Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030420\

Quantitation Report (Not Reviewed)

Data File : VL034782.D
Acq On : 4 Mar 2020 5:15
Operator : SY/AP
Sample : VSTDICC015
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Quant Time: Mar 04 06:01:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030420AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 04 05:54:58 2020
QLast Update : Wed Mar 04 05:54:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1094280	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	2246425	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.14	117	2356945	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.47	95	1959700	10.14	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.02	85	1678939	9.728	ppbv	99
3) Chlorodifluoromethane	2.96	51	1587427	13.394	ppbv	96
4) Chloromethane	3.11	50	879989	13.385	ppbv	95
5) Vinyl Chloride	3.23	62	888920	13.752	ppbv	98
6) Bromomethane	3.45	94	535871	14.173	ppbv	93
7) Chloroethane	3.54	64	325177	13.603	ppbv	93
8) Dichlorotetrafluoroethane	3.16	85	1946377	12.768	ppbv	99
9) Propene	2.98	41	658011	13.358	ppbv	99
10) Heptane	8.15	43	1844019	14.518	ppbv	98
11) Trichlorofluoromethane	3.93	101	2070741	13.691	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1438193	13.540	ppbv	98
13) Ethanol	3.59	45	185579	11.957	ppbv	98
14) Bromoethene	3.72	108	619770	13.912	ppbv	96
15) Acetone	3.84	43	1618757	12.964	ppbv	100
16) 1,3-Butadiene	3.30	39	817146	14.101	ppbv	98
17) tert-Butyl alcohol	4.29	59	1382467	14.441	ppbv	99
18) 1,1-Dichloroethene	4.28	96	664820	13.937	ppbv	100
19) Isopropyl Alcohol	3.96	45	1092016	14.661	ppbv	99
20) Methylene Chloride	4.33	84	588412	12.721	ppbv	97
21) Allyl Chloride	4.40	41	1178477	14.409	ppbv	99
22) trans-1,2-Dichloroethene	4.89	96	677420	14.701	ppbv	98
23) Vinyl Acetate	5.08	43	2519172	14.842	ppbv	99
24) 1,1-Dichloroethane	5.02	63	1820580	13.477	ppbv	99
25) Ethyl Acetate	5.68	43	3053977	13.811	ppbv	99
26) Hexane	5.69	57	1378145	13.561	ppbv	99
27) Carbon Disulfide	4.54	76	1747795	15.313	ppbv	99
28) Methyl tert-Butyl Ether	5.03	73	1948082	13.440	ppbv	99
29) Chloroform	5.77	83	2211487	13.648	ppbv	100
30) Cyclohexane	7.15	84	1152950	14.623	ppbv	97
31) cis-1,2-Dichloroethene	5.56	61	1452177	14.510	ppbv	99
32) 1,1,1-Trichloroethane	6.53	97	2173007	14.302	ppbv	99
34) 2-Butanone	5.25	43	2035082	14.342	ppbv	99
35) Carbon Tetrachloride	7.04	117	2250596	14.945	ppbv	100
36) Benzene	6.92	78	2705151	13.975	ppbv	99
37) 1,2-Dichloroethane	6.33	62	1850295	15.022	ppbv	100
38) Trichloroethene	7.87	130	1039688	13.909	ppbv	96
39) 1,2-Dichloropropane	7.64	63	1098812	14.303	ppbv	97
40) 1,4-Dioxane	7.86	88	372290	14.247	ppbv #	97
41) Tetrahydrofuran	6.06	42	1120969	15.077	ppbv	99
42) Bromodichloromethane	7.83	83	2431755	15.092	ppbv	99
43) Methyl Methacrylate	8.04	69	1296697	15.932	ppbv	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030420\

Quantitation Report (Not Reviewed)

Data File : VL034782.D
Acq On : 4 Mar 2020 5:15
Operator : SY/AP
Sample : VSTDICC015
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Quant Time: Mar 04 06:01:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030420AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 04 05:54:58 2020
QLast Update : Wed Mar 04 05:54:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.90	57	4658446	13.763	ppbv		98
45) t-1,3-Dichloropropene	9.32	75	1548255	17.526	ppbv		100
46) cis-1,3-Dichloropropene	8.74	75	1750276	16.482	ppbv		98
47) 1,1,2-Trichloroethane	9.52	97	1154982	14.572	ppbv		92
48) Dibromochloromethane	10.35	129	1996033	16.126	ppbv		100
49) Bromoform	13.10	173	1781835	16.535	ppbv		99
50) 4-Methyl-2-Pentanone	8.77	43	3087030	15.338	ppbv		99
51) 2-Hexanone	10.17	43	2629186	16.583	ppbv		100
52) Tetrachloroethene	11.27	164	970002	13.601	ppbv		95
53) Toluene	9.85	91	3152705	15.293	ppbv		99
54) 1,2-Dibromoethane	10.66	107	1771845	14.967	ppbv		97
56) 1,1,1,2-Tetrachloroethane	12.18	131	1456181	14.366	ppbv	#	62
57) Chlorobenzene	12.20	112	2376832	13.625	ppbv		96
58) Ethyl Benzene	12.76	91	4275302	14.918	ppbv		97
59) m/p-Xylene	13.05	91	3447210	13.860	ppbv	#	25
60) o-Xylene	13.75	91	3540636	14.284	ppbv		99
61) Styrene	13.58	104	2557819	16.119	ppbv		98
62) Isopropylbenzene	14.73	105	5085527	14.062	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.74	83	2587060	13.394	ppbv		100
64) n-propylbenzene	15.62	120	1371149	14.719	ppbv		95
65) tert-Butylbenzene	16.81	119	4463496	14.262	ppbv		99
66) Benzyl Chloride	17.06	91	1923175	16.946	ppbv		99
67) sec-Butylbenzene	17.36	105	6305262	13.975	ppbv		99
69) p-Isopropyltoluene	17.72	119	5292985	14.249	ppbv		98
70) n-Butylbenzene	18.61	91	5777150	14.265	ppbv		98
71) 2-Chlorotoluene	15.51	91	4092939	14.575	ppbv		99
72) 4-Ethyltoluene	15.90	105	4207772	15.218	ppbv		99
73) 1,3,5-Trimethylbenzene	16.06	105	3949096	14.822	ppbv		96
74) 1,2,4-Trimethylbenzene	16.83	105	4075810	13.839	ppbv		94
75) 1,3-Dichlorobenzene	17.07	146	2371254	13.952	ppbv		99
76) 1,4-Dichlorobenzene	17.20	146	2385828	14.066	ppbv		99
77) 1,2-Dichlorobenzene	17.89	146	2332947	14.209	ppbv		99
78) Hexachloro-1,3-Butadiene	23.45	225	1860962	13.156	ppbv		99
79) Naphthalene	22.29	128	4014915	15.468	ppbv		99
80) Naphthalene,2-methyl-	25.03	142	1189255	14.855	ppbv		98
81) 1,2,4-Trichlorobenzene	22.01	180	2289050	14.740	ppbv		99

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

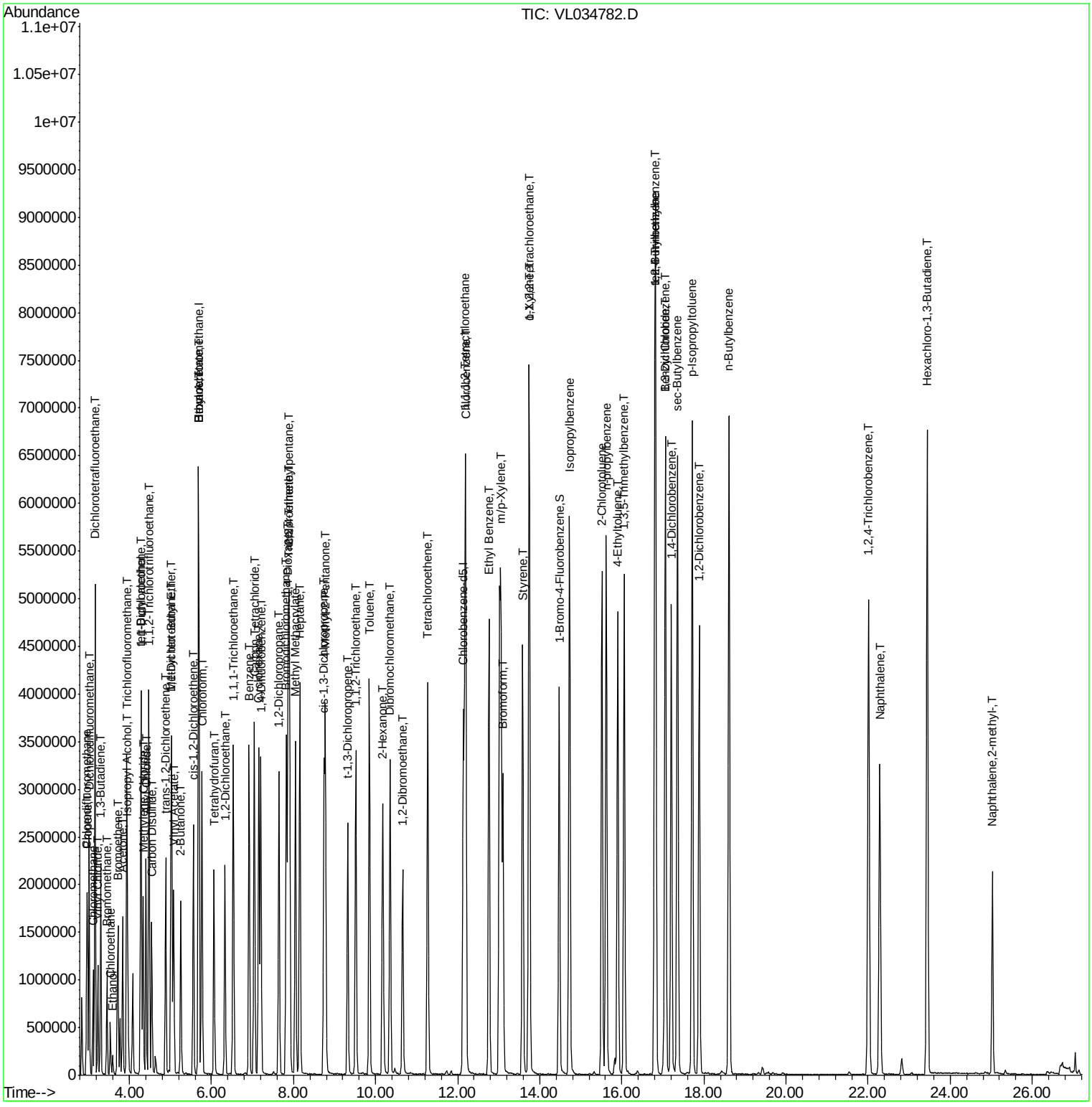
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030420\

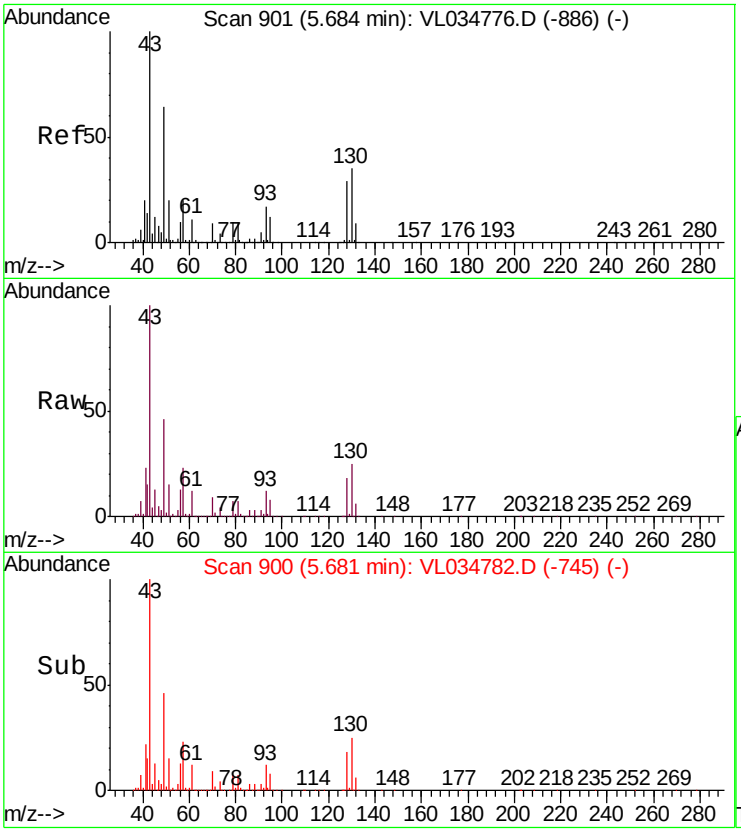
Quantitation Report (Not Reviewed)

Data File : VL034782.D
Acq On : 4 Mar 2020 5:15
Operator : SY/AP
Sample : VSTDICC015
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Quant Time: Mar 04 06:01:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030420AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 04 05:54:58 2020
QLast Update : Wed Mar 04 05:54:58 2020
Response via : Initial Calibration



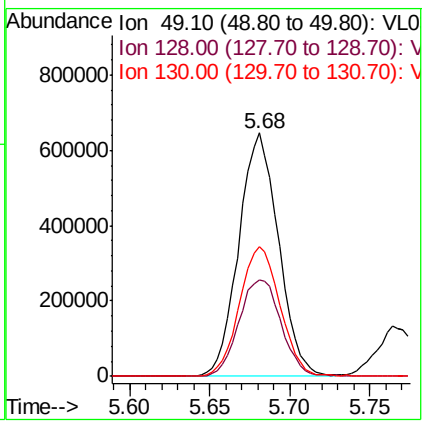


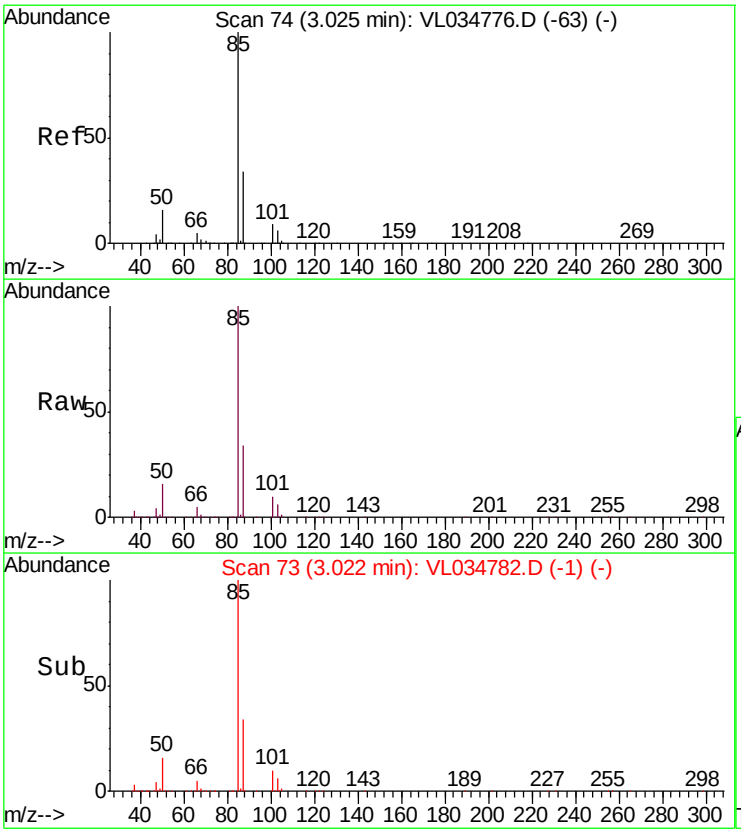
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.00 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 49 Resp: 1094280

Ion	Ratio	Lower	Upper
49	100		
128	42.1	21.6	64.6
130	54.5	27.4	82.2

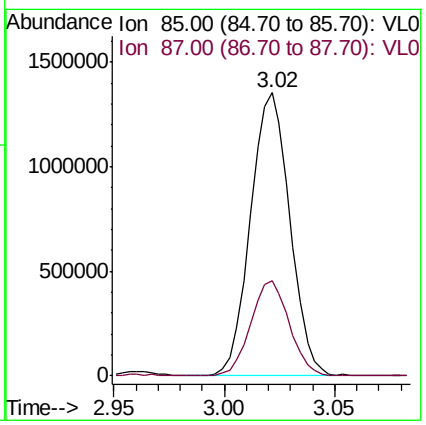


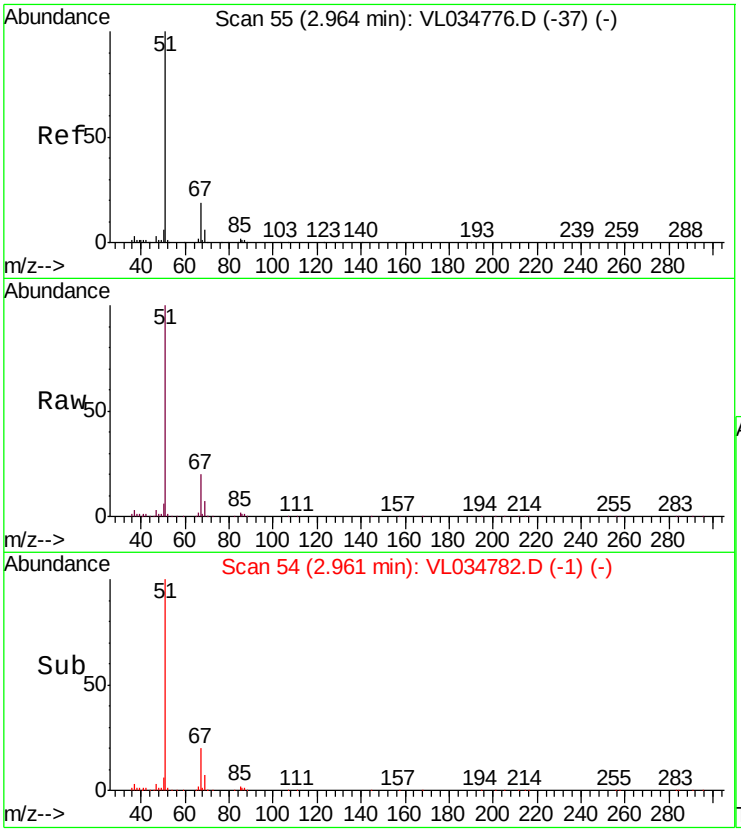


#2
Dichlorodifluoromethane
Concen: 9.728 ppbv
RT: 3.02 min Scan# 73
Delta R.T. -0.00 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Tgt Ion: 85 Resp: 1678939

Ion	Ratio	Lower	Upper
85	100		
87	33.6	27.2	40.8



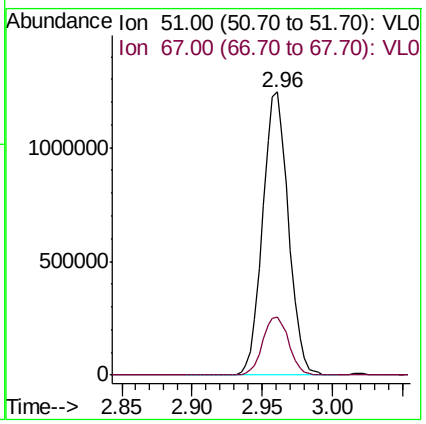


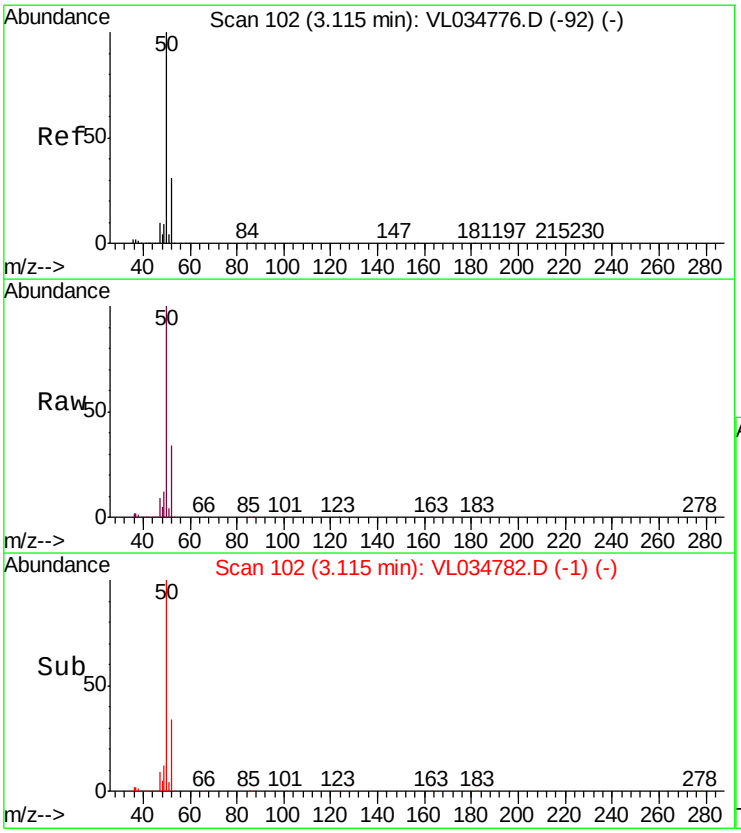
#3
Chlorodifluoromethane
Concen: 13.394 ppbv
RT: 2.96 min Scan# 54
Delta R.T. -0.00 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 51 Resp: 1587427

Ion	Ratio	Lower	Upper
51	100		
67	21.0	15.3	22.9

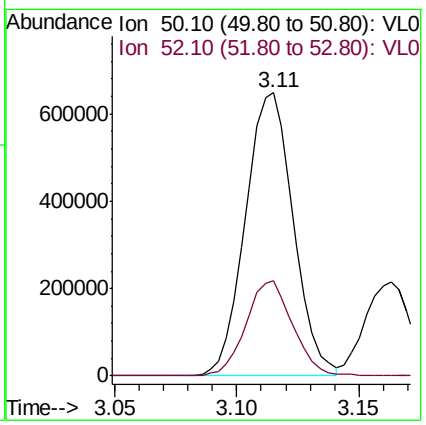


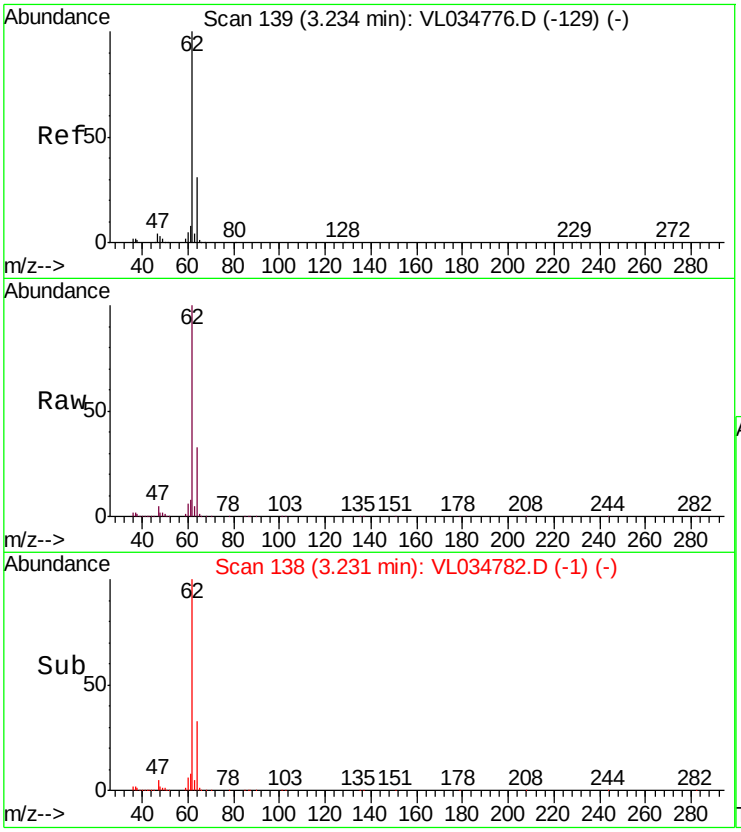


#4
Chloromethane
Concen: 13.385 ppbv
RT: 3.11 min Scan# 102
Delta R.T. 0.00 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Tgt Ion: 50 Resp: 879989

Ion	Ratio	Lower	Upper
50	100		
52	33.9	25.0	37.4



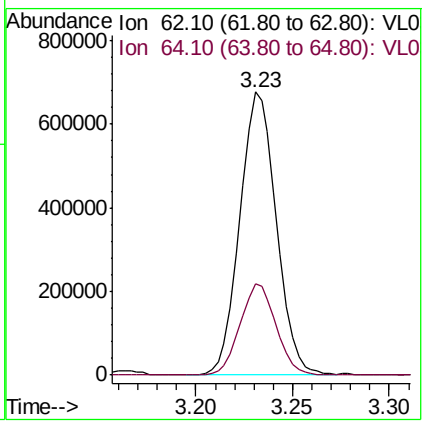


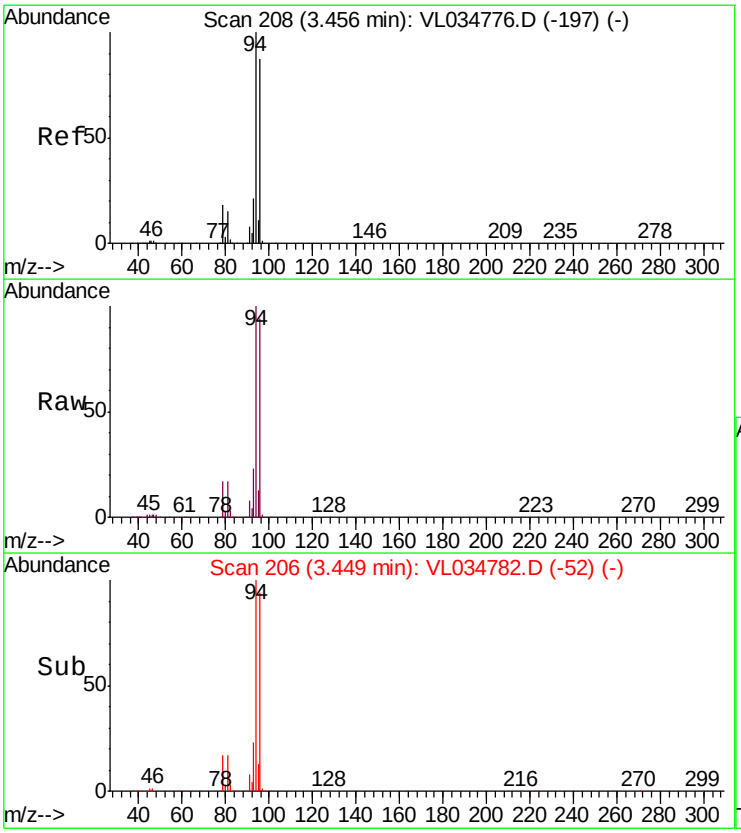
#5
Vinyl Chloride
Concen: 13.752 ppbv
RT: 3.23 min Scan# 138
Delta R.T. -0.00 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 62 Resp: 888920

Ion	Ratio	Lower	Upper
62	100		
64	32.5	25.1	37.7

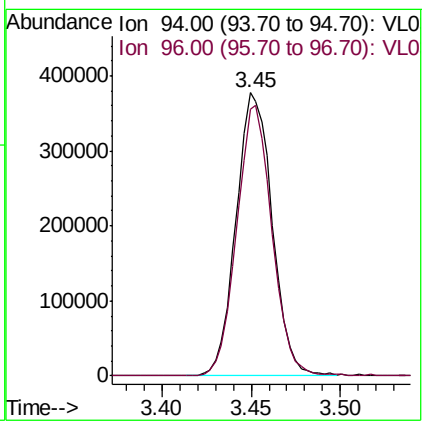


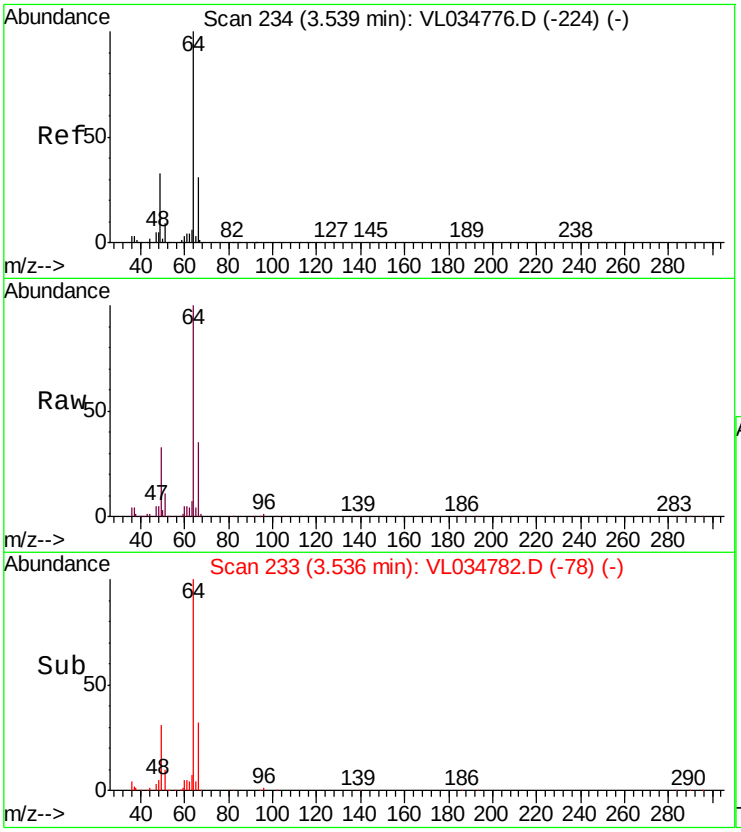


#6
Bromomethane
Concen: 14.173 ppbv
RT: 3.45 min Scan# 206
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Tgt Ion: 94 Resp: 535871

Ion	Ratio	Lower	Upper
94	100		
96	94.4	70.0	105.0



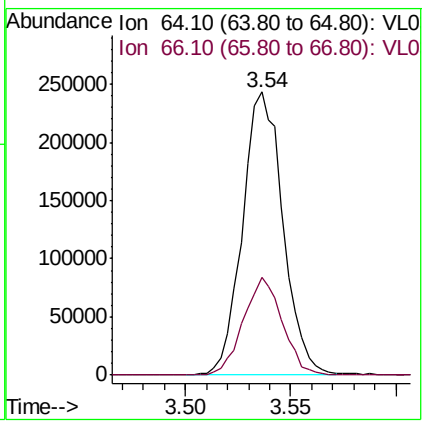


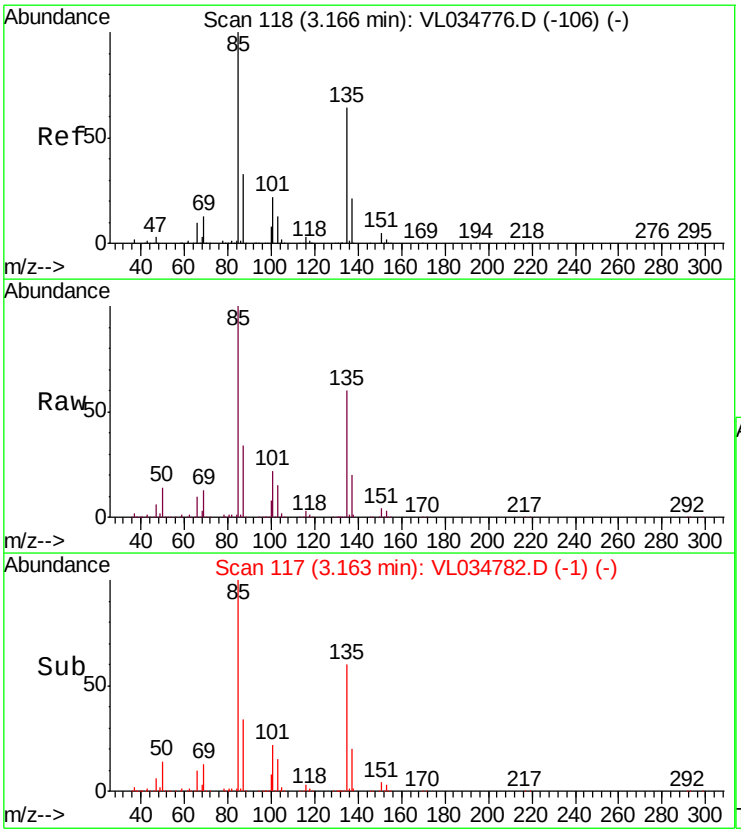
#7
Chloroethane
Concen: 13.603 ppbv
RT: 3.54 min Scan# 233
Delta R.T. -0.00 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 64 Resp: 325177

Ion	Ratio	Lower	Upper
64	100		
66	34.7	24.8	37.2

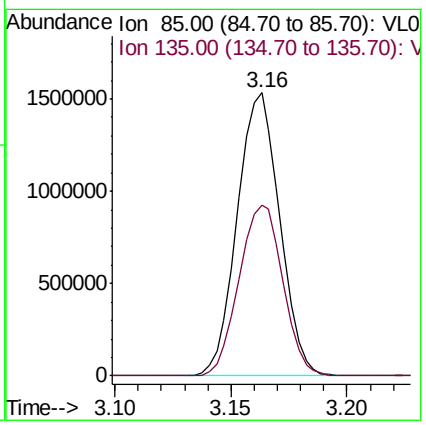


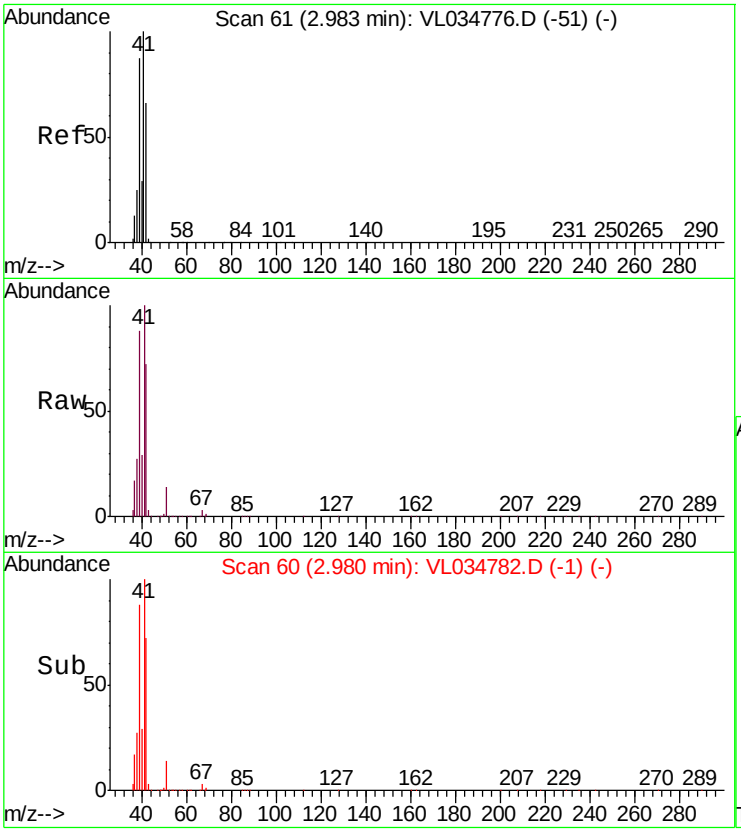


#8
Dichlorotetrafluoroethane
Concen: 12.768 ppbv
RT: 3.16 min Scan# 117
Delta R.T. -0.00 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Tgt Ion: 85 Resp: 1946377

Ion	Ratio	Lower	Upper
85	100		
135	62.5	49.4	74.2



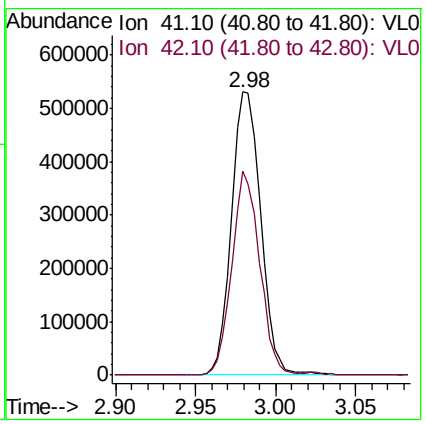


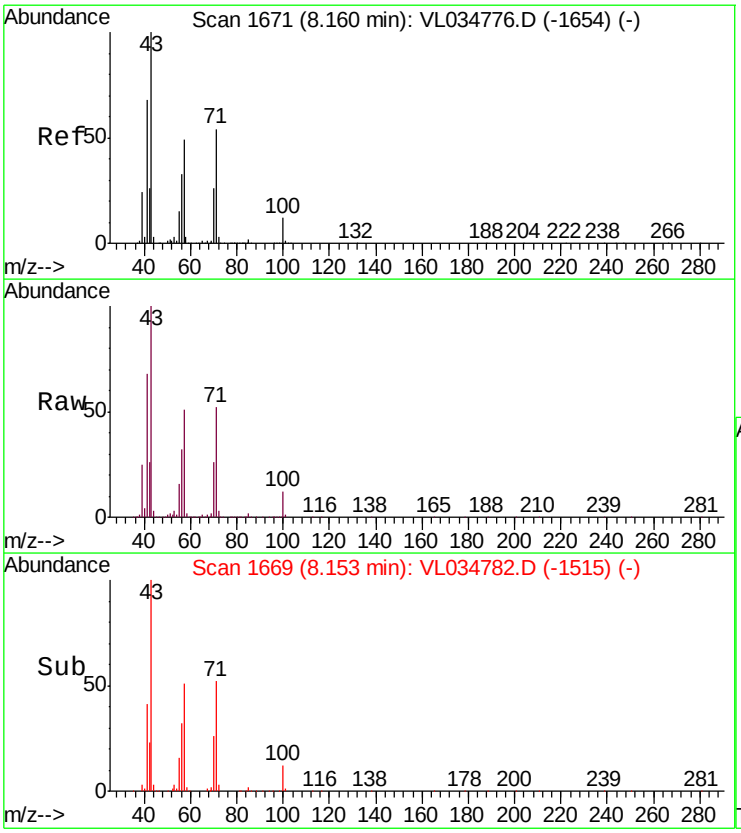
#9
Propene
Concen: 13.358 ppbv
RT: 2.98 min Scan# 60
Delta R.T. -0.00 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 41 Resp: 658011

Ion	Ratio	Lower	Upper
41	100		
42	69.1	55.6	83.4

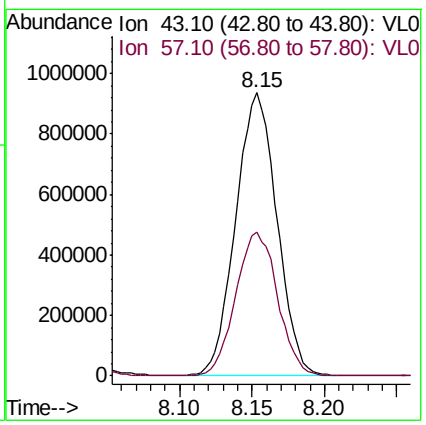


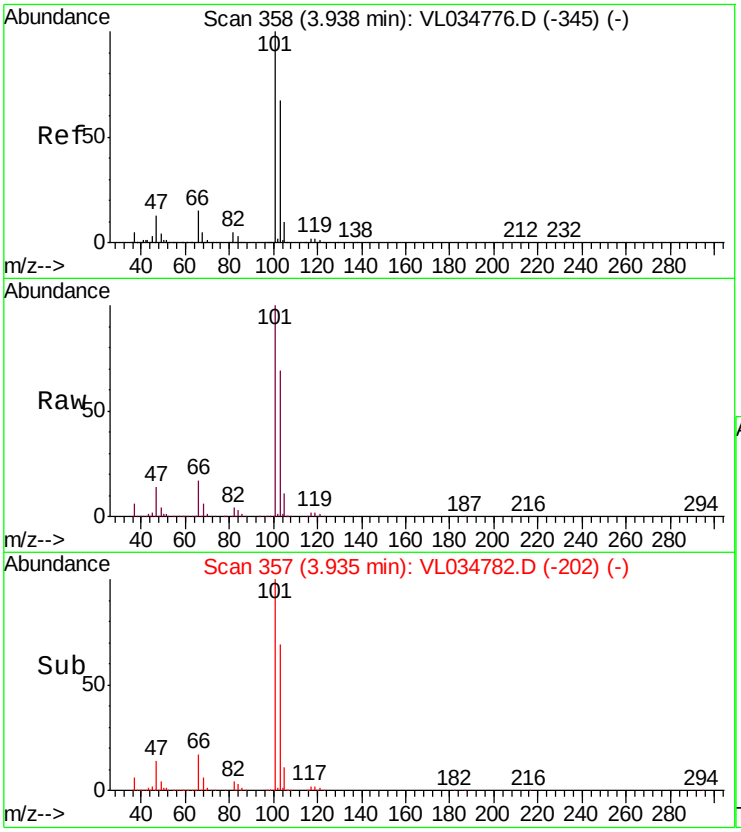


#10
Heptane
Concen: 14.518 ppbv
RT: 8.15 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Tgt Ion: 43 Resp: 1844019

Ion	Ratio	Lower	Upper
43	100		
57	51.8	40.5	60.7



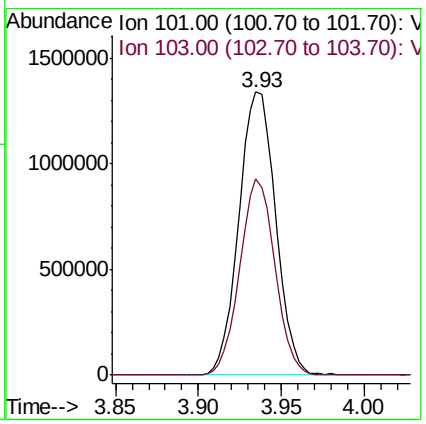


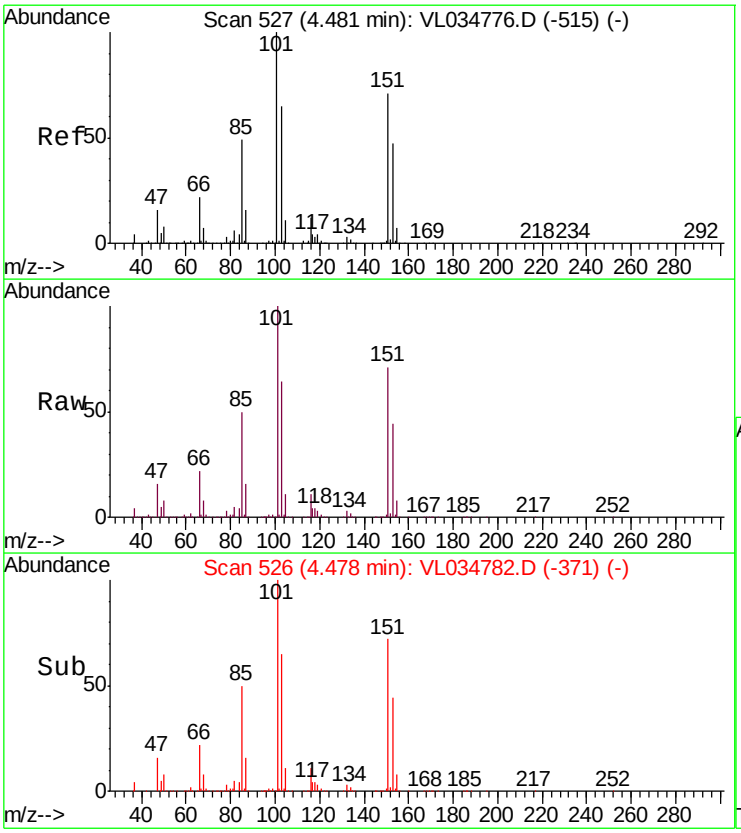
#11
Trichlorofluoromethane
Concen: 13.691 ppbv
RT: 3.93 min Scan# 357
Delta R.T. -0.00 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:101 Resp: 2070741

Ion	Ratio	Lower	Upper
101	100		
103	69.3	53.6	80.4

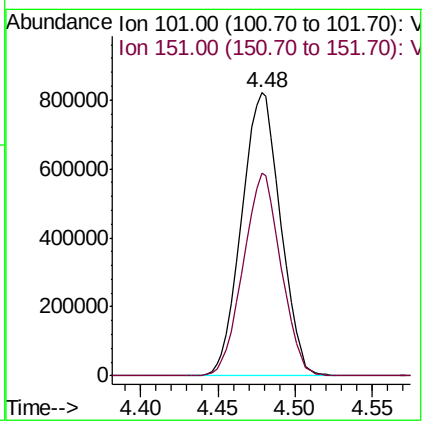


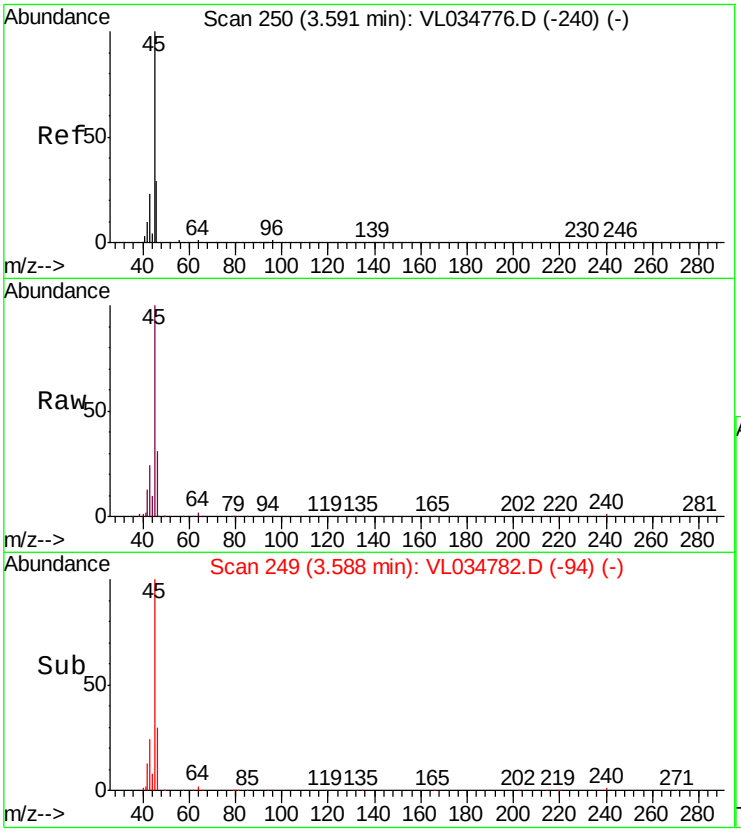


#12
1,1,2-Trichlorotrifluoroethane
Concen: 13.540 ppbv
RT: 4.48 min Scan# 526
Delta R.T. -0.00 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Tgt Ion:101 Resp: 1438193

Ion	Ratio	Lower	Upper
101	100		
151	69.5	56.6	85.0



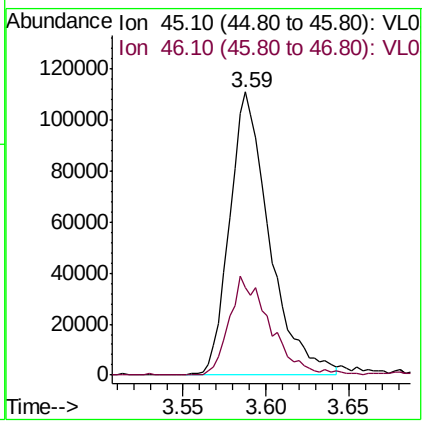


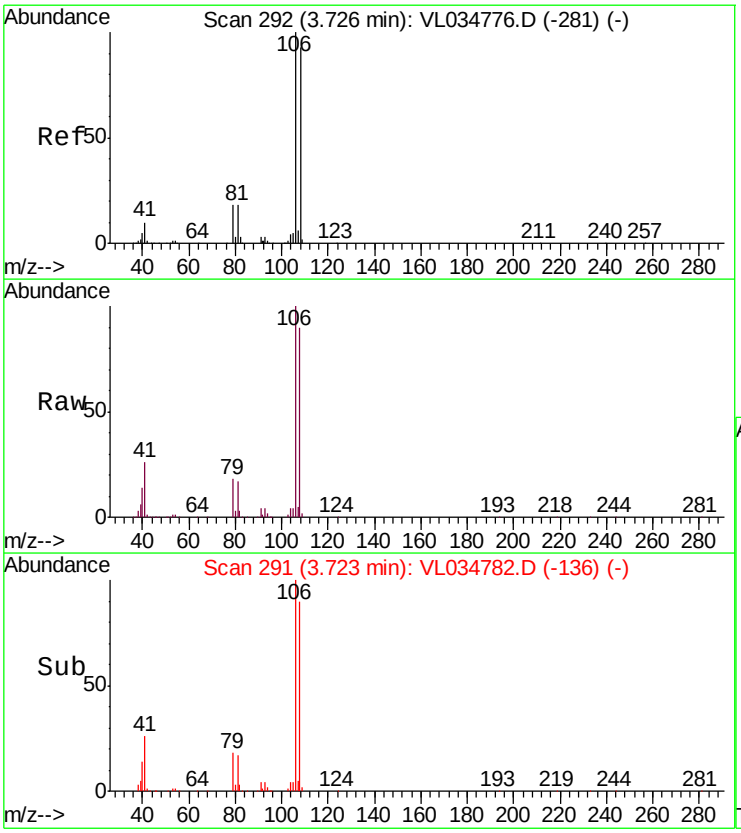
#13
Ethanol
Concen: 11.957 ppbv
RT: 3.59 min Scan# 249
Delta R.T. -0.00 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 45 Resp: 185579

Ion	Ratio	Lower	Upper
45	100		
46	35.9	14.7	58.9

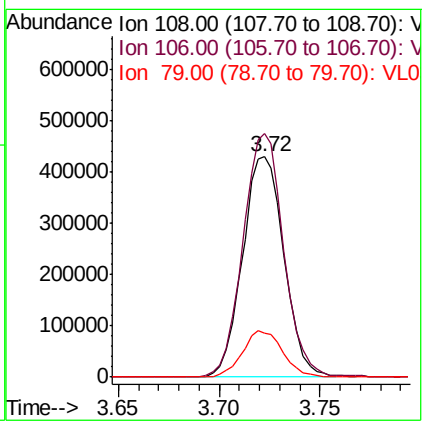


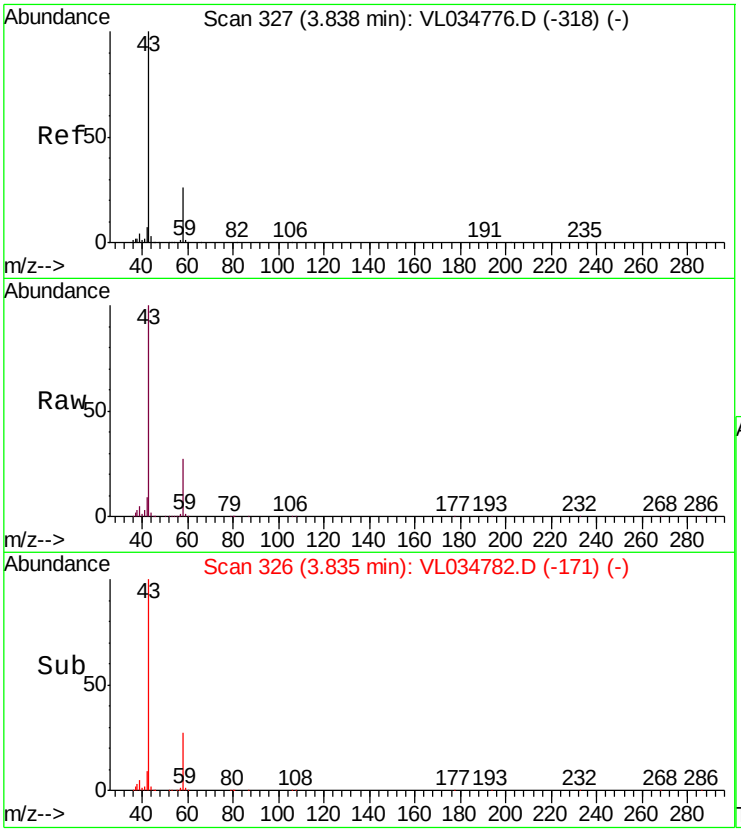


#14
Bromoethene
Concen: 13.912 ppbv
RT: 3.72 min Scan# 291
Delta R.T. -0.00 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Tgt Ion:108 Resp: 619770

Ion	Ratio	Lower	Upper
108	100		
106	108.5	83.5	125.3
79	20.4	15.6	23.4



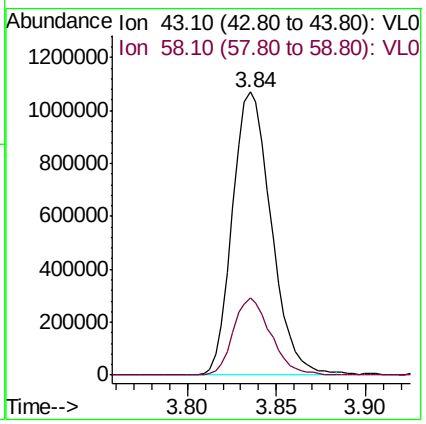


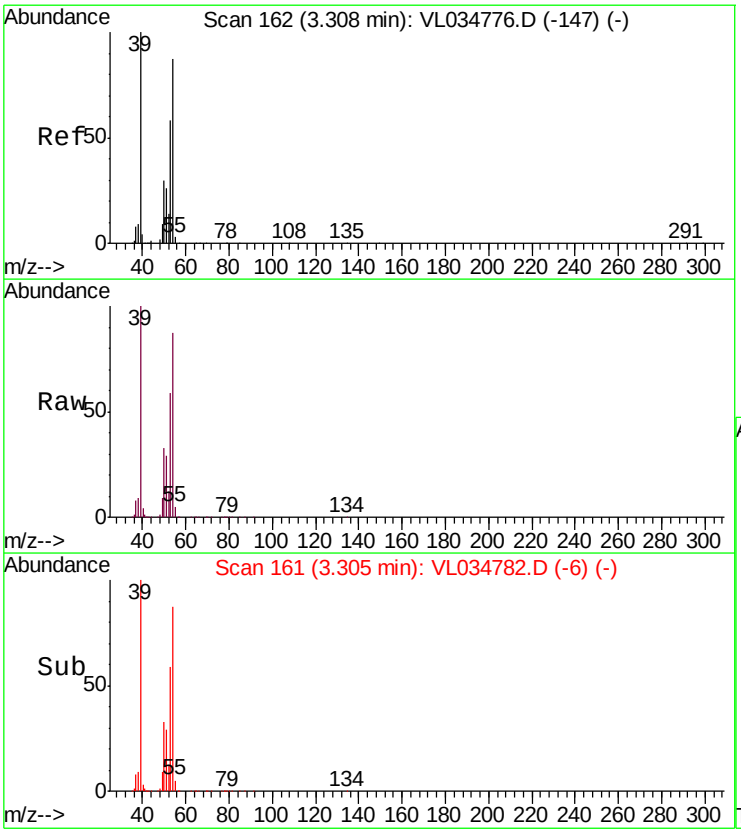
#15
Acetone
Concen: 12.964 ppbv
RT: 3.84 min Scan# 326
Delta R.T. -0.00 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 43 Resp: 1618757

Ion	Ratio	Lower	Upper
43	100		
58	26.5	21.0	31.6

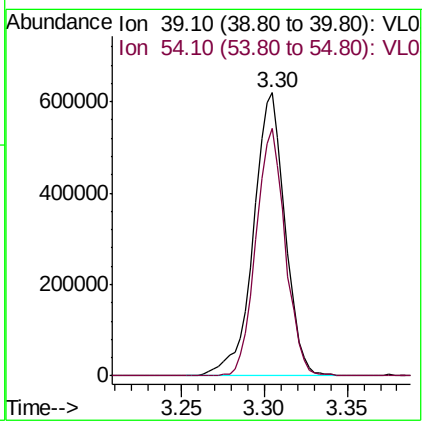


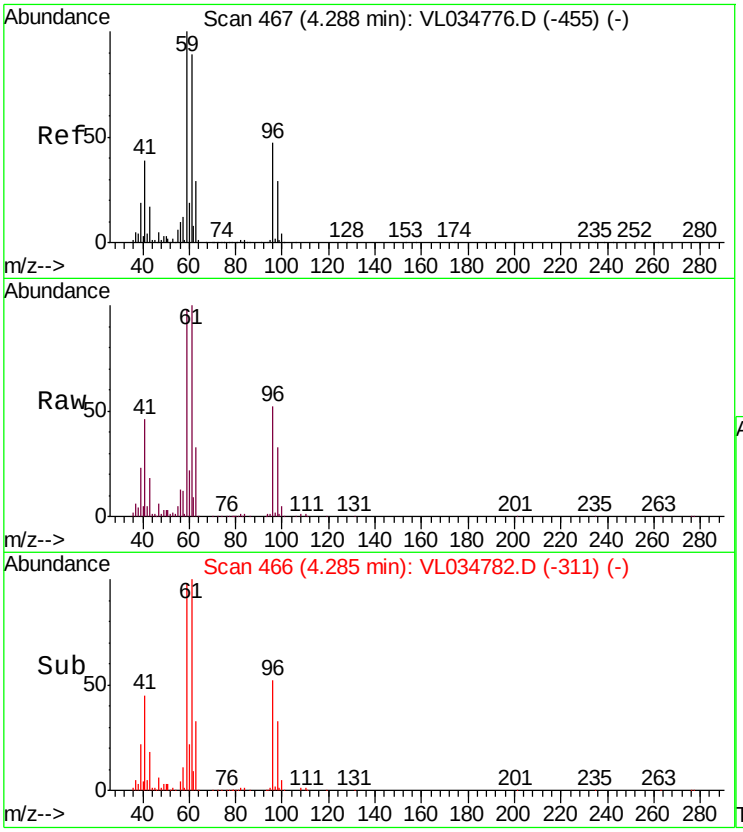


#16
1,3-Butadiene
Concen: 14.101 ppbv
RT: 3.30 min Scan# 161
Delta R.T. -0.00 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Tgt Ion: 39 Resp: 817146

Ion	Ratio	Lower	Upper
39	100		
54	81.5	64.2	96.2



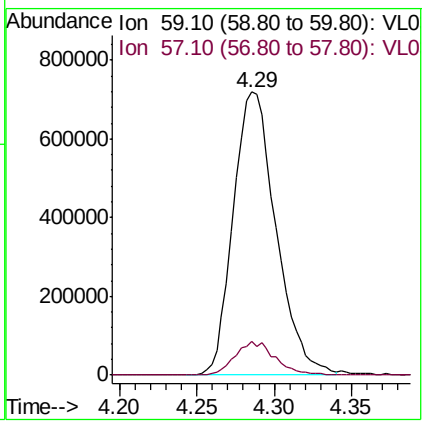


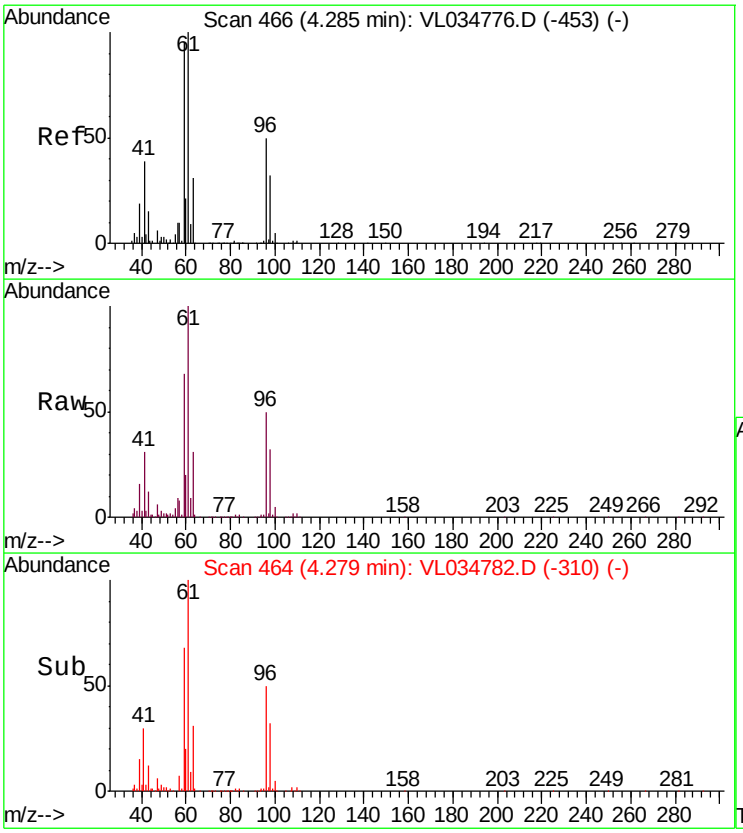
#17
tert-Butyl alcohol
Concen: 14.441 ppbv
RT: 4.29 min Scan# 466
Delta R.T. -0.00 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 59 Resp: 1382467

Ion	Ratio	Lower	Upper
59	100		
57	11.3	8.6	13.0

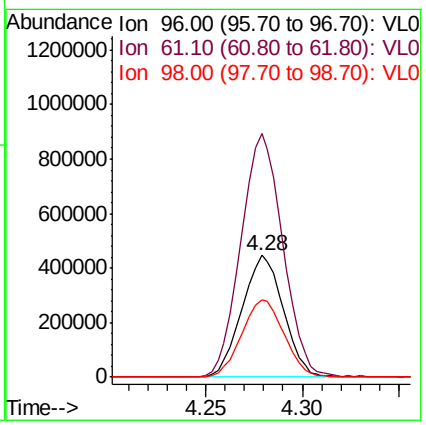


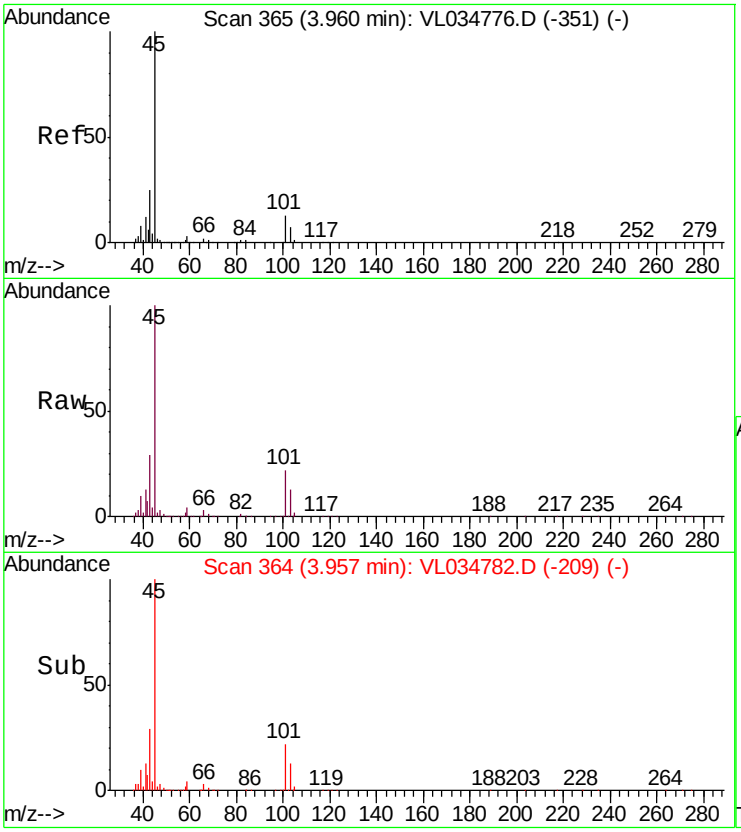


#18
1,1-Dichloroethene
Concen: 13.937 ppbv
RT: 4.28 min Scan# 464
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Tgt Ion: 96 Resp: 664820

Ion	Ratio	Lower	Upper
96	100		
61	199.9	159.5	239.3
98	63.9	51.1	76.7



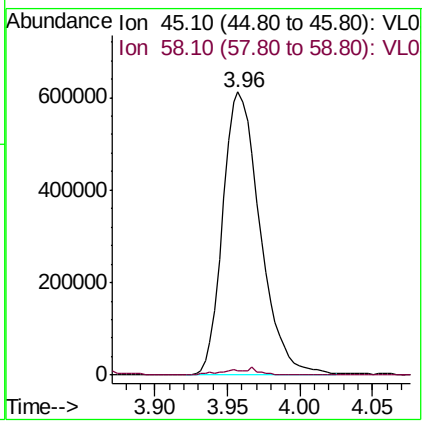


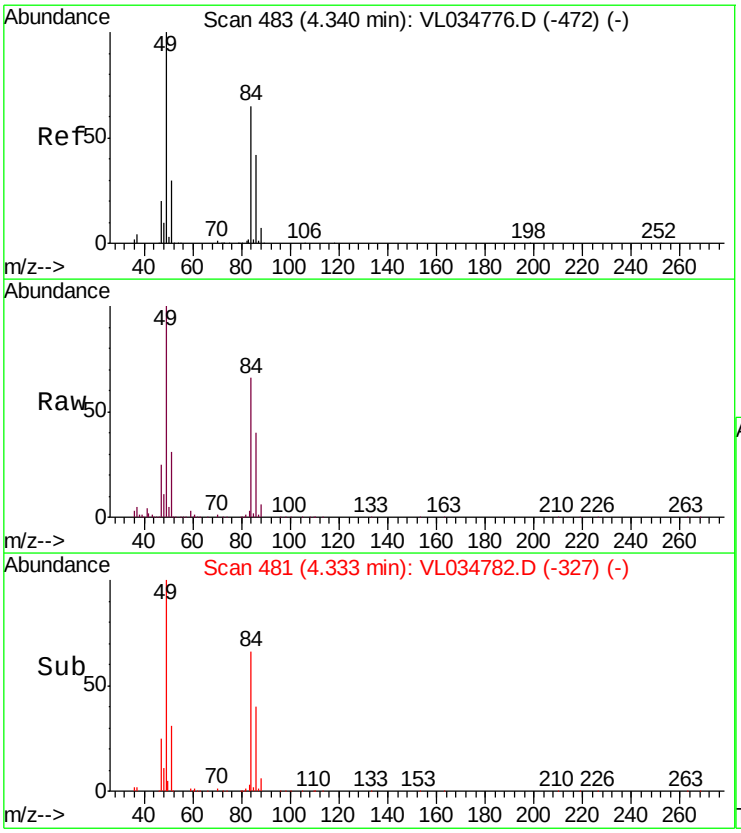
#19
Isopropyl Alcohol
Concen: 14.661 ppbv
RT: 3.96 min Scan# 364
Delta R.T. -0.00 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 45 Resp: 1092016

Ion	Ratio	Lower	Upper
45	100		
58	2.0	1.8	2.8

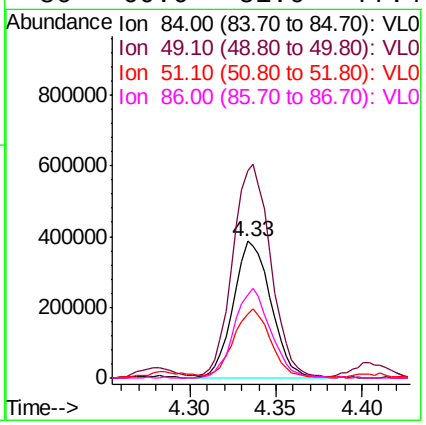


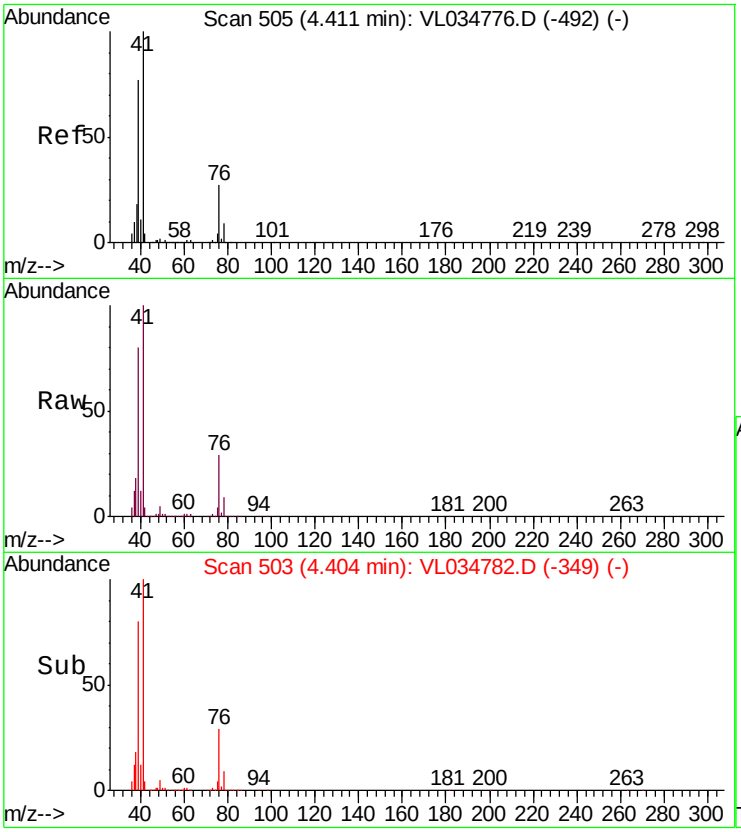


#20
Methylene Chloride
Concen: 12.721 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Tgt Ion: 84 Resp: 588412

Ion	Ratio	Lower	Upper
84	100		
49	149.7	123.2	184.8
51	46.7	37.4	56.2
86	60.6	51.6	77.4



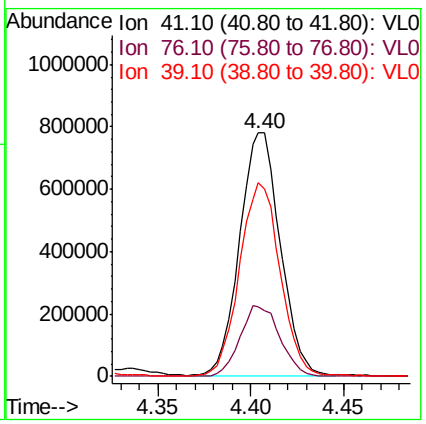


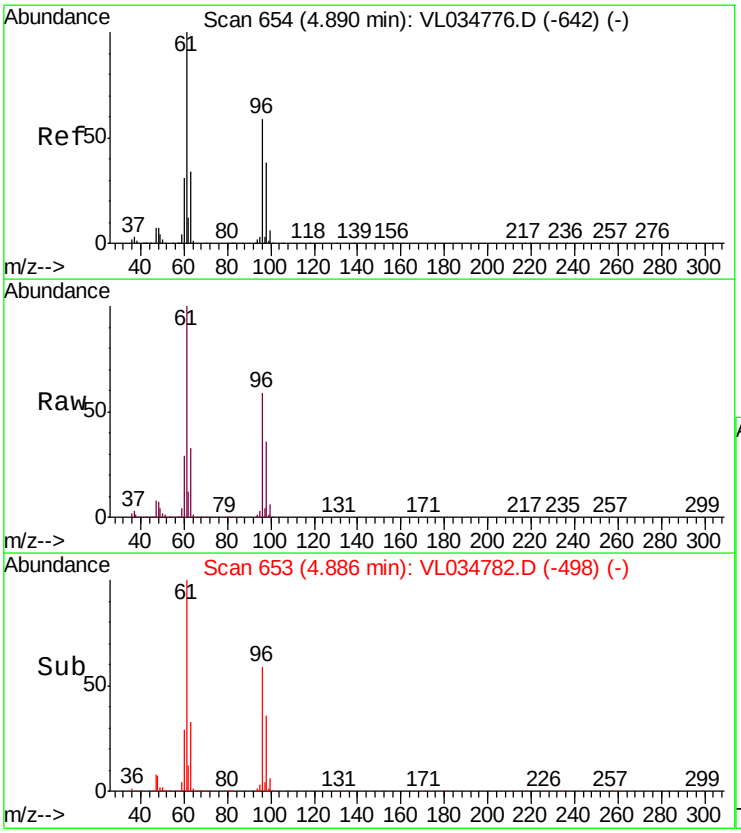
#21
Allyl Chloride
Concen: 14.409 ppbv
RT: 4.40 min Scan# 503
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 41 Resp: 1178477

Ion	Ratio	Lower	Upper
41	100		
76	28.9	22.5	33.7
39	80.4	65.0	97.6

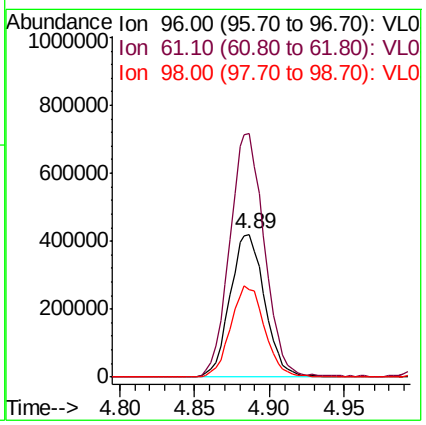


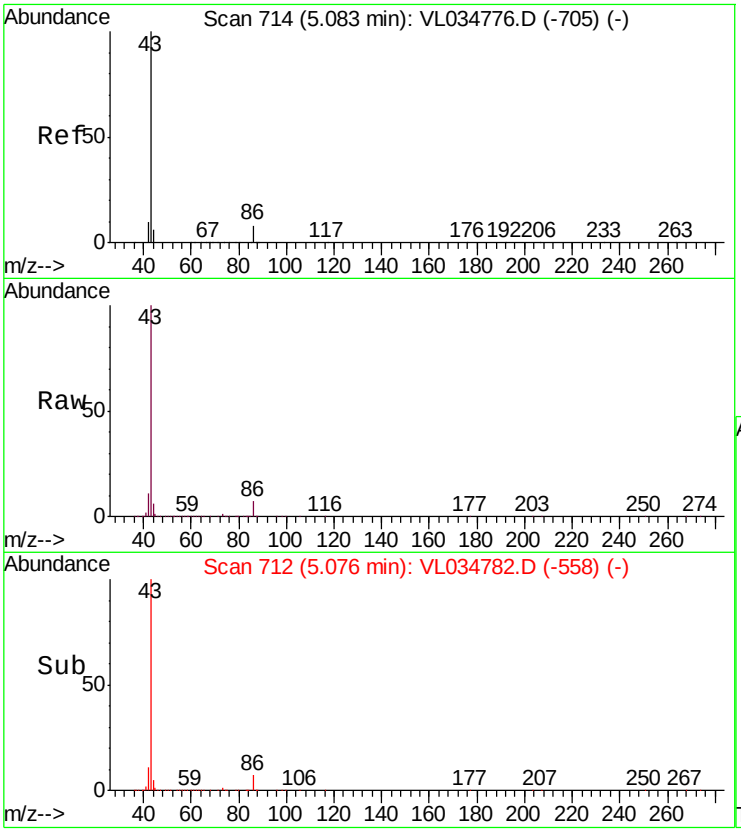


#22
trans-1,2-Dichloroethene
Concen: 14.701 ppbv
RT: 4.89 min Scan# 653
Delta R.T. -0.00 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Tgt Ion: 96 Resp: 677420

Ion	Ratio	Lower	Upper
96	100		
61	170.4	135.2	202.8
98	61.0	50.8	76.2



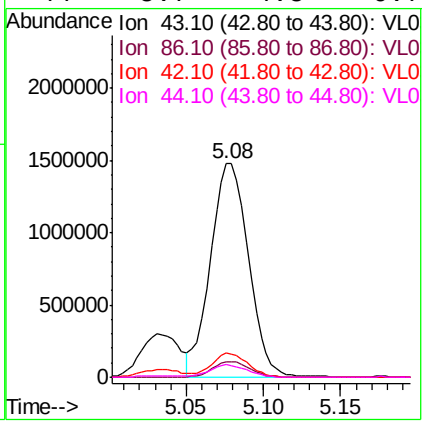


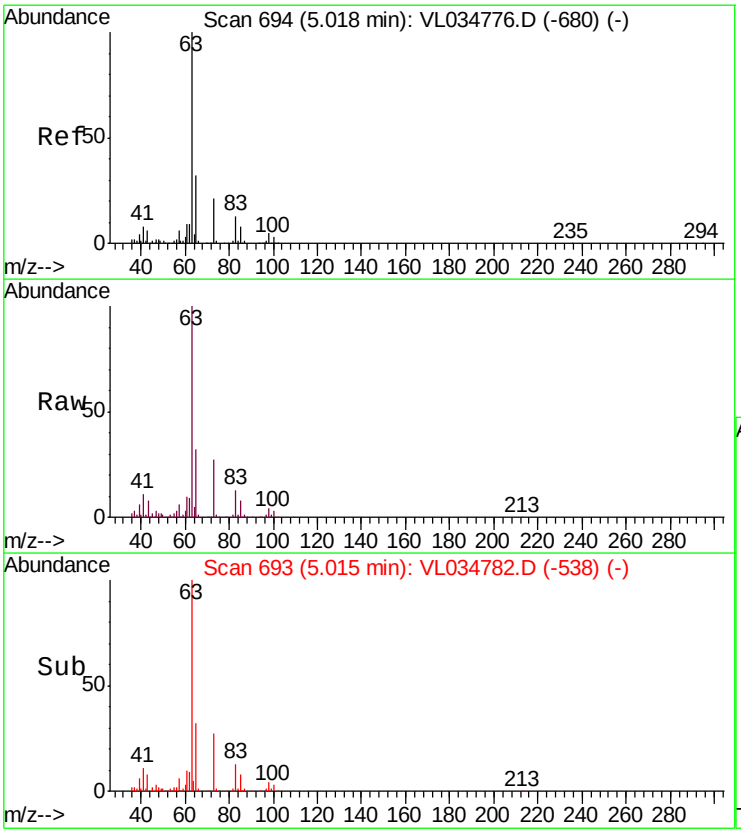
#23
Vinyl Acetate
Concen: 14.842 ppbv
RT: 5.08 min Scan# 712
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 43 Resp: 2519172

Ion	Ratio	Lower	Upper
43	100		
86	7.2	5.9	8.9
42	11.2	8.2	12.2
44	5.7	4.5	6.7

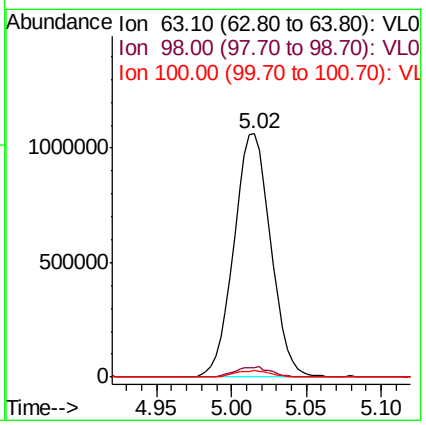


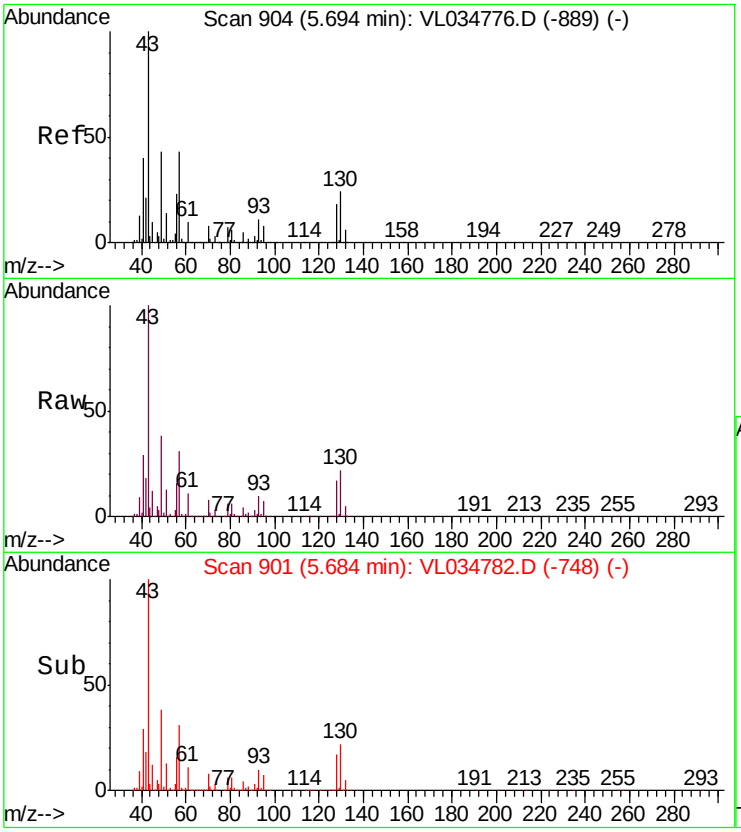


#24
1,1-Dichloroethane
Concen: 13.477 ppbv
RT: 5.02 min Scan# 693
Delta R.T. -0.00 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Tgt Ion: 63 Resp: 1820580

Ion	Ratio	Lower	Upper
63	100		
98	4.0	2.3	6.8
100	2.8	1.5	4.4



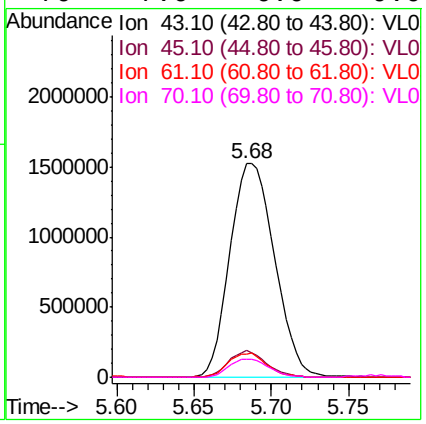


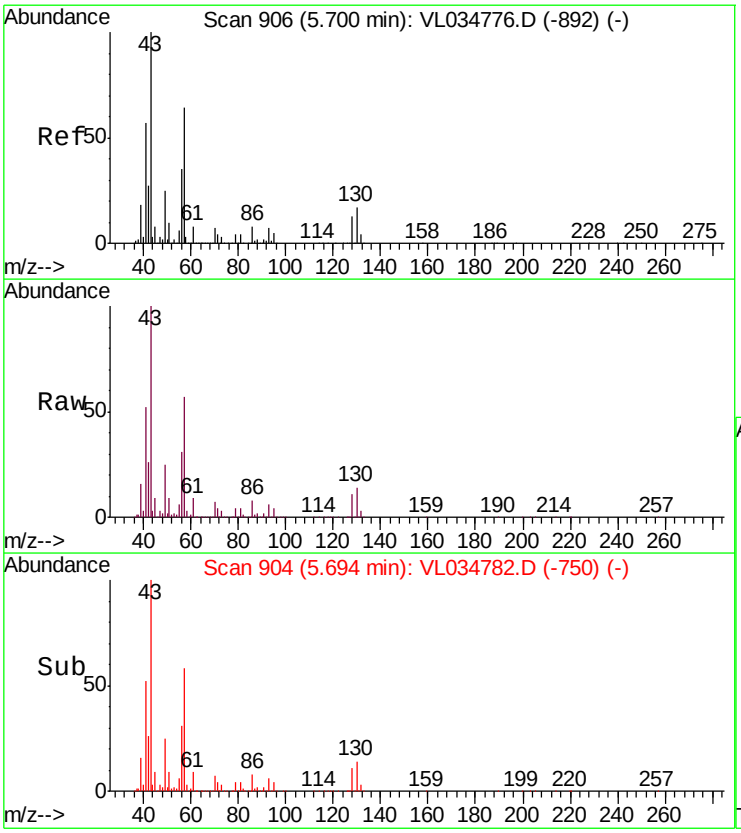
#25
Ethyl Acetate
Concen: 13.811 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 43 Resp: 3053977

Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.2	12.4
61	9.7	7.5	11.3
70	7.6	6.0	9.0

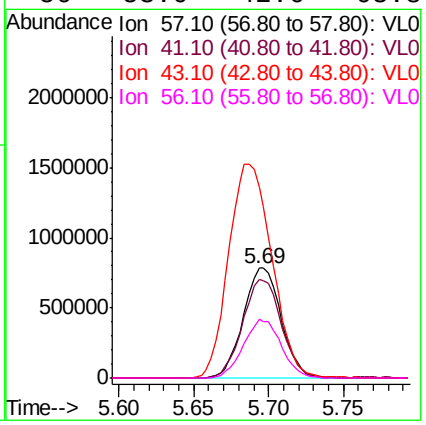


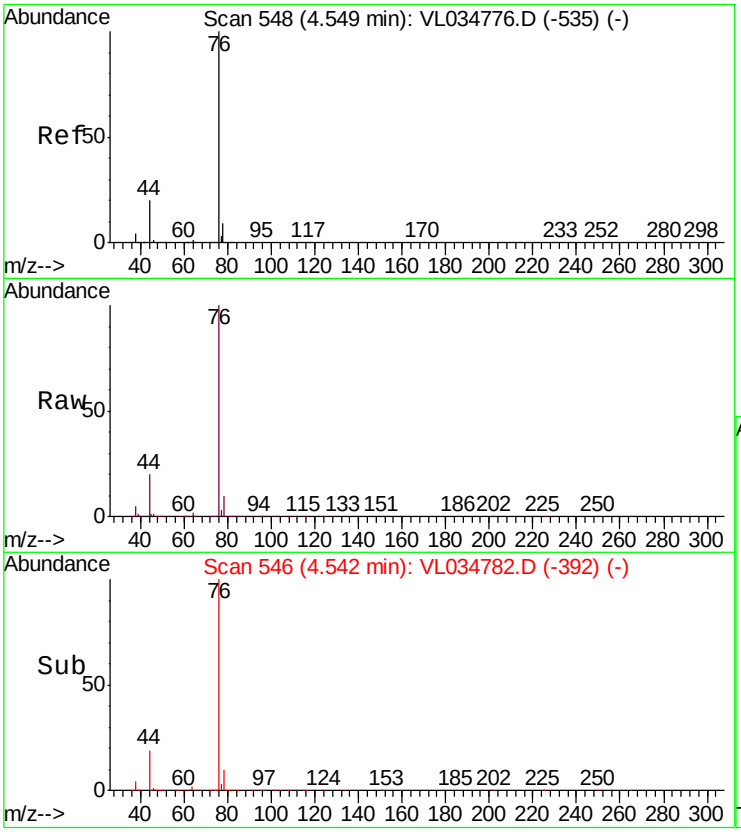


#26
Hexane
Concen: 13.561 ppbv
RT: 5.69 min Scan# 904
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Tgt Ion: 57 Resp: 1378145

Ion	Ratio	Lower	Upper
57	100		
41	92.0	72.0	108.0
43	222.8	179.1	268.7
56	53.0	42.6	63.8



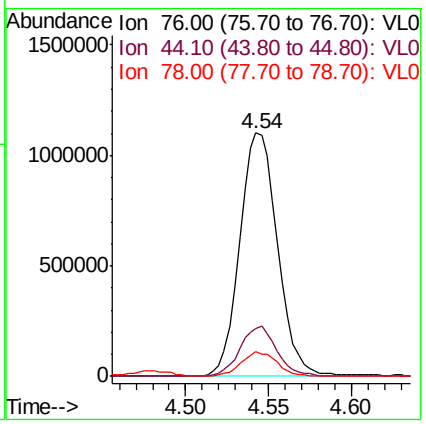


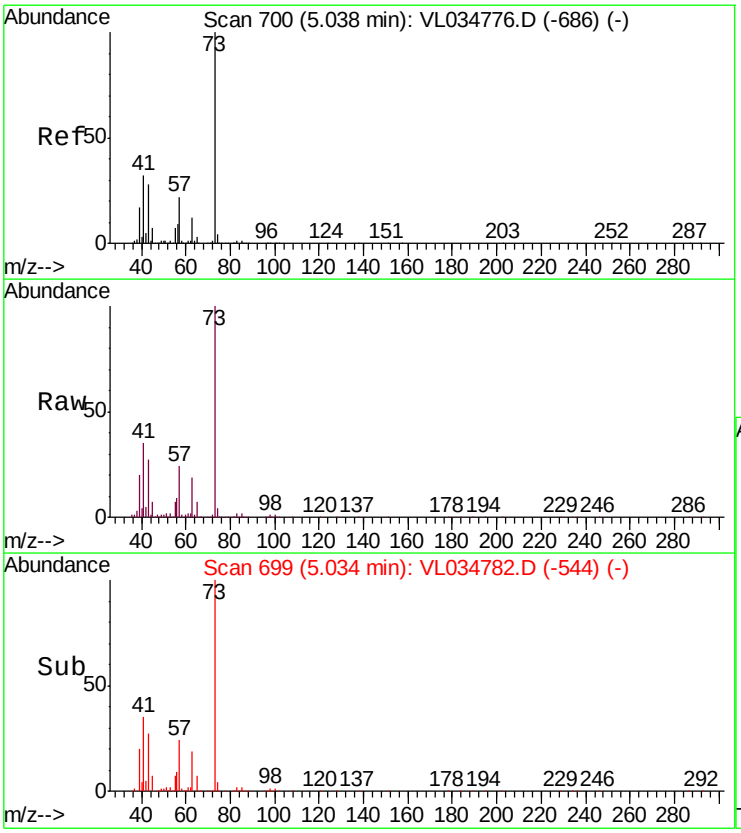
#27
Carbon Disulfide
Concen: 15.313 ppbv
RT: 4.54 min Scan# 546
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 76 Resp: 1747795

Ion	Ratio	Lower	Upper
76	100		
44	19.6	16.1	24.1
78	9.7	7.5	11.3

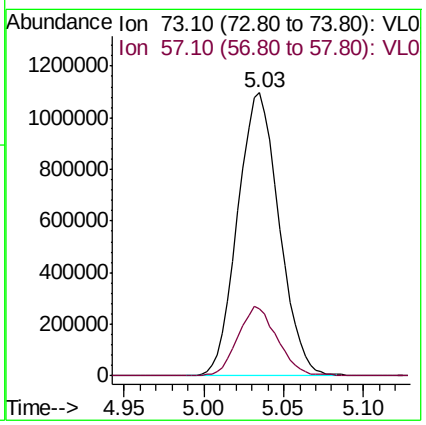


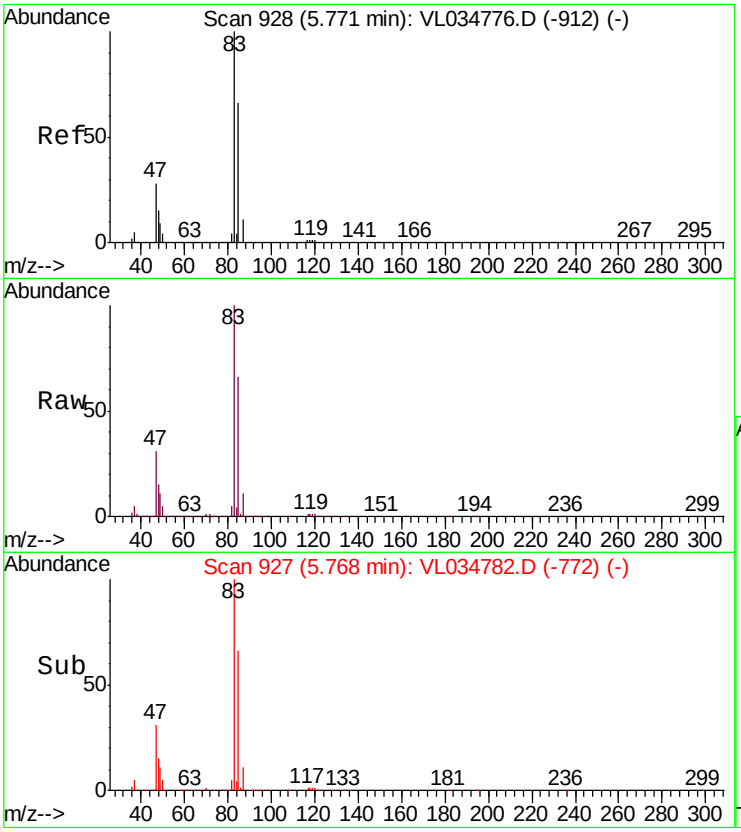


#28
Methyl tert-Butyl Ether
Concen: 13.440 ppbv
RT: 5.03 min Scan# 699
Delta R.T. -0.00 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Tgt Ion: 73 Resp: 1948082

Ion	Ratio	Lower	Upper
73	100		
57	23.4	18.5	27.7



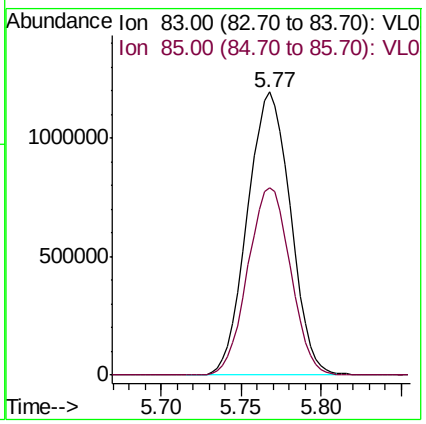


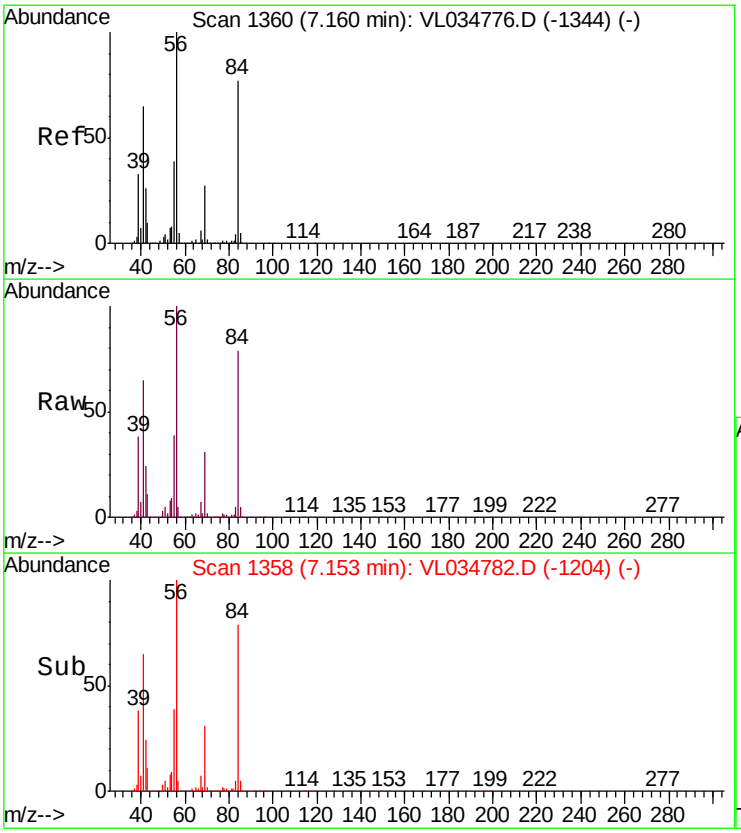
#29
Chloroform
Concen: 13.648 ppbv
RT: 5.77 min Scan# 927
Delta R.T. -0.00 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 83 Resp: 2211487

Ion	Ratio	Lower	Upper
83	100		
85	66.2	53.0	79.4

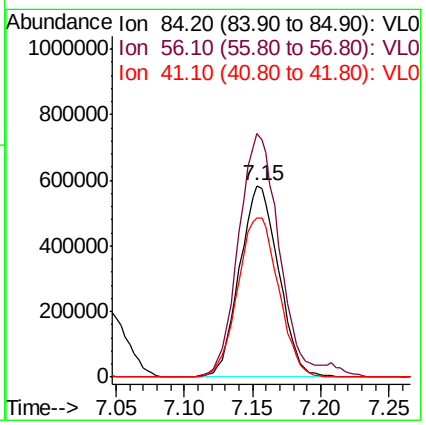


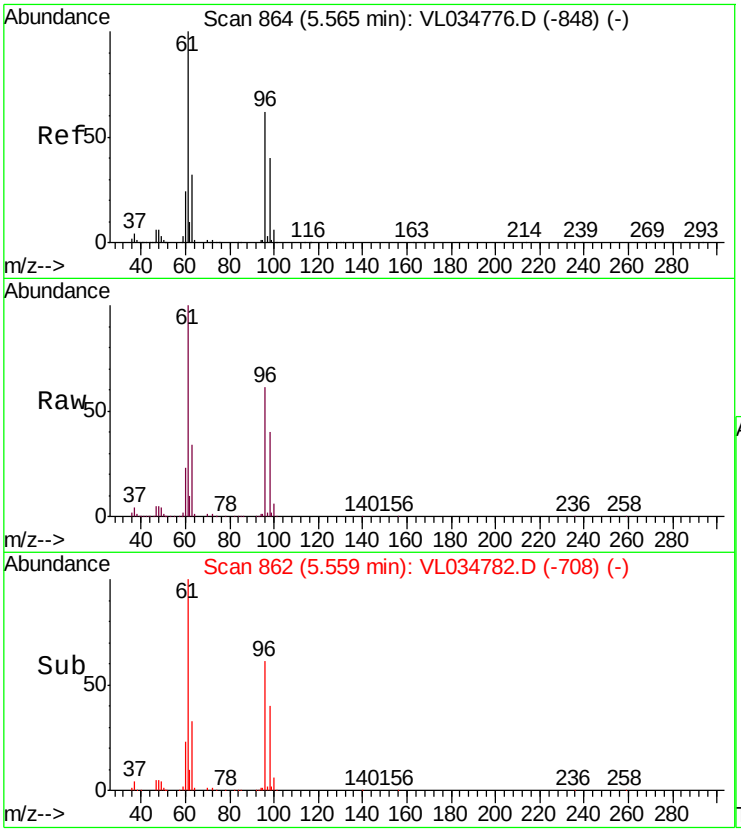


#30
Cyclohexane
Concen: 14.623 ppbv
RT: 7.15 min Scan# 1358
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Tgt Ion: 84 Resp: 1152950

Ion	Ratio	Lower	Upper
84	100		
56	136.3	113.2	169.8
41	87.4	70.2	105.4



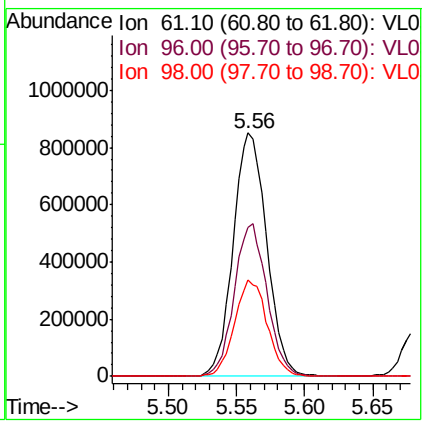


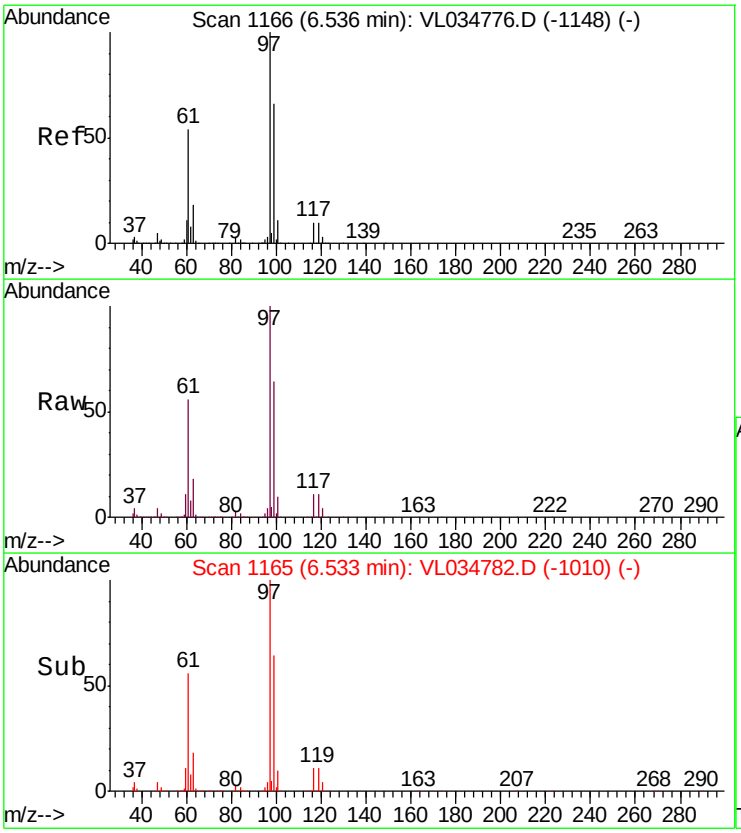
#31
cis-1,2-Dichloroethene
Concen: 14.510 ppbv
RT: 5.56 min Scan# 862
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 61 Resp: 1452177

Ion	Ratio	Lower	Upper
61	100		
96	61.1	49.7	74.5
98	39.8	31.9	47.9

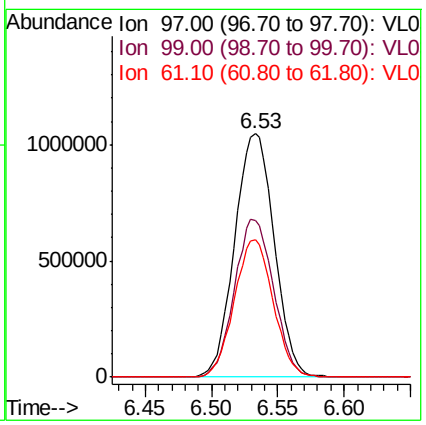


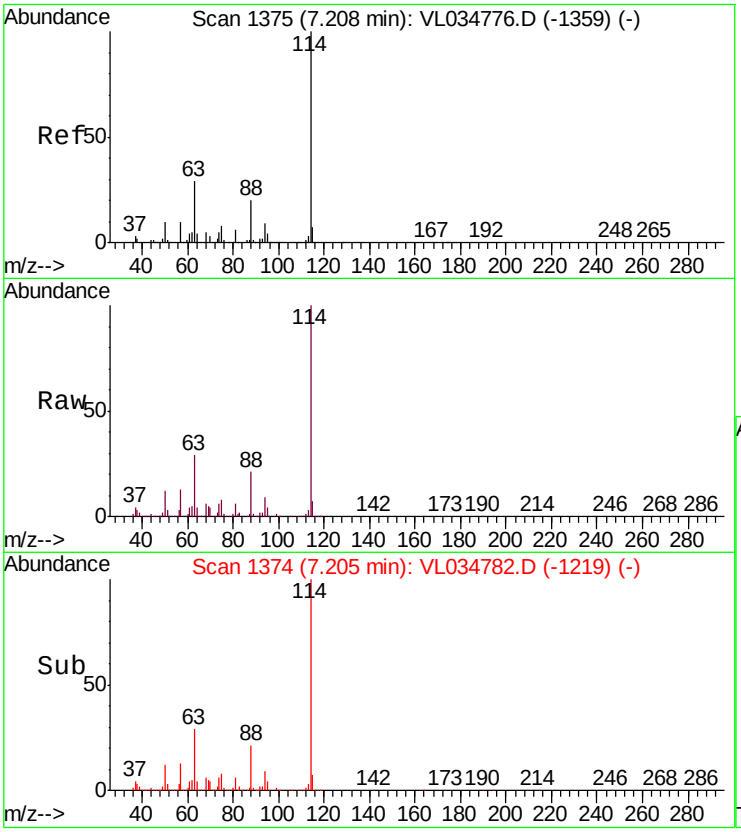


#32
1,1,1-Trichloroethane
Concen: 14.302 ppbv
RT: 6.53 min Scan# 1165
Delta R.T. -0.00 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Tgt Ion: 97 Resp: 2173007

Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.7	77.5
61	55.6	43.4	65.0



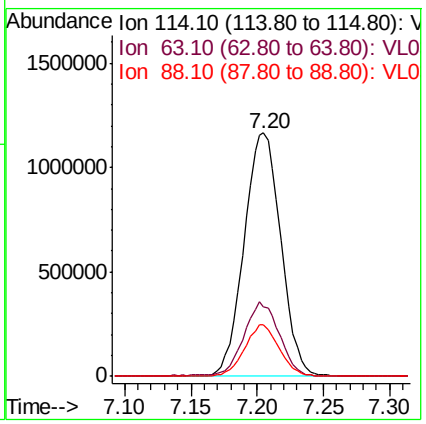


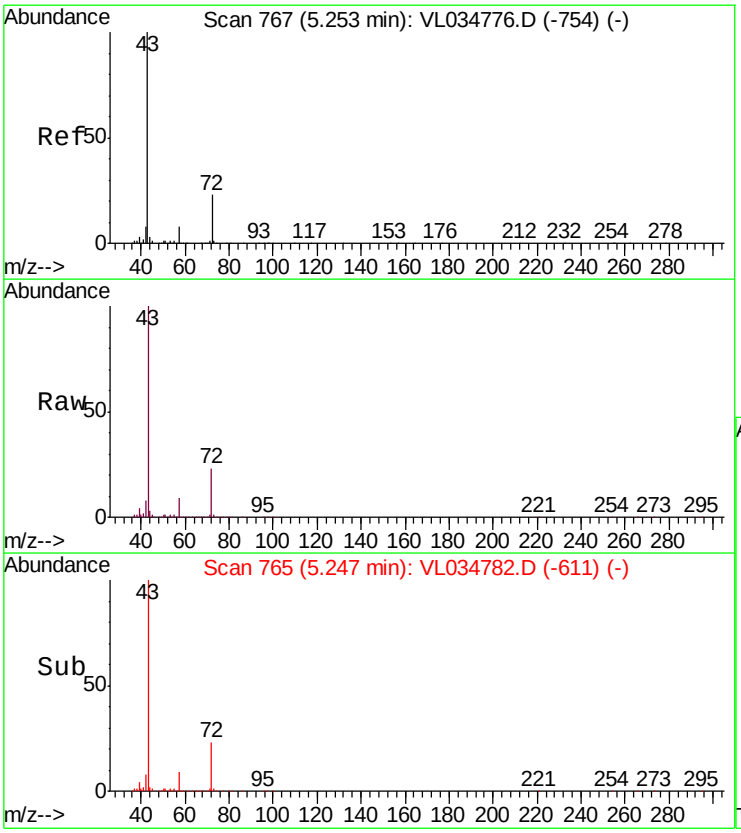
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1374
Delta R.T. -0.00 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:114 Resp: 2246425

Ion	Ratio	Lower	Upper
114	100		
63	30.0	23.6	35.4
88	20.0	15.8	23.8

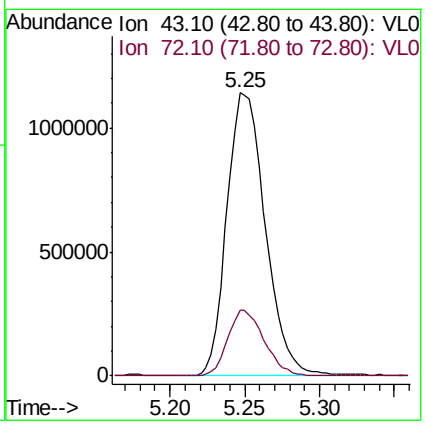


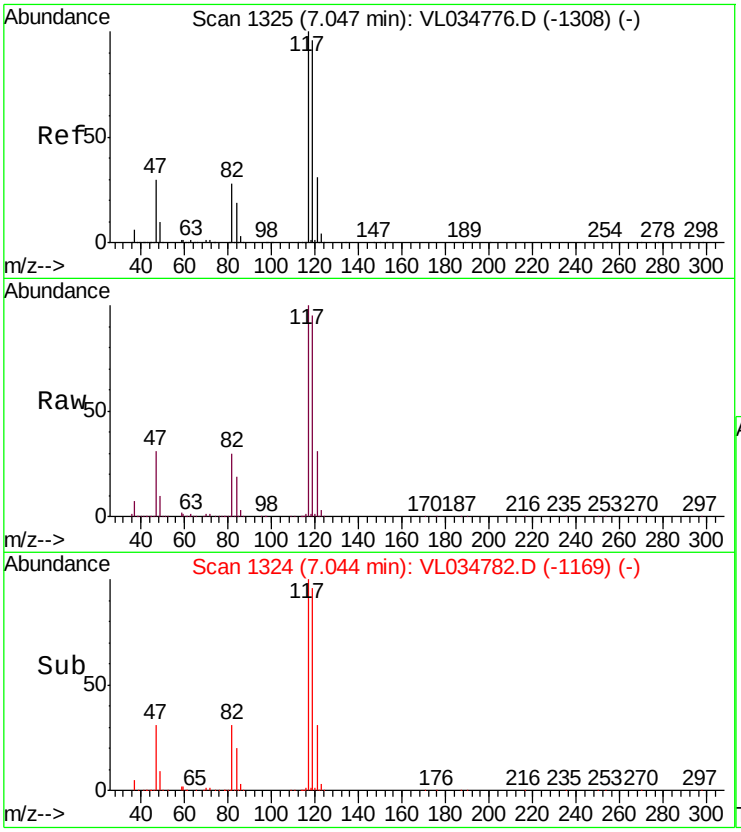


#34
2-Butanone
Concen: 14.342 ppbv
RT: 5.25 min Scan# 765
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Tgt Ion: 43 Resp: 2035082

Ion	Ratio	Lower	Upper
43	100		
72	22.4	17.5	26.3



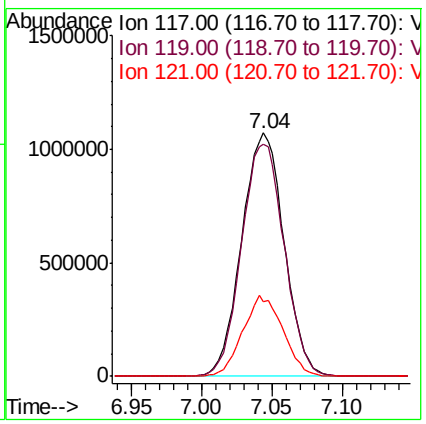


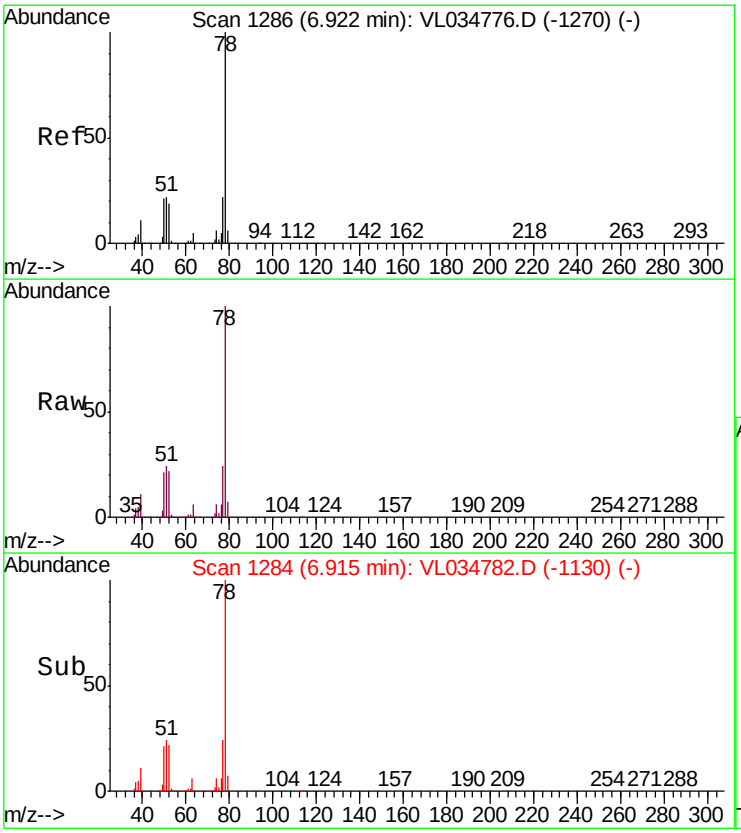
#35
Carbon Tetrachloride
Concen: 14.945 ppbv
RT: 7.04 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:117 Resp: 2250596

Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.8	115.2
121	30.7	24.6	37.0

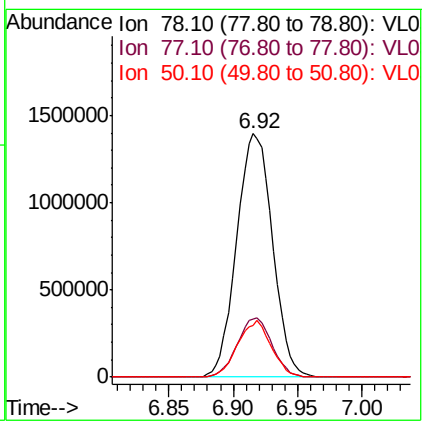


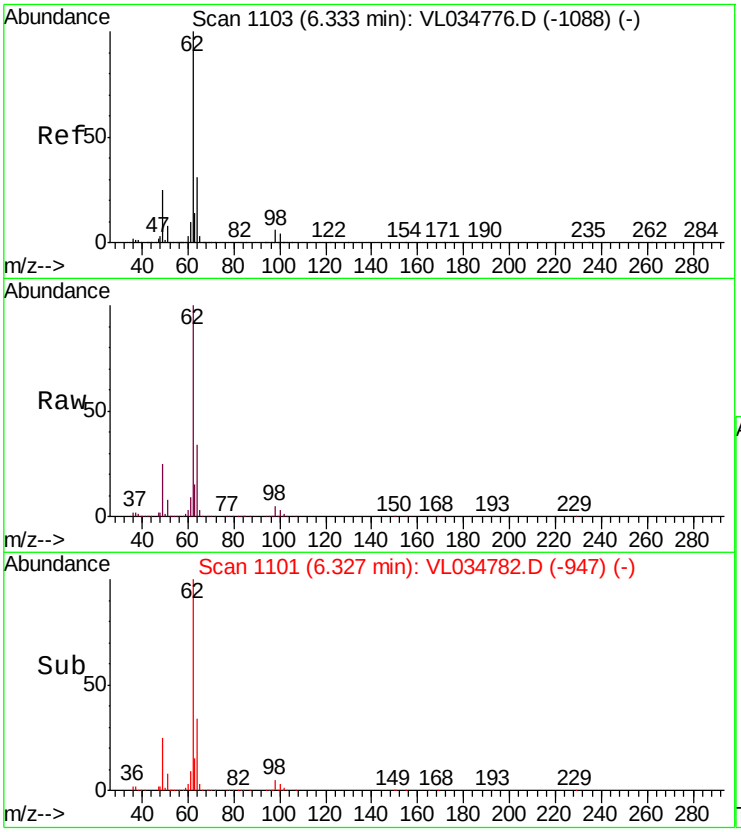


#36
Benzene
Concen: 13.975 ppbv
RT: 6.92 min Scan# 1284
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Tgt Ion: 78 Resp: 2705151

Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.0	27.0
50	21.2	16.9	25.3



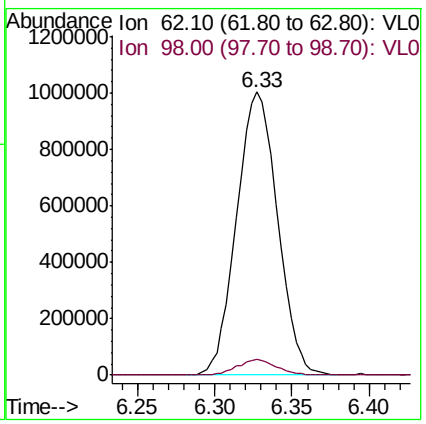


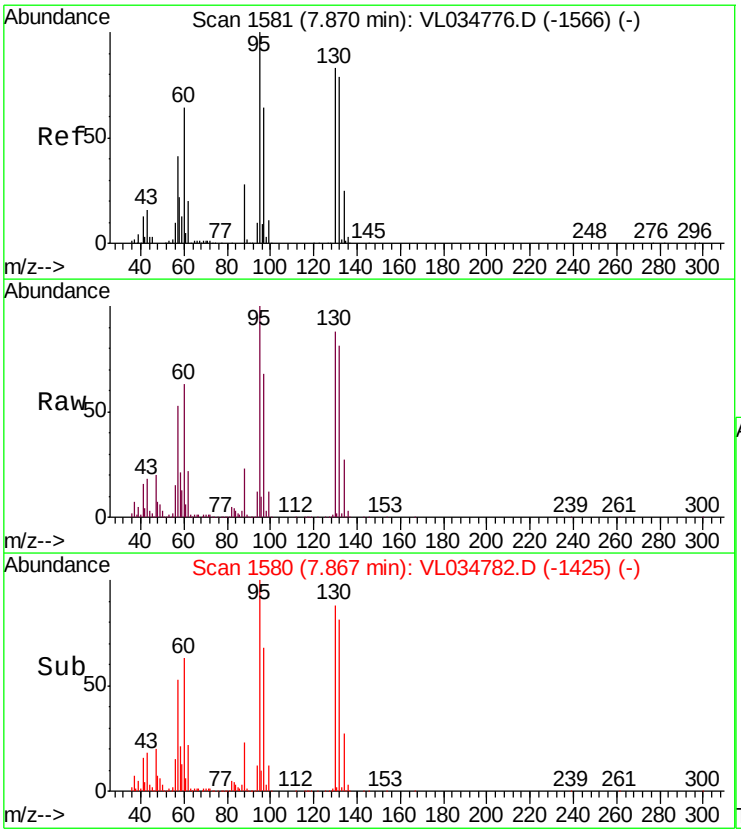
#37
1,2-Dichloroethane
Concen: 15.022 ppbv
RT: 6.33 min Scan# 1101
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 62 Resp: 1850295

Ion	Ratio	Lower	Upper
62	100		
98	5.4	4.4	6.6

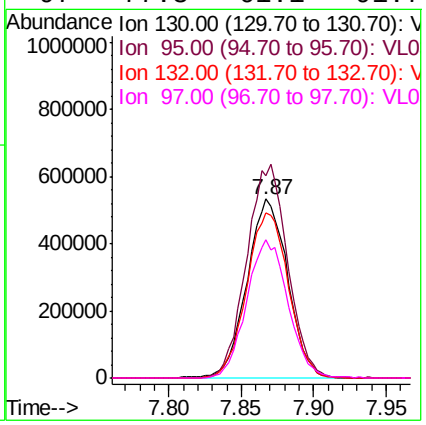


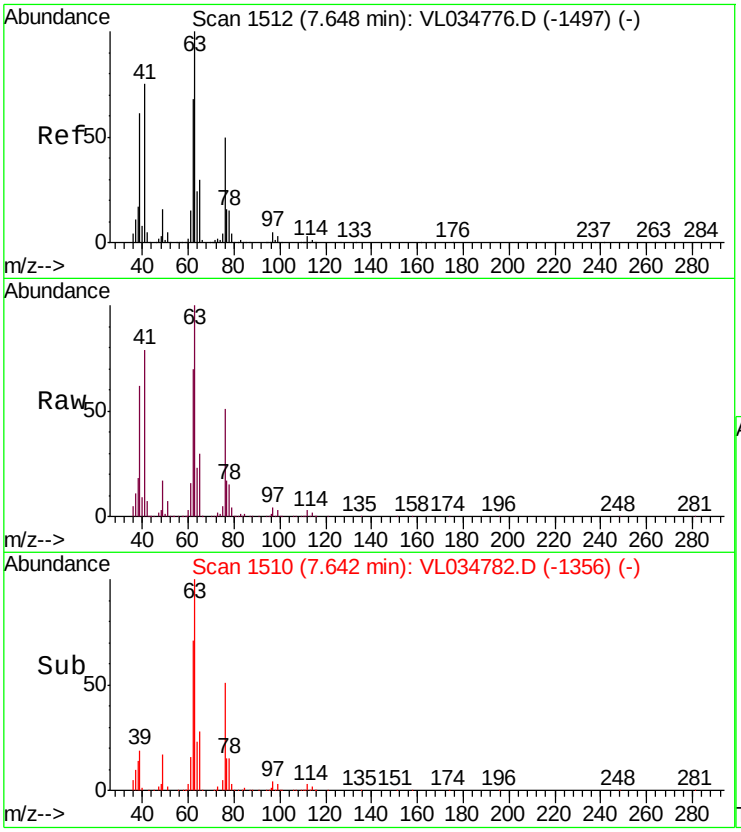


#38
Trichloroethene
Concen: 13.909 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. -0.00 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Tgt Ion:130 Resp: 1039688

Ion	Ratio	Lower	Upper
130	100		
95	113.3	95.8	143.8
132	92.2	76.1	114.1
97	77.3	61.1	91.7



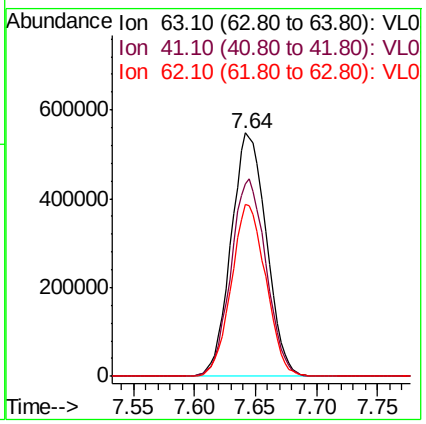


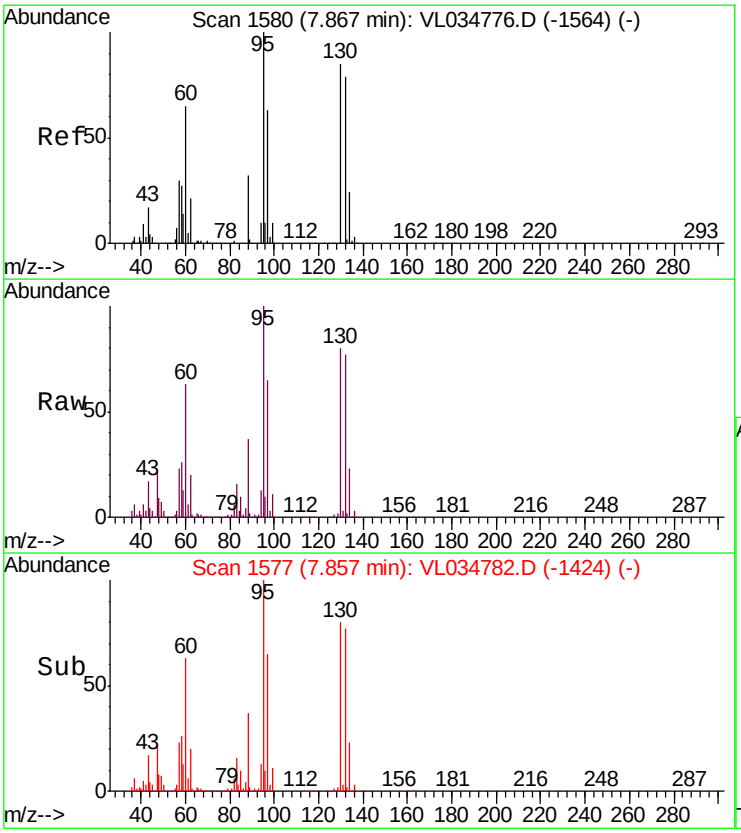
#39
1,2-Dichloropropane
Concen: 14.303 ppbv
RT: 7.64 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 63 Resp: 1098812

Ion	Ratio	Lower	Upper
63	100		
41	78.7	60.3	90.5
62	70.4	54.5	81.7

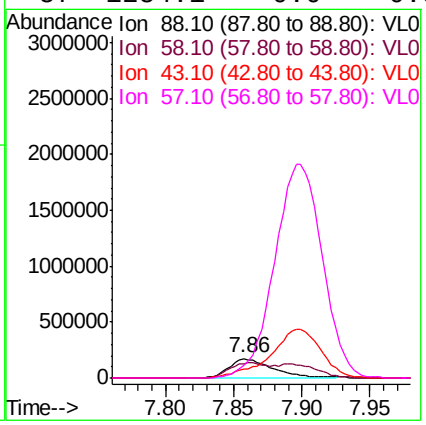


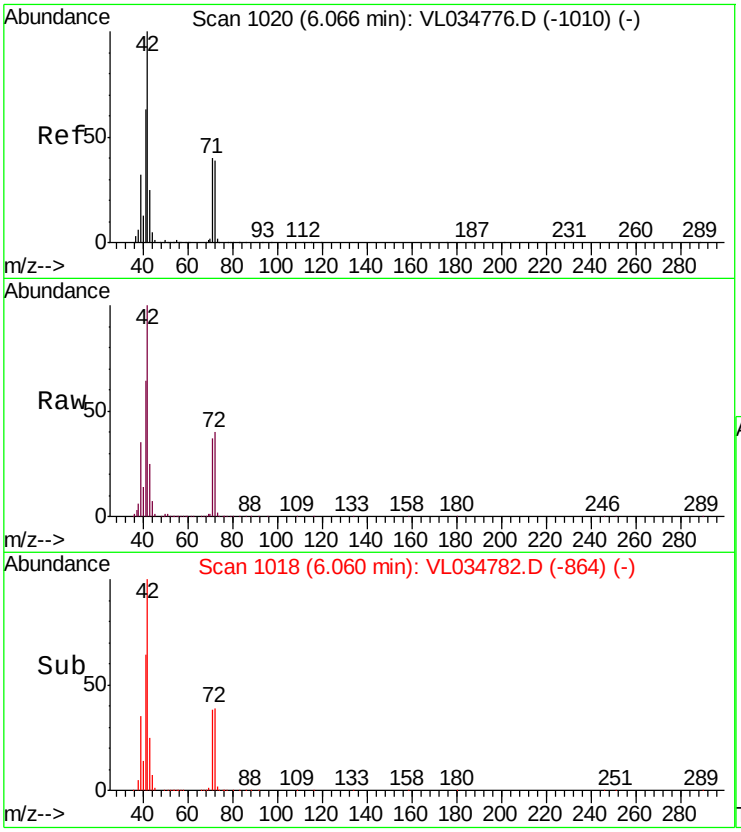


#40
1,4-Dioxane
Concen: 14.247 ppbv
RT: 7.86 min Scan# 1577
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Tgt Ion: 88 Resp: 372290

Ion	Ratio	Lower	Upper
88	100		
58	141.9	110.6	166.0
43	300.6	0.0	0.0#
57	1254.1	0.0	0.0#



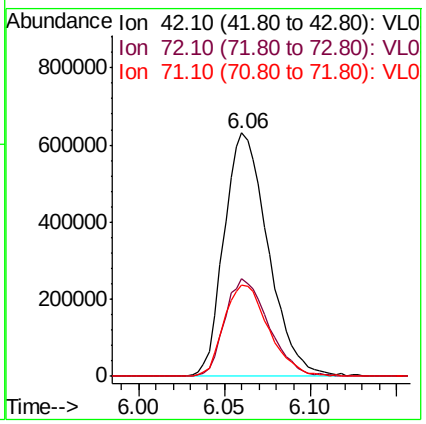


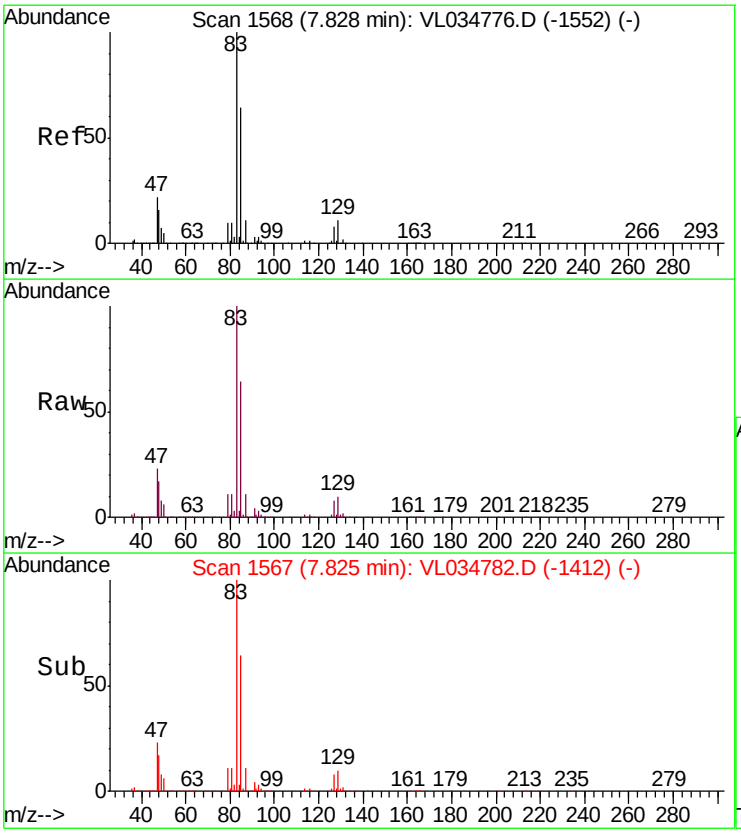
#41
Tetrahydrofuran
Concen: 15.077 ppbv
RT: 6.06 min Scan# 1018
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 42 Resp: 1120969

Ion	Ratio	Lower	Upper
42	100		
72	40.3	32.0	48.0
71	38.6	31.3	46.9

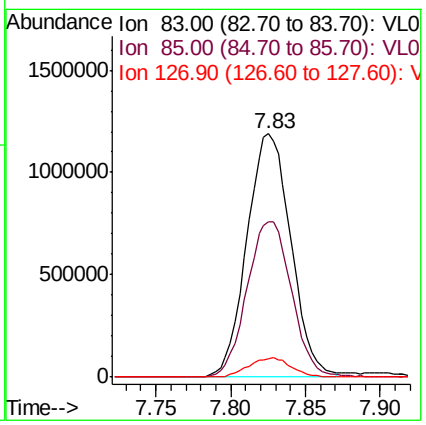


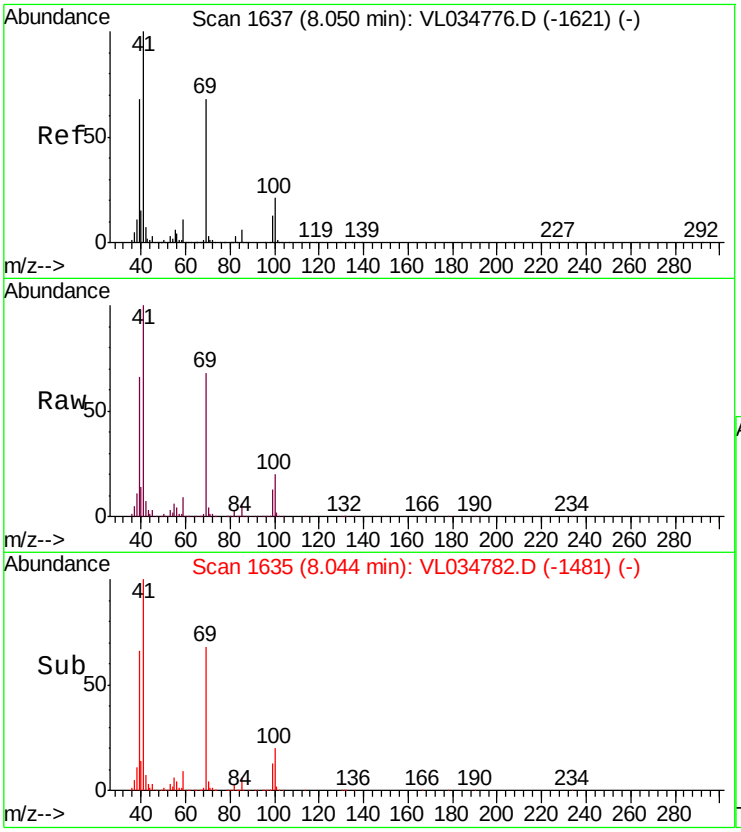


#42
Bromodichloromethane
Concen: 15.092 ppbv
RT: 7.83 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Tgt Ion: 83 Resp: 2431755

Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.8	76.2
127	7.8	6.5	9.7



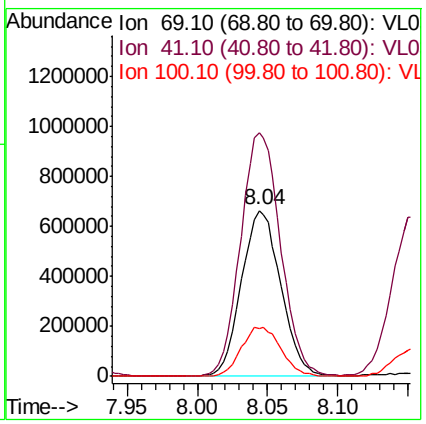


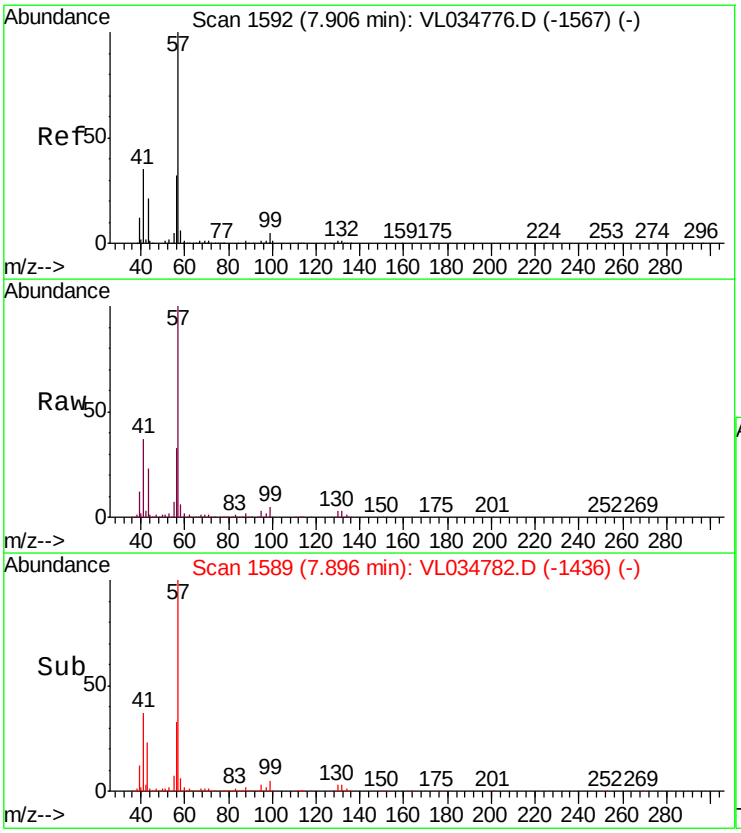
#43
Methyl Methacrylate
Concen: 15.932 ppbv
RT: 8.04 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 69 Resp: 1296697

Ion	Ratio	Lower	Upper
69	100		
41	149.1	121.6	182.4
100	29.9	23.8	35.8

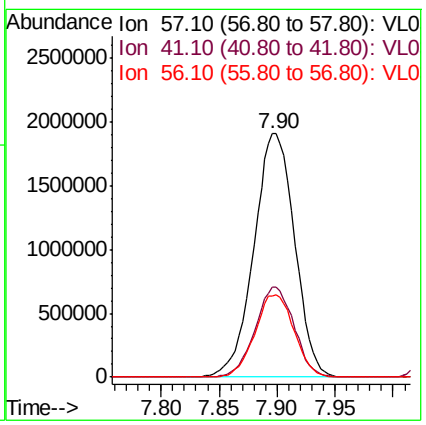


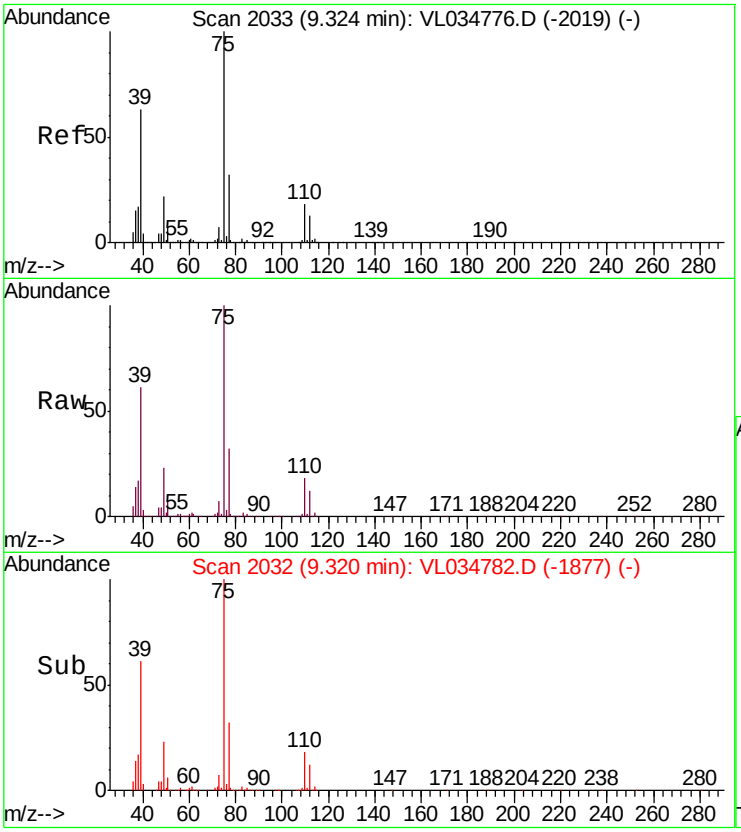


#44
2,2,4-Trimethylpentane
Concen: 13.763 ppbv
RT: 7.90 min Scan# 1589
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Tgt Ion: 57 Resp: 4658446

Ion	Ratio	Lower	Upper
57	100		
41	35.2	27.4	41.0
56	32.6	25.0	37.6



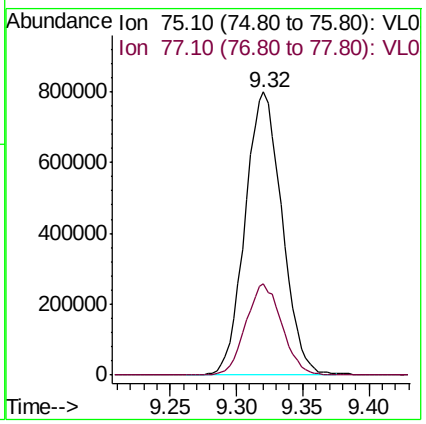


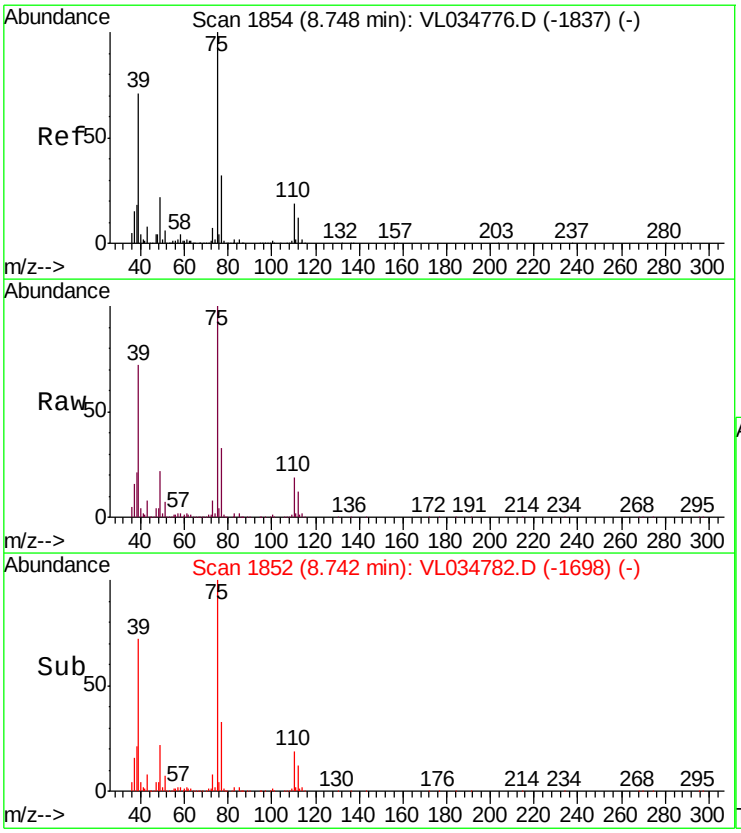
#45
t-1,3-Dichloropropene
Concen: 17.526 ppbv
RT: 9.32 min Scan# 2032
Delta R.T. -0.00 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 75 Resp: 1548255

Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.6	38.4

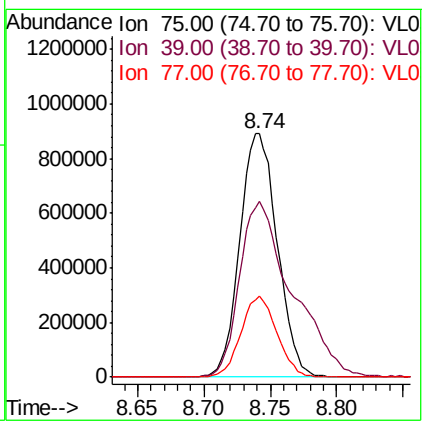


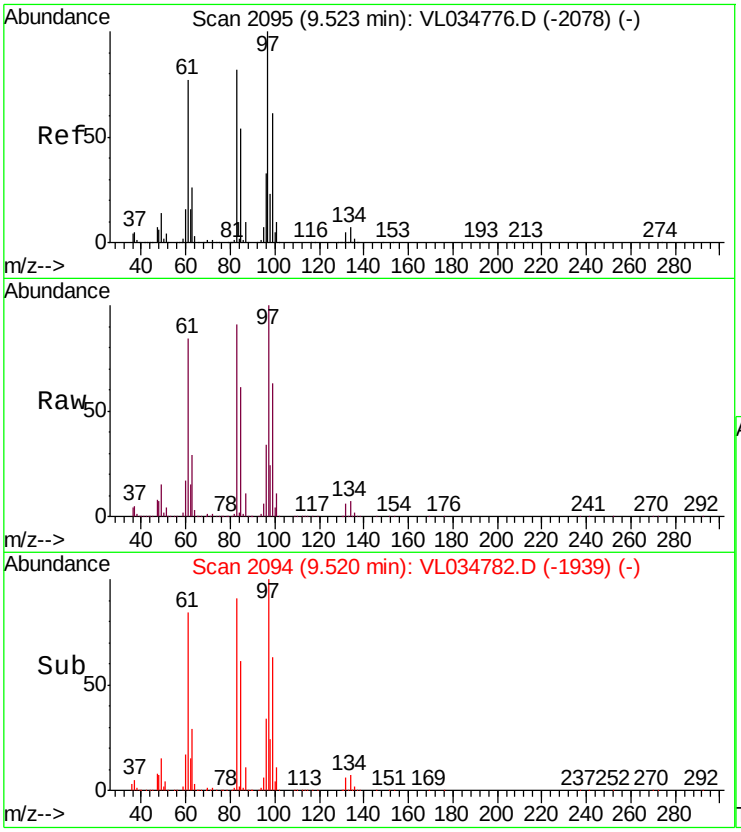


#46
cis-1,3-Dichloropropene
Concen: 16.482 ppbv
RT: 8.74 min Scan# 1852
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Tgt Ion: 75 Resp: 1750276

Ion	Ratio	Lower	Upper
75	100		
39	72.2	56.9	85.3
77	33.3	25.7	38.5



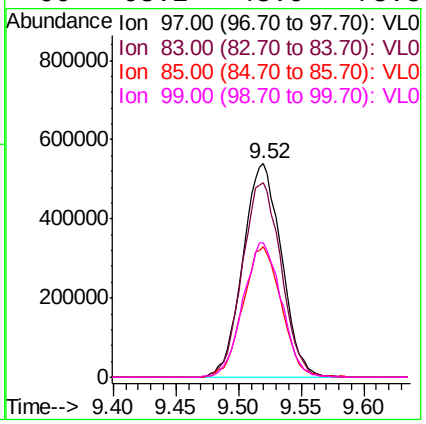


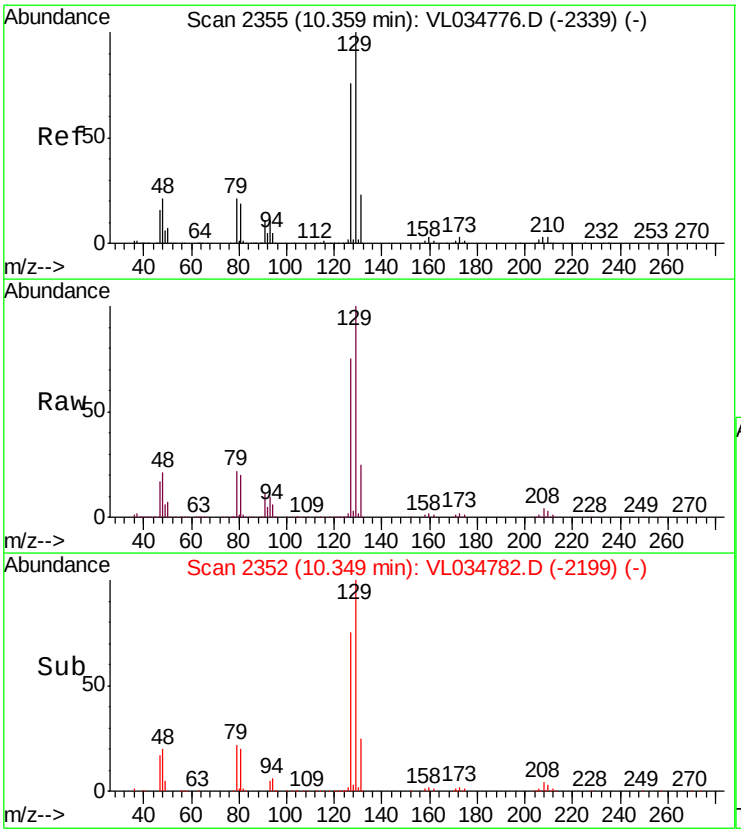
#47
1,1,2-Trichloroethane
Concen: 14.572 ppbv
RT: 9.52 min Scan# 2094
Delta R.T. -0.00 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 97 Resp: 1154982

Ion	Ratio	Lower	Upper
97	100		
83	90.9	65.2	97.8
85	61.1	43.6	65.4
99	63.2	48.9	73.3

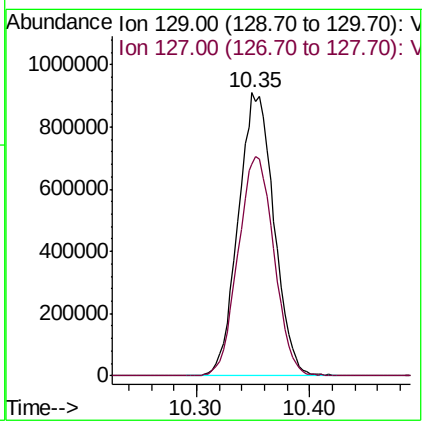


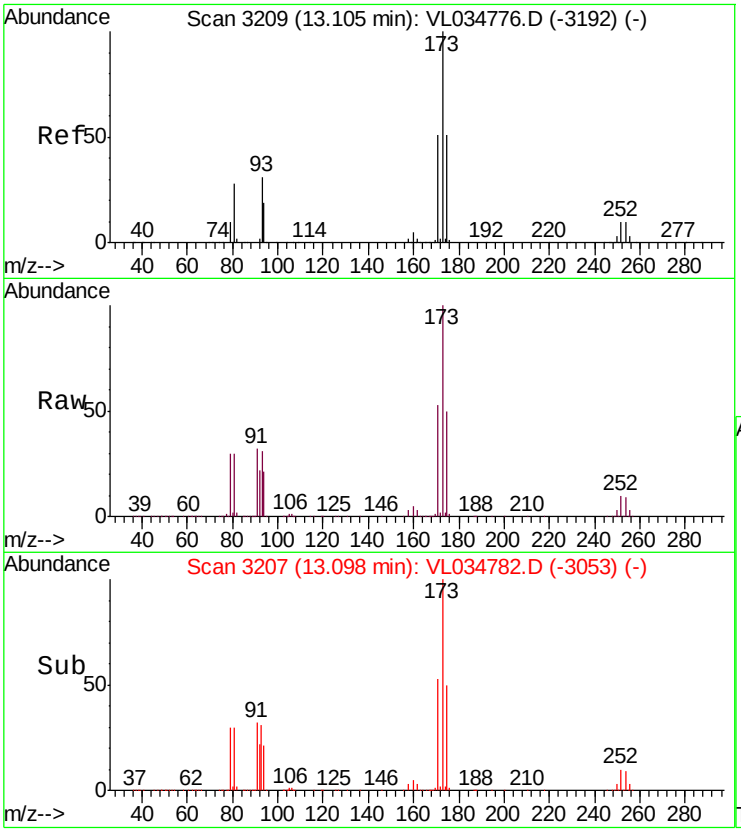


#48
Dibromochloromethane
Concen: 16.126 ppbv
RT: 10.35 min Scan# 2352
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Tgt Ion:129 Resp: 1996033

Ion	Ratio	Lower	Upper
129	100		
127	78.3	39.0	117.0



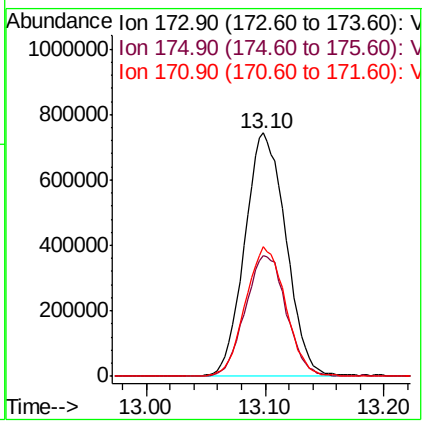


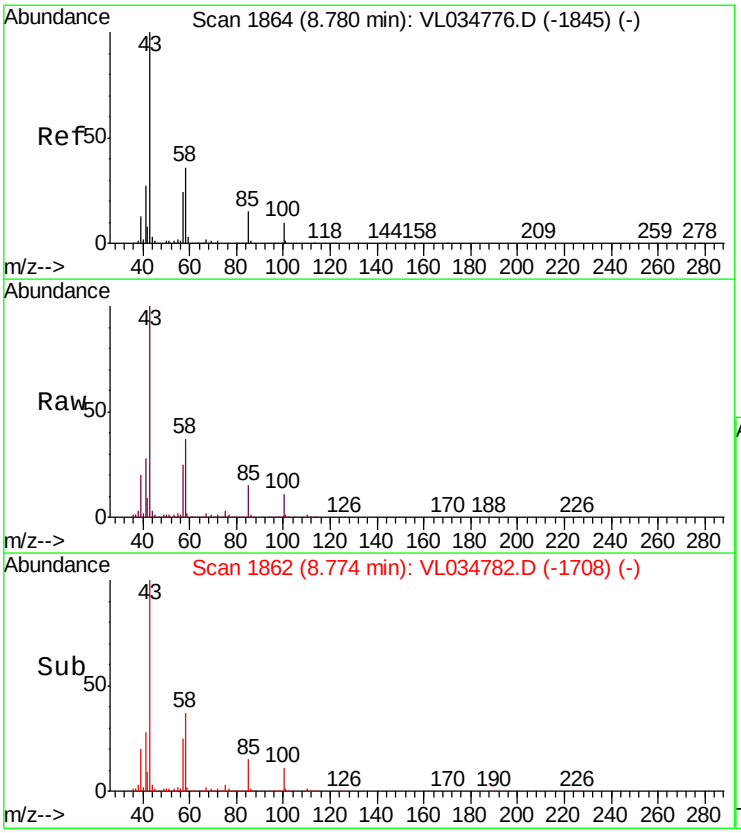
#49
Bromoform
Concen: 16.535 ppbv
RT: 13.10 min Scan# 3207
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:173 Resp: 1781835

Ion	Ratio	Lower	Upper
173	100		
175	49.5	39.8	59.6
171	52.2	41.0	61.4

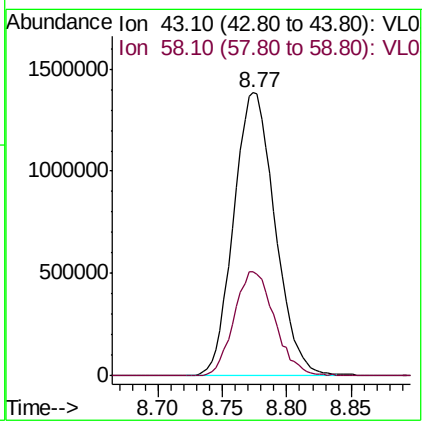


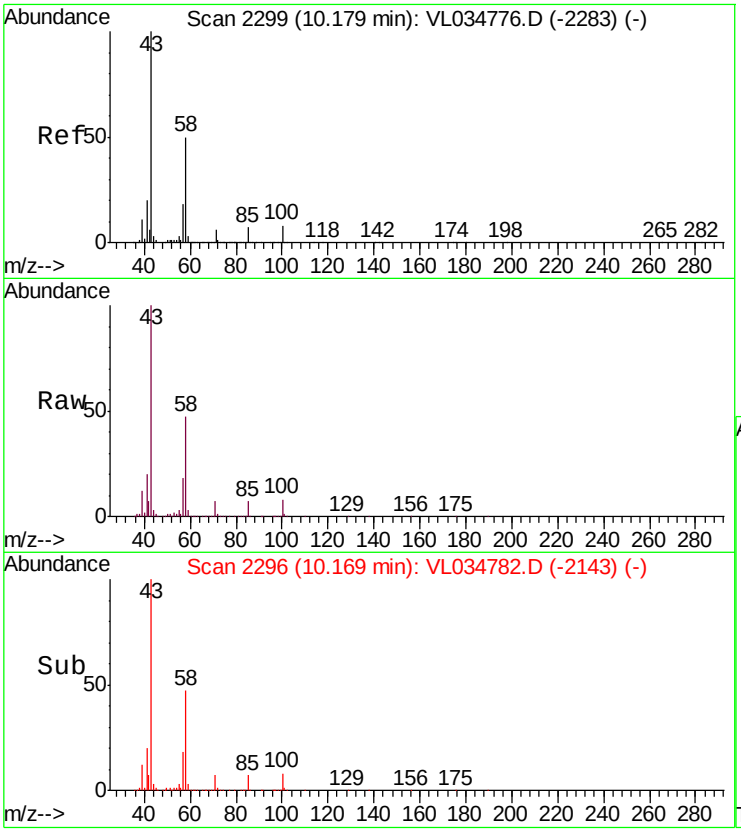


#50
4-Methyl-2-Pentanone
Concen: 15.338 ppbv
RT: 8.77 min Scan# 1862
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Tgt Ion: 43 Resp: 3087030

Ion	Ratio	Lower	Upper
43	100		
58	36.4	28.7	43.1



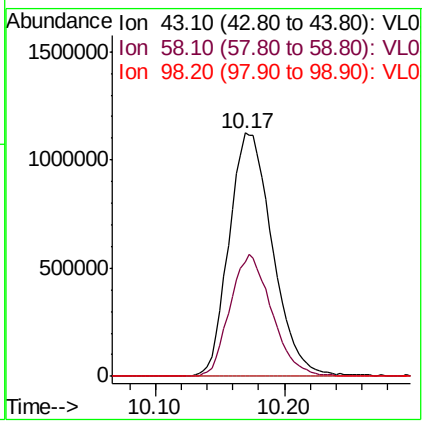


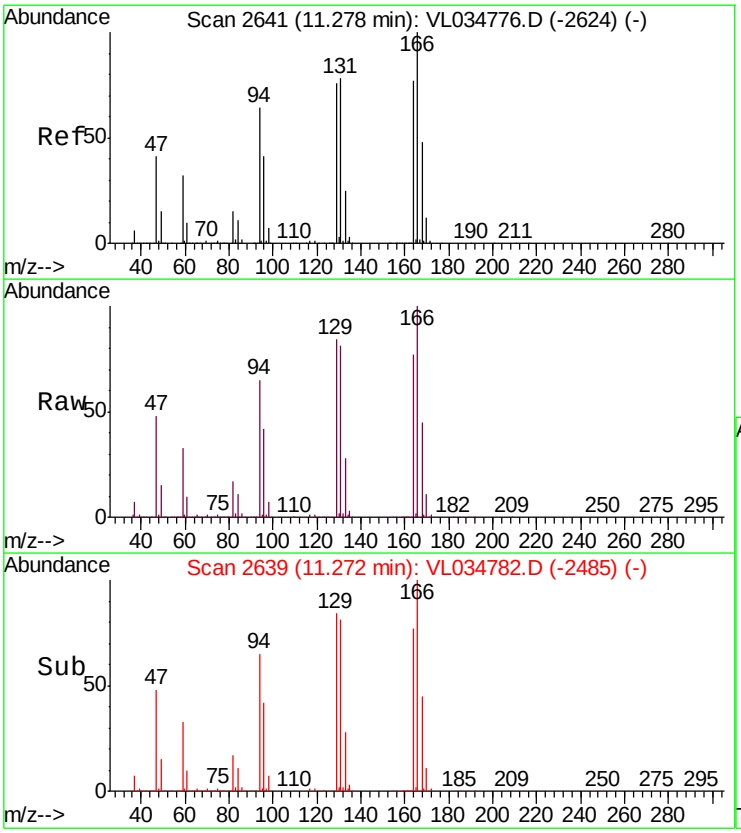
#51
2-Hexanone
Concen: 16.583 ppbv
RT: 10.17 min Scan# 2296
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 43 Resp: 2629186

Ion	Ratio	Lower	Upper
43	100		
58	48.4	38.6	58.0
98	0.3	0.2	0.4

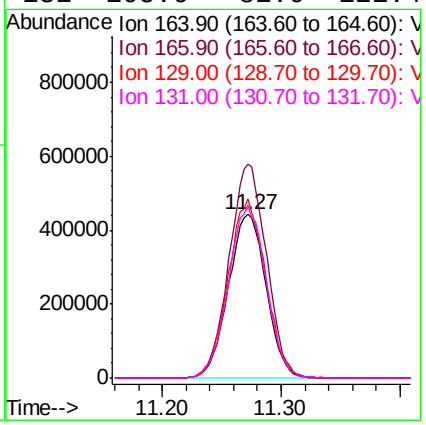


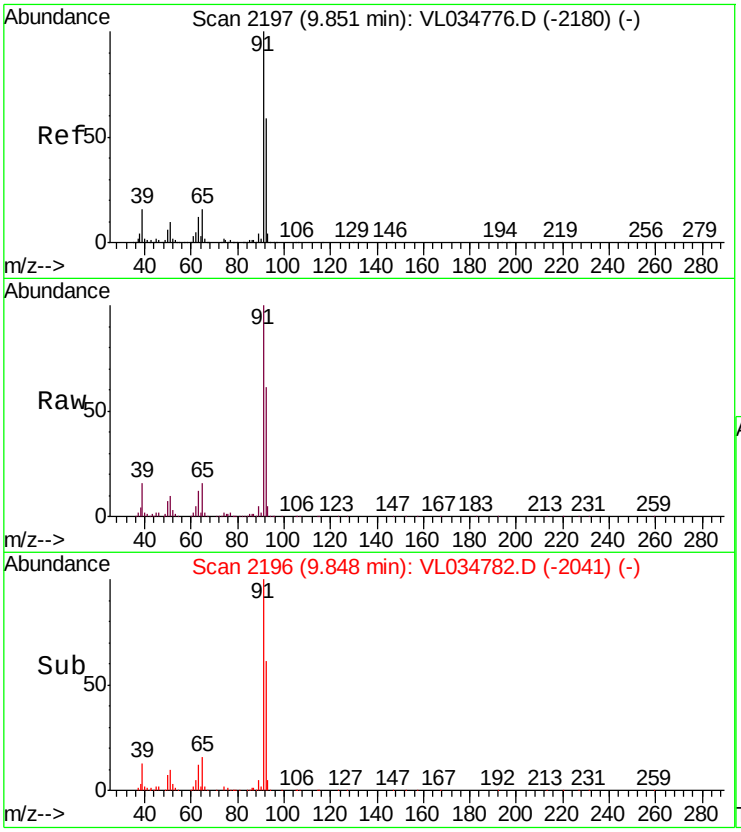


#52
Tetrachloroethene
Concen: 13.601 ppbv
RT: 11.27 min Scan# 2639
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Tgt Ion:164 Resp: 970002

Ion	Ratio	Lower	Upper
164	100		
166	130.2	103.3	154.9
129	109.0	79.0	118.4
131	105.6	81.0	121.4



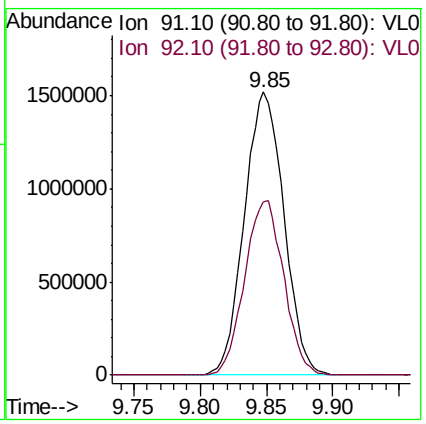


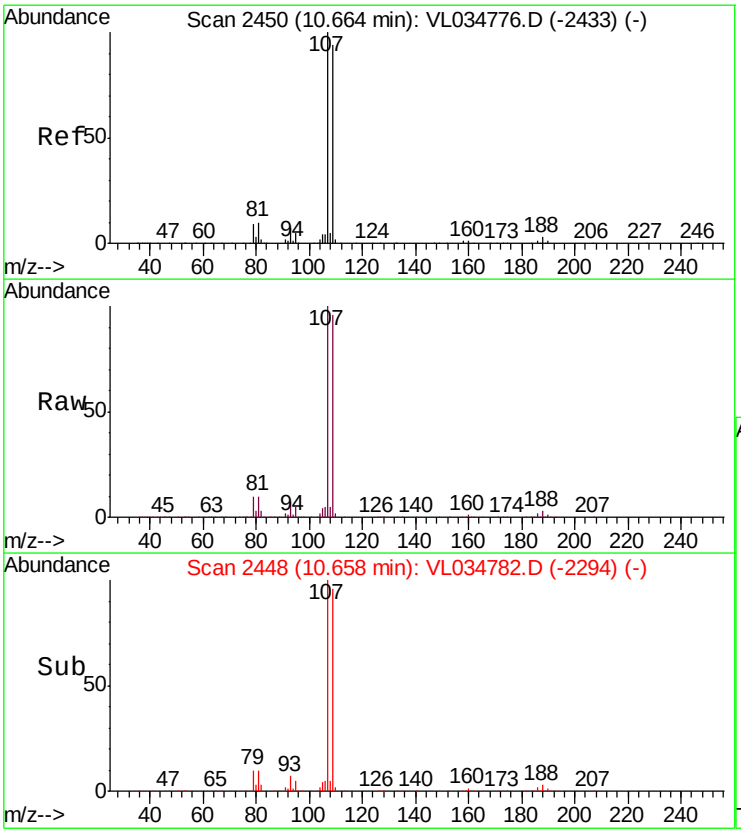
#53
Toluene
Concen: 15.293 ppbv
RT: 9.85 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 91 Resp: 3152705

Ion	Ratio	Lower	Upper
91	100		
92	61.1	48.2	72.2

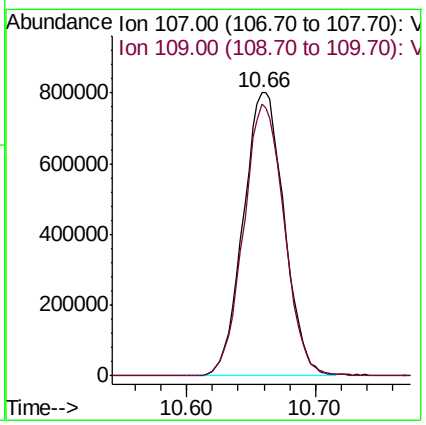


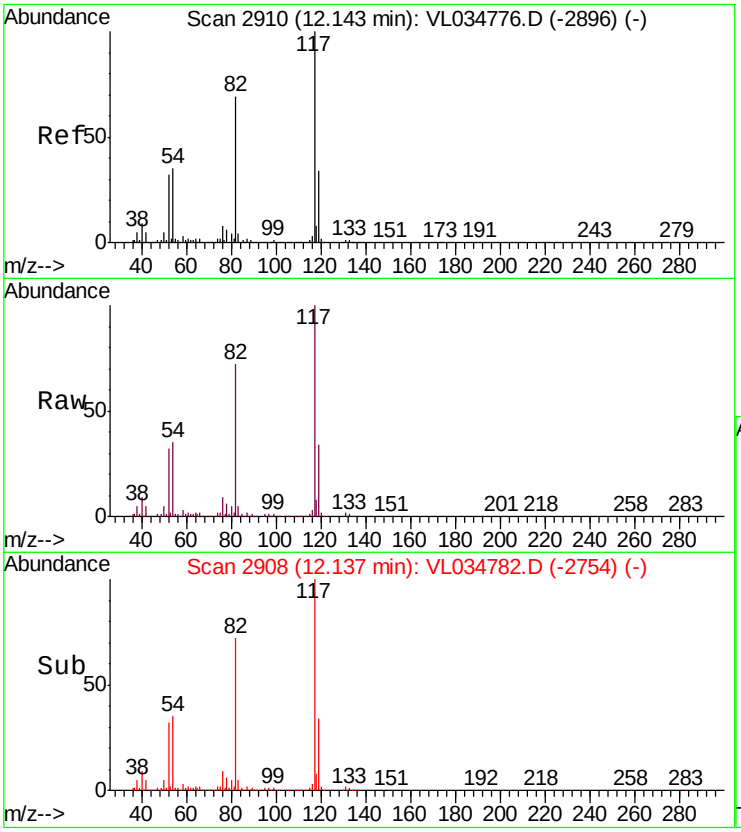


#54
1,2-Dibromoethane
Concen: 14.967 ppbv
RT: 10.66 min Scan# 2448
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Tgt Ion:107 Resp: 1771845

Ion	Ratio	Lower	Upper
107	100		
109	96.2	75.0	112.6



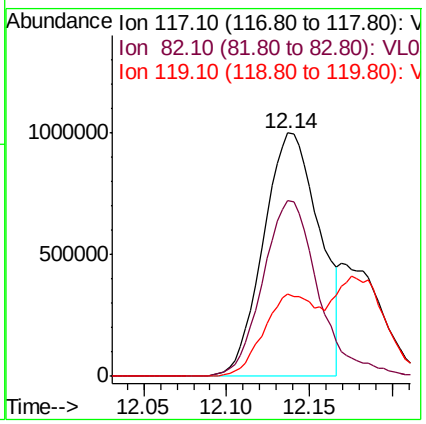


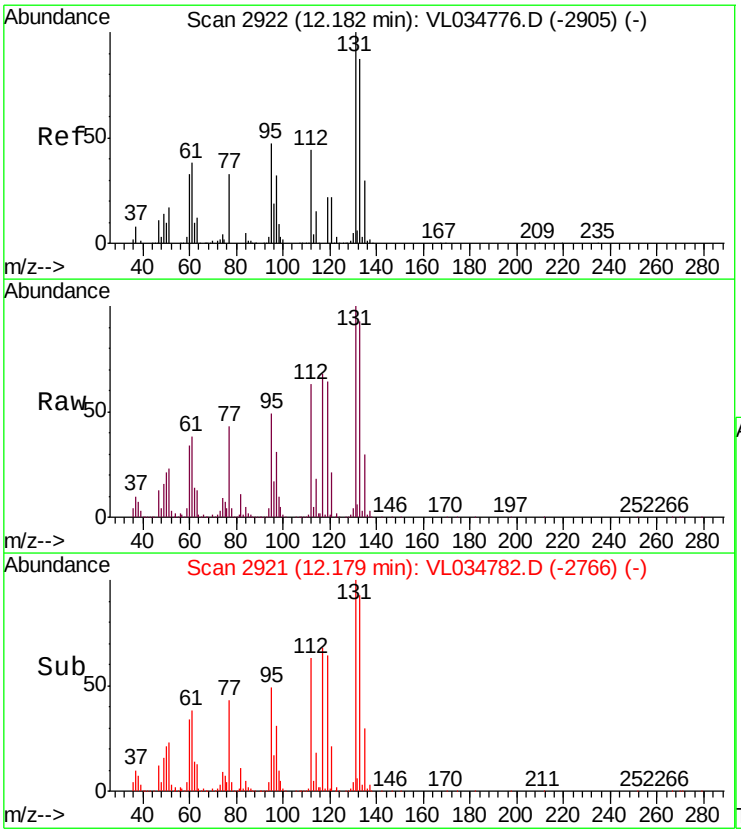
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.14 min Scan# 2908
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:117 Resp: 2356945

Ion	Ratio	Lower	Upper
117	100		
82	71.9	53.9	80.9
119	33.2	25.0	37.4

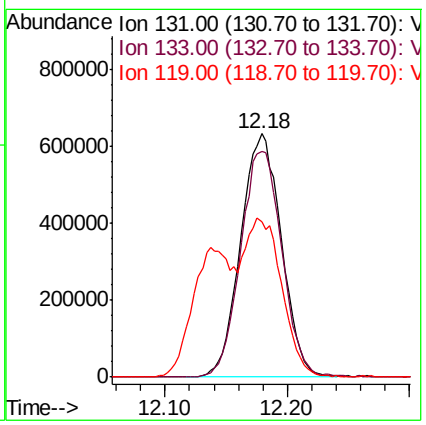


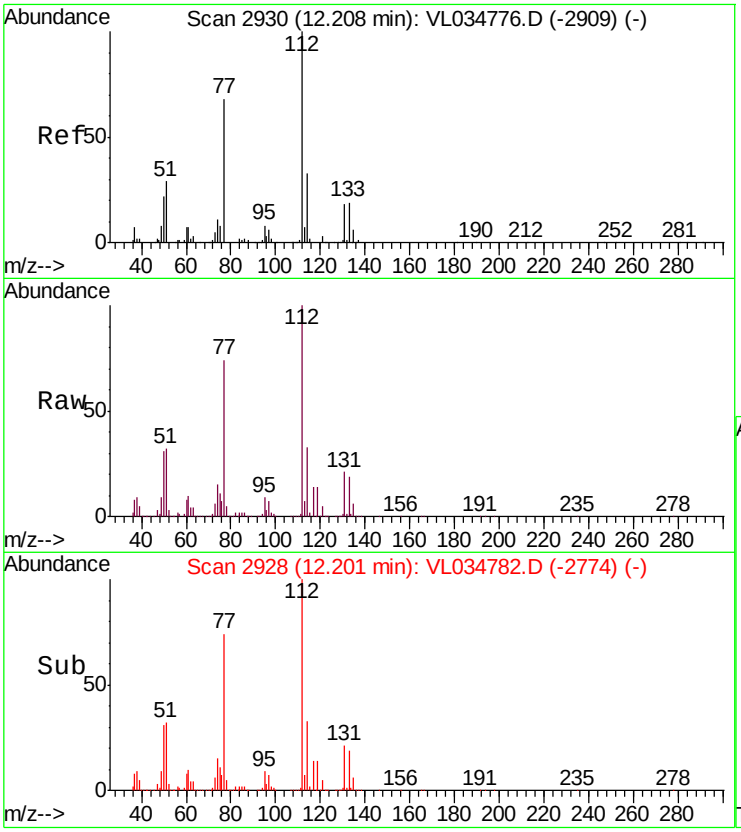


#56
1,1,1,2-Tetrachloroethane
Concen: 14.366 ppbv
RT: 12.18 min Scan# 2921
Delta R.T. -0.00 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Tgt Ion:131 Resp: 1456181

Ion	Ratio	Lower	Upper
131	100		
133	94.6	75.4	113.0
119	60.7	110.5	165.7#



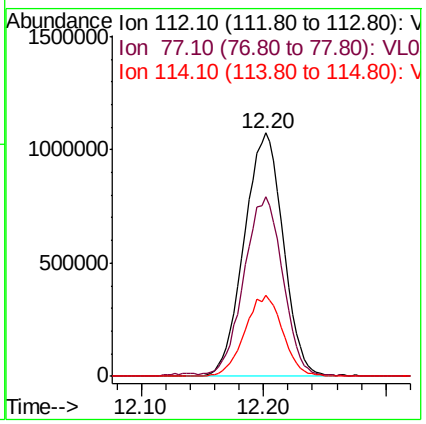


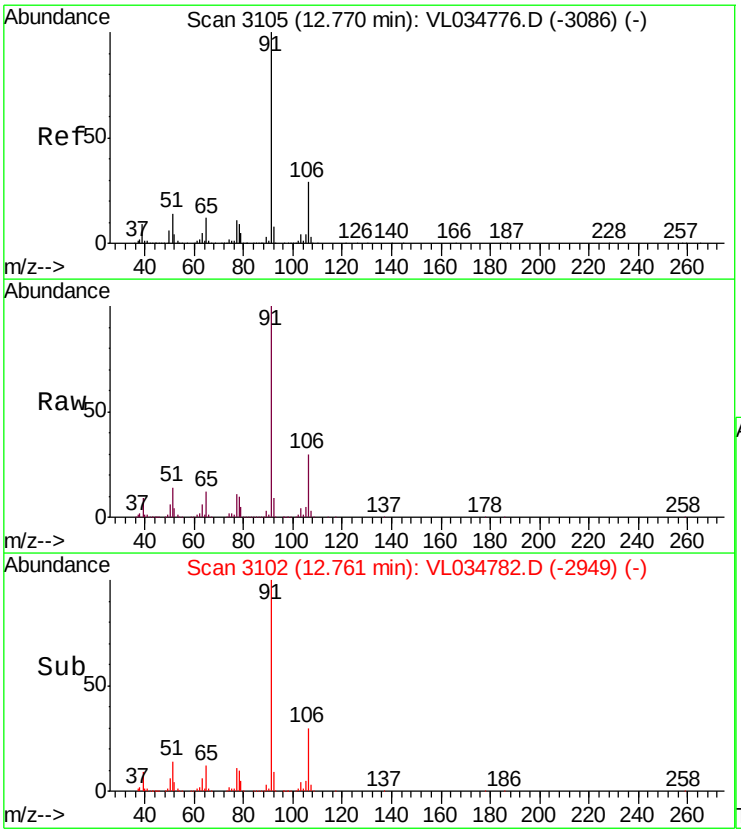
#57
Chlorobenzene
Concen: 13.625 ppbv
RT: 12.20 min Scan# 2928
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:112 Resp: 2376832

Ion	Ratio	Lower	Upper
112	100		
77	73.5	55.6	83.4
114	33.4	29.4	36.0

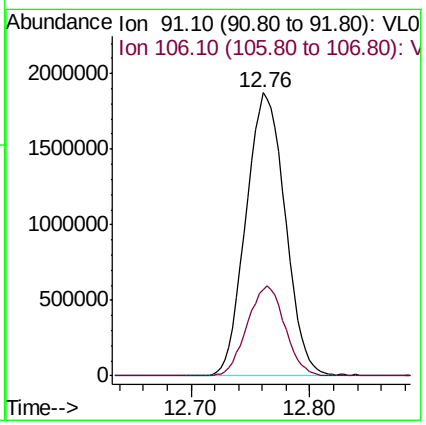


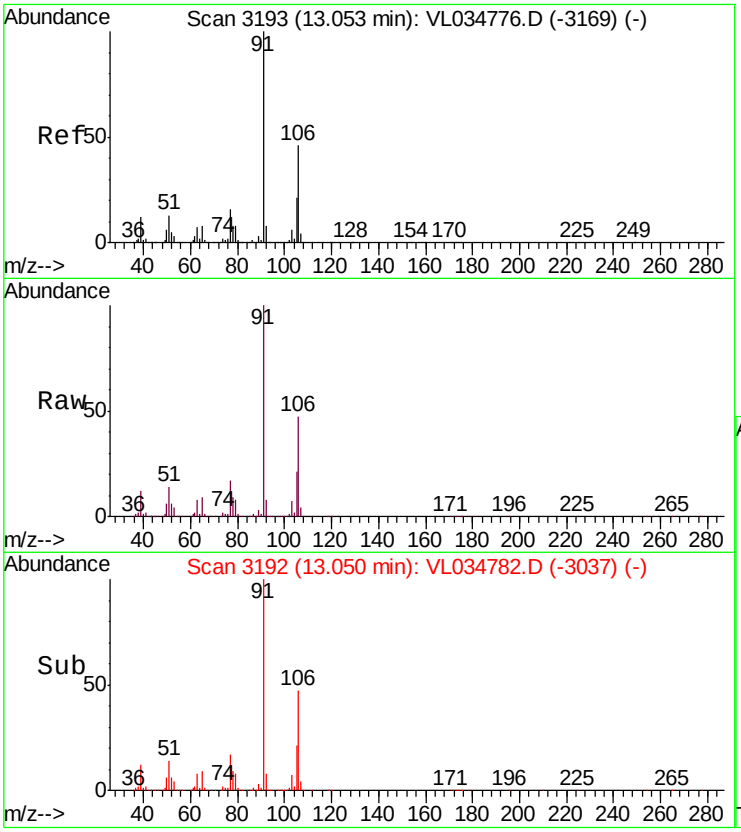


#58
Ethyl Benzene
Concen: 14.918 ppbv
RT: 12.76 min Scan# 3102
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Tgt Ion: 91 Resp: 4275302

Ion	Ratio	Lower	Upper
91	100		
106	30.3	22.8	34.2



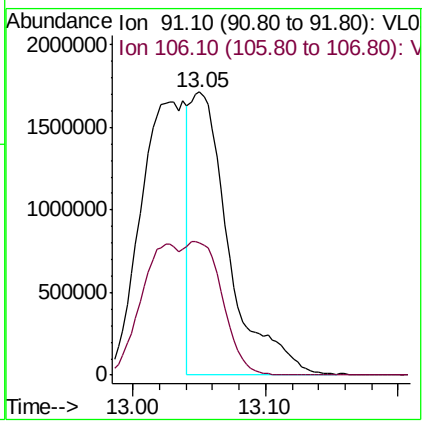


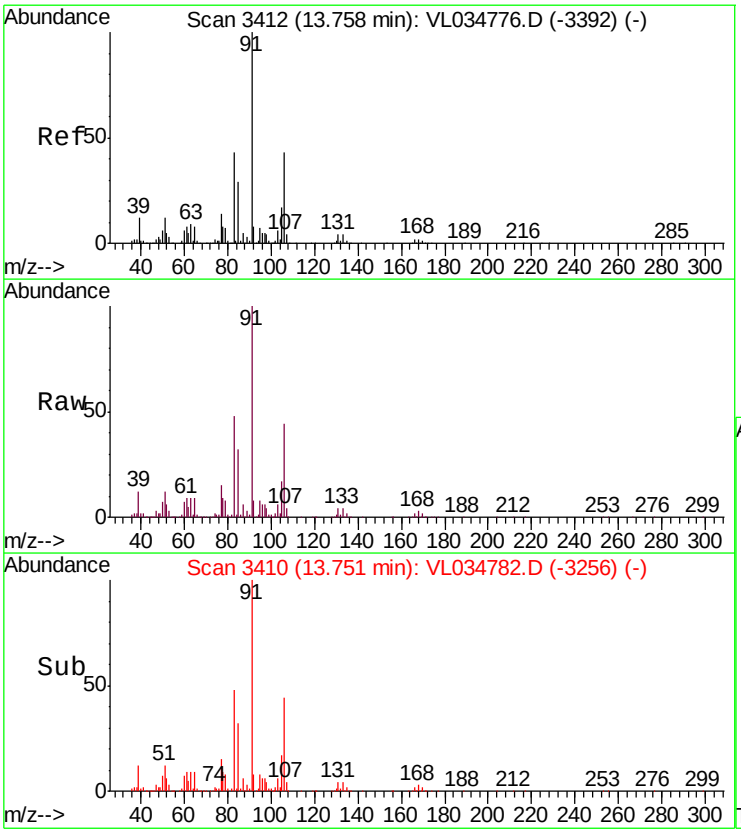
#59
m/p-Xylene
Concen: 13.860 ppbv
RT: 13.05 min Scan# 3192
Delta R.T. -0.00 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 91 Resp: 3447210

Ion	Ratio	Lower	Upper
91	100		
106	93.5	35.8	53.8#

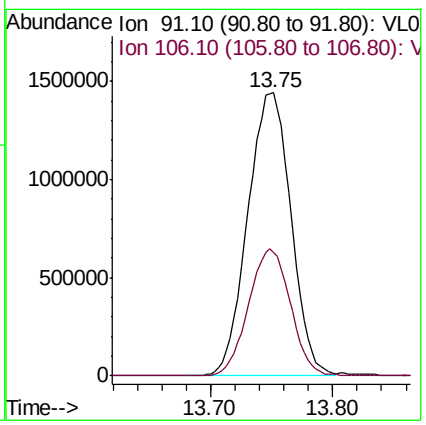


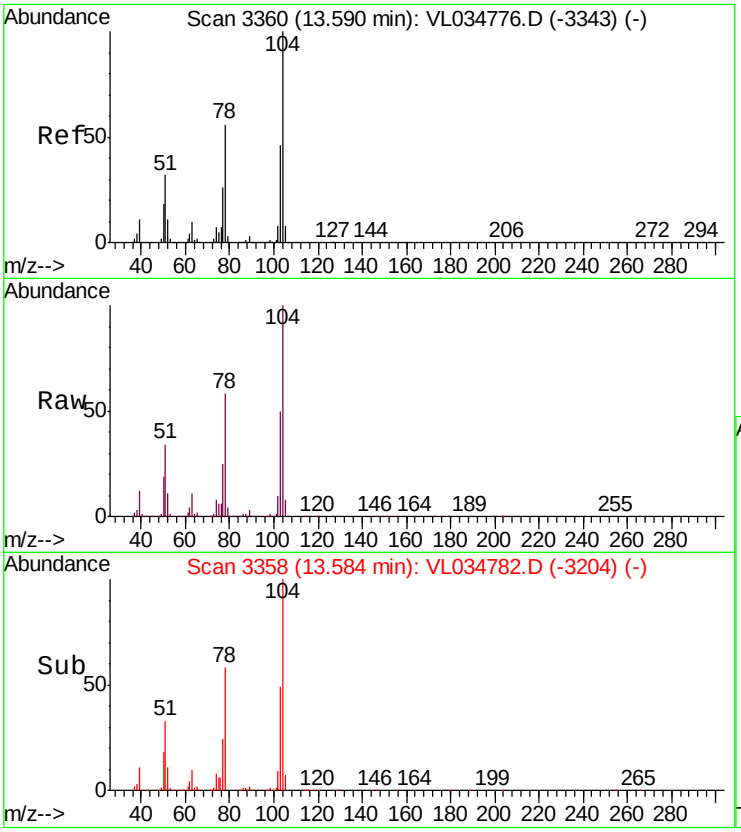


#60
o-Xylene
Concen: 14.284 ppbv
RT: 13.75 min Scan# 3410
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Tgt Ion: 91 Resp: 3540636

Ion	Ratio	Lower	Upper
91	100		
106	43.8	21.7	65.1



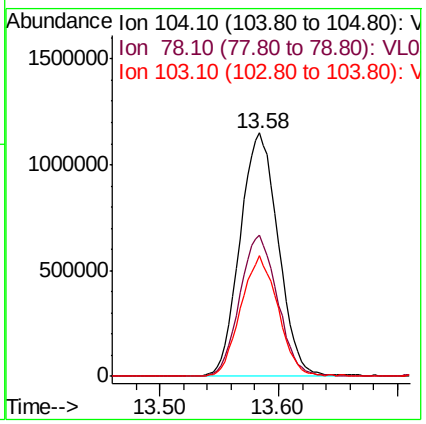


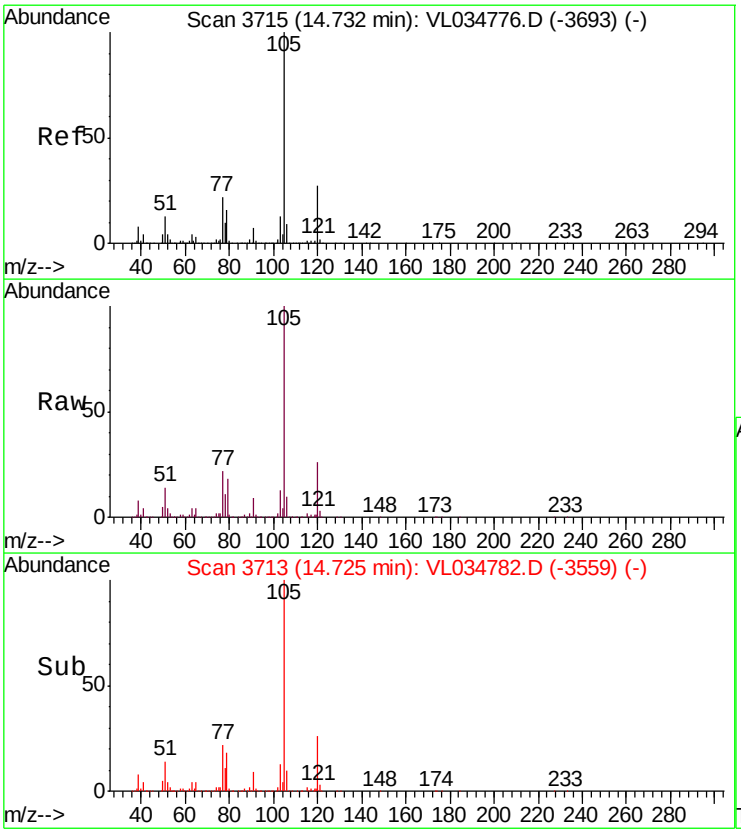
#61
Styrene
Concen: 16.119 ppbv
RT: 13.58 min Scan# 3358
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:104 Resp: 2557819

Ion	Ratio	Lower	Upper
104	100		
78	57.3	44.7	67.1
103	48.5	38.2	57.2

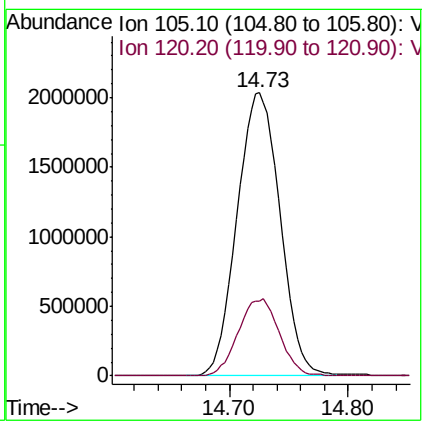


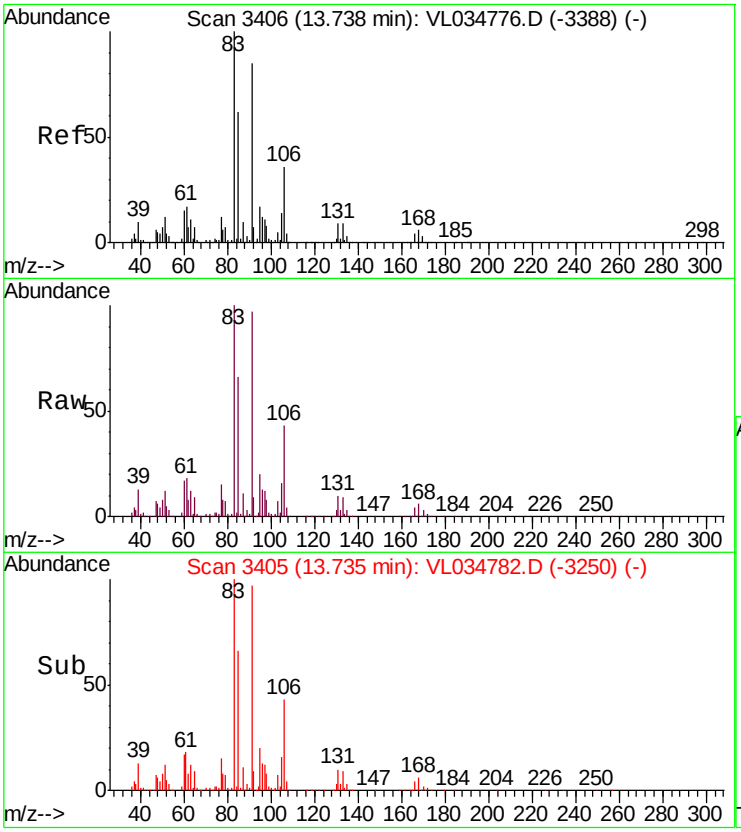


#62
Isopropylbenzene
Concen: 14.062 ppbv
RT: 14.73 min Scan# 3713
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Tgt Ion:105 Resp: 5085527

Ion	Ratio	Lower	Upper
105	100		
120	26.3	20.5	30.7



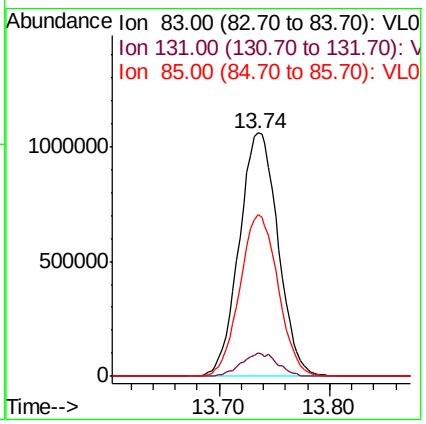


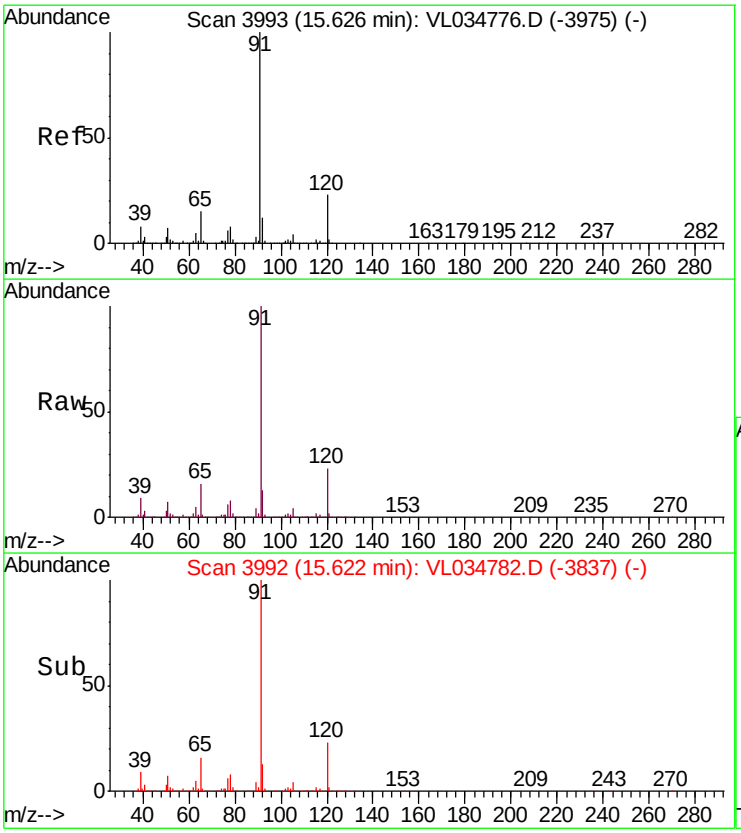
#63
1,1,2,2-Tetrachloroethane
Concen: 13.394 ppbv
RT: 13.74 min Scan# 3405
Delta R.T. -0.00 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 83 Resp: 2587060

Ion	Ratio	Lower	Upper
83	100		
131	9.1	4.7	14.0
85	65.7	32.9	98.7

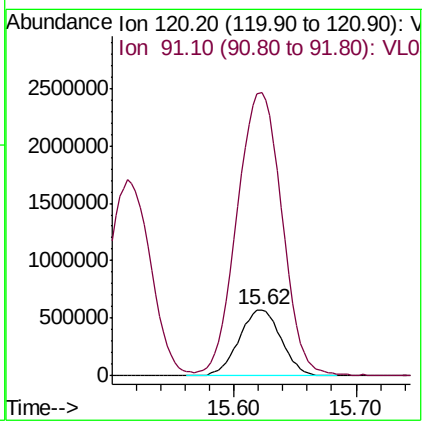


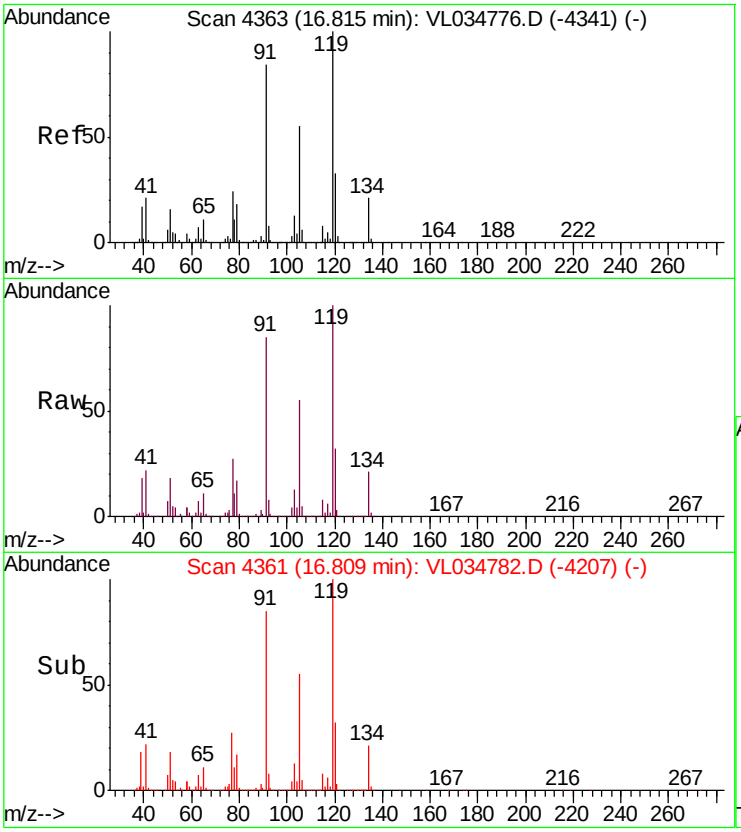


#64
n-propylbenzene
Concen: 14.719 ppbv
RT: 15.62 min Scan# 3992
Delta R.T. -0.00 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Tgt Ion:120 Resp: 1371149

Ion	Ratio	Lower	Upper
120	100		
91	459.7	379.4	569.2



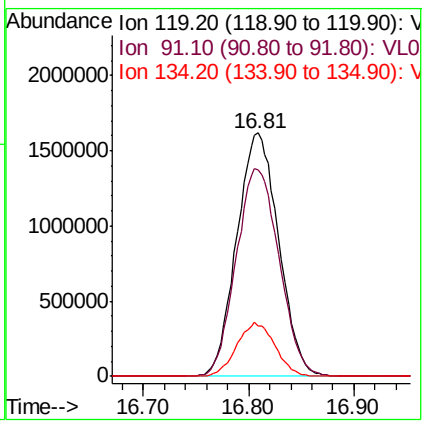


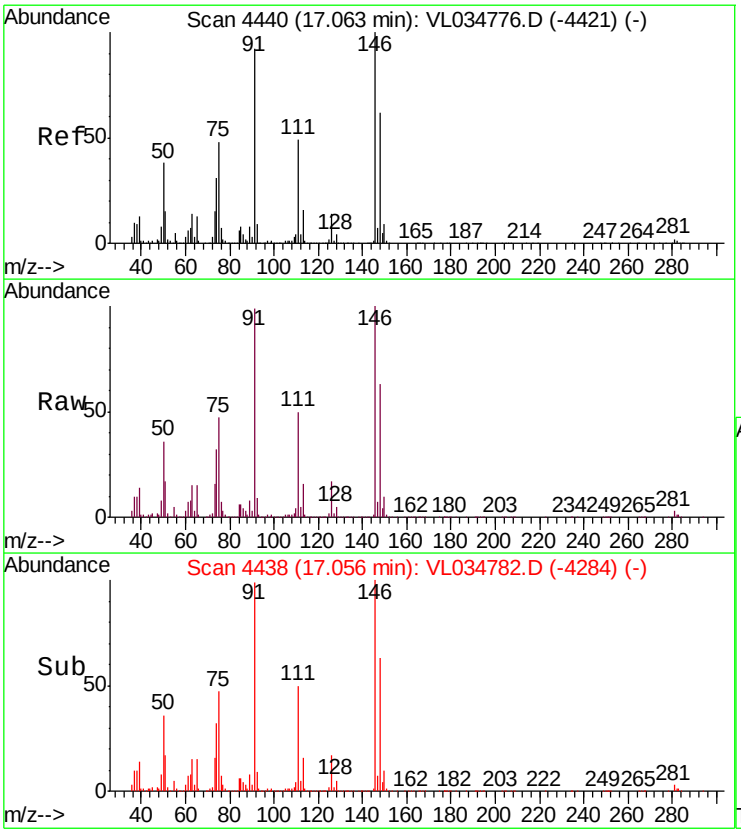
#65
tert-Butylbenzene
Concen: 14.262 ppbv
RT: 16.81 min Scan# 4361
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:119 Resp: 4463496

Ion	Ratio	Lower	Upper
119	100		
91	87.8	69.8	104.6
134	20.3	15.9	23.9

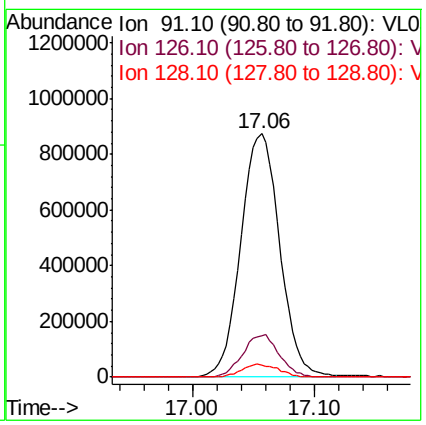


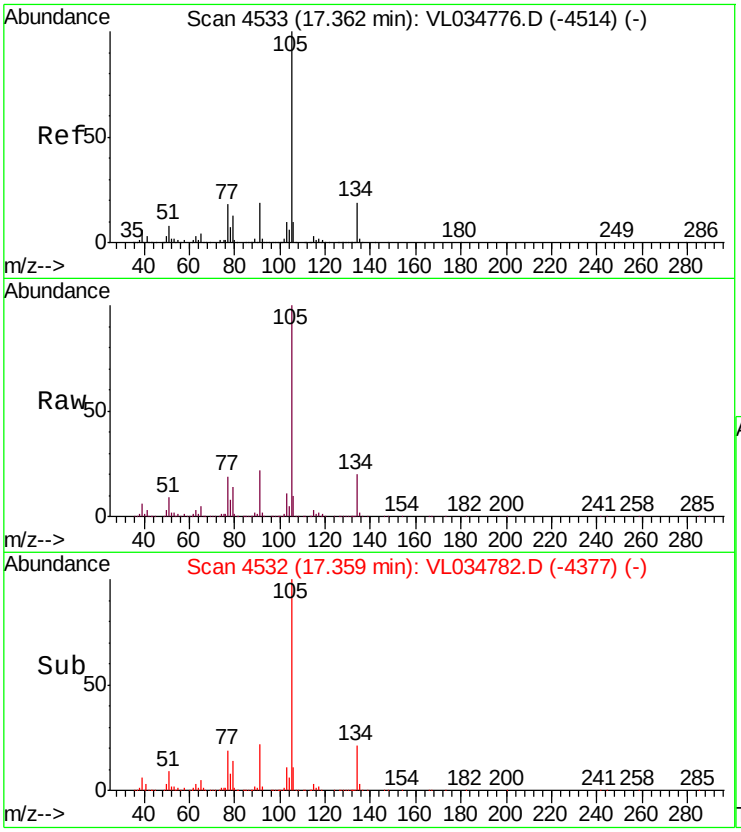


#66
Benzyl Chloride
Concen: 16.946 ppbv
RT: 17.06 min Scan# 4438
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Tgt Ion: 91 Resp: 1923175

Ion	Ratio	Lower	Upper
91	100		
126	16.4	12.6	18.8
128	5.2	4.3	6.5



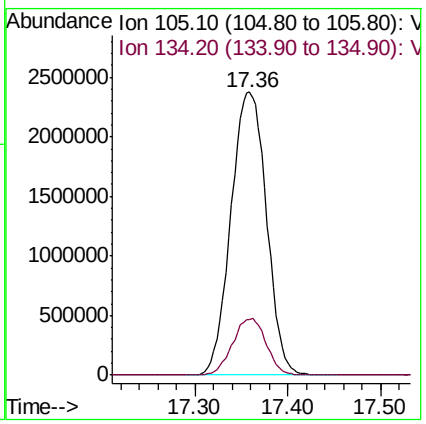


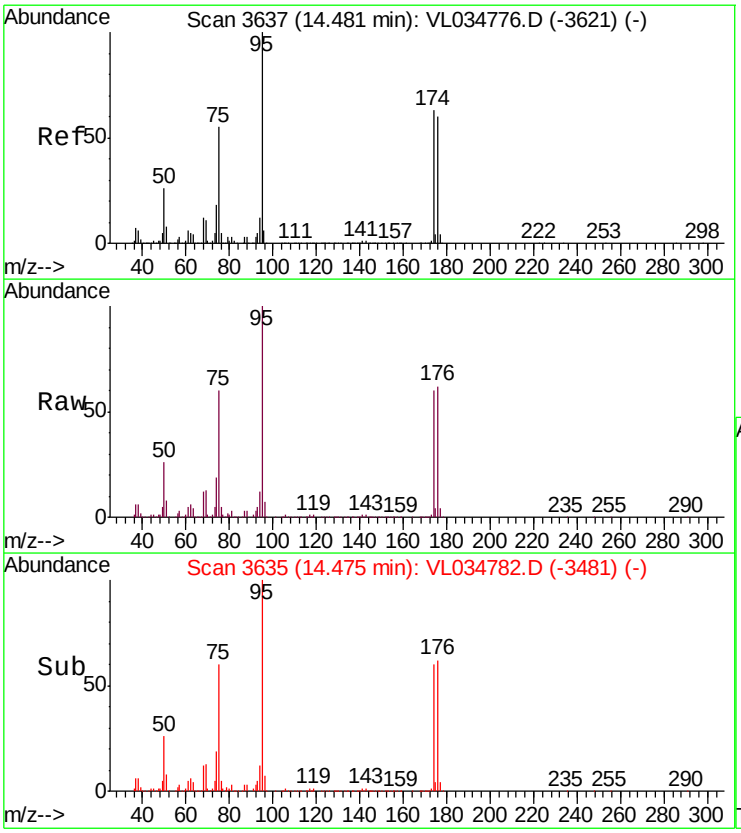
#67
sec-Butylbenzene
Concen: 13.975 ppbv
RT: 17.36 min Scan# 4532
Delta R.T. -0.00 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion:105 Resp: 6305262

Ion	Ratio	Lower	Upper
105	100		
134	19.0	14.7	22.1

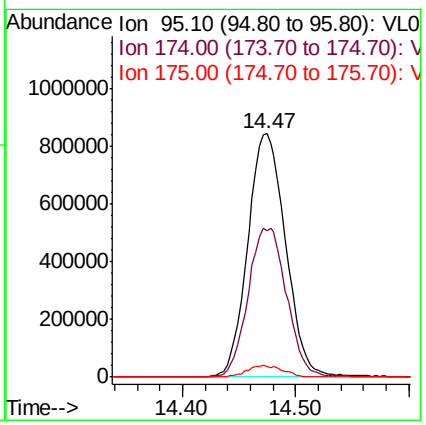


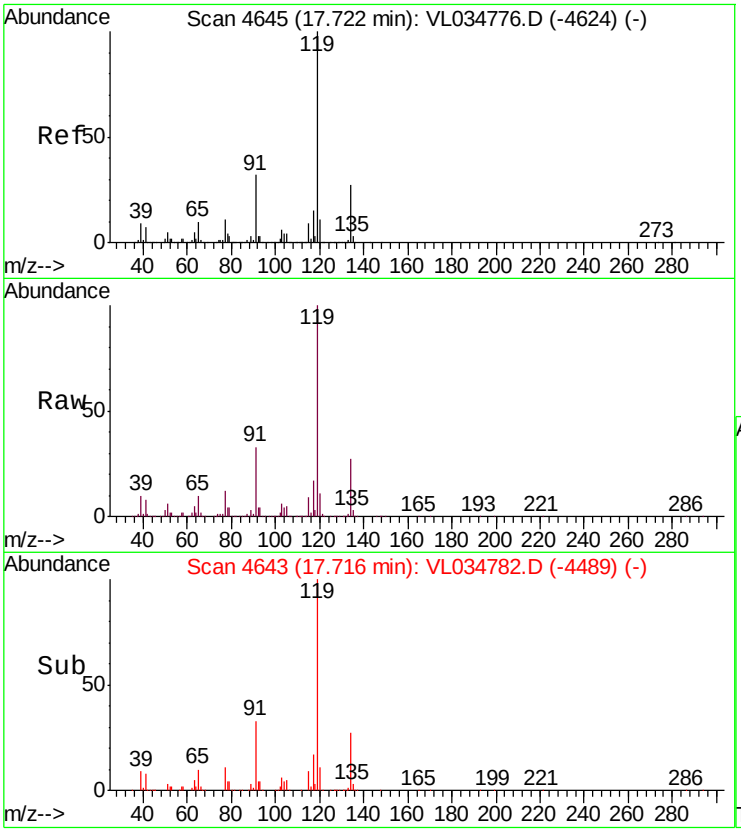


#68
1-Bromo-4-Fluorobenzene
Concen: 10.140 ppbv
RT: 14.47 min Scan# 3635
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Tgt Ion: 95 Resp: 1959700

Ion	Ratio	Lower	Upper
95	100		
174	63.1	50.6	76.0
175	4.6	3.8	5.6



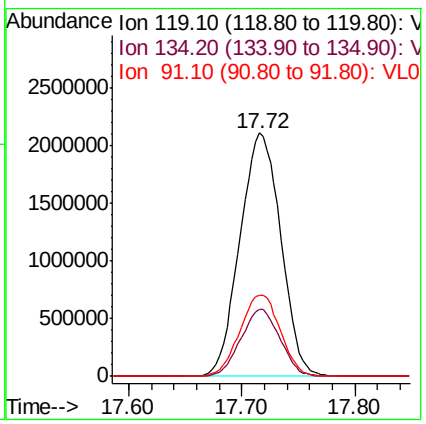


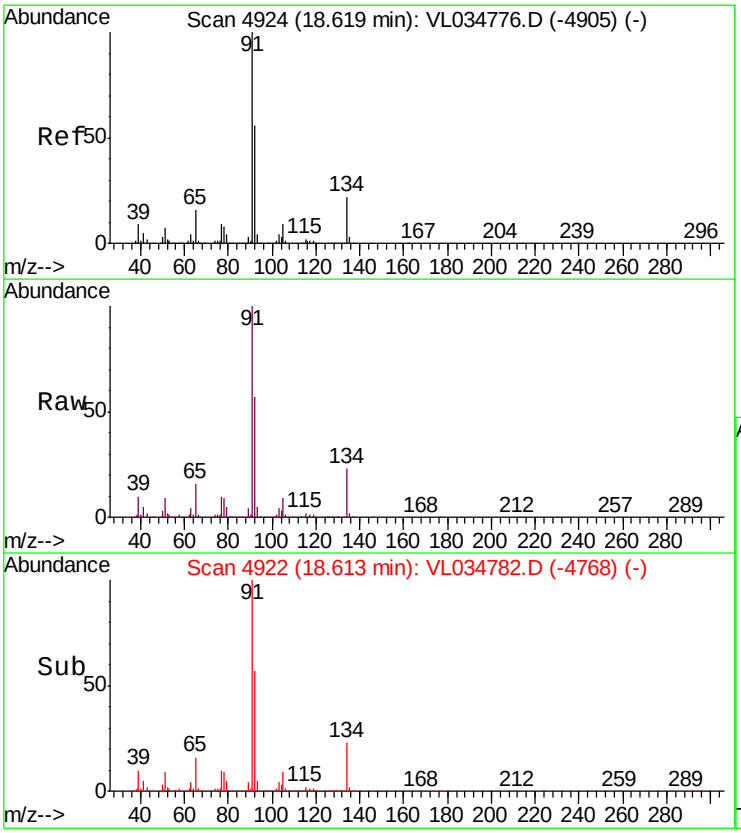
#69
p-Isopropyltoluene
Concen: 14.249 ppbv
RT: 17.72 min Scan# 4643
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:119 Resp: 5292985

Ion	Ratio	Lower	Upper
119	100		
134	26.3	20.6	30.8
91	33.2	25.3	37.9

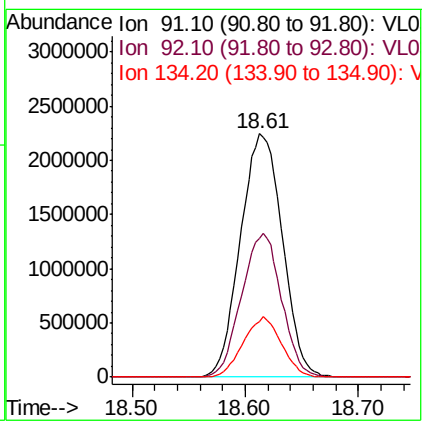


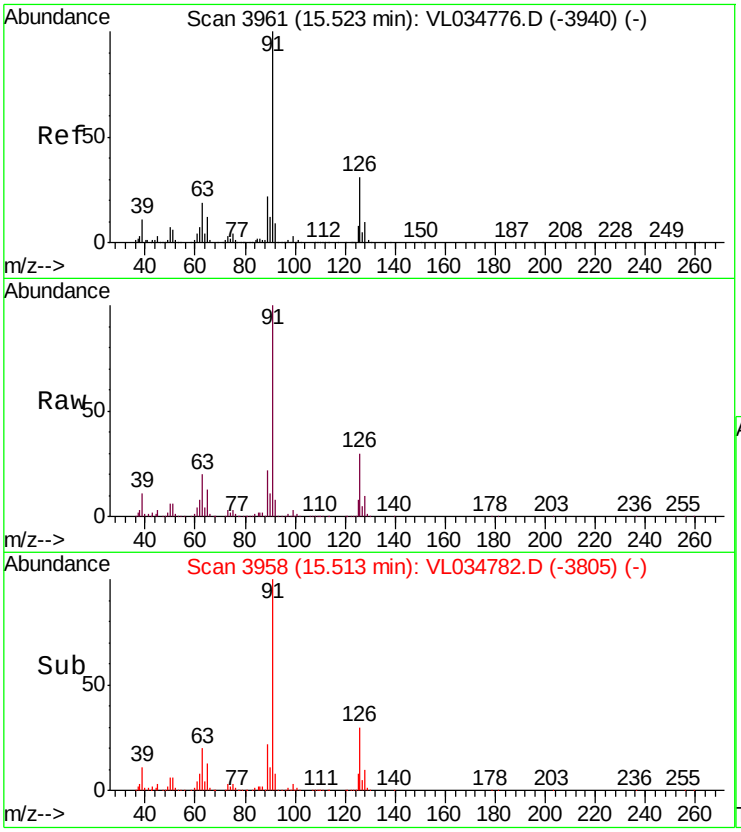


#70
n-Butylbenzene
Concen: 14.265 ppbv
RT: 18.61 min Scan# 4922
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Tgt Ion: 91 Resp: 5777150

Ion	Ratio	Lower	Upper
91	100		
92	56.3	44.0	66.0
134	22.7	17.7	26.5



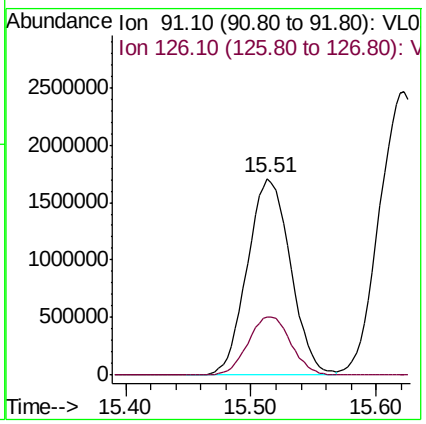


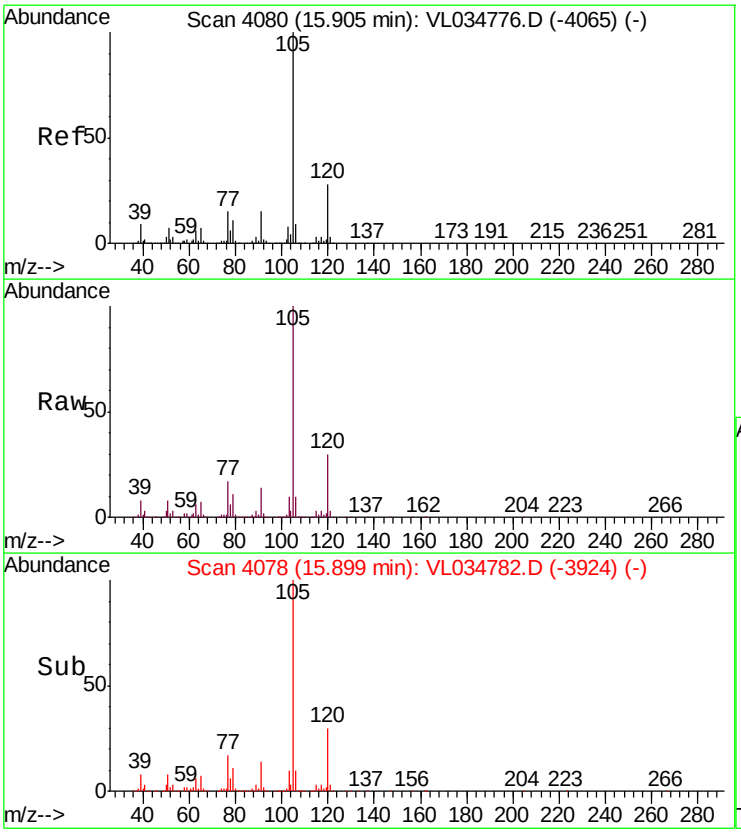
#71
2-Chlorotoluene
Concen: 14.575 ppbv
RT: 15.51 min Scan# 3958
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 4092939

Ion	Ratio	Lower	Upper
91	100		
126	29.6	11.7	46.7

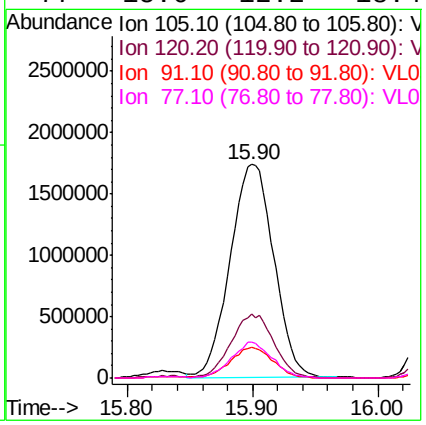


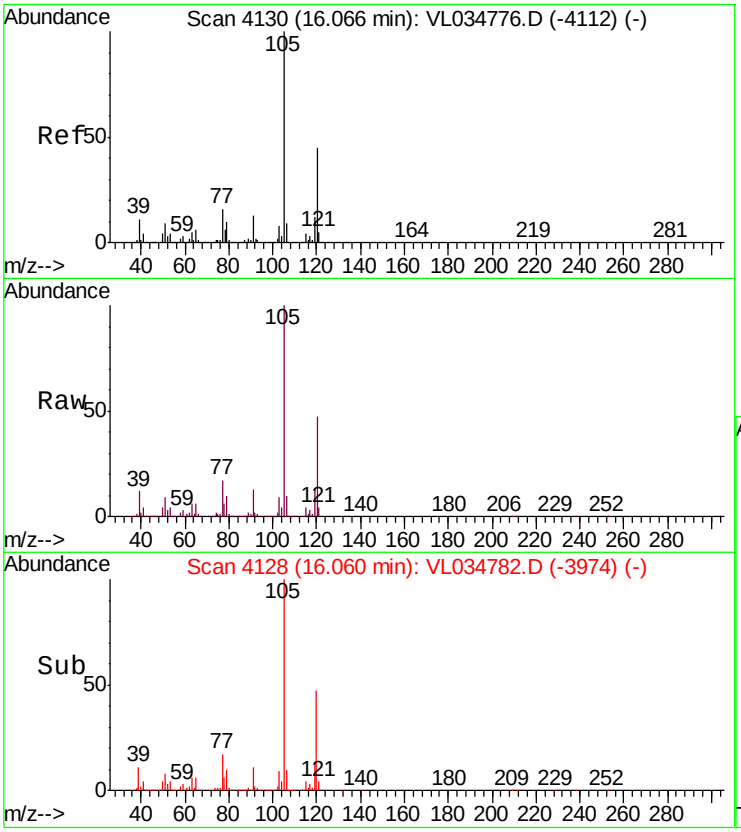


#72
4-Ethyltoluene
Concen: 15.218 ppbv
RT: 15.90 min Scan# 4078
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Tgt Ion:105 Resp: 4207772

Ion	Ratio	Lower	Upper
105	100		
120	29.5	23.0	34.6
91	13.9	11.1	16.7
77	15.6	12.2	18.4



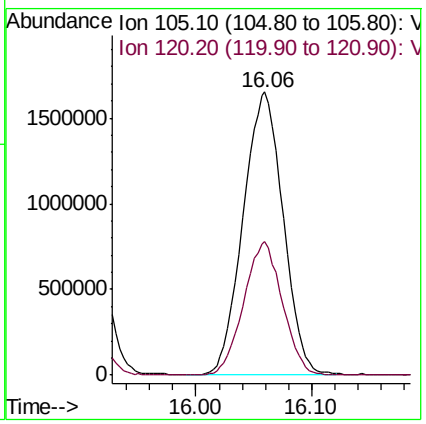


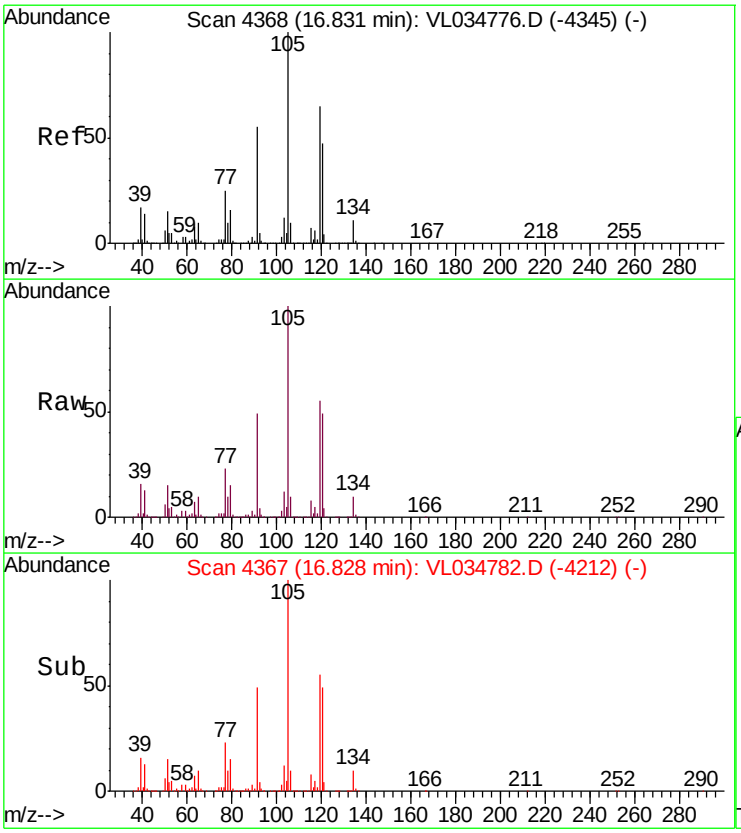
#73
1,3,5-Trimethylbenzene
Concen: 14.822 ppbv
RT: 16.06 min Scan# 4128
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:105 Resp: 3949096

Ion	Ratio	Lower	Upper
105	100		
120	47.1	35.6	53.4

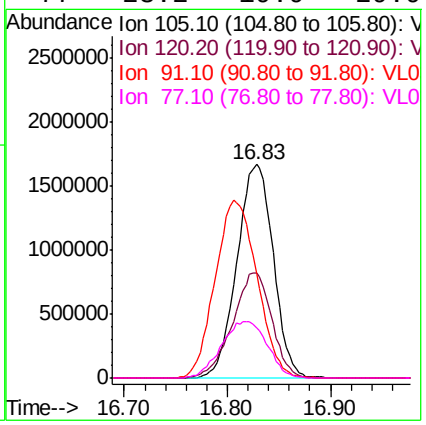


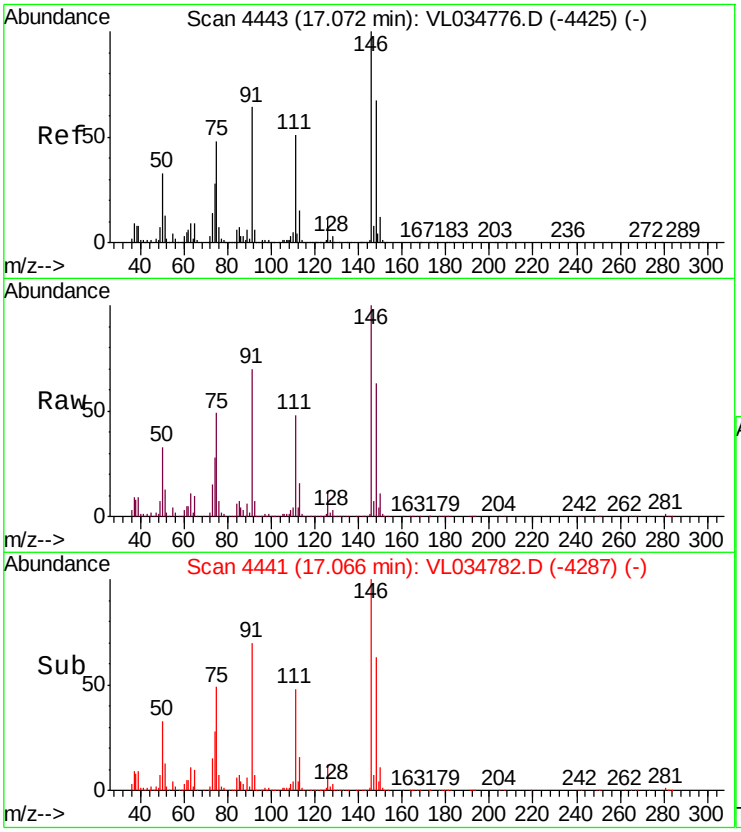


#74
1,2,4-Trimethylbenzene
Concen: 13.839 ppbv
RT: 16.83 min Scan# 4367
Delta R.T. -0.00 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Tgt Ion:105 Resp: 4075810

Ion	Ratio	Lower	Upper
105	100		
120	49.4	37.8	56.6
91	48.5	43.8	65.8
77	23.2	19.9	29.9



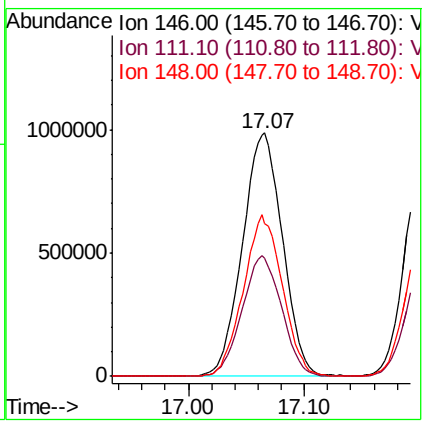


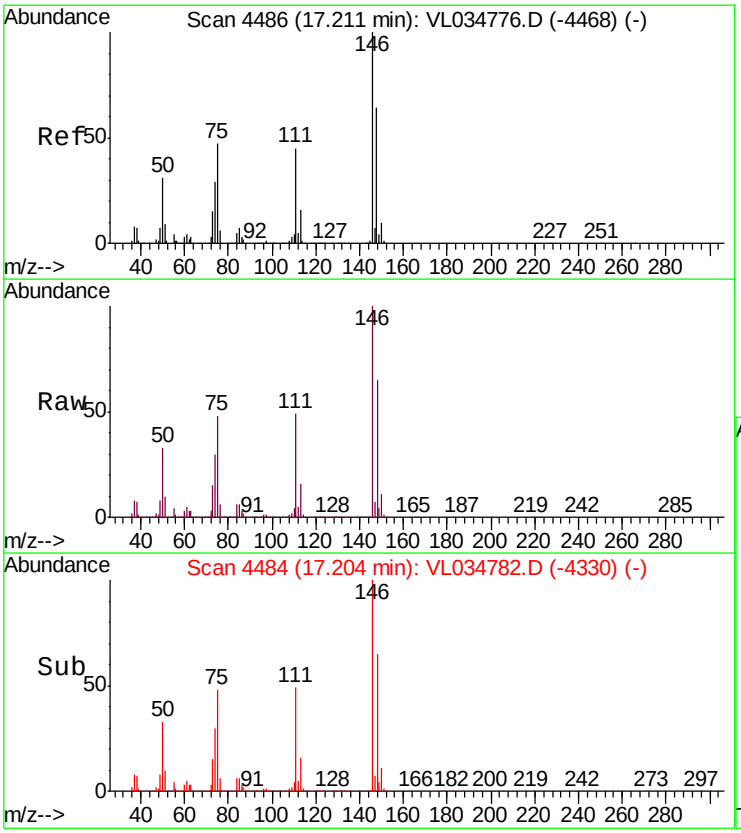
#75
1,3-Dichlorobenzene
Concen: 13.952 ppbv
RT: 17.07 min Scan# 4441
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:146 Resp: 2371254

Ion	Ratio	Lower	Upper
146	100		
111	49.0	24.7	74.1
148	64.8	31.8	95.4

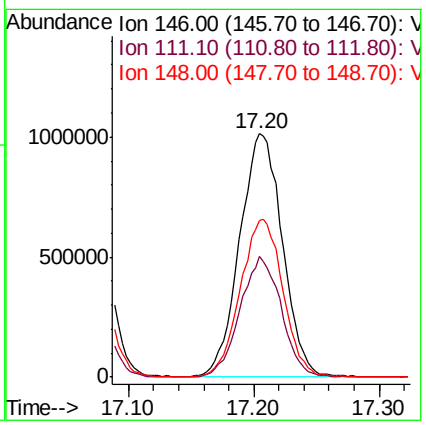


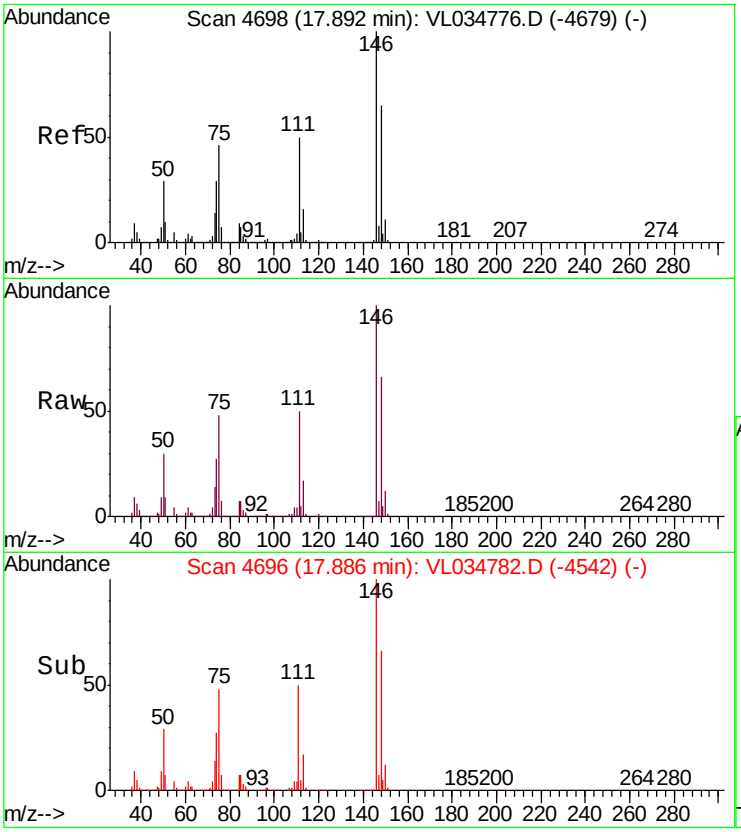


#76
1,4-Dichlorobenzene
Concen: 14.066 ppbv
RT: 17.20 min Scan# 4484
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Tgt Ion:146 Resp: 2385828

Ion	Ratio	Lower	Upper
146	100		
111	47.8	23.5	70.5
148	64.5	32.2	96.6



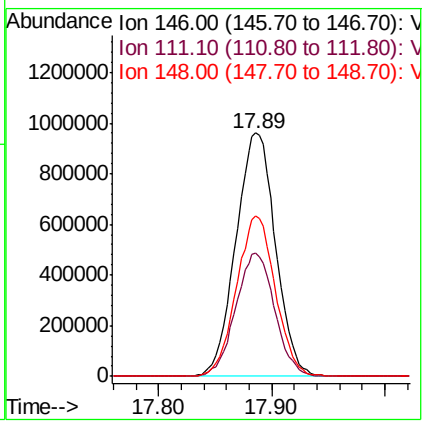


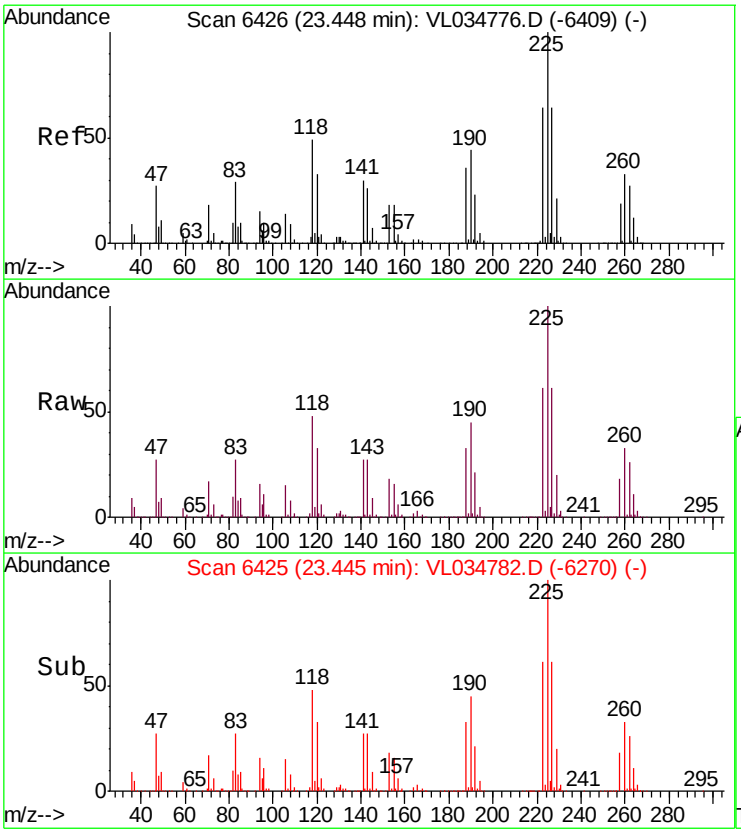
#77
1,2-Dichlorobenzene
Concen: 14.209 ppbv
RT: 17.89 min Scan# 4696
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:146 Resp: 2332947

Ion	Ratio	Lower	Upper
146	100		
111	49.9	25.3	75.8
148	64.8	32.3	96.9

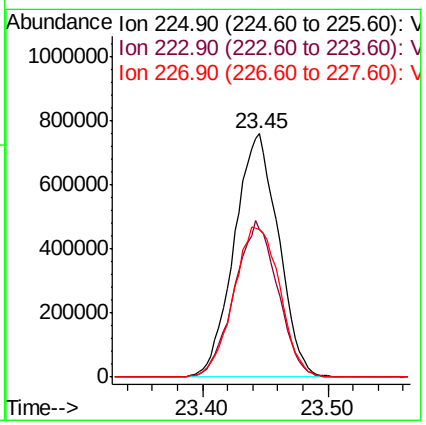


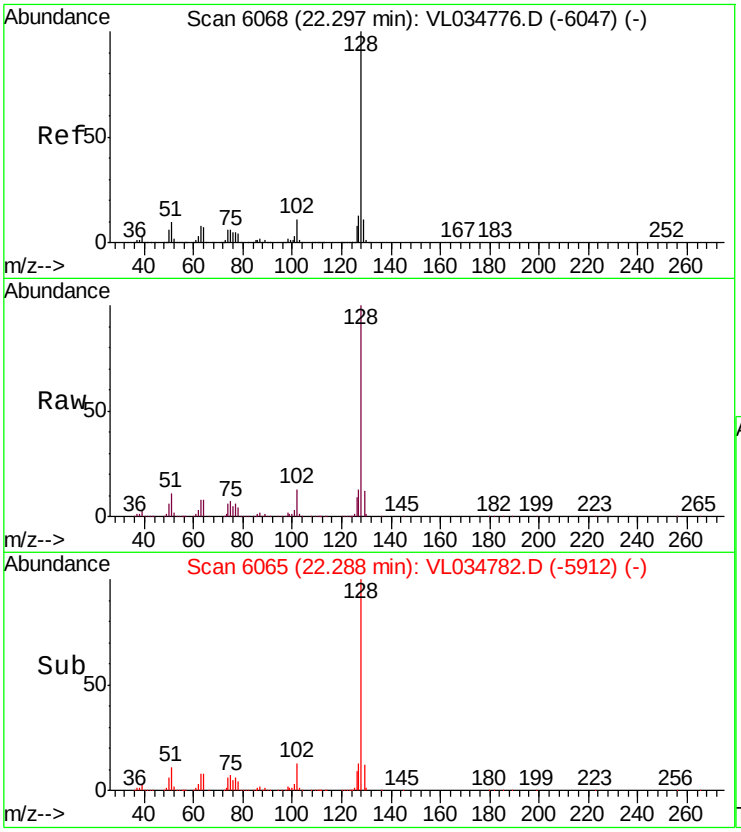


#78
Hexachloro-1,3-Butadiene
Concen: 13.156 ppbv
RT: 23.45 min Scan# 6425
Delta R.T. -0.00 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Tgt Ion:225 Resp: 1860962

Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.3	76.9
227	64.3	51.9	77.9



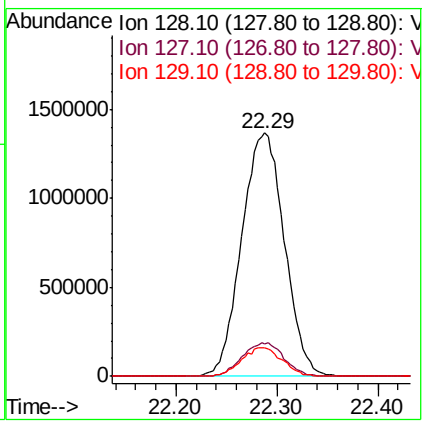


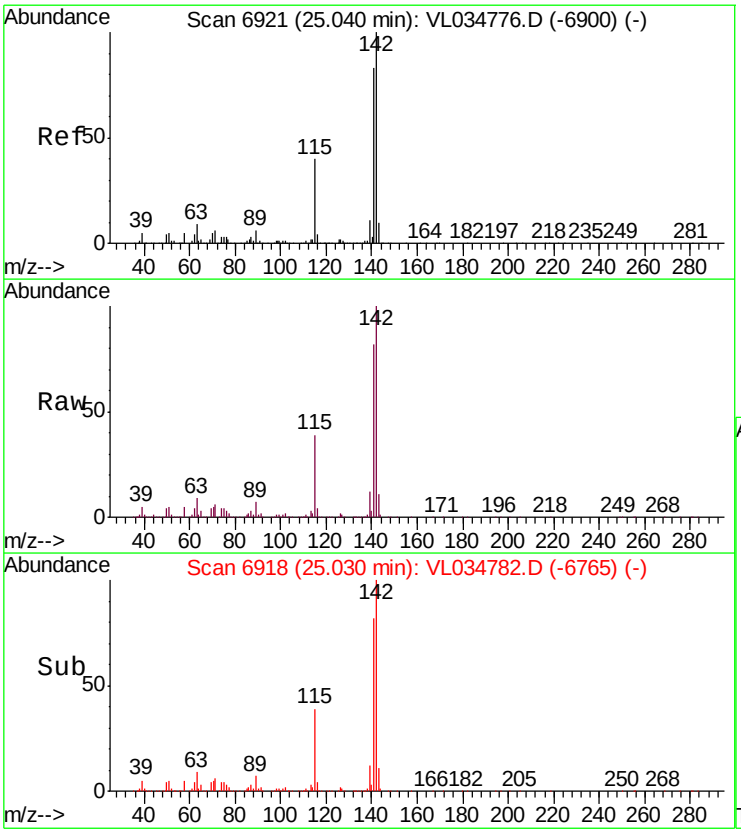
#79
Naphthalene
Concen: 15.468 ppbv
RT: 22.29 min Scan# 6065
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:128 Resp: 4014915

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	11.6	9.0	13.6

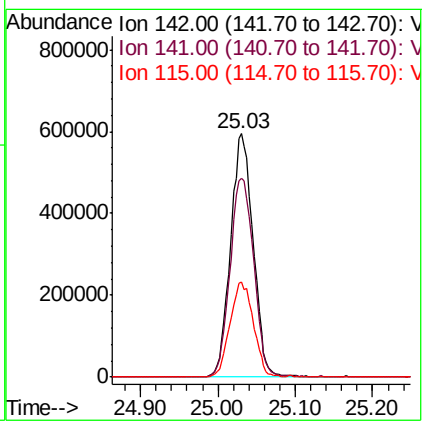


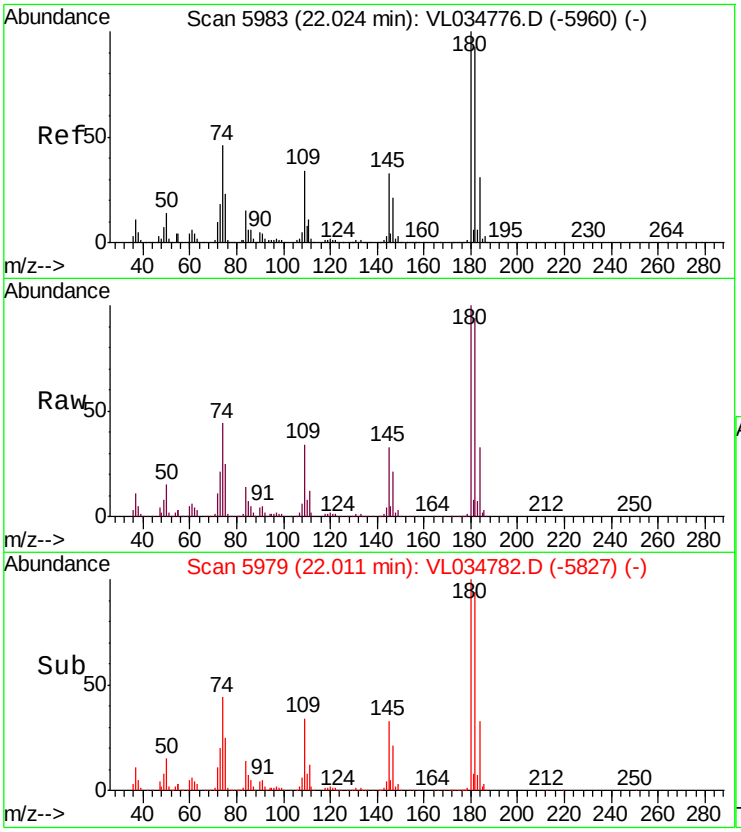


#80
Naphthalene,2-methyl-
Concen: 14.855 ppbv
RT: 25.03 min Scan# 6918
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Tgt Ion:142 Resp: 1189255

Ion	Ratio	Lower	Upper
142	100		
141	85.8	67.7	101.5
115	40.8	30.7	46.1





#81
1,2,4-Trichlorobenzene
Concen: 14.740 ppbv
RT: 22.01 min Scan# 5979
Delta R.T. -0.01 min
Lab File: VL034782.D
Acq: 4 Mar 2020 5:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:180 Resp: 2289050

Ion	Ratio	Lower	Upper
180	100		
182	97.1	76.8	115.2
184	31.6	24.8	37.2