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

Quantitation Report (Not Reviewed)

Data File : VL034777.D
Acq On : 4 Mar 2020 2:04
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Mar 04 05:57:56 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	1142370	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	2342737	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.14	117	2417805	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.47	95	1964779	9.91	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.02	85	432065	2.398	ppbv	95
3) Chlorodifluoromethane	2.97	51	270419	2.186	ppbv	98
4) Chloromethane	3.12	50	150686	2.195	ppbv	93
5) Vinyl Chloride	3.24	62	141159	2.092	ppbv	98
6) Bromomethane	3.46	94	83955	2.127	ppbv	93
7) Chloroethane	3.54	64	50934	2.041	ppbv	95
8) Dichlorotetrafluoroethane	3.17	85	339217	2.131	ppbv	97
9) Propene	2.99	41	107892	2.098	ppbv	99
10) Heptane	8.16	43	278275	2.099	ppbv	98
11) Trichlorofluoromethane	3.94	101	350744	2.221	ppbv	96
12) 1,1,2-Trichlorotrifluoroet	4.48	101	245449	2.214	ppbv	95
13) Ethanol	3.60	45	27581	1.702	ppbv	94
14) Bromoethene	3.73	108	99401	2.137	ppbv	96
15) Acetone	3.84	43	290296	2.227	ppbv	99
16) 1,3-Butadiene	3.31	39	130676	2.160	ppbv	99
17) tert-Butyl alcohol	4.30	59	156234	1.563	ppbv	98
18) 1,1-Dichloroethene	4.29	96	102528	2.059	ppbv	89
19) Isopropyl Alcohol	3.97	45	121775	1.566	ppbv #	93
20) Methylene Chloride	4.34	84	100185	2.075	ppbv	95
21) Allyl Chloride	4.41	41	181211	2.122	ppbv	100
22) trans-1,2-Dichloroethene	4.89	96	102546	2.132	ppbv	98
23) Vinyl Acetate	5.08	43	400547	2.261	ppbv	98
24) 1,1-Dichloroethane	5.01	63	299545	2.124	ppbv	100
25) Ethyl Acetate	5.69	43	498658	2.160	ppbv	99
26) Hexane	5.70	57	140648	1.326	ppbv #	26
27) Carbon Disulfide	4.56	76	258013	2.165	ppbv	97
28) Methyl tert-Butyl Ether	5.05	73	325362	2.150	ppbv	98
29) Chloroform	5.76	83	355356	2.101	ppbv	98
30) Cyclohexane	7.16	84	167424	2.034	ppbv #	83
31) cis-1,2-Dichloroethene	5.56	61	217977	2.086	ppbv	98
32) 1,1,1-Trichloroethane	6.53	97	333844	2.105	ppbv	99
34) 2-Butanone	5.26	43	332591	2.248	ppbv	98
35) Carbon Tetrachloride	7.05	117	346122	2.204	ppbv	98
36) Benzene	6.92	78	432670	2.143	ppbv	98
37) 1,2-Dichloroethane	6.33	62	278543	2.168	ppbv	100
38) Trichloroethene	7.87	130	154521	1.982	ppbv	95
39) 1,2-Dichloropropane	7.65	63	165556	2.066	ppbv	92
40) 1,4-Dioxane	7.88	88	23124	0.849	ppbv #	1
41) Tetrahydrofuran	6.08	42	171178	2.208	ppbv	98
42) Bromodichloromethane	7.83	83	357658	2.129	ppbv #	98
43) Methyl Methacrylate	8.05	69	184917	2.179	ppbv	98

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

Quantitation Report (Not Reviewed)

Data File : VL034777.D
Acq On : 4 Mar 2020 2:04
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Mar 04 05:57:56 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	769020	2.179	ppbv		100
45) t-1,3-Dichloropropene	9.32	75	184720	2.005	ppbv		92
46) cis-1,3-Dichloropropene	8.74	75	226957	2.049	ppbv		95
47) 1,1,2-Trichloroethane	9.52	97	183926	2.225	ppbv		98
48) Dibromochloromethane	10.35	129	284601	2.205	ppbv		99
49) Bromoform	13.10	173	123213	1.096	ppbv	#	30
50) 4-Methyl-2-Pentanone	8.79	43	482948	2.301	ppbv		99
51) 2-Hexanone	10.18	43	385497	2.331	ppbv	#	97
52) Tetrachloroethene	11.28	164	148421	1.995	ppbv		97
53) Toluene	9.85	91	470645	2.189	ppbv		99
54) 1,2-Dibromoethane	10.66	107	274775	2.226	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.18	131	226292	2.176	ppbv	#	1
57) Chlorobenzene	12.20	112	393892	2.201	ppbv		97
58) Ethyl Benzene	12.76	91	657950	2.238	ppbv		98
59) m/p-Xylene	13.05	91	560835	2.198	ppbv	#	31
60) o-Xylene	13.75	91	564462	2.220	ppbv		99
61) Styrene	13.58	104	356825	2.192	ppbv		99
62) Isopropylbenzene	14.73	105	847152	2.283	ppbv		97
63) 1,1,2,2-Tetrachloroethane	13.73	83	424324	2.142	ppbv		100
64) n-propylbenzene	15.62	120	209781	2.195	ppbv		84
65) tert-Butylbenzene	16.81	119	726400	2.263	ppbv		96
66) Benzyl Chloride	17.06	91	204758	1.759	ppbv		98
67) sec-Butylbenzene	17.36	105	1079139	2.332	ppbv		98
69) p-Isopropyltoluene	17.72	119	869406	2.282	ppbv		99
70) n-Butylbenzene	18.62	91	950487	2.288	ppbv		97
71) 2-Chlorotoluene	15.52	91	659608	2.290	ppbv		97
72) 4-Ethyltoluene	15.91	105	645881	2.277	ppbv		100
73) 1,3,5-Trimethylbenzene	16.06	105	613420	2.244	ppbv		90
74) 1,2,4-Trimethylbenzene	16.82	105	409320	1.355	ppbv		96
75) 1,3-Dichlorobenzene	17.07	146	381140	2.186	ppbv		97
76) 1,4-Dichlorobenzene	17.20	146	357532	2.055	ppbv		96
77) 1,2-Dichlorobenzene	17.89	146	375413	2.229	ppbv		98
78) Hexachloro-1,3-Butadiene	23.45	225	317545	2.188	ppbv		99
79) Naphthalene	22.30	128	480449	1.804	ppbv		98
80) Naphthalene,2-methyl-	25.04	142	108575	1.322	ppbv		97
81) 1,2,4-Trichlorobenzene	22.01	180	144672	0.908	ppbv	#	12

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

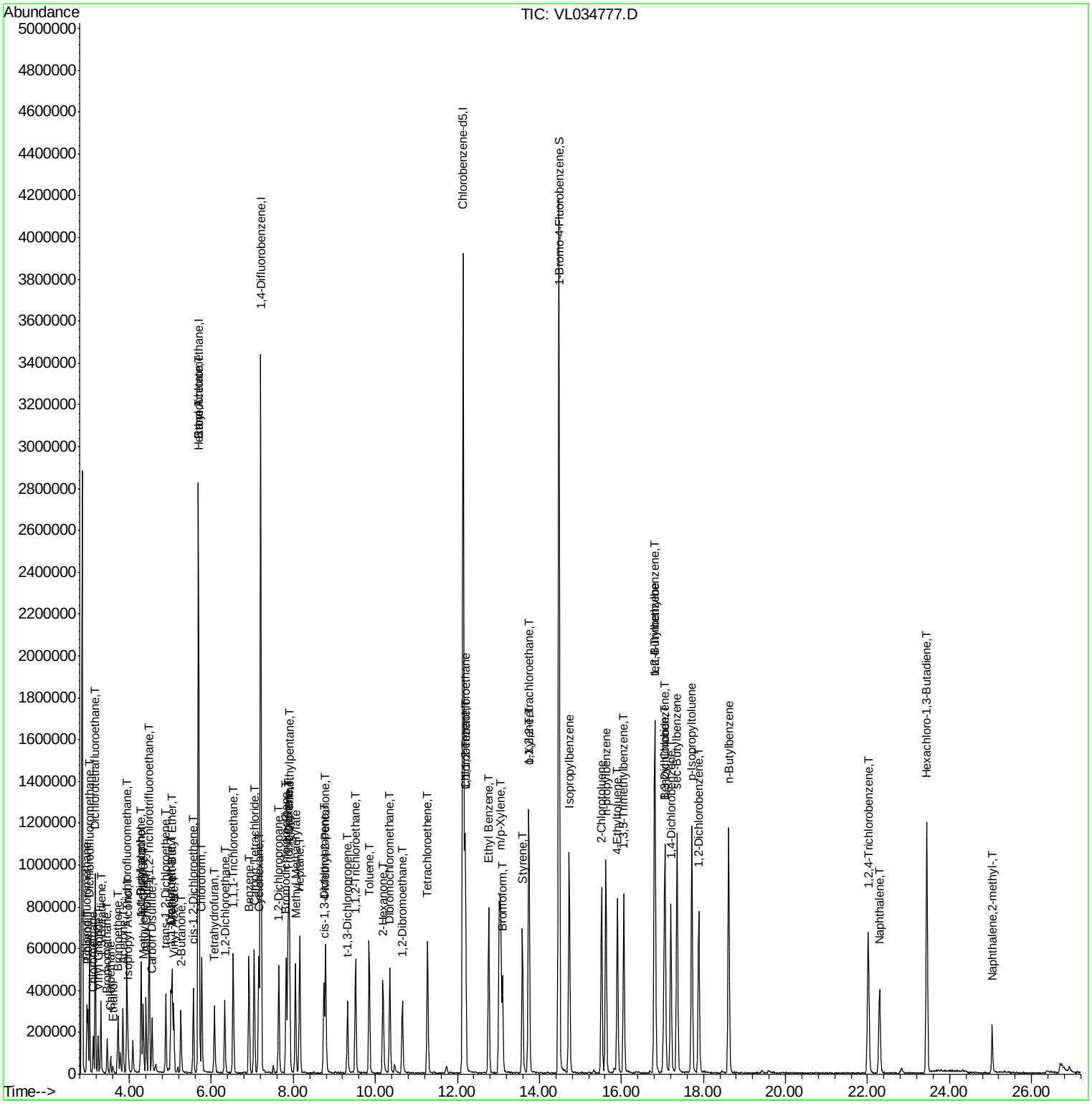
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030420\

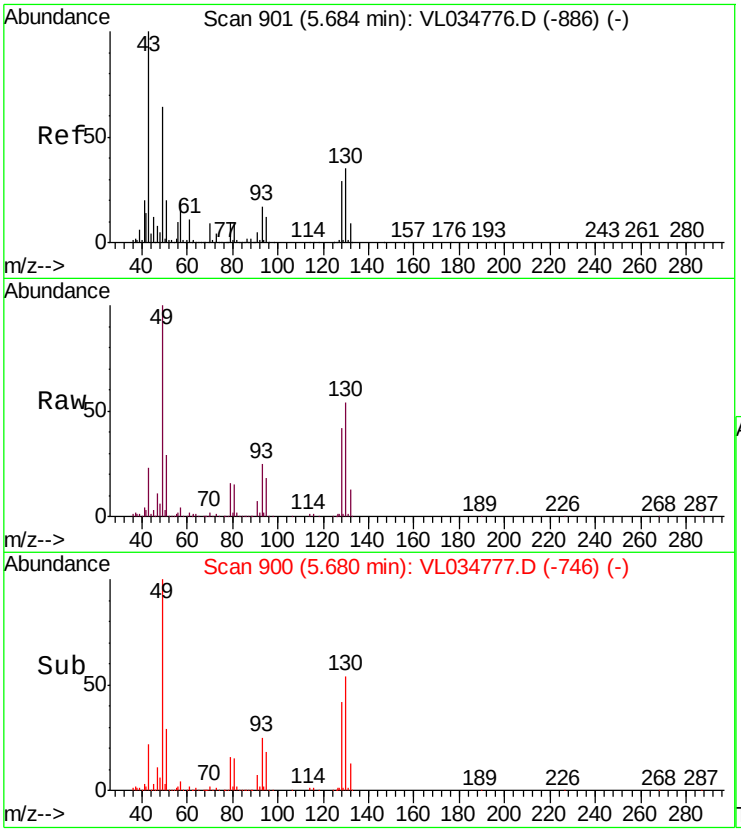
Quantitation Report (Not Reviewed)

Data File : VL034777.D
Acq On : 4 Mar 2020 2:04
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Mar 04 05:57:56 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



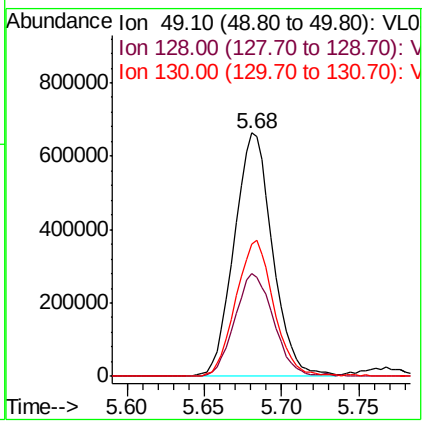


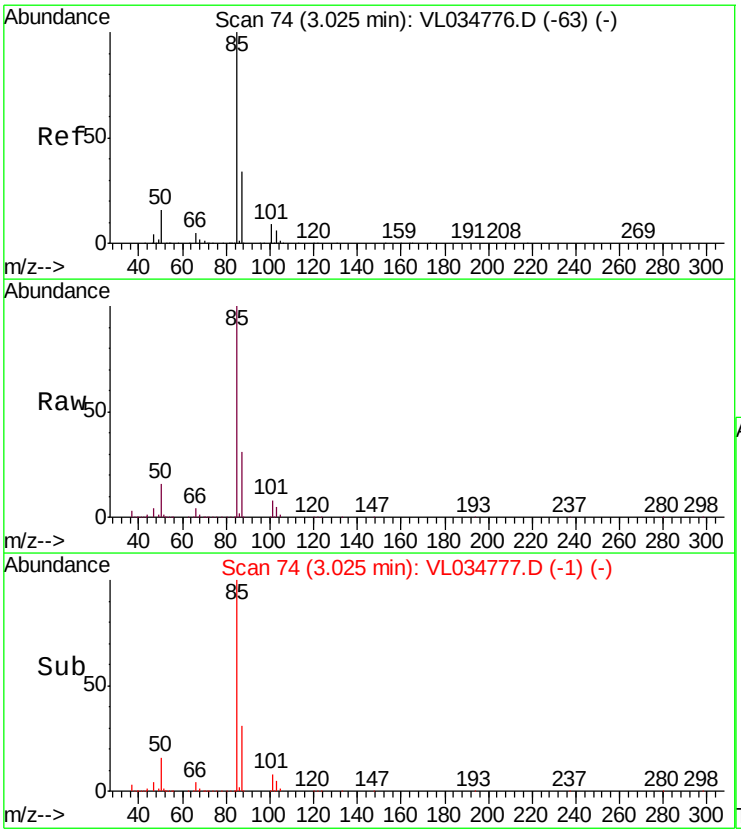
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 49 Resp: 1142370

Ion	Ratio	Lower	Upper
49	100		
128	43.3	21.6	64.6
130	56.0	27.4	82.2

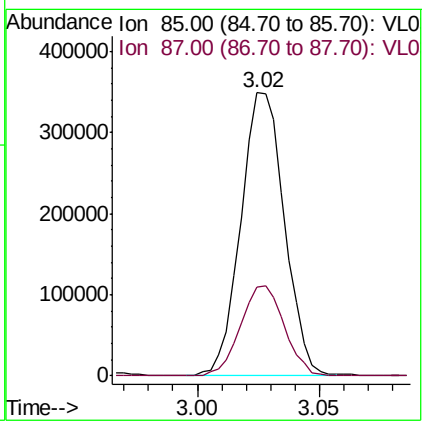


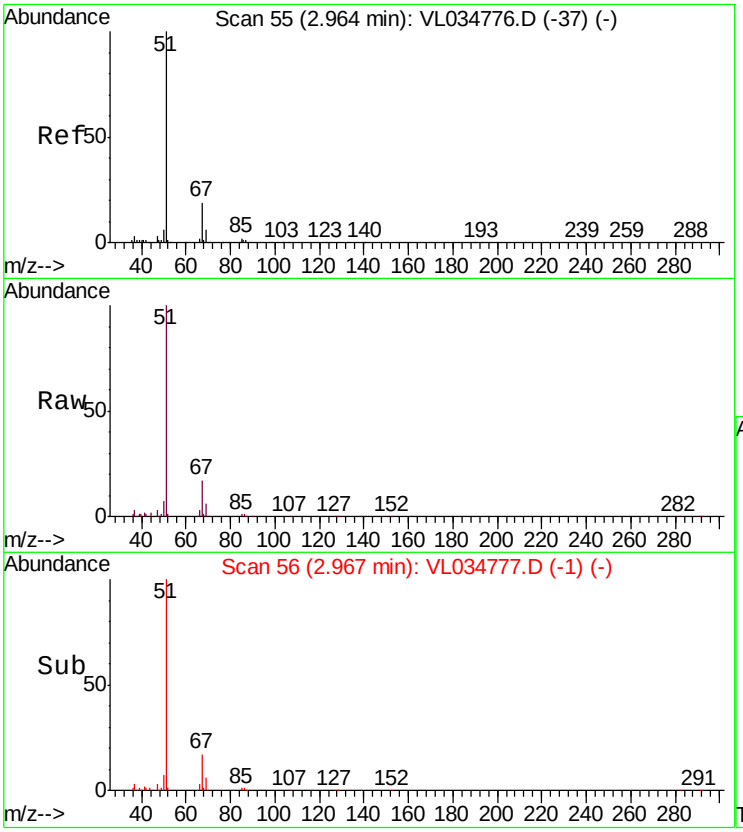


#2
Dichlorodifluoromethane
Concen: 2.398 ppbv
RT: 3.02 min Scan# 74
Delta R.T. -0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Tgt Ion: 85 Resp: 432065

Ion	Ratio	Lower	Upper
85	100		
87	31.2	27.2	40.8



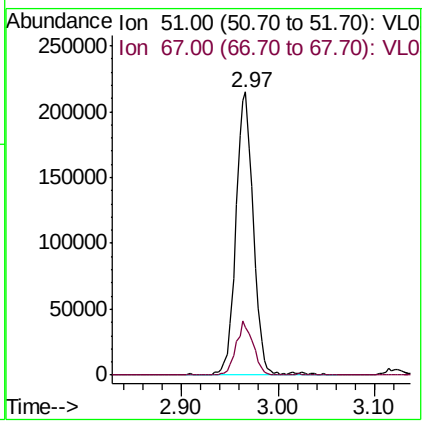


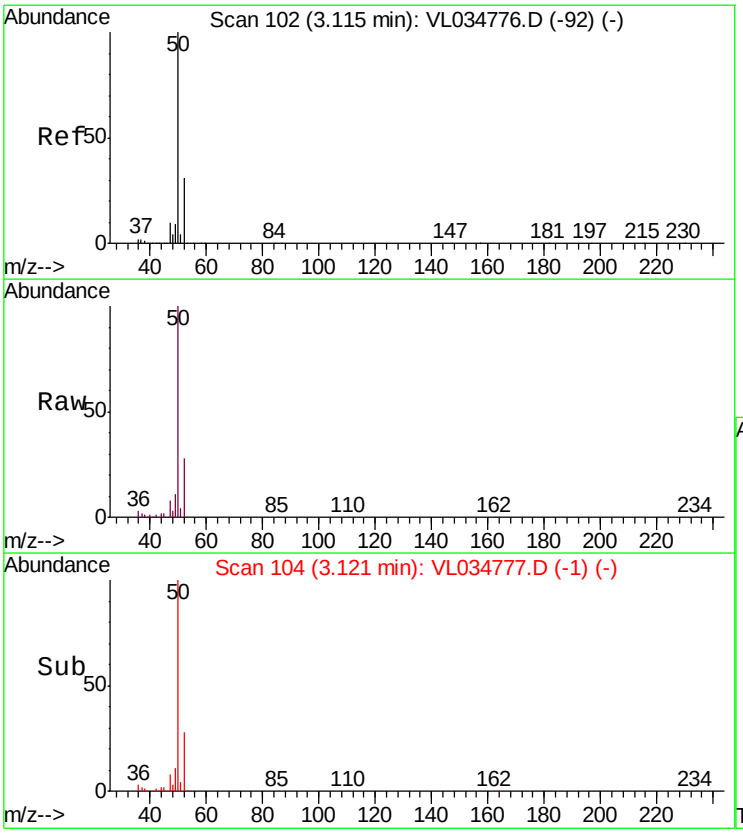
#3
Chlorodifluoromethane
Concen: 2.186 ppbv
RT: 2.97 min Scan# 56
Delta R.T. 0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 51 Resp: 270419

Ion	Ratio	Lower	Upper
51	100		
67	18.4	15.3	22.9

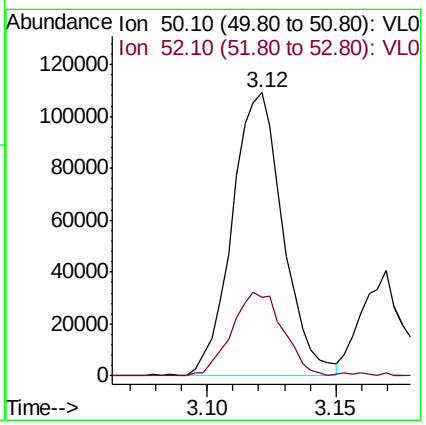


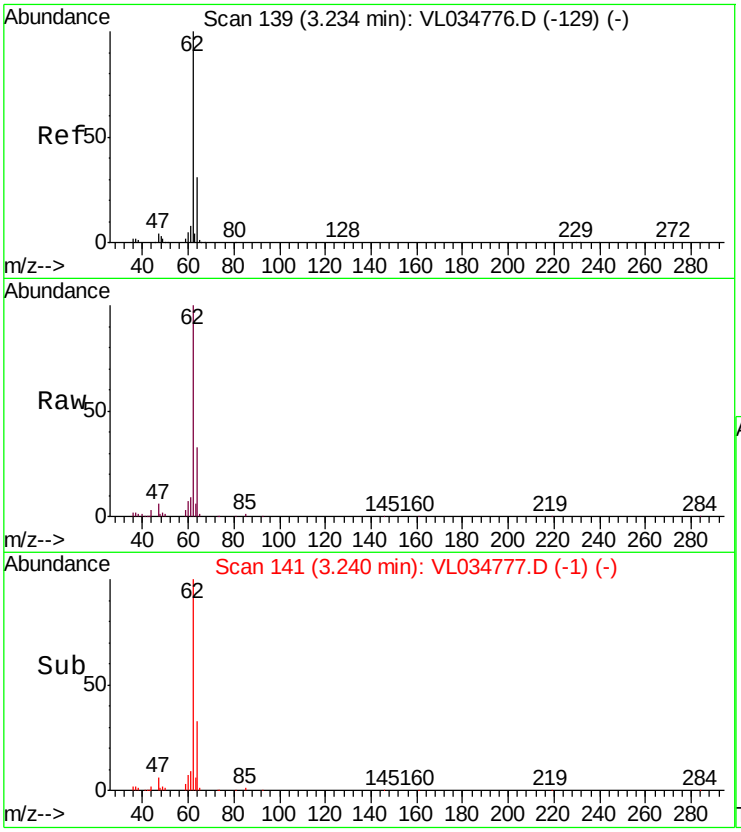


#4
Chloromethane
Concen: 2.195 ppbv
RT: 3.12 min Scan# 104
Delta R.T. 0.01 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Tgt Ion: 50 Resp: 150686

Ion	Ratio	Lower	Upper
50	100		
52	27.2	25.0	37.4



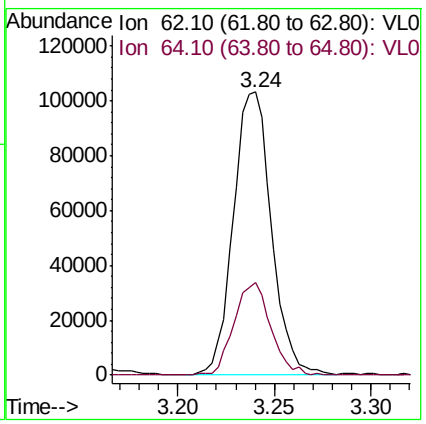


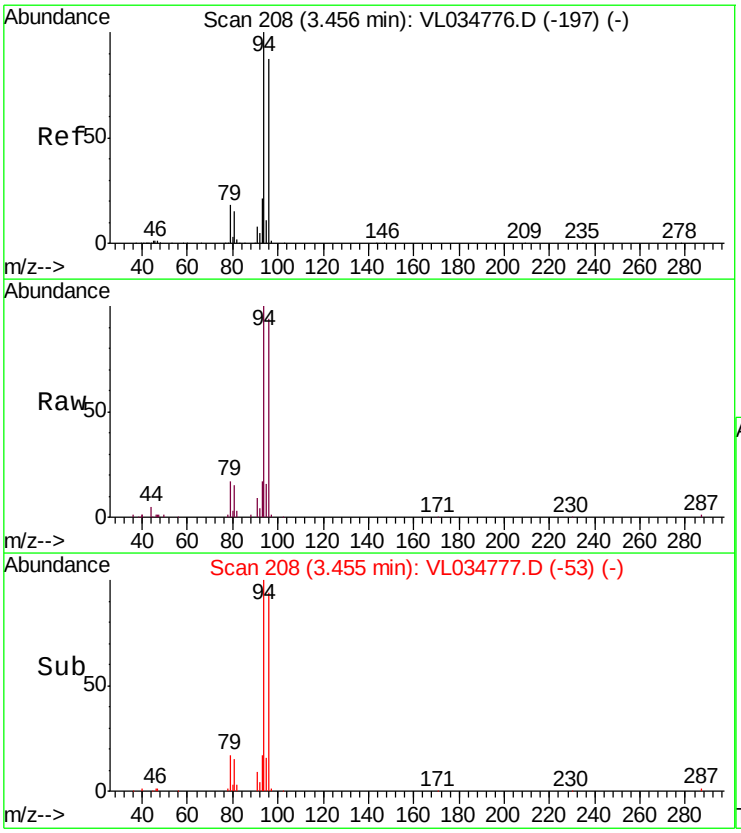
#5
Vinyl Chloride
Concen: 2.092 ppbv
RT: 3.24 min Scan# 141
Delta R.T. 0.01 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 62 Resp: 141159

Ion	Ratio	Lower	Upper
62	100		
64	32.8	25.1	37.7

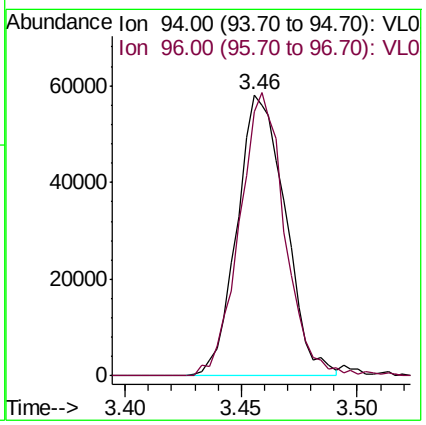


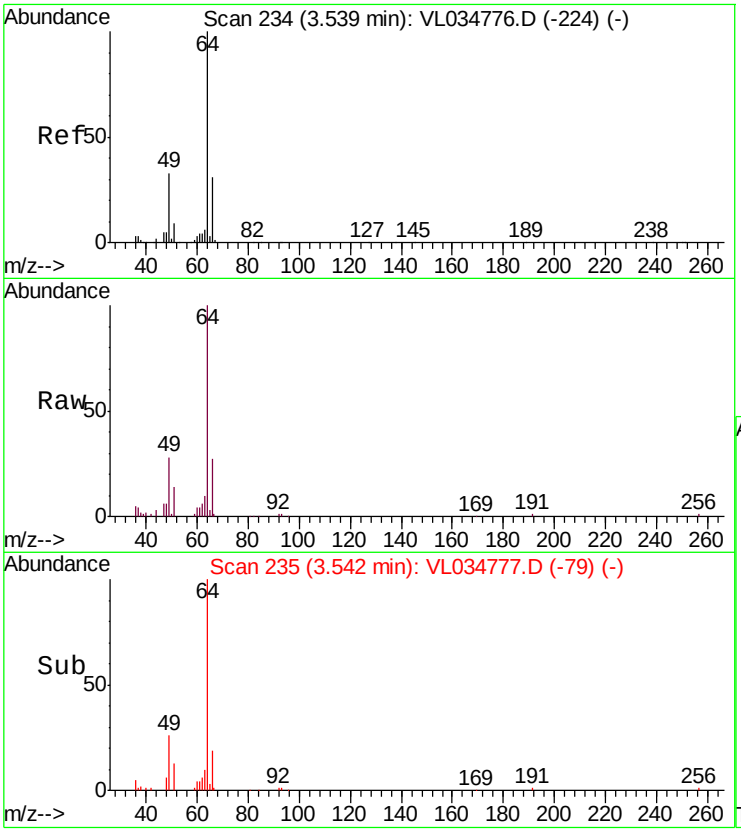


#6
Bromomethane
Concen: 2.127 ppbv
RT: 3.46 min Scan# 208
Delta R.T. -0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Tgt Ion: 94 Resp: 83955

Ion	Ratio	Lower	Upper
94	100		
96	94.2	70.0	105.0



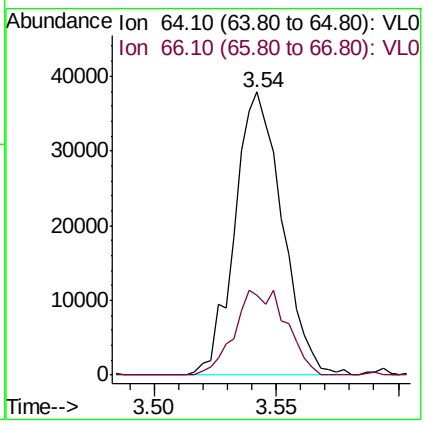


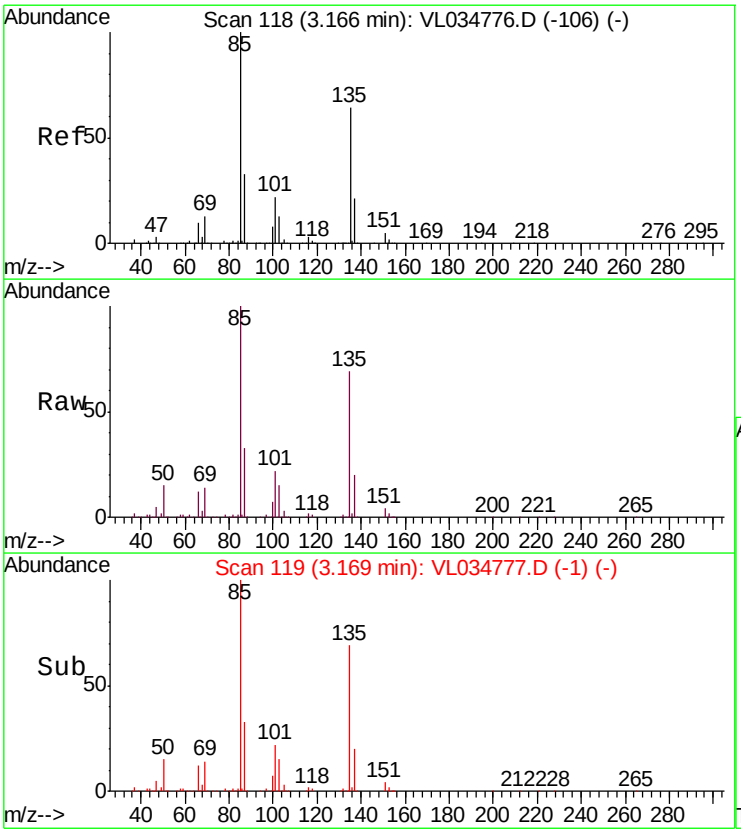
#7
Chloroethane
Concen: 2.041 ppbv
RT: 3.54 min Scan# 235
Delta R.T. 0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 64 Resp: 50934

Ion	Ratio	Lower	Upper
64	100		
66	28.4	24.8	37.2

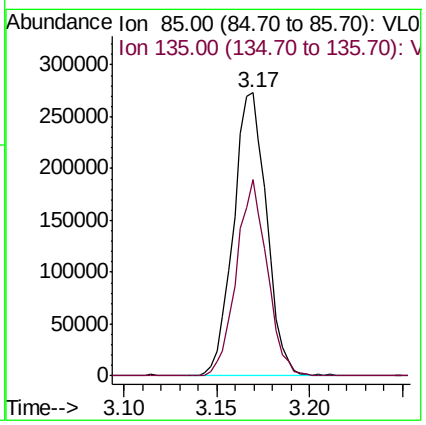


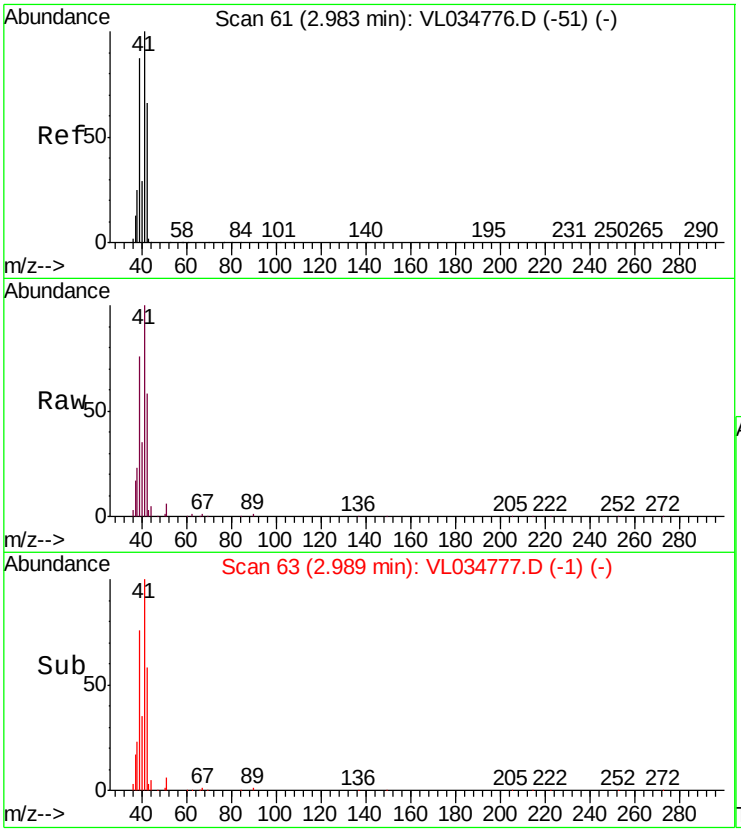


#8
Dichlorotetrafluoroethane
Concen: 2.131 ppbv
RT: 3.17 min Scan# 119
Delta R.T. 0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Tgt Ion: 85 Resp: 339217

Ion	Ratio	Lower	Upper
85	100		
135	64.3	49.4	74.2



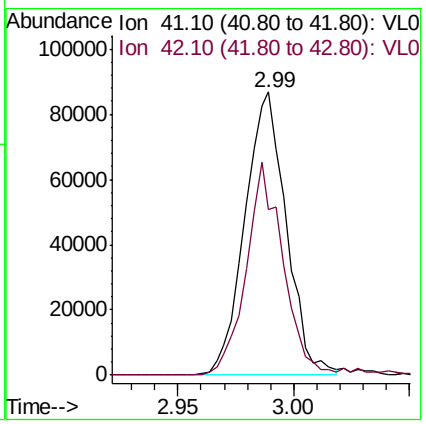


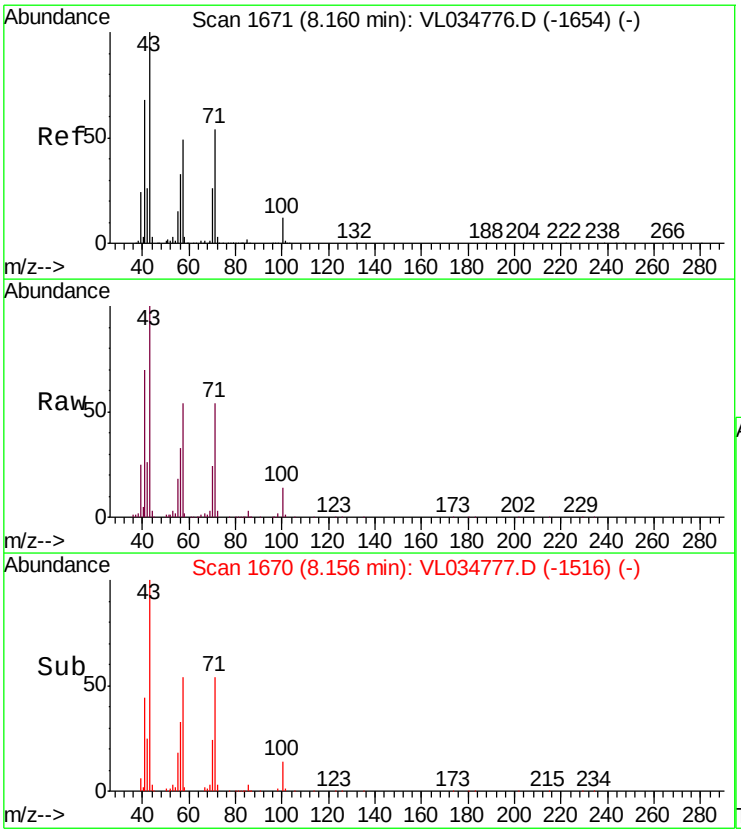
#9
Propene
Concen: 2.098 ppbv
RT: 2.99 min Scan# 63
Delta R.T. 0.01 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 41 Resp: 107892

Ion	Ratio	Lower	Upper
41	100		
42	68.6	55.6	83.4

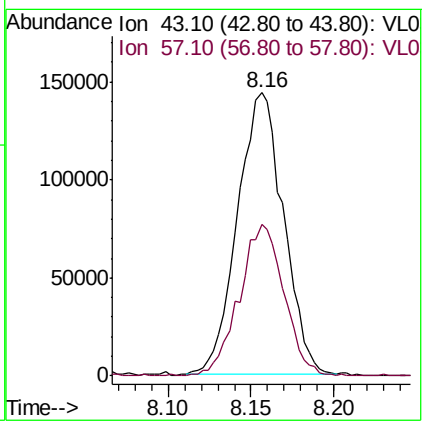


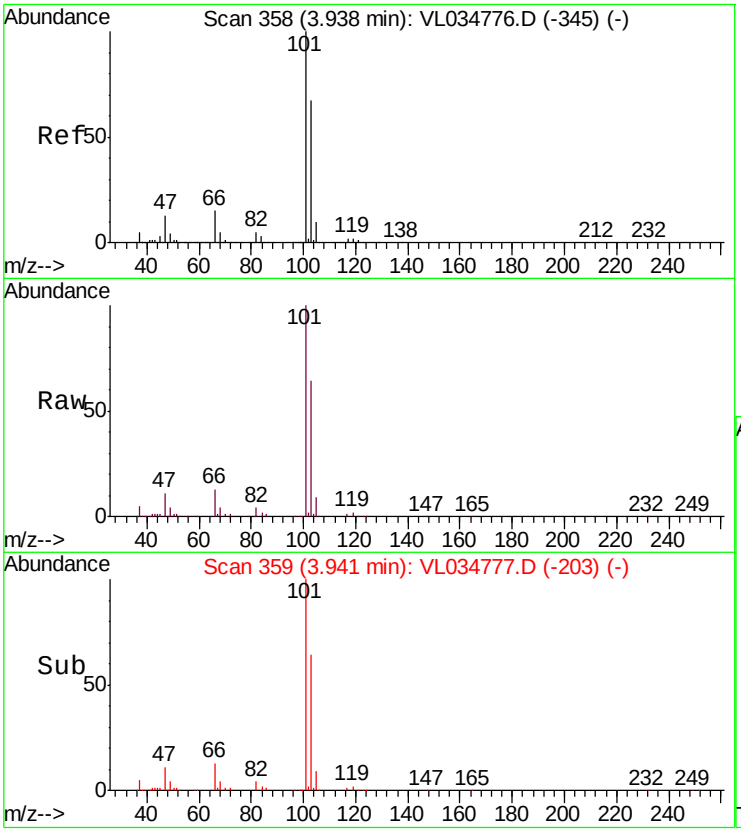


#10
Heptane
Concen: 2.099 ppbv
RT: 8.16 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Tgt Ion: 43 Resp: 278275

Ion	Ratio	Lower	Upper
43	100		
57	52.2	40.5	60.7



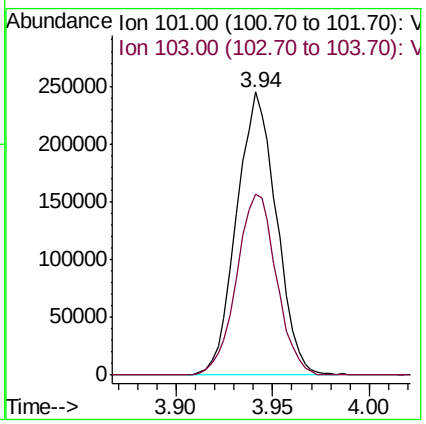


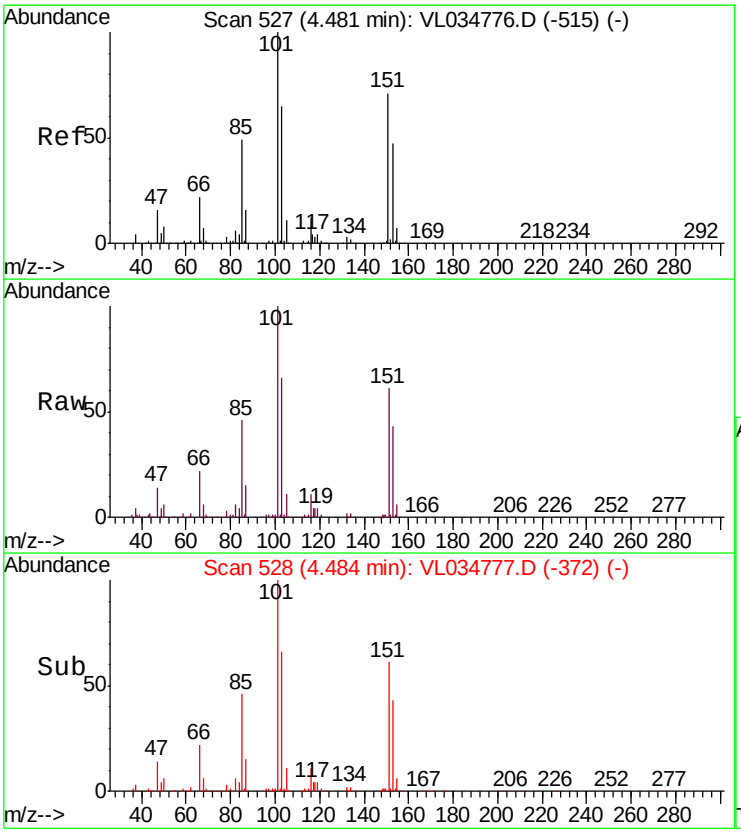
#11
Trichlorofluoromethane
Concen: 2.221 ppbv
RT: 3.94 min Scan# 359
Delta R.T. 0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:101 Resp: 350744

Ion	Ratio	Lower	Upper
101	100		
103	64.1	53.6	80.4

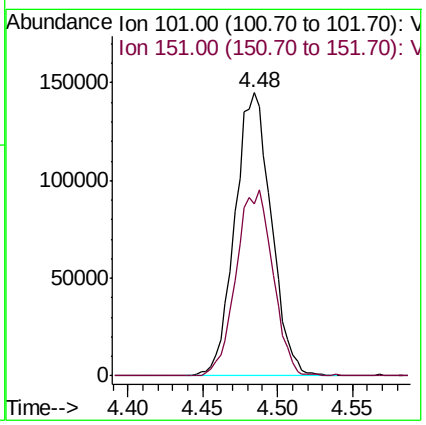


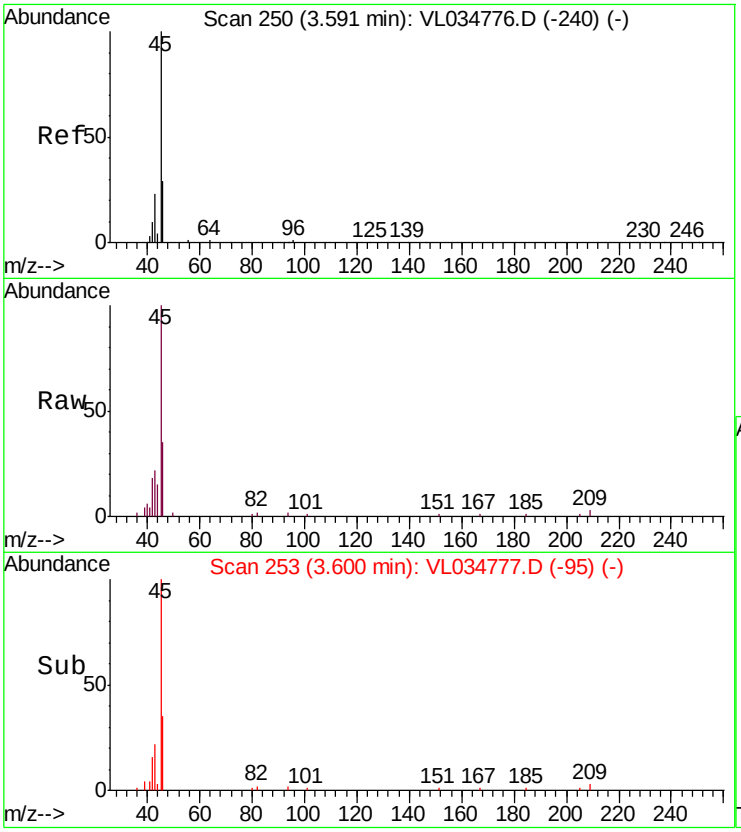


#12
1,1,2-Trichlorotrifluoroethane
Concen: 2.214 ppbv
RT: 4.48 min Scan# 528
Delta R.T. 0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Tgt Ion:101 Resp: 245449

Ion	Ratio	Lower	Upper
101	100		
151	66.4	56.6	85.0



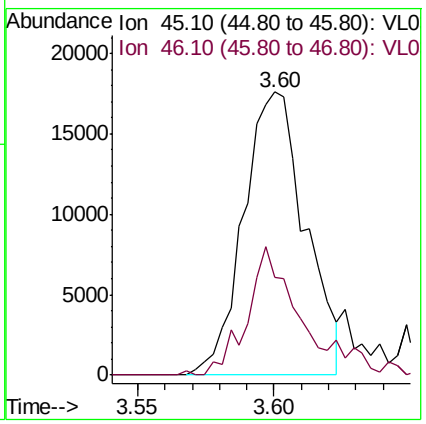


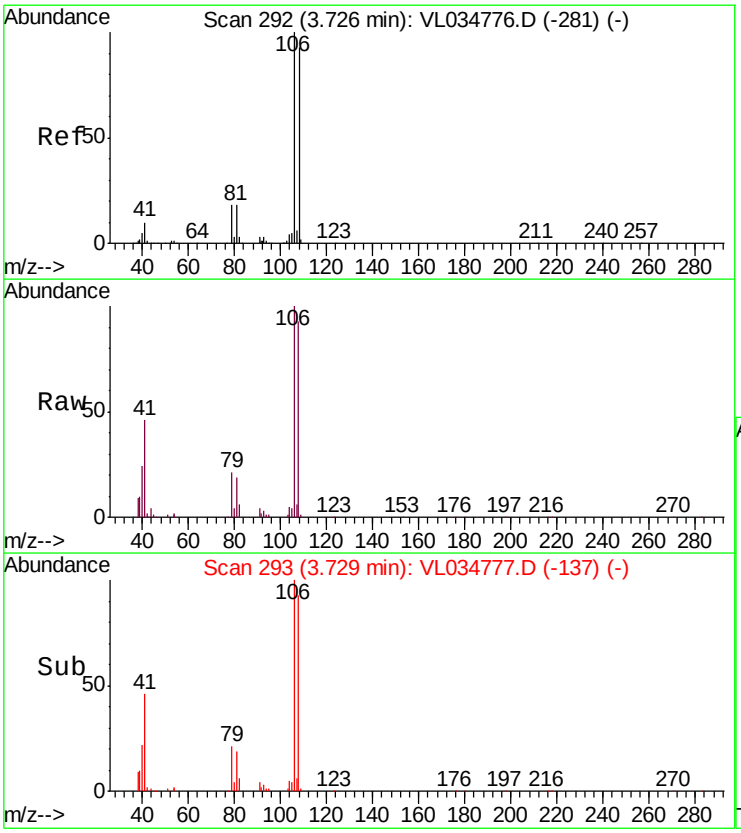
#13
Ethanol
Concen: 1.702 ppbv
RT: 3.60 min Scan# 253
Delta R.T. 0.01 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 45 Resp: 27581

Ion	Ratio	Lower	Upper
45	100		
46	40.6	14.7	58.9

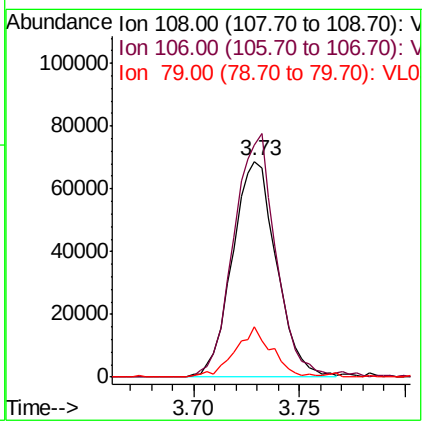


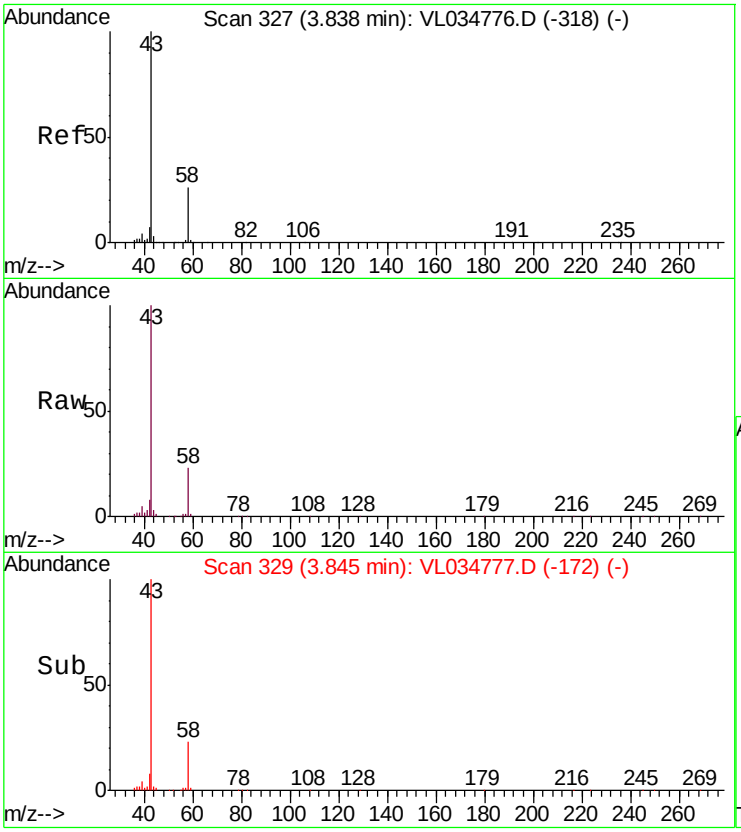


#14
Bromoethene
Concen: 2.137 ppbv
RT: 3.73 min Scan# 293
Delta R.T. 0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Tgt Ion:108 Resp: 99401

Ion	Ratio	Lower	Upper
108	100		
106	109.4	83.5	125.3
79	20.4	15.6	23.4



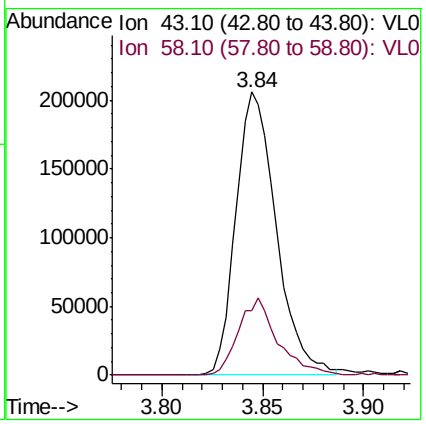


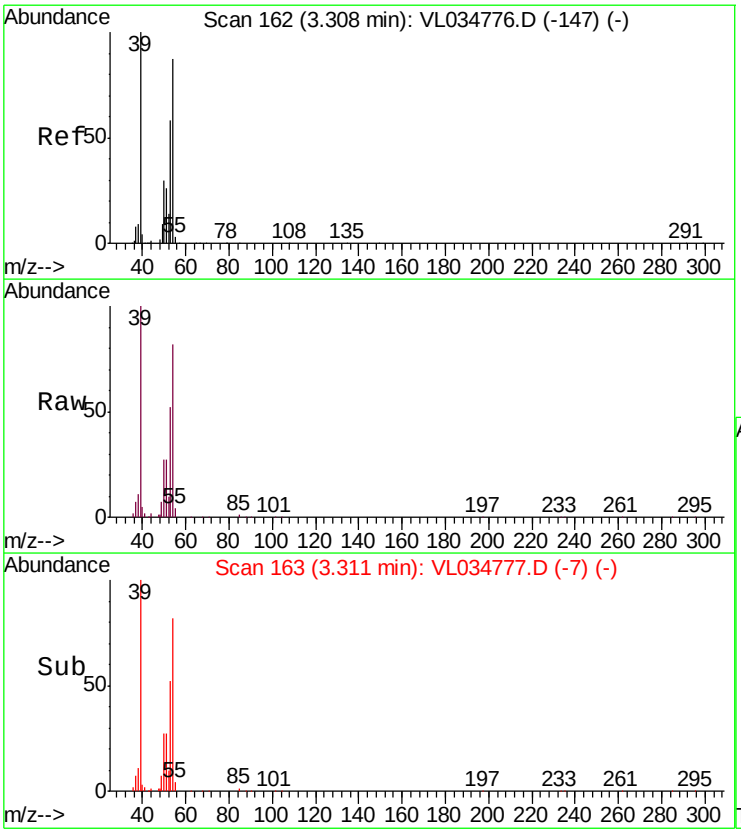
#15
Acetone
Concen: 2.227 ppbv
RT: 3.84 min Scan# 329
Delta R.T. 0.01 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 290296

Ion	Ratio	Lower	Upper
43	100		
58	26.6	21.0	31.6

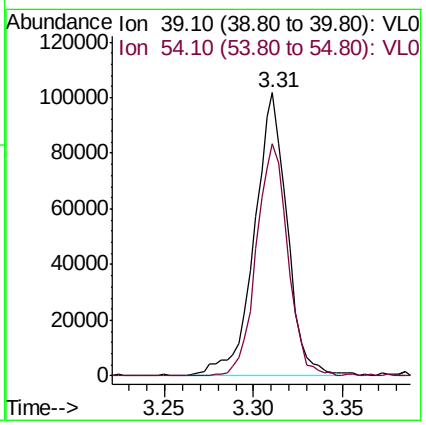


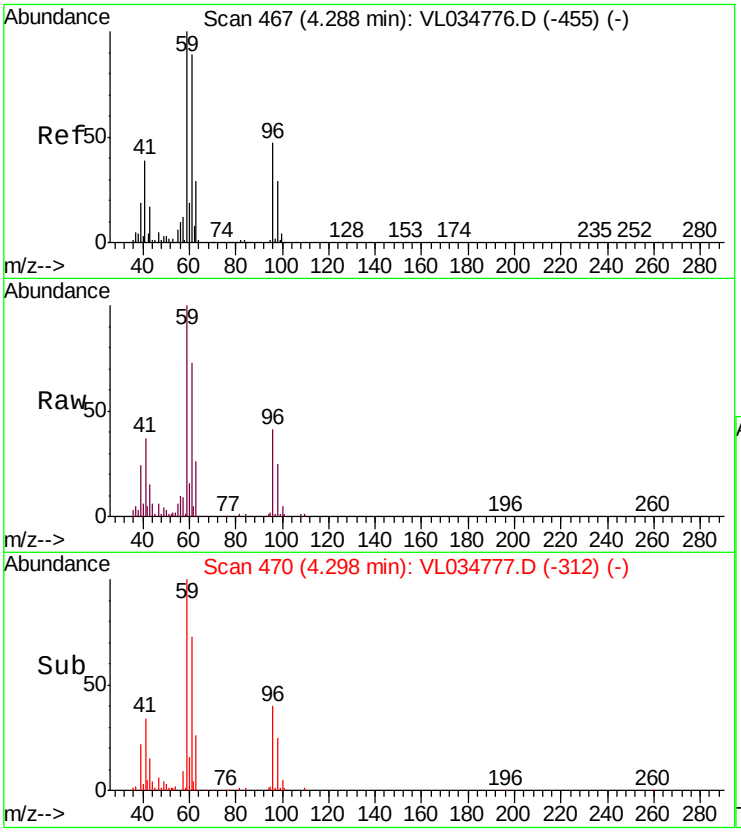


#16
1,3-Butadiene
Concen: 2.160 ppbv
RT: 3.31 min Scan# 163
Delta R.T. 0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Tgt Ion: 39 Resp: 130676

Ion	Ratio	Lower	Upper
39	100		
54	79.2	64.2	96.2



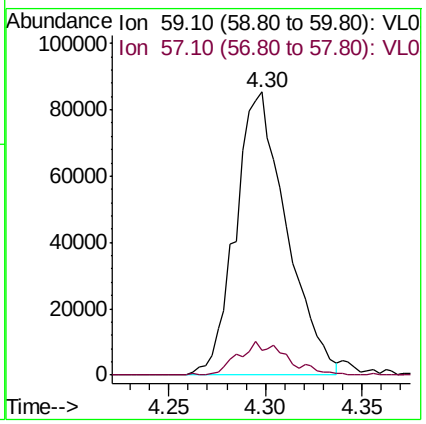


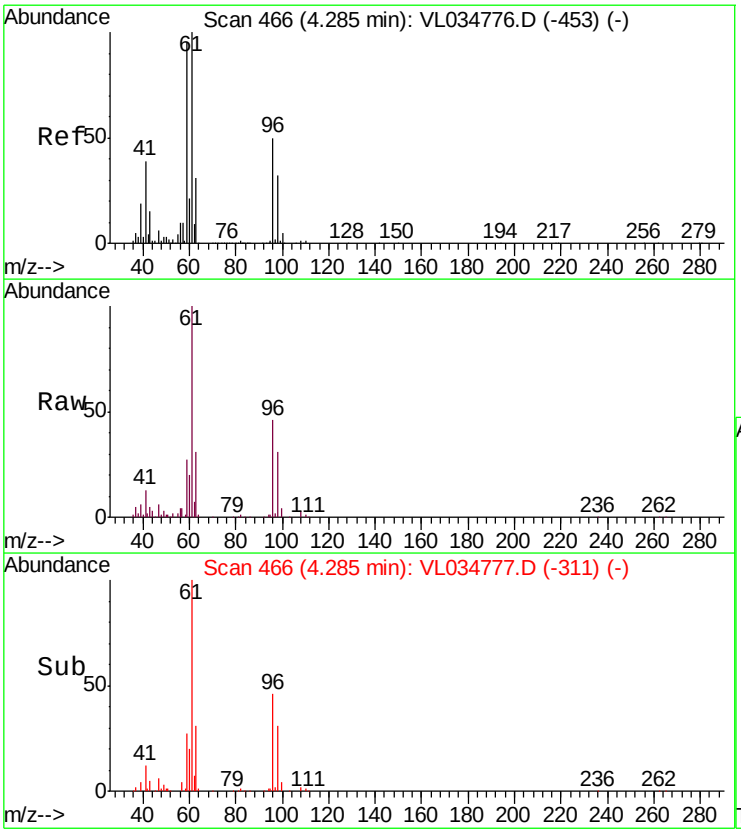
#17
tert-Butyl alcohol
Concen: 1.563 ppbv
RT: 4.30 min Scan# 470
Delta R.T. 0.01 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 59 Resp: 156234

Ion	Ratio	Lower	Upper
59	100		
57	11.4	8.6	13.0

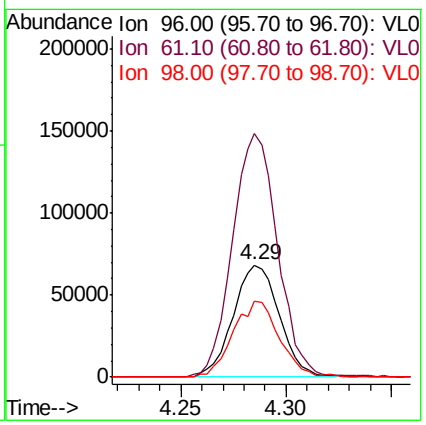


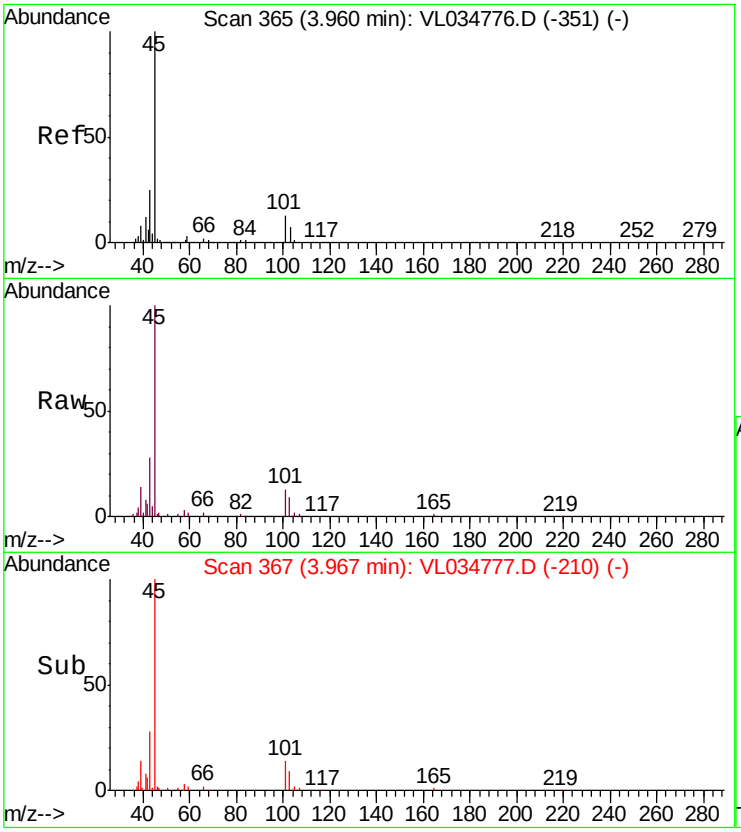


#18
1,1-Dichloroethene
Concen: 2.059 ppbv
RT: 4.29 min Scan# 466
Delta R.T. -0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Tgt Ion: 96 Resp: 102528

Ion	Ratio	Lower	Upper
96	100		
61	218.8	159.5	239.3
98	68.1	51.1	76.7



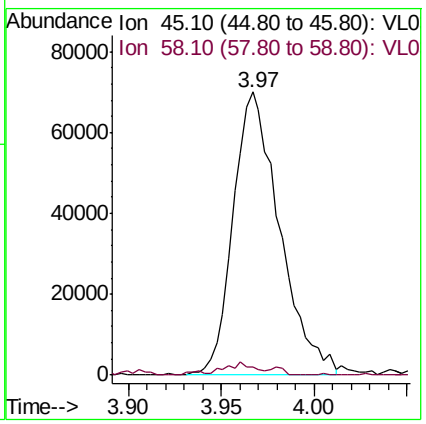


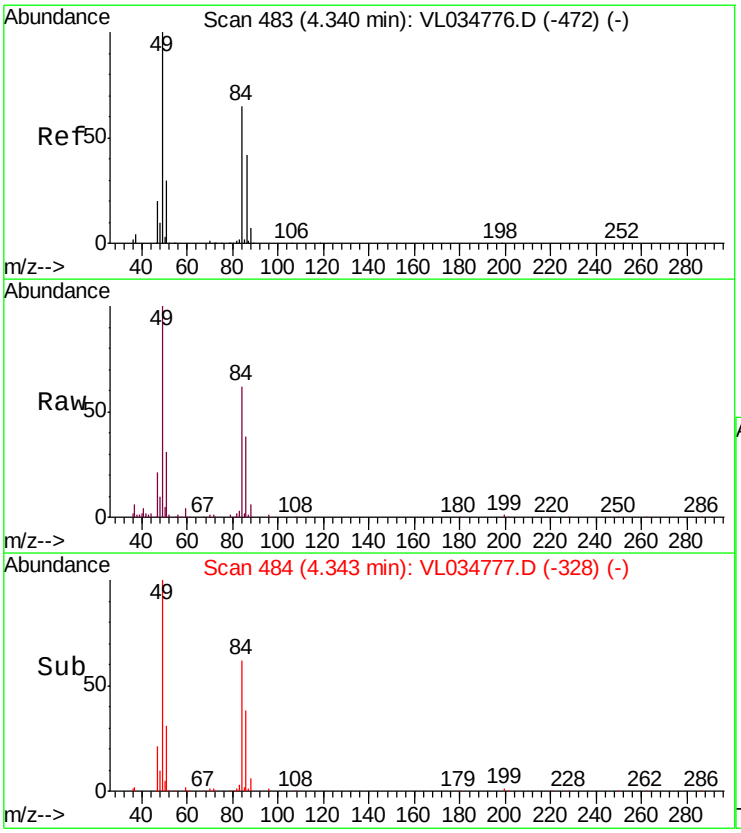
#19
Isopropyl Alcohol
Concen: 1.566 ppbv
RT: 3.97 min Scan# 367
Delta R.T. 0.01 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 45 Resp: 121775

Ion	Ratio	Lower	Upper
45	100		
58	4.9	1.8	2.8#

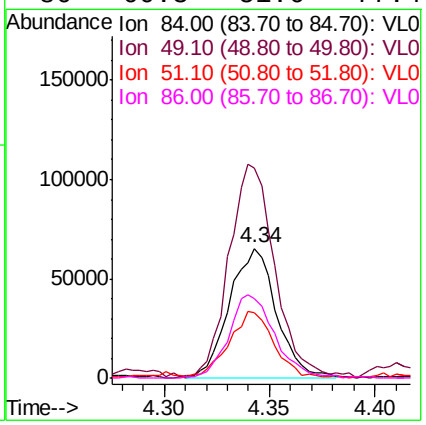


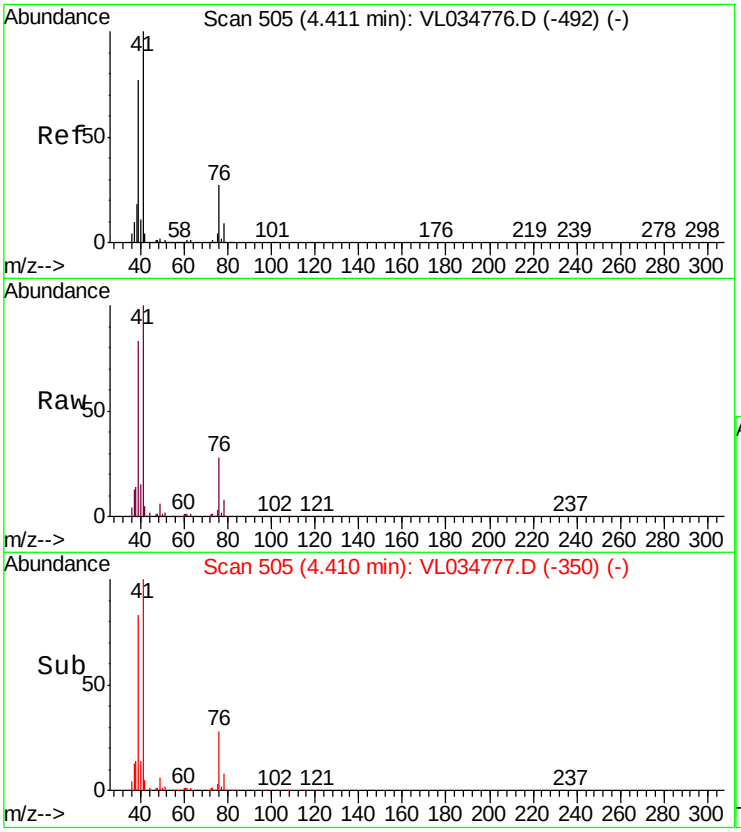


#20
Methylene Chloride
Concen: 2.075 ppbv
RT: 4.34 min Scan# 484
Delta R.T. 0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Tgt Ion: 84 Resp: 100185

Ion	Ratio	Lower	Upper
84	100		
49	160.5	123.2	184.8
51	49.4	37.4	56.2
86	60.3	51.6	77.4



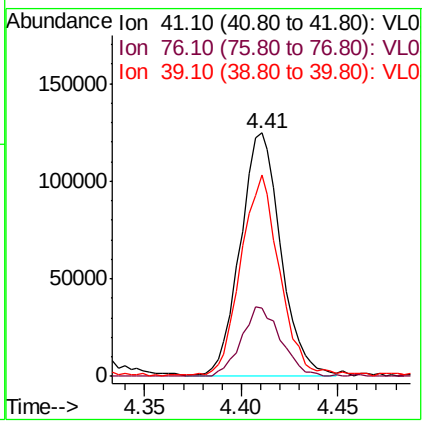


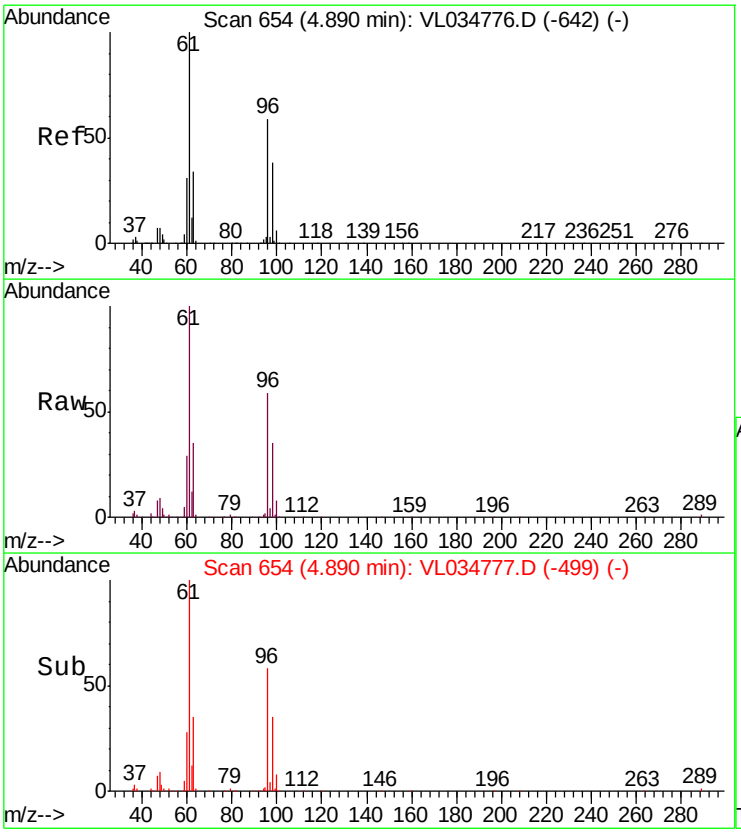
#21
Allyl Chloride
Concen: 2.122 ppbv
RT: 4.41 min Scan# 505
Delta R.T. -0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 41 Resp: 181211

Ion	Ratio	Lower	Upper
41	100		
76	28.2	22.5	33.7
39	81.1	65.0	97.6

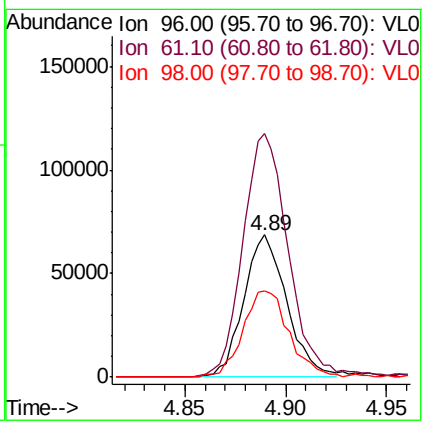


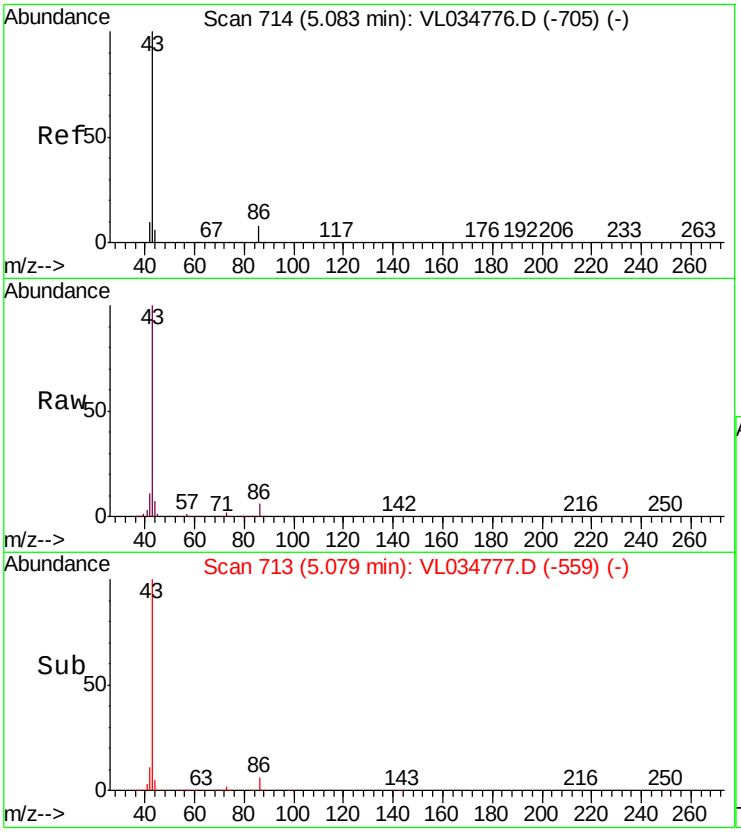


#22
trans-1,2-Dichloroethene
Concen: 2.132 ppbv
RT: 4.89 min Scan# 654
Delta R.T. -0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Tgt Ion: 96 Resp: 102546

Ion	Ratio	Lower	Upper
96	100		
61	170.7	135.2	202.8
98	59.9	50.8	76.2



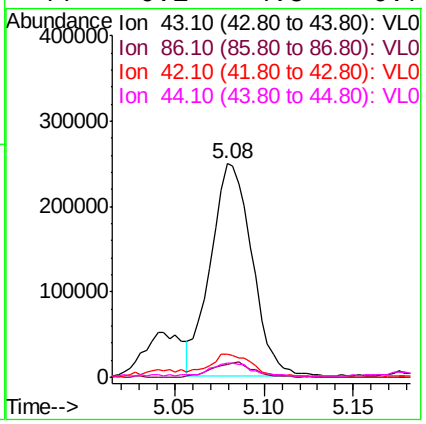


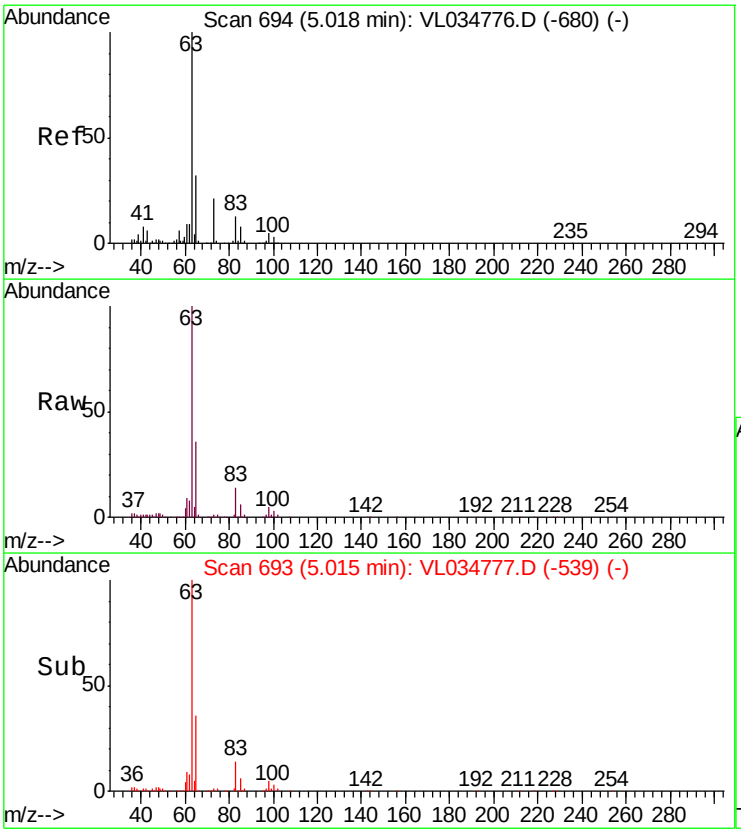
#23
Vinyl Acetate
Concen: 2.261 ppbv
RT: 5.08 min Scan# 713
Delta R.T. -0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 400547

Ion	Ratio	Lower	Upper
43	100		
86	6.1	5.9	8.9
42	10.9	8.2	12.2
44	6.1	4.5	6.7

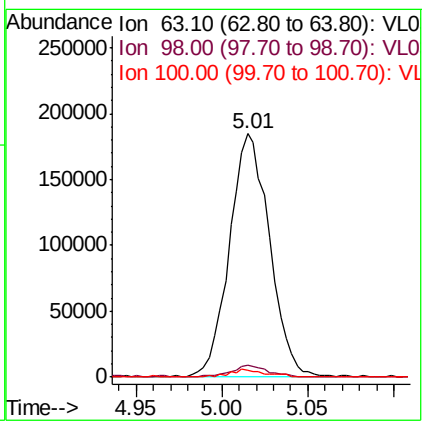


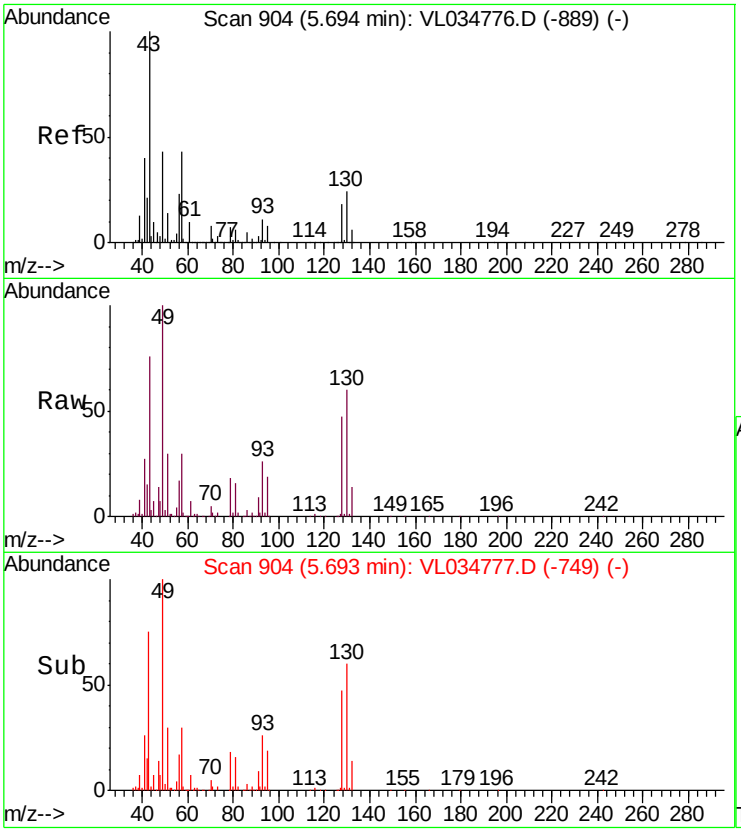


#24
1,1-Dichloroethane
Concen: 2.124 ppbv
RT: 5.01 min Scan# 693
Delta R.T. -0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Tgt Ion: 63 Resp: 299545

Ion	Ratio	Lower	Upper
63	100		
98	4.7	2.3	6.8
100	2.8	1.5	4.4



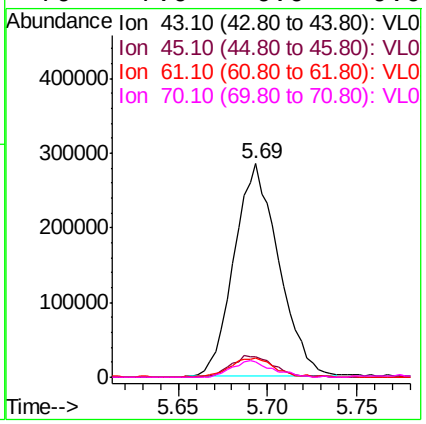


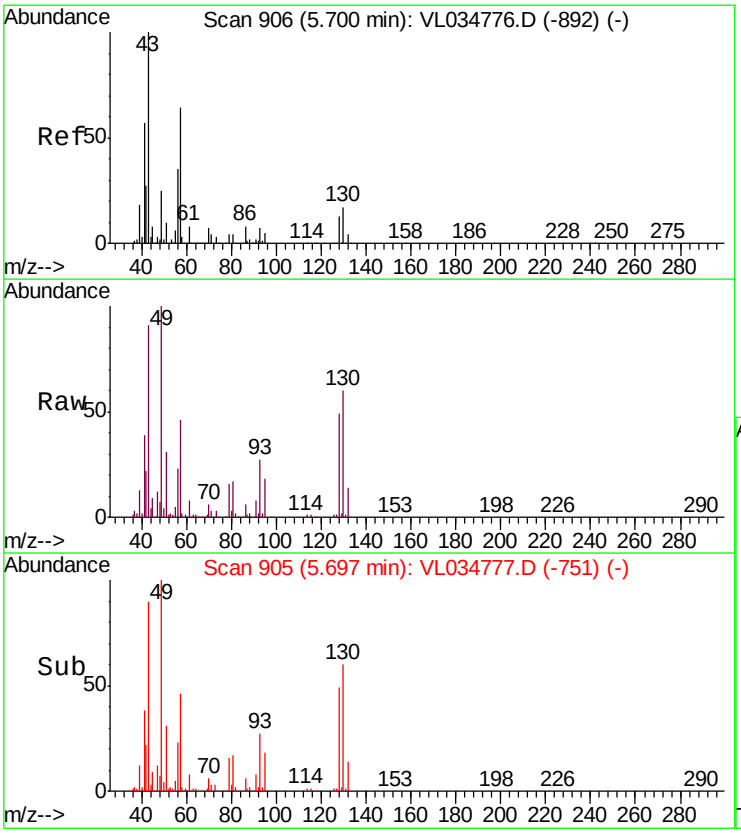
#25
Ethyl Acetate
Concen: 2.160 ppbv
RT: 5.69 min Scan# 904
Delta R.T. -0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 498658

Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.2	12.4
61	9.2	7.5	11.3
70	7.0	6.0	9.0

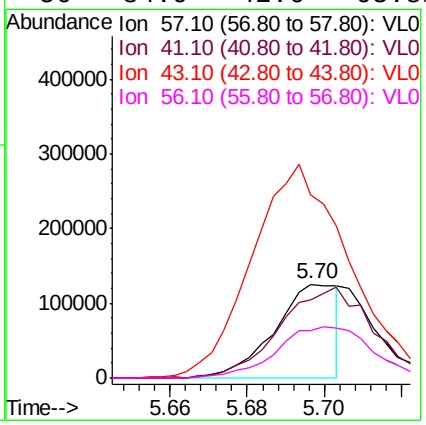


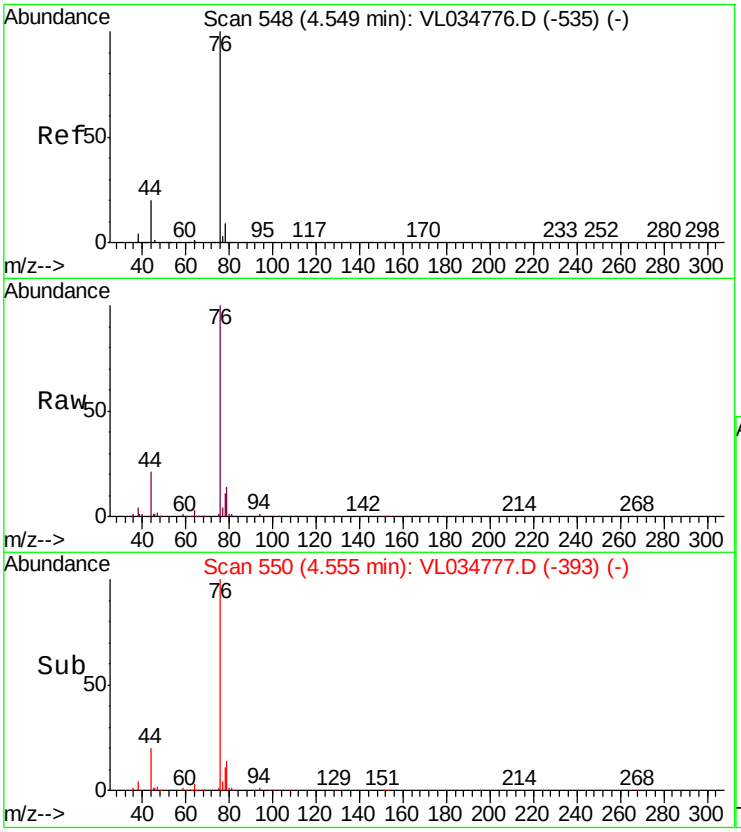


#26
Hexane
Concen: 1.326 ppbv
RT: 5.70 min Scan# 905
Delta R.T. -0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Tgt Ion: 57 Resp: 140648

Ion	Ratio	Lower	Upper
57	100		
41	145.6	72.0	108.0#
43	365.2	179.1	268.7#
56	84.9	42.6	63.8#



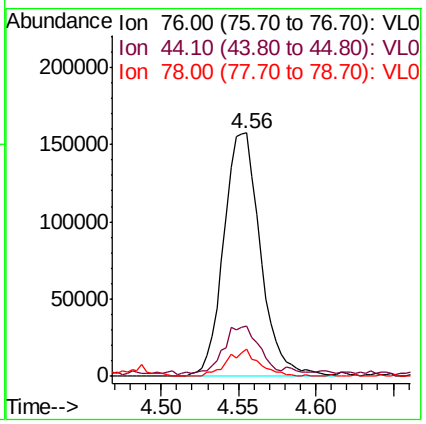


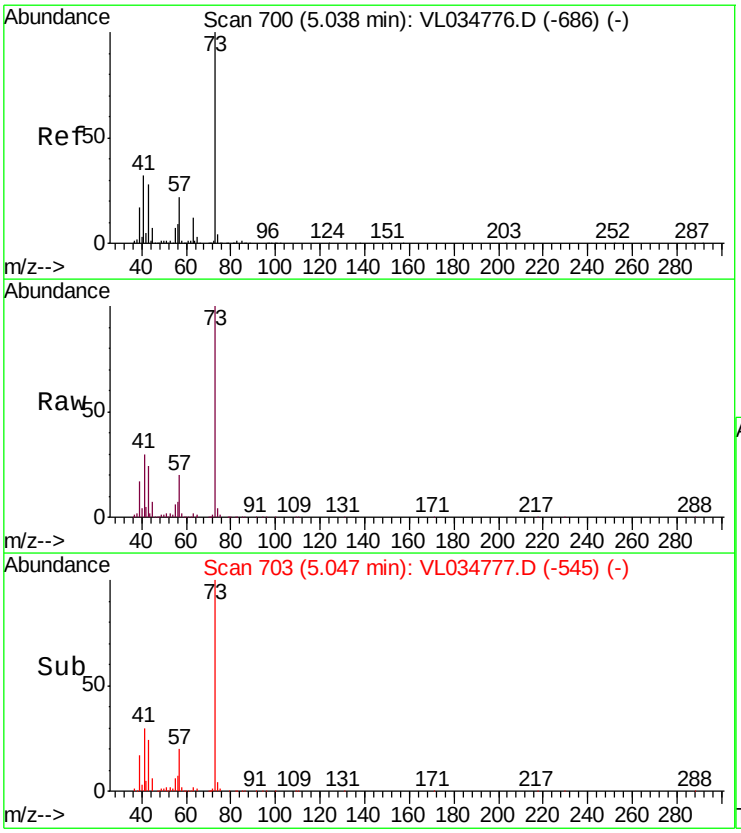
#27
Carbon Disulfide
Concen: 2.165 ppbv
RT: 4.56 min Scan# 550
Delta R.T. 0.01 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 76 Resp: 258013

Ion	Ratio	Lower	Upper
76	100		
44	21.9	16.1	24.1
78	9.7	7.5	11.3

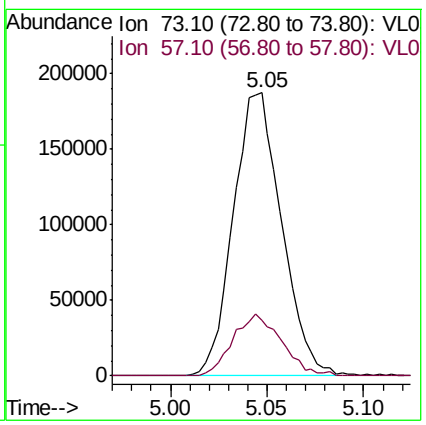


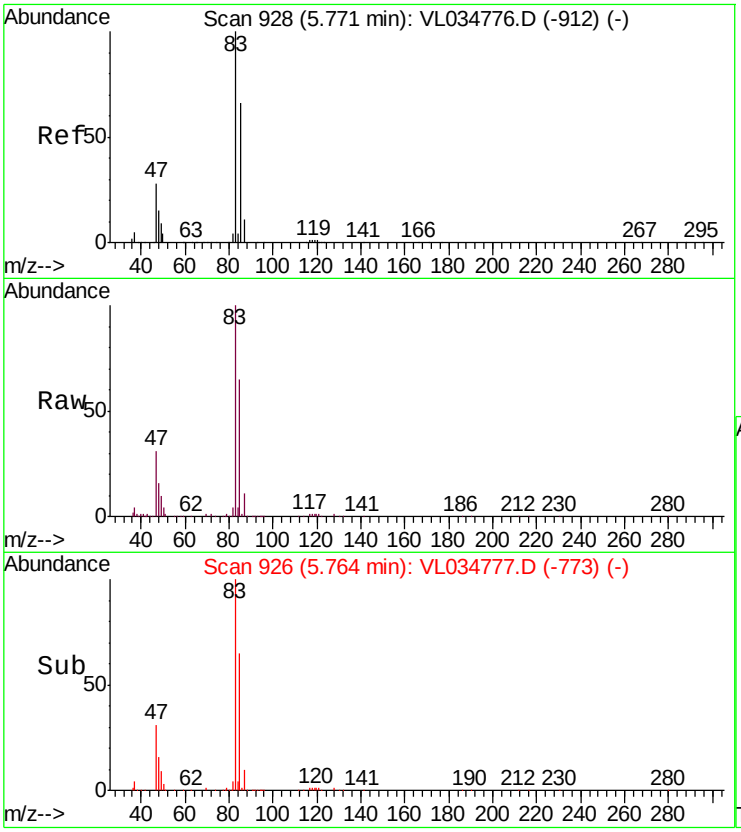


#28
Methyl tert-Butyl Ether
Concen: 2.150 ppbv
RT: 5.05 min Scan# 703
Delta R.T. 0.01 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Tgt Ion: 73 Resp: 325362

Ion	Ratio	Lower	Upper
73	100		
57	22.2	18.5	27.7



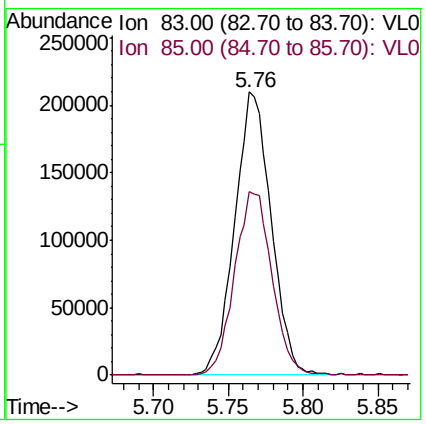


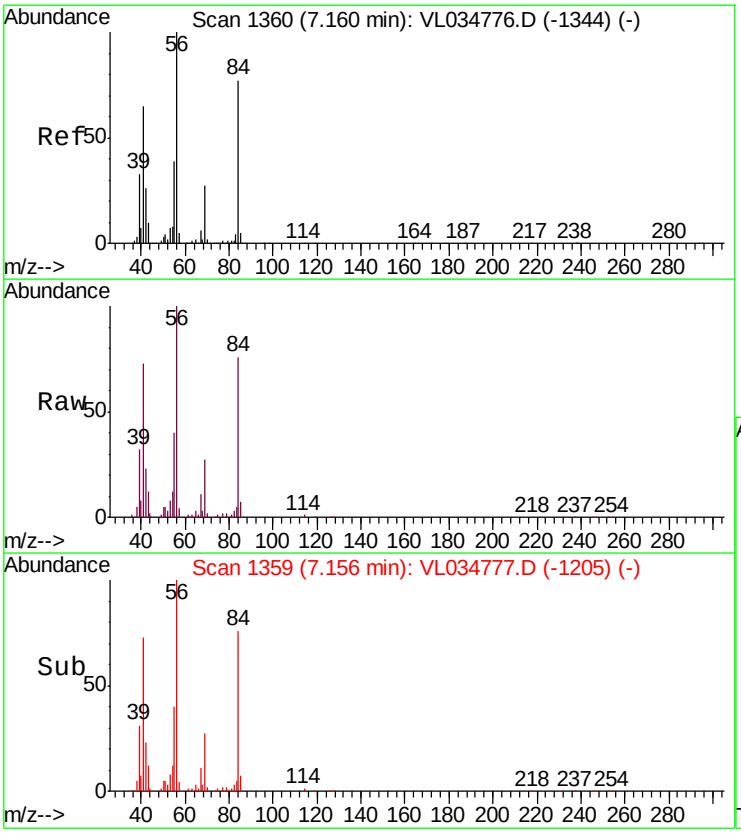
#29
Chloroform
Concen: 2.101 ppbv
RT: 5.76 min Scan# 926
Delta R.T. -0.01 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 83 Resp: 355356

Ion	Ratio	Lower	Upper
83	100		
85	64.8	53.0	79.4

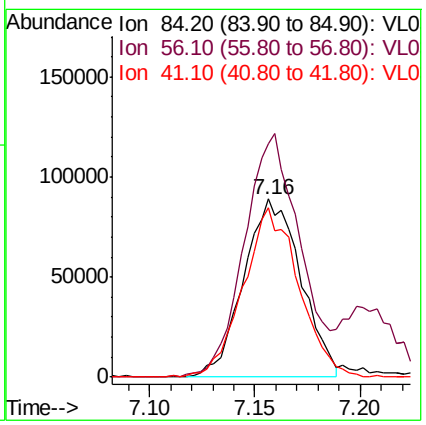


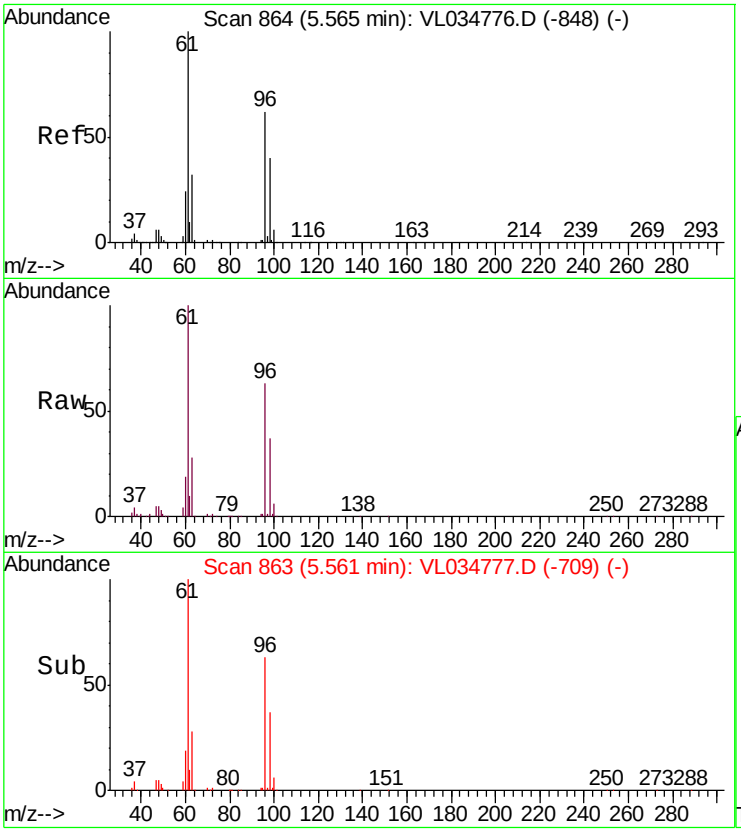


#30
Cyclohexane
Concen: 2.034 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Tgt Ion: 84 Resp: 167424

Ion	Ratio	Lower	Upper
84	100		
56	171.7	113.2	169.8#
41	92.8	70.2	105.4



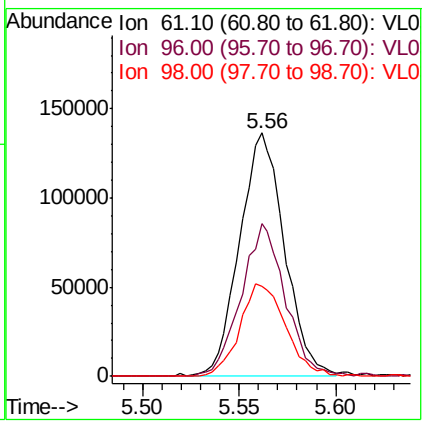


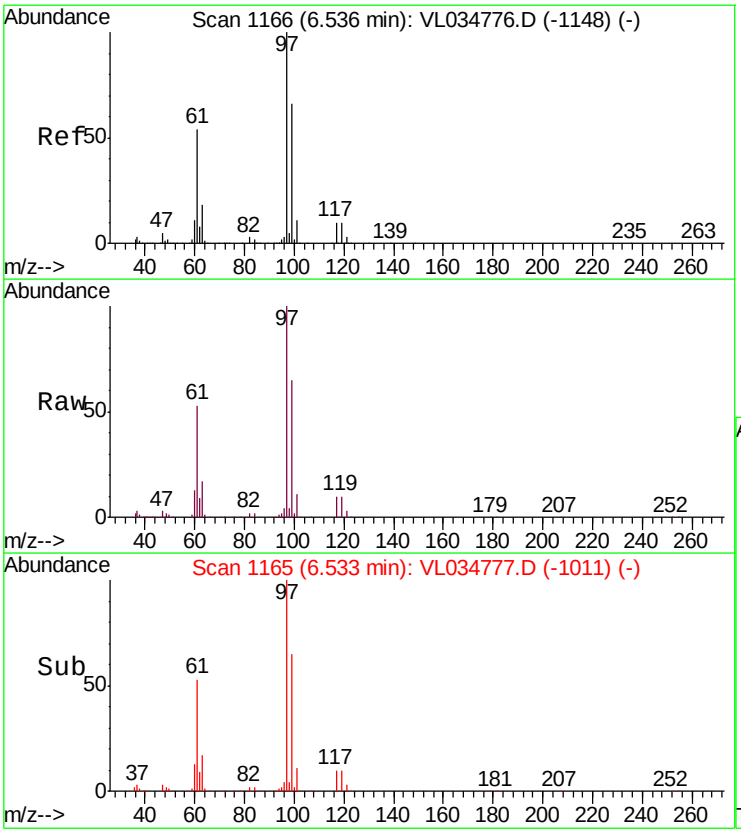
#31
cis-1,2-Dichloroethene
Concen: 2.086 ppbv
RT: 5.56 min Scan# 863
Delta R.T. -0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 61 Resp: 217977

Ion	Ratio	Lower	Upper
61	100		
96	62.9	49.7	74.5
98	37.2	31.9	47.9

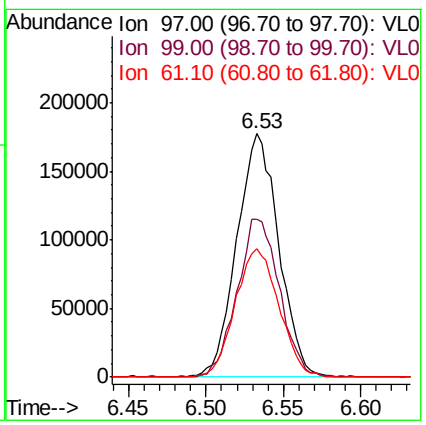


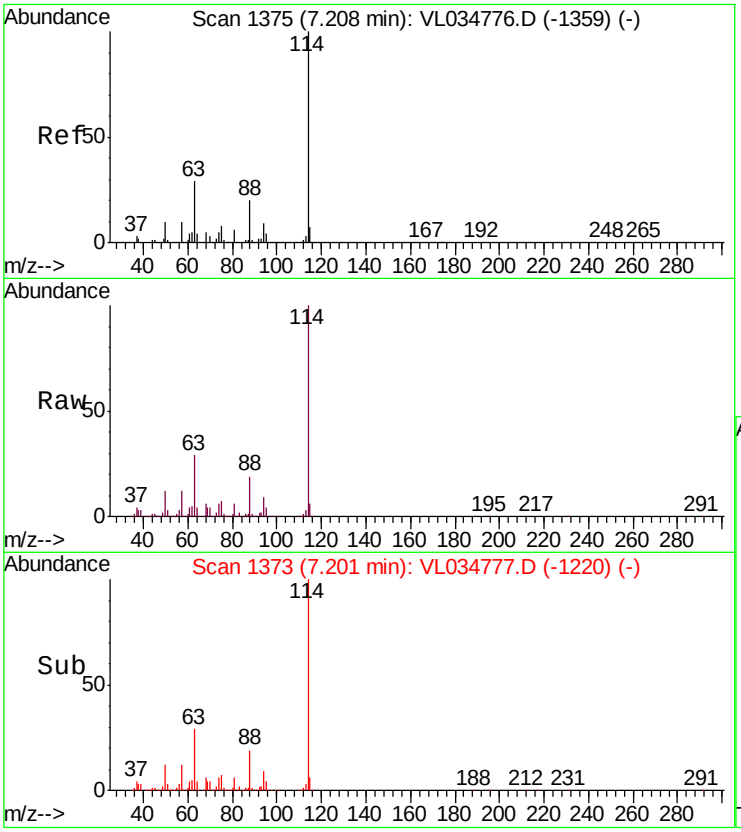


#32
1,1,1-Trichloroethane
Concen: 2.105 ppbv
RT: 6.53 min Scan# 1165
Delta R.T. -0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Tgt Ion: 97 Resp: 333844

Ion	Ratio	Lower	Upper
97	100		
99	65.7	51.7	77.5
61	55.3	43.4	65.0



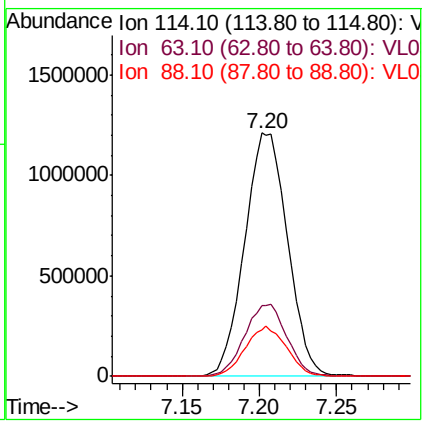


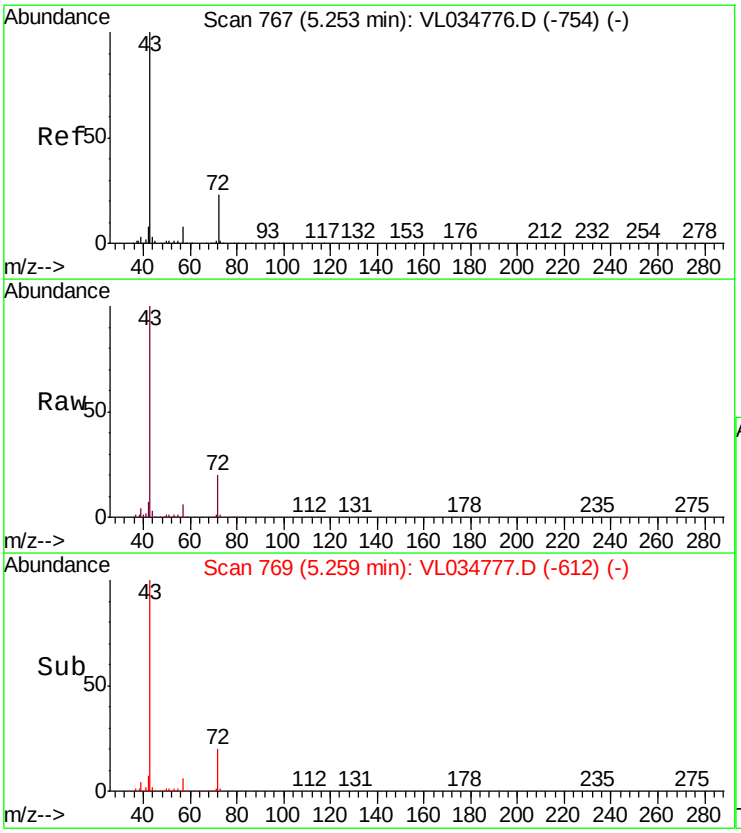
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1373
Delta R.T. -0.01 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:114 Resp: 2342737

Ion	Ratio	Lower	Upper
114	100		
63	29.3	23.6	35.4
88	19.8	15.8	23.8

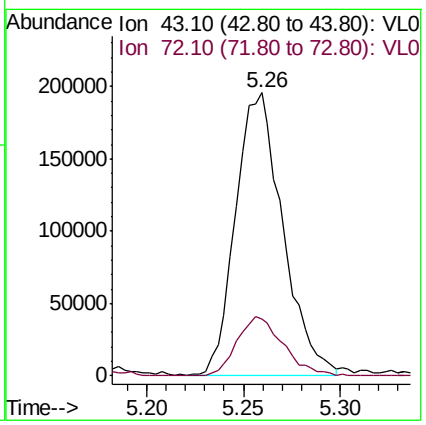


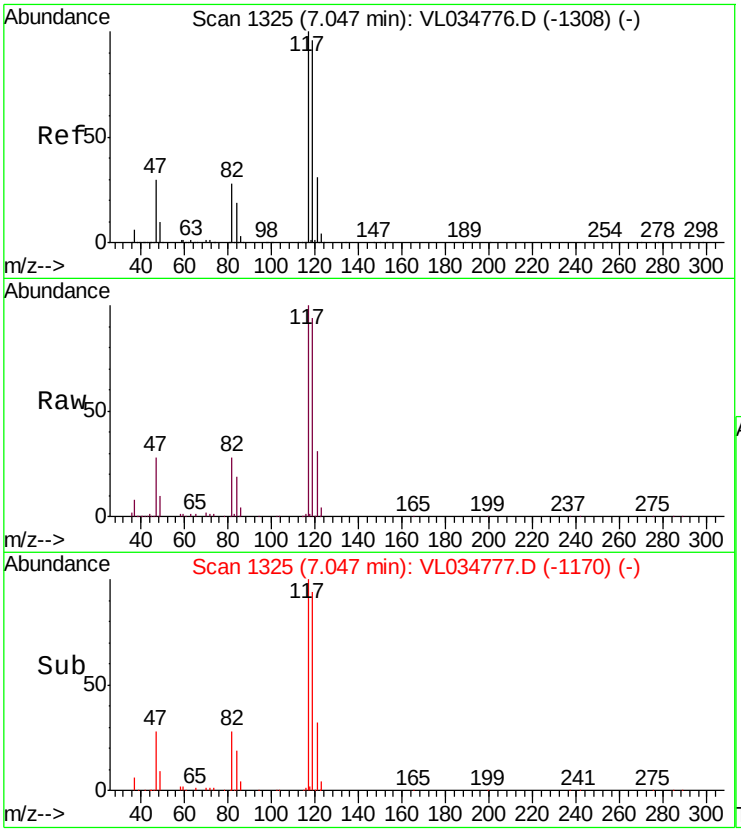


#34
2-Butanone
Concen: 2.248 ppbv
RT: 5.26 min Scan# 769
Delta R.T. 0.01 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Tgt Ion: 43 Resp: 332591

Ion	Ratio	Lower	Upper
43	100		
72	20.7	17.5	26.3



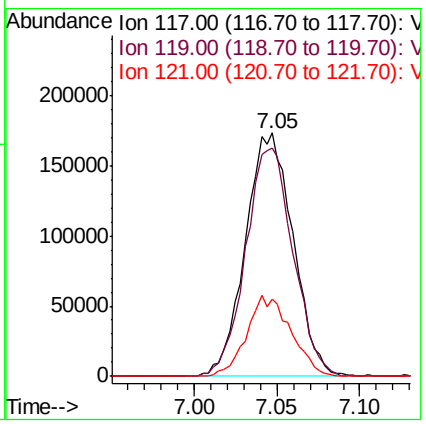


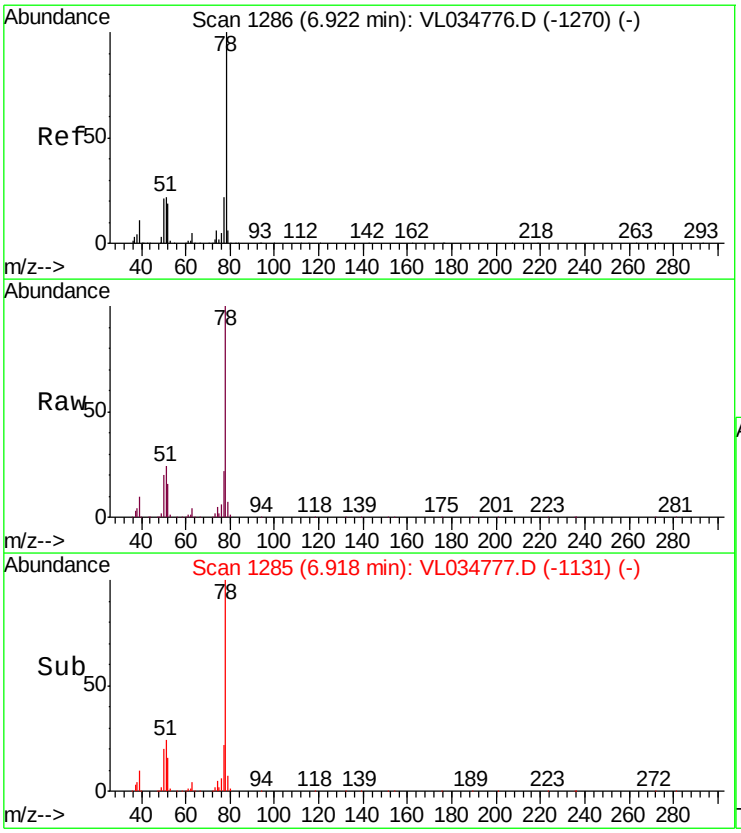
#35
Carbon Tetrachloride
Concen: 2.204 ppbv
RT: 7.05 min Scan# 1325
Delta R.T. -0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:117 Resp: 346122

Ion	Ratio	Lower	Upper
117	100		
119	93.8	76.8	115.2
121	31.5	24.6	37.0

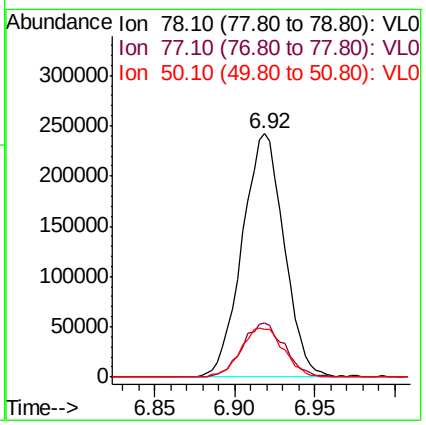


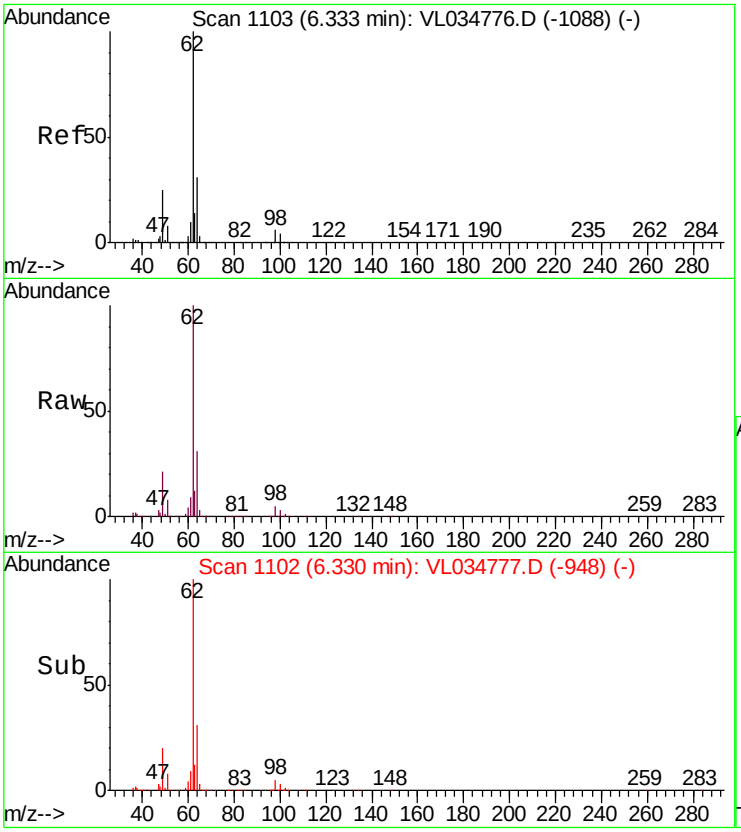


#36
Benzene
Concen: 2.143 ppbv
RT: 6.92 min Scan# 1285
Delta R.T. -0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Tgt Ion: 78 Resp: 432670

Ion	Ratio	Lower	Upper
78	100		
77	22.0	18.0	27.0
50	19.5	16.9	25.3



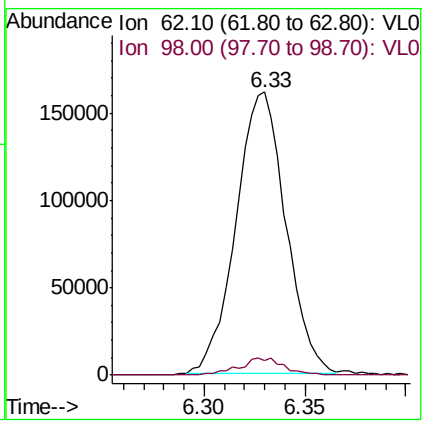


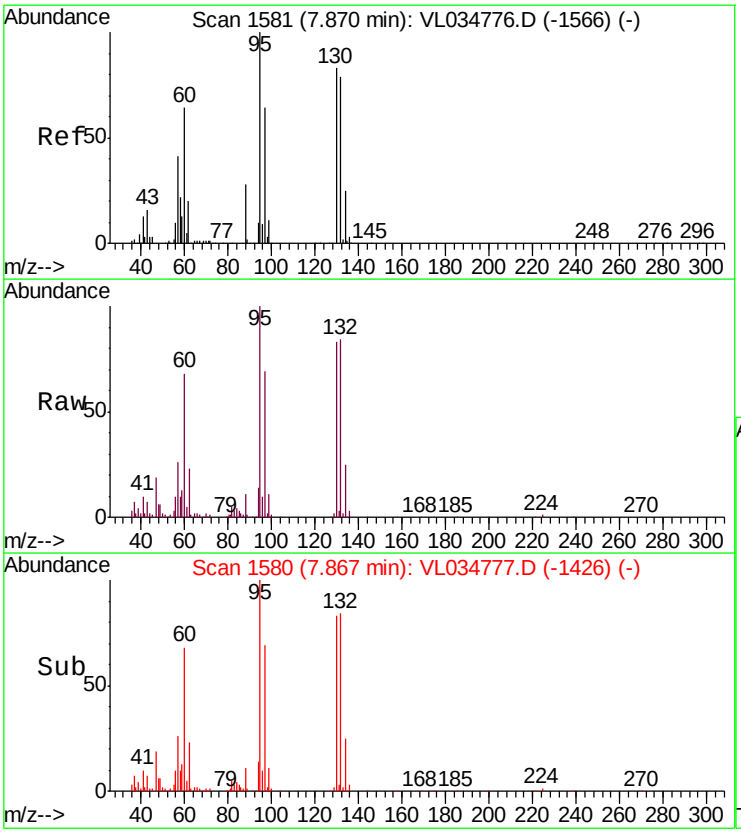
#37
1,2-Dichloroethane
Concen: 2.168 ppbv
RT: 6.33 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 62 Resp: 278543

Ion	Ratio	Lower	Upper
62	100		
98	5.5	4.4	6.6

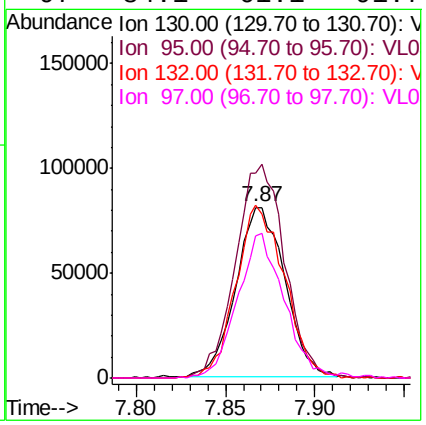


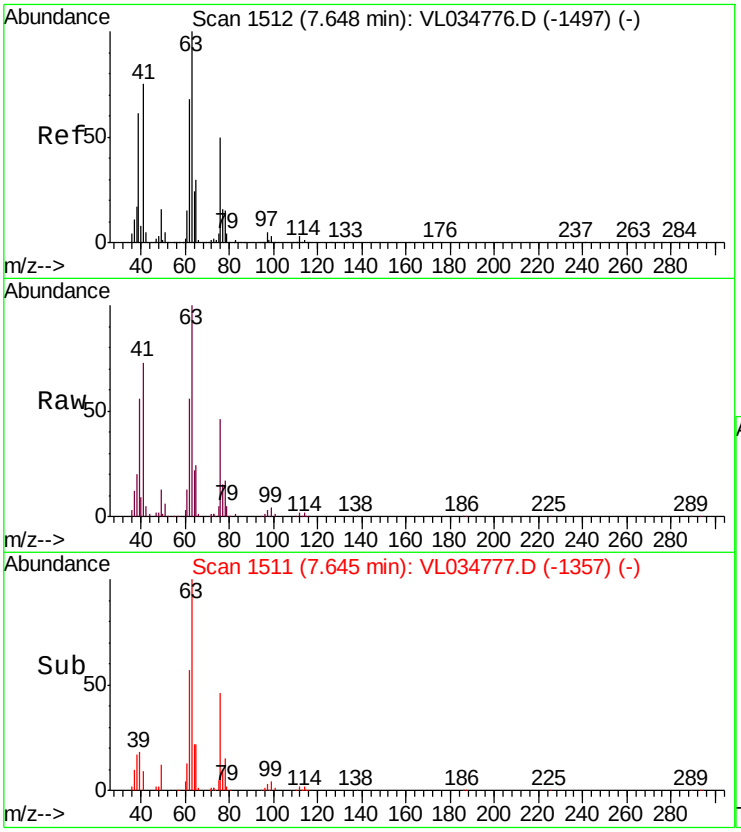


#38
Trichloroethene
Concen: 1.982 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. -0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Tgt Ion:130 Resp: 154521

Ion	Ratio	Lower	Upper
130	100		
95	120.7	95.8	143.8
132	101.3	76.1	114.1
97	84.1	61.1	91.7



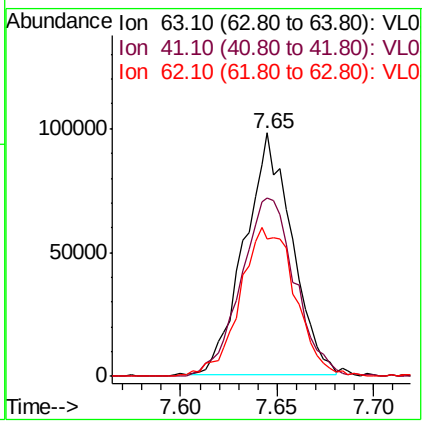


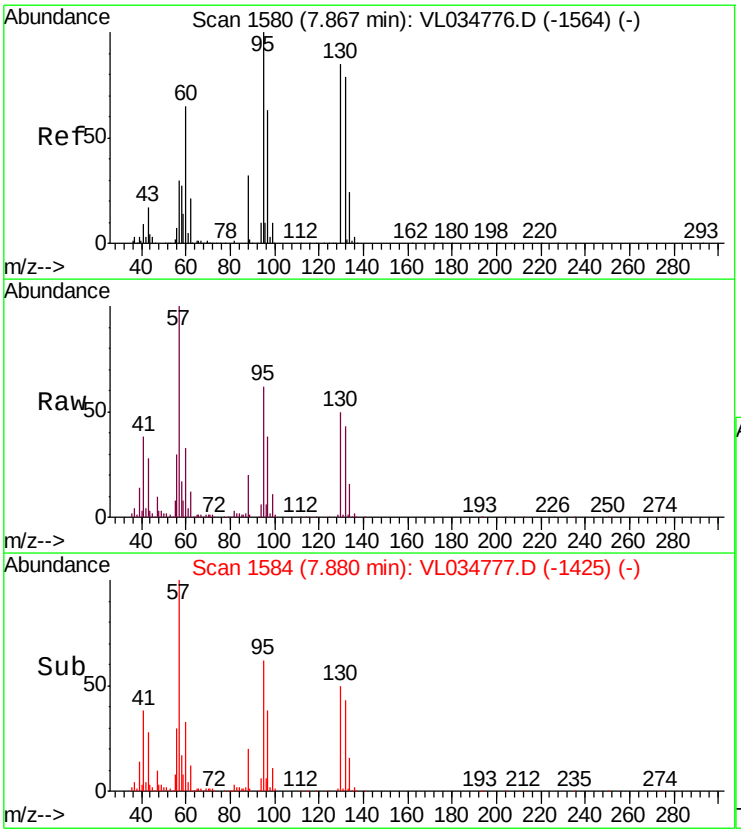
#39
1,2-Dichloropropane
Concen: 2.066 ppbv
RT: 7.65 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 63 Resp: 165556

Ion	Ratio	Lower	Upper
63	100		
41	73.6	60.3	90.5
62	56.2	54.5	81.7

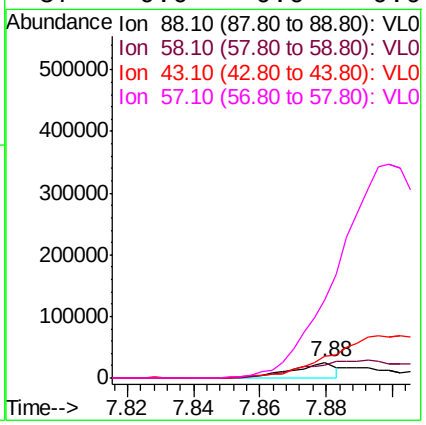


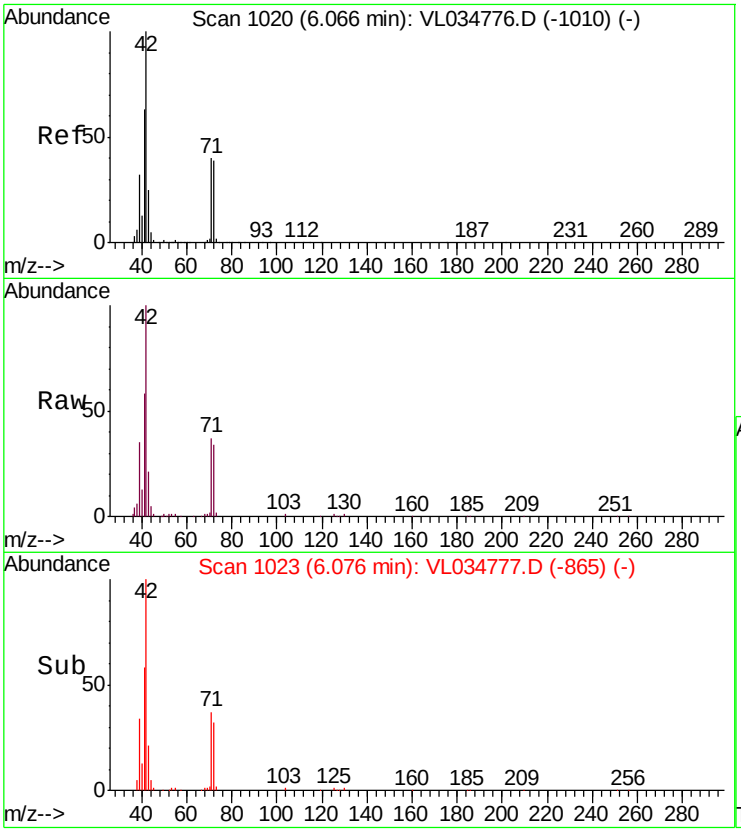


#40
1,4-Dioxane
Concen: 0.849 ppbv
RT: 7.88 min Scan# 1584
Delta R.T. 0.01 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Tgt Ion: 88 Resp: 23124

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



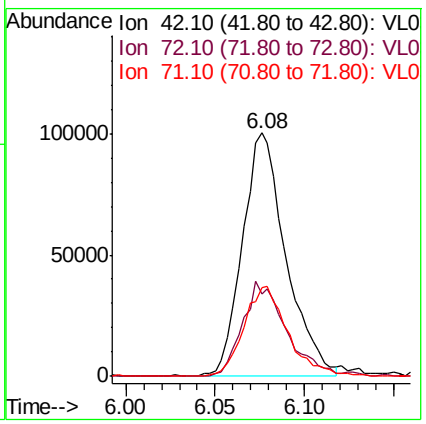


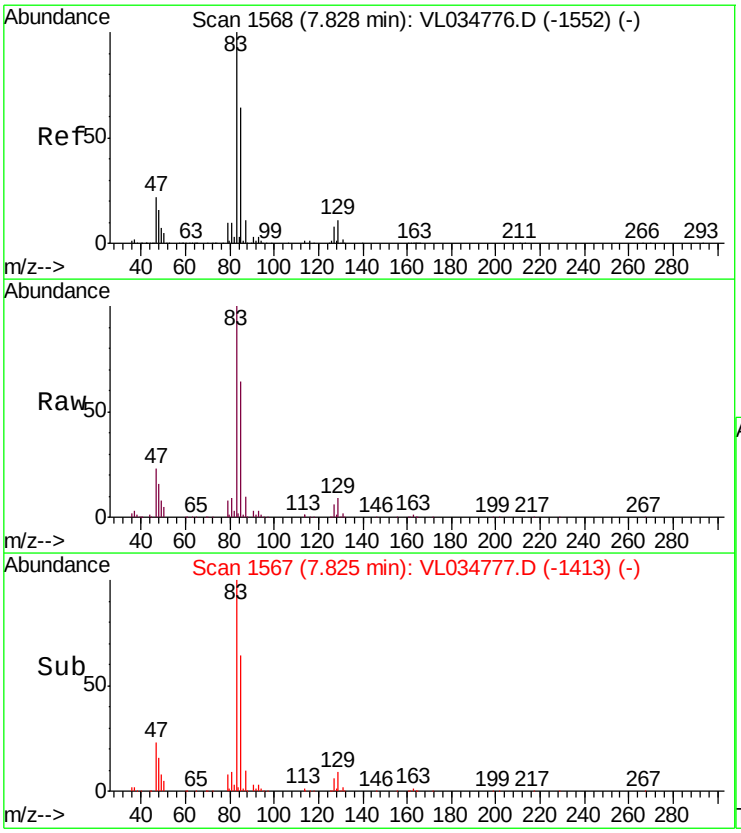
#41
Tetrahydrofuran
Concen: 2.208 ppbv
RT: 6.08 min Scan# 1023
Delta R.T. 0.01 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 42 Resp: 171178

Ion	Ratio	Lower	Upper
42	100		
72	39.4	32.0	48.0
71	37.4	31.3	46.9

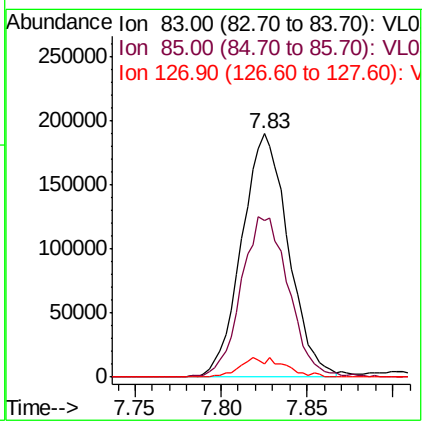


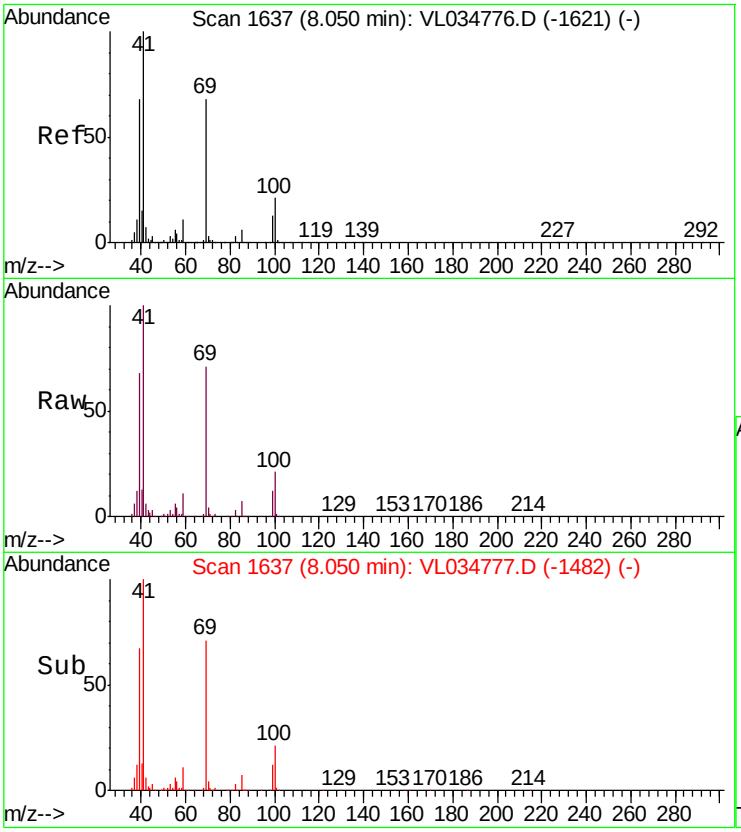


#42
Bromodichloromethane
Concen: 2.129 ppbv
RT: 7.83 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Tgt Ion: 83 Resp: 357658

Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.8	76.2
127	5.6	6.5	9.7#



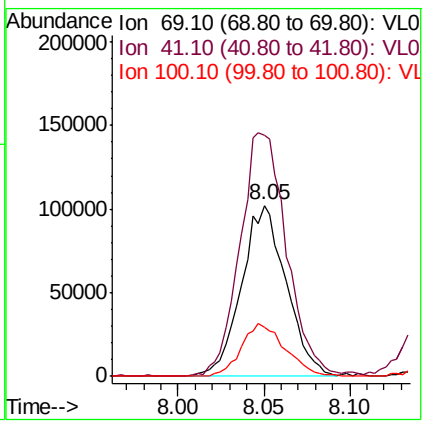


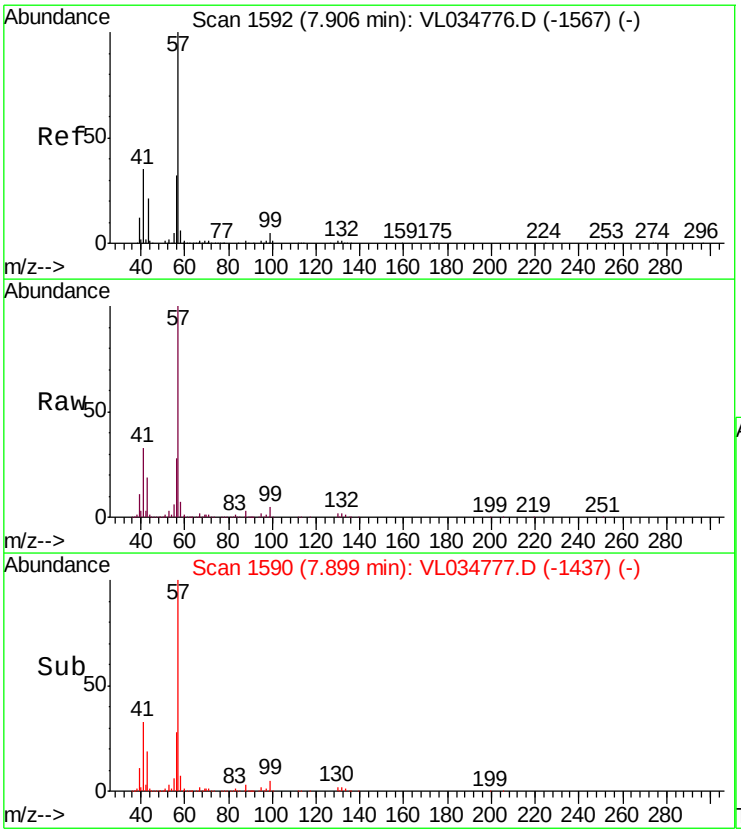
#43
Methyl Methacrylate
Concen: 2.179 ppbv
RT: 8.05 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 69 Resp: 184917

Ion	Ratio	Lower	Upper
69	100		
41	148.7	121.6	182.4
100	30.4	23.8	35.8

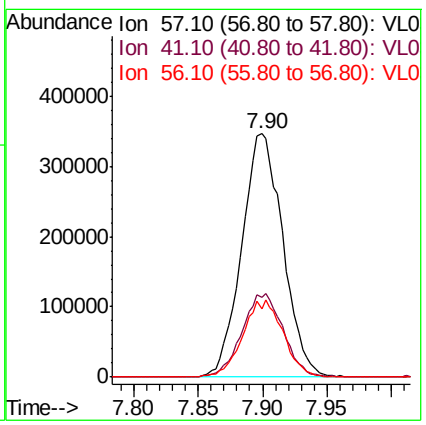


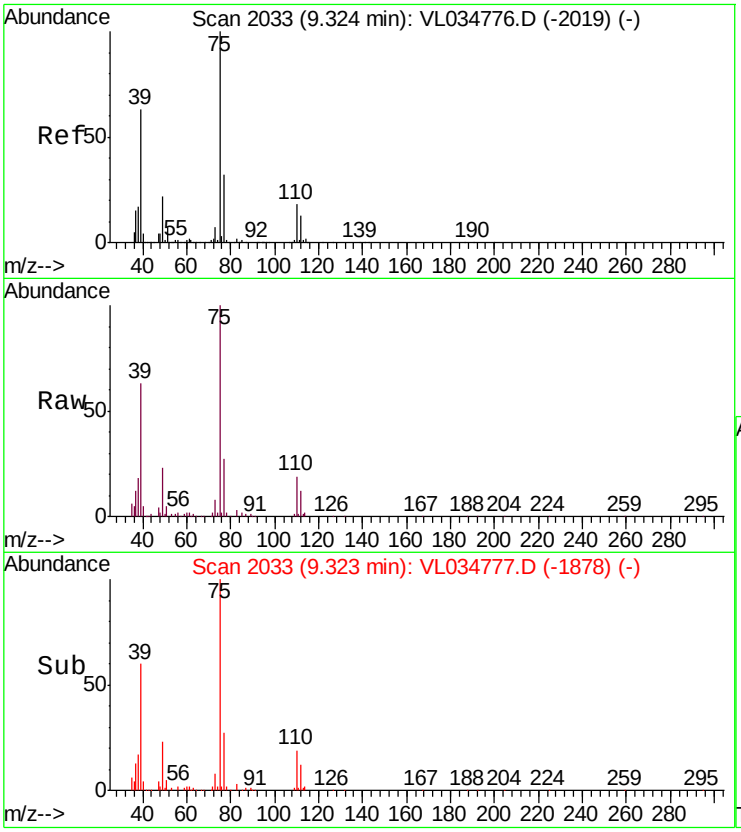


#44
2,2,4-Trimethylpentane
Concen: 2.179 ppbv
RT: 7.90 min Scan# 1590
Delta R.T. -0.01 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Tgt Ion: 57 Resp: 769020

Ion	Ratio	Lower	Upper
57	100		
41	34.7	27.4	41.0
56	31.3	25.0	37.6



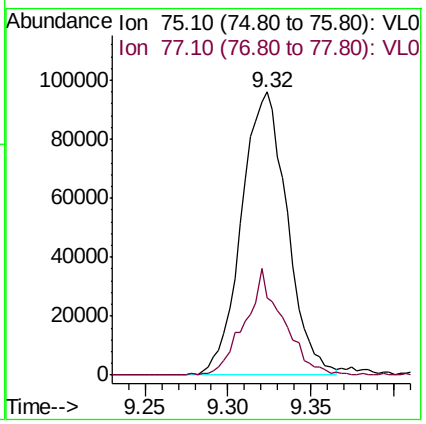


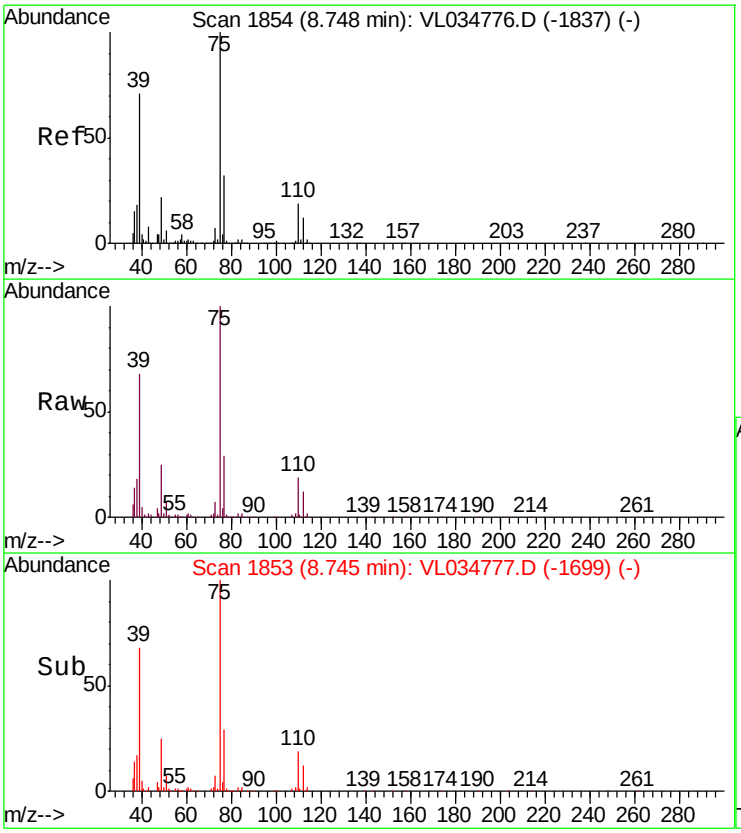
#45
t-1,3-Dichloropropene
Concen: 2.005 ppbv
RT: 9.32 min Scan# 2033
Delta R.T. -0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 75 Resp: 184720

Ion	Ratio	Lower	Upper
75	100		
77	27.3	25.6	38.4

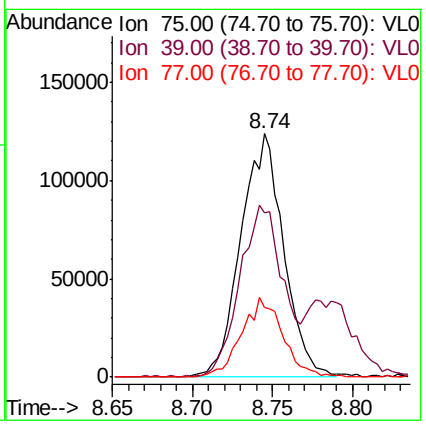


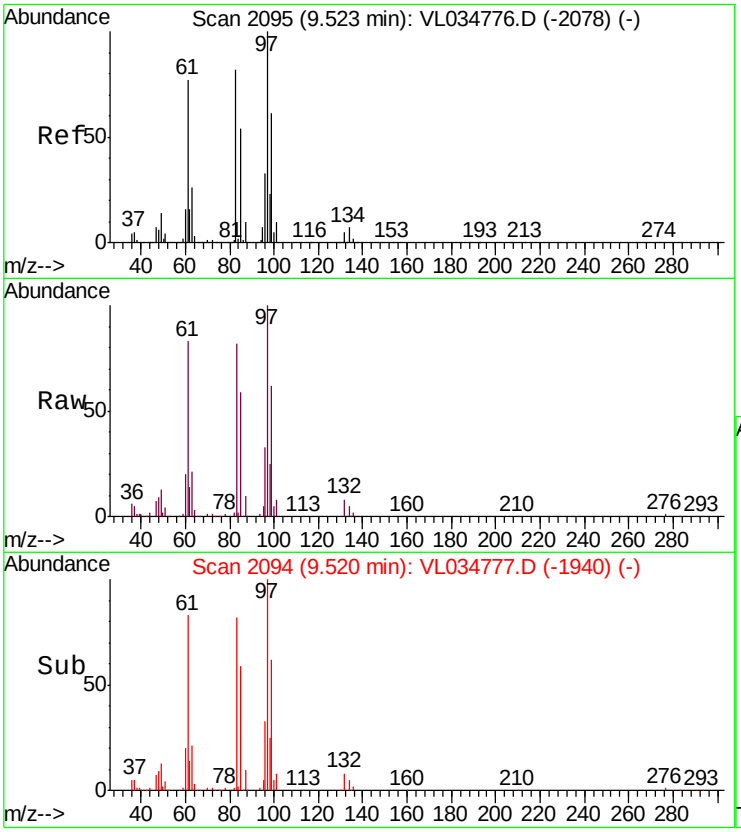


#46
cis-1,3-Dichloropropene
Concen: 2.049 ppbv
RT: 8.74 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Tgt Ion: 75 Resp: 226957

Ion	Ratio	Lower	Upper
75	100		
39	67.2	56.9	85.3
77	28.8	25.7	38.5



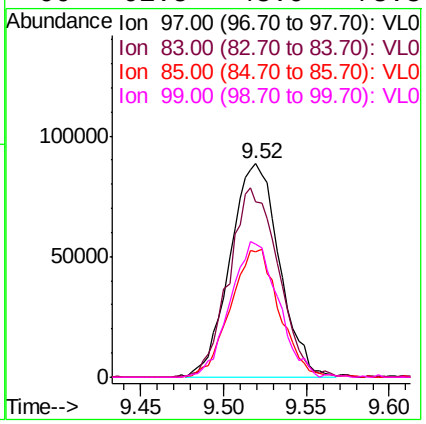


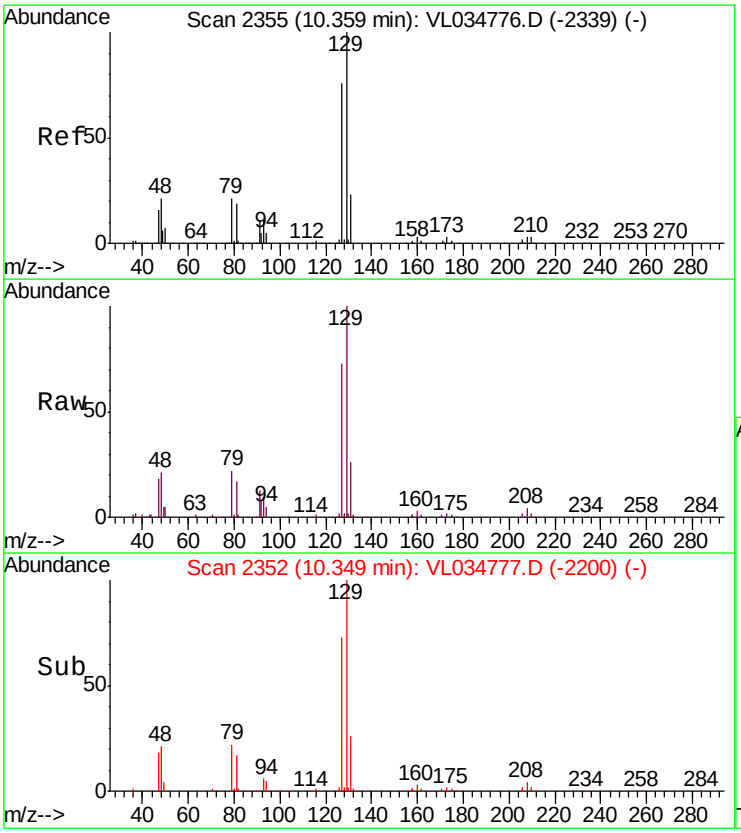
#47
1,1,2-Trichloroethane
Concen: 2.225 ppbv
RT: 9.52 min Scan# 2094
Delta R.T. -0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 97 Resp: 183926

Ion	Ratio	Lower	Upper
97	100		
83	81.1	65.2	97.8
85	57.9	43.6	65.4
99	61.5	48.9	73.3

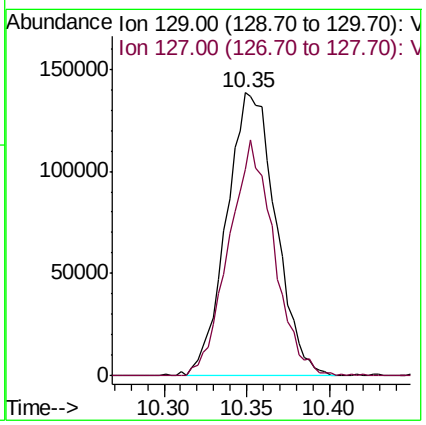


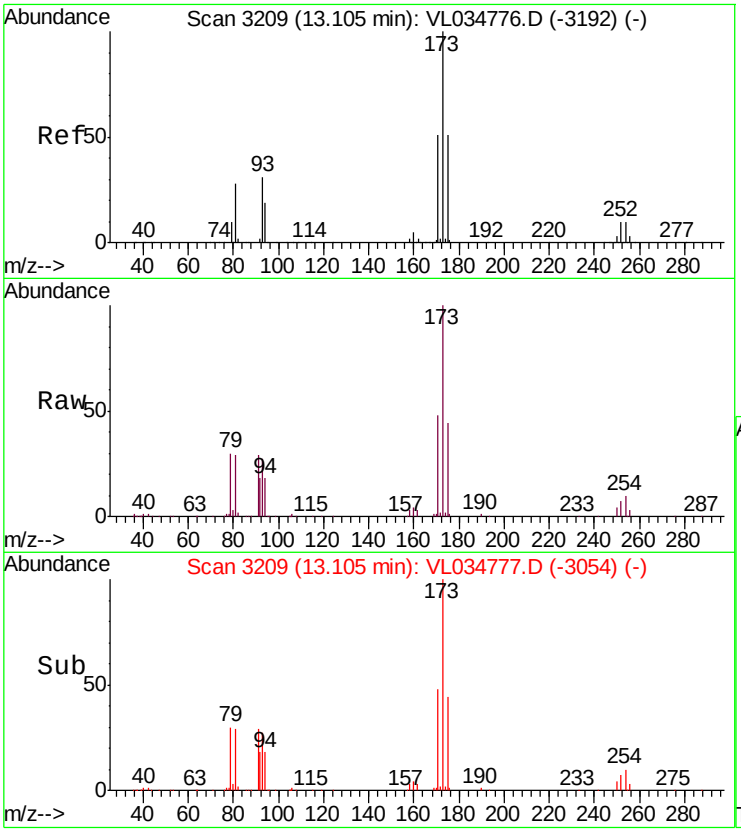


#48
Dibromochloromethane
Concen: 2.205 ppbv
RT: 10.35 min Scan# 2352
Delta R.T. -0.01 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Tgt Ion:129 Resp: 284601

Ion	Ratio	Lower	Upper
129	100		
127	76.9	39.0	117.0



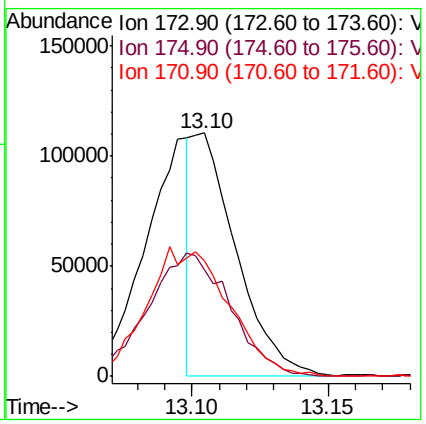


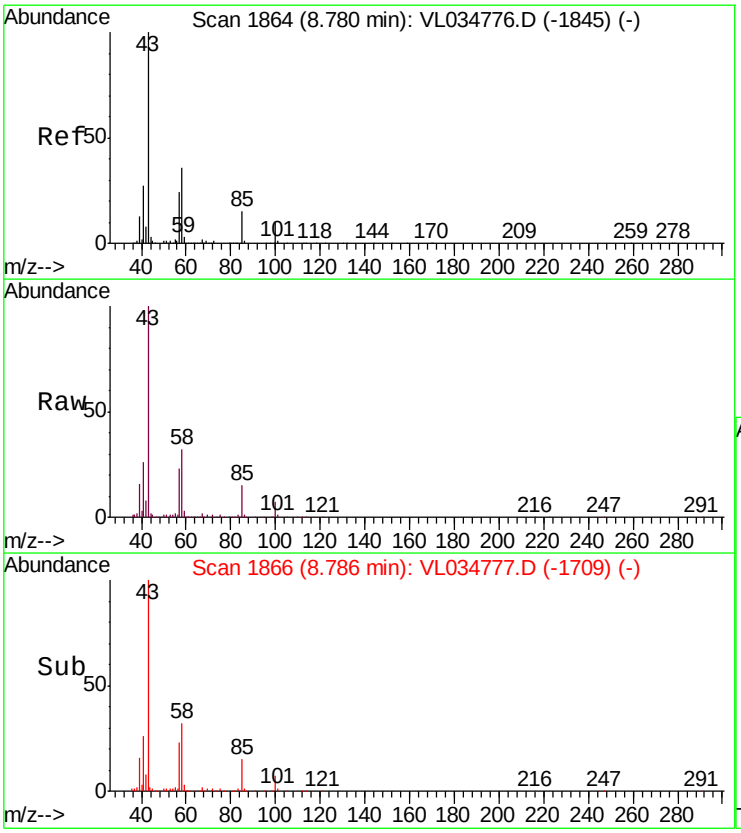
#49
Bromoform
Concen: 1.096 ppbv
RT: 13.10 min Scan# 3209
Delta R.T. -0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:173 Resp: 123213

Ion	Ratio	Lower	Upper
173	100		
175	96.7	39.8	59.6#
171	101.1	41.0	61.4#

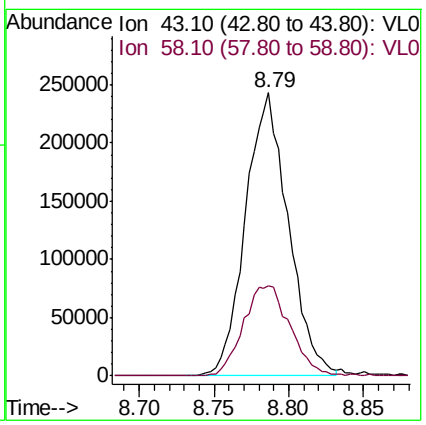


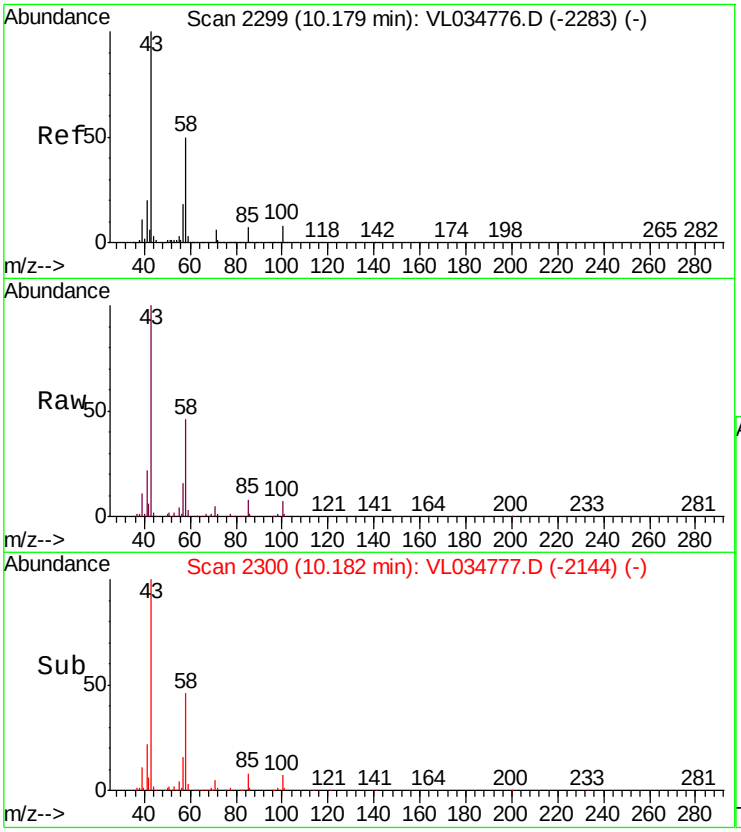


#50
4-Methyl-2-Pentanone
Concen: 2.301 ppbv
RT: 8.79 min Scan# 1866
Delta R.T. 0.01 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Tgt Ion: 43 Resp: 482948

Ion	Ratio	Lower	Upper
43	100		
58	35.3	28.7	43.1



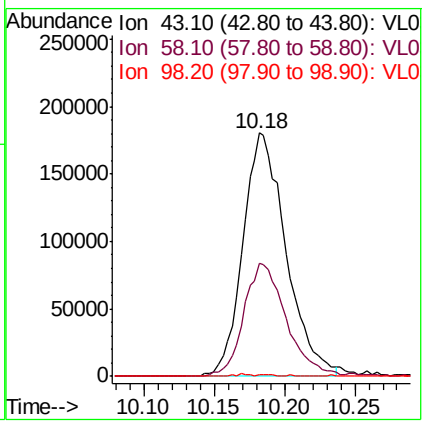


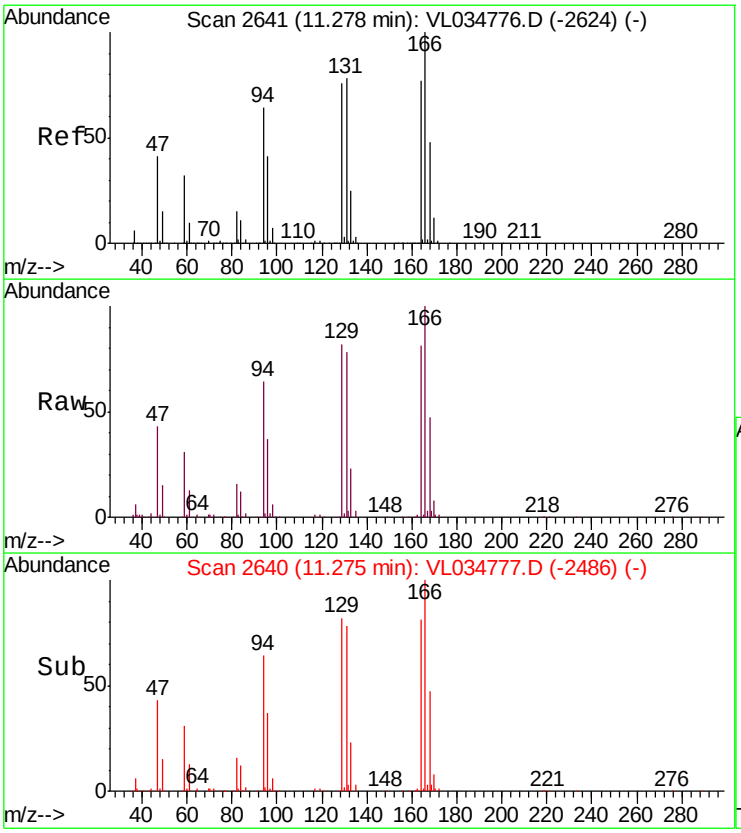
#51
2-Hexanone
Concen: 2.331 ppbv
RT: 10.18 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 385497

Ion	Ratio	Lower	Upper
43	100		
58	46.2	38.6	58.0
98	0.9	0.2	0.4#

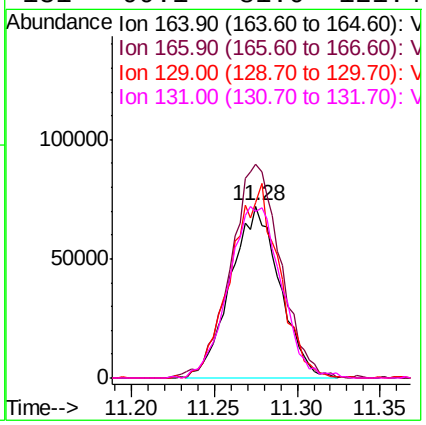


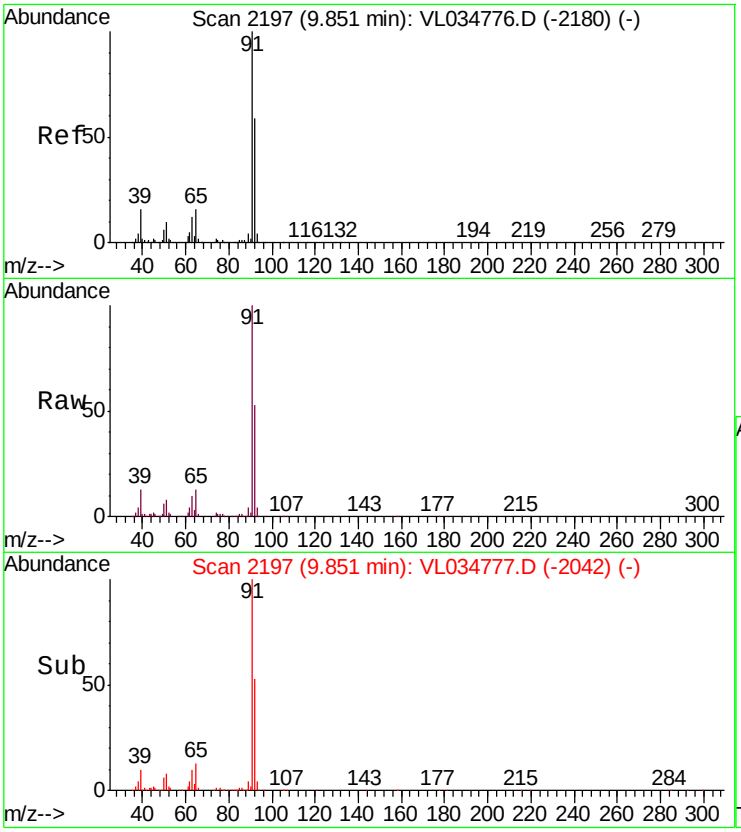


#52
Tetrachloroethene
Concen: 1.995 ppbv
RT: 11.28 min Scan# 2640
Delta R.T. -0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Tgt Ion:164 Resp: 148421

Ion	Ratio	Lower	Upper
164	100		
166	123.1	103.3	154.9
129	101.0	79.0	118.4
131	99.1	81.0	121.4



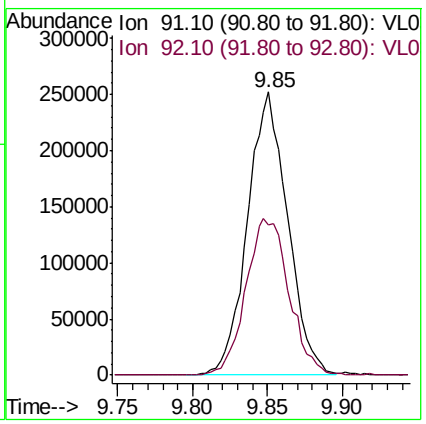


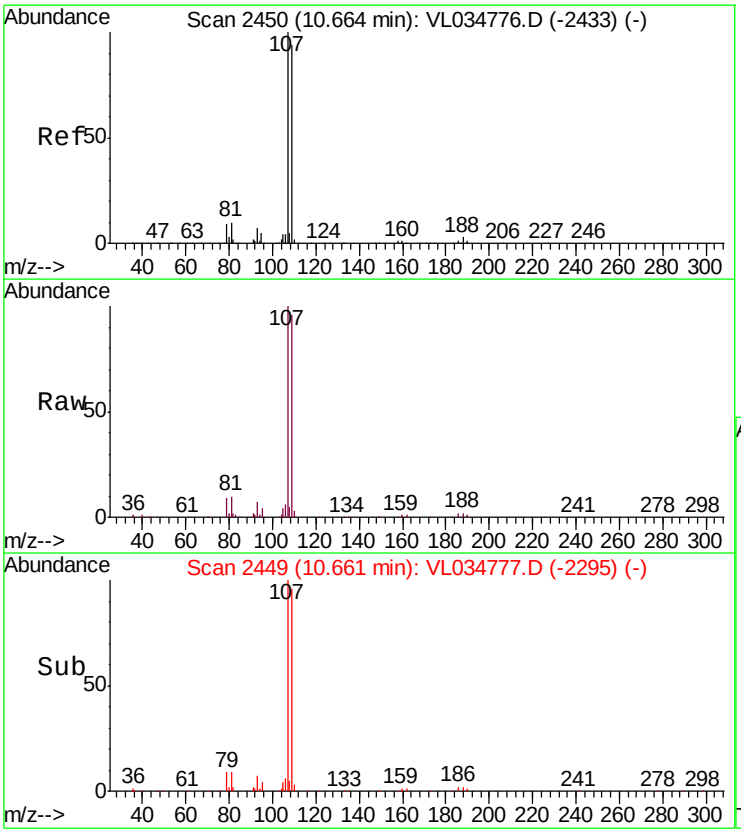
#53
Toluene
Concen: 2.189 ppbv
RT: 9.85 min Scan# 2197
Delta R.T. -0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 470645

Ion	Ratio	Lower	Upper
91	100		
92	59.6	48.2	72.2

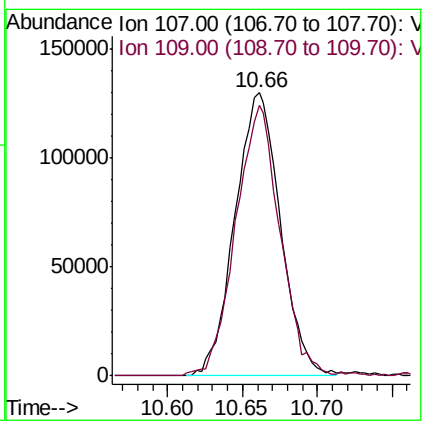


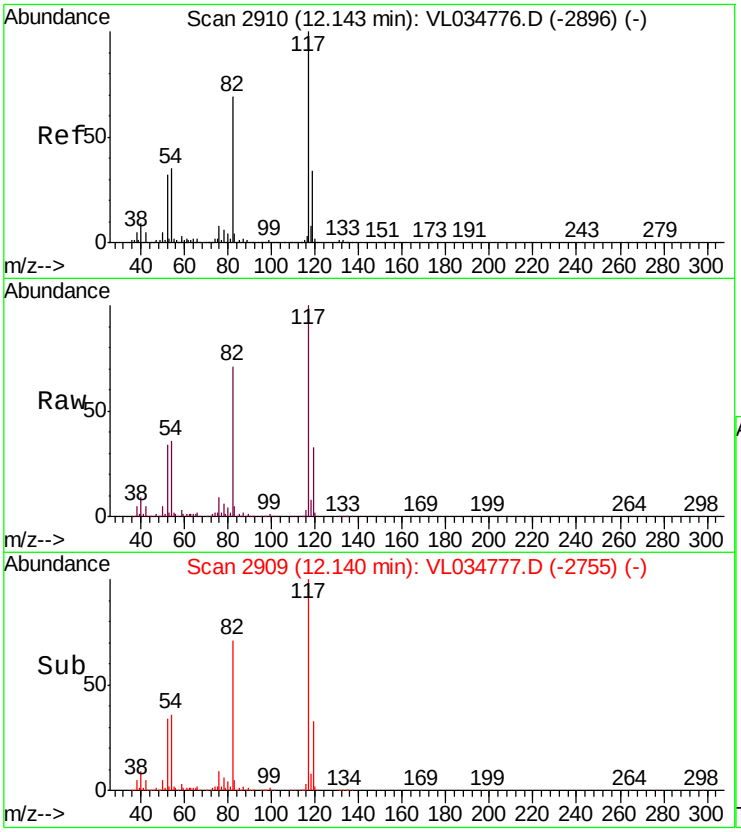


#54
1,2-Dibromoethane
Concen: 2.226 ppbv
RT: 10.66 min Scan# 2449
Delta R.T. -0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Tgt Ion:107 Resp: 274775

Ion	Ratio	Lower	Upper
107	100		
109	95.0	75.0	112.6



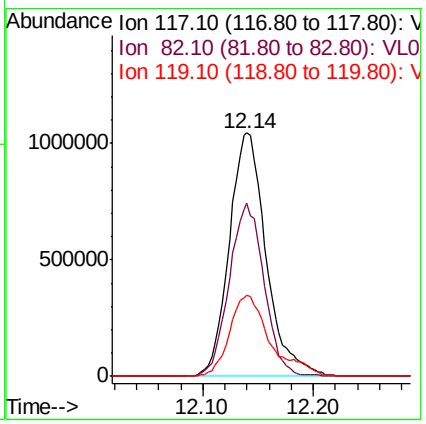


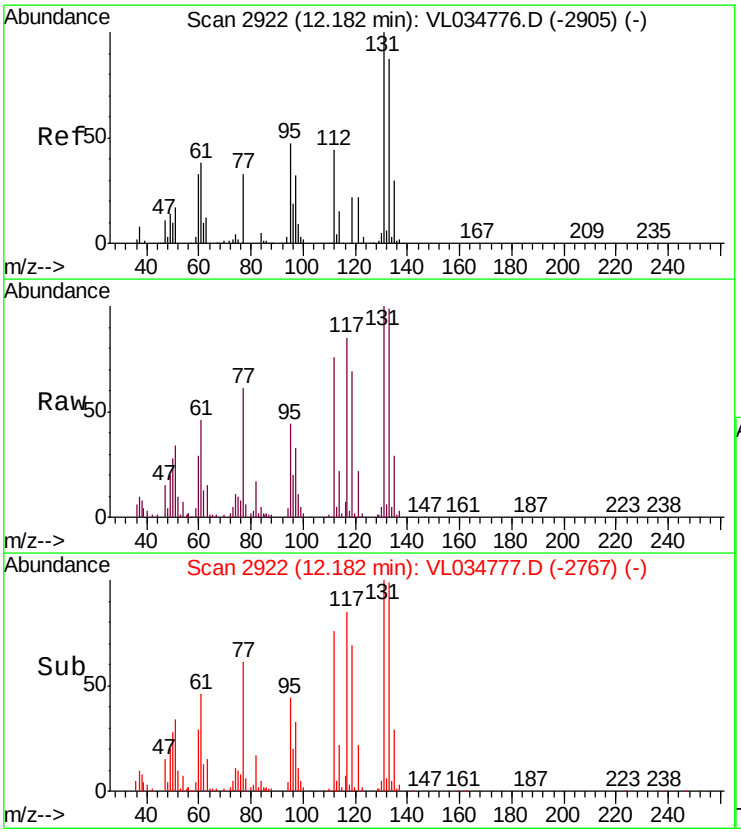
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.14 min Scan# 2909
Delta R.T. -0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:117 Resp: 2417805

Ion	Ratio	Lower	Upper
117	100		
82	67.3	53.9	80.9
119	36.8	25.0	37.4

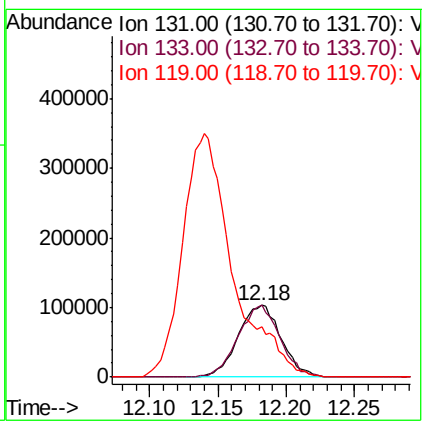


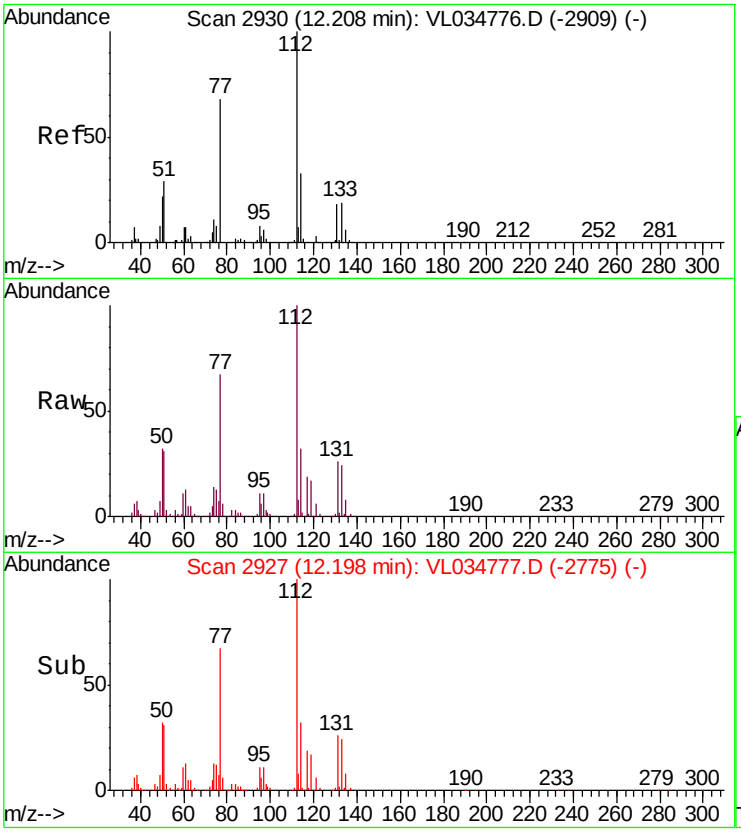


#56
1,1,1,2-Tetrachloroethane
Concen: 2.176 ppbv
RT: 12.18 min Scan# 2922
Delta R.T. -0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Tgt Ion:131 Resp: 226292

Ion	Ratio	Lower	Upper
131	100		
133	97.0	75.4	113.0
119	393.3	110.5	165.7#



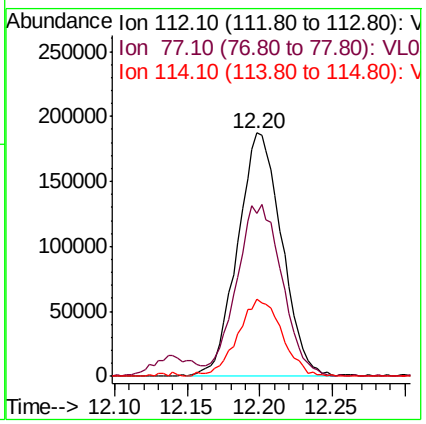


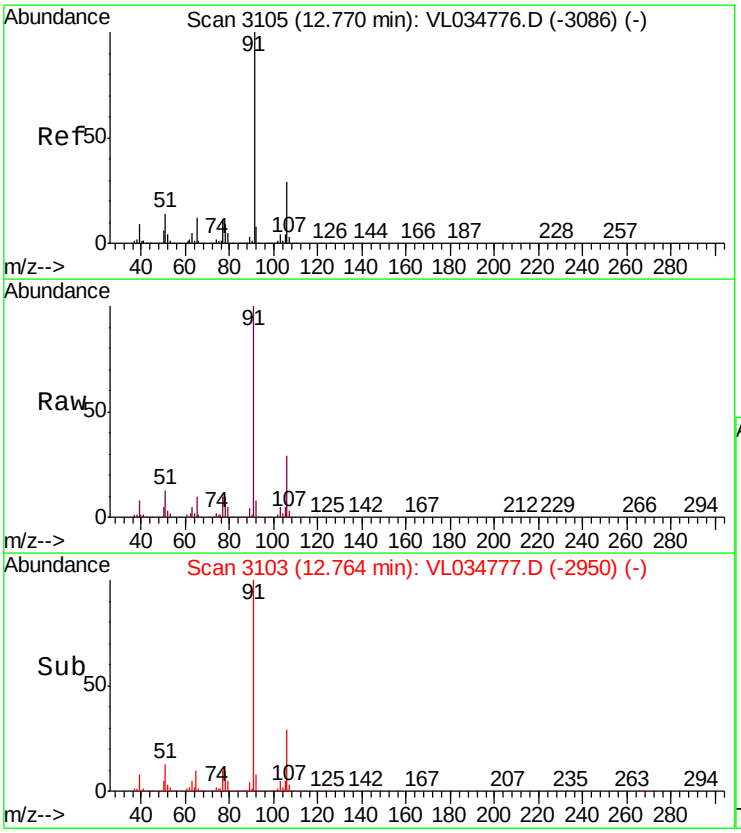
#57
Chlorobenzene
Concen: 2.201 ppbv
RT: 12.20 min Scan# 2927
Delta R.T. -0.01 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:112 Resp: 393892

Ion	Ratio	Lower	Upper
112	100		
77	66.9	55.6	83.4
114	31.8	29.4	36.0

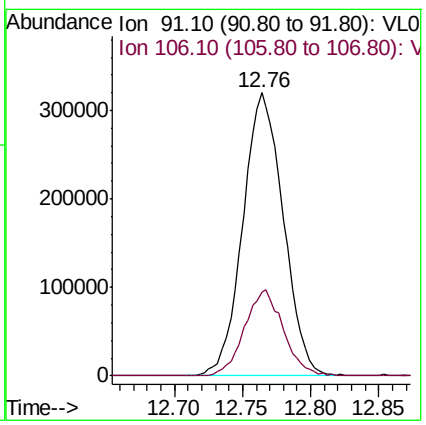


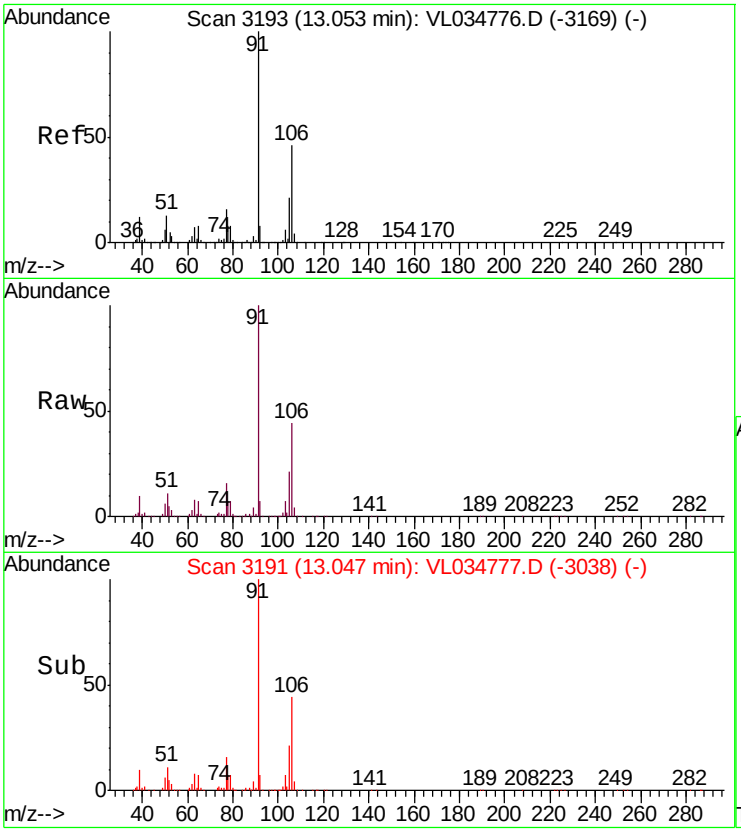


#58
Ethyl Benzene
Concen: 2.238 ppbv
RT: 12.76 min Scan# 3103
Delta R.T. -0.01 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Tgt Ion: 91 Resp: 657950

Ion	Ratio	Lower	Upper
91	100		
106	29.4	22.8	34.2



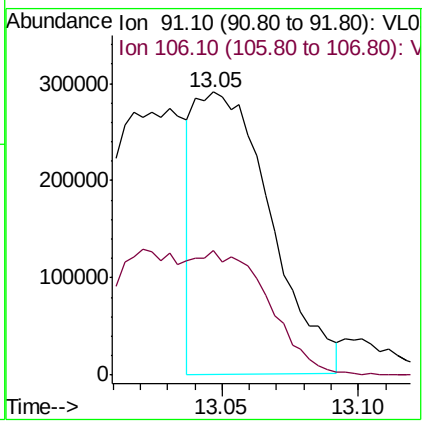


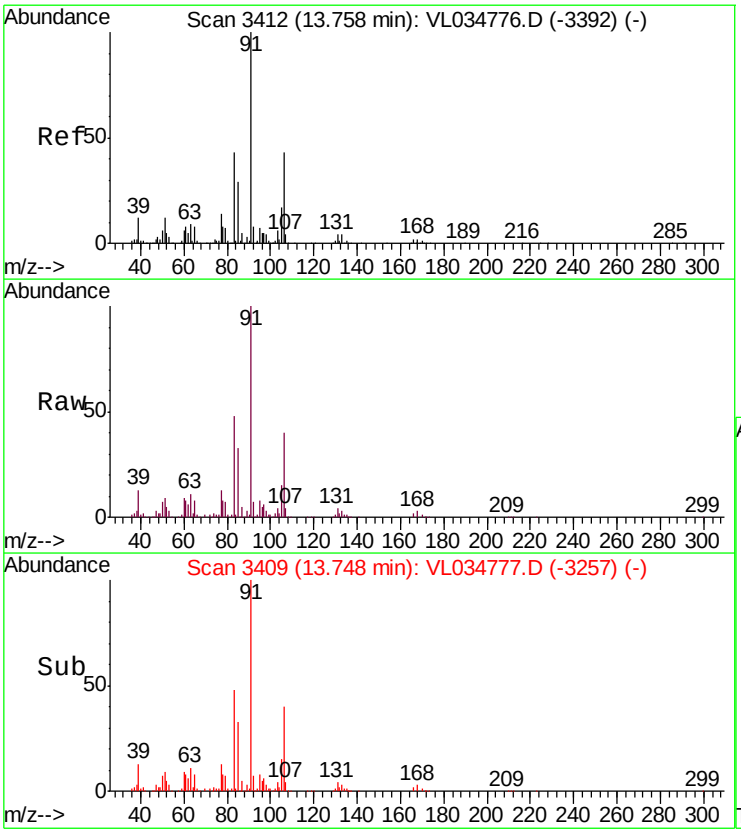
#59
m/p-Xylene
Concen: 2.198 ppbv
RT: 13.05 min Scan# 3191
Delta R.T. -0.01 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 91 Resp: 560835

Ion	Ratio	Lower	Upper
91	100		
106	0.0	35.8	53.8#

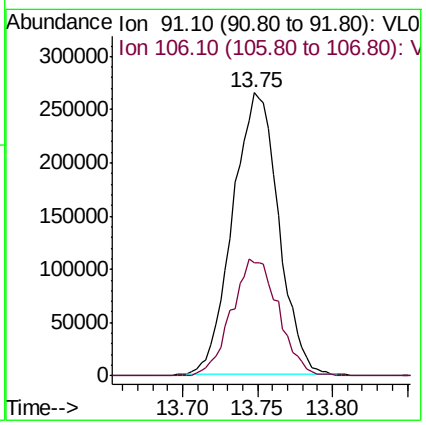


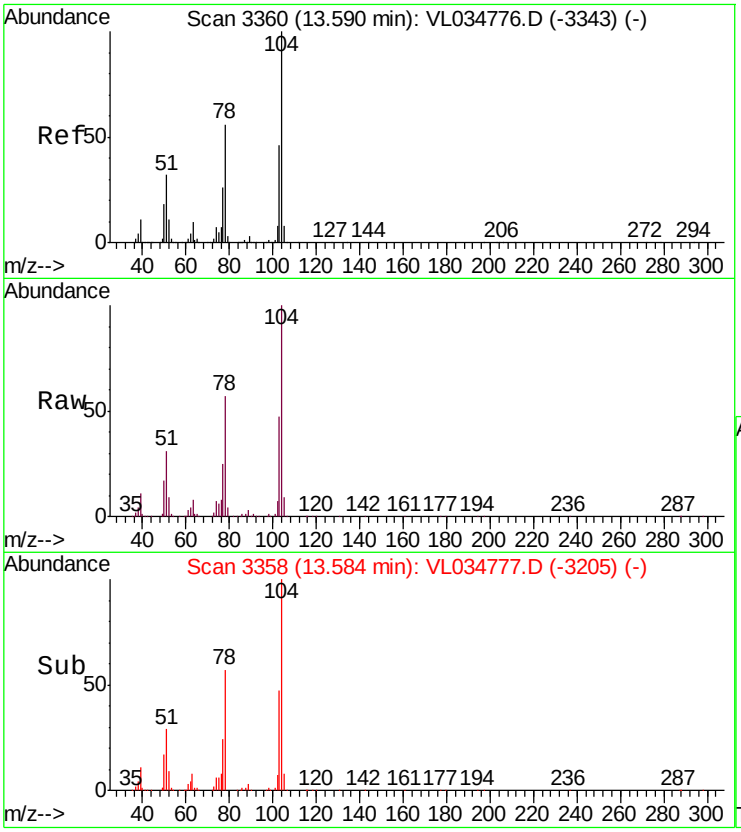


#60
o-Xylene
Concen: 2.220 ppbv
RT: 13.75 min Scan# 3409
Delta R.T. -0.01 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Tgt Ion: 91 Resp: 564462

Ion	Ratio	Lower	Upper
91	100		
106	42.5	21.7	65.1



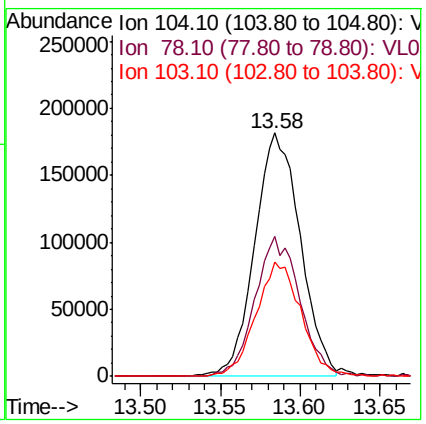


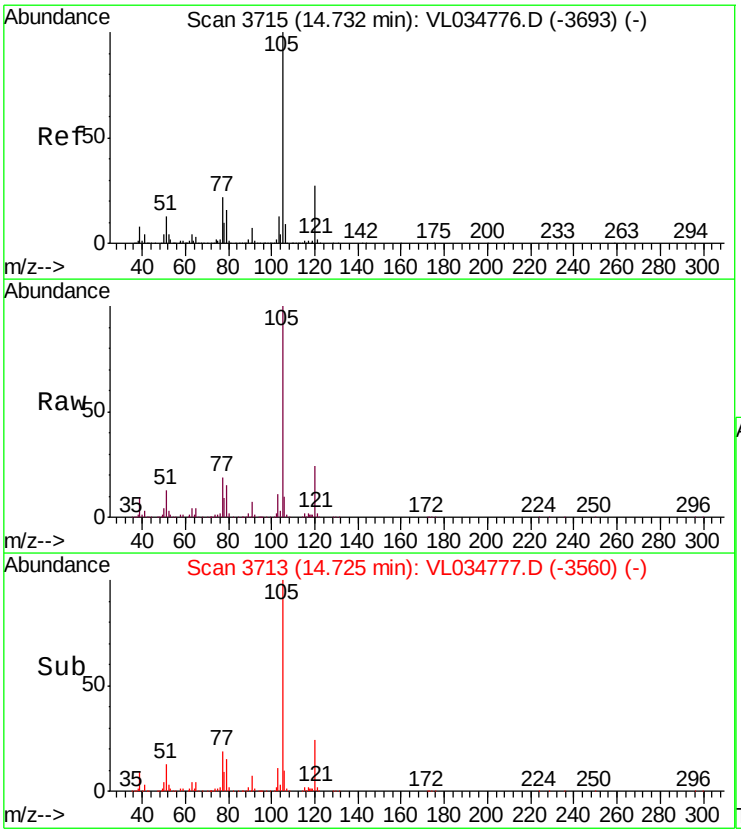
#61
Styrene
Concen: 2.192 ppbv
RT: 13.58 min Scan# 3358
Delta R.T. -0.01 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:104 Resp: 356825

Ion	Ratio	Lower	Upper
104	100		
78	56.7	44.7	67.1
103	46.9	38.2	57.2

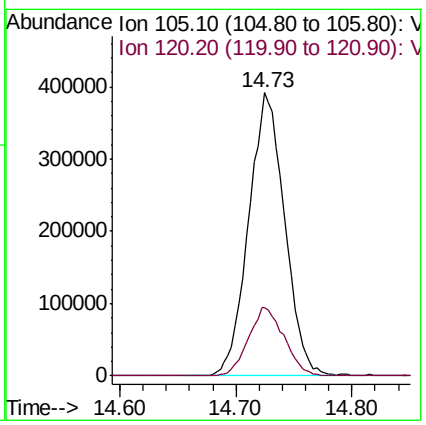


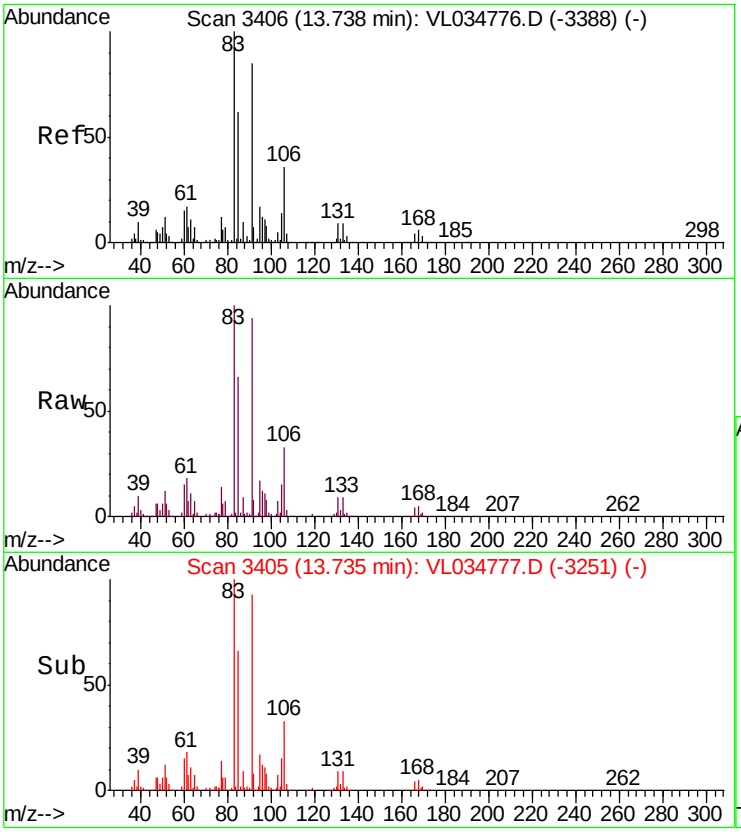


#62
Isopropylbenzene
Concen: 2.283 ppbv
RT: 14.73 min Scan# 3713
Delta R.T. -0.01 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Tgt Ion:105 Resp: 847152

Ion	Ratio	Lower	Upper
105	100		
120	24.1	20.5	30.7



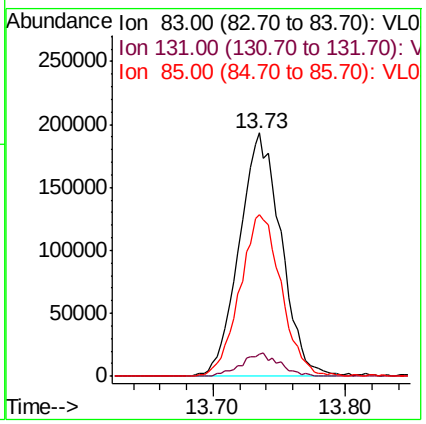


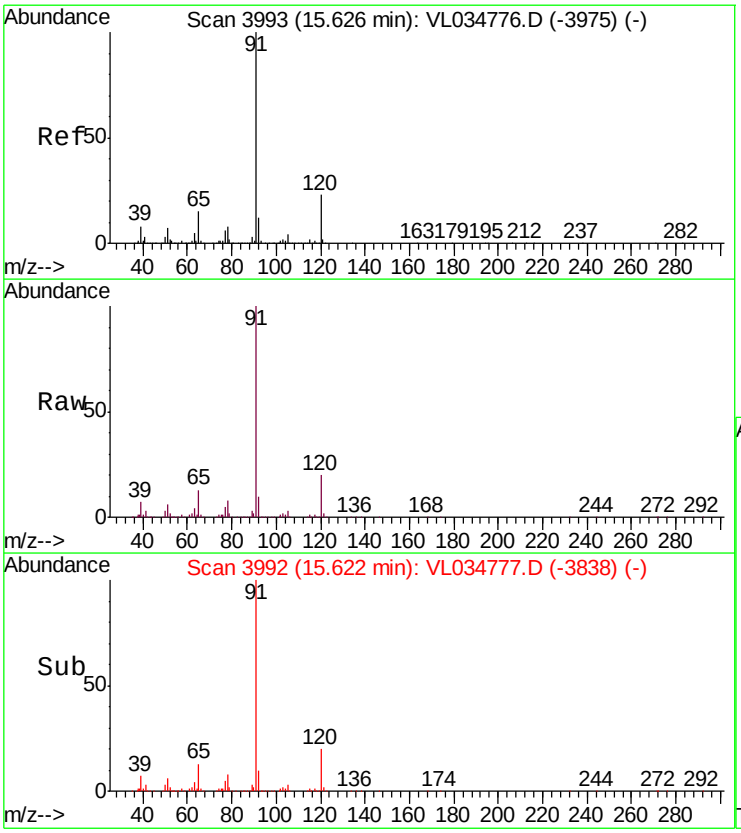
#63
1,1,2,2-Tetrachloroethane
Concen: 2.142 ppbv
RT: 13.73 min Scan# 3405
Delta R.T. -0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 83 Resp: 424324

Ion	Ratio	Lower	Upper
83	100		
131	9.0	4.7	14.0
85	66.0	32.9	98.7

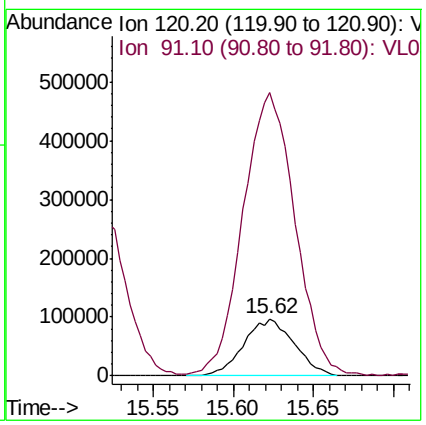


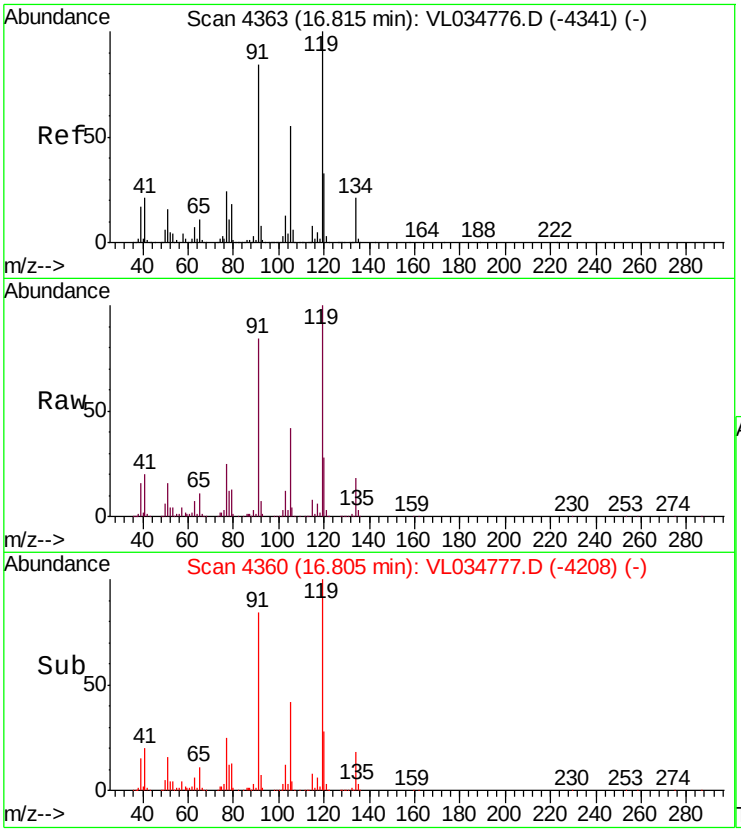


#64
n-propylbenzene
Concen: 2.195 ppbv
RT: 15.62 min Scan# 3992
Delta R.T. -0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Tgt Ion:120 Resp: 209781

Ion	Ratio	Lower	Upper
120	100		
91	516.4	379.4	569.2



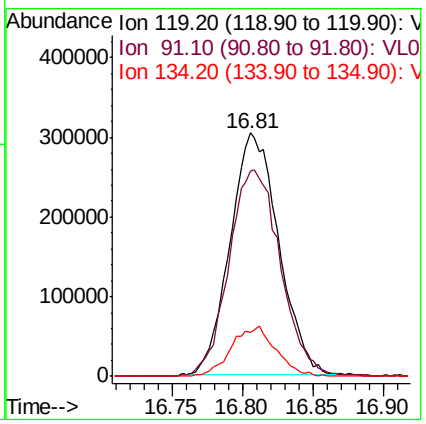


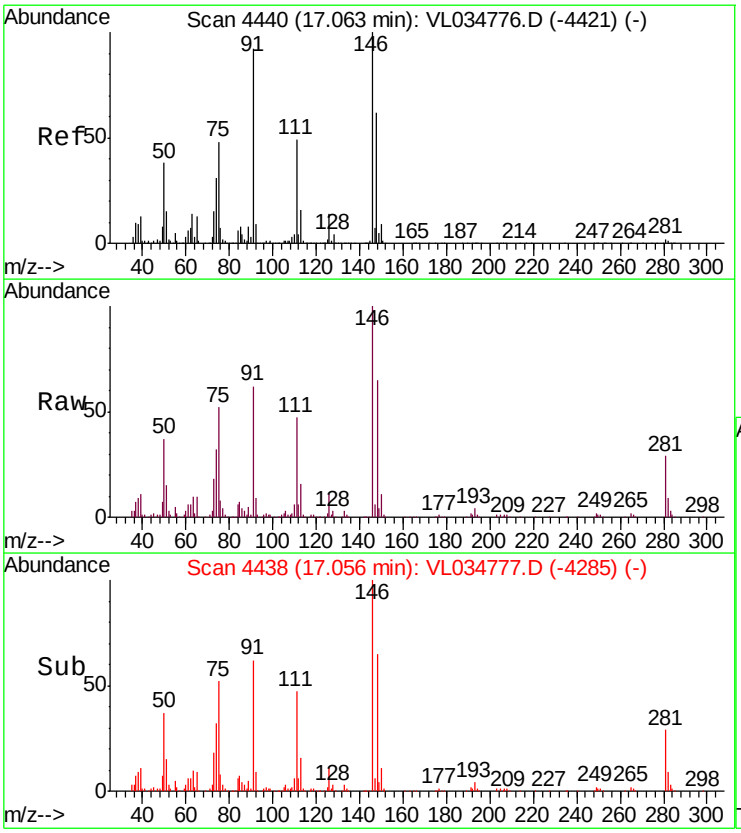
#65
tert-Butylbenzene
Concen: 2.263 ppbv
RT: 16.81 min Scan# 4360
Delta R.T. -0.01 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:119 Resp: 726400

Ion	Ratio	Lower	Upper
119	100		
91	91.3	69.8	104.6
134	19.3	15.9	23.9

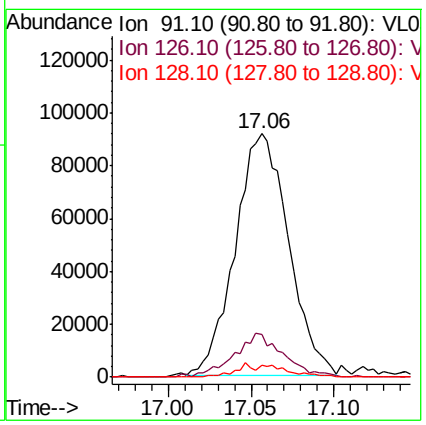


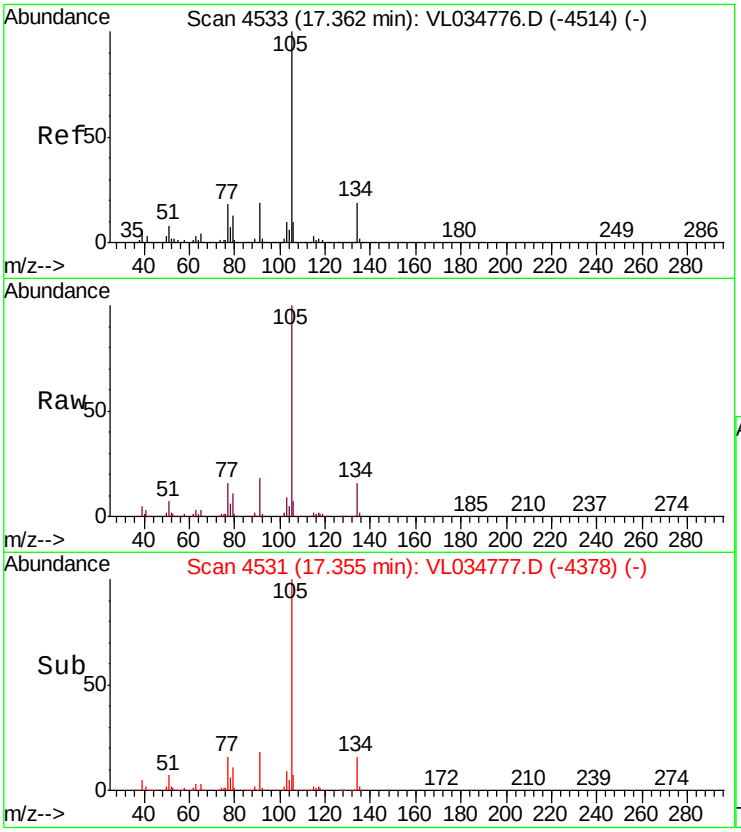


#66
Benzyl Chloride
Concen: 1.759 ppbv
RT: 17.06 min Scan# 4438
Delta R.T. -0.01 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Tgt Ion: 91 Resp: 204758

Ion	Ratio	Lower	Upper
91	100		
126	16.9	12.6	18.8
128	5.0	4.3	6.5



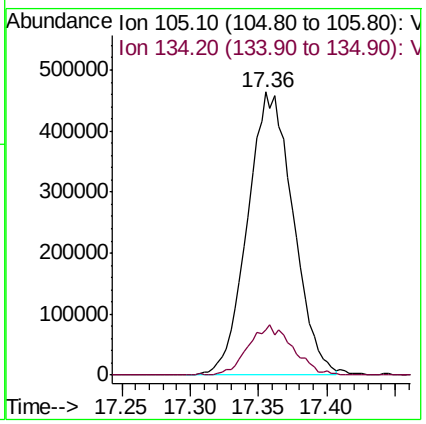


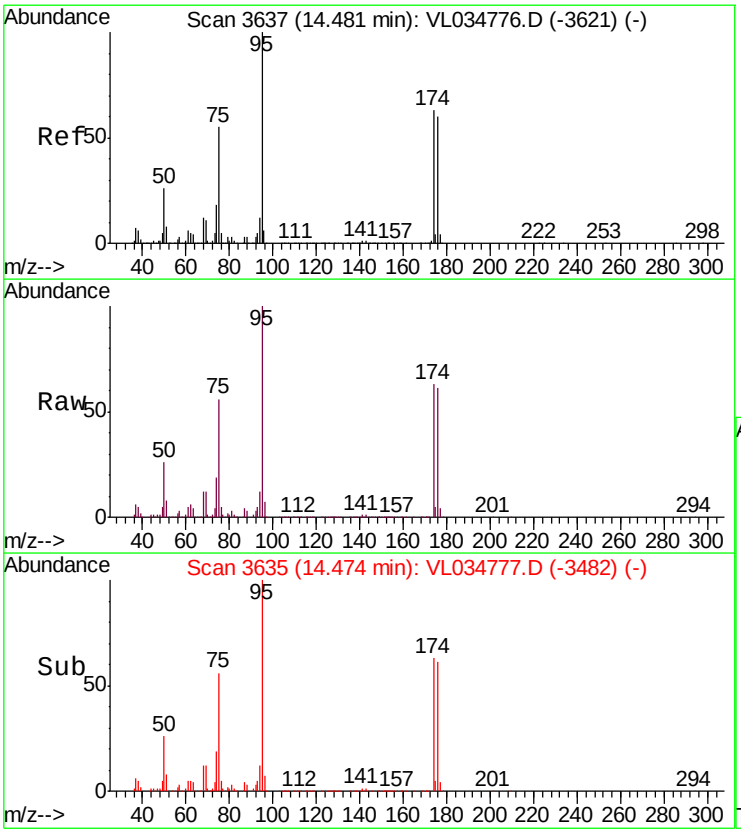
#67
sec-Butylbenzene
Concen: 2.332 ppbv
RT: 17.36 min Scan# 4531
Delta R.T. -0.01 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:105 Resp: 1079139

Ion	Ratio	Lower	Upper
105	100		
134	17.3	14.7	22.1

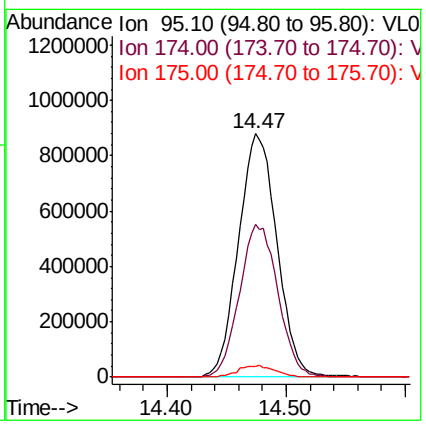


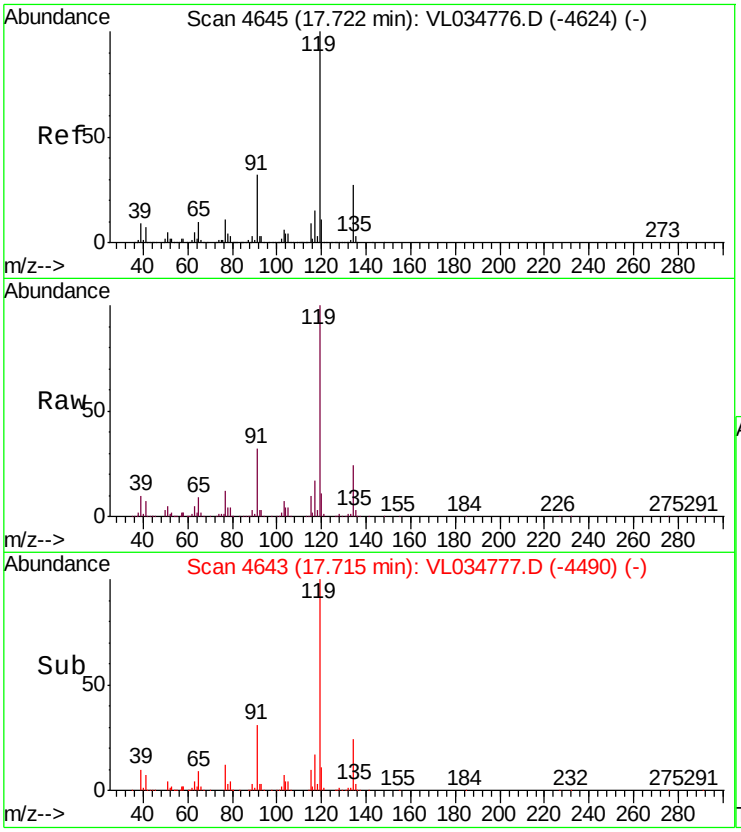


#68
1-Bromo-4-Fluorobenzene
Concen: 9.910 ppbv
RT: 14.47 min Scan# 3635
Delta R.T. -0.01 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Tgt Ion: 95 Resp: 1964779

Ion	Ratio	Lower	Upper
95	100		
174	63.3	50.6	76.0
175	4.7	3.8	5.6



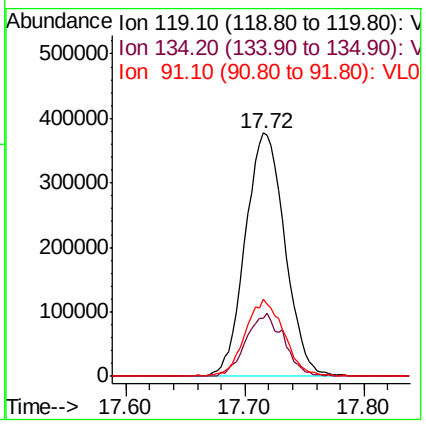


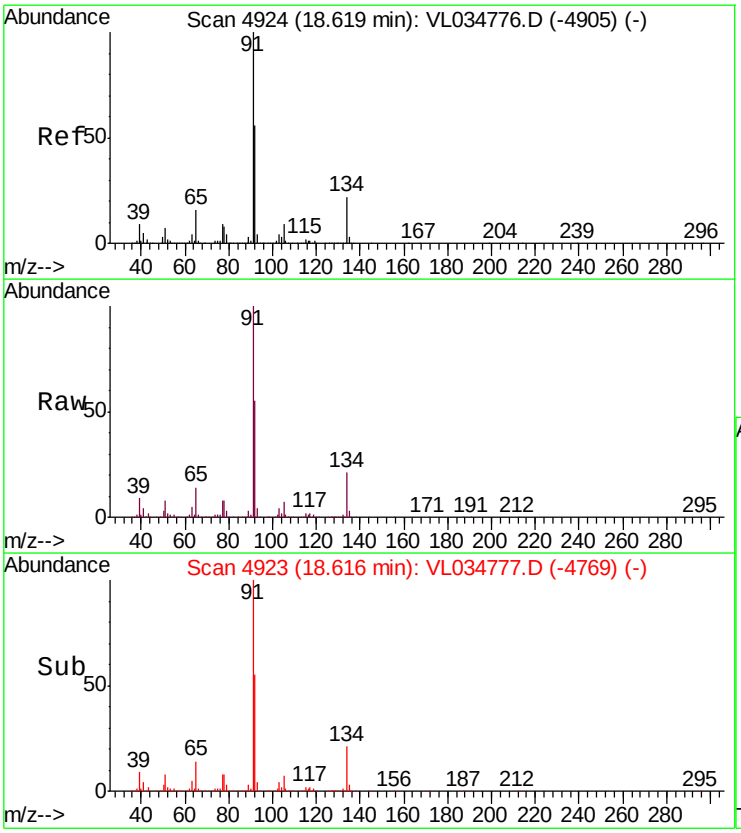
#69
p-Isopropyltoluene
Concen: 2.282 ppbv
RT: 17.72 min Scan# 4643
Delta R.T. -0.01 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:119 Resp: 869406

Ion	Ratio	Lower	Upper
119	100		
134	24.8	20.6	30.8
91	31.2	25.3	37.9

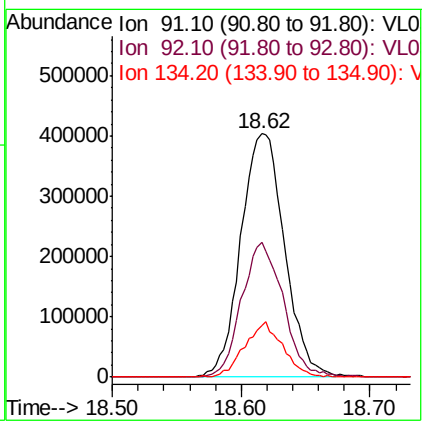


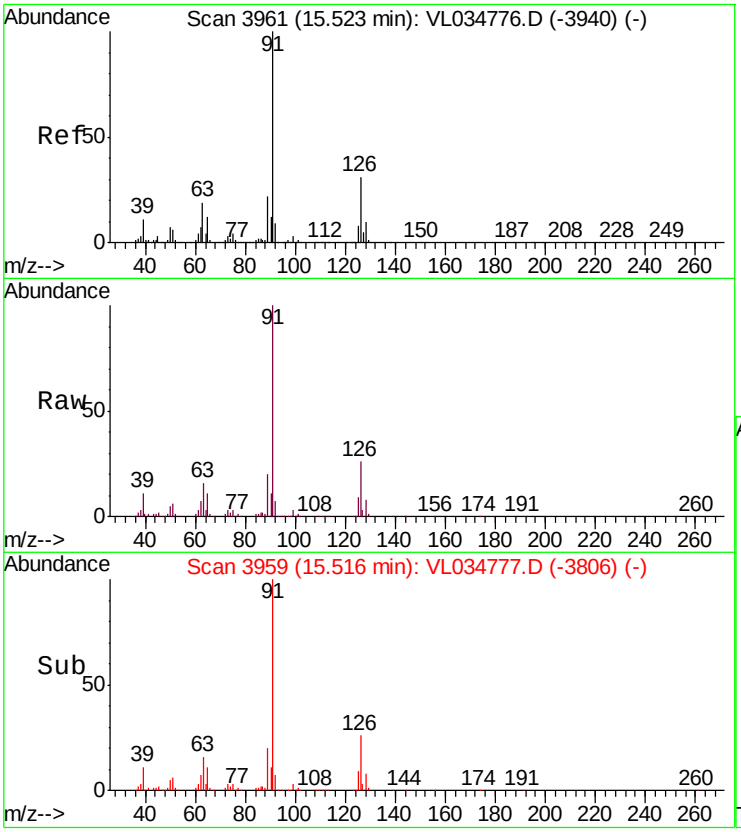


#70
n-Butylbenzene
Concen: 2.288 ppbv
RT: 18.62 min Scan# 4923
Delta R.T. -0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Tgt Ion: 91 Resp: 950487

Ion	Ratio	Lower	Upper
91	100		
92	53.2	44.0	66.0
134	20.1	17.7	26.5



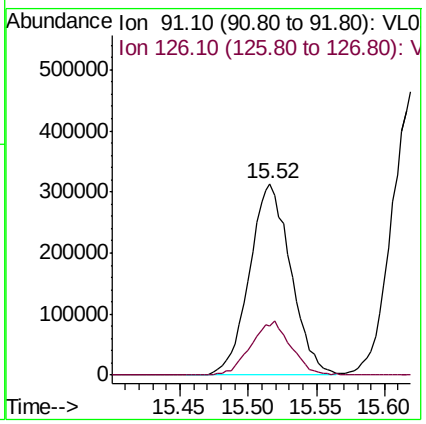


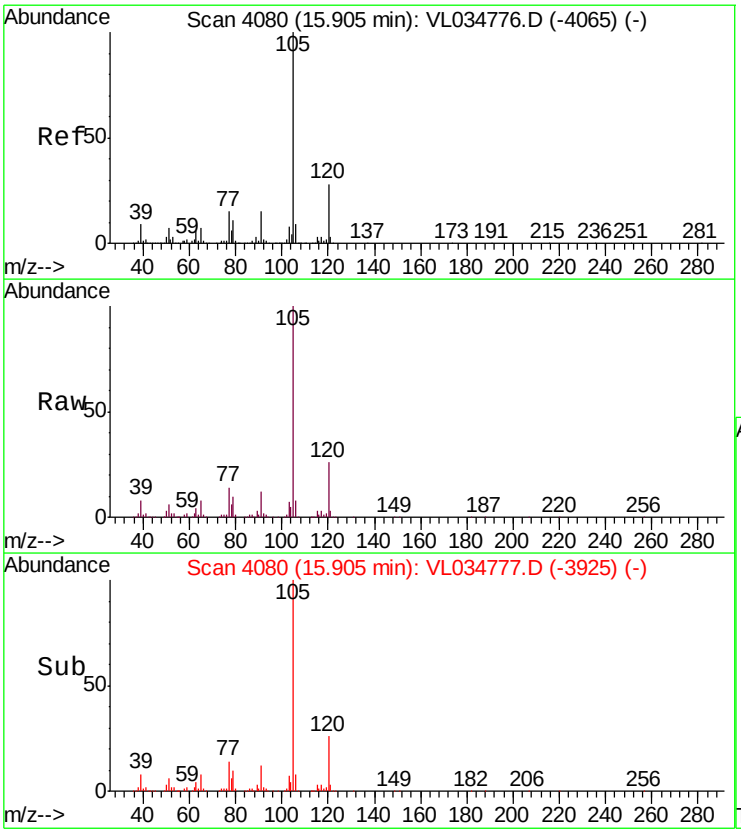
#71
2-Chlorotoluene
Concen: 2.290 ppbv
RT: 15.52 min Scan# 3959
Delta R.T. -0.01 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 91 Resp: 659608

Ion	Ratio	Lower	Upper
91	100		
126	27.4	11.7	46.7

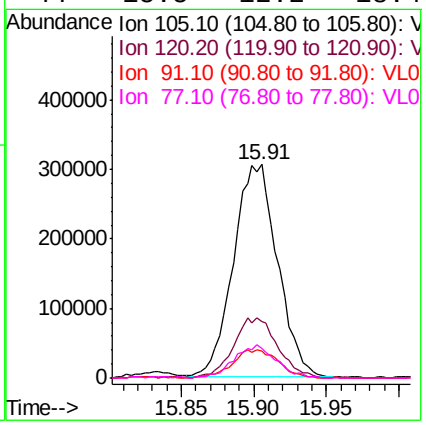


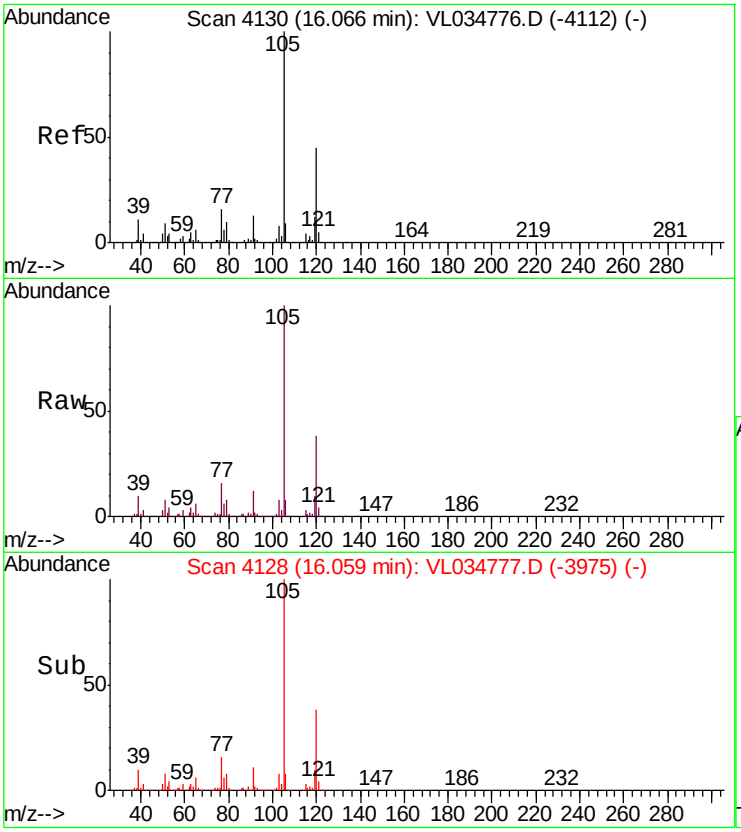


#72
4-Ethyltoluene
Concen: 2.277 ppbv
RT: 15.91 min Scan# 4080
Delta R.T. -0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Tgt Ion:105 Resp: 645881

Ion	Ratio	Lower	Upper
105	100		
120	28.6	23.0	34.6
91	14.1	11.1	16.7
77	15.5	12.2	18.4



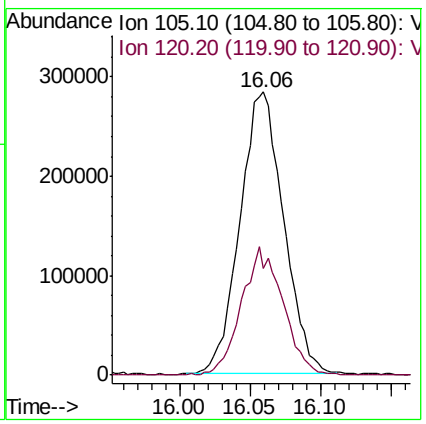


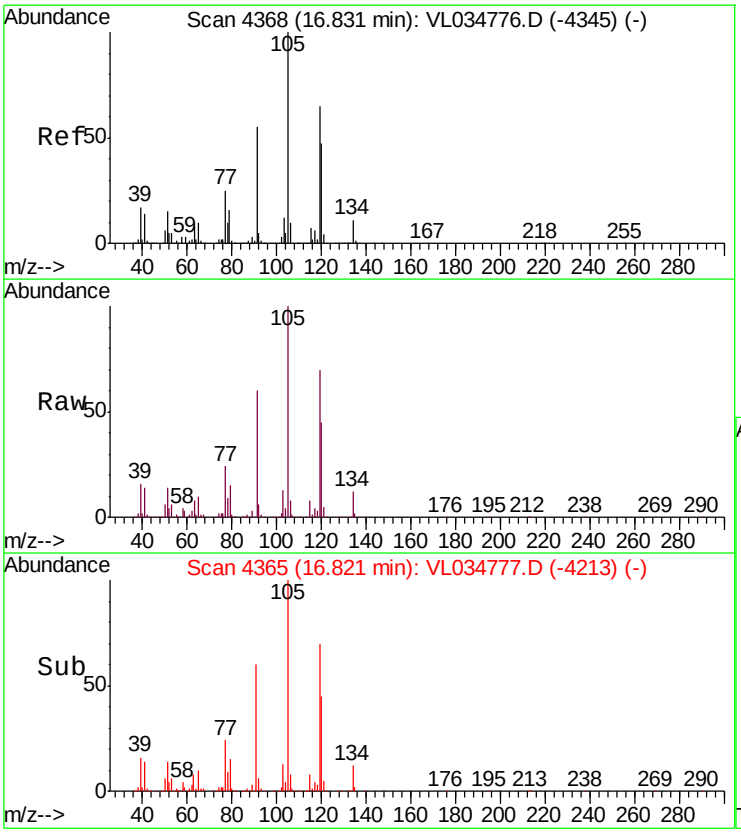
#73
1,3,5-Trimethylbenzene
Concen: 2.244 ppbv
RT: 16.06 min Scan# 4128
Delta R.T. -0.01 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:105 Resp: 613420

Ion	Ratio	Lower	Upper
105	100		
120	37.7	35.6	53.4

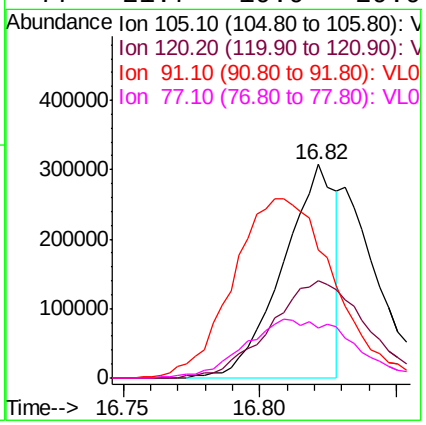


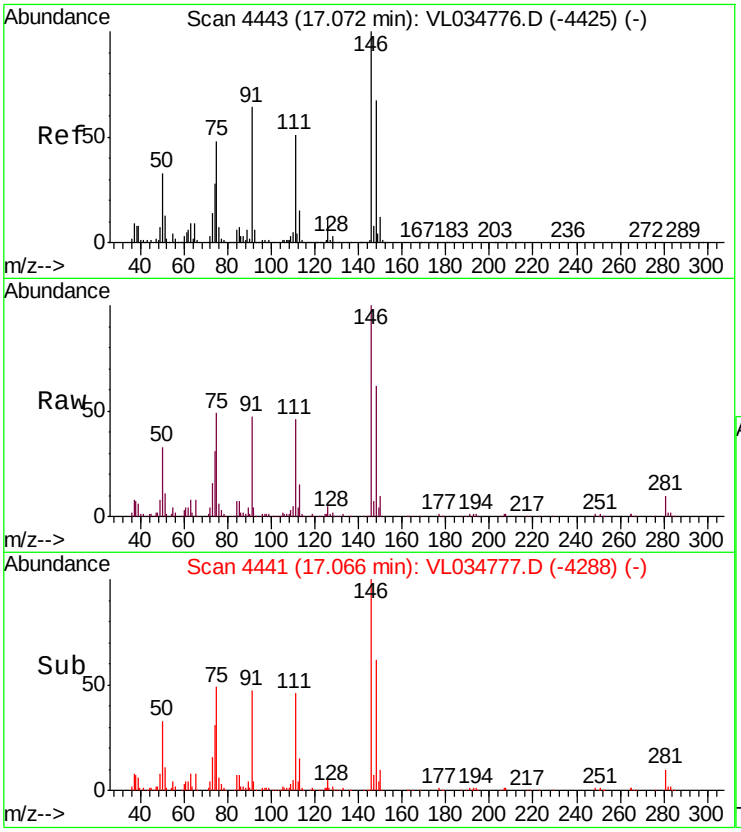


#74
1,2,4-Trimethylbenzene
Concen: 1.355 ppbv
RT: 16.82 min Scan# 4365
Delta R.T. -0.01 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Tgt Ion:105 Resp: 409320

Ion	Ratio	Lower	Upper
105	100		
120	44.4	37.8	56.6
91	53.1	43.8	65.8
77	21.7	19.9	29.9



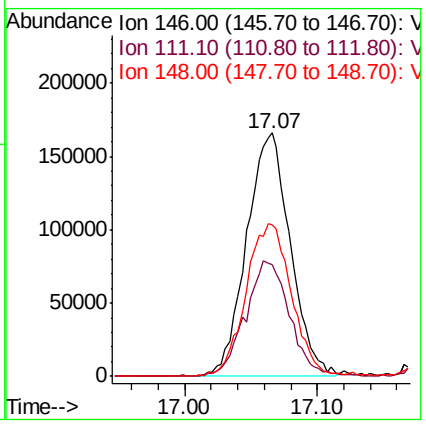


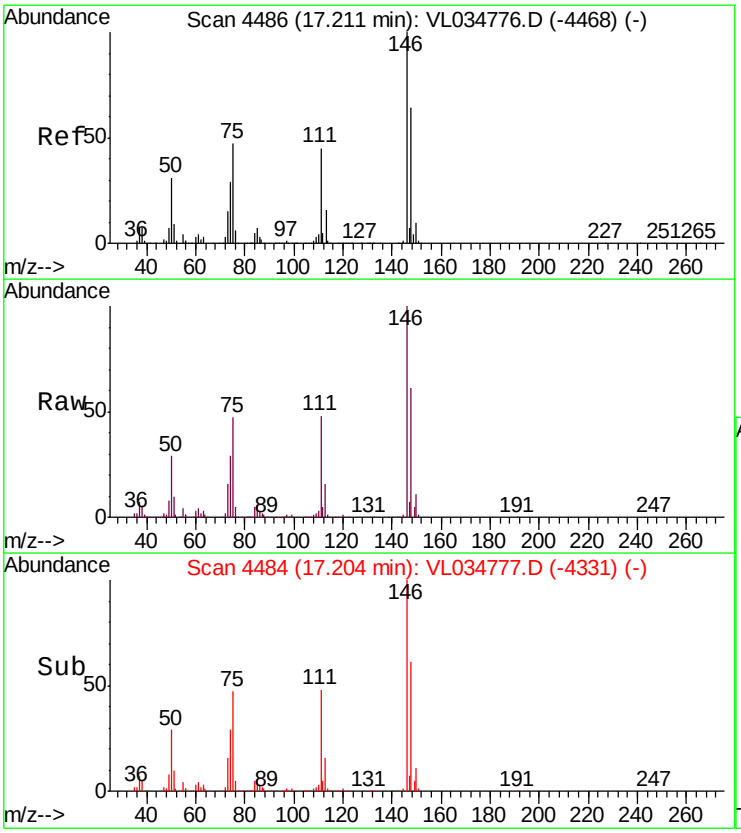
#75
1,3-Dichlorobenzene
Concen: 2.186 ppbv
RT: 17.07 min Scan# 4441
Delta R.T. -0.01 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:146 Resp: 381140

Ion	Ratio	Lower	Upper
146	100		
111	47.9	24.7	74.1
148	66.1	31.8	95.4

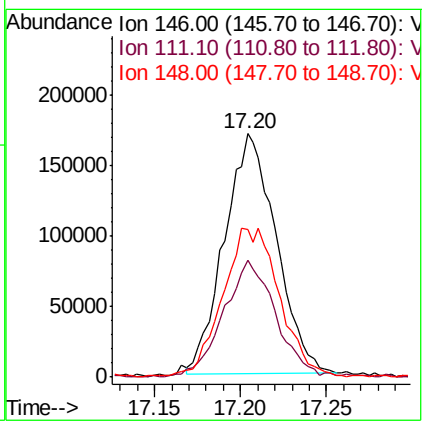


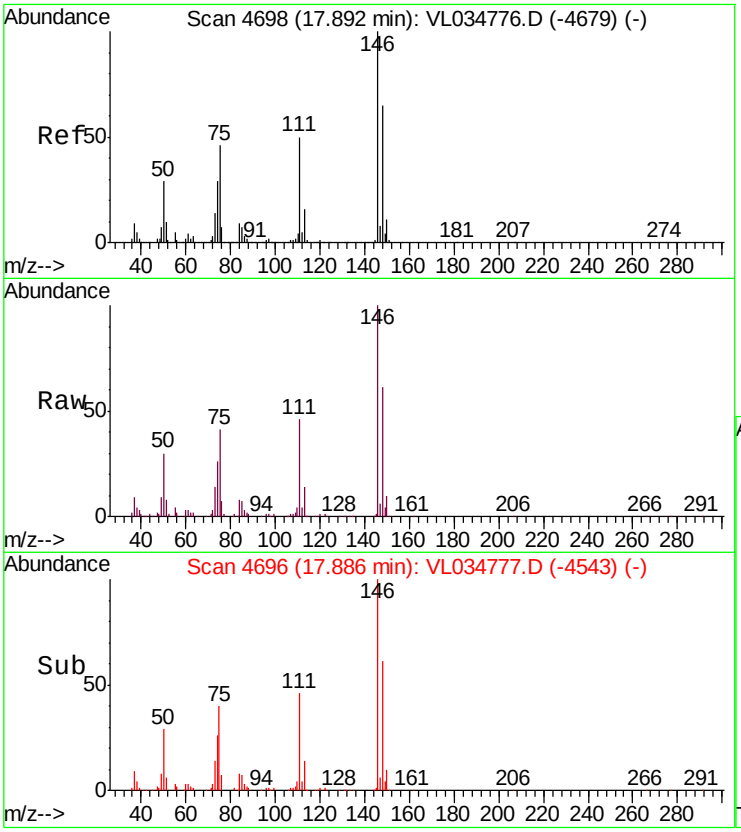


#76
1,4-Dichlorobenzene
Concen: 2.055 ppbv
RT: 17.20 min Scan# 4484
Delta R.T. -0.01 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Tgt Ion:146 Resp: 357532

Ion	Ratio	Lower	Upper
146	100		
111	49.7	23.5	70.5
148	67.3	32.2	96.6



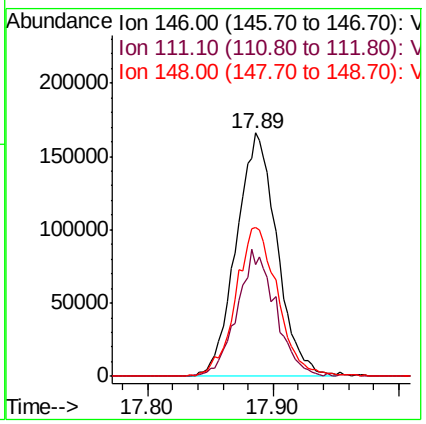


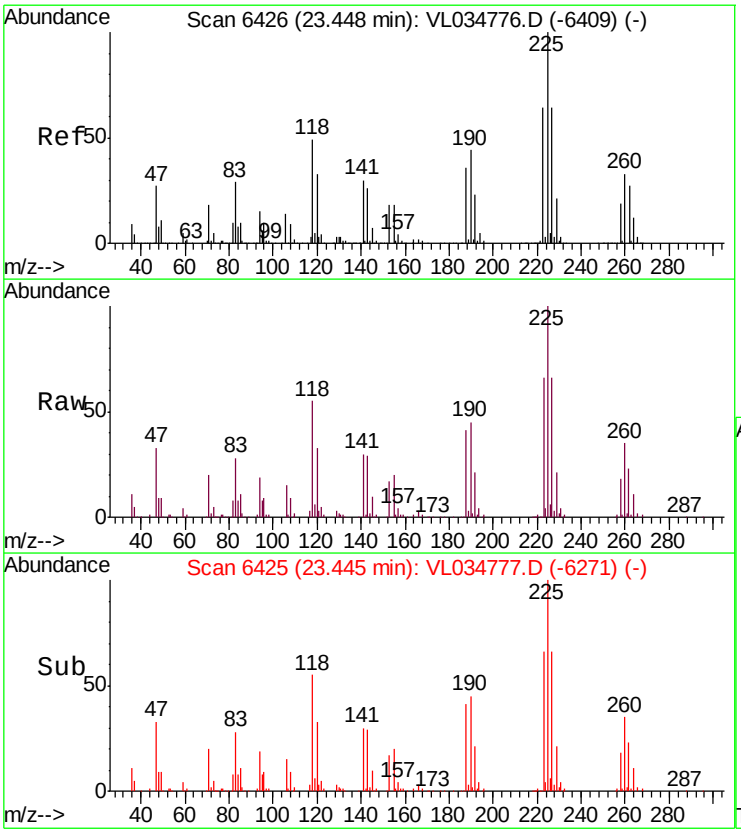
#77
1,2-Dichlorobenzene
Concen: 2.229 ppbv
RT: 17.89 min Scan# 4696
Delta R.T. -0.01 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:146 Resp: 375413

Ion	Ratio	Lower	Upper
146	100		
111	48.9	25.3	75.8
148	63.2	32.3	96.9

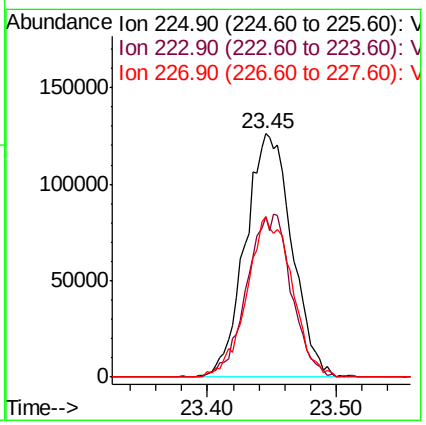


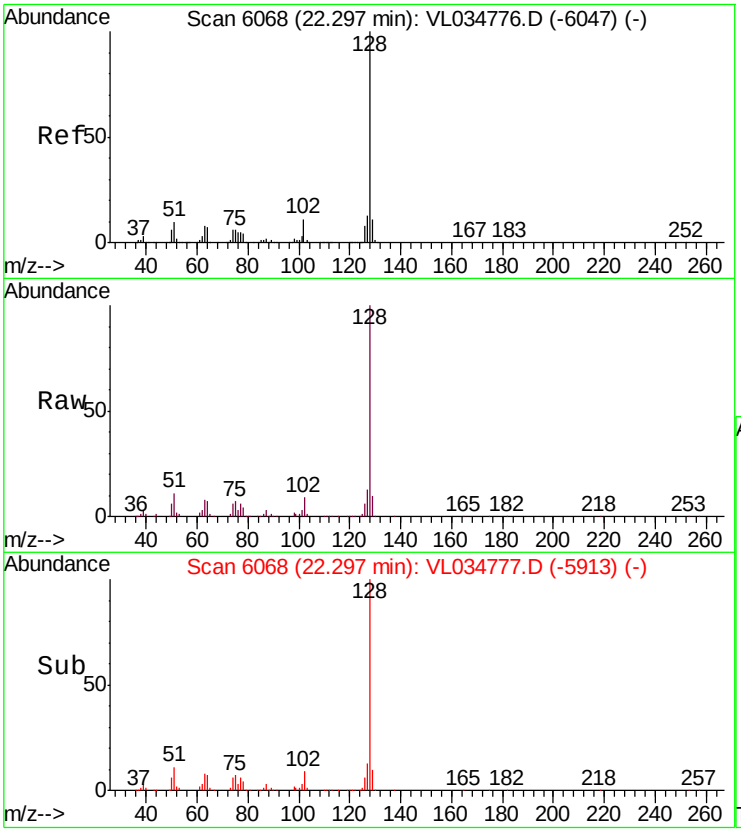


#78
Hexachloro-1,3-Butadiene
Concen: 2.188 ppbv
RT: 23.45 min Scan# 6425
Delta R.T. -0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Tgt Ion:225 Resp: 317545

Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.3	76.9
227	63.8	51.9	77.9



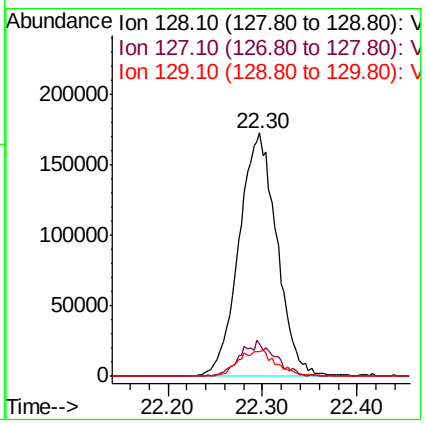


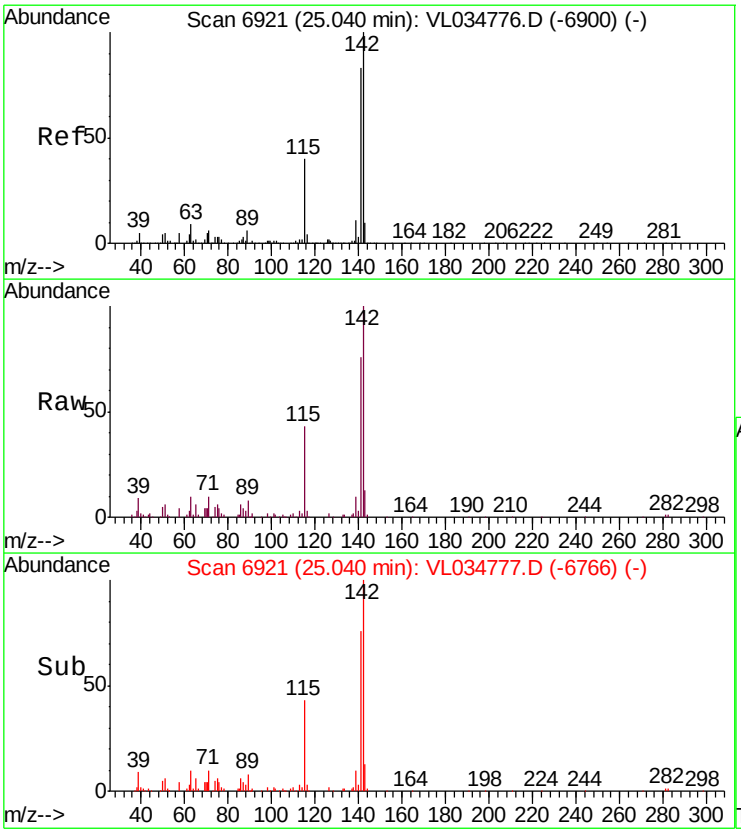
#79
Naphthalene
Concen: 1.804 ppbv
RT: 22.30 min Scan# 6068
Delta R.T. -0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:128 Resp: 480449

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

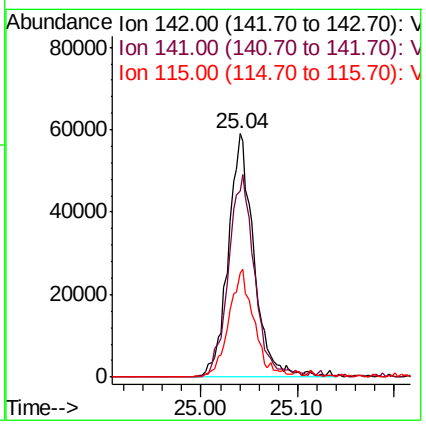


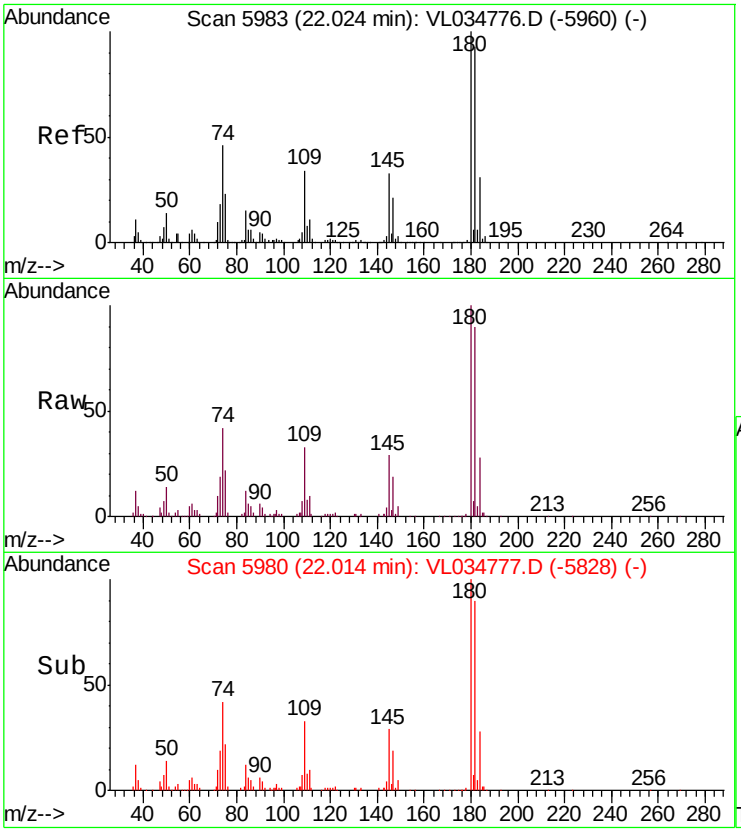


#80
Naphthalene,2-methyl-
Concen: 1.322 ppbv
RT: 25.04 min Scan# 6921
Delta R.T. -0.00 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Tgt Ion:142 Resp: 108575

Ion	Ratio	Lower	Upper
142	100		
141	85.7	67.7	101.5
115	43.5	30.7	46.1





#81
1,2,4-Trichlorobenzene
Concen: 0.908 ppbv
RT: 22.01 min Scan# 5980
Delta R.T. -0.01 min
Lab File: VL034777.D
Acq: 4 Mar 2020 2:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:180 Resp: 144672

Ion	Ratio	Lower	Upper
180	100		
182	0.0	76.8	115.2#
184	62.4	24.8	37.2#