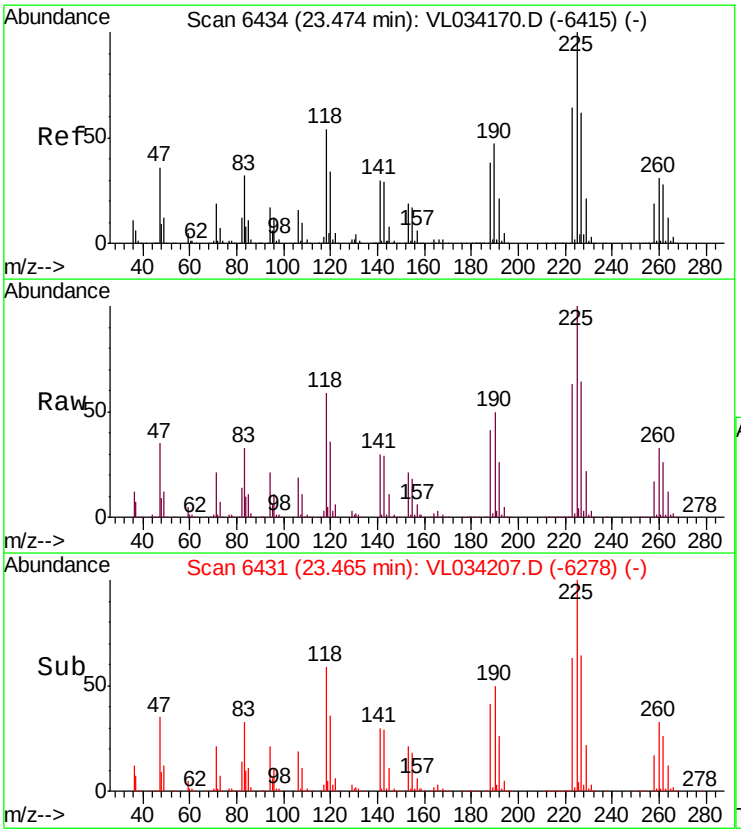
#77
1,2-Dichlorobenzene
Concen: 8.832 ppbv
RT: 17.91 min Scan# 4703
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Instrument : MSVOA_L
ClientSampleId : VL1002ABS01

Tgt Ion:146 Resp: 1471826

Ion	Ratio	Lower	Upper
146	100		
111	52.5	26.1	78.3
148	64.6	31.9	95.9

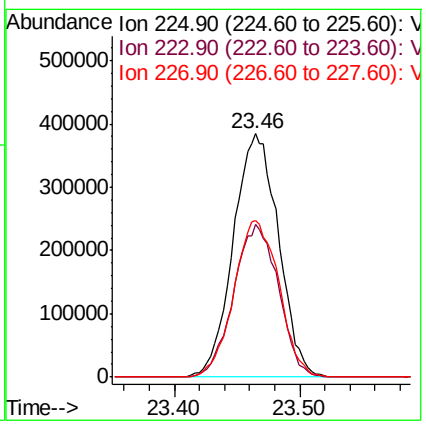


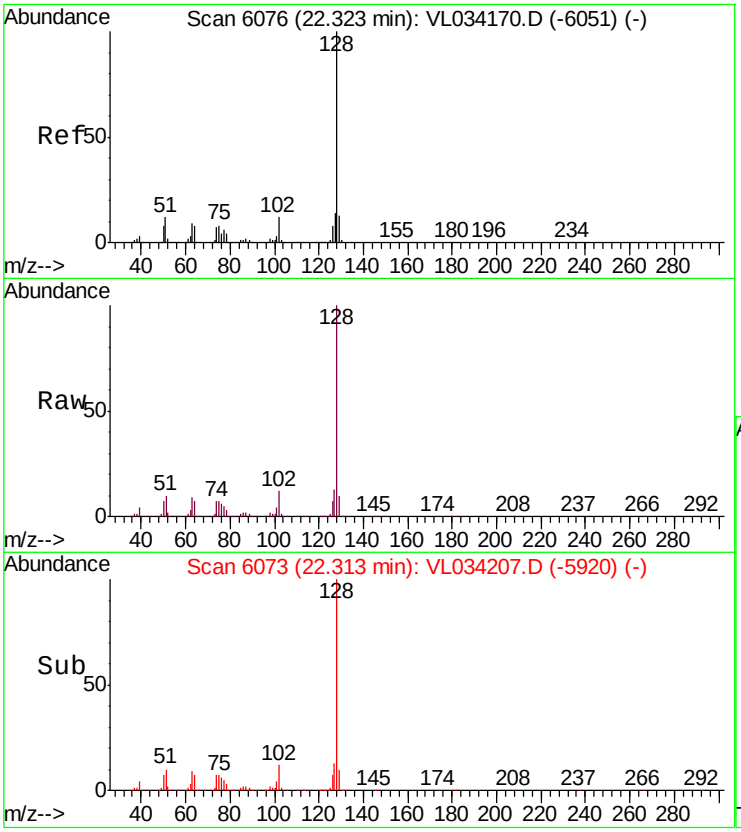


#78
Hexachloro-1,3-Butadiene
Concen: 8.667 ppbv
RT: 23.46 min Scan# 6431
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Tgt Ion:225 Resp: 956617

Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.7	77.5
227	64.4	52.1	78.1



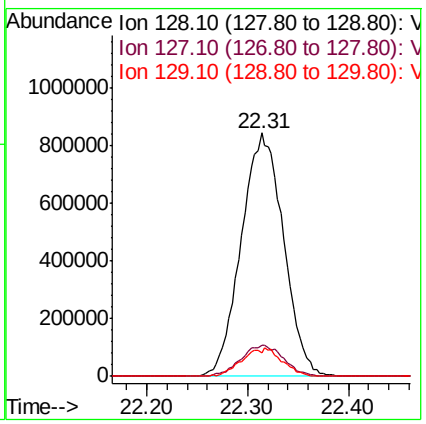


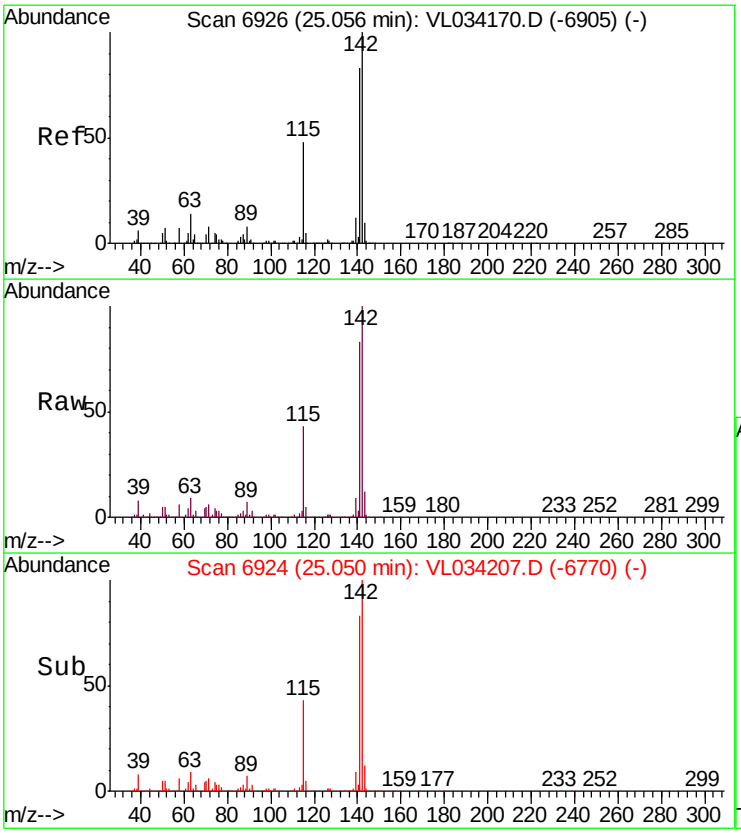
#79
Naphthalene
Concen: 9.071 ppbv
RT: 22.31 min Scan# 6073
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Instrument :
MSVOA_L
ClientSampleId :
VL1002ABS01

Tgt Ion:128 Resp: 2450817

Ion	Ratio	Lower	Upper
128	100		
127	12.9	11.1	16.7
129	9.9	10.2	15.4#

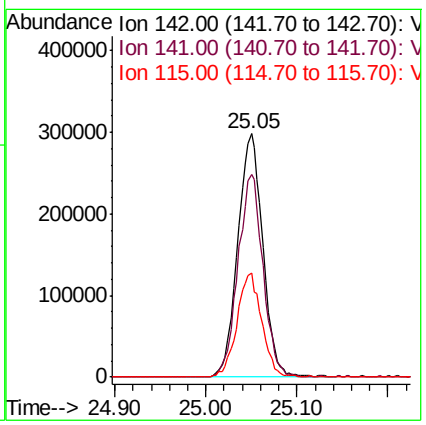


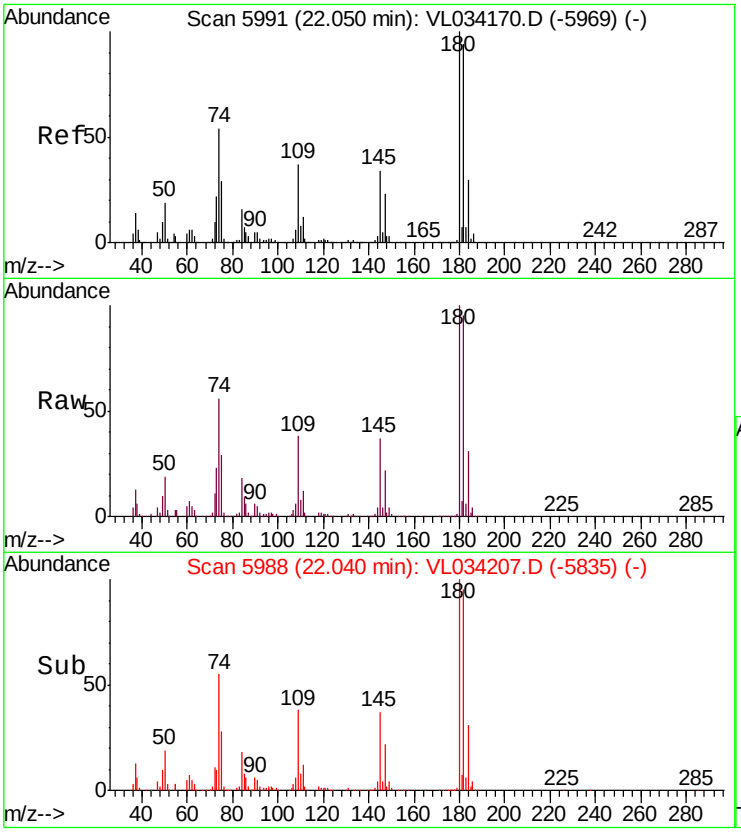


#80
Naphthalene,2-methyl-
Concen: 4.535 ppbv
RT: 25.05 min Scan# 6924
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Tgt Ion:142 Resp: 569796

Ion	Ratio	Lower	Upper
142	100		
141	83.4	67.6	101.4
115	42.2	36.9	55.3





#81
1,2,4-Trichlorobenzene
Concen: 8.890 ppbv
RT: 22.04 min Scan# 5988
Delta R.T. -0.01 min
Lab File: VL034207.D
Acq: 2 Oct 2019 11:53

Instrument :
MSVOA_L
ClientSampleId :
VL1002ABS01

Tgt Ion:180 Resp: 1330425

Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.4	116.2
184	30.9	25.0	37.4