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

Quantitation Report (Not Reviewed)

Data File : VL034778.D
Acq On : 4 Mar 2020 2:42
Operator : SY/AP
Sample : VSTDICC001
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Quant Time: Mar 04 05:58:47 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	1119437	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	2329350	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.14	117	2306286	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.47	95	1922878	10.17	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.02	85	215307	1.220	ppbv	90
3) Chlorodifluoromethane	2.96	51	138537	1.143	ppbv	99
4) Chloromethane	3.12	50	72606	1.080	ppbv	100
5) Vinyl Chloride	3.24	62	71695	1.084	ppbv	95
6) Bromomethane	3.46	94	41815	1.081	ppbv	90
7) Chloroethane	3.54	64	27465	1.123	ppbv	99
8) Dichlorotetrafluoroethane	3.17	85	170813	1.095	ppbv	99
9) Propene	2.99	41	51772	1.027	ppbv	100
10) Heptane	8.16	43	130774	1.006	ppbv	97
11) Trichlorofluoromethane	3.94	101	179785	1.162	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.48	101	121058	1.114	ppbv	97
13) Ethanol	3.60	45	18225	1.148	ppbv	78
14) Bromoethene	3.73	108	49541	1.087	ppbv	97
15) Acetone	3.85	43	145189	1.137	ppbv	96
16) 1,3-Butadiene	3.31	39	62667	1.057	ppbv	98
17) tert-Butyl alcohol	4.29	59	61554	0.629	ppbv #	71
18) 1,1-Dichloroethene	4.29	96	53554	1.097	ppbv	98
19) Isopropyl Alcohol	4.01	45	2329	0.031	ppbv #	1
20) Methylene Chloride	4.34	84	31575	0.667	ppbv #	91
21) Allyl Chloride	4.41	41	88843	1.062	ppbv	98
22) trans-1,2-Dichloroethene	4.89	96	51055	1.083	ppbv	89
23) Vinyl Acetate	5.08	43	184322	1.062	ppbv	99
24) 1,1-Dichloroethane	5.01	63	142943	1.034	ppbv	98
25) Ethyl Acetate	5.69	43	246634	1.090	ppbv	98
26) Hexane	5.70	57	103896	0.999	ppbv	92
27) Carbon Disulfide	4.55	76	117867	1.009	ppbv #	90
28) Methyl tert-Butyl Ether	5.04	73	162010	1.093	ppbv	99
29) Chloroform	5.76	83	183687	1.108	ppbv	89
30) Cyclohexane	7.16	84	74355	0.922	ppbv	96
31) cis-1,2-Dichloroethene	5.56	61	105507	1.031	ppbv	92
32) 1,1,1-Trichloroethane	6.54	97	158926	1.023	ppbv	96
34) 2-Butanone	5.26	43	161186	1.096	ppbv	99
35) Carbon Tetrachloride	7.04	117	166490	1.066	ppbv #	94
36) Benzene	6.92	78	203002	1.011	ppbv	95
37) 1,2-Dichloroethane	6.33	62	138806	1.087	ppbv	99
38) Trichloroethene	7.87	130	45756	0.590	ppbv	88
39) 1,2-Dichloropropane	7.65	63	84192	1.057	ppbv	92
41) Tetrahydrofuran	6.08	42	42831	0.556	ppbv #	51
42) Bromodichloromethane	7.82	83	172913	1.035	ppbv #	95
43) Methyl Methacrylate	8.05	69	79504	0.942	ppbv	93
44) 2,2,4-Trimethylpentane	7.90	57	366594	1.045	ppbv	99

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

Quantitation Report (Not Reviewed)

Data File : VL034778.D
Acq On : 4 Mar 2020 2:42
Operator : SY/AP
Sample : VSTDICC001
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Quant Time: Mar 04 05:58:47 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)
45) t-1,3-Dichloropropene	9.32	75	70075	0.765	ppbv		95
46) cis-1,3-Dichloropropene	8.74	75	100613	0.914	ppbv		98
47) 1,1,2-Trichloroethane	9.52	97	85263	1.037	ppbv		92
48) Dibromochloromethane	10.35	129	127644	0.995	ppbv		98
49) Bromoform	13.10	173	109268	0.978	ppbv		100
50) 4-Methyl-2-Pentanone	8.79	43	219207	1.050	ppbv		97
51) 2-Hexanone	10.19	43	160545	0.977	ppbv	#	97
52) Tetrachloroethene	11.28	164	71600	0.968	ppbv		89
53) Toluene	9.85	91	213062	0.997	ppbv		96
54) 1,2-Dibromoethane	10.66	107	74156	0.604	ppbv		84
56) 1,1,1,2-Tetrachloroethane	12.18	131	109729	1.106	ppbv	#	1
57) Chlorobenzene	12.20	112	88502	0.518	ppbv		95
58) Ethyl Benzene	12.77	91	294016	1.048	ppbv		100
59) m/p-Xylene	13.05	91	246799	1.014	ppbv	#	30
60) o-Xylene	13.74	91	273095	1.126	ppbv		91
61) Styrene	13.59	104	149887	0.965	ppbv		98
62) Isopropylbenzene	14.73	105	395540	1.118	ppbv		97
63) 1,1,2,2-Tetrachloroethane	13.73	83	138602	0.733	ppbv	#	65
64) n-propylbenzene	15.62	120	52286	0.574	ppbv		69
65) tert-Butylbenzene	16.81	119	336153	1.098	ppbv		96
66) Benzyl Chloride	17.06	91	50647	0.456	ppbv	#	81
67) sec-Butylbenzene	17.36	105	491433	1.113	ppbv		98
69) p-Isopropyltoluene	17.72	119	390758	1.075	ppbv		98
70) n-Butylbenzene	18.61	91	246349	0.622	ppbv	#	32
71) 2-Chlorotoluene	15.51	91	288529	1.050	ppbv		98
72) 4-Ethyltoluene	15.90	105	281903	1.042	ppbv		99
73) 1,3,5-Trimethylbenzene	16.06	105	275343	1.056	ppbv		89
74) 1,2,4-Trimethylbenzene	16.83	105	309477	1.074	ppbv	#	87
75) 1,3-Dichlorobenzene	17.06	146	188952	1.136	ppbv		98
76) 1,4-Dichlorobenzene	17.20	146	94314	0.568	ppbv	#	30
77) 1,2-Dichlorobenzene	17.88	146	170394	1.061	ppbv		99
78) Hexachloro-1,3-Butadiene	23.45	225	79366	0.573	ppbv	#	18
79) Naphthalene	22.30	128	188602	0.743	ppbv	#	93
80) Naphthalene,2-methyl-	25.04	142	31754	0.405	ppbv		96
81) 1,2,4-Trichlorobenzene	22.02	180	50768	0.334	ppbv	#	1

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

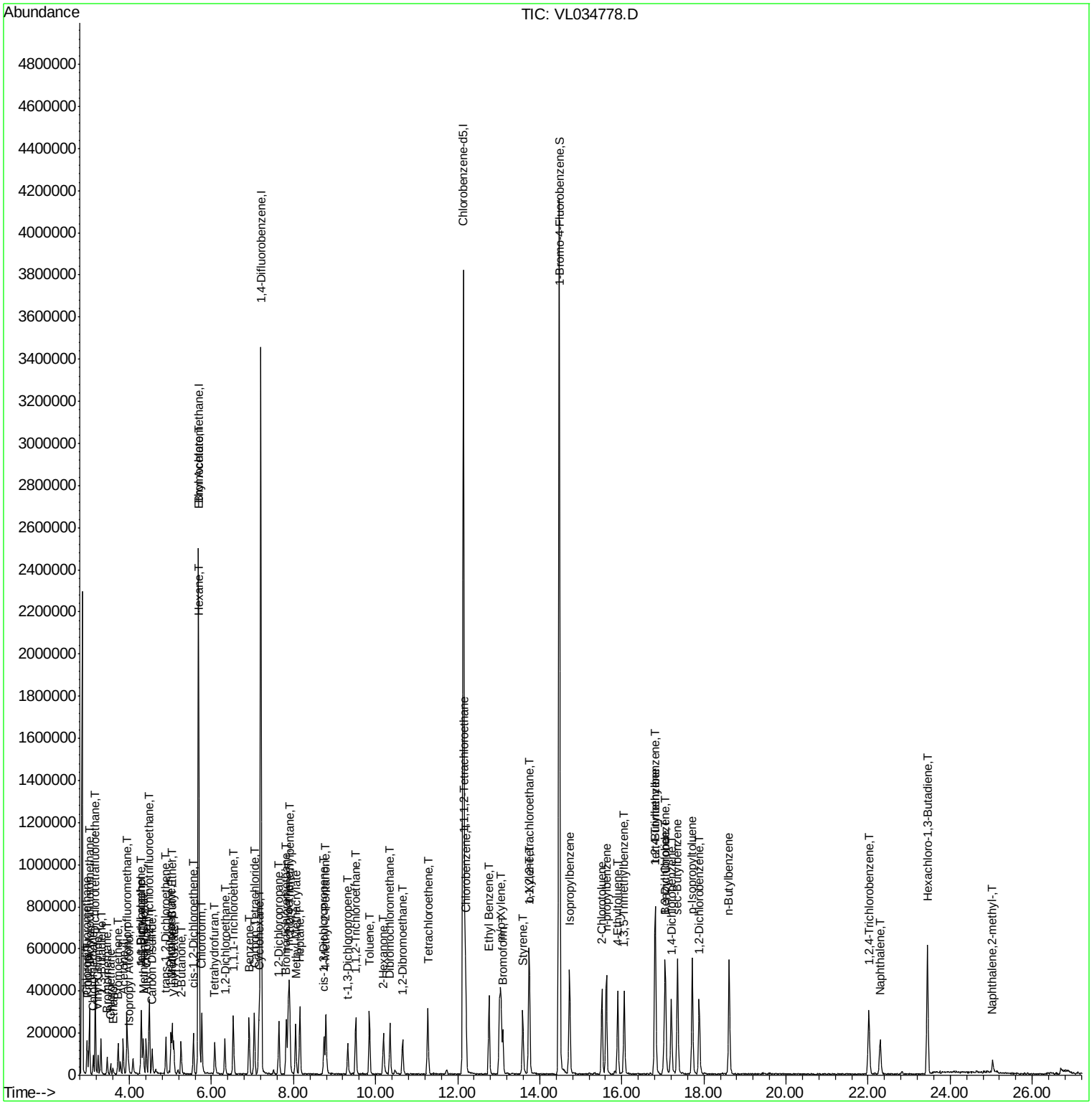
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030420\

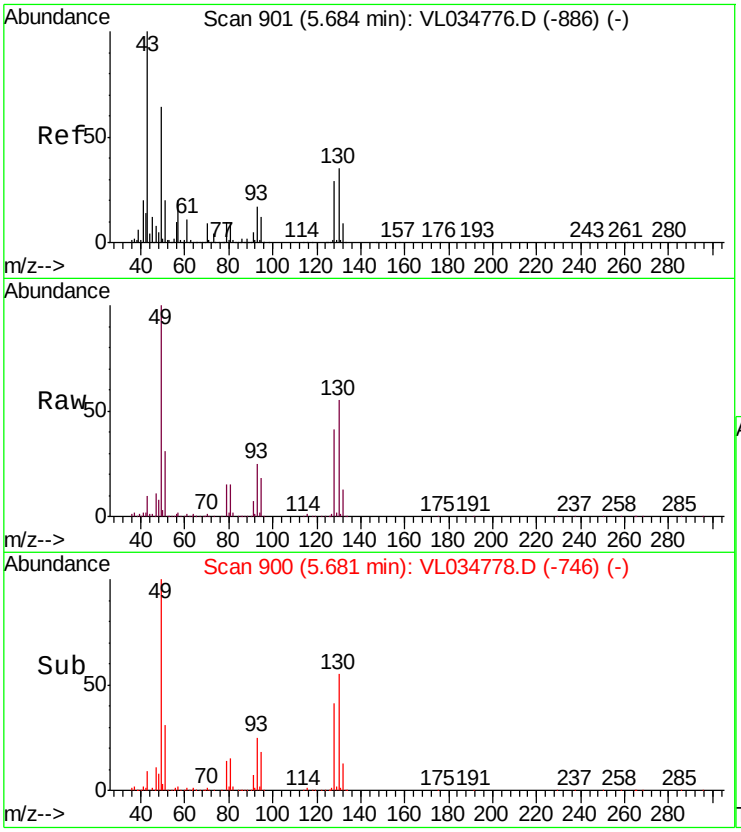
Quantitation Report (Not Reviewed)

Data File : VL034778.D
Acq On : 4 Mar 2020 2:42
Operator : SY/AP
Sample : VSTDICC001
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Quant Time: Mar 04 05:58:47 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



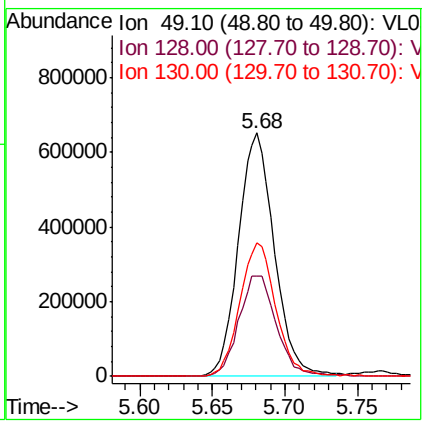


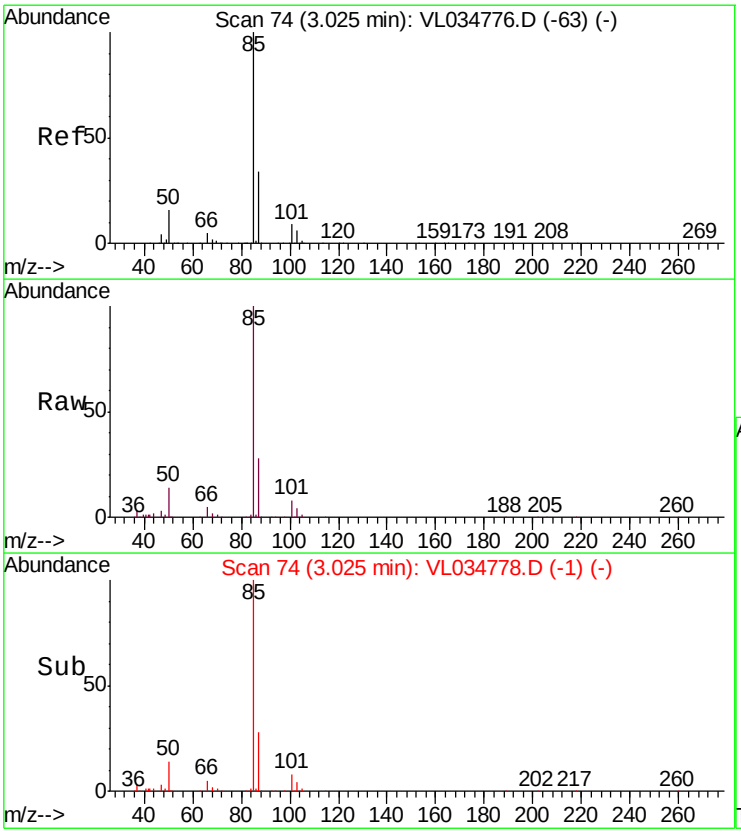
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 49 Resp: 1119437

Ion	Ratio	Lower	Upper
49	100		
128	43.6	21.6	64.6
130	55.7	27.4	82.2

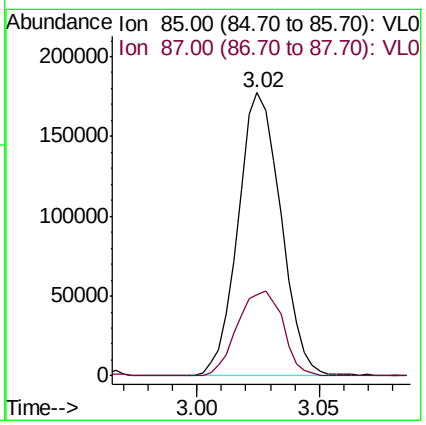


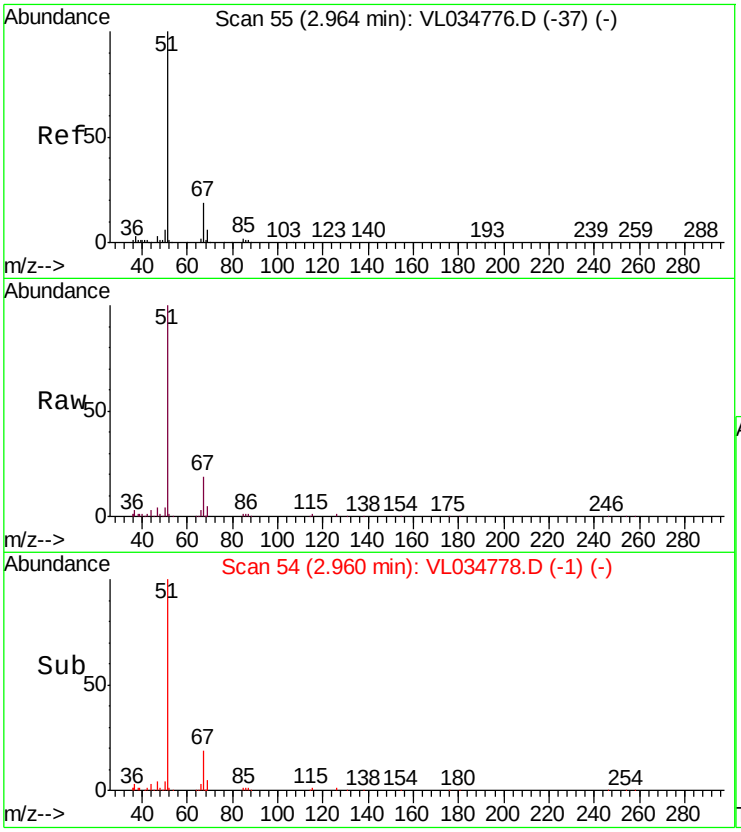


#2
Dichlorodifluoromethane
Concen: 1.220 ppbv
RT: 3.02 min Scan# 74
Delta R.T. -0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Tgt Ion: 85 Resp: 215307

Ion	Ratio	Lower	Upper
85	100		
87	28.5	27.2	40.8



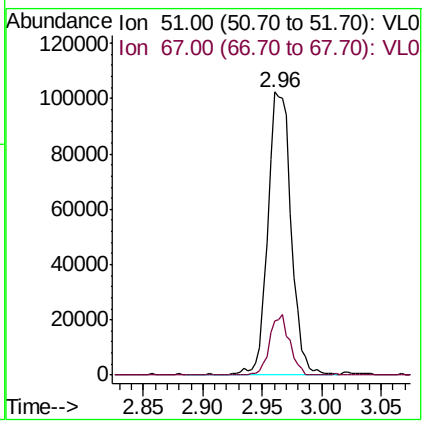


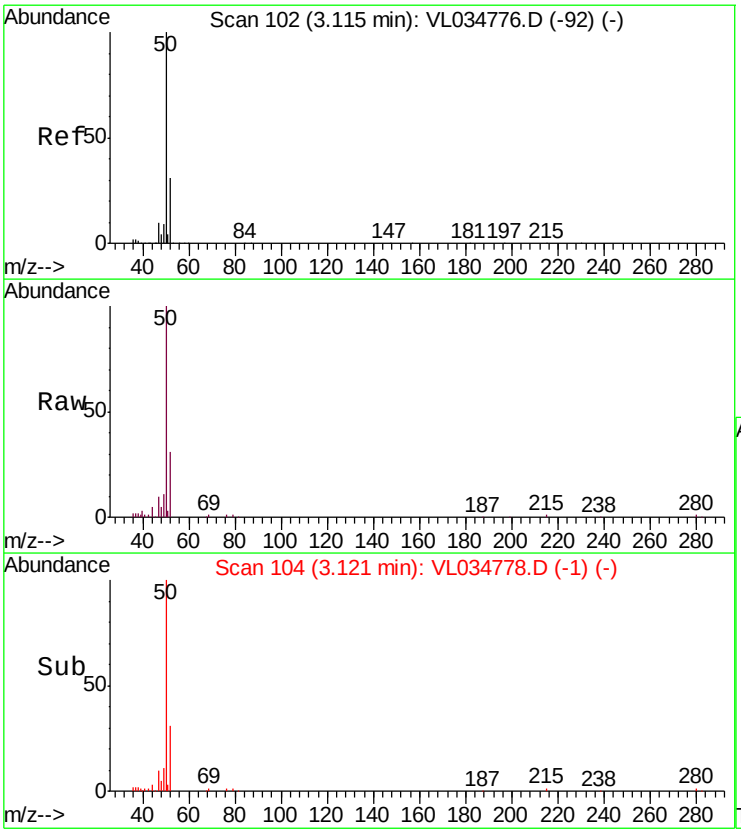
#3
Chlorodifluoromethane
Concen: 1.143 ppbv
RT: 2.96 min Scan# 54
Delta R.T. -0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 51 Resp: 138537

Ion	Ratio	Lower	Upper
51	100		
67	18.5	15.3	22.9

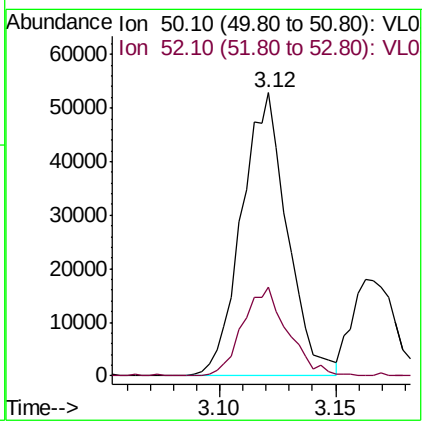


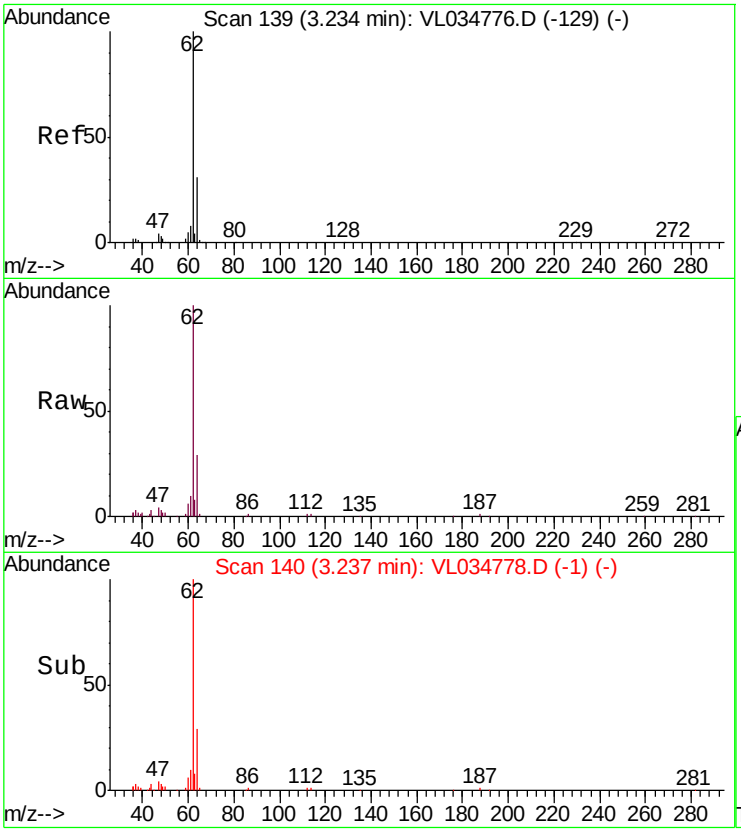


#4
Chloromethane
Concen: 1.080 ppbv
RT: 3.12 min Scan# 104
Delta R.T. 0.01 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Tgt Ion: 50 Resp: 72606

Ion	Ratio	Lower	Upper
50	100		
52	31.4	25.0	37.4



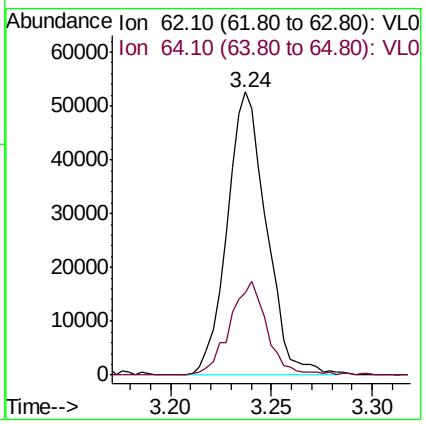


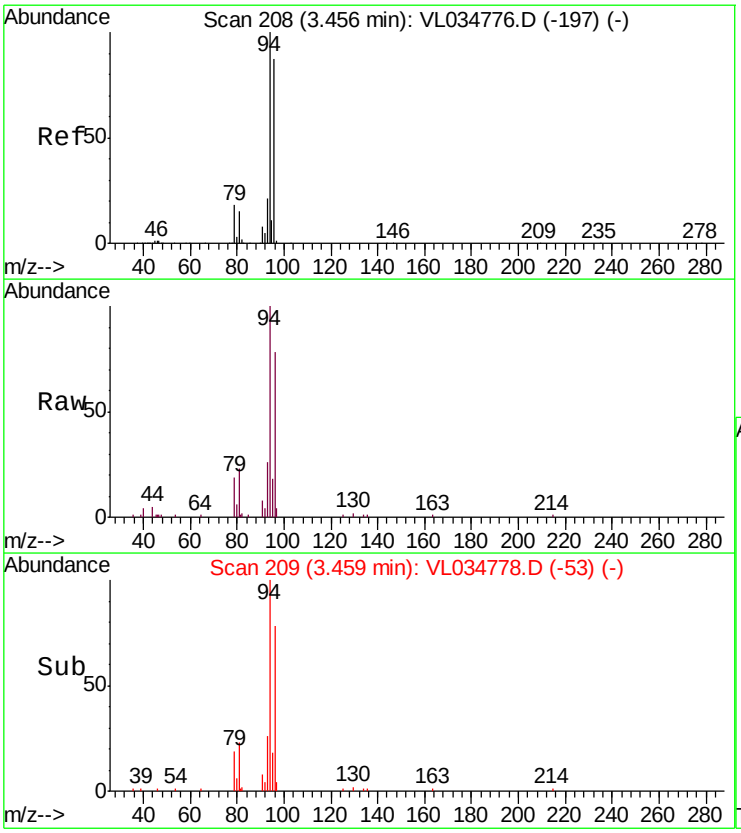
#5
Vinyl Chloride
Concen: 1.084 ppbv
RT: 3.24 min Scan# 140
Delta R.T. 0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 62 Resp: 71695

Ion	Ratio	Lower	Upper
62	100		
64	28.9	25.1	37.7

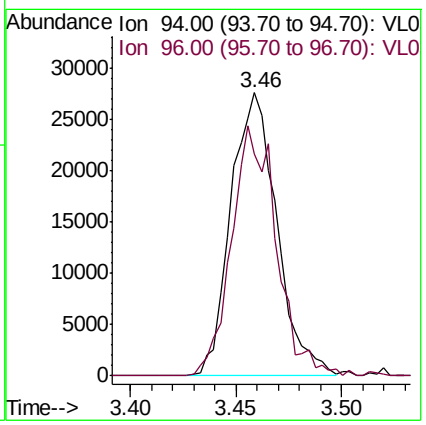


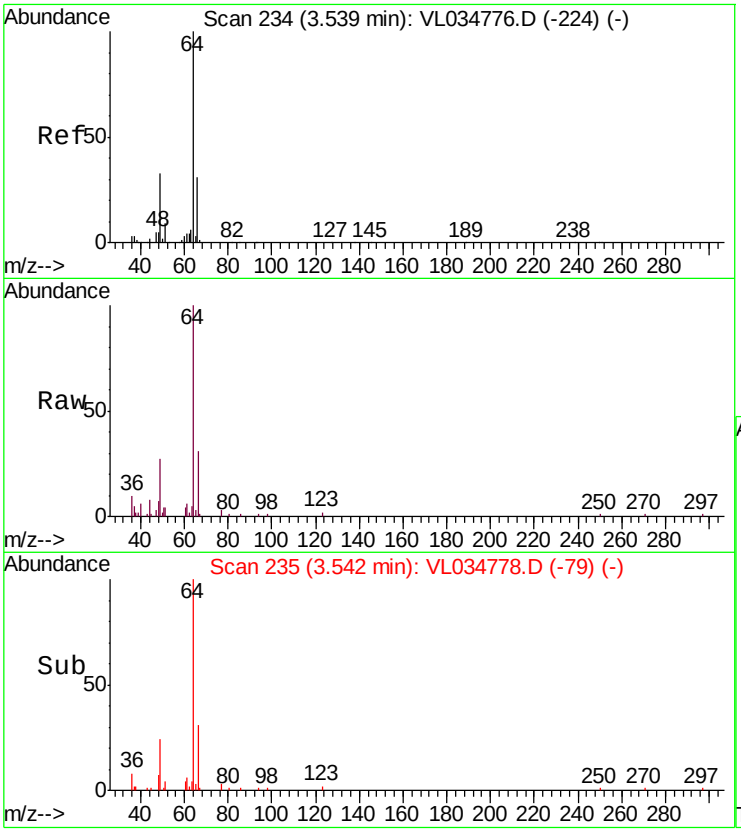


#6
Bromomethane
Concen: 1.081 ppbv
RT: 3.46 min Scan# 209
Delta R.T. 0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Tgt Ion: 94 Resp: 41815

Ion	Ratio	Lower	Upper
94	100		
96	78.4	70.0	105.0



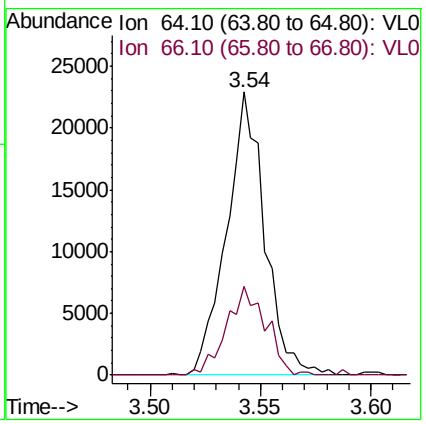


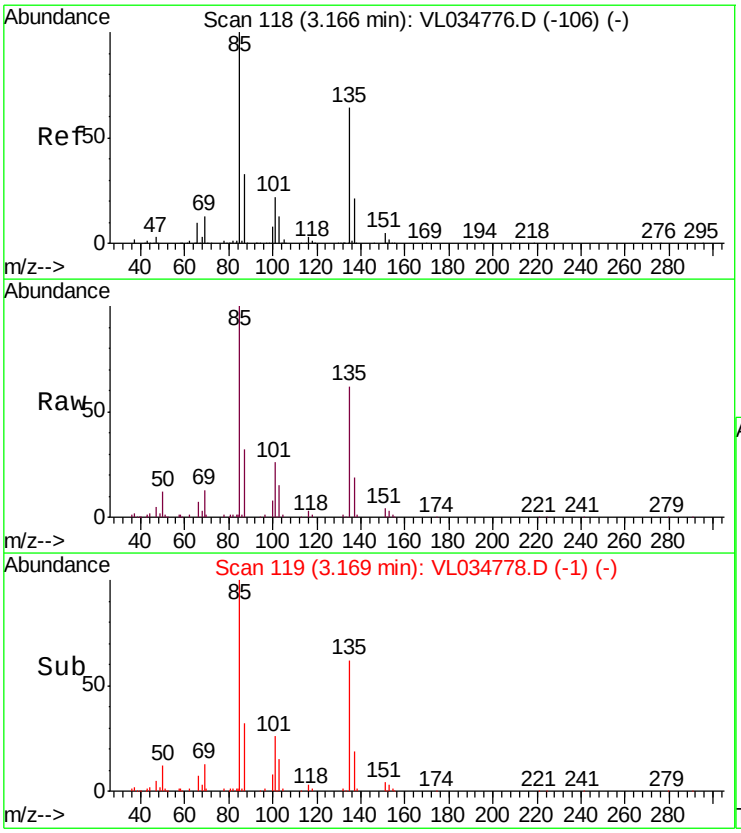
#7
Chloroethane
Concen: 1.123 ppbv
RT: 3.54 min Scan# 235
Delta R.T. 0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 64 Resp: 27465

Ion	Ratio	Lower	Upper
64	100		
66	31.4	24.8	37.2

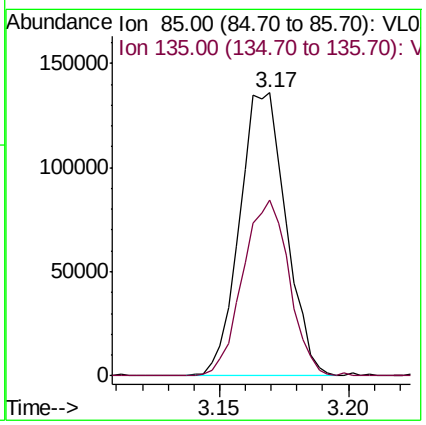


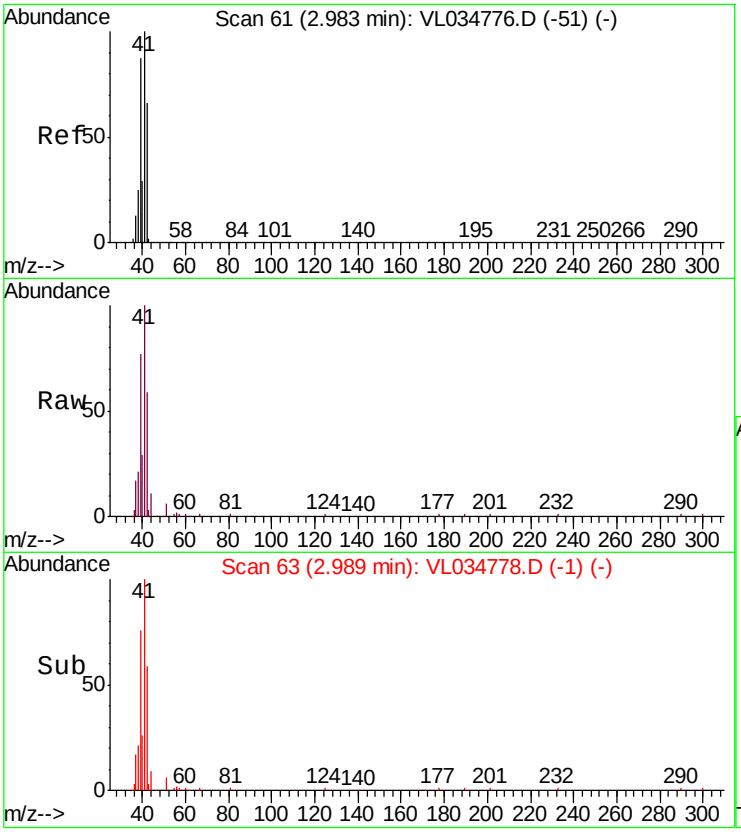


#8
Dichlorotetrafluoroethane
Concen: 1.095 ppbv
RT: 3.17 min Scan# 119
Delta R.T. 0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Tgt Ion: 85 Resp: 170813

Ion	Ratio	Lower	Upper
85	100		
135	62.3	49.4	74.2



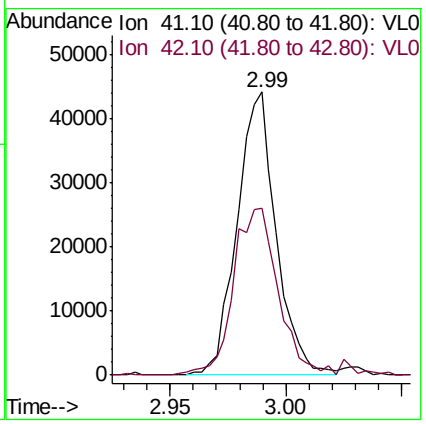


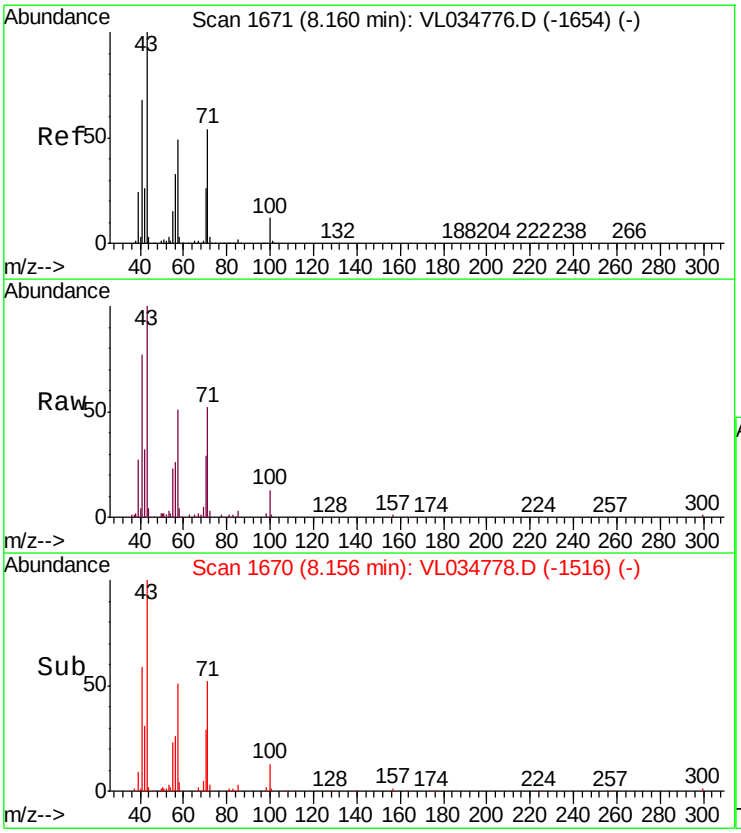
#9
Propene
Concen: 1.027 ppbv
RT: 2.99 min Scan# 63
Delta R.T. 0.01 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 41 Resp: 51772

Ion	Ratio	Lower	Upper
41	100		
42	69.5	55.6	83.4

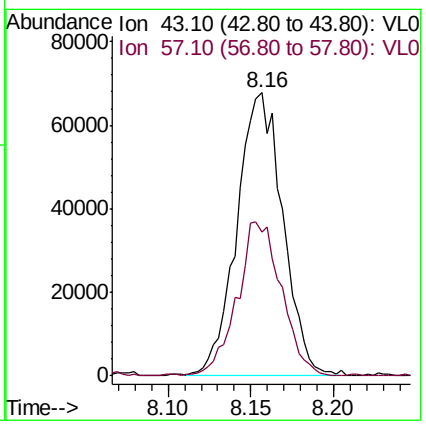


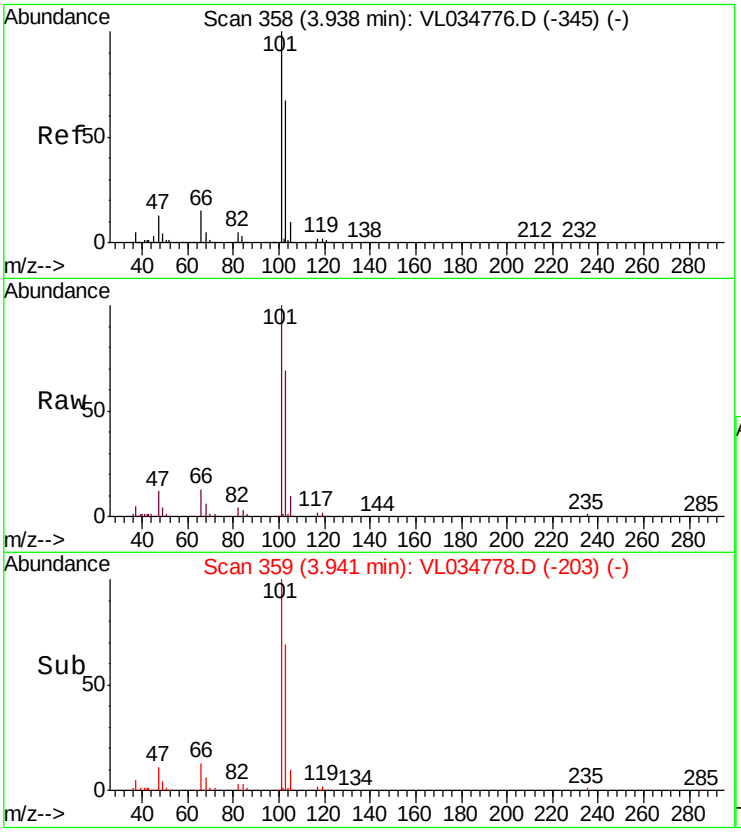


#10
Heptane
Concen: 1.006 ppbv
RT: 8.16 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Tgt Ion: 43 Resp: 130774

Ion	Ratio	Lower	Upper
43	100		
57	52.7	40.5	60.7



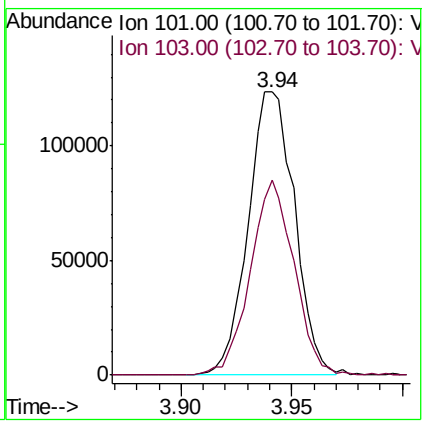


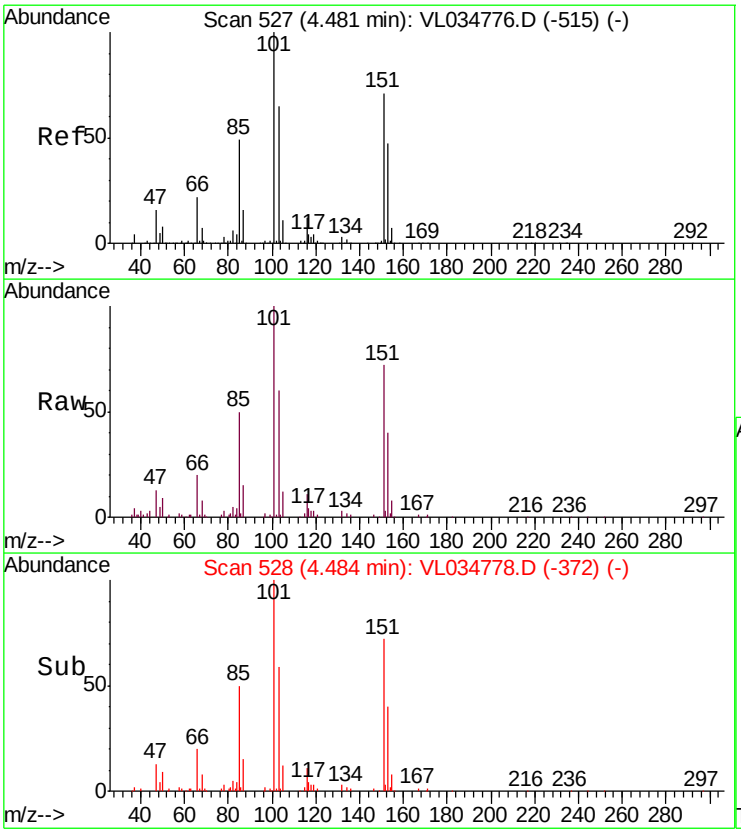
#11
Trichlorofluoromethane
Concen: 1.162 ppbv
RT: 3.94 min Scan# 359
Delta R.T. 0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:101 Resp: 179785

Ion	Ratio	Lower	Upper
101	100		
103	68.8	53.6	80.4

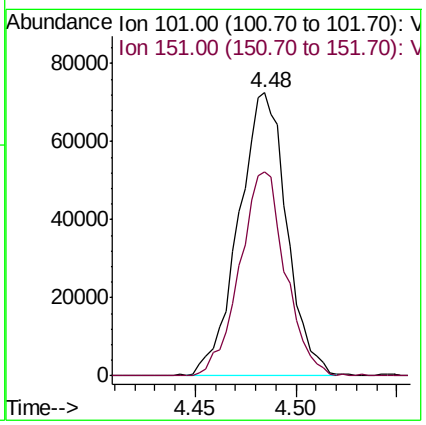


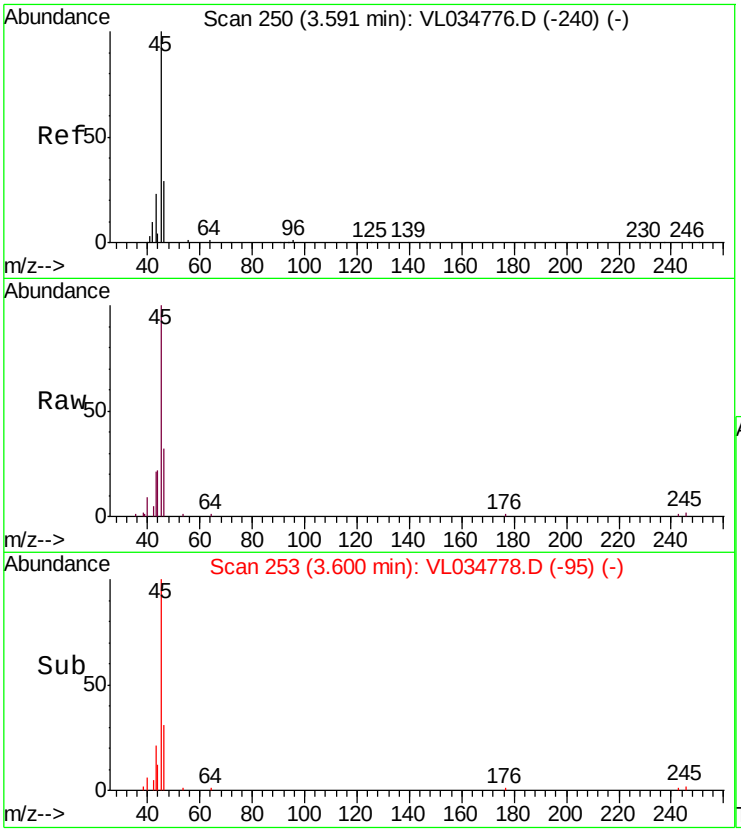


#12
1,1,2-Trichlorotrifluoroethane
Concen: 1.114 ppbv
RT: 4.48 min Scan# 528
Delta R.T. 0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Tgt Ion:101 Resp: 121058

Ion	Ratio	Lower	Upper
101	100		
151	68.6	56.6	85.0



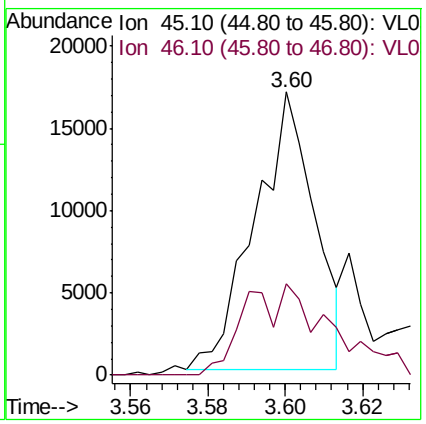


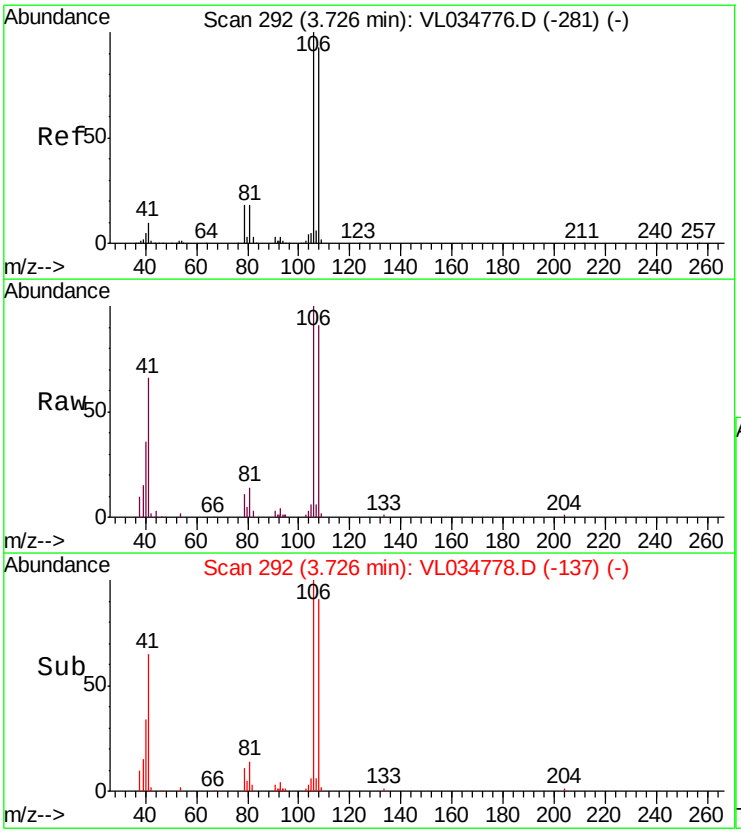
#13
Ethanol
Concen: 1.148 ppbv
RT: 3.60 min Scan# 253
Delta R.T. 0.01 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 45 Resp: 18225

Ion	Ratio	Lower	Upper
45	100		
46	49.9	14.7	58.9

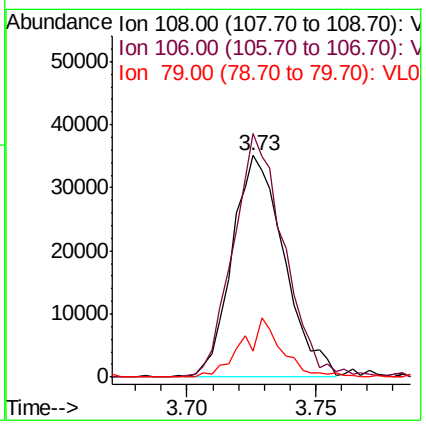


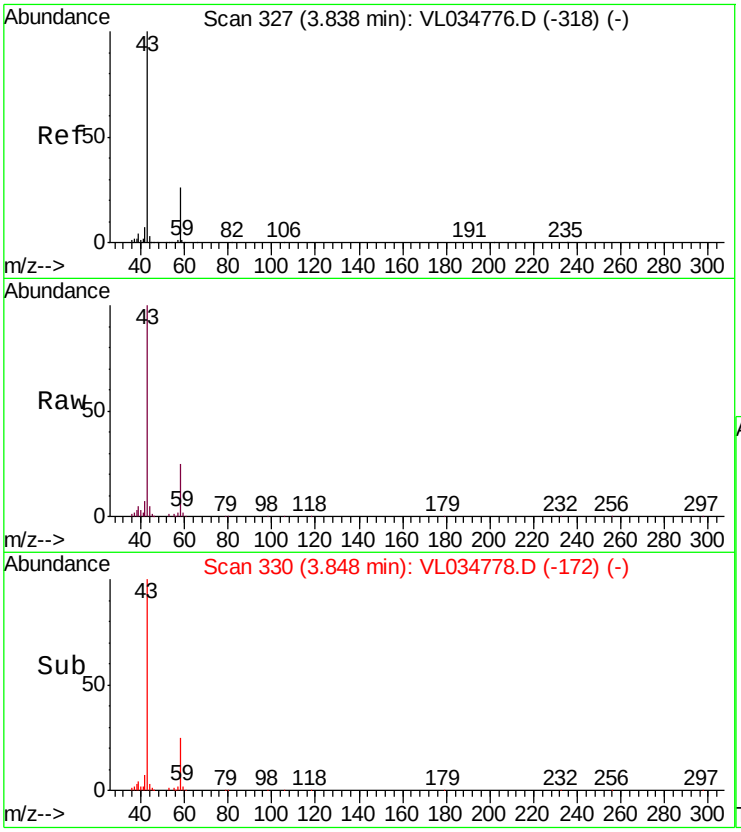


#14
Bromoethene
Concen: 1.087 ppbv
RT: 3.73 min Scan# 292
Delta R.T. -0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Tgt Ion:108 Resp: 49541

Ion	Ratio	Lower	Upper
108	100		
106	107.8	83.5	125.3
79	21.1	15.6	23.4



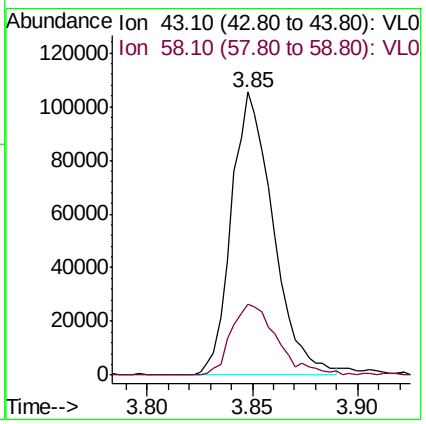


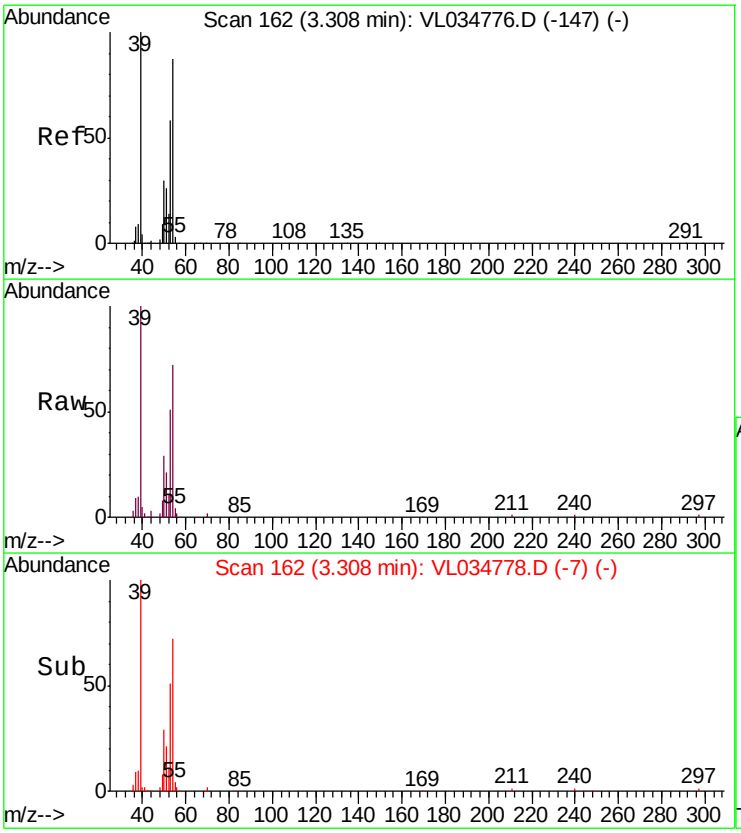
#15
Acetone
Concen: 1.137 ppbv
RT: 3.85 min Scan# 330
Delta R.T. 0.01 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 43 Resp: 145189

Ion	Ratio	Lower	Upper
43	100		
58	28.3	21.0	31.6

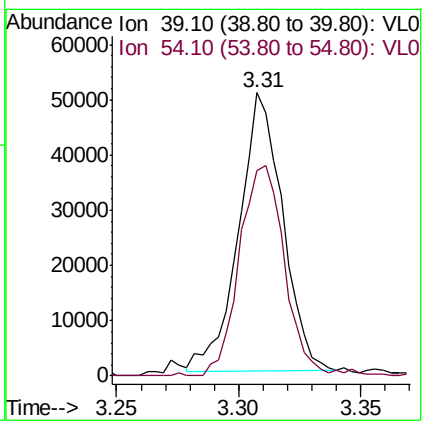


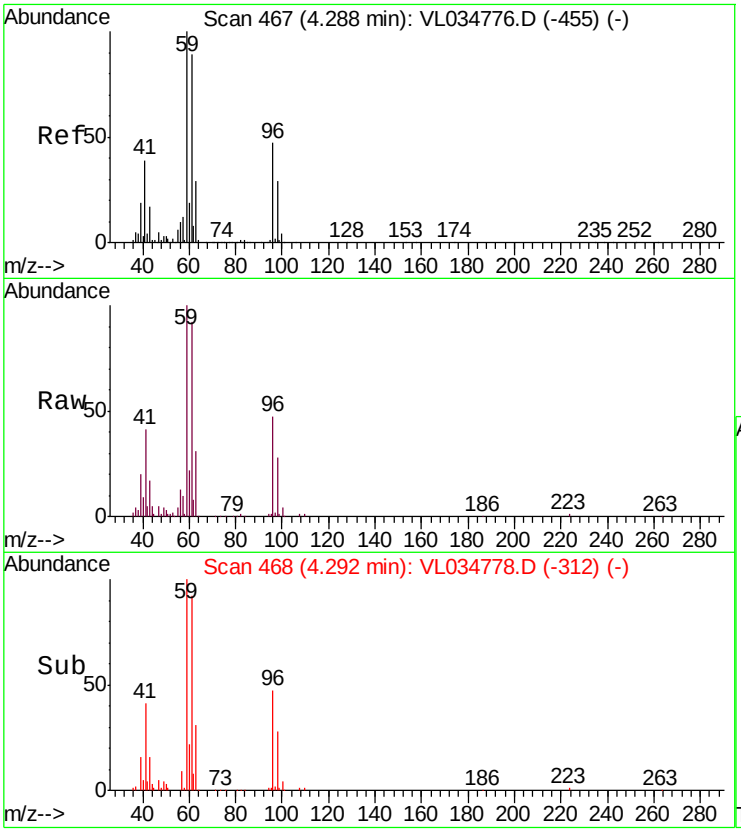


#16
1,3-Butadiene
Concen: 1.057 ppbv
RT: 3.31 min Scan# 162
Delta R.T. -0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Tgt Ion: 39 Resp: 62667

Ion	Ratio	Lower	Upper
39	100		
54	78.9	64.2	96.2



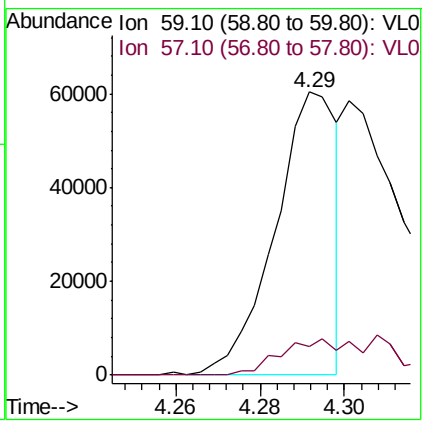


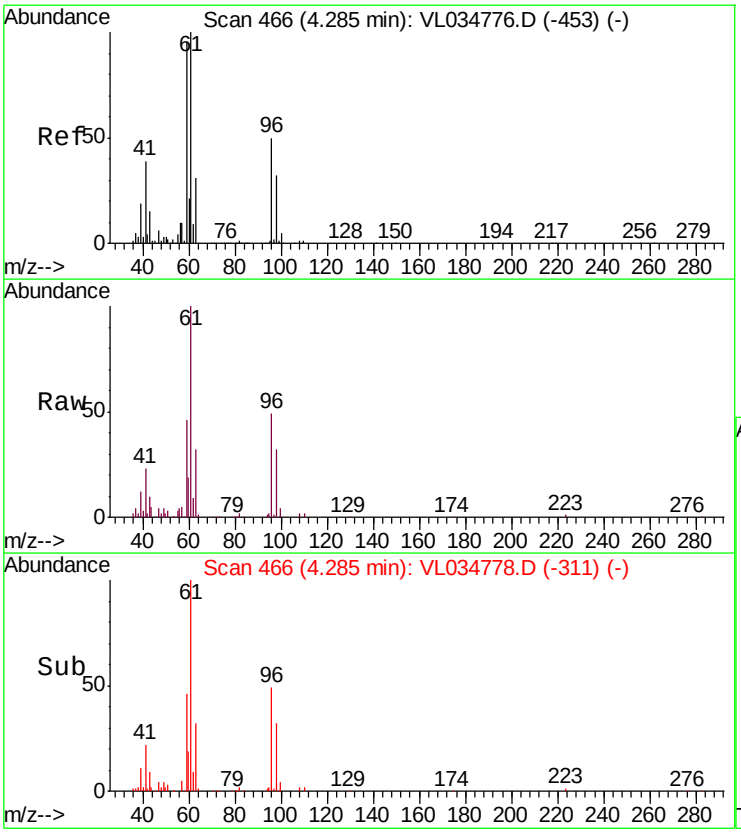
#17
tert-Butyl alcohol
Concen: 0.629 ppbv
RT: 4.29 min Scan# 468
Delta R.T. 0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 59 Resp: 61554

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	13.0#

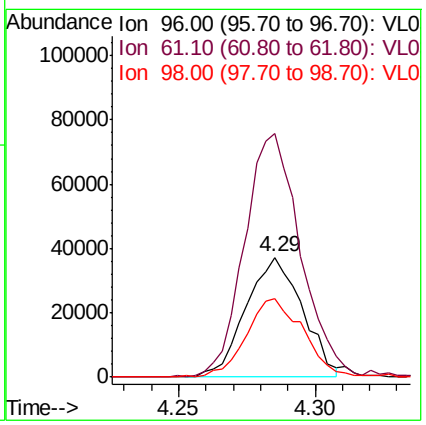


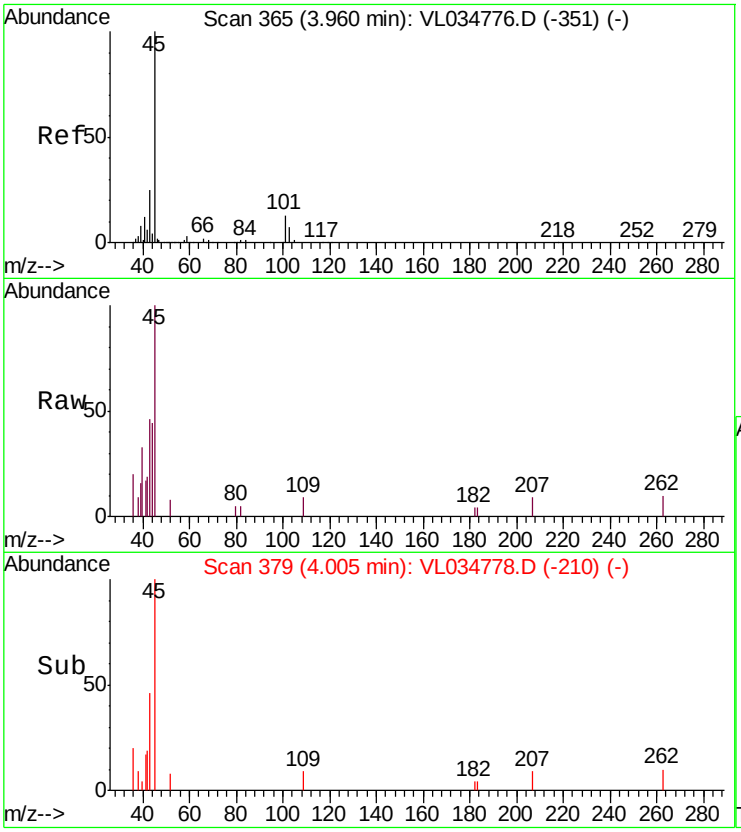


#18
1,1-Dichloroethene
Concen: 1.097 ppbv
RT: 4.29 min Scan# 466
Delta R.T. -0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Tgt Ion: 96 Resp: 53554

Ion	Ratio	Lower	Upper
96	100		
61	203.4	159.5	239.3
98	64.8	51.1	76.7



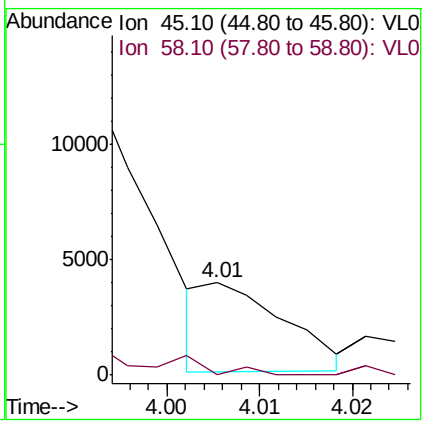


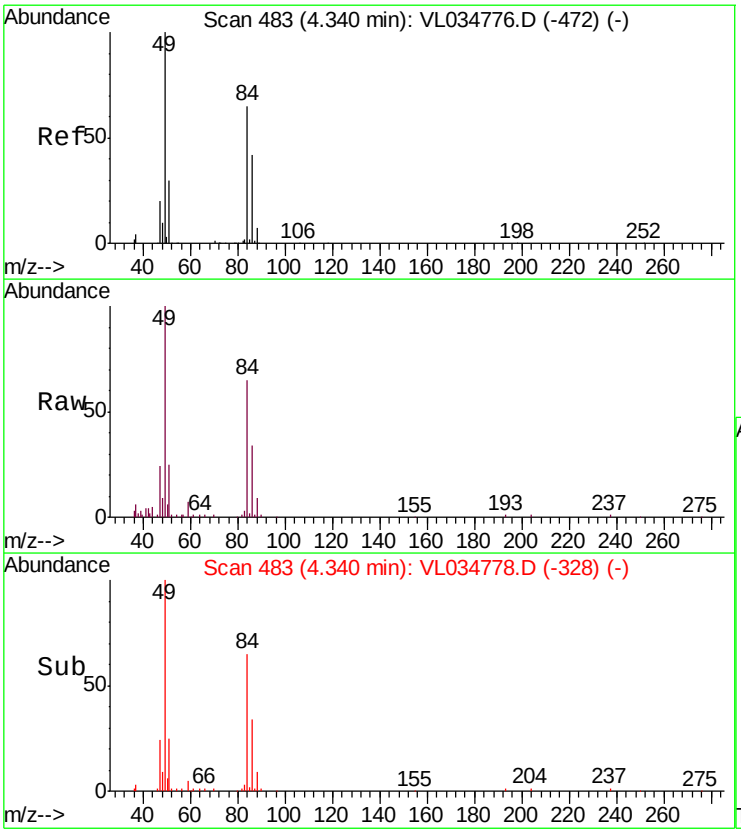
#19
Isopropyl Alcohol
Concen: 0.031 ppbv
RT: 4.01 min Scan# 379
Delta R.T. 0.04 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 45 Resp: 2329

Ion	Ratio	Lower	Upper
45	100		
58	157.4	1.8	2.8#

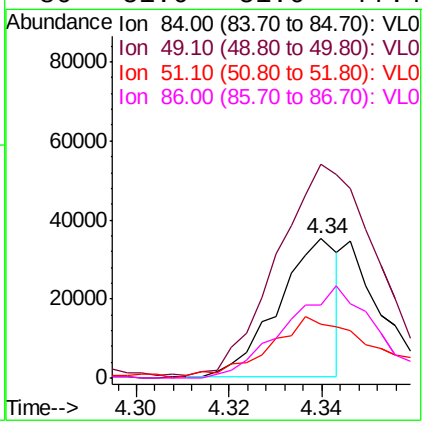


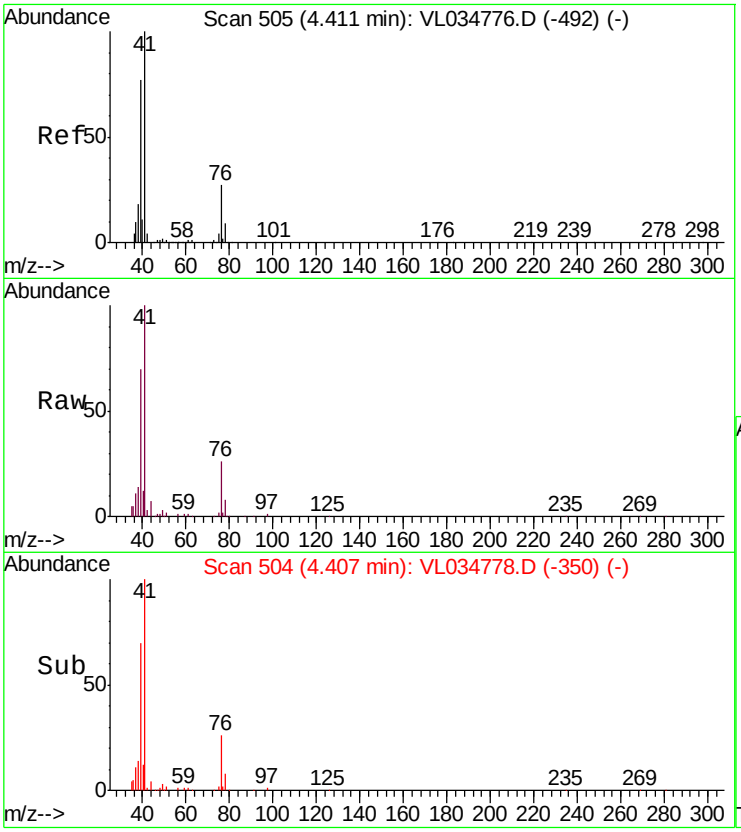


#20
Methylene Chloride
Concen: 0.667 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Tgt Ion: 84 Resp: 31575

Ion	Ratio	Lower	Upper
84	100		
49	149.3	123.2	184.8
51	37.3	37.4	56.2#
86	51.6	51.6	77.4



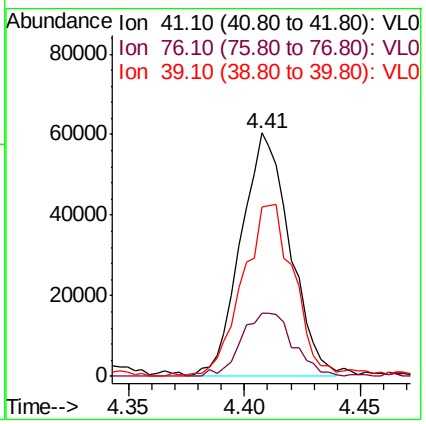


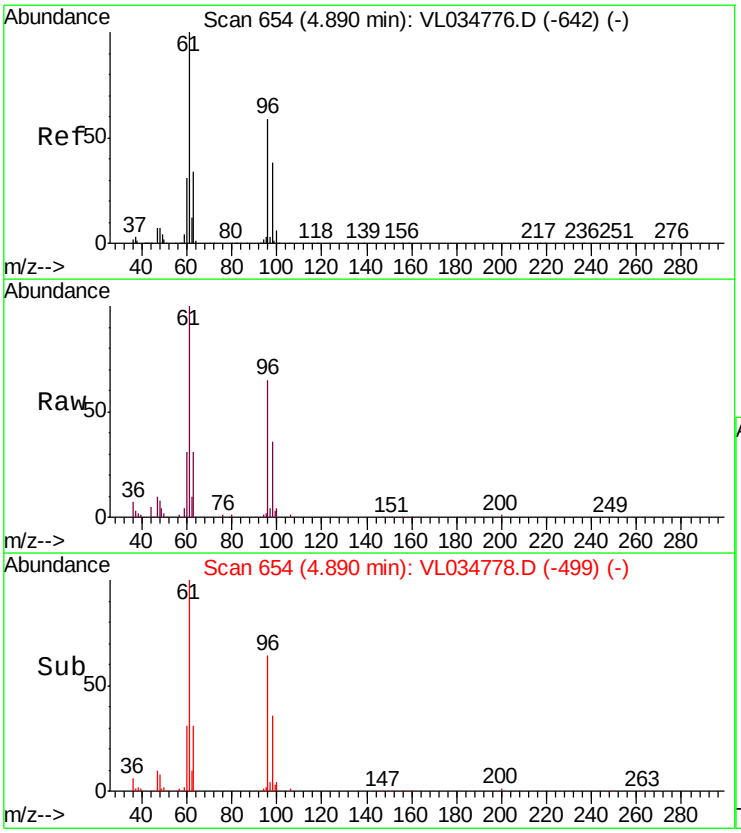
#21
Allyl Chloride
Concen: 1.062 ppbv
RT: 4.41 min Scan# 504
Delta R.T. -0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 41 Resp: 88843

Ion	Ratio	Lower	Upper
41	100		
76	27.6	22.5	33.7
39	78.6	65.0	97.6

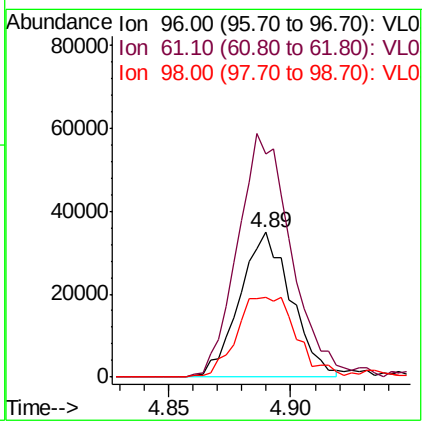


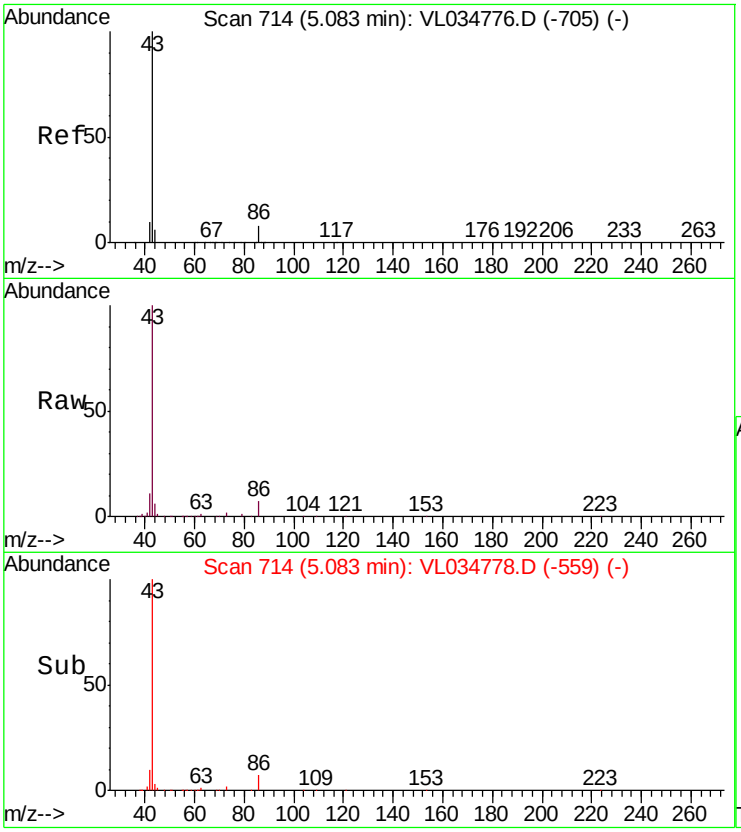


#22
trans-1,2-Dichloroethene
Concen: 1.083 ppbv
RT: 4.89 min Scan# 654
Delta R.T. -0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Tgt Ion: 96 Resp: 51055

Ion	Ratio	Lower	Upper
96	100		
61	153.2	135.2	202.8
98	54.9	50.8	76.2



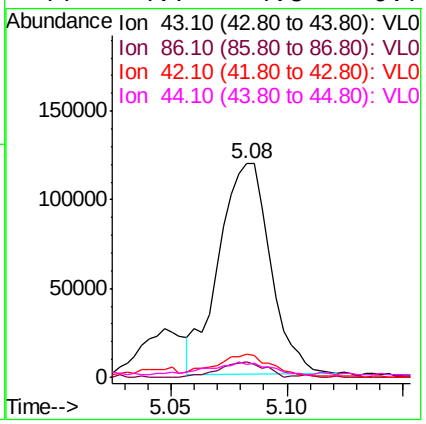


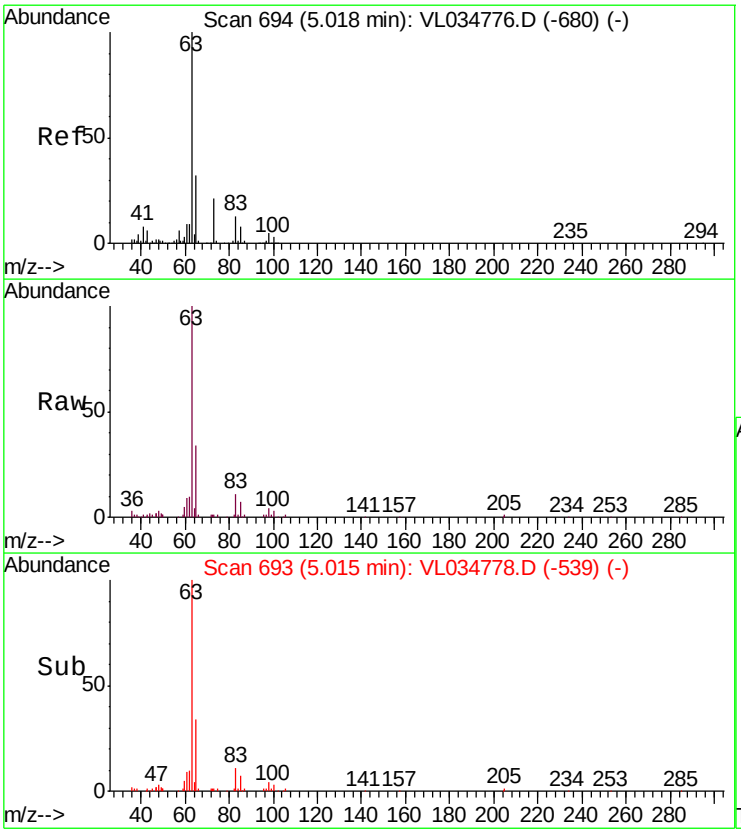
#23
Vinyl Acetate
Concen: 1.062 ppbv
RT: 5.08 min Scan# 714
Delta R.T. -0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 43 Resp: 184322

Ion	Ratio	Lower	Upper
43	100		
86	7.2	5.9	8.9
42	10.4	8.2	12.2
44	4.7	4.5	6.7

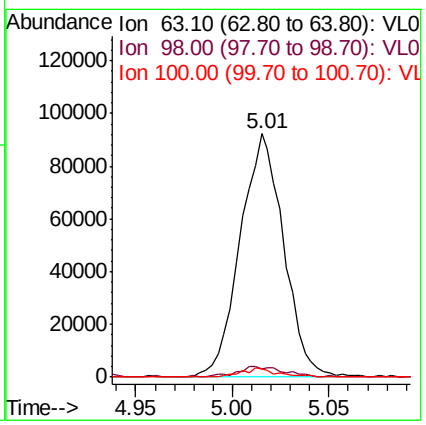


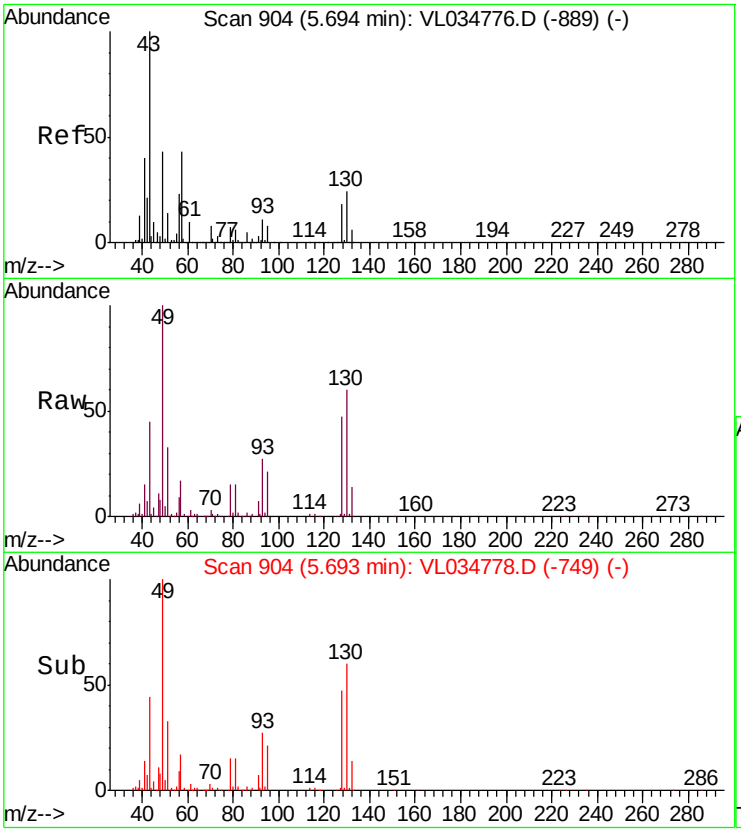


#24
1,1-Dichloroethane
Concen: 1.034 ppbv
RT: 5.01 min Scan# 693
Delta R.T. -0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Tgt Ion: 63 Resp: 142943

Ion	Ratio	Lower	Upper
63	100		
98	3.4	2.3	6.8
100	3.2	1.5	4.4



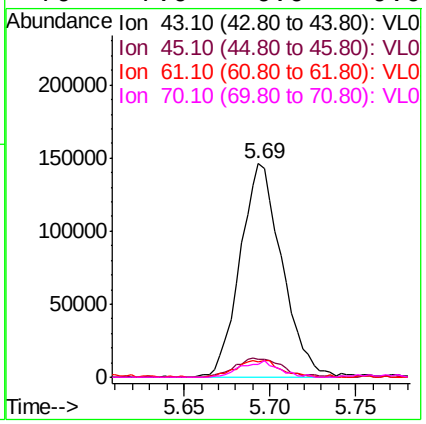


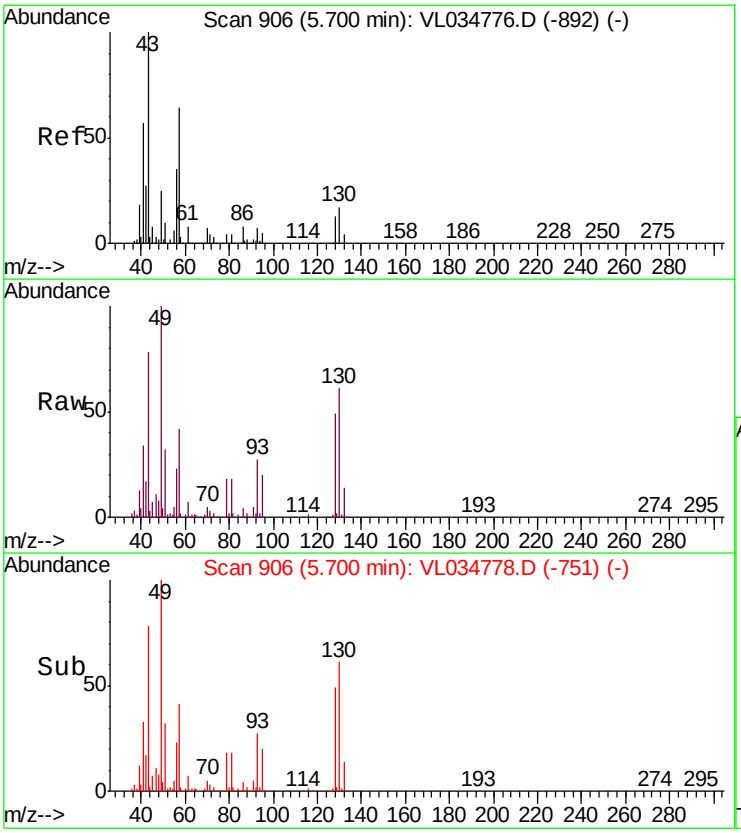
#25
Ethyl Acetate
Concen: 1.090 ppbv
RT: 5.69 min Scan# 904
Delta R.T. -0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 43 Resp: 246634

Ion	Ratio	Lower	Upper
43	100		
45	10.7	8.2	12.4
61	8.5	7.5	11.3
70	7.0	6.0	9.0

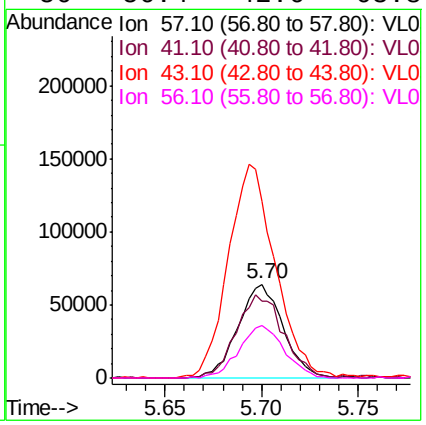


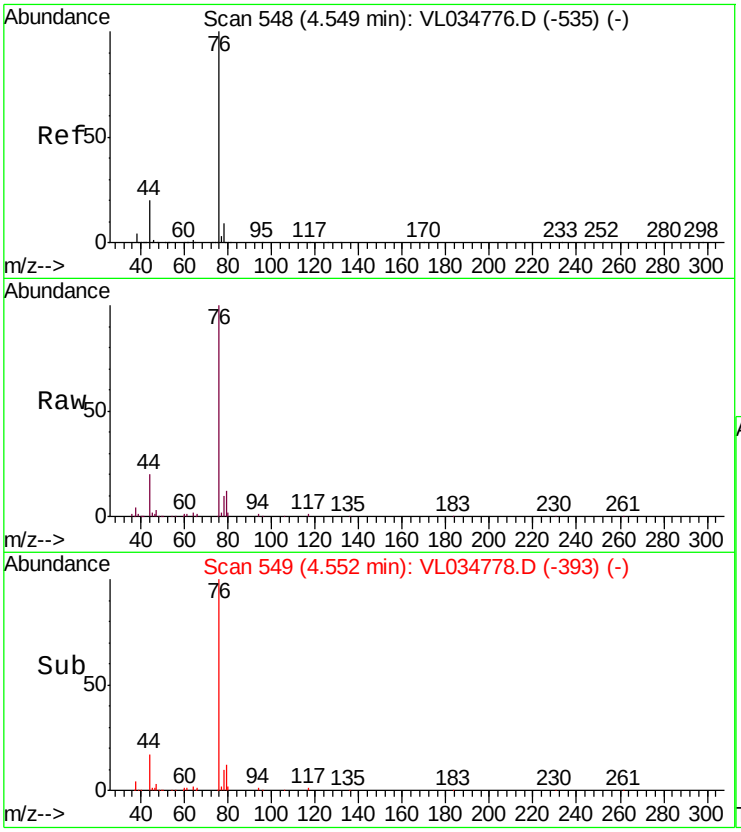


#26
Hexane
Concen: 0.999 ppbv
RT: 5.70 min Scan# 906
Delta R.T. -0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Tgt Ion: 57 Resp: 103896

Ion	Ratio	Lower	Upper
57	100		
41	94.0	72.0	108.0
43	241.2	179.1	268.7
56	56.4	42.6	63.8



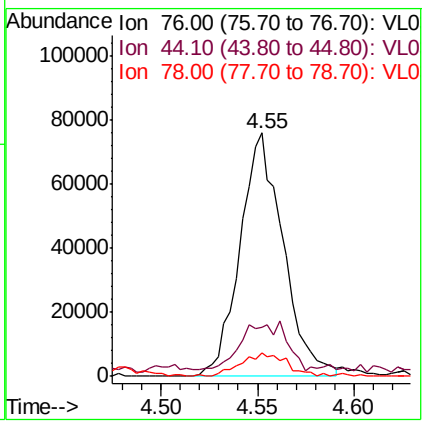


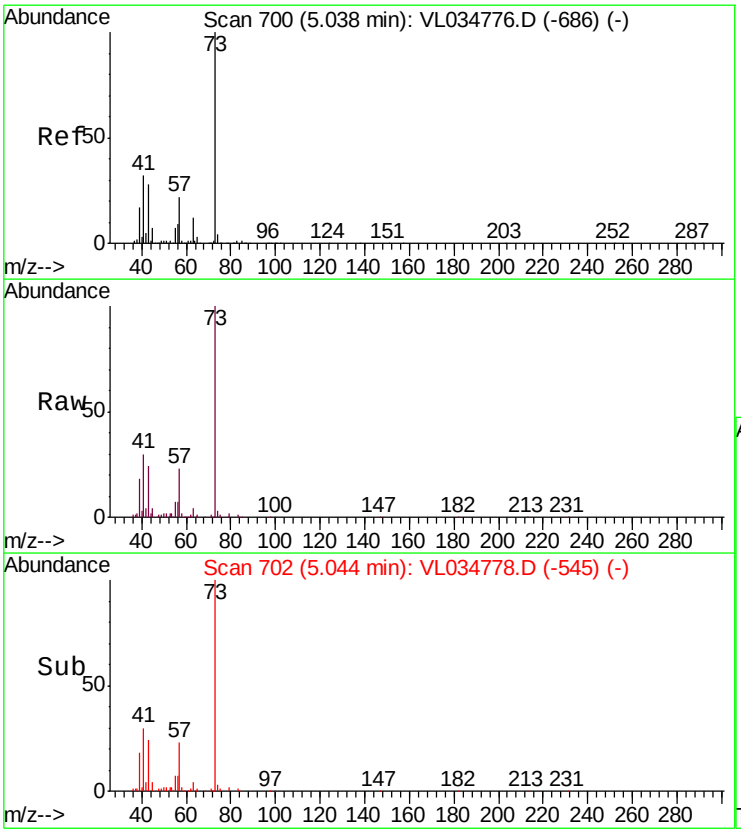
#27
Carbon Disulfide
Concen: 1.009 ppbv
RT: 4.55 min Scan# 549
Delta R.T. 0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 76 Resp: 117867

Ion	Ratio	Lower	Upper
76	100		
44	25.9	16.1	24.1#
78	10.6	7.5	11.3

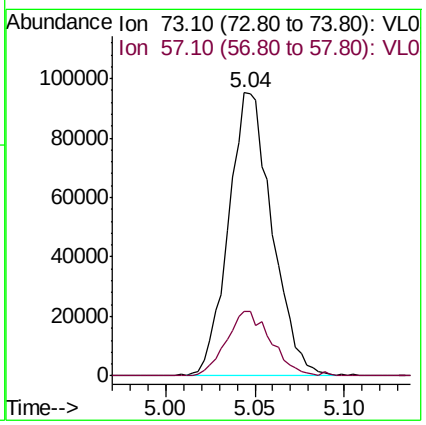


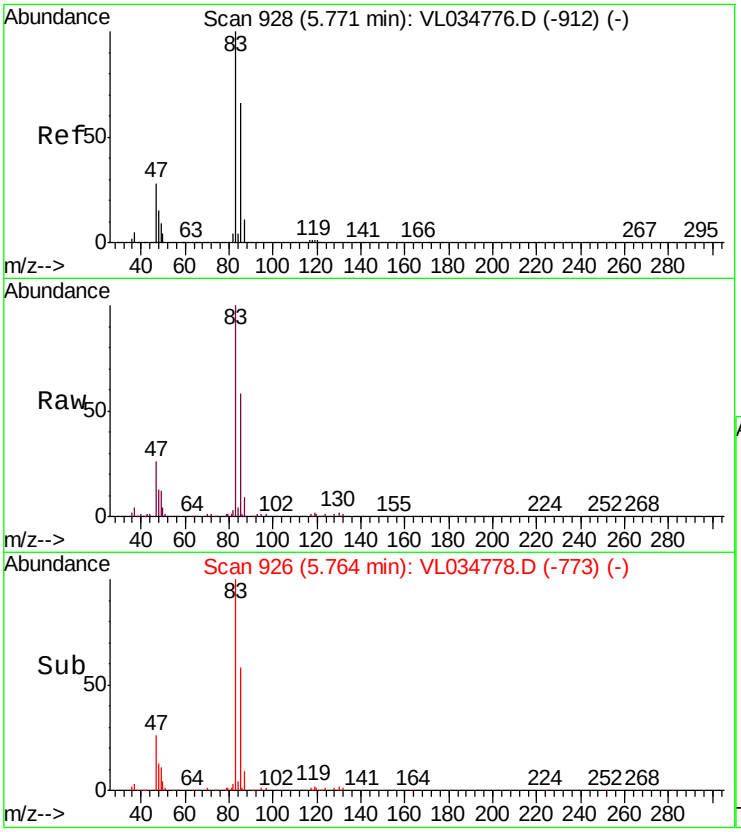


#28
Methyl tert-Butyl Ether
Concen: 1.093 ppbv
RT: 5.04 min Scan# 702
Delta R.T. 0.01 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Tgt Ion: 73 Resp: 162010

Ion	Ratio	Lower	Upper
73	100		
57	23.6	18.5	27.7



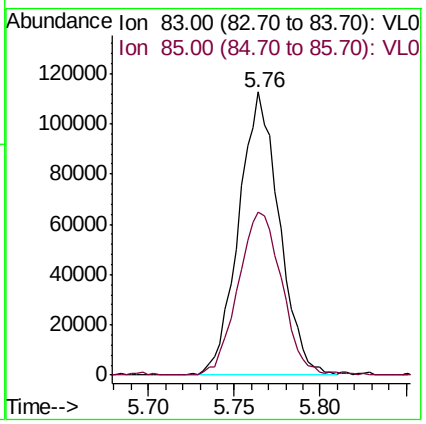


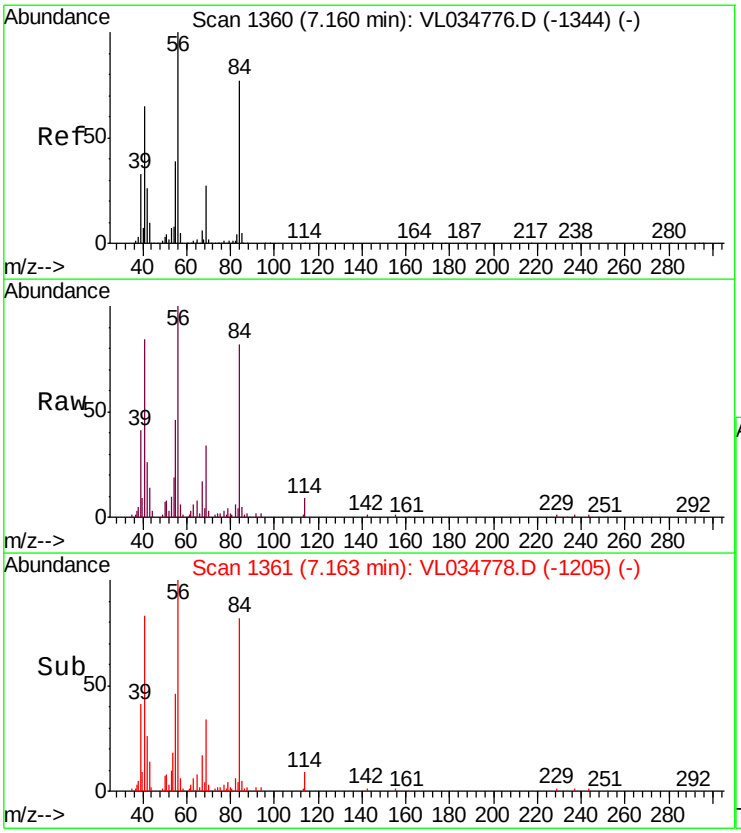
#29
Chloroform
Concen: 1.108 ppbv
RT: 5.76 min Scan# 926
Delta R.T. -0.01 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 183687

Ion	Ratio	Lower	Upper
83	100		
85	57.5	53.0	79.4

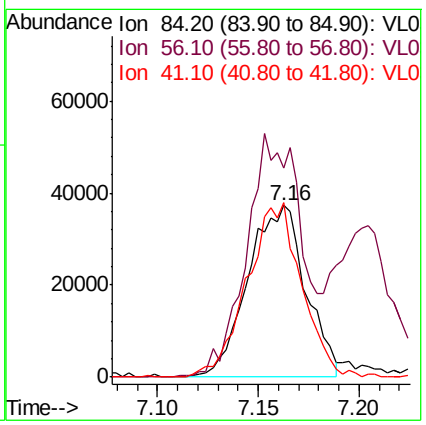


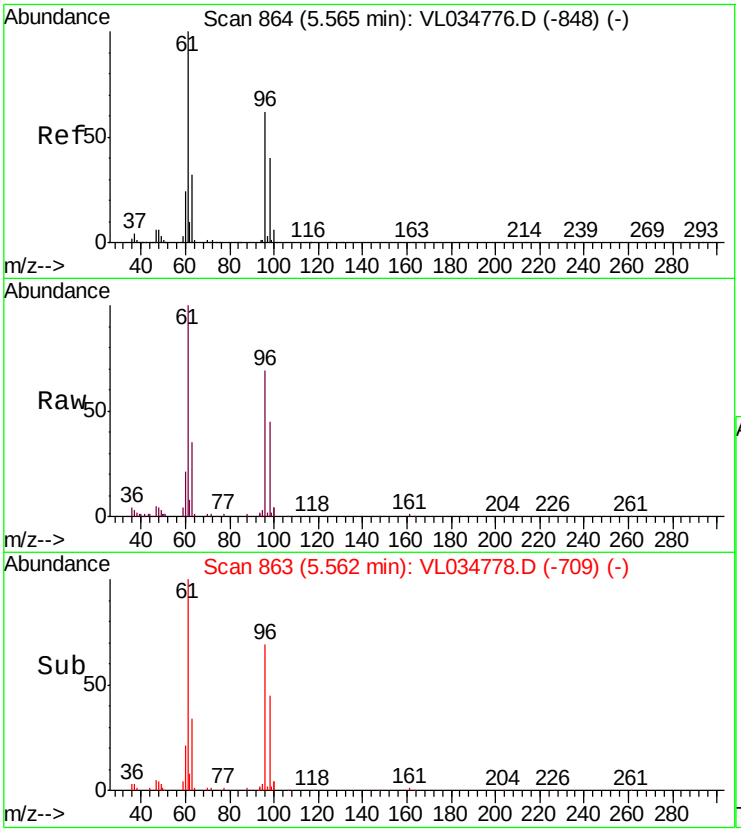


#30
Cyclohexane
Concen: 0.922 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. 0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Tgt Ion: 84 Resp: 74355

Ion	Ratio	Lower	Upper
84	100		
56	142.6	113.2	169.8
41	96.6	70.2	105.4



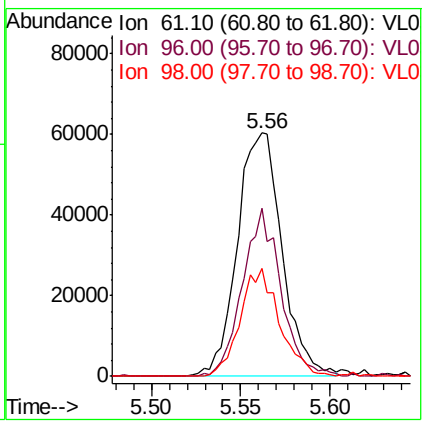


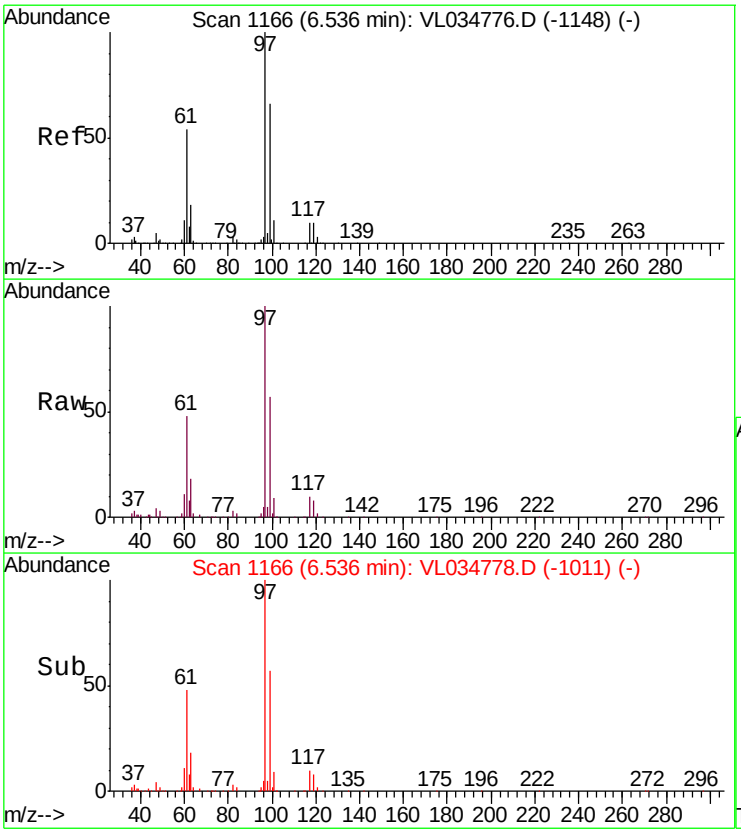
#31
cis-1,2-Dichloroethene
Concen: 1.031 ppbv
RT: 5.56 min Scan# 863
Delta R.T. -0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 61 Resp: 105507

Ion	Ratio	Lower	Upper
61	100		
96	68.5	49.7	74.5
98	44.5	31.9	47.9

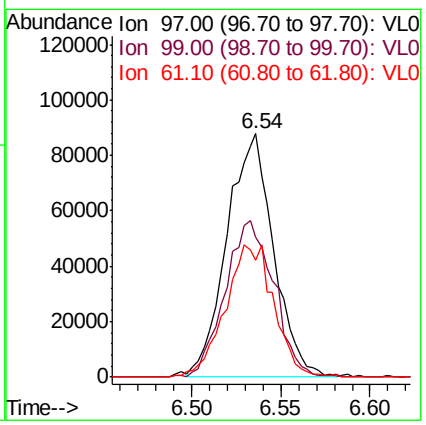


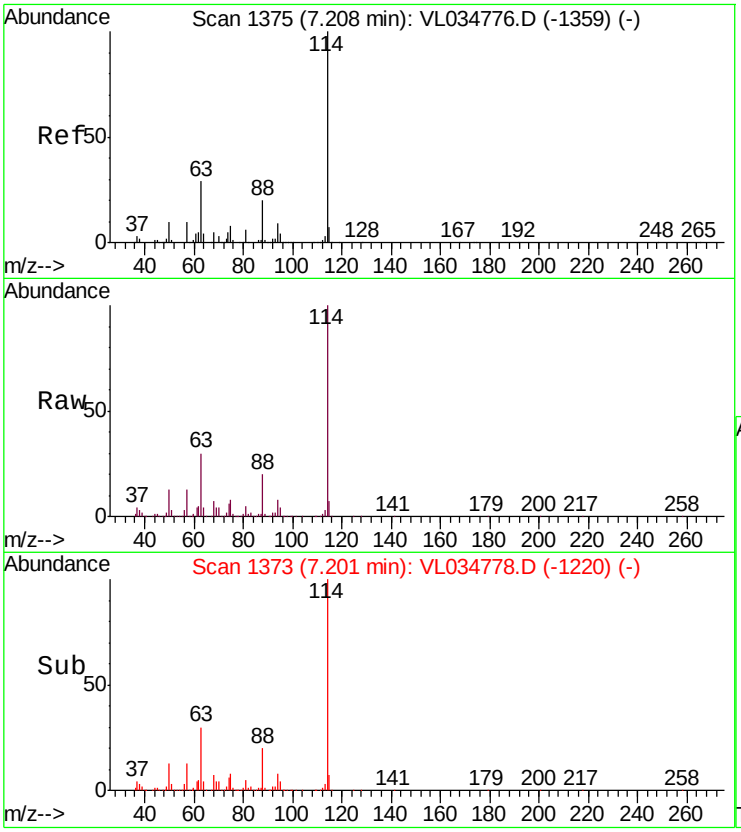


#32
1,1,1-Trichloroethane
Concen: 1.023 ppbv
RT: 6.54 min Scan# 1166
Delta R.T. -0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Tgt Ion: 97 Resp: 158926

Ion	Ratio	Lower	Upper
97	100		
99	67.8	51.7	77.5
61	57.1	43.4	65.0



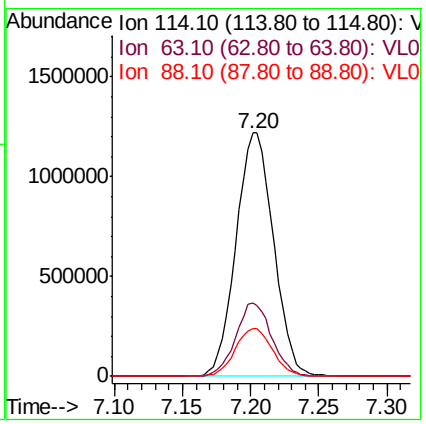


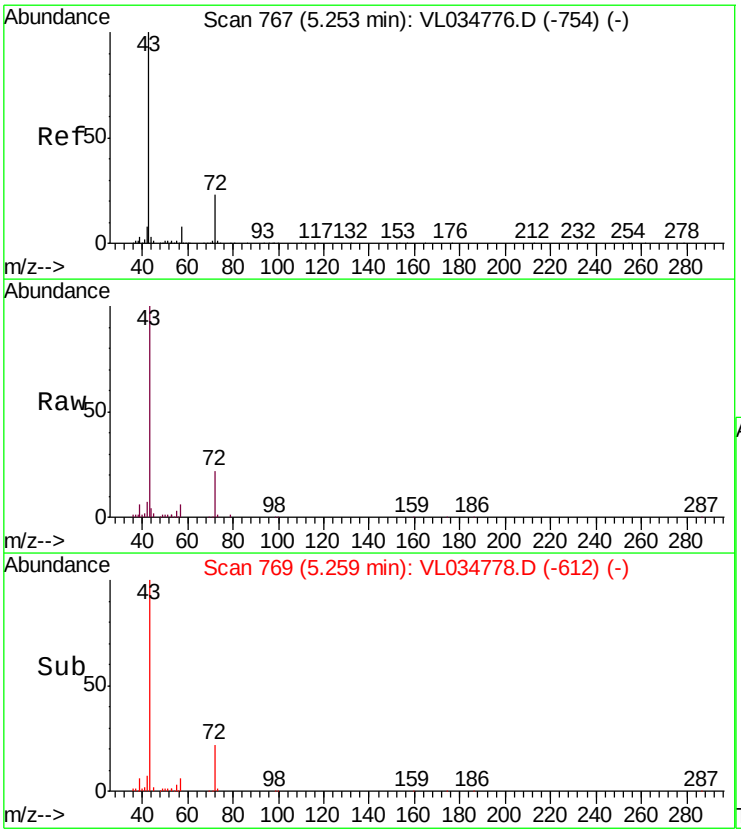
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1373
Delta R.T. -0.01 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:114 Resp: 2329350

Ion	Ratio	Lower	Upper
114	100		
63	29.1	23.6	35.4
88	19.6	15.8	23.8

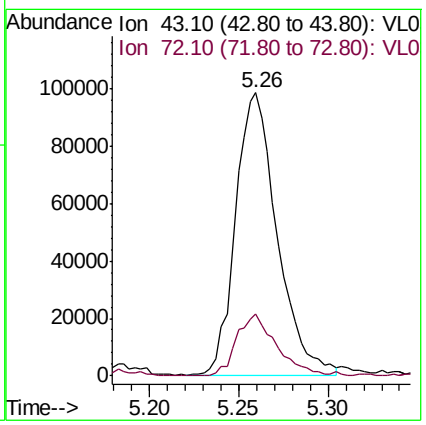


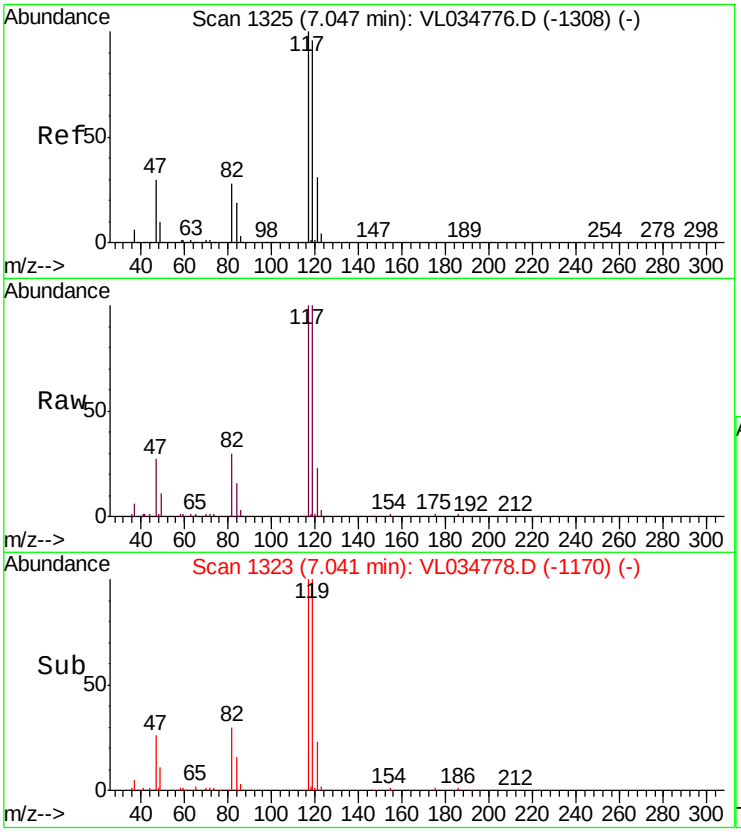


#34
2-Butanone
Concen: 1.096 ppbv
RT: 5.26 min Scan# 769
Delta R.T. 0.01 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Tgt Ion: 43 Resp: 161186

Ion	Ratio	Lower	Upper
43	100		
72	21.3	17.5	26.3



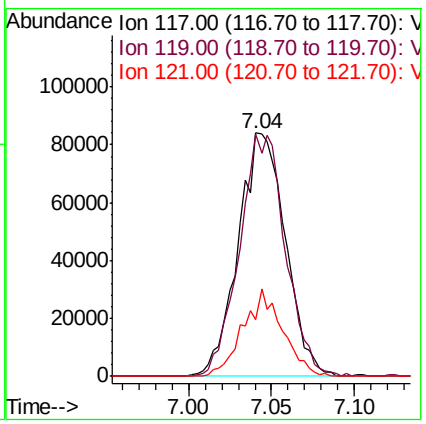


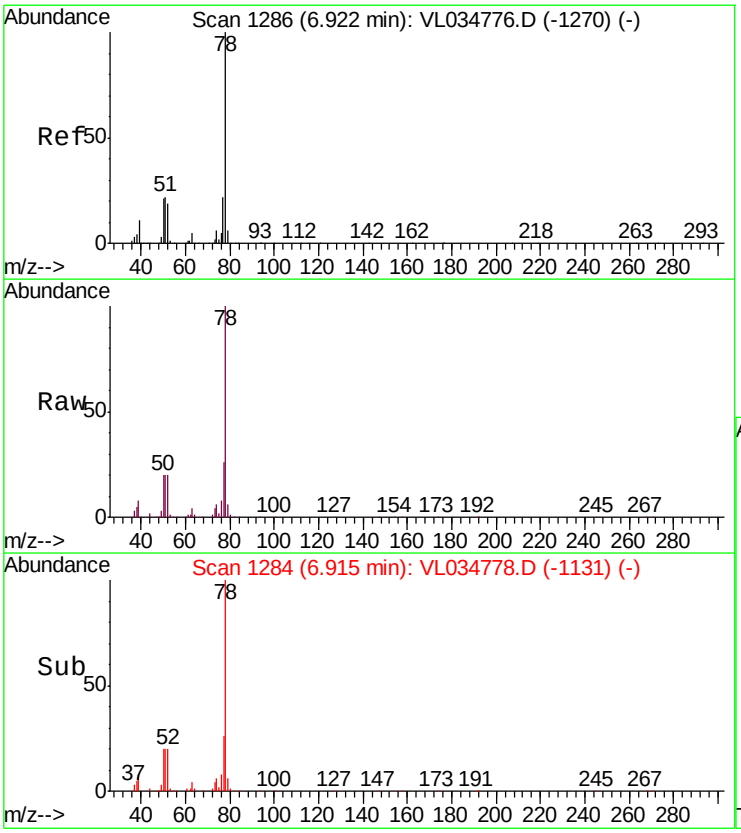
#35
Carbon Tetrachloride
Concen: 1.066 ppbv
RT: 7.04 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion:117 Resp: 166490

Ion	Ratio	Lower	Upper
117	100		
119	99.5	76.8	115.2
121	23.1	24.6	37.0#

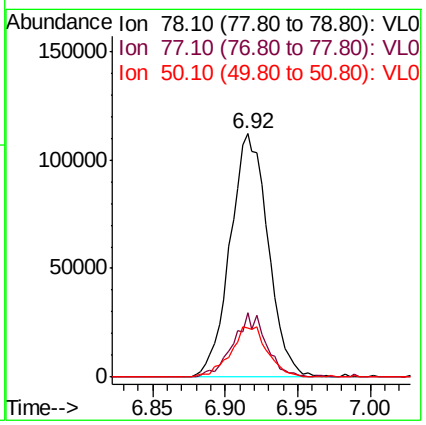


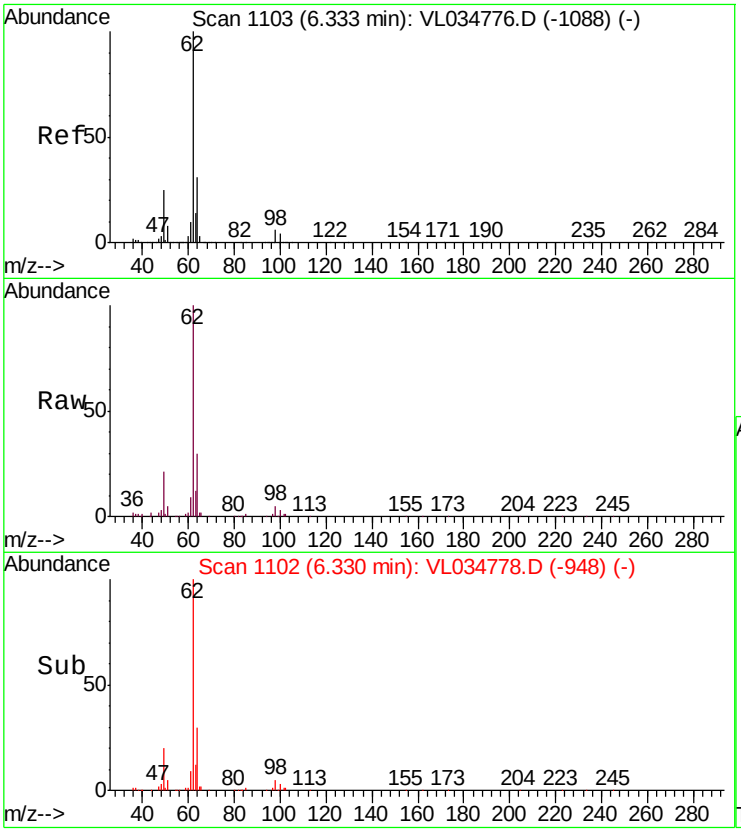


#36
Benzene
Concen: 1.011 ppbv
RT: 6.92 min Scan# 1284
Delta R.T. -0.01 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Tgt Ion: 78 Resp: 203002

Ion	Ratio	Lower	Upper
78	100		
77	26.5	18.0	27.0
50	20.0	16.9	25.3



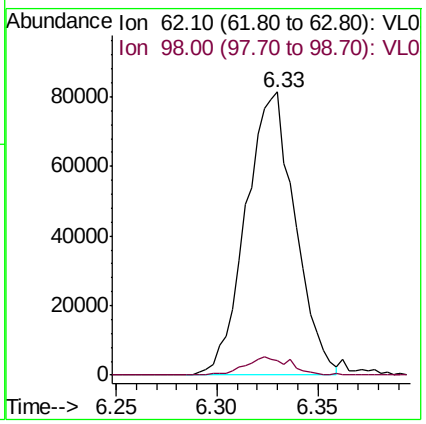


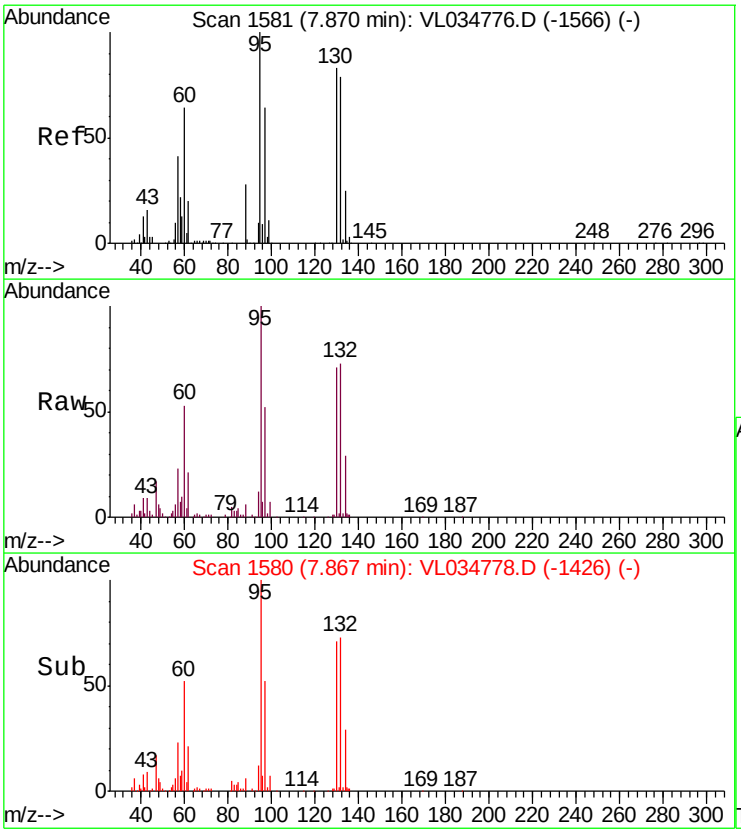
#37
1,2-Dichloroethane
Concen: 1.087 ppbv
RT: 6.33 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 62 Resp: 138806

Ion	Ratio	Lower	Upper
62	100		
98	6.0	4.4	6.6

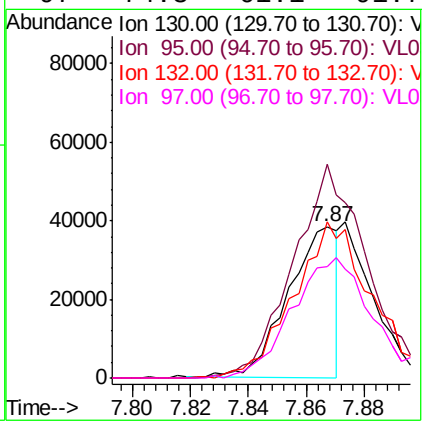


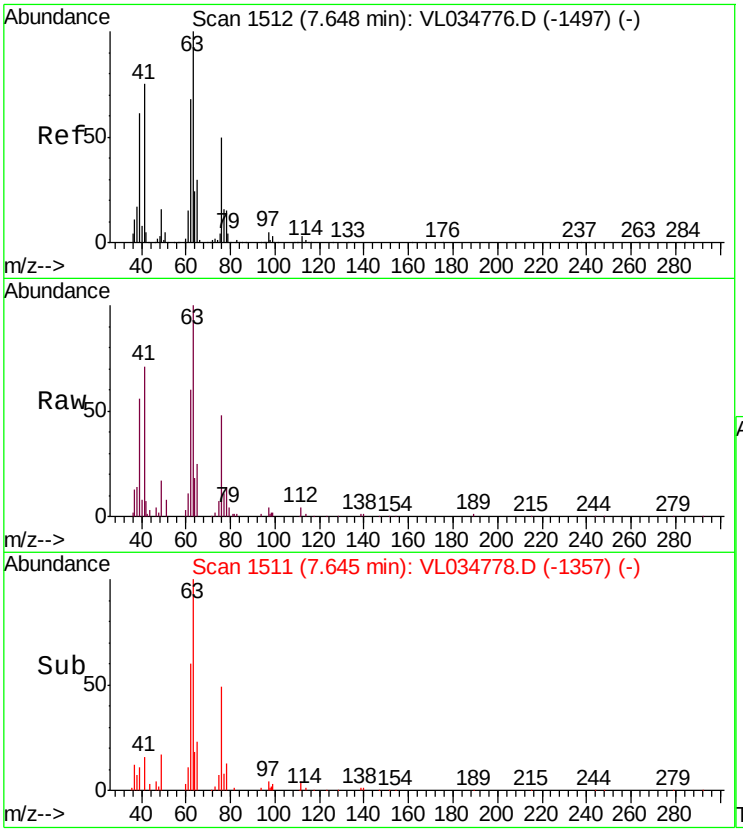


#38
Trichloroethene
Concen: 0.590 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. -0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Tgt Ion:130 Resp: 45756

Ion	Ratio	Lower	Upper
130	100		
95	141.9	95.8	143.8
132	104.1	76.1	114.1
97	74.3	61.1	91.7



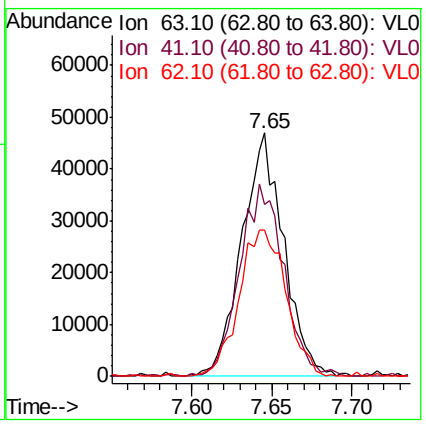


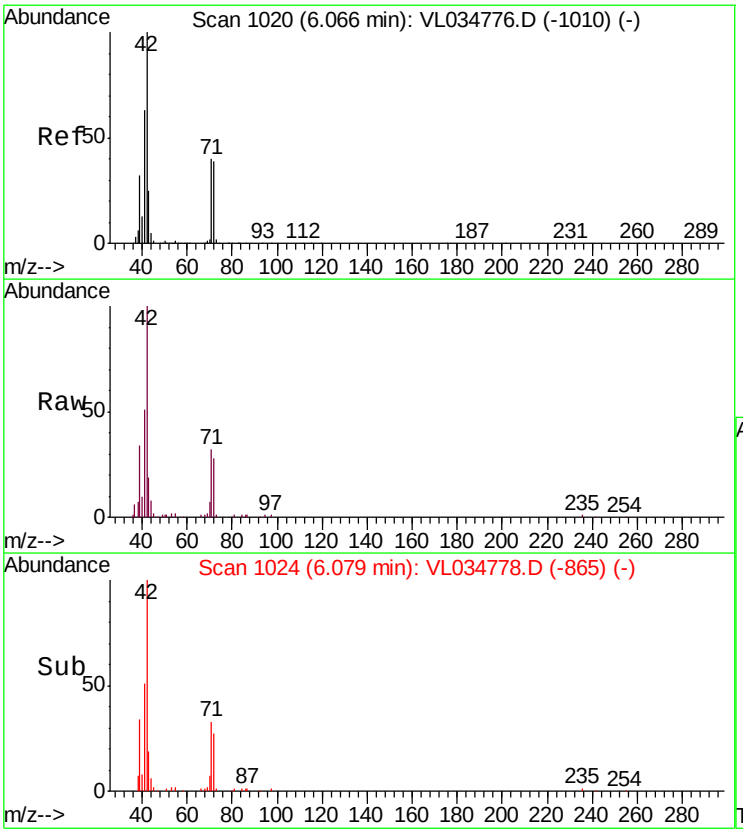
#39
1,2-Dichloropropane
Concen: 1.057 ppbv
RT: 7.65 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 63 Resp: 84192

Ion	Ratio	Lower	Upper
63	100		
41	70.9	60.3	90.5
62	59.9	54.5	81.7

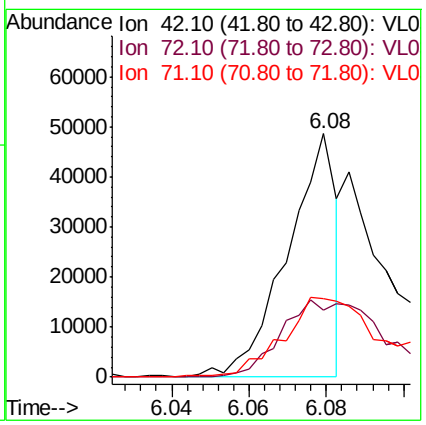


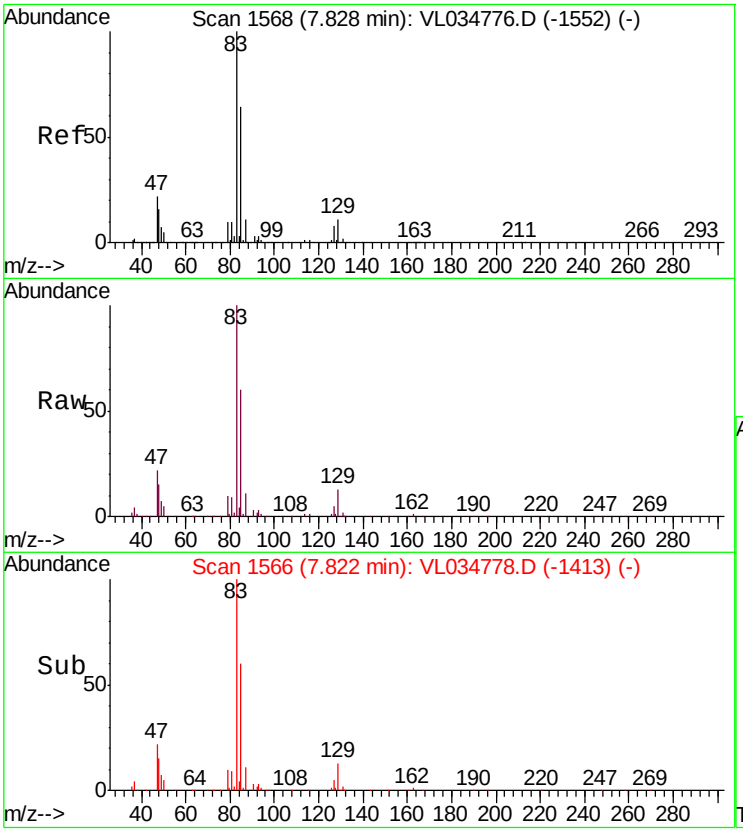


#41
Tetrahydrofuran
Concen: 0.556 ppbv
RT: 6.08 min Scan# 1024
Delta R.T. 0.01 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Tgt Ion: 42 Resp: 42831

Ion	Ratio	Lower	Upper
42	100		
72	70.4	32.0	48.0#
71	68.8	31.3	46.9#



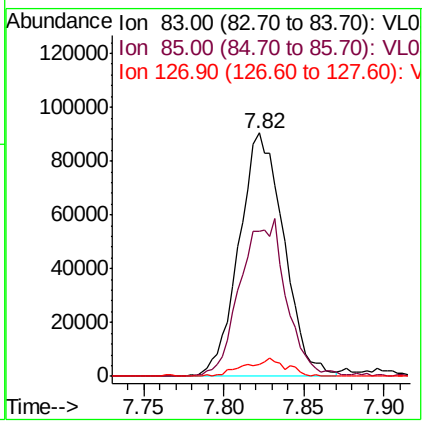


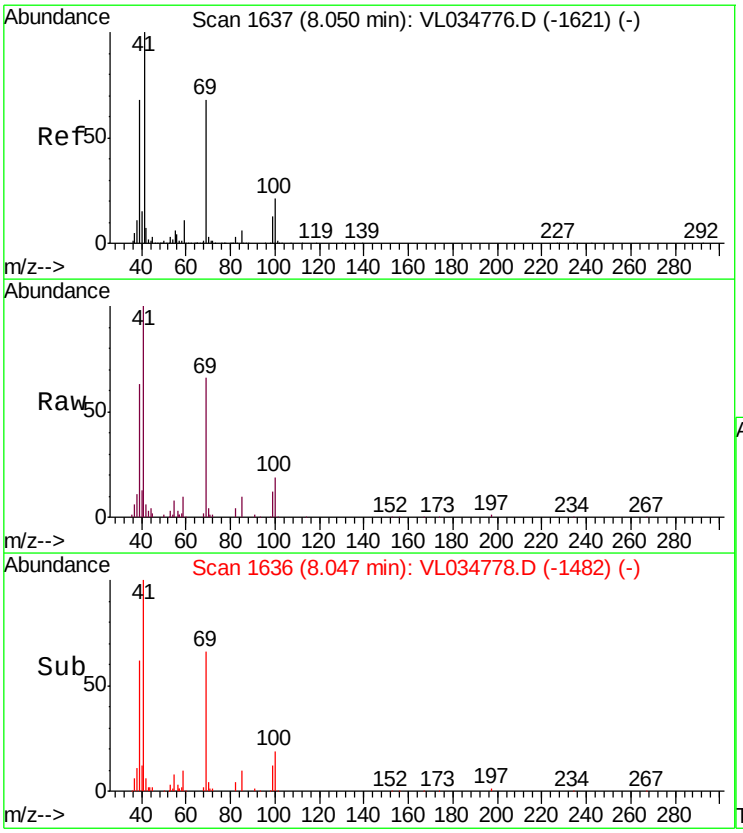
#42
Bromodichloromethane
Concen: 1.035 ppbv
RT: 7.82 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 172913

Ion	Ratio	Lower	Upper
83	100		
85	59.8	50.8	76.2
127	4.7	6.5	9.7#

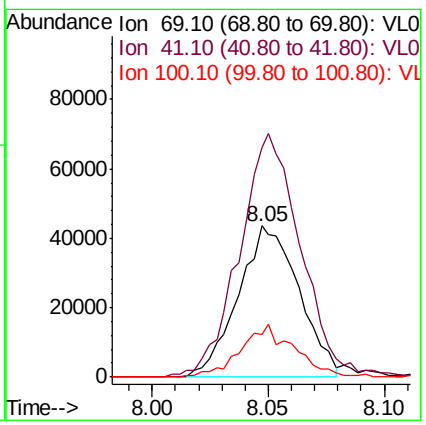


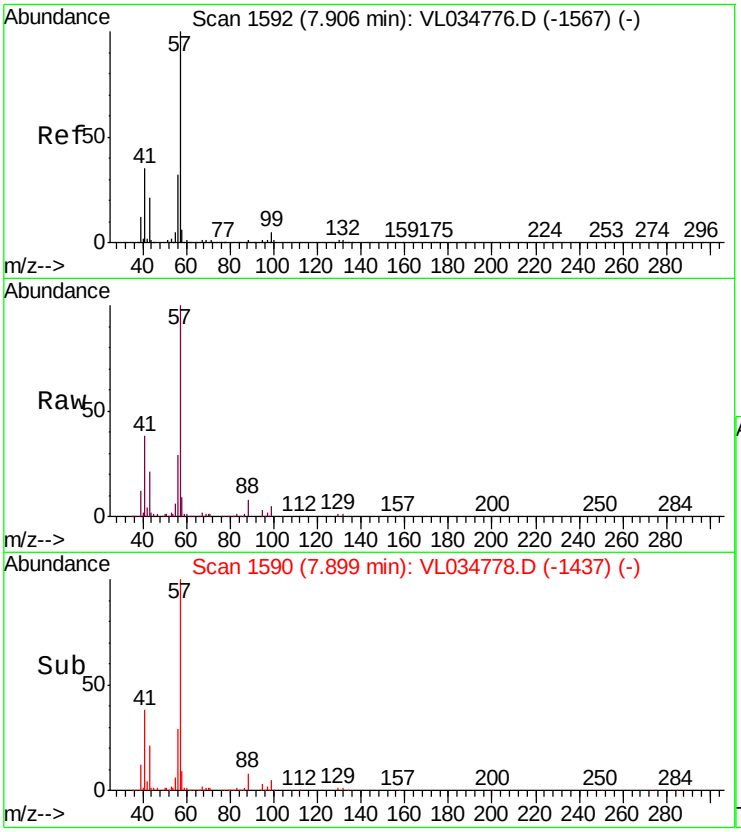


#43
Methyl Methacrylate
Concen: 0.942 ppbv
RT: 8.05 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Tgt Ion: 69 Resp: 79504

Ion	Ratio	Lower	Upper
69	100		
41	162.8	121.6	182.4
100	31.0	23.8	35.8



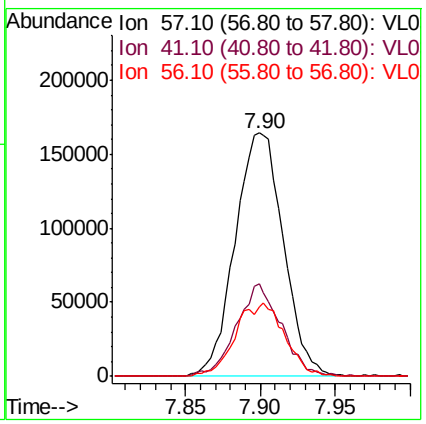


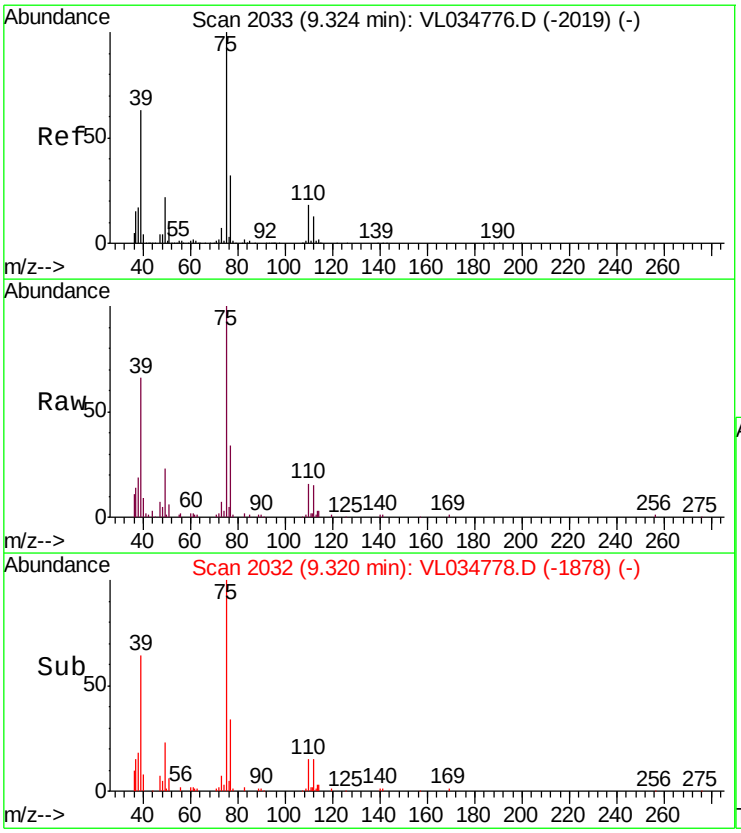
#44
2,2,4-Trimethylpentane
Concen: 1.045 ppbv
RT: 7.90 min Scan# 1590
Delta R.T. -0.01 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 57 Resp: 366594

Ion	Ratio	Lower	Upper
57	100		
41	35.5	27.4	41.0
56	31.0	25.0	37.6

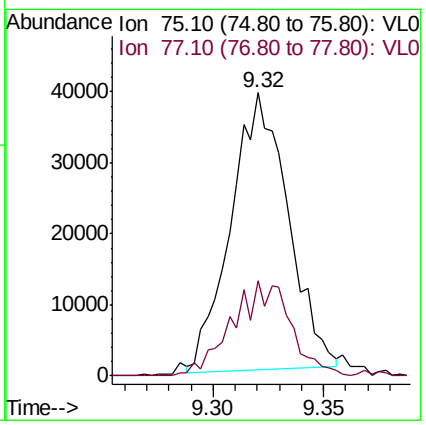


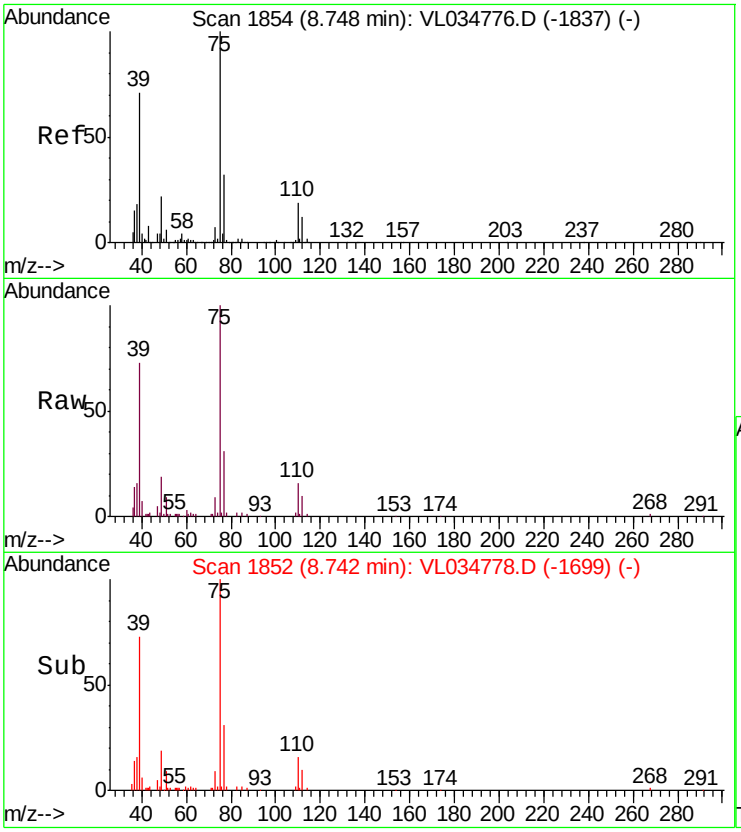


#45
t-1,3-Dichloropropene
Concen: 0.765 ppbv
RT: 9.32 min Scan# 2032
Delta R.T. -0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Tgt Ion: 75 Resp: 70075

Ion	Ratio	Lower	Upper
75	100		
77	34.9	25.6	38.4



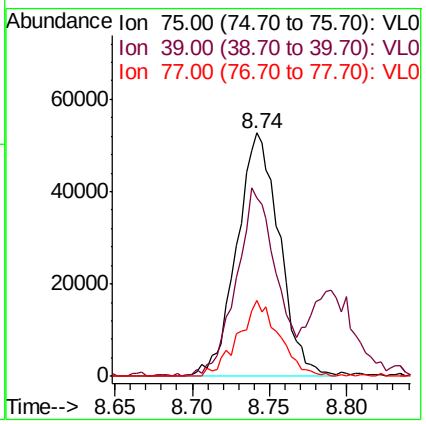


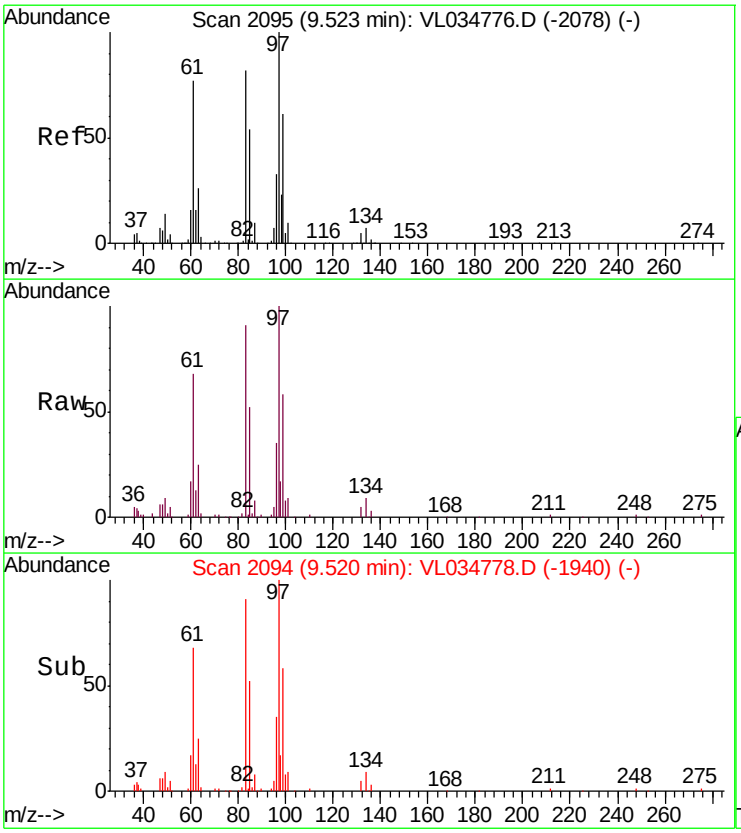
#46
cis-1,3-Dichloropropene
Concen: 0.914 ppbv
RT: 8.74 min Scan# 1852
Delta R.T. -0.01 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 100613

Ion	Ratio	Lower	Upper
75	100		
39	72.5	56.9	85.3
77	31.4	25.7	38.5

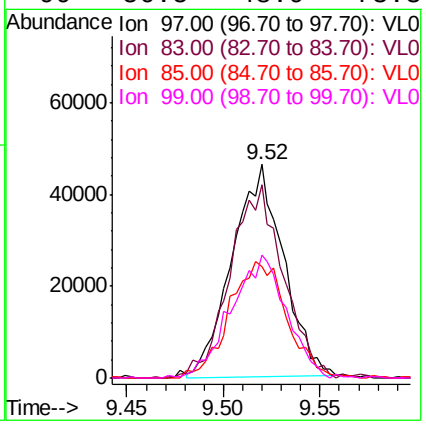


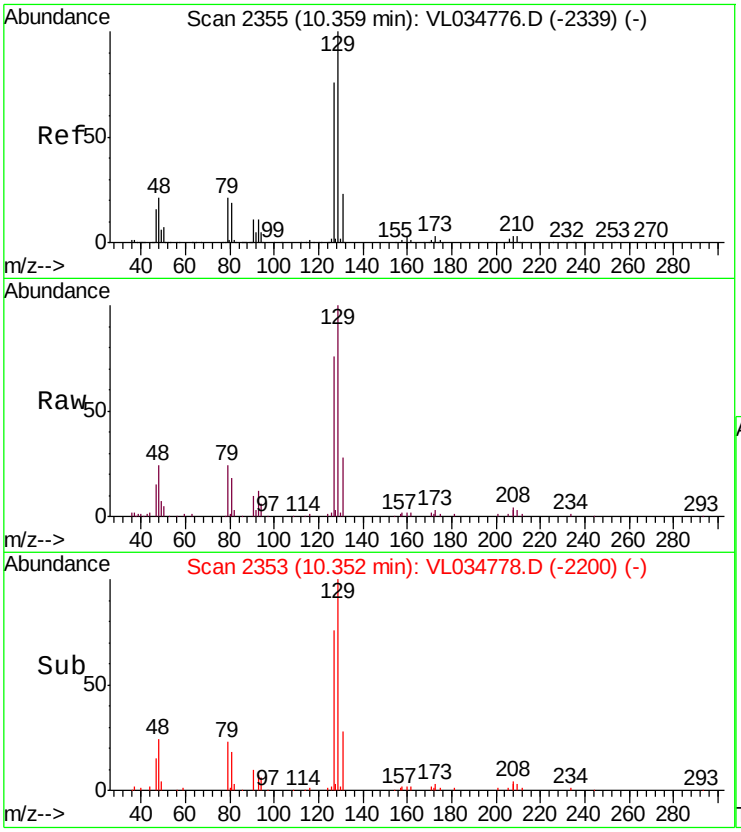


#47
1,1,2-Trichloroethane
Concen: 1.037 ppbv
RT: 9.52 min Scan# 2094
Delta R.T. -0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Tgt Ion: 97 Resp: 85263

Ion	Ratio	Lower	Upper
97	100		
83	91.7	65.2	97.8
85	51.9	43.6	65.4
99	56.5	48.9	73.3



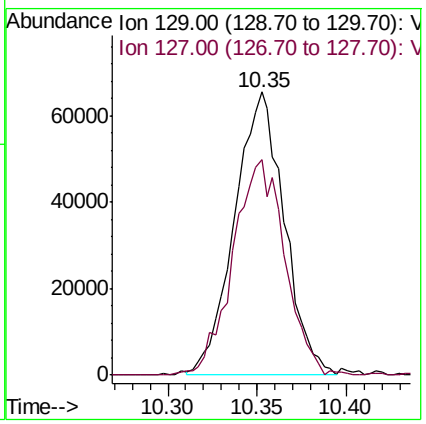


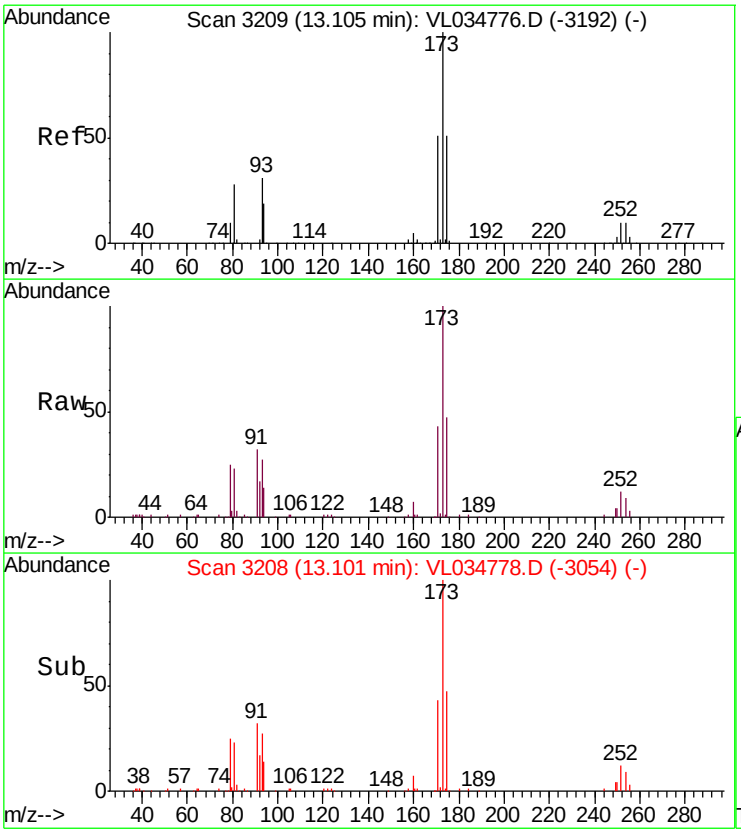
#48
Dibromochloromethane
Concen: 0.995 ppbv
RT: 10.35 min Scan# 2353
Delta R.T. -0.01 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion:129 Resp: 127644

Ion	Ratio	Lower	Upper
129	100		
127	79.4	39.0	117.0

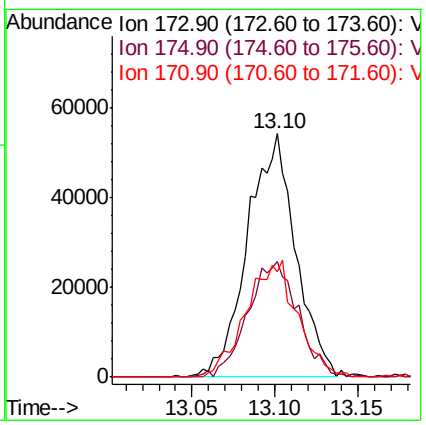


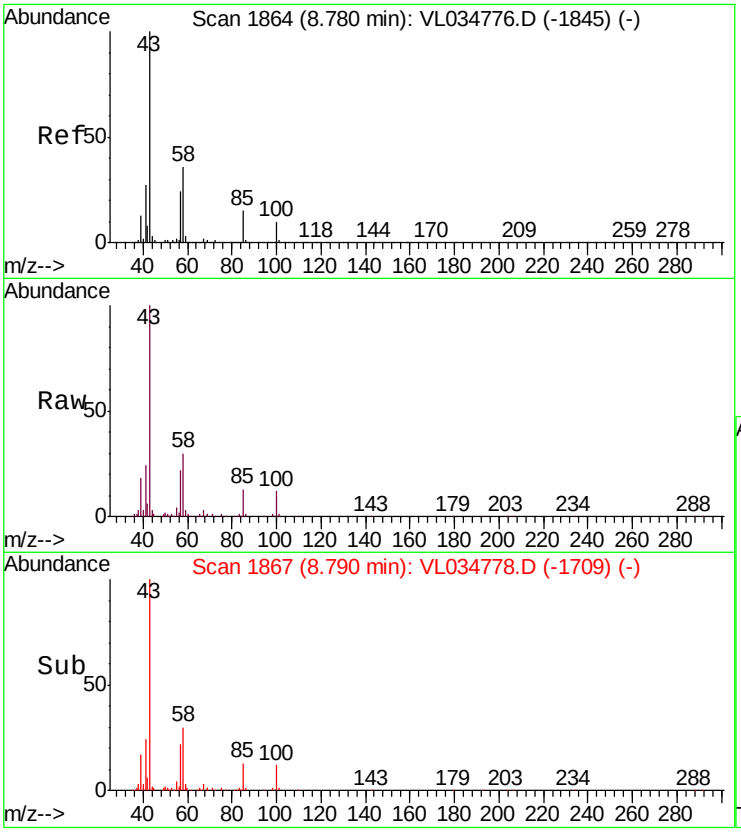


#49
Bromoform
Concen: 0.978 ppbv
RT: 13.10 min Scan# 3208
Delta R.T. -0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Tgt Ion:173 Resp: 109268

Ion	Ratio	Lower	Upper
173	100		
175	49.8	39.8	59.6
171	50.9	41.0	61.4



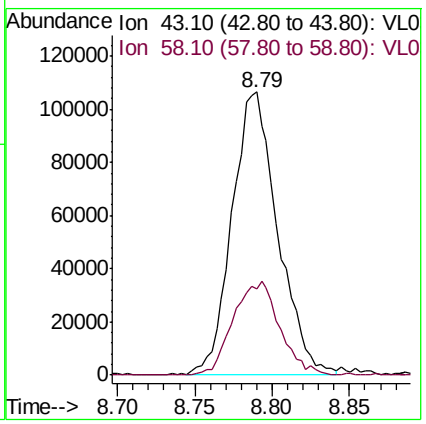


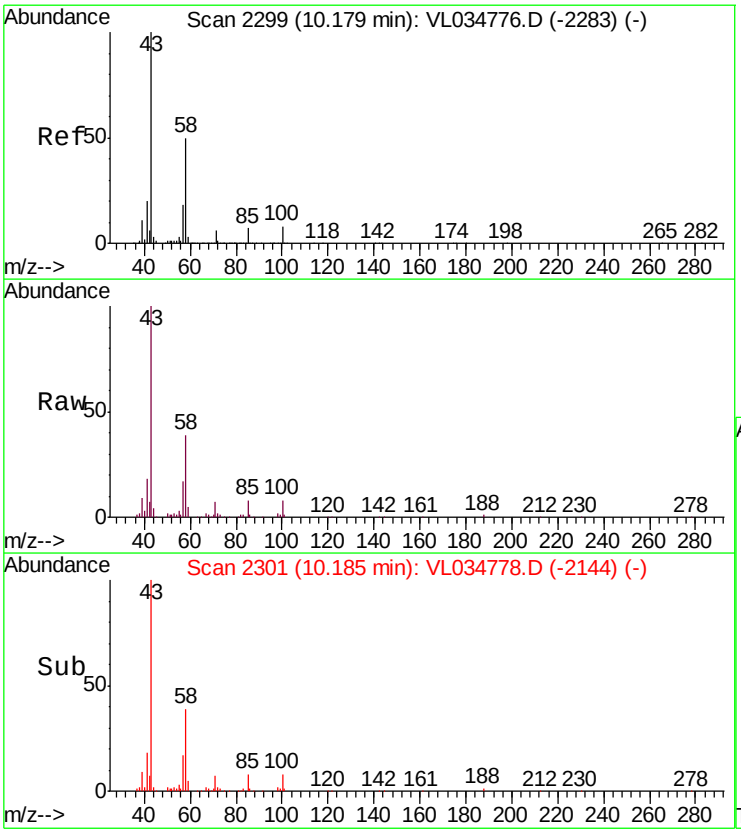
#50
4-Methyl-2-Pentanone
Concen: 1.050 ppbv
RT: 8.79 min Scan# 1867
Delta R.T. 0.01 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 219207

Ion	Ratio	Lower	Upper
43	100		
58	33.9	28.7	43.1

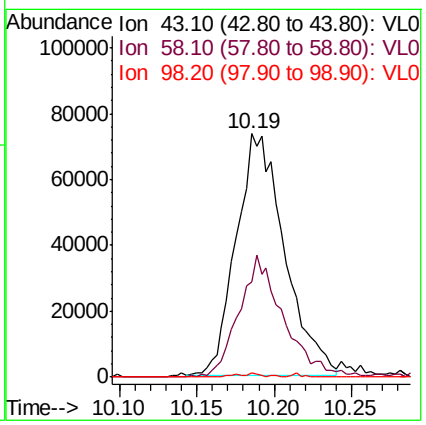


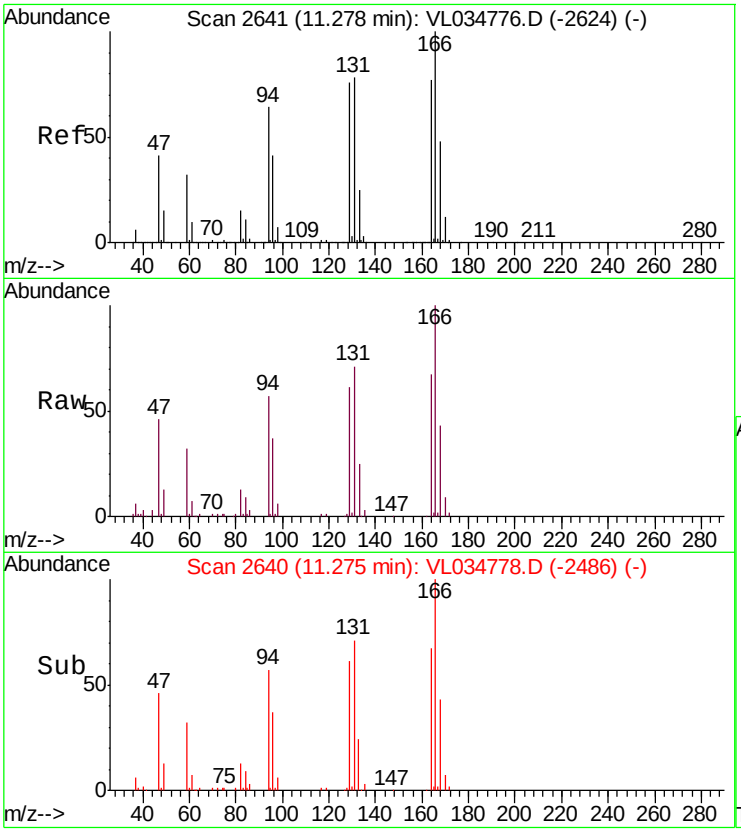


#51
2-Hexanone
Concen: 0.977 ppbv
RT: 10.19 min Scan# 2301
Delta R.T. 0.01 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Tgt Ion: 43 Resp: 160545

Ion	Ratio	Lower	Upper
43	100		
58	46.1	38.6	58.0
98	0.7	0.2	0.4#



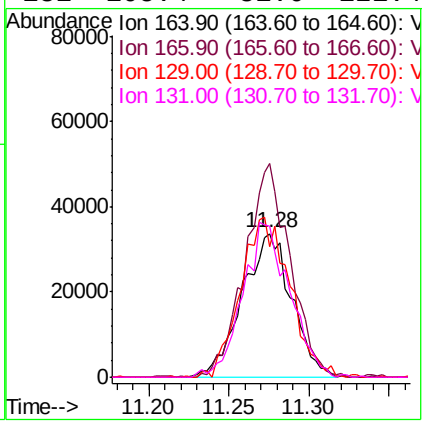


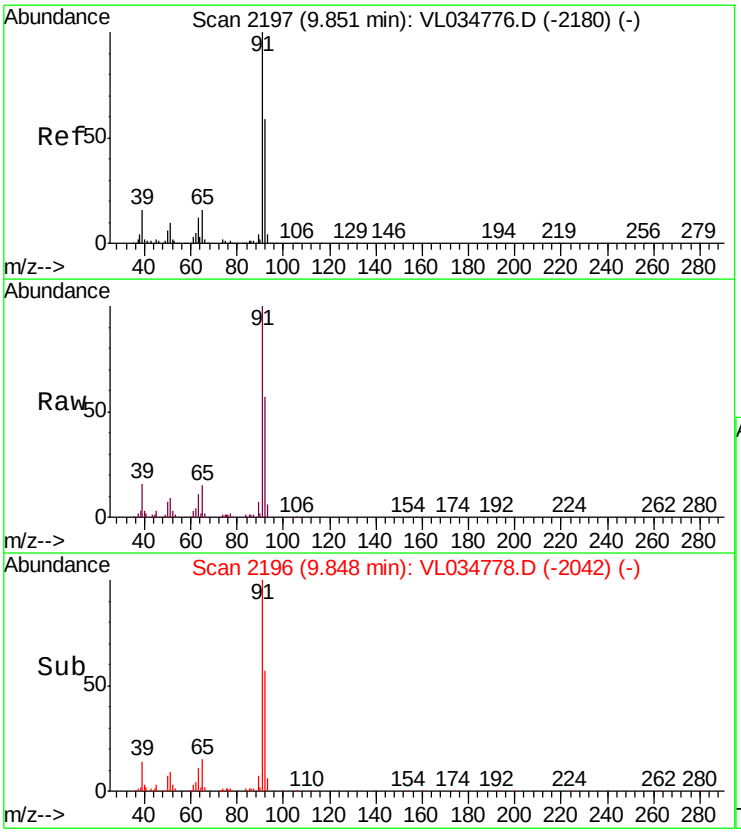
#52
Tetrachloroethene
Concen: 0.968 ppbv
RT: 11.28 min Scan# 2640
Delta R.T. -0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:164 Resp: 71600

Ion	Ratio	Lower	Upper
164	100		
166	149.0	103.3	154.9
129	90.5	79.0	118.4
131	105.4	81.0	121.4

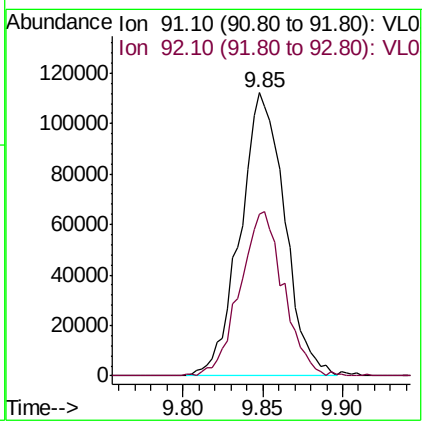


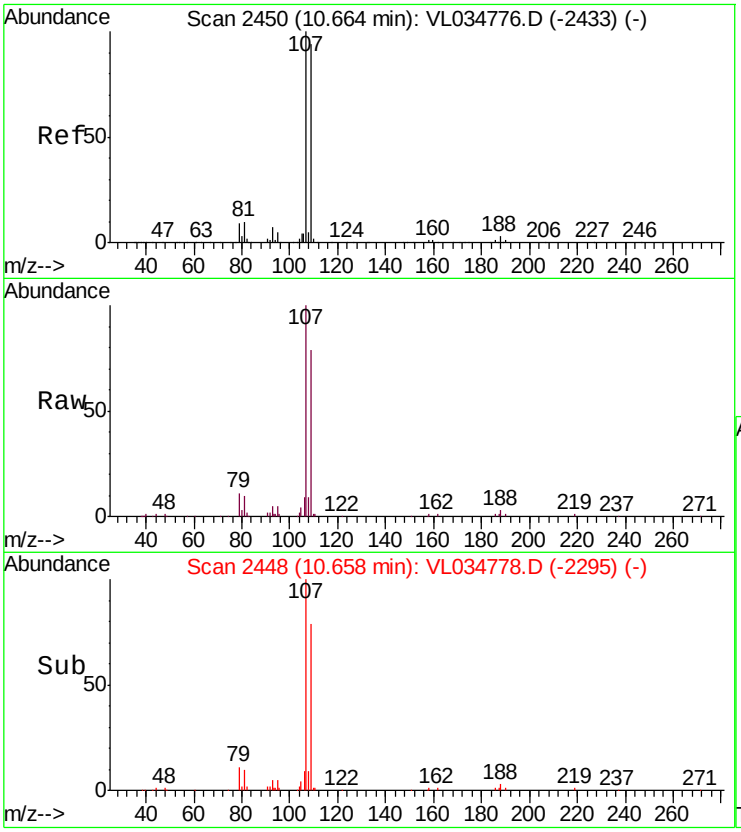


#53
Toluene
Concen: 0.997 ppbv
RT: 9.85 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Tgt Ion: 91 Resp: 213062

Ion	Ratio	Lower	Upper
91	100		
92	57.2	48.2	72.2



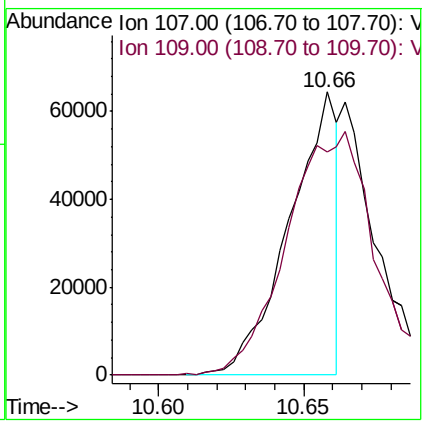


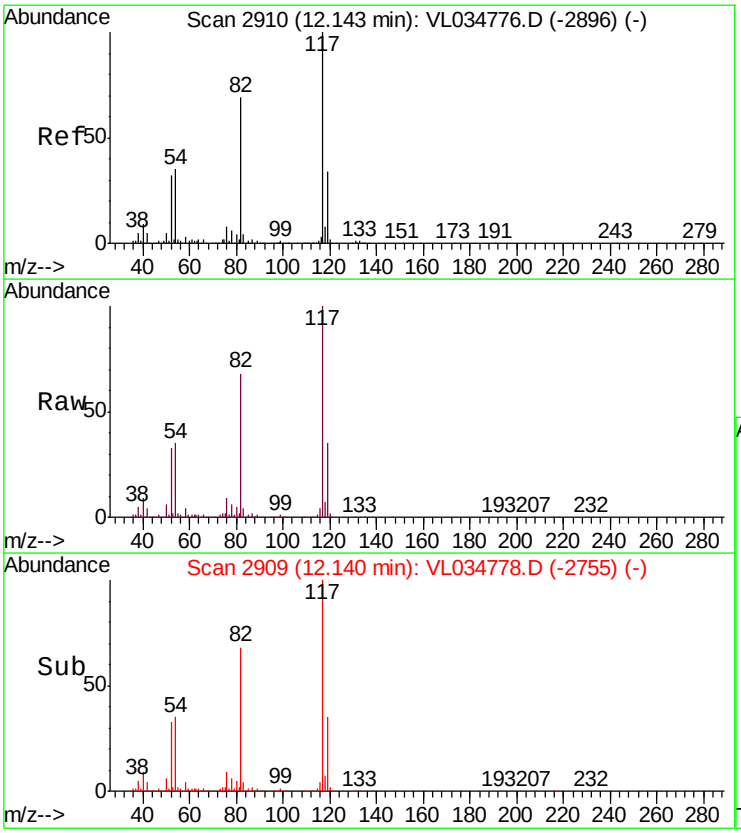
#54
1,2-Dibromoethane
Concen: 0.604 ppbv
RT: 10.66 min Scan# 2448
Delta R.T. -0.01 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:107 Resp: 74156

Ion	Ratio	Lower	Upper
107	100		
109	78.0	75.0	112.6

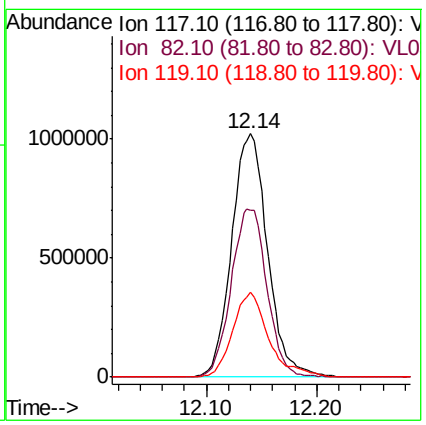


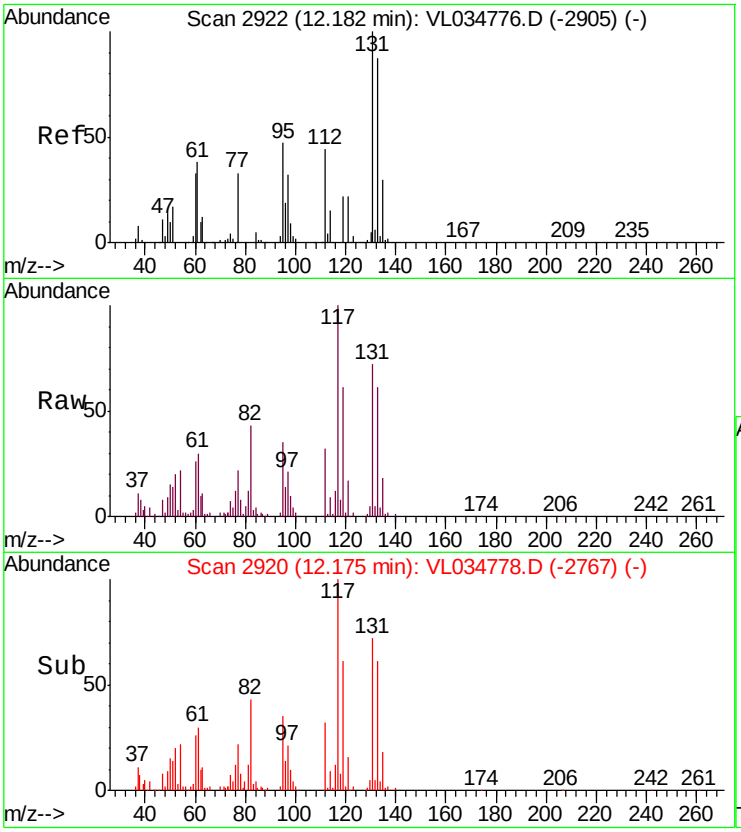


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.14 min Scan# 2909
Delta R.T. -0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Tgt Ion:117 Resp: 2306286

Ion	Ratio	Lower	Upper
117	100		
82	68.7	53.9	80.9
119	34.8	25.0	37.4



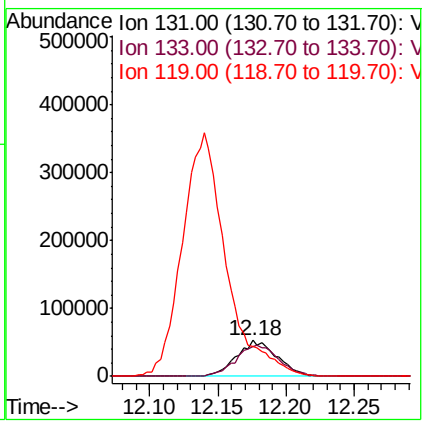


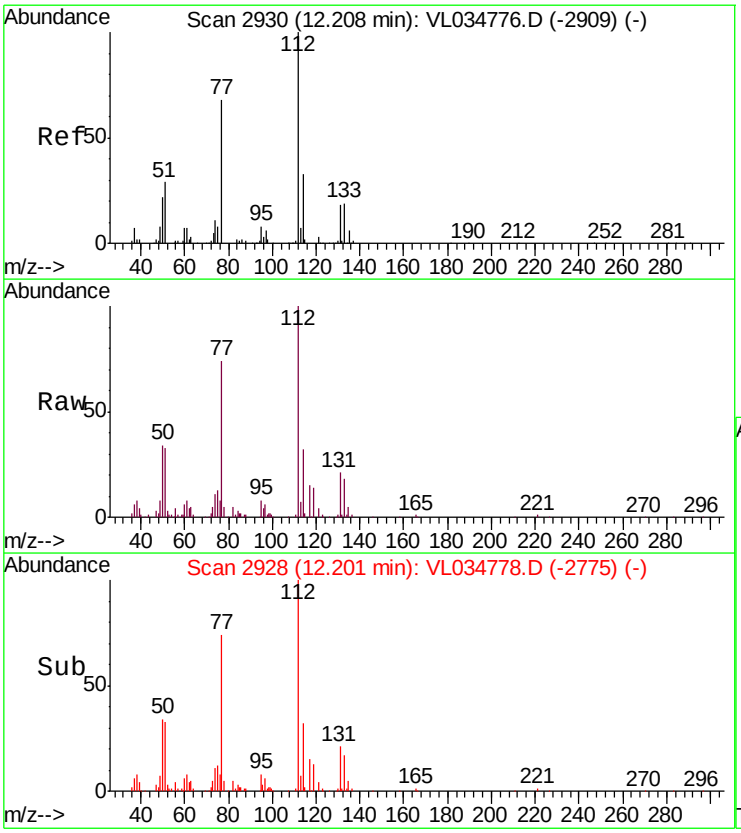
#56
1,1,1,2-Tetrachloroethane
Concen: 1.106 ppbv
RT: 12.18 min Scan# 2920
Delta R.T. -0.01 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:131 Resp: 109729

Ion	Ratio	Lower	Upper
131	100		
133	91.7	75.4	113.0
119	731.7	110.5	165.7#

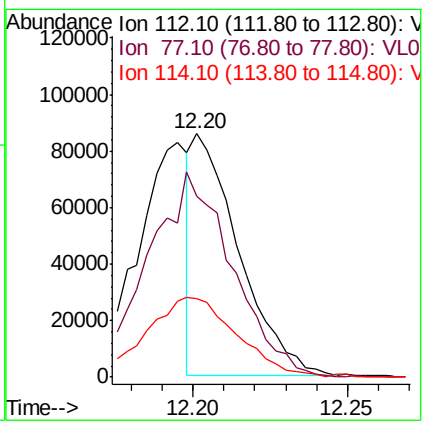


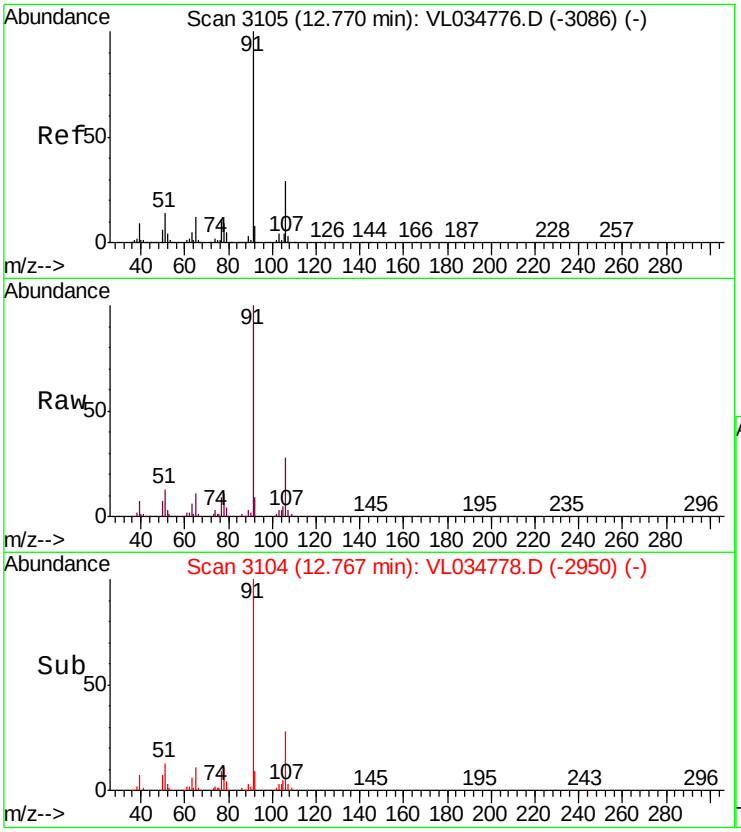


#57
Chlorobenzene
Concen: 0.518 ppbv
RT: 12.20 min Scan# 2928
Delta R.T. -0.01 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Tgt Ion:112 Resp: 88502

Ion	Ratio	Lower	Upper
112	100		
77	74.2	55.6	83.4
114	31.4	29.4	36.0



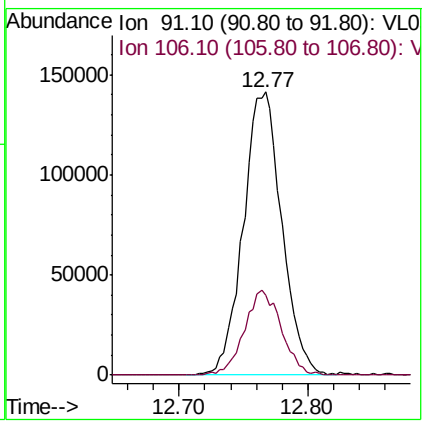


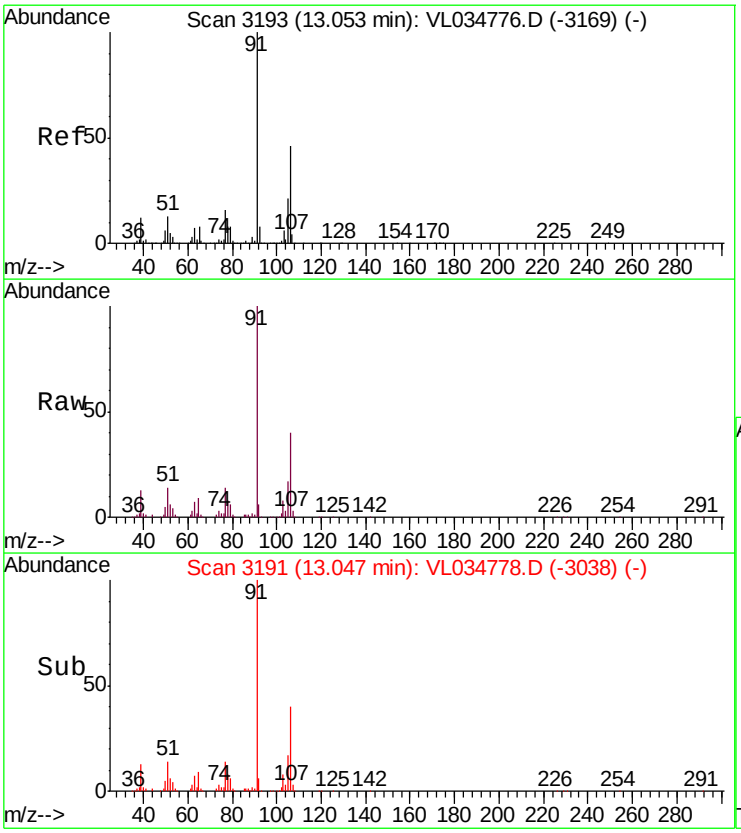
#58
Ethyl Benzene
Concen: 1.048 ppbv
RT: 12.77 min Scan# 3104
Delta R.T. -0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 294016

Ion	Ratio	Lower	Upper
91	100		
106	28.4	22.8	34.2

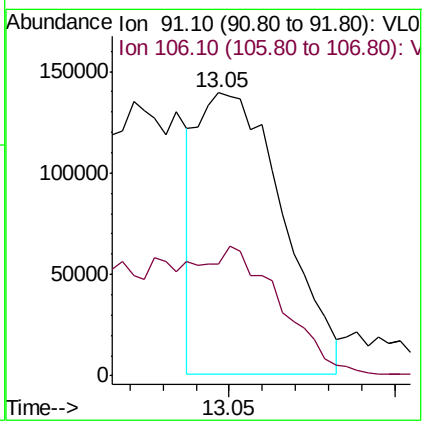


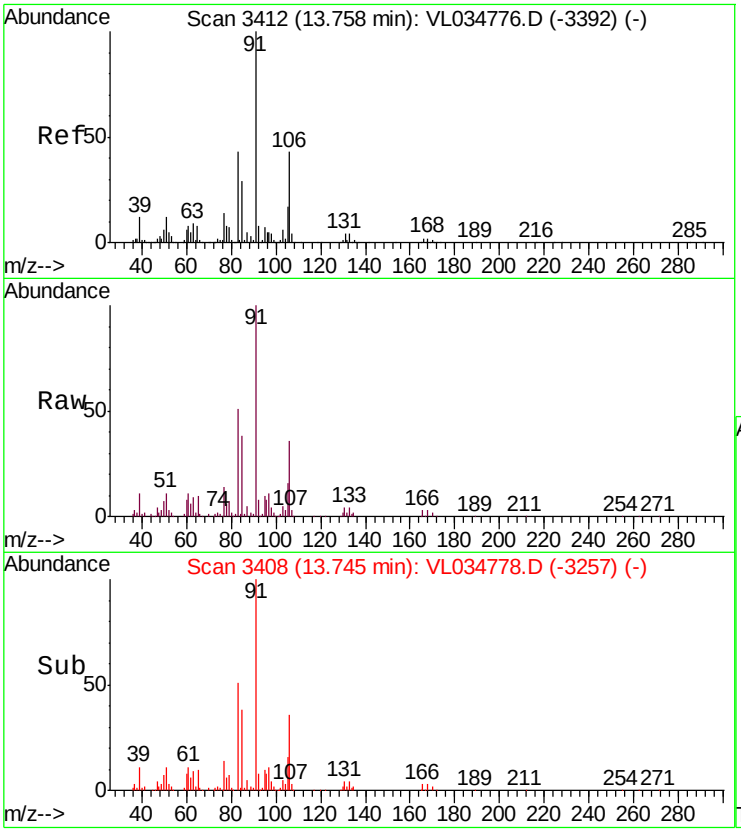


#59
m/p-Xylene
Concen: 1.014 ppbv
RT: 13.05 min Scan# 3191
Delta R.T. -0.01 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Tgt Ion: 91 Resp: 246799

Ion	Ratio	Lower	Upper
91	100		
106	90.6	35.8	53.8#



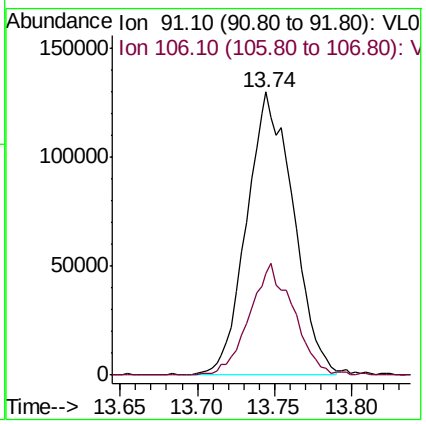


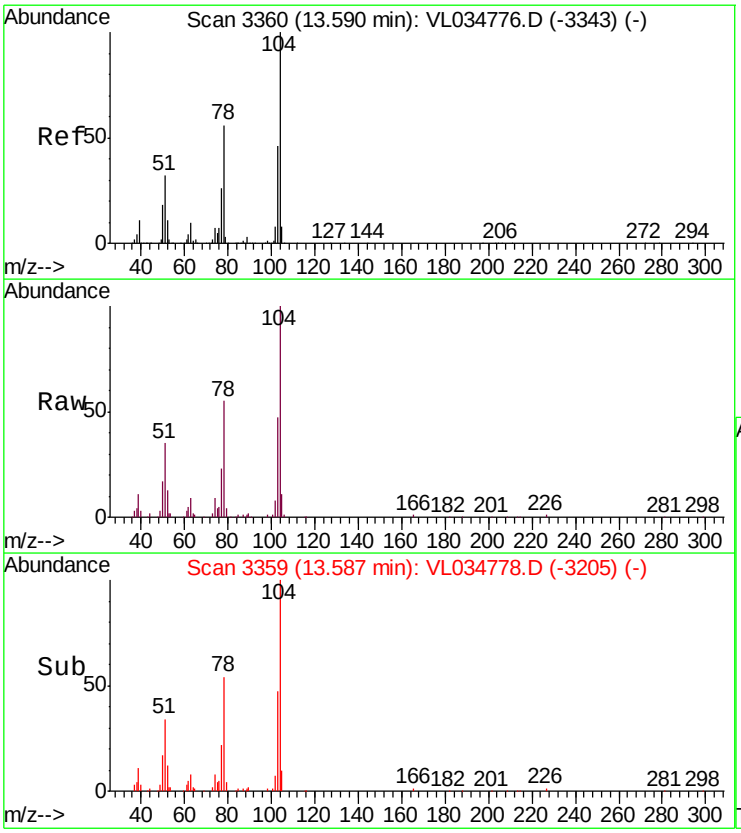
#60
o-Xylene
Concen: 1.126 ppbv
RT: 13.74 min Scan# 3408
Delta R.T. -0.01 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 273095

Ion	Ratio	Lower	Upper
91	100		
106	37.4	21.7	65.1

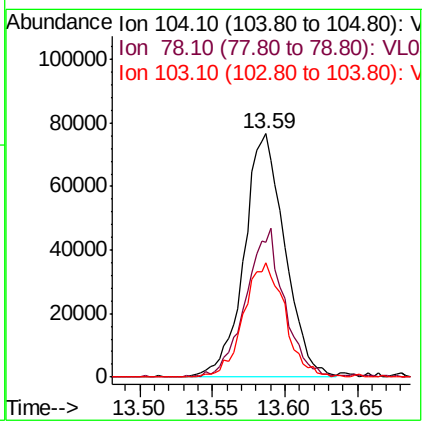


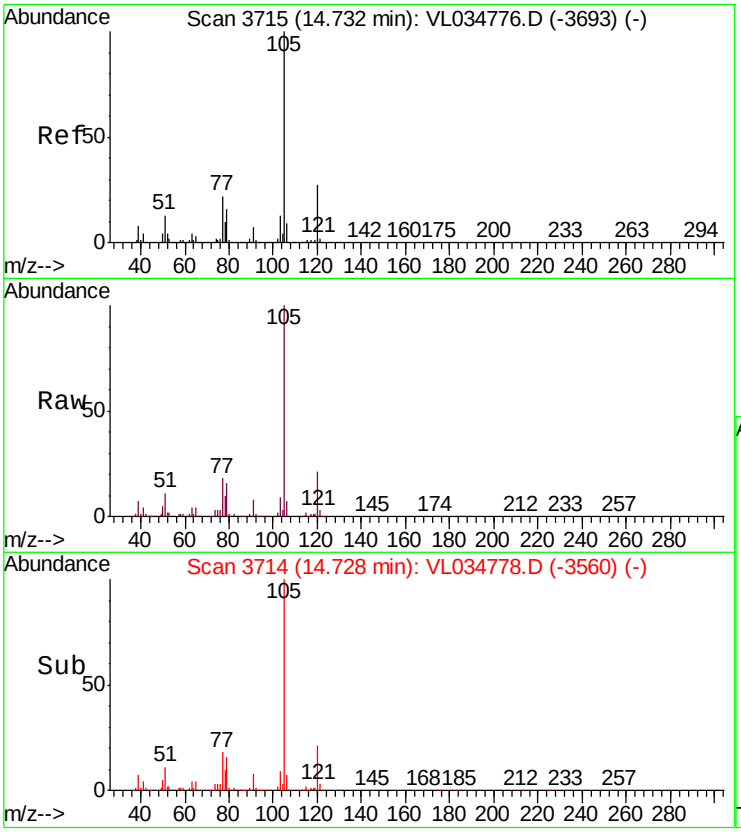


#61
Styrene
Concen: 0.965 ppbv
RT: 13.59 min Scan# 3359
Delta R.T. -0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Tgt Ion:104 Resp: 149887

Ion	Ratio	Lower	Upper
104	100		
78	58.1	44.7	67.1
103	47.5	38.2	57.2



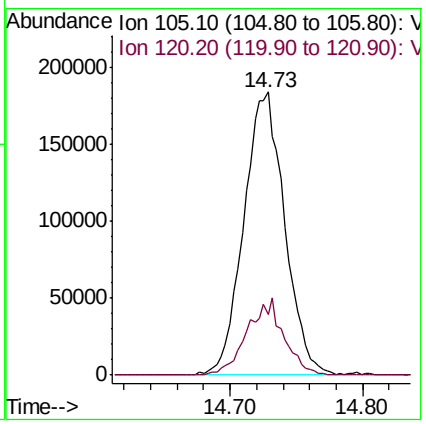


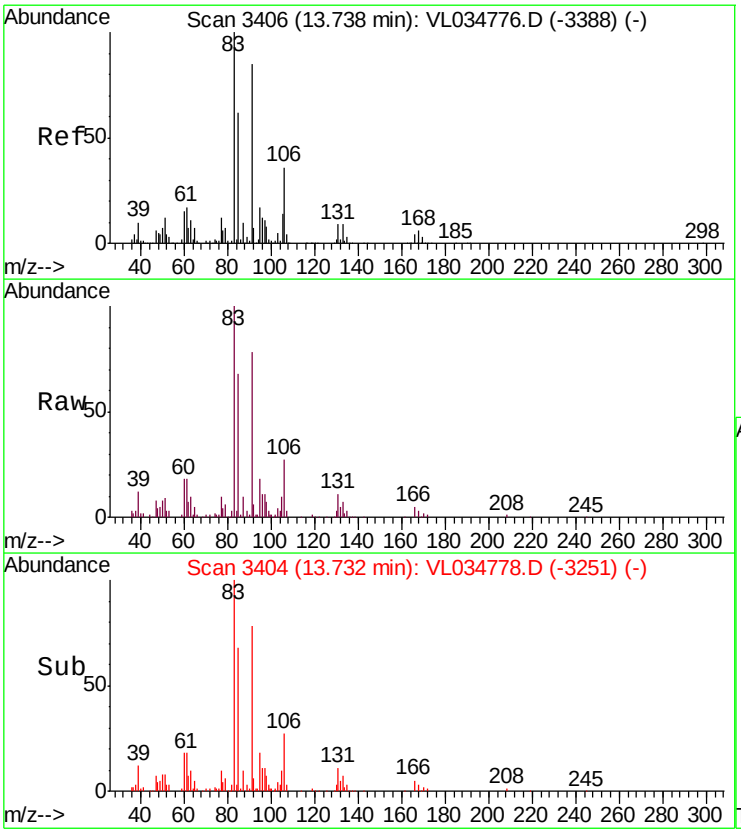
#62
Isopropylbenzene
Concen: 1.118 ppbv
RT: 14.73 min Scan# 3714
Delta R.T. -0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 395540

Ion	Ratio	Lower	Upper
105	100		
120	24.2	20.5	30.7

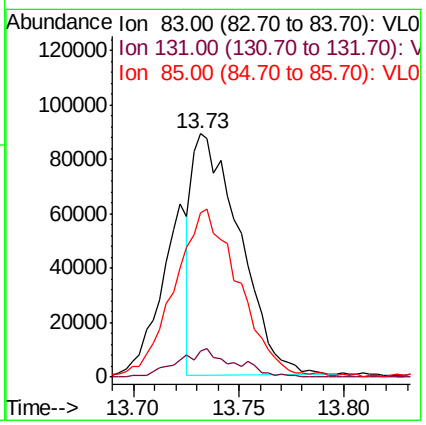


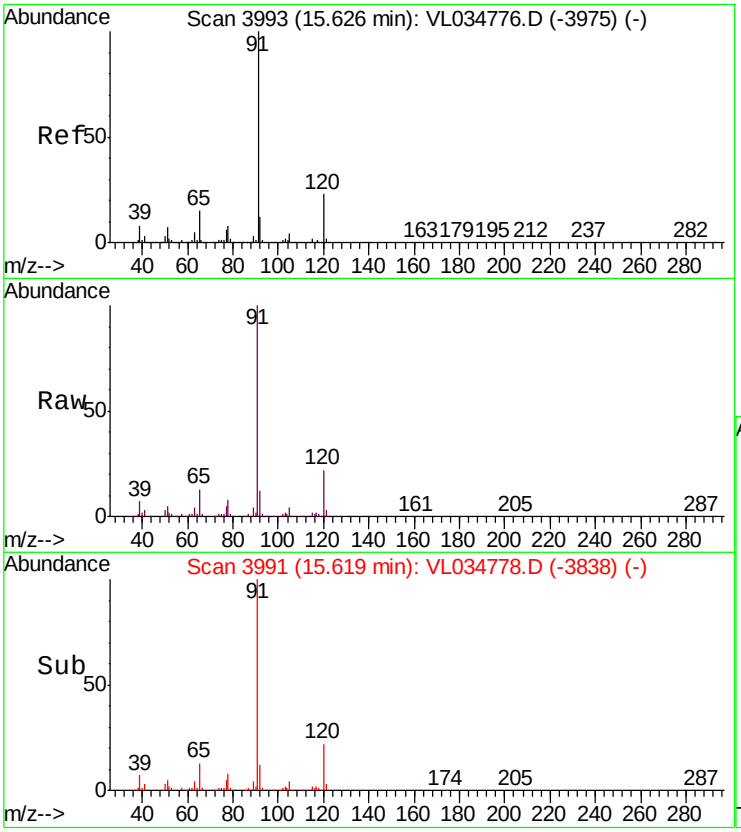


#63
1,1,2,2-Tetrachloroethane
Concen: 0.733 ppbv
RT: 13.73 min Scan# 3404
Delta R.T. -0.01 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Tgt Ion: 83 Resp: 138602

Ion	Ratio	Lower	Upper
83	100		
131	14.2	4.7	14.0#
85	96.0	32.9	98.7



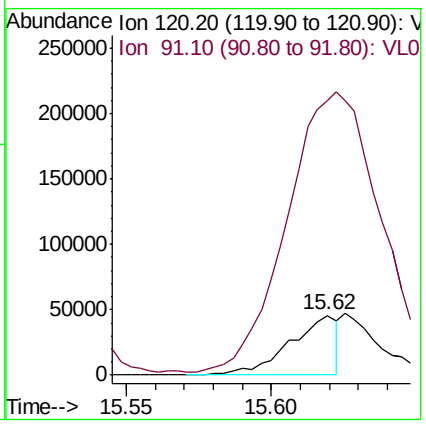


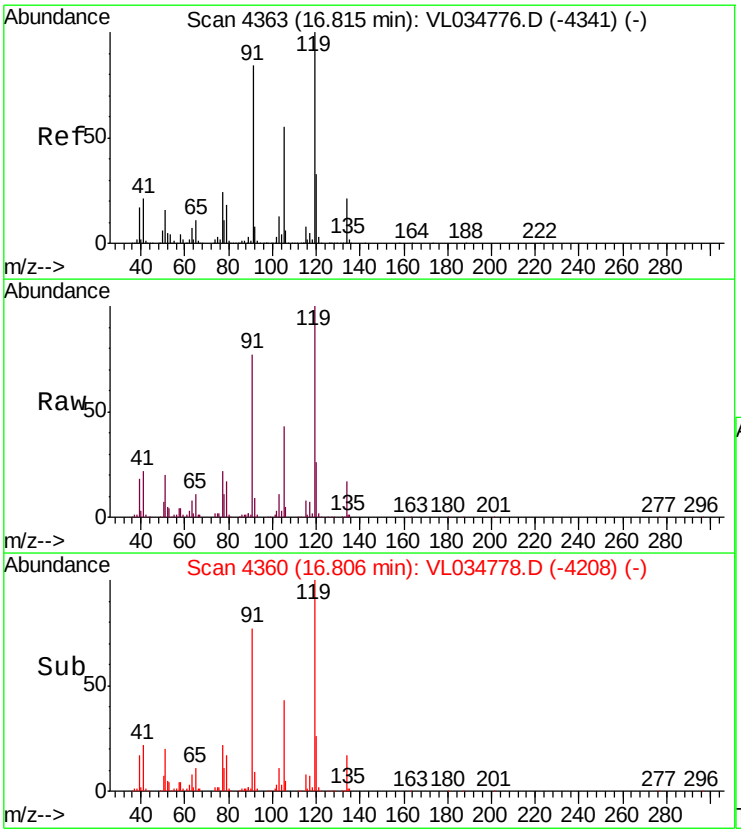
#64
n-propylbenzene
Concen: 0.574 ppbv
RT: 15.62 min Scan# 3991
Delta R.T. -0.01 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:120 Resp: 52286

Ion	Ratio	Lower	Upper
120	100		
91	556.1	379.4	569.2

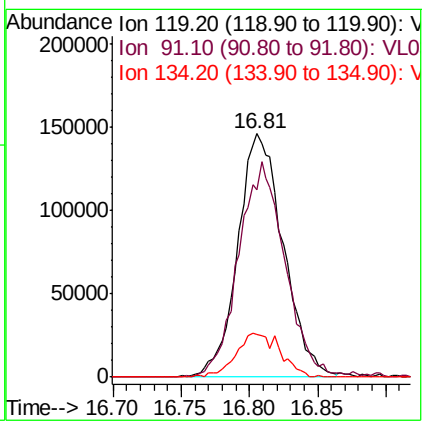


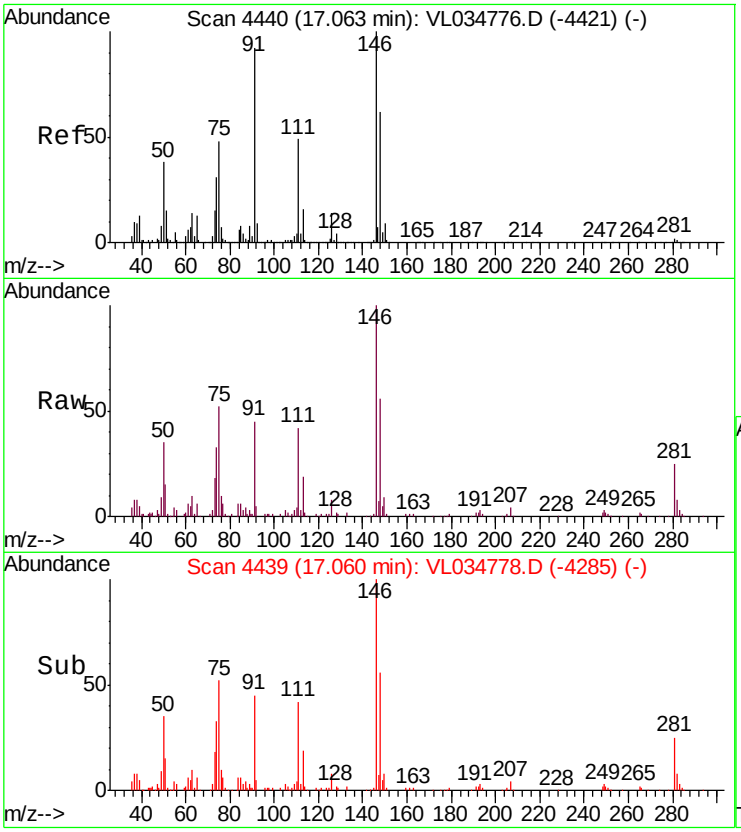


#65
tert-Butylbenzene
Concen: 1.098 ppbv
RT: 16.81 min Scan# 4360
Delta R.T. -0.01 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Tgt Ion:119 Resp: 336153

Ion	Ratio	Lower	Upper
119	100		
91	91.3	69.8	104.6
134	17.8	15.9	23.9



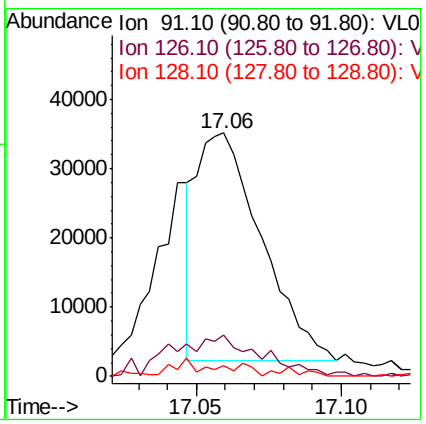


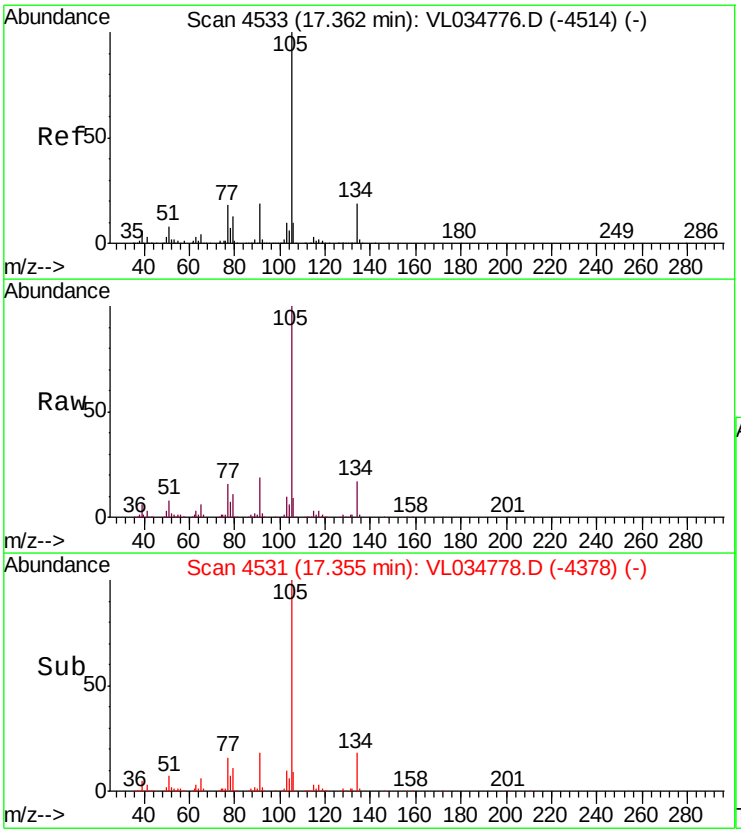
#66
Benzyl Chloride
Concen: 0.456 ppbv
RT: 17.06 min Scan# 4439
Delta R.T. -0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 50647

Ion	Ratio	Lower	Upper
91	100		
126	26.2	12.6	18.8#
128	4.7	4.3	6.5

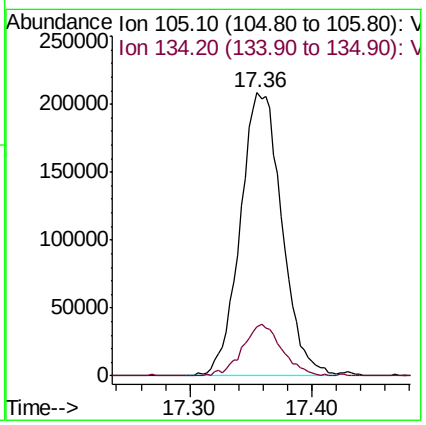


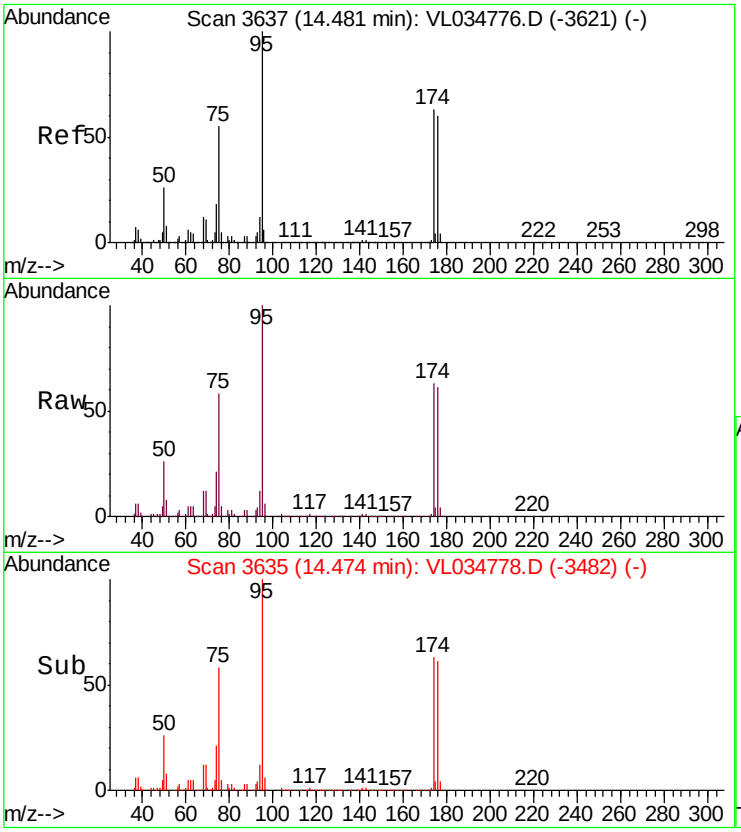


#67
sec-Butylbenzene
Concen: 1.113 ppbv
RT: 17.36 min Scan# 4531
Delta R.T. -0.01 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Tgt Ion:105 Resp: 491433

Ion	Ratio	Lower	Upper
105	100		
134	17.4	14.7	22.1



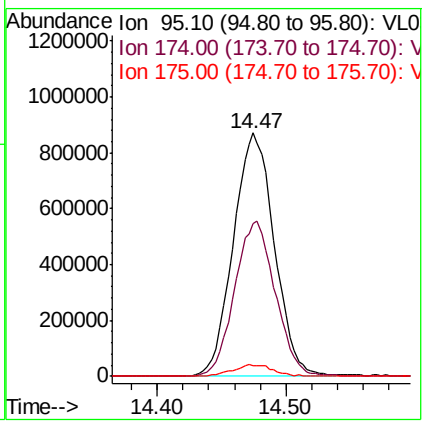


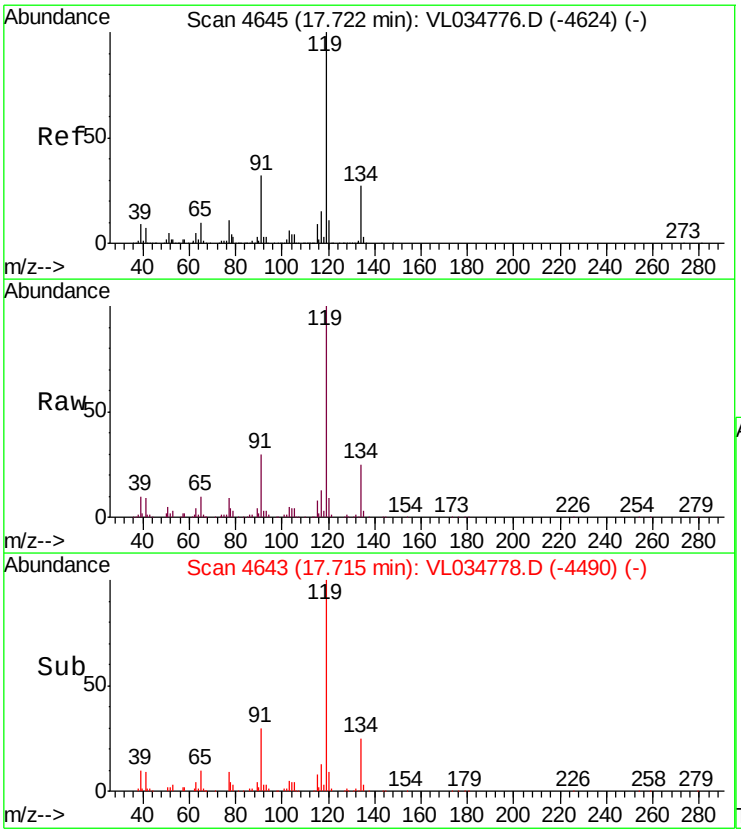
#68
1-Bromo-4-Fluorobenzene
Concen: 10.168 ppbv
RT: 14.47 min Scan# 3635
Delta R.T. -0.01 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 95 Resp: 1922878

Ion	Ratio	Lower	Upper
95	100		
174	63.6	50.6	76.0
175	4.8	3.8	5.6

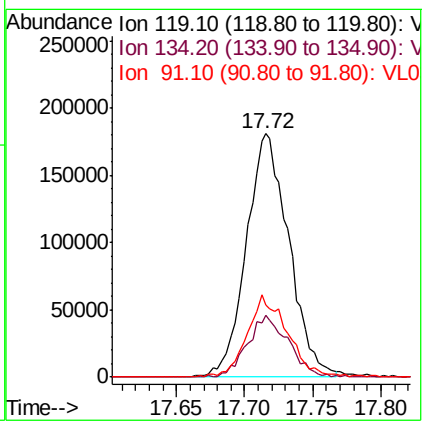


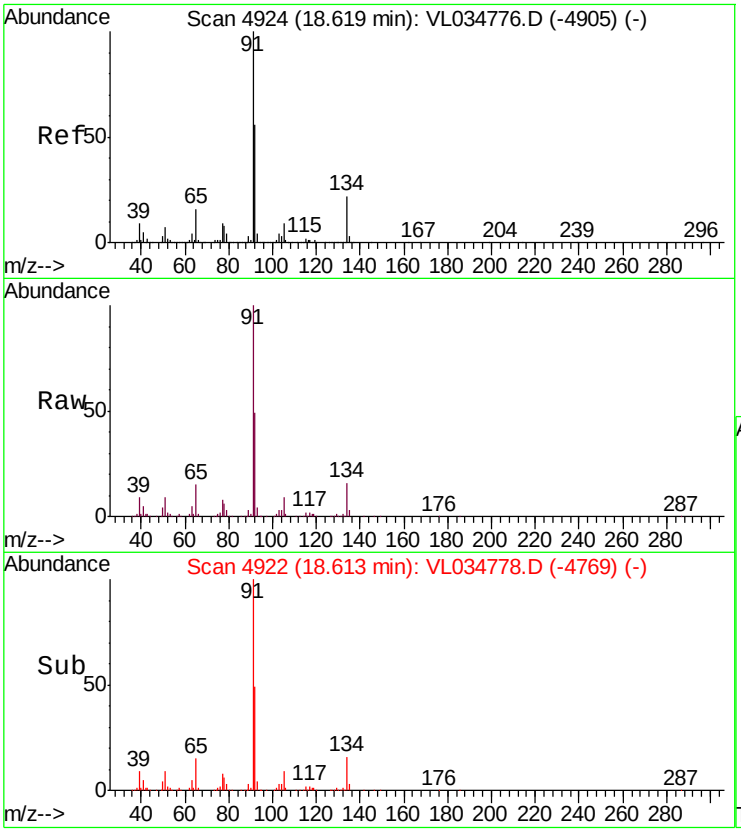


#69
p-Isopropyltoluene
Concen: 1.075 ppbv
RT: 17.72 min Scan# 4643
Delta R.T. -0.01 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Tgt Ion:119 Resp: 390758

Ion	Ratio	Lower	Upper
119	100		
134	24.7	20.6	30.8
91	32.6	25.3	37.9



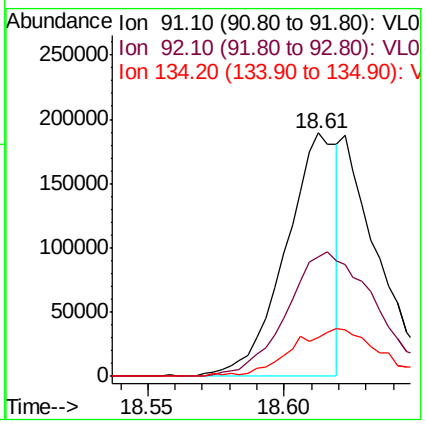


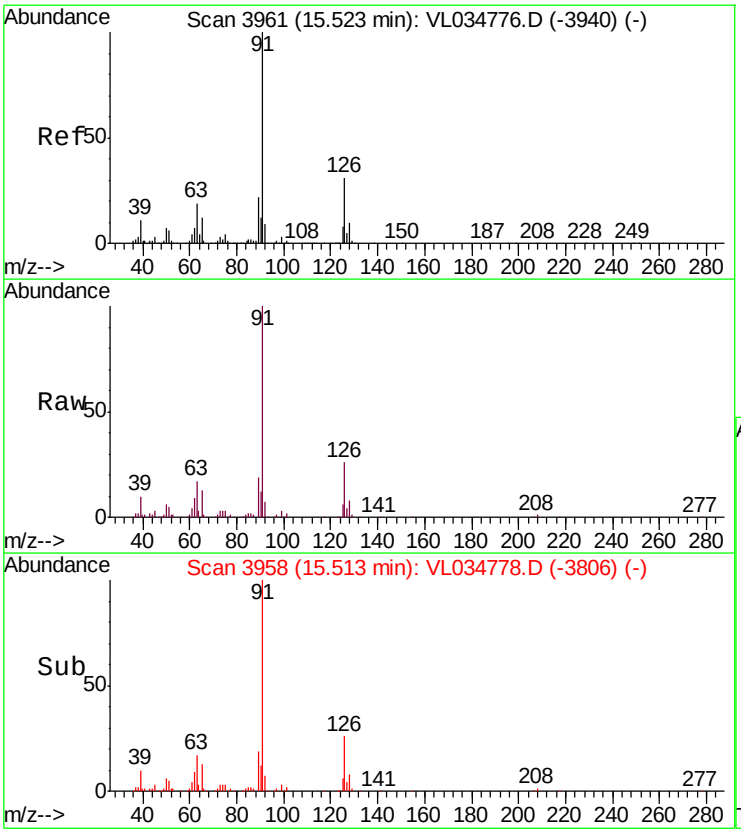
#70
n-Butylbenzene
Concen: 0.622 ppbv
RT: 18.61 min Scan# 4922
Delta R.T. -0.01 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Tgt Ion: 91 Resp: 246349

Ion	Ratio	Lower	Upper
91	100		
92	0.0	44.0	66.0#
134	0.0	17.7	26.5#

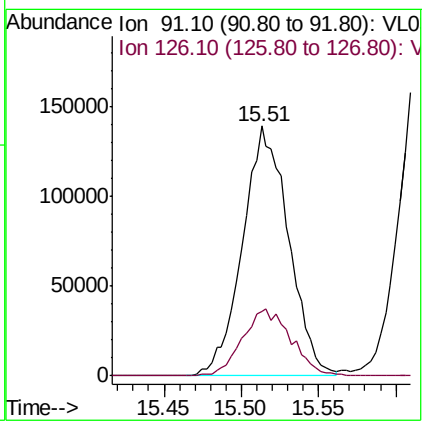


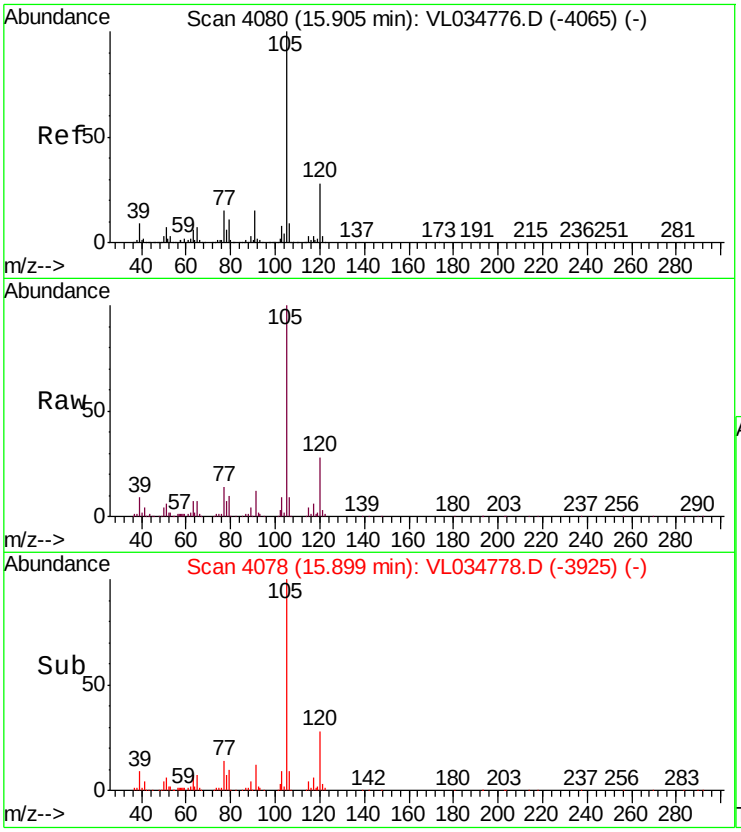


#71
2-Chlorotoluene
Concen: 1.050 ppbv
RT: 15.51 min Scan# 3958
Delta R.T. -0.01 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Tgt Ion: 91 Resp: 288529

Ion	Ratio	Lower	Upper
91	100		
126	28.4	11.7	46.7



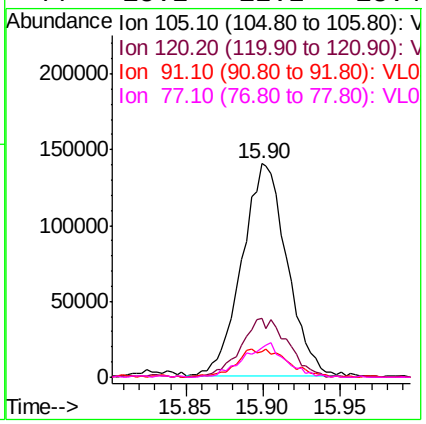


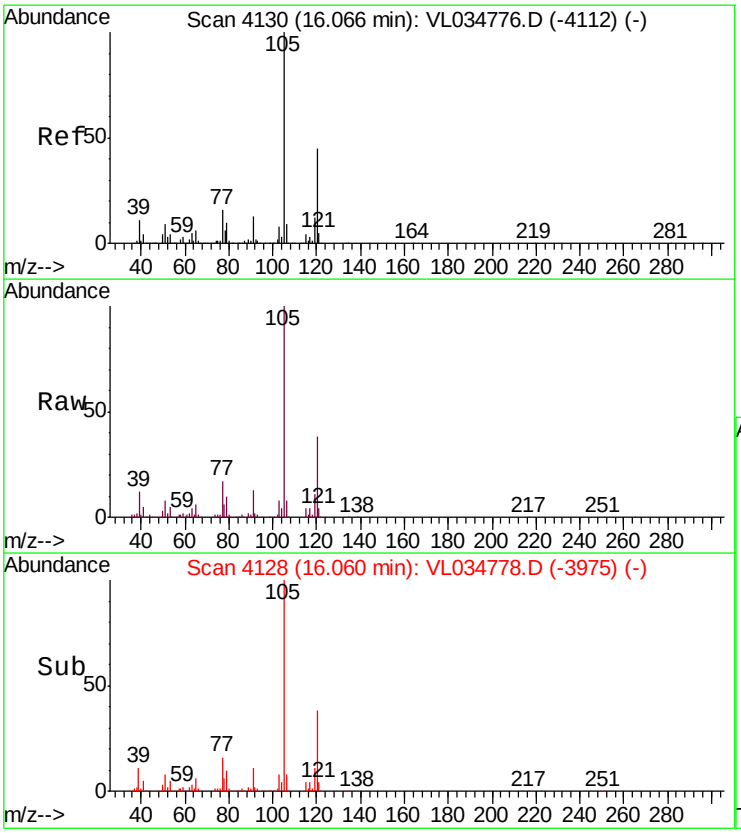
#72
4-Ethyltoluene
Concen: 1.042 ppbv
RT: 15.90 min Scan# 4078
Delta R.T. -0.01 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 281903

Ion	Ratio	Lower	Upper
105	100		
120	29.2	23.0	34.6
91	14.5	11.1	16.7
77	15.2	12.2	18.4

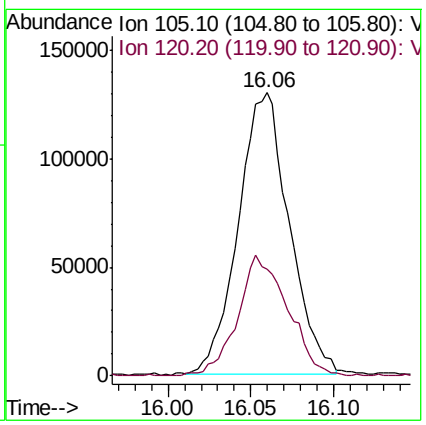


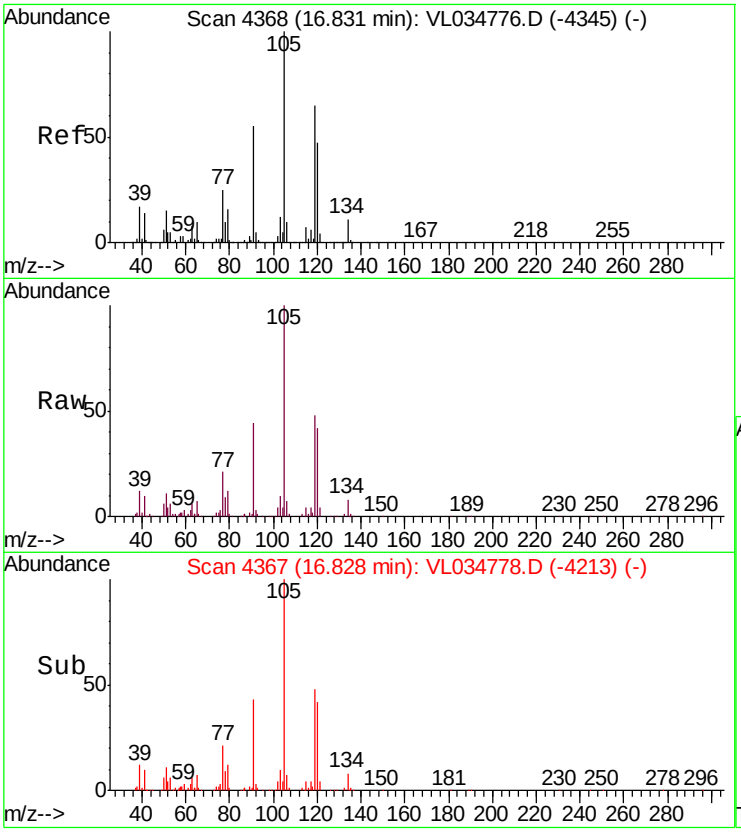


#73
1,3,5-Trimethylbenzene
Concen: 1.056 ppbv
RT: 16.06 min Scan# 4128
Delta R.T. -0.01 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Tgt Ion:105 Resp: 275343

Ion	Ratio	Lower	Upper
105	100		
120	37.2	35.6	53.4



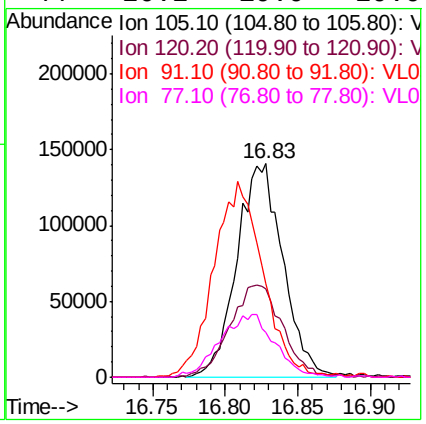


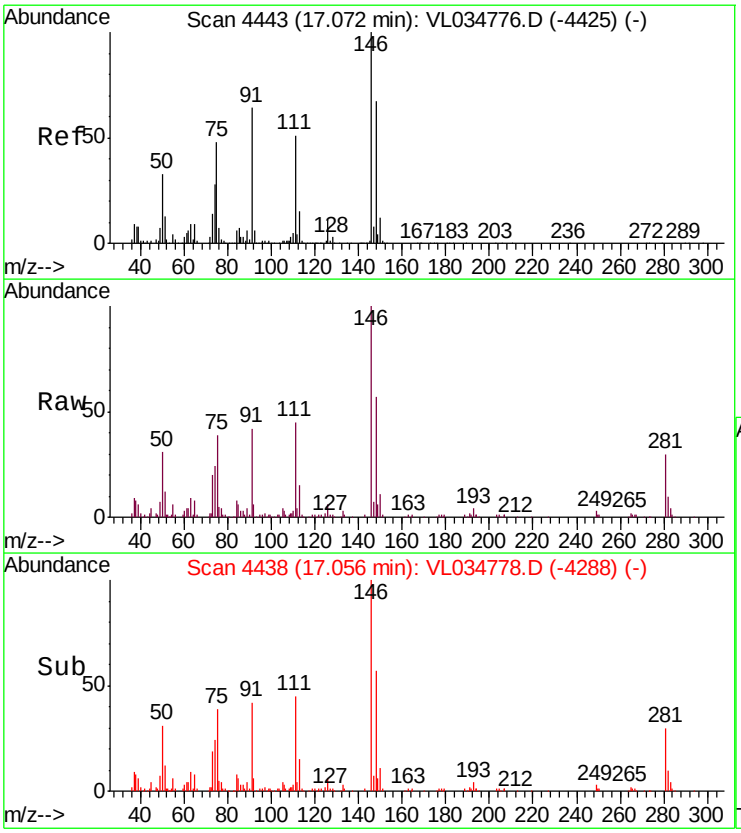
#74
1,2,4-Trimethylbenzene
Concen: 1.074 ppbv
RT: 16.83 min Scan# 4367
Delta R.T. -0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 309477

Ion	Ratio	Lower	Upper
105	100		
120	40.8	37.8	56.6
91	41.8	43.8	65.8#
77	20.2	19.9	29.9

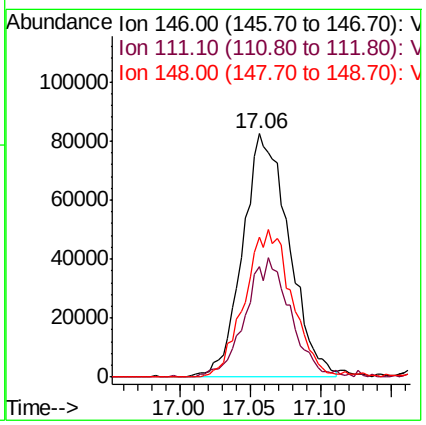


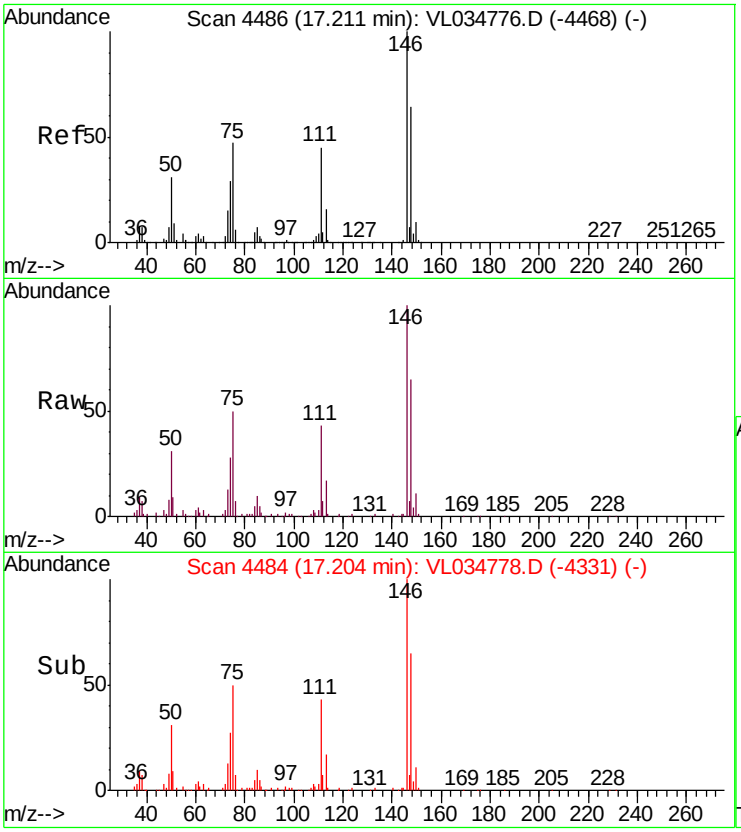


#75
1,3-Dichlorobenzene
Concen: 1.136 ppbv
RT: 17.06 min Scan# 4438
Delta R.T. -0.02 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Tgt Ion:146 Resp: 188952

Ion	Ratio	Lower	Upper
146	100		
111	47.6	24.7	74.1
148	62.4	31.8	95.4



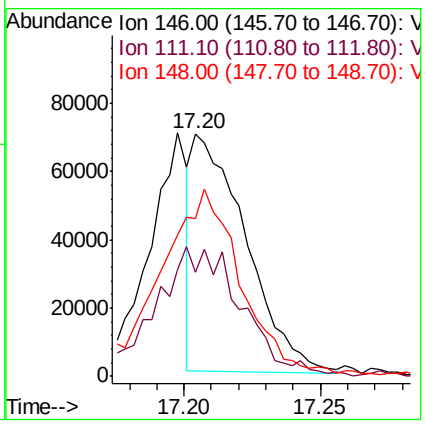


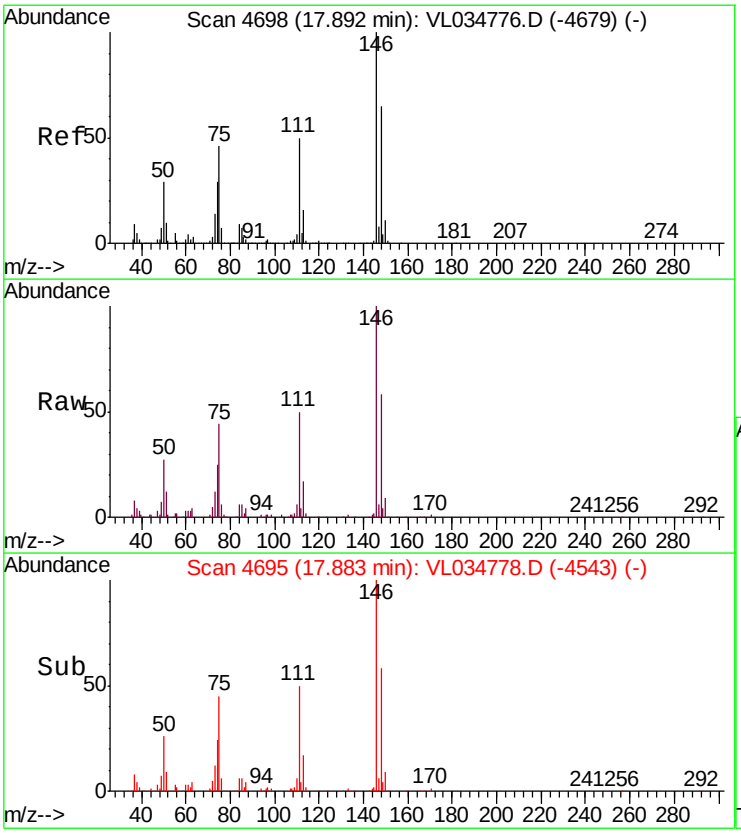
#76
1,4-Dichlorobenzene
Concen: 0.568 ppbv
RT: 17.20 min Scan# 4484
Delta R.T. -0.01 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 94314

Ion	Ratio	Lower	Upper
146	100		
111	89.5	23.5	70.5#
148	123.6	32.2	96.6#

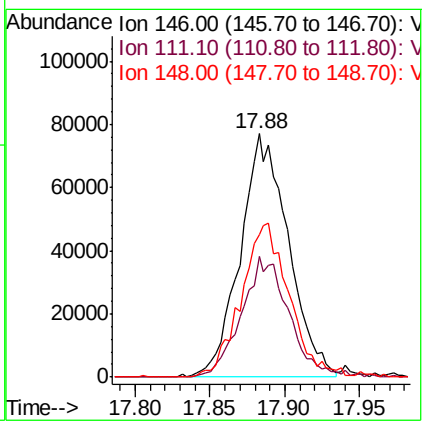


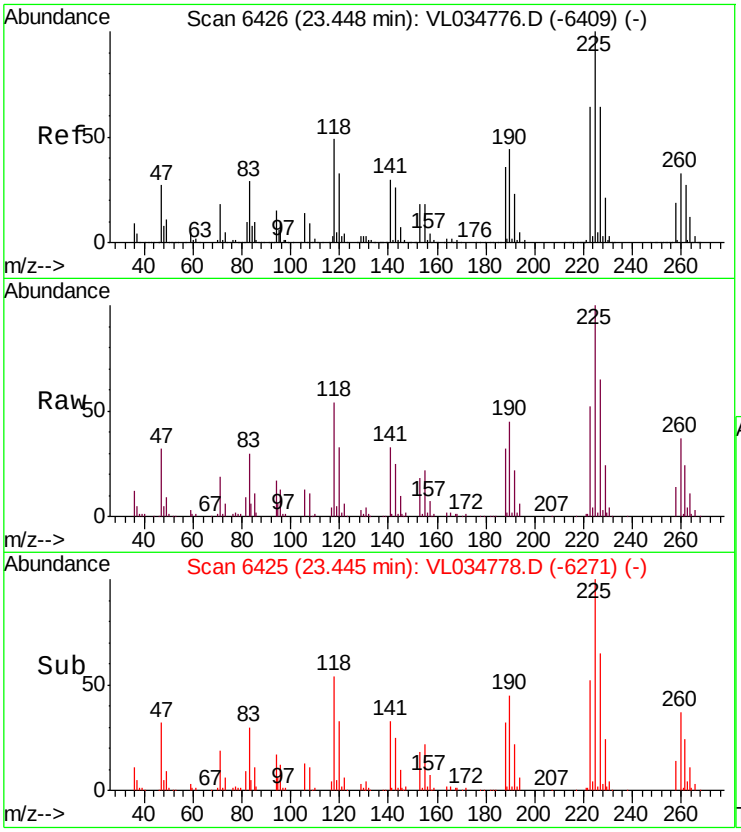


#77
1,2-Dichlorobenzene
Concen: 1.061 ppbv
RT: 17.88 min Scan# 4695
Delta R.T. -0.01 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Tgt Ion:146 Resp: 170394

Ion	Ratio	Lower	Upper
146	100		
111	49.3	25.3	75.8
148	64.3	32.3	96.9



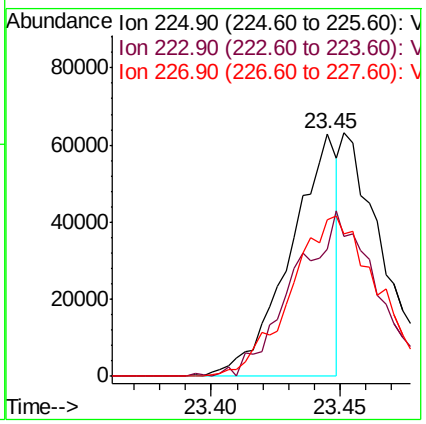


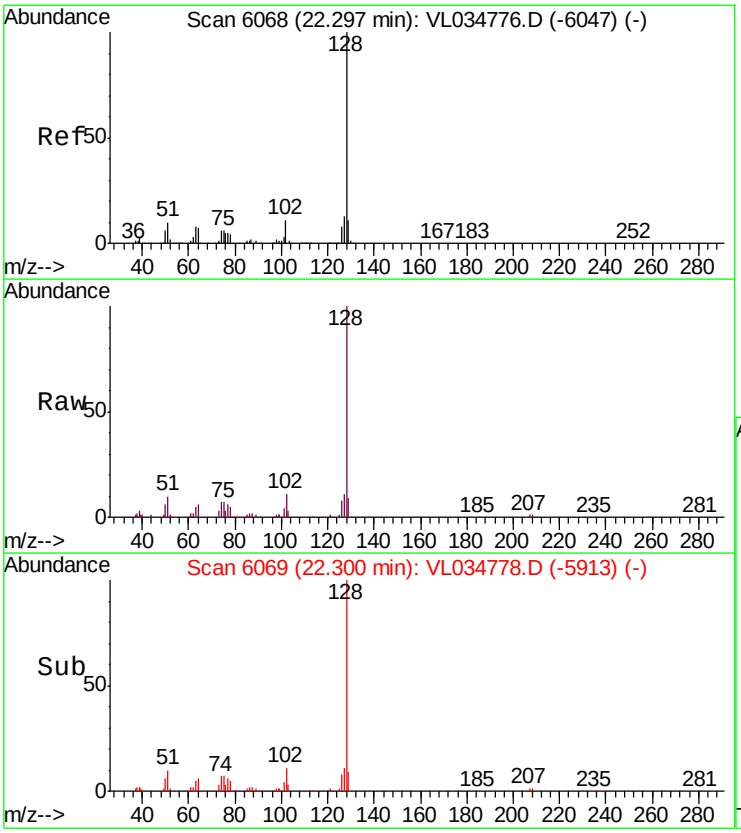
#78
Hexachloro-1,3-Butadiene
Concen: 0.573 ppbv
RT: 23.45 min Scan# 6425
Delta R.T. -0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:225 Resp: 79366

Ion	Ratio	Lower	Upper
225	100		
223	0.0	51.3	76.9#
227	0.0	51.9	77.9#

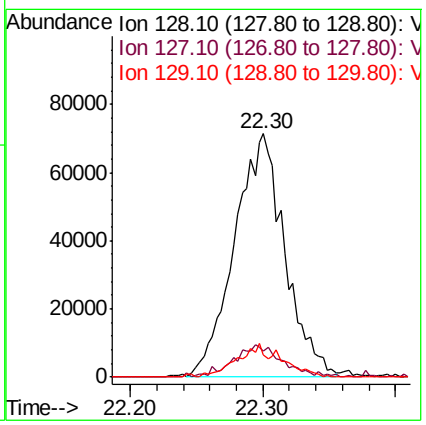


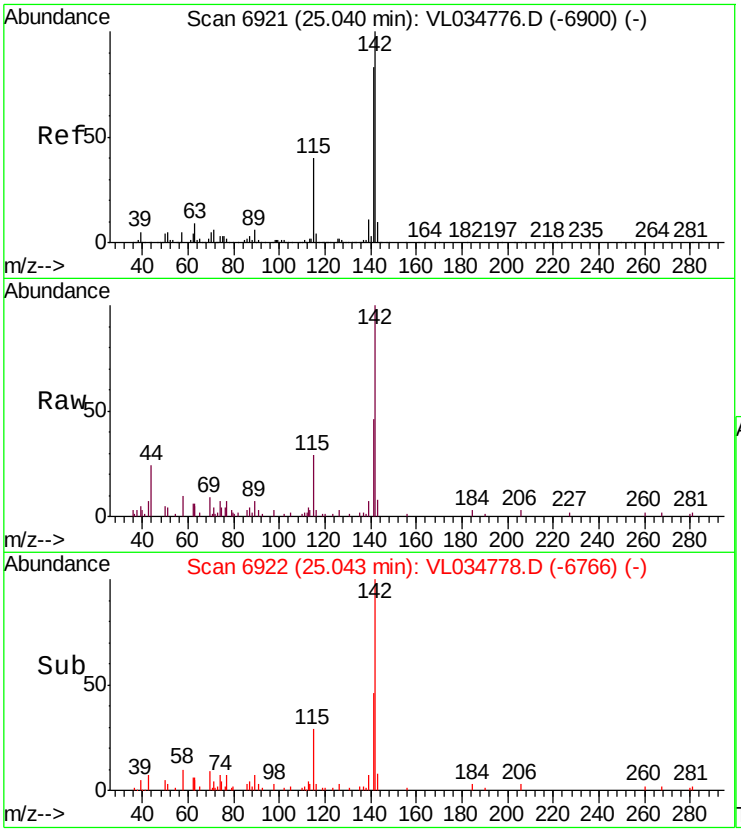


#79
Naphthalene
Concen: 0.743 ppbv
RT: 22.30 min Scan# 6069
Delta R.T. 0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Tgt Ion:128 Resp: 188602

Ion	Ratio	Lower	Upper
128	100		
127	9.5	10.2	15.4#
129	9.3	9.0	13.6



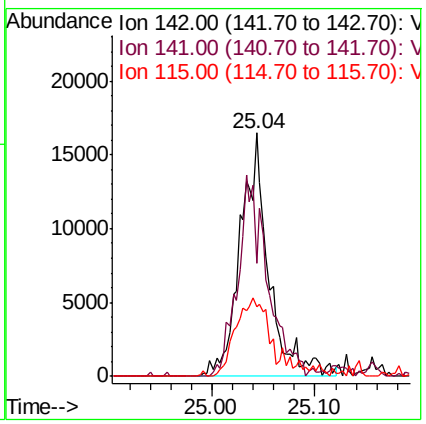


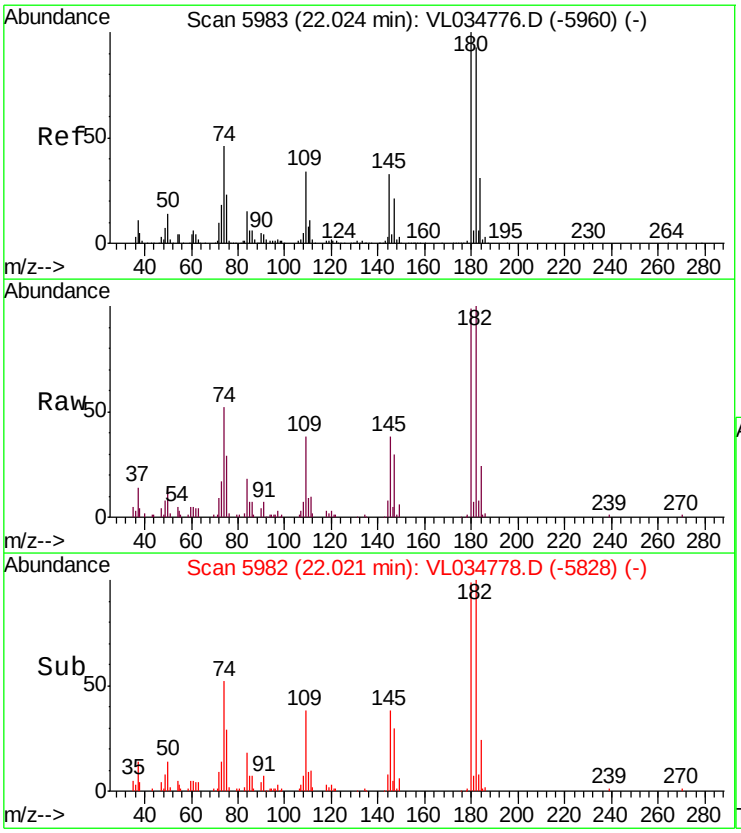
#80
Naphthalene,2-methyl-
Concen: 0.405 ppbv
RT: 25.04 min Scan# 6922
Delta R.T. 0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:142 Resp: 31754

Ion	Ratio	Lower	Upper
142	100		
141	86.3	67.7	101.5
115	43.7	30.7	46.1





#81
1,2,4-Trichlorobenzene
Concen: 0.334 ppbv
RT: 22.02 min Scan# 5982
Delta R.T. -0.00 min
Lab File: VL034778.D
Acq: 4 Mar 2020 2:42

Tgt Ion:180 Resp: 50768

Ion	Ratio	Lower	Upper
180	100		
182	251.2	76.8	115.2#
184	77.1	24.8	37.2#