Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022820\

Quantitation Report (Not Reviewed)

Data File : VL034753.D
Acq On : 29 Feb 2020 1:48
Operator : SY/AP
Sample : L1698-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SS-8-4

Quant Time: Mar 02 04:39:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Feb 28 01:15:02 2020
QLast Update : Fri Feb 28 01:15:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	1030462	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.19	114	2155951	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.12	117	2233861	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.46	95	1866190	10.19	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.02	85	91146	0.561	ppbv		90
3) Chlorodifluoromethane	2.93	51	145434	1.308	ppbv	#	69
4) Chloromethane	3.11	50	39275	0.631	ppbv		94
6) Bromomethane	3.44	94	1527	0.043	ppbv		99
7) Chloroethane	3.53	64	542	0.024	ppbv	#	41
9) Propene	2.99	41	209420	4.505	ppbv	#	75
10) Heptane	8.14	43	93822	0.784	ppbv	#	7
11) Trichlorofluoromethane	3.93	101	38671	0.272	ppbv		94
12) 1,1,2-Trichlorotrifluoroet	4.47	101	7304	0.073	ppbv	#	71
13) Ethanol	3.58	45	748125	50.945	ppbv		95
15) Acetone	3.82	43	1499534	12.770	ppbv	#	77
16) 1,3-Butadiene	3.28	39	99659	1.833	ppbv	#	19
17) tert-Butyl alcohol	3.95	59	34052	0.378	ppbv		96
19) Isopropyl Alcohol	3.95	45	912475	13.046	ppbv	#	1
20) Methylene Chloride	4.33	84	191866	4.393	ppbv		95
21) Allyl Chloride	4.35	41	3770	0.049	ppbv	#	1
23) Vinyl Acetate	5.06	43	440419	2.759	ppbv	#	94
25) Ethyl Acetate	5.68	43	263280	1.267	ppbv	#	83
26) Hexane	5.68	57	322873	3.370	ppbv	#	46
27) Carbon Disulfide	4.53	76	3440	0.032	ppbv	#	1
29) Chloroform	5.75	83	16193	0.106	ppbv		83
30) Cyclohexane	7.14	84	46527	0.627	ppbv	#	91
31) cis-1,2-Dichloroethene	5.55	61	16819	0.178	ppbv	#	79
34) 2-Butanone	5.24	43	549555	4.050	ppbv		98
35) Carbon Tetrachloride	7.03	117	3406	0.024	ppbv	#	60
36) Benzene	6.90	78	171380	0.920	ppbv		94
38) Trichloroethene	7.85	130	33534	0.467	ppbv		95
39) 1,2-Dichloropropane	7.19	63	598257	8.076	ppbv	#	23
40) 1,4-Dioxane	7.88	88	595	0.024	ppbv	#	1
41) Tetrahydrofuran	6.05	42	13838	0.193	ppbv	#	36
42) Bromodichloromethane	7.81	83	4463	0.029	ppbv	#	30
44) 2,2,4-Trimethylpentane	7.88	57	246781	0.758	ppbv	#	80
50) 4-Methyl-2-Pentanone	8.76	43	82640	0.430	ppbv	#	39
51) 2-Hexanone	10.17	43	10601	0.070	ppbv	#	1
52) Tetrachloroethene	11.25	164	1357746	19.892	ppbv		97
53) Toluene	9.83	91	1287677	6.502	ppbv		99
58) Ethyl Benzene	12.74	91	338693	1.253	ppbv		96
59) m/p-Xylene	13.00	91	996732	4.228	ppbv		98
60) o-Xylene	13.73	91	148029	0.633	ppbv	#	32
61) Styrene	13.57	104	7096	0.047	ppbv	#	1
62) Isopropylbenzene	14.70	105	13953	0.041	ppbv	#	50

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022820\

Quantitation Report (Not Reviewed)

Data File : VL034753.D
Acq On : 29 Feb 2020 1:48
Operator : SY/AP
Sample : L1698-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SS-8-4

Quant Time: Mar 02 04:39:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Feb 28 01:15:02 2020
QLast Update : Fri Feb 28 01:15:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
64) n-propylbenzene	15.60	120	7974	0.091	ppbv	#	1
65) tert-Butylbenzene	16.80	119	25839	0.088	ppbv	#	1
70) n-Butylbenzene	18.60	91	21994	0.058	ppbv	#	57
72) 4-Ethyltoluene	15.88	105	133303	0.512	ppbv	#	97
73) 1,3,5-Trimethylbenzene	16.03	105	121434	0.485	ppbv	#	83
74) 1,2,4-Trimethylbenzene	16.80	105	448444	1.621	ppbv	#	68
75) 1,3-Dichlorobenzene	17.05	146	8866	0.056	ppbv	#	22
79) Naphthalene	22.26	128	9936	0.041	ppbv	#	83
80) Naphthalene,2-methyl-	25.02	142	8882	0.118	ppbv	#	89

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

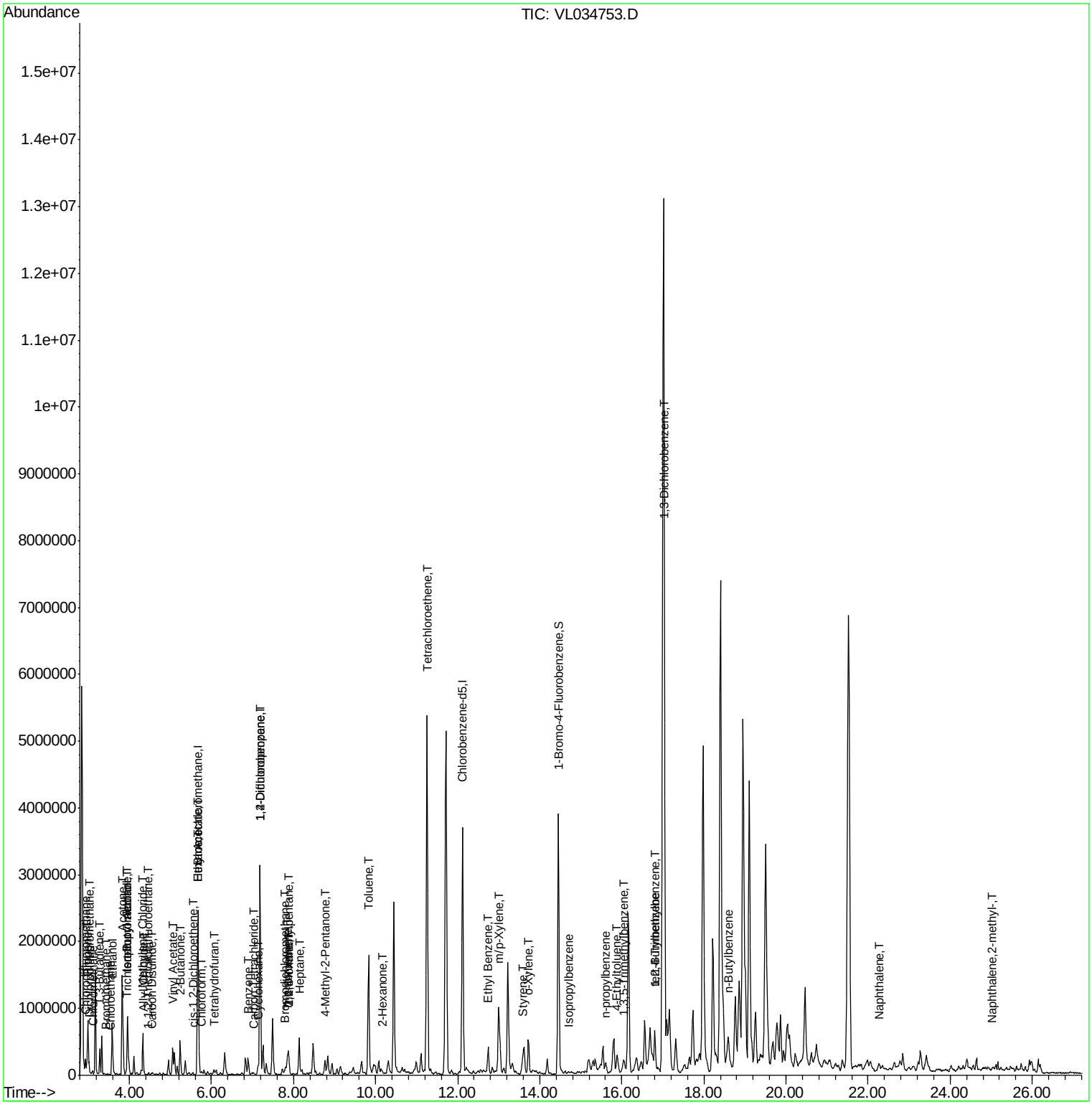
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022820\

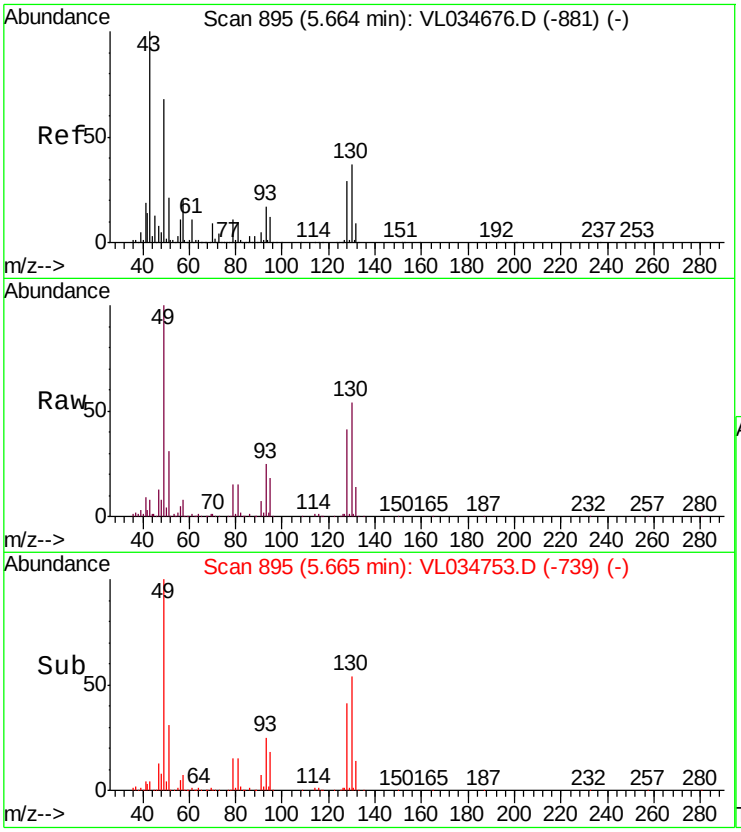
Quantitation Report (Not Reviewed)

Data File : VL034753.D
Acq On : 29 Feb 2020 1:48
Operator : SY/AP
Sample : L1698-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SS-8-4

Quant Time: Mar 02 04:39:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Feb 28 01:15:02 2020
QLast Update : Fri Feb 28 01:15:02 2020
Response via : Initial Calibration



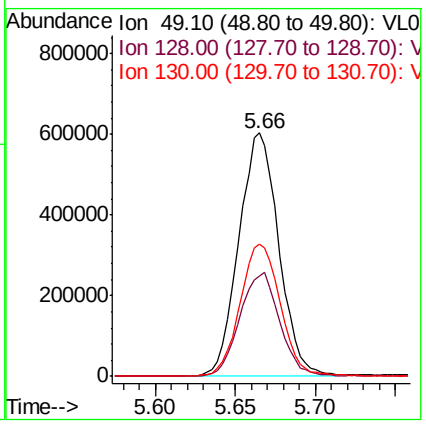


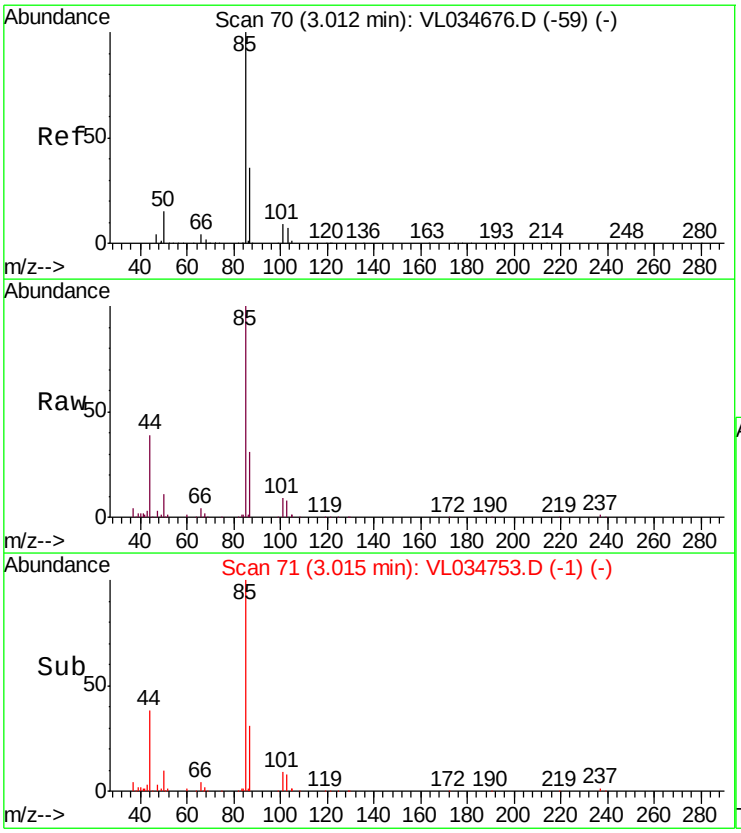
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 895
Delta R.T. 0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Instrument :
MSVOA_L
ClientSampleId :
SS-8-4

Tgt Ion: 49 Resp: 1030462

Ion	Ratio	Lower	Upper
49	100		
128	42.6	21.6	65.0
130	55.2	27.7	83.1

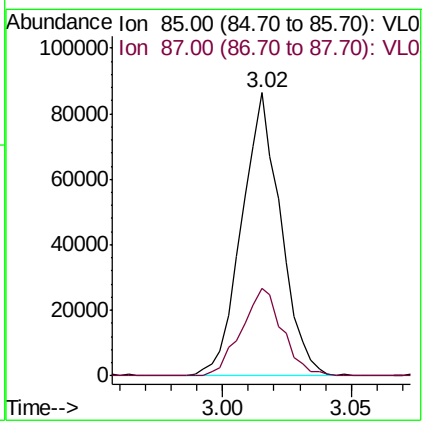


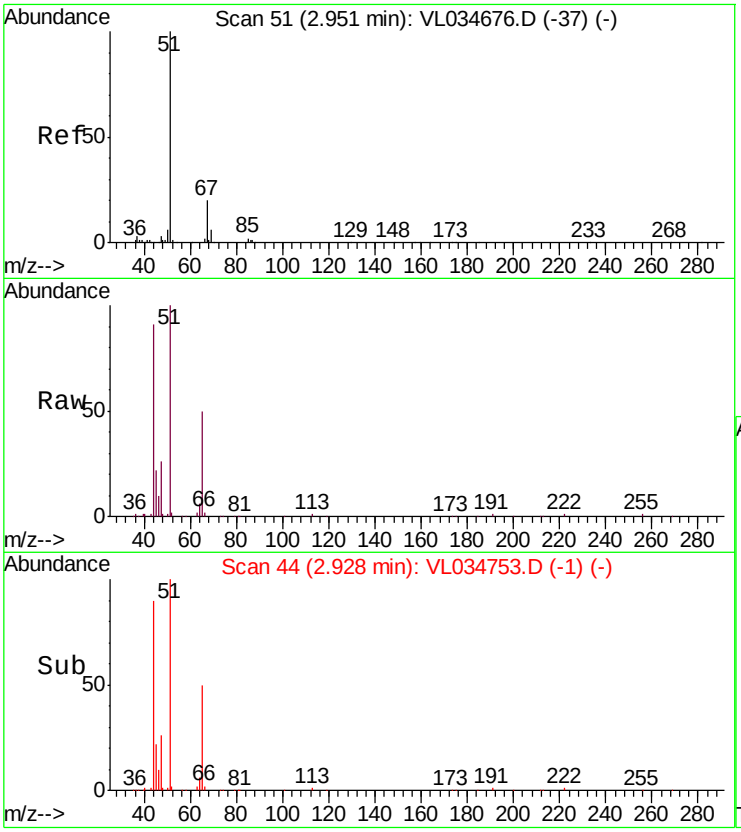


#2
Dichlorodifluoromethane
Concen: 0.561 ppbv
RT: 3.02 min Scan# 71
Delta R.T. 0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Tgt Ion: 85 Resp: 91146

Ion	Ratio	Lower	Upper
85	100		
87	30.7	29.2	43.8



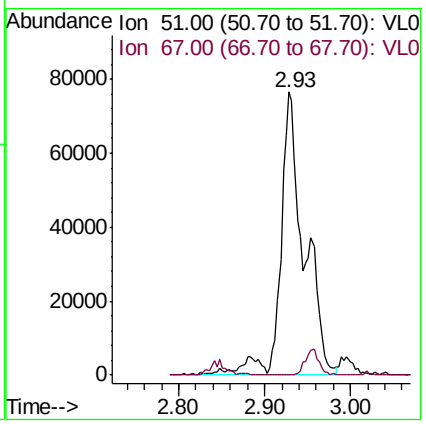


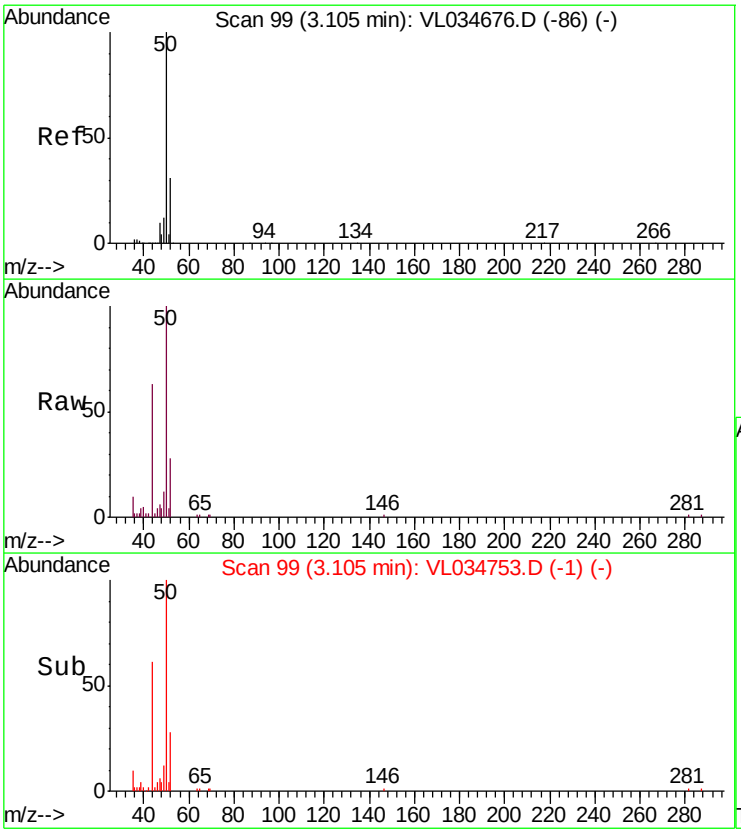
#3
Chlorodifluoromethane
Concen: 1.308 ppbv
RT: 2.93 min Scan# 44
Delta R.T. -0.02 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Instrument :
MSVOA_L
ClientSampleId :
SS-8-4

Tgt Ion: 51 Resp: 145434

Ion	Ratio	Lower	Upper
51	100		
67	5.3	15.5	23.3#

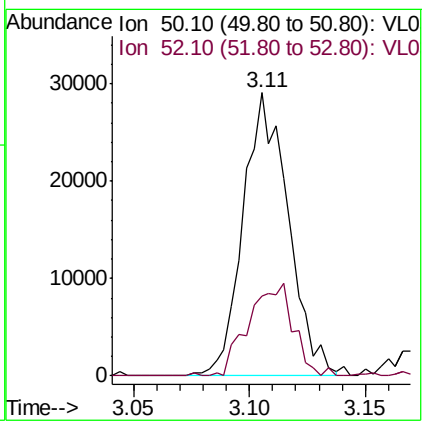


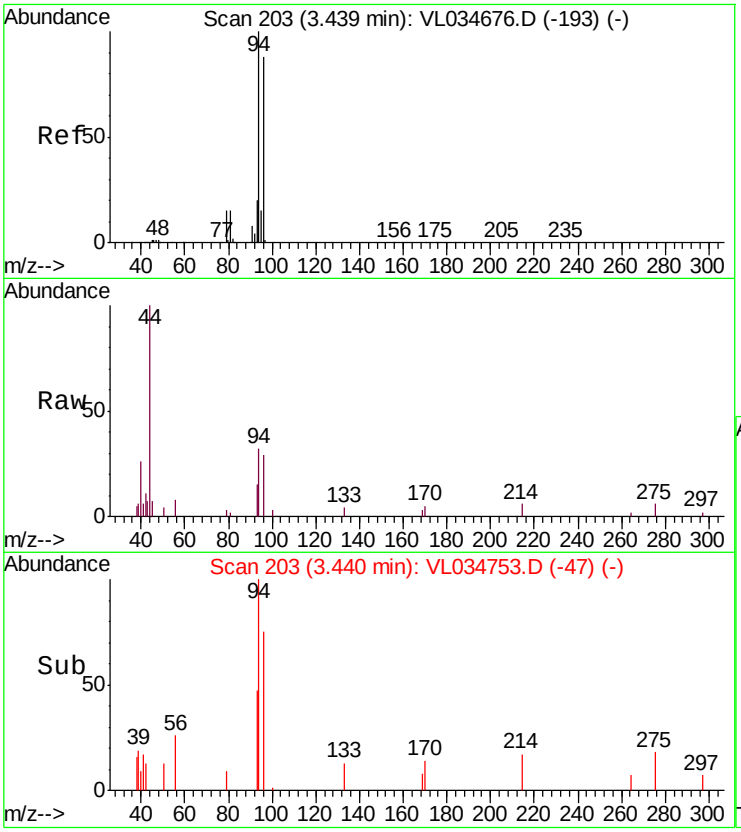


#4
Chloromethane
Concen: 0.631 ppbv
RT: 3.11 min Scan# 99
Delta R.T. 0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Tgt Ion: 50 Resp: 39275

Ion	Ratio	Lower	Upper
50	100		
52	28.0	25.0	37.4



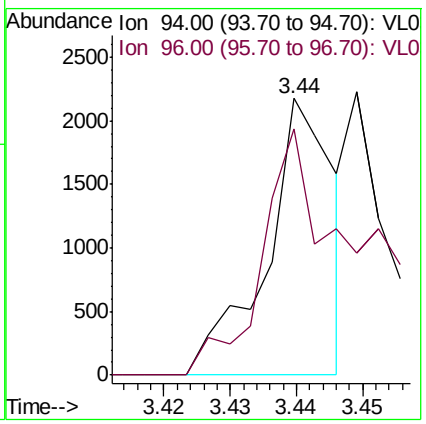


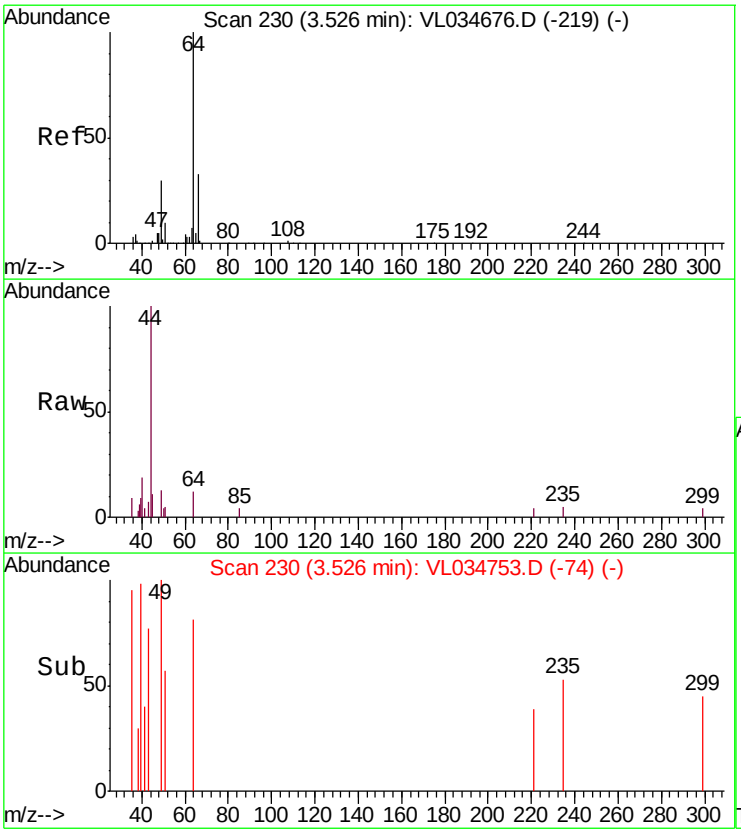
#6
Bromomethane
Concen: 0.043 ppbv
RT: 3.44 min Scan# 203
Delta R.T. 0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Instrument :
MSVOA_L
ClientSampleId :
SS-8-4

Tgt Ion: 94 Resp: 1527

Ion	Ratio	Lower	Upper
94	100		
96	88.9	70.5	105.7

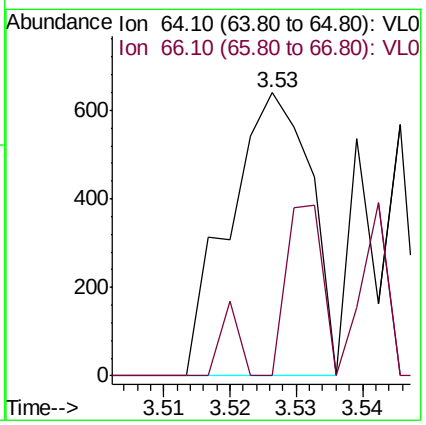


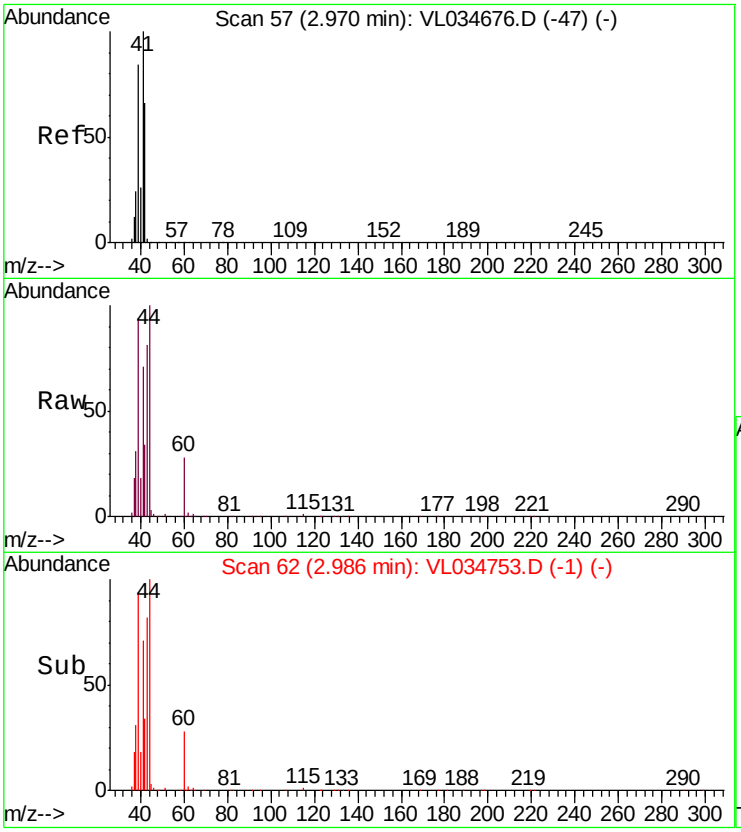


#7
Chloroethane
Concen: 0.024 ppbv
RT: 3.53 min Scan# 230
Delta R.T. 0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Tgt Ion: 64 Resp: 542

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.7	40.1#



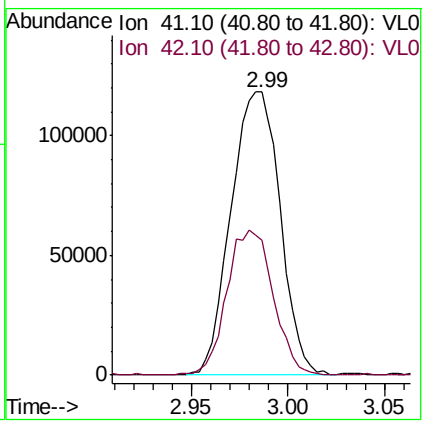


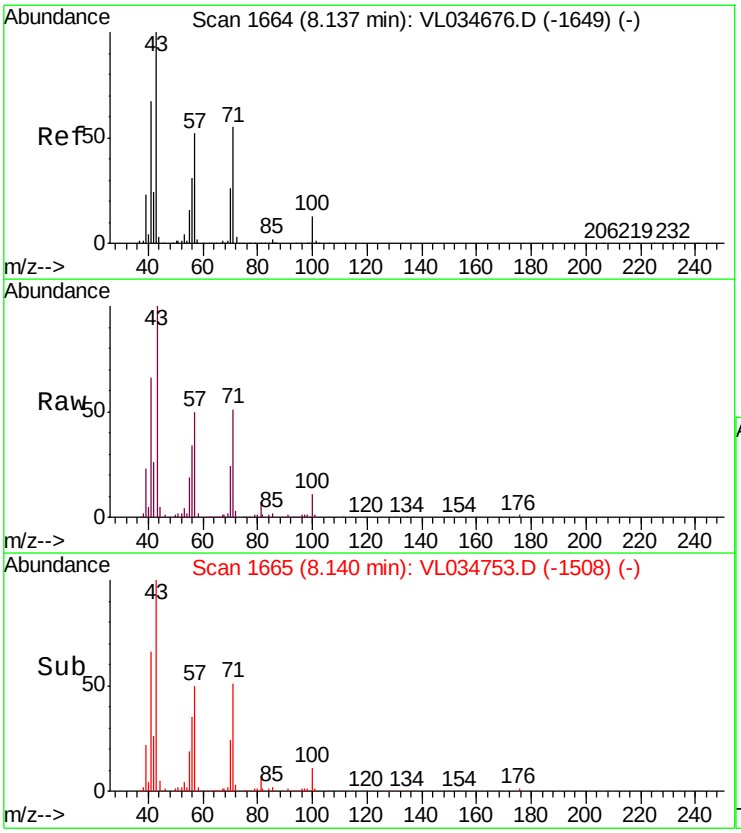
#9
Propene
Concen: 4.505 ppbv
RT: 2.99 min Scan# 62
Delta R.T. 0.02 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Instrument :
MSVOA_L
ClientSampleId :
SS-8-4

Tgt Ion: 41 Resp: 209420

Ion	Ratio	Lower	Upper
41	100		
42	48.5	54.9	82.3#

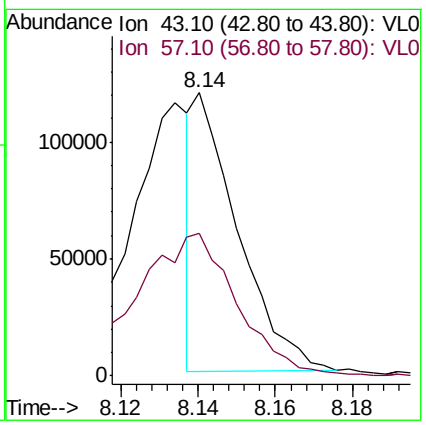


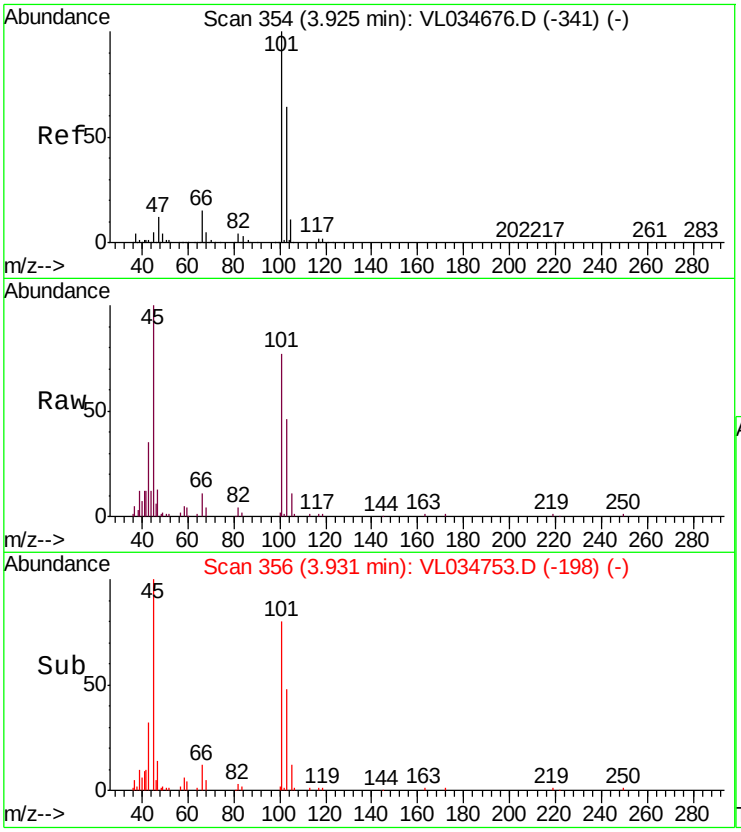


#10
Heptane
Concen: 0.784 ppbv
RT: 8.14 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Tgt Ion: 43 Resp: 93822

Ion	Ratio	Lower	Upper
43	100		
57	116.5	41.0	61.6#



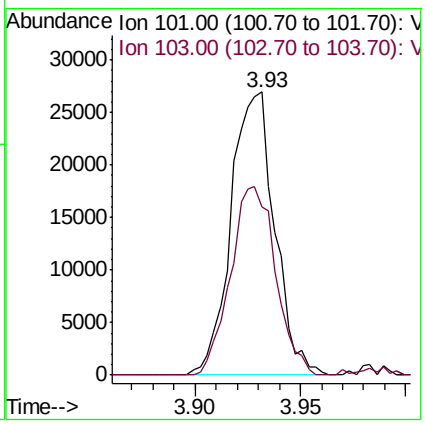


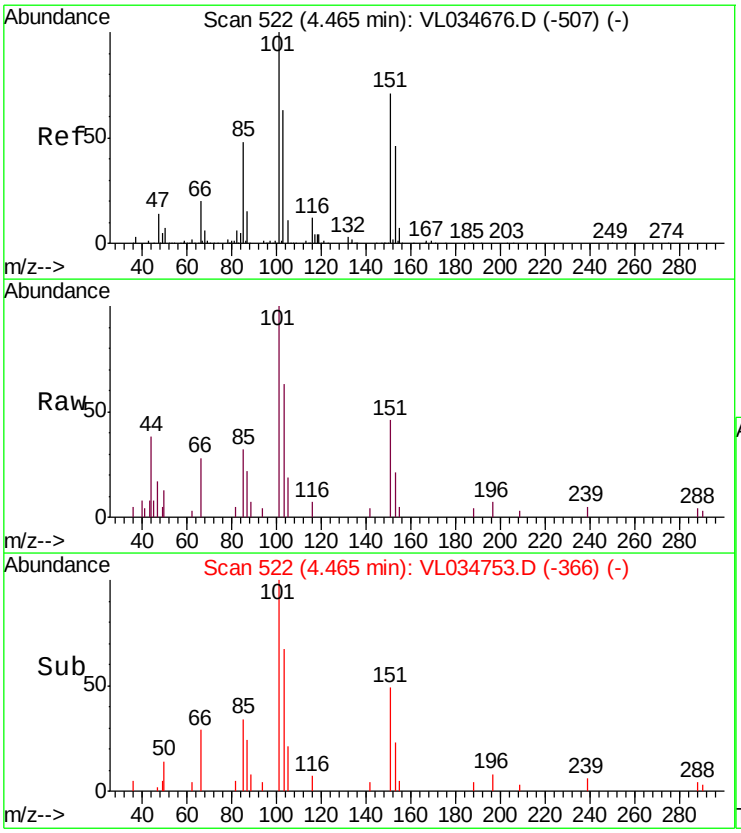
#11
Trichlorofluoromethane
Concen: 0.272 ppbv
RT: 3.93 min Scan# 356
Delta R.T. 0.01 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Instrument :
MSVOA_L
ClientSampleId :
SS-8-4

Tgt Ion:101 Resp: 38671

Ion	Ratio	Lower	Upper
101	100		
103	59.6	51.2	76.8

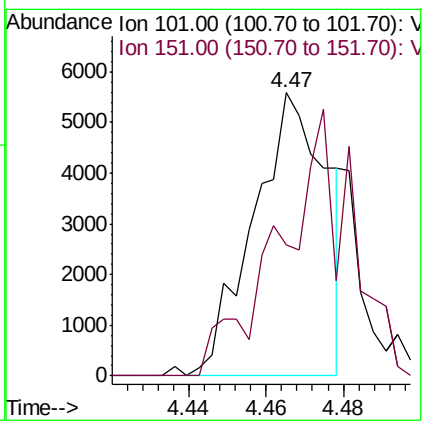


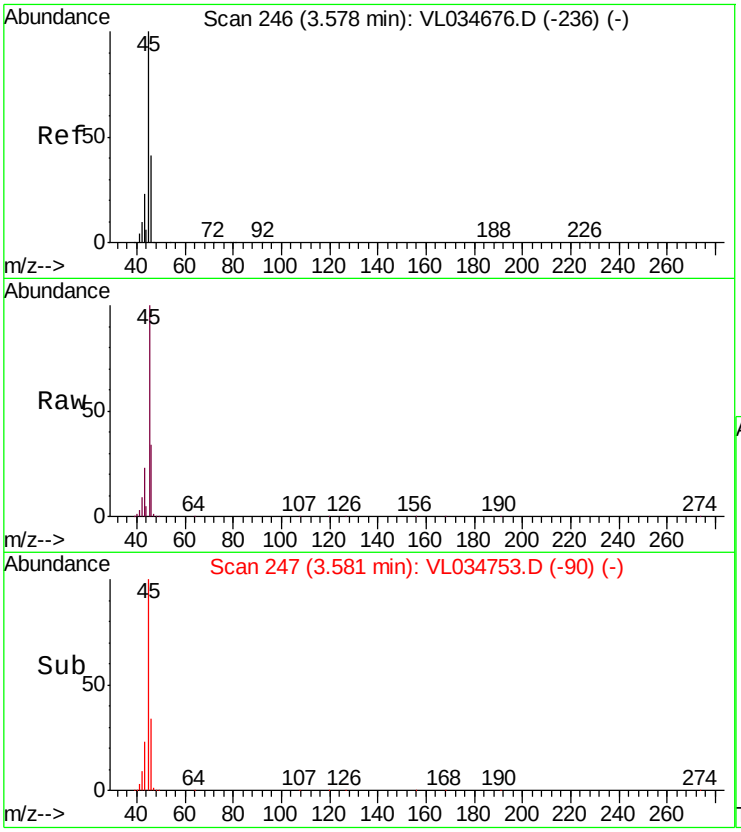


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.073 ppbv
RT: 4.47 min Scan# 522
Delta R.T. 0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Tgt Ion:101 Resp: 7304

Ion	Ratio	Lower	Upper
101	100		
151	93.2	55.8	83.6#



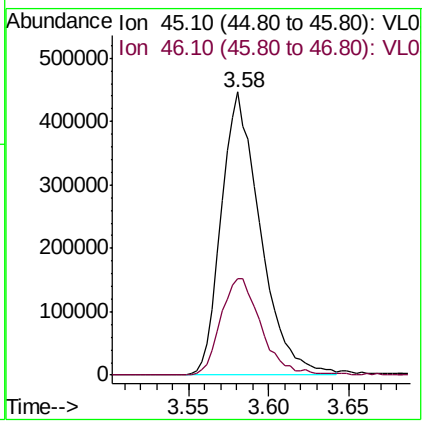


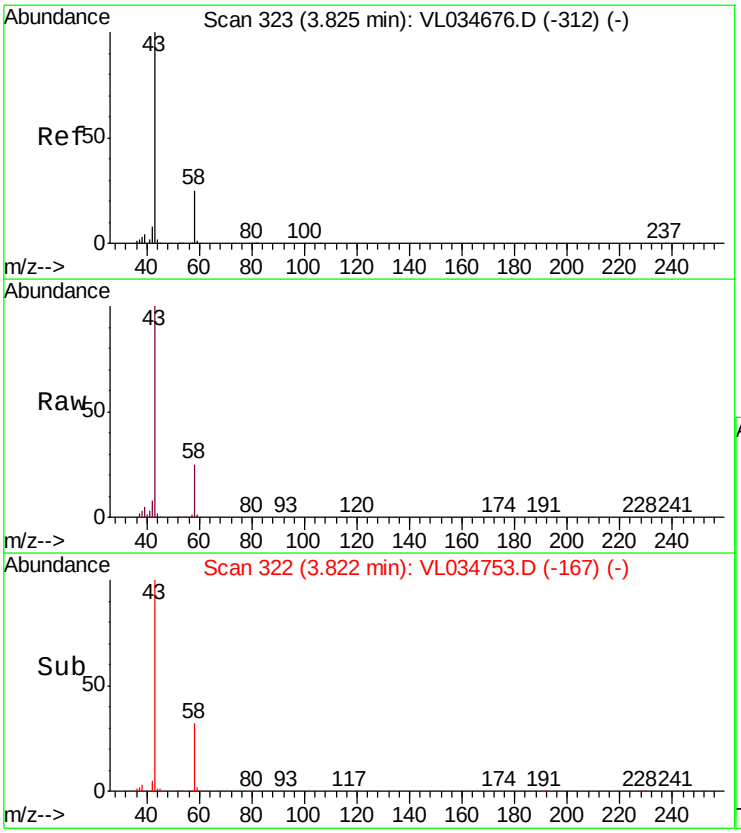
#13
Ethanol
Concen: 50.945 ppbv
RT: 3.58 min Scan# 247
Delta R.T. 0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Instrument :
MSVOA_L
ClientSampleId :
SS-8-4

Tgt Ion: 45 Resp: 748125

Ion	Ratio	Lower	Upper
45	100		
46	35.6	15.4	61.4

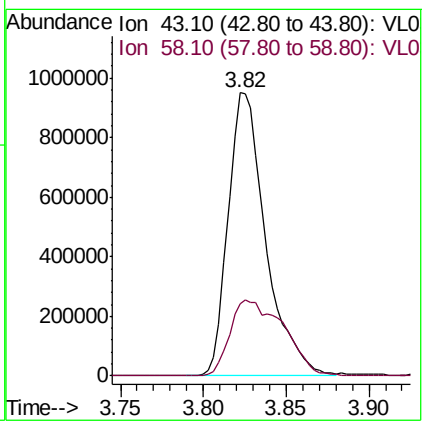


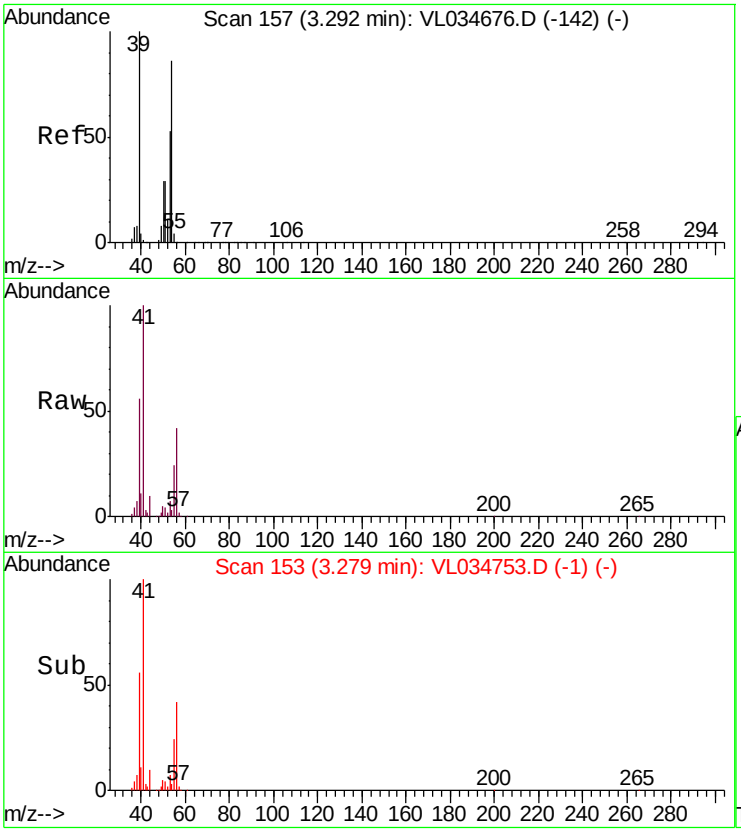


#15
Acetone
Concen: 12.770 ppbv
RT: 3.82 min Scan# 322
Delta R.T. -0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Tgt Ion: 43 Resp: 1499534

Ion	Ratio	Lower	Upper
43	100		
58	38.5	21.4	32.0#



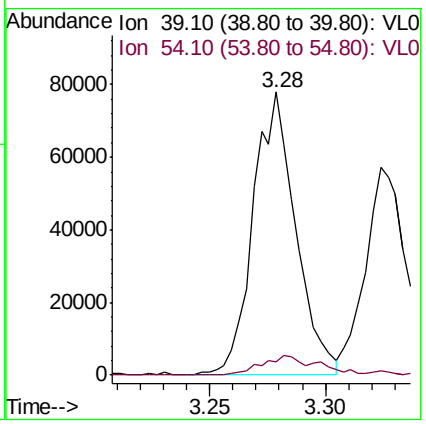


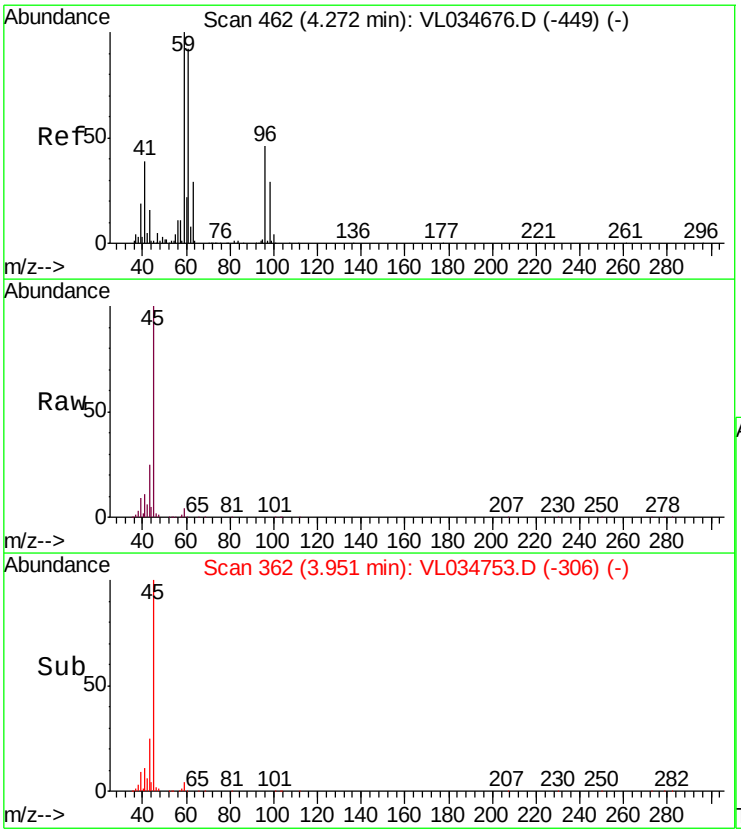
#16
1,3-Butadiene
Concen: 1.833 ppbv
RT: 3.28 min Scan# 153
Delta R.T. -0.01 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Instrument : MSVOA_L
ClientSampleId : SS-8-4

Tgt Ion: 39 Resp: 99659

Ion	Ratio	Lower	Upper
39	100		
54	10.2	67.0	100.6#

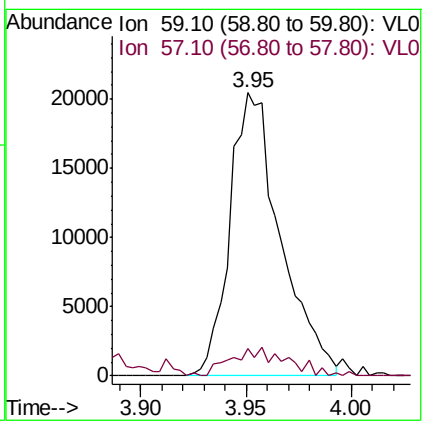


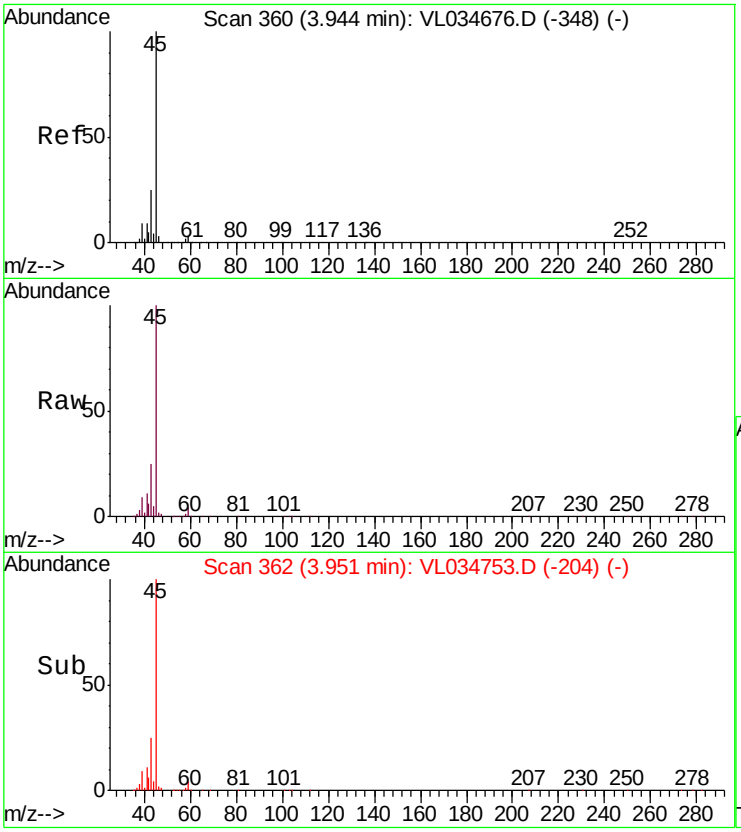


#17
tert-Butyl alcohol
Concen: 0.378 ppbv
RT: 3.95 min Scan# 362
Delta R.T. -0.32 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Tgt Ion: 59 Resp: 34052

Ion	Ratio	Lower	Upper
59	100		
57	12.5	8.8	13.2



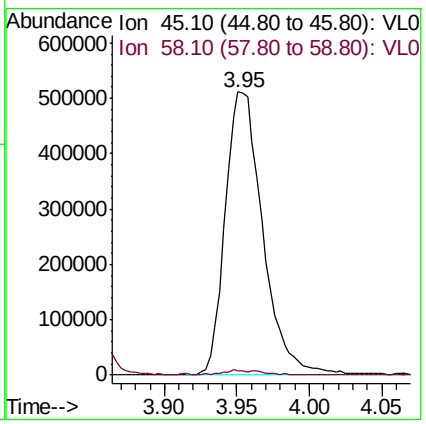


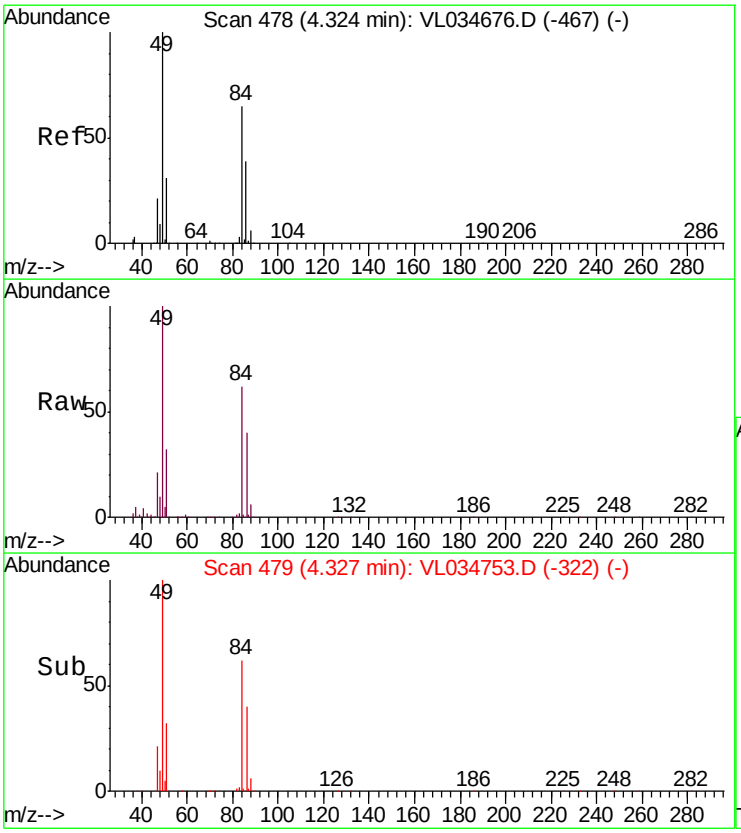
#19
Isopropyl Alcohol
Concen: 13.046 ppbv
RT: 3.95 min Scan# 362
Delta R.T. 0.01 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Instrument : MSVOA_L
ClientSampleId : SS-8-4

Tgt Ion: 45 Resp: 912475

Ion	Ratio	Lower	Upper
45	100		
58	63.4	1.8	2.6#

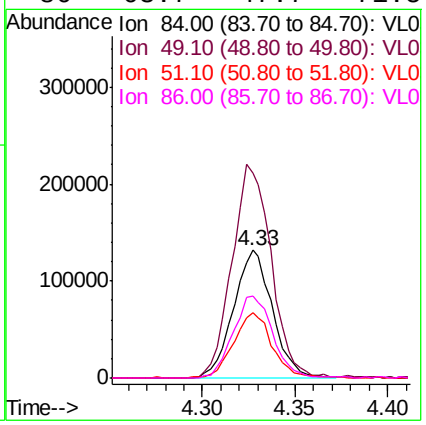


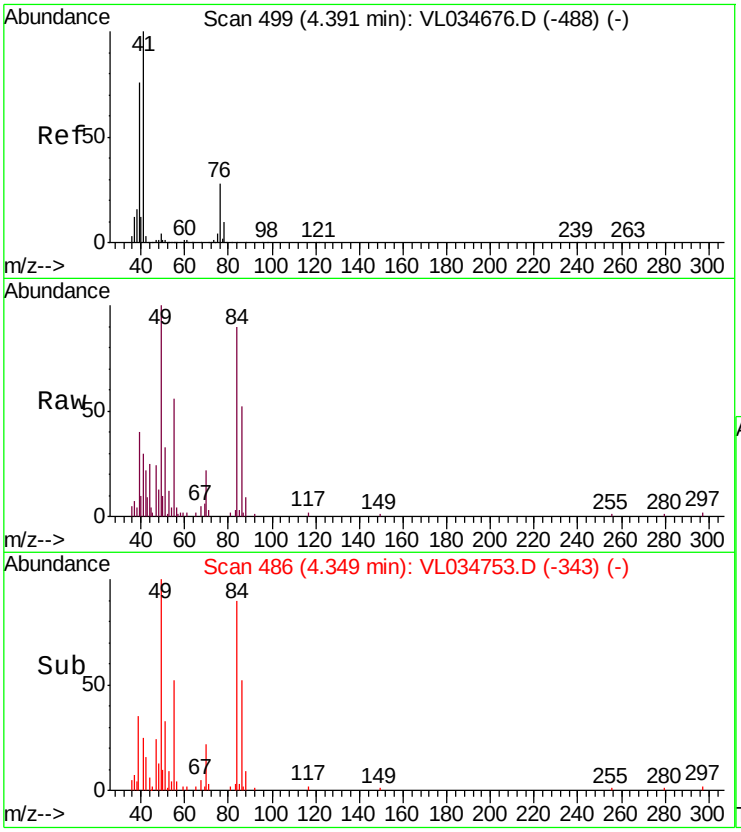


#20
Methylene Chloride
Concen: 4.393 ppbv
RT: 4.33 min Scan# 479
Delta R.T. 0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Tgt Ion: 84 Resp: 191866

Ion	Ratio	Lower	Upper
84	100		
49	160.0	122.8	184.2
51	51.0	38.6	58.0
86	63.7	47.7	71.5



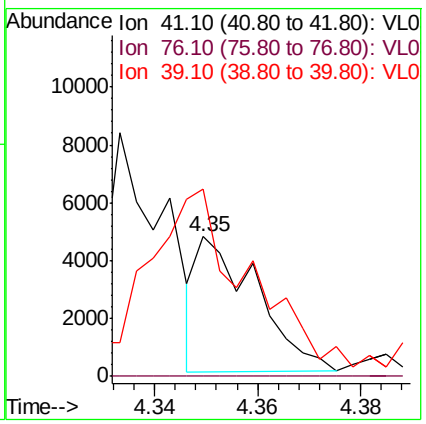


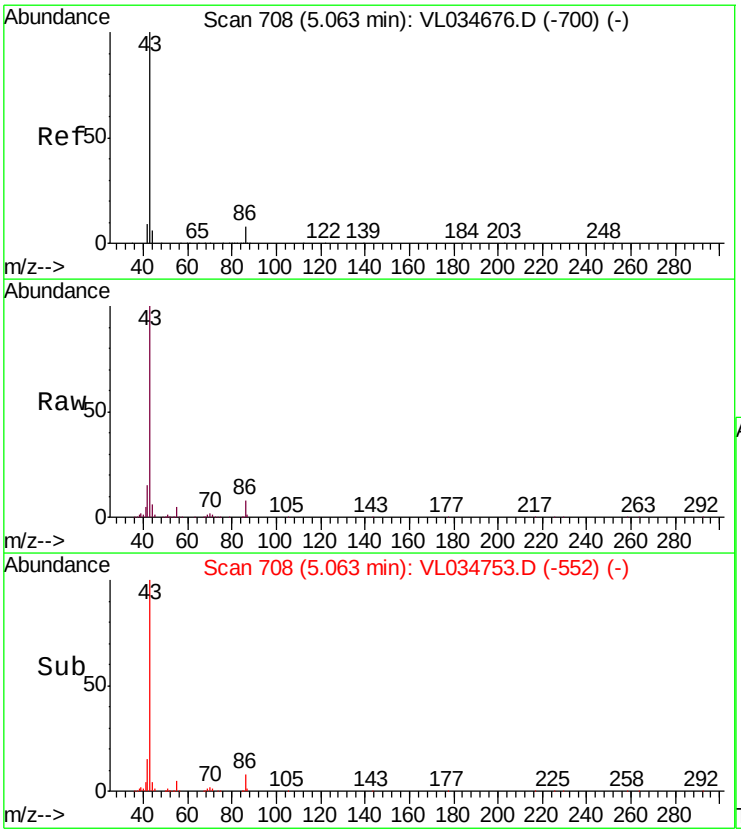
#21
Allyl Chloride
Concen: 0.049 ppbv
RT: 4.35 min Scan# 486
Delta R.T. -0.04 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Instrument : MSVOA_L
ClientSampleId : SS-8-4

Tgt Ion: 41 Resp: 3770

Ion	Ratio	Lower	Upper
41	100		
76	0.0	22.8	34.2#
39	285.6	61.7	92.5#

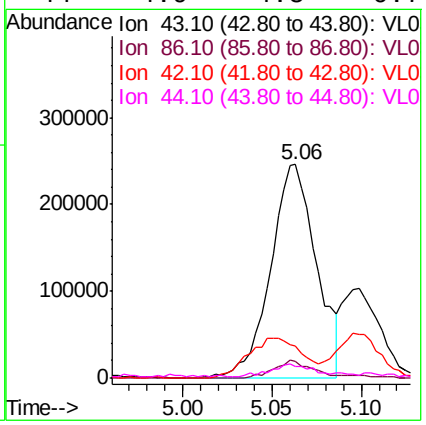


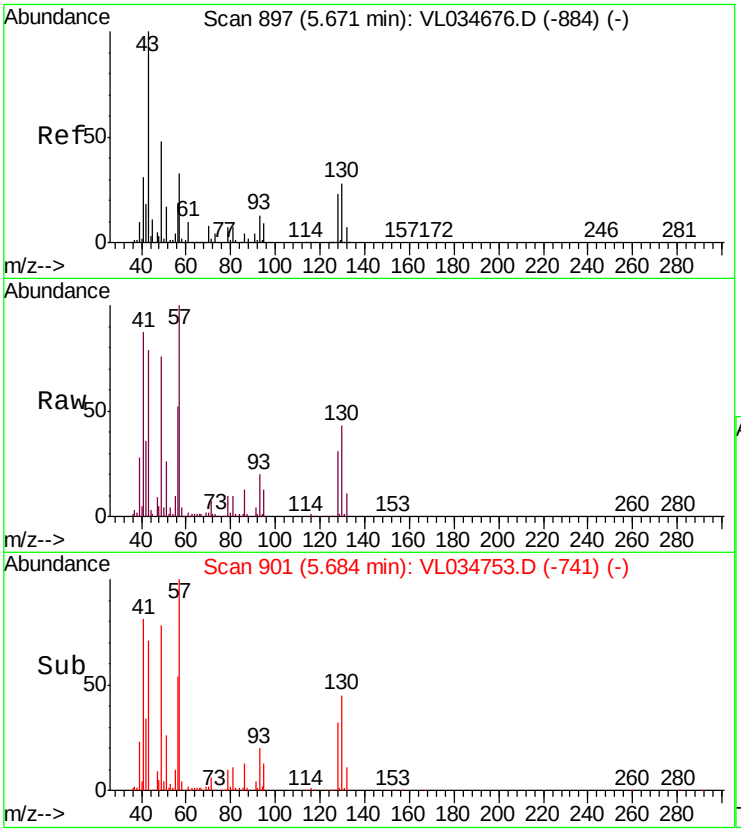


#23
Vinyl Acetate
Concen: 2.759 ppbv
RT: 5.06 min Scan# 708
Delta R.T. 0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Tgt Ion: 43 Resp: 440419

Ion	Ratio	Lower	Upper
43	100		
86	7.8	6.0	9.0
42	14.8	8.0	12.0#
44	4.9	4.5	6.7



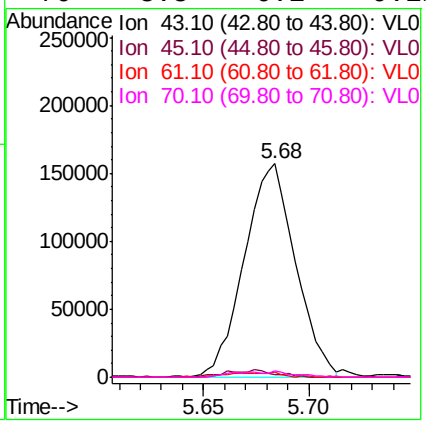


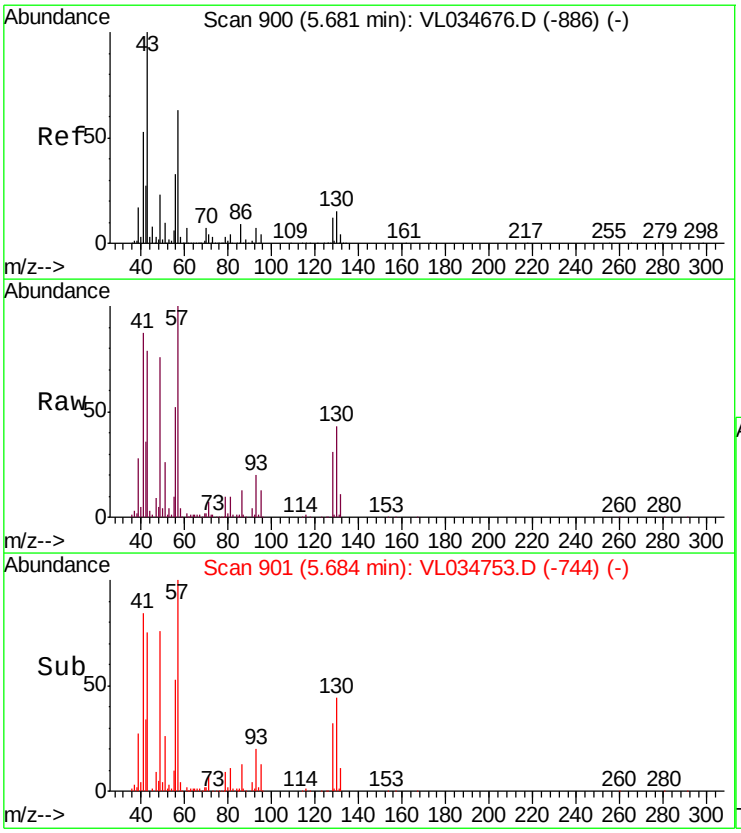
#25
Ethyl Acetate
Concen: 1.267 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.01 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Instrument : MSVOA_L
ClientSampleId : SS-8-4

Tgt Ion: 43 Resp: 263280

Ion	Ratio	Lower	Upper
43	100		
45	3.4	8.2	12.4#
61	2.5	7.8	11.6#
70	3.3	6.1	9.1#

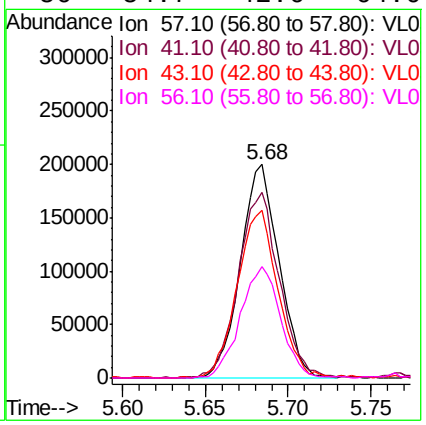


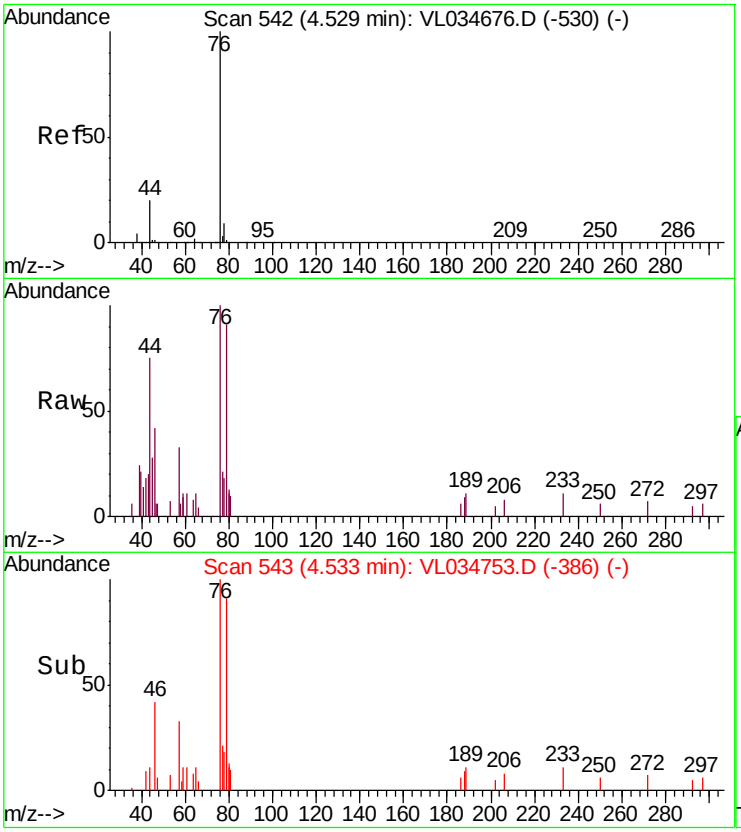


#26
Hexane
Concen: 3.370 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Tgt Ion: 57 Resp: 322873

Ion	Ratio	Lower	Upper
57	100		
41	93.0	70.3	105.5
43	83.9	177.0	265.4#
56	54.7	42.6	64.0



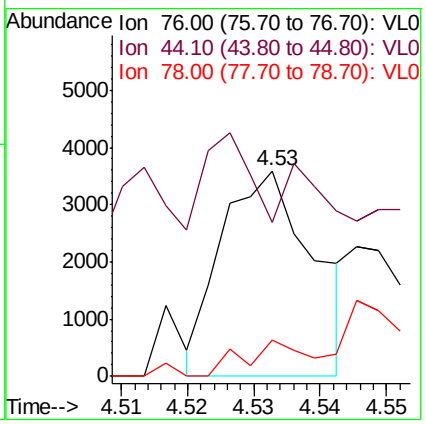


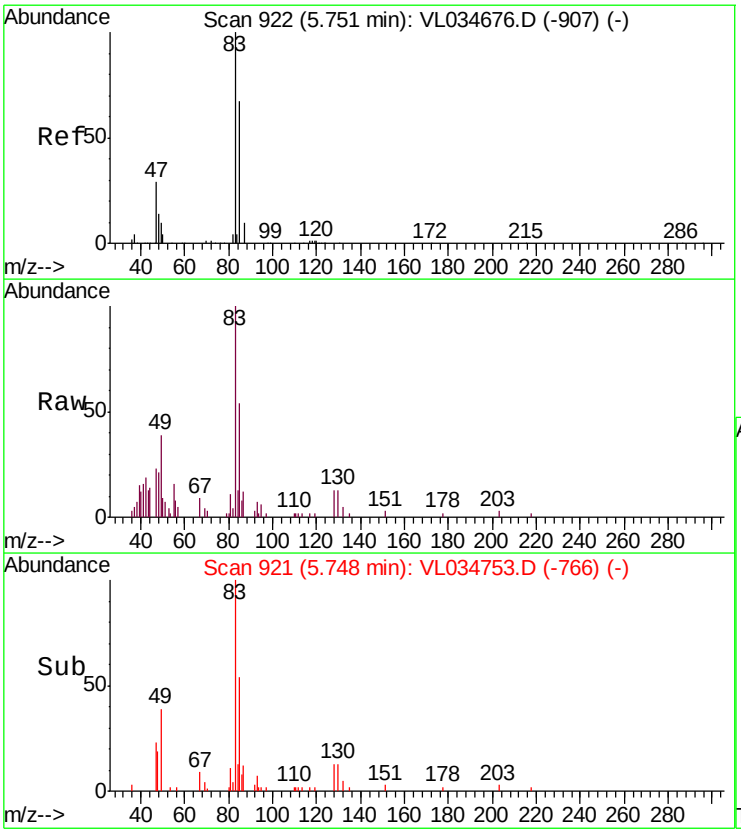
#27
Carbon Disulfide
Concen: 0.032 ppbv
RT: 4.53 min Scan# 543
Delta R.T. 0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Instrument : MSVOA_L
ClientSampleId : SS-8-4

Tgt Ion: 76 Resp: 3440

Ion	Ratio	Lower	Upper
76	100		
44	153.8	15.3	22.9#
78	0.0	7.6	11.4#

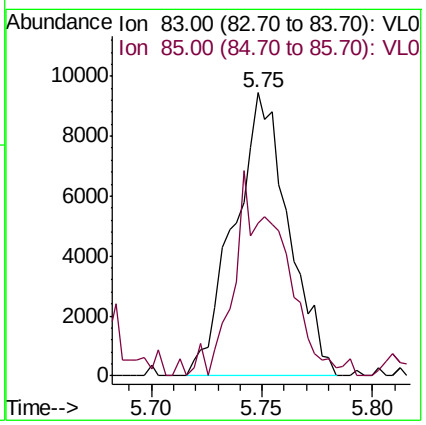


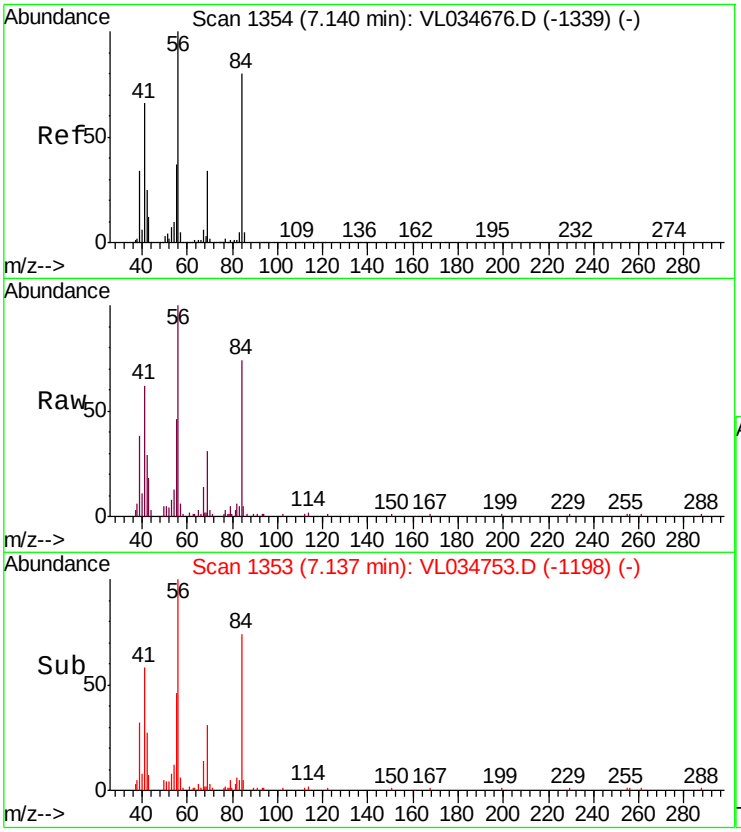


#29
Chloroform
Concen: 0.106 ppbv
RT: 5.75 min Scan# 921
Delta R.T. -0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Tgt Ion: 83 Resp: 16193

Ion	Ratio	Lower	Upper
83	100		
85	54.0	53.9	80.9



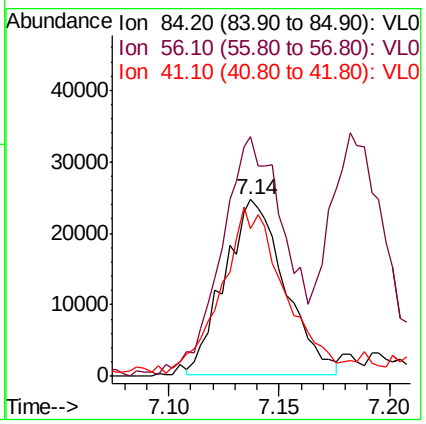


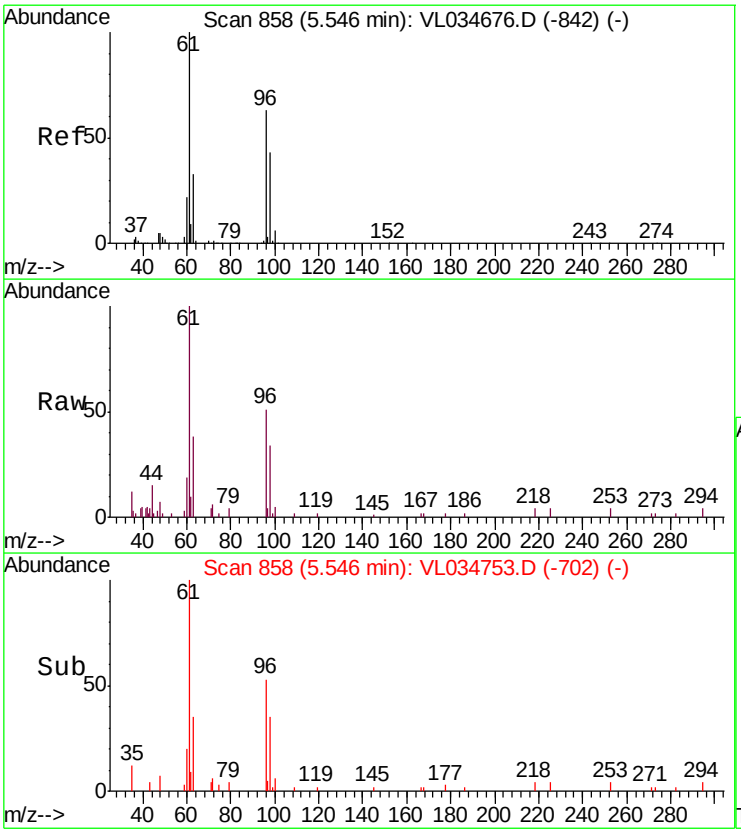
#30
Cyclohexane
Concen: 0.627 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. -0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Instrument : MSVOA_L
ClientSampleId : SS-8-4

Tgt Ion: 84 Resp: 46527

Ion	Ratio	Lower	Upper
84	100		
56	141.2	113.4	170.2
41	106.9	68.2	102.4#

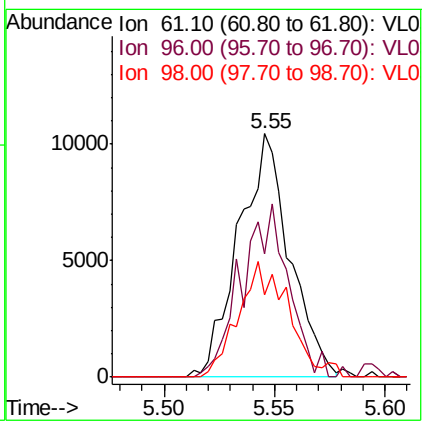


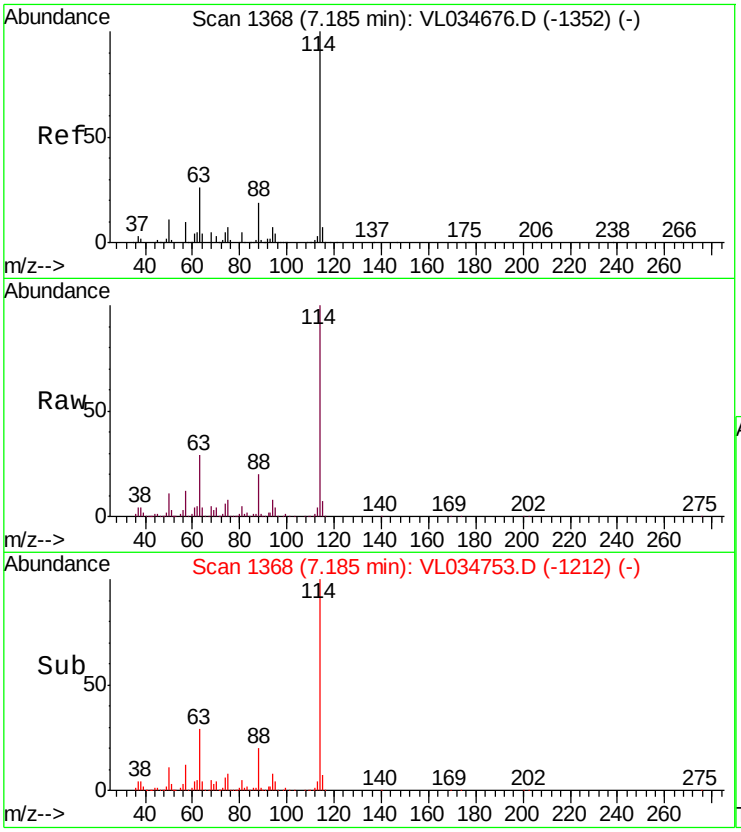


#31
cis-1,2-Dichloroethene
Concen: 0.178 ppbv
RT: 5.55 min Scan# 858
Delta R.T. 0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Tgt Ion: 61 Resp: 16819

Ion	Ratio	Lower	Upper
61	100		
96	46.0	50.2	75.2#
98	30.5	34.3	51.5#



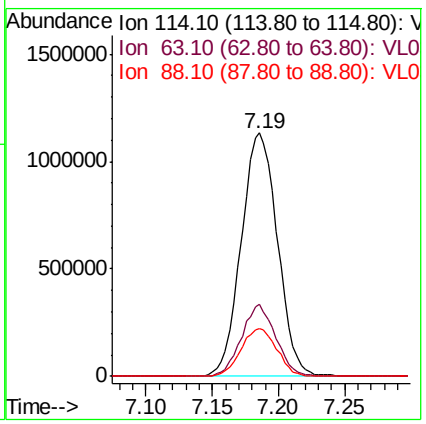


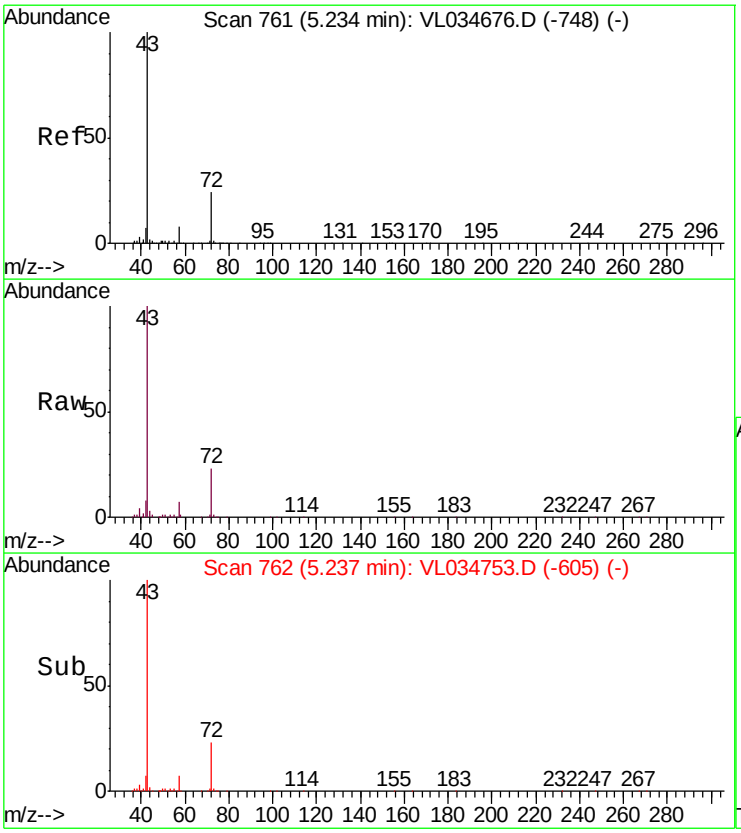
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Instrument :
MSVOA_L
ClientSampleId :
SS-8-4

Tgt Ion:114 Resp: 2155951

Ion	Ratio	Lower	Upper
114	100		
63	27.9	22.9	34.3
88	19.5	15.8	23.6

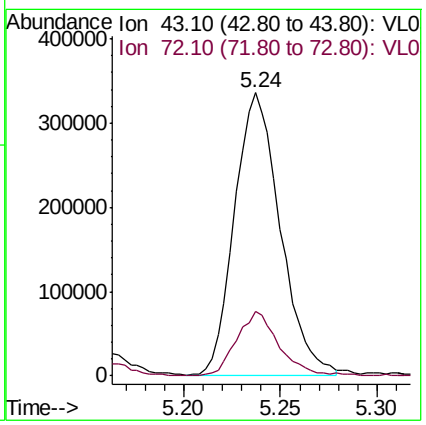


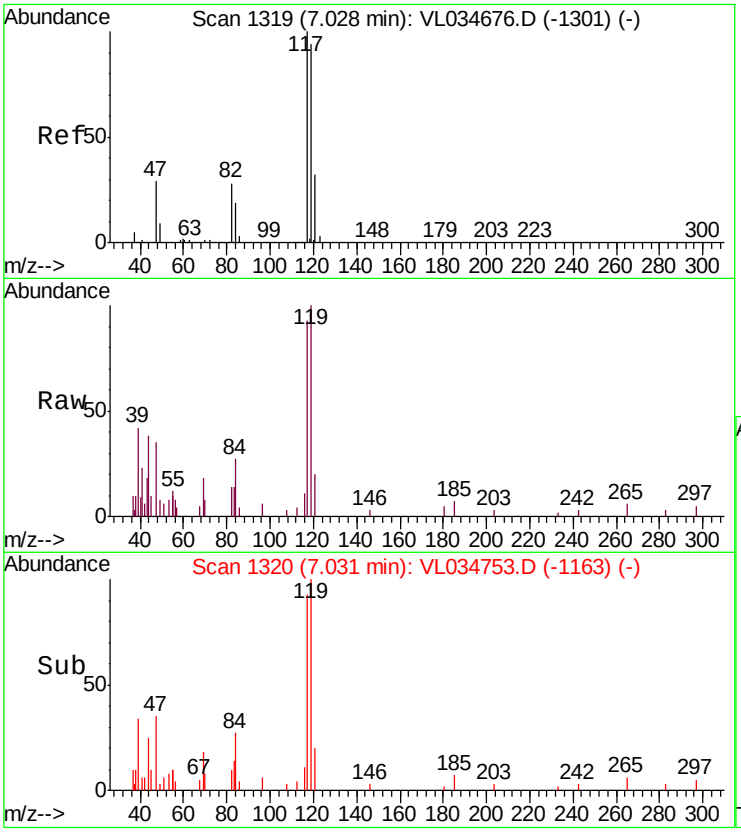


#34
2-Butanone
Concen: 4.050 ppbv
RT: 5.24 min Scan# 762
Delta R.T. 0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Tgt Ion: 43 Resp: 549555

Ion	Ratio	Lower	Upper
43	100		
72	21.5	18.2	27.2



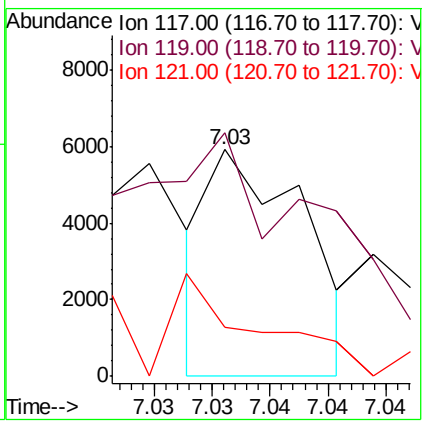


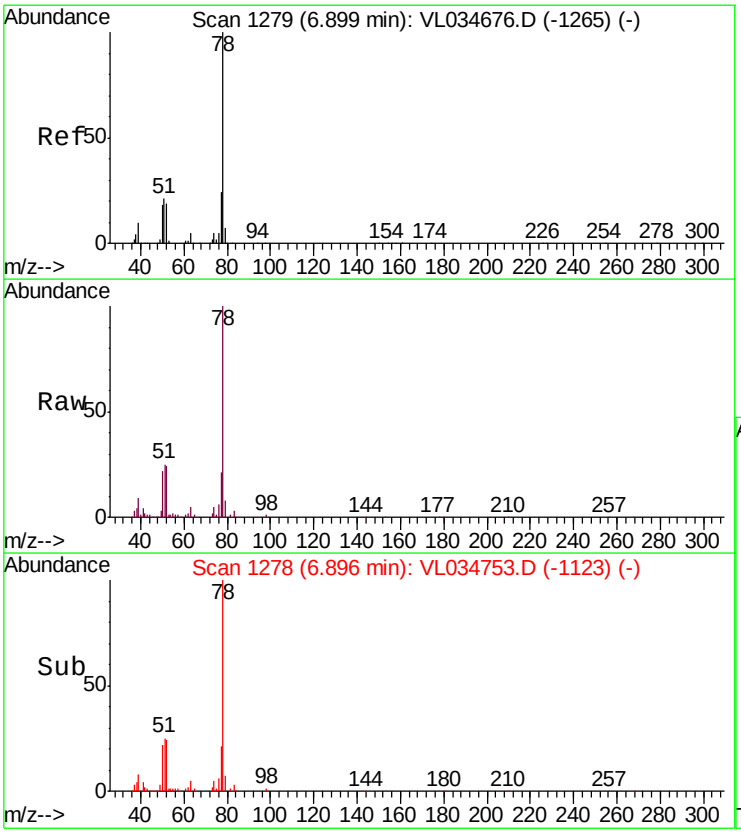
#35
Carbon Tetrachloride
Concen: 0.024 ppbv
RT: 7.03 min Scan# 1320
Delta R.T. 0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Instrument : MSVOA_L
ClientSampleId : SS-8-4

Tgt Ion:117 Resp: 3406

Ion	Ratio	Lower	Upper
117	100		
119	56.0	75.5	113.3#
121	9.8	25.4	38.0#

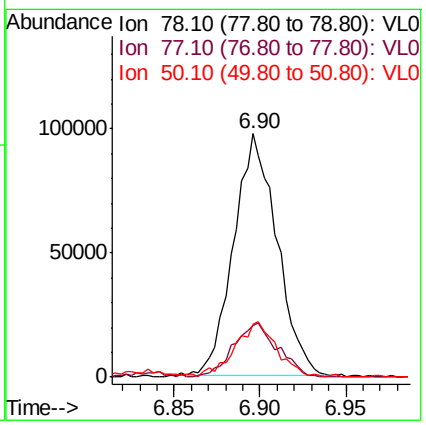


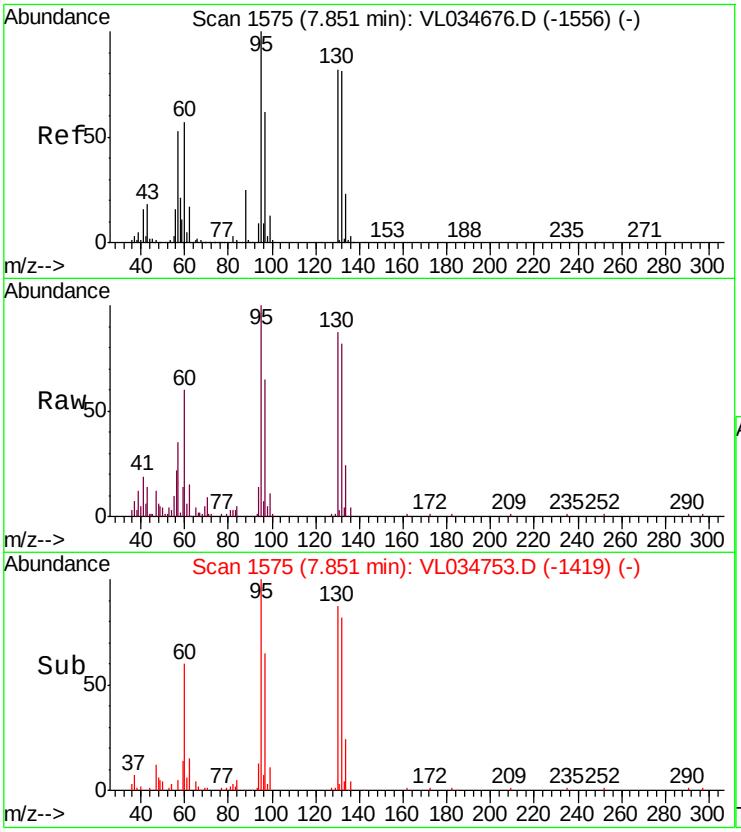


#36
Benzene
Concen: 0.920 ppbv
RT: 6.90 min Scan# 1278
Delta R.T. -0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Tgt Ion: 78 Resp: 171380

Ion	Ratio	Lower	Upper
78	100		
77	21.1	19.5	29.3
50	20.7	14.6	21.8



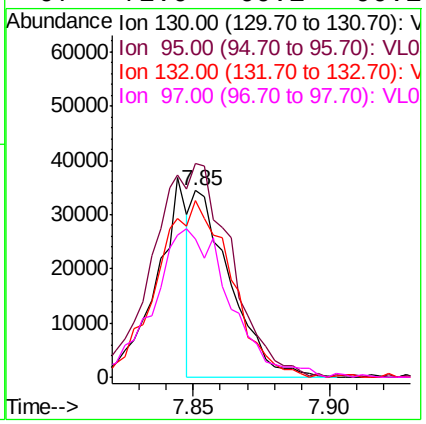


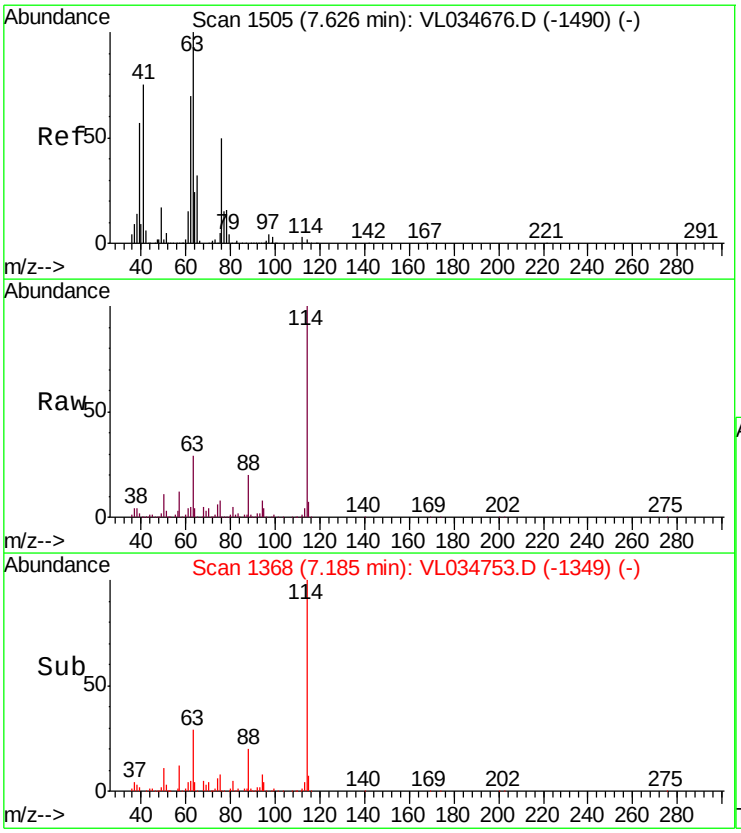
#38
Trichloroethene
Concen: 0.467 ppbv
RT: 7.85 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Instrument : MSVOA_L
ClientSampleId : SS-8-4

Tgt Ion:130 Resp: 33534

Ion	Ratio	Lower	Upper
130	100		
95	113.4	97.1	145.7
132	93.5	78.3	117.5
97	72.0	60.1	90.1

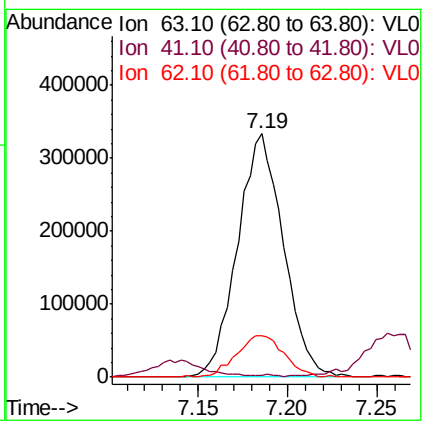


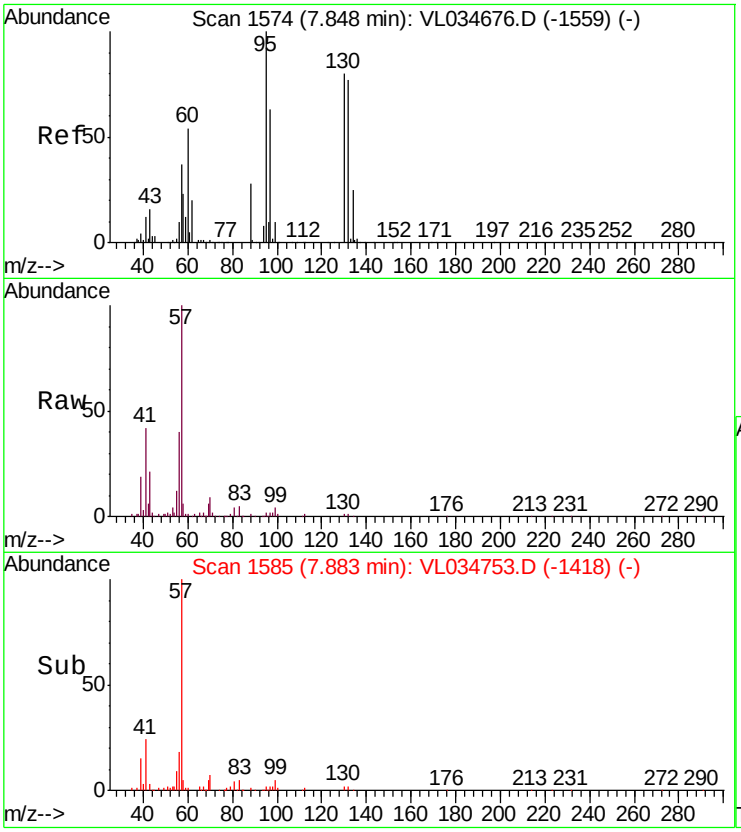


#39
1,2-Dichloropropane
Concen: 8.076 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. -0.44 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Tgt Ion: 63 Resp: 598257

Ion	Ratio	Lower	Upper
63	100		
41	0.0	60.2	90.4#
62	17.1	56.3	84.5#



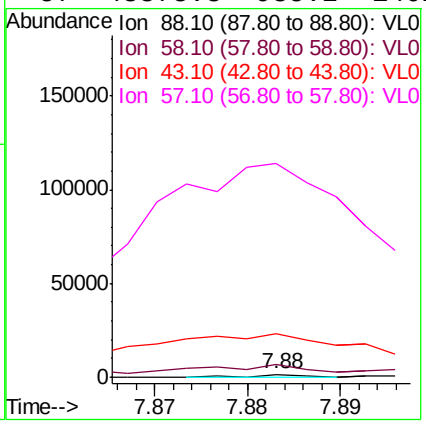


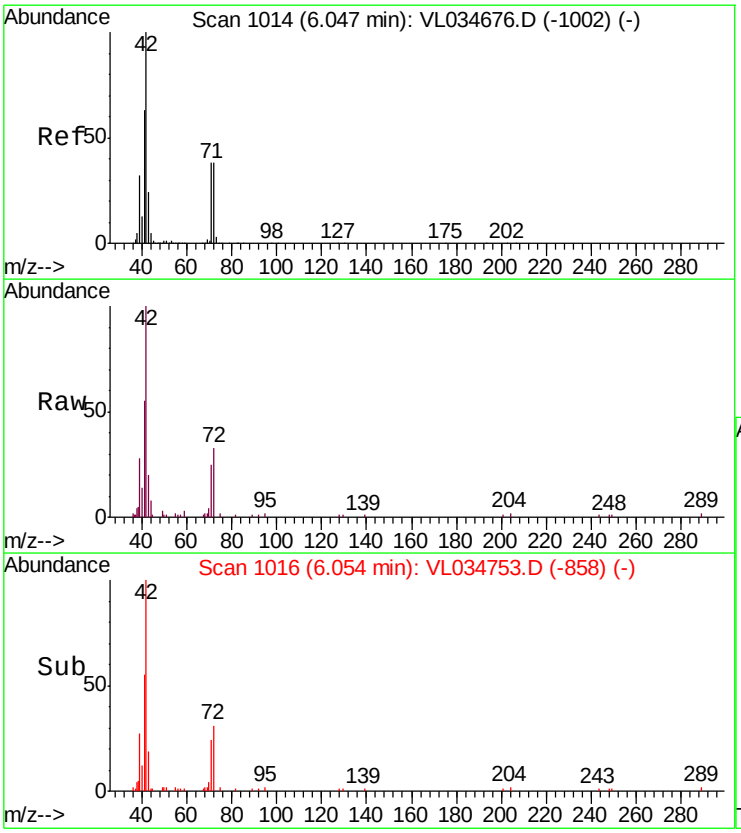
#40
1,4-Dioxane
Concen: 0.024 ppbv
RT: 7.88 min Scan# 1585
Delta R.T. 0.04 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Instrument : MSVOA_L
ClientSampleId : SS-8-4

Tgt Ion: 88 Resp: 595

Ion	Ratio	Lower	Upper
88	100		
58	1983.5	104.6	156.8#
43	8395.1	212.9	319.3#
57	43378.3	935.2	1402.8#

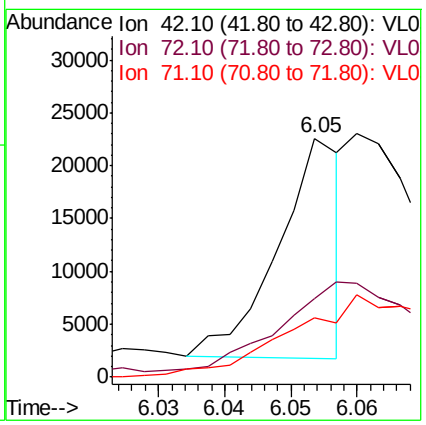


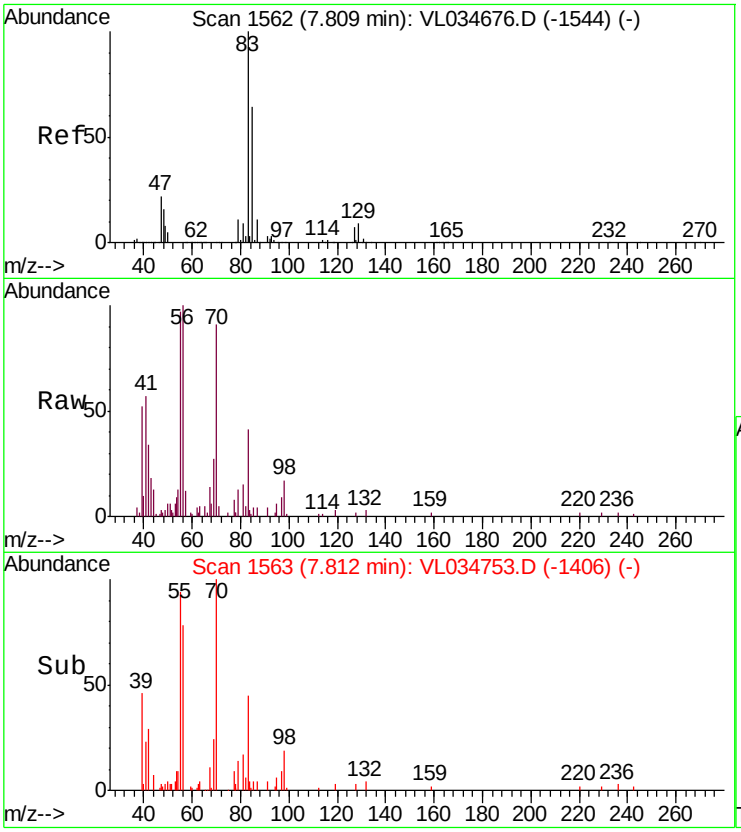


#41
Tetrahydrofuran
Concen: 0.193 ppbv
RT: 6.05 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Tgt Ion: 42 Resp: 13838

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.7	47.5#
71	0.0	30.7	46.1#



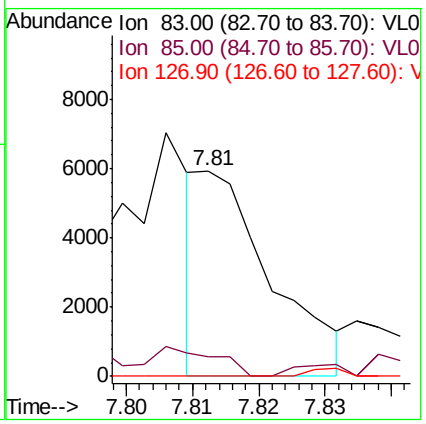


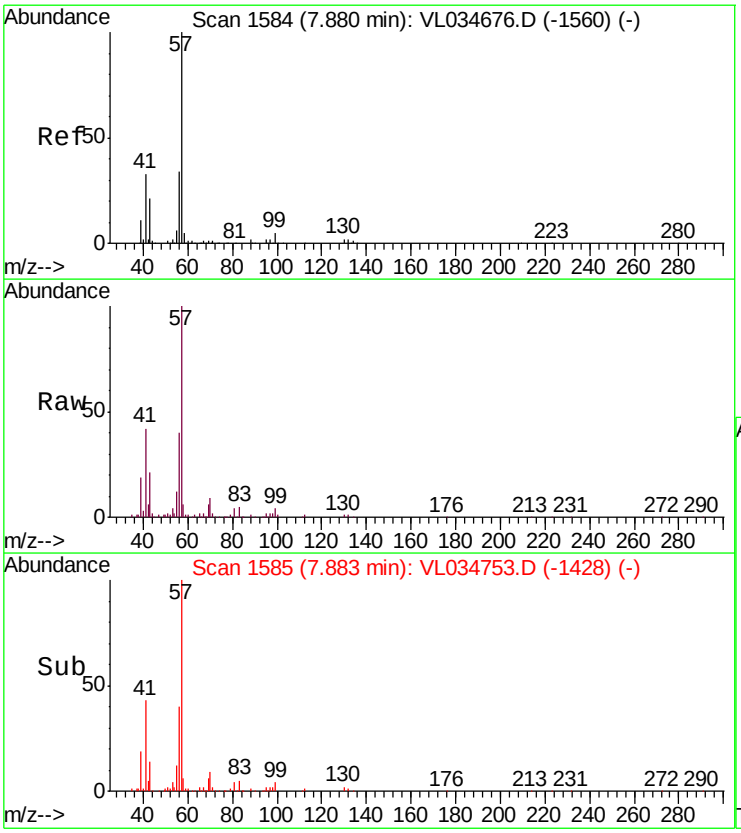
#42
Bromodichloromethane
Concen: 0.029 ppbv
RT: 7.81 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Instrument :
MSVOA_L
ClientSampleId :
SS-8-4

Tgt Ion: 83 Resp: 4463

Ion	Ratio	Lower	Upper
83	100		
85	5.1	51.1	76.7#
127	0.0	5.8	8.8#

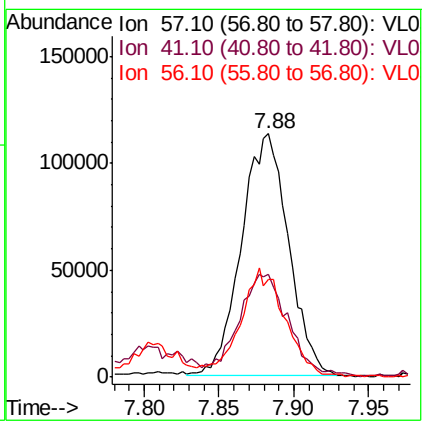


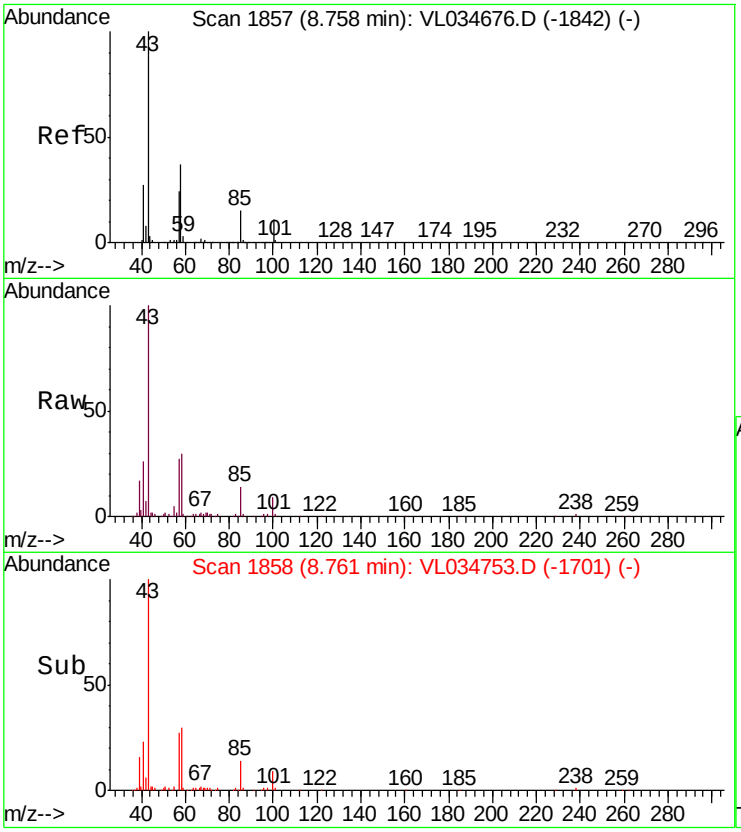


#44
2,2,4-Trimethylpentane
Concen: 0.758 ppbv
RT: 7.88 min Scan# 1585
Delta R.T. 0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Tgt Ion: 57 Resp: 246781

Ion	Ratio	Lower	Upper
57	100		
41	44.4	26.0	39.0#
56	42.7	25.6	38.4#



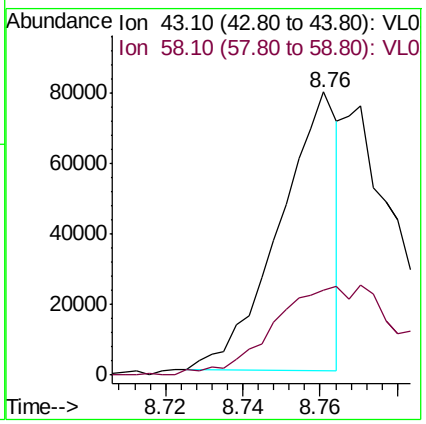


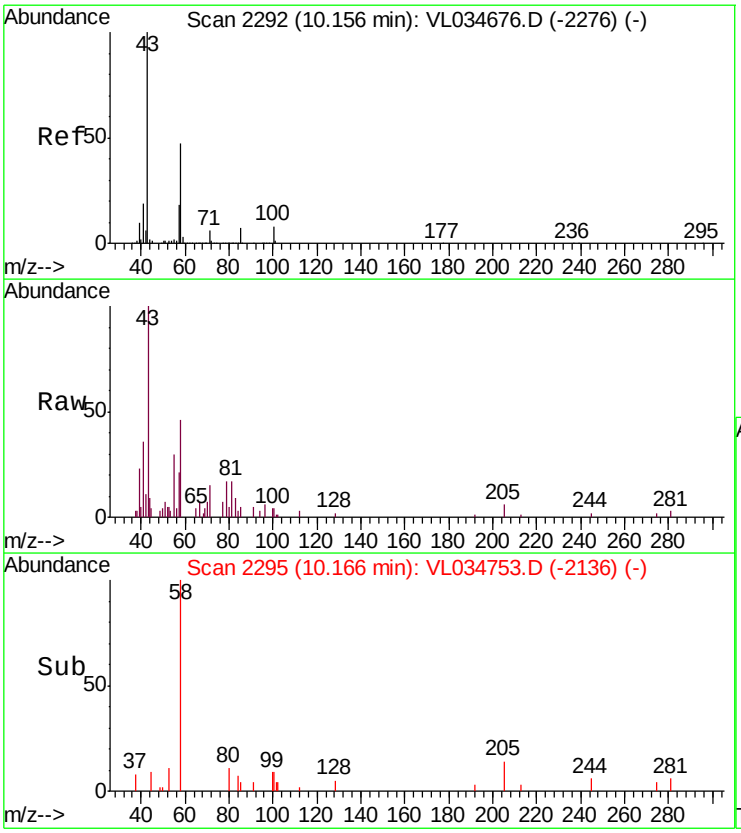
#50
4-Methyl-2-Pentanone
Concen: 0.430 ppbv
RT: 8.76 min Scan# 1858
Delta R.T. 0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Instrument : MSVOA_L
ClientSampleId : SS-8-4

Tgt Ion: 43 Resp: 82640

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.0	43.6#

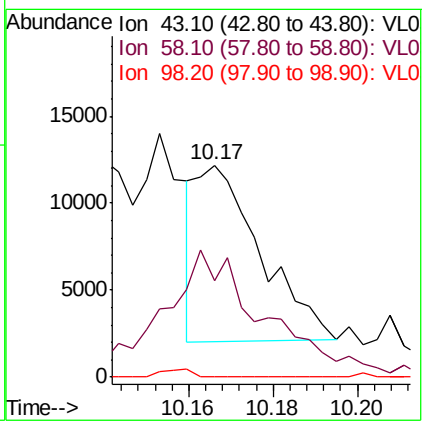


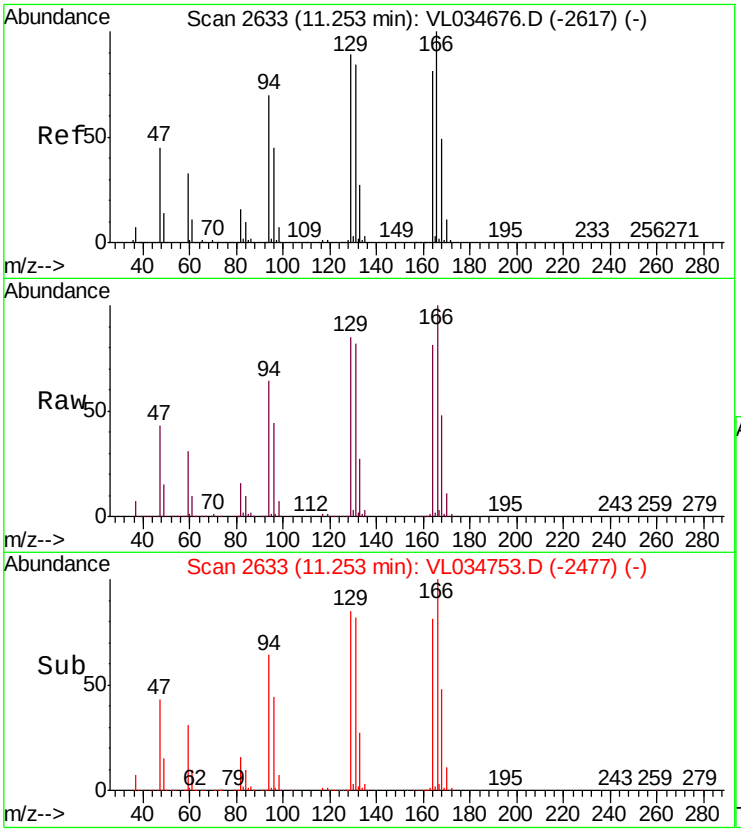


#51
2-Hexanone
Concen: 0.070 ppbv
RT: 10.17 min Scan# 2295
Delta R.T. 0.01 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Tgt Ion: 43 Resp: 10601

Ion	Ratio	Lower	Upper
43	100		
58	123.6	39.4	59.0#
98	0.0	0.2	0.2#



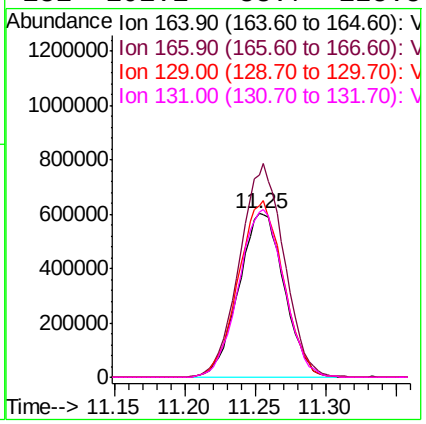


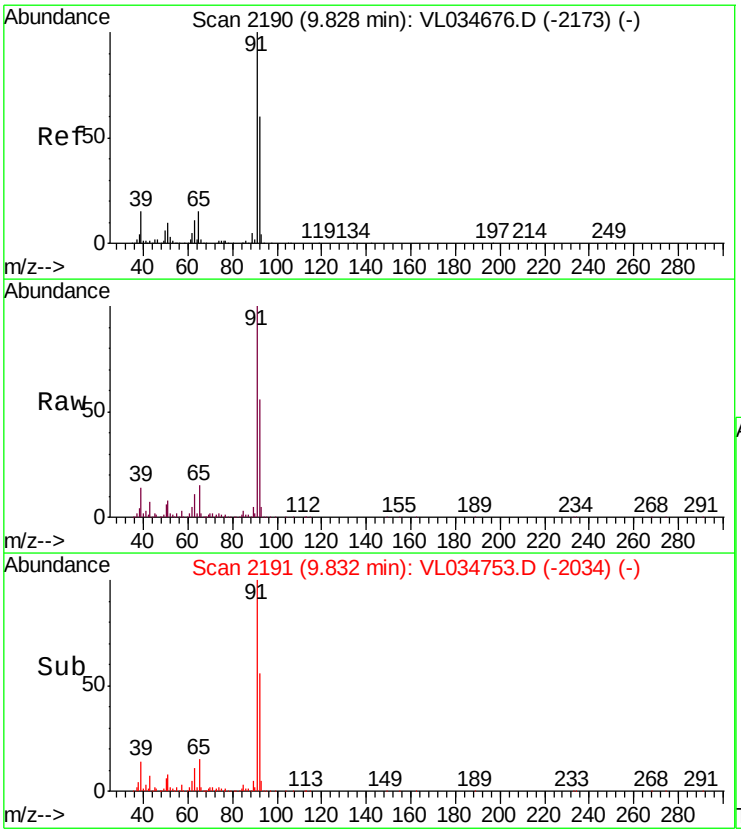
#52
Tetrachloroethene
Concen: 19.892 ppbv
RT: 11.25 min Scan# 2633
Delta R.T. 0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Instrument : MSVOA_L
ClientSampleId : SS-8-4

Tgt Ion:164 Resp: 1357746

Ion	Ratio	Lower	Upper
164	100		
166	123.1	99.2	148.8
129	104.7	88.0	132.0
131	101.1	83.7	125.5

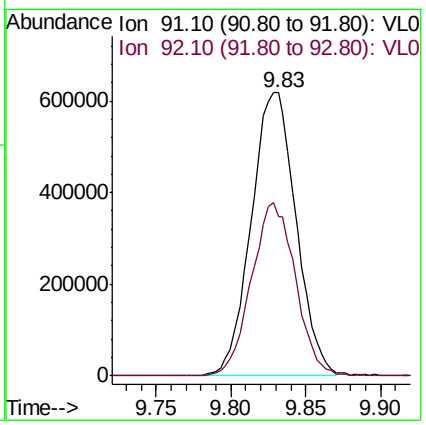


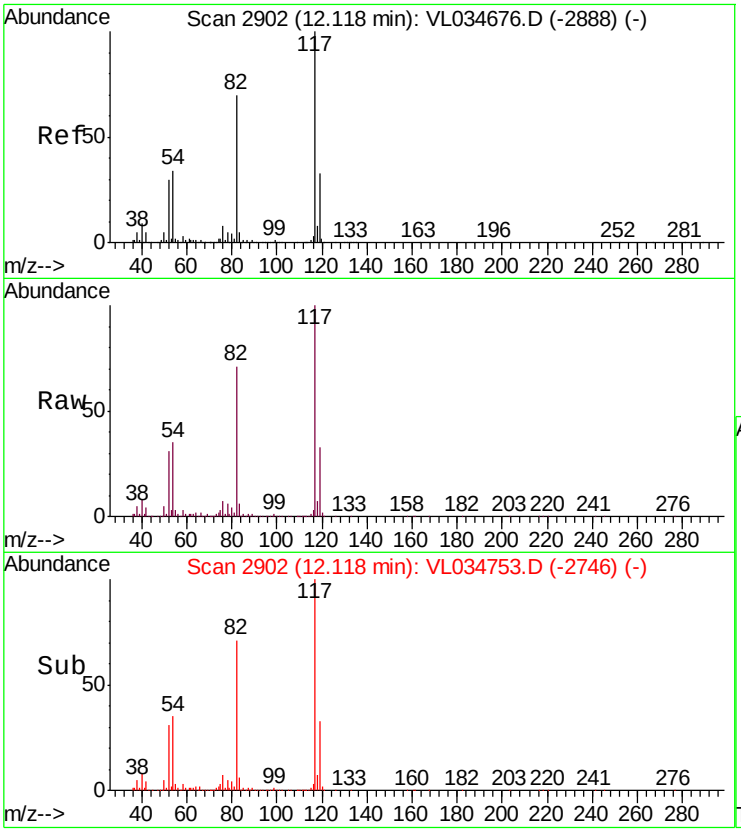


#53
Toluene
Concen: 6.502 ppbv
RT: 9.83 min Scan# 2191
Delta R.T. 0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Tgt Ion: 91 Resp: 1287677

Ion	Ratio	Lower	Upper
91	100		
92	60.0	48.5	72.7



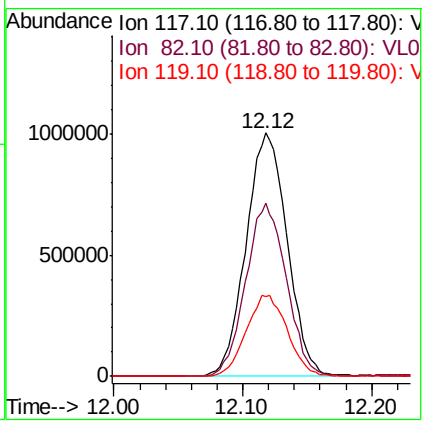


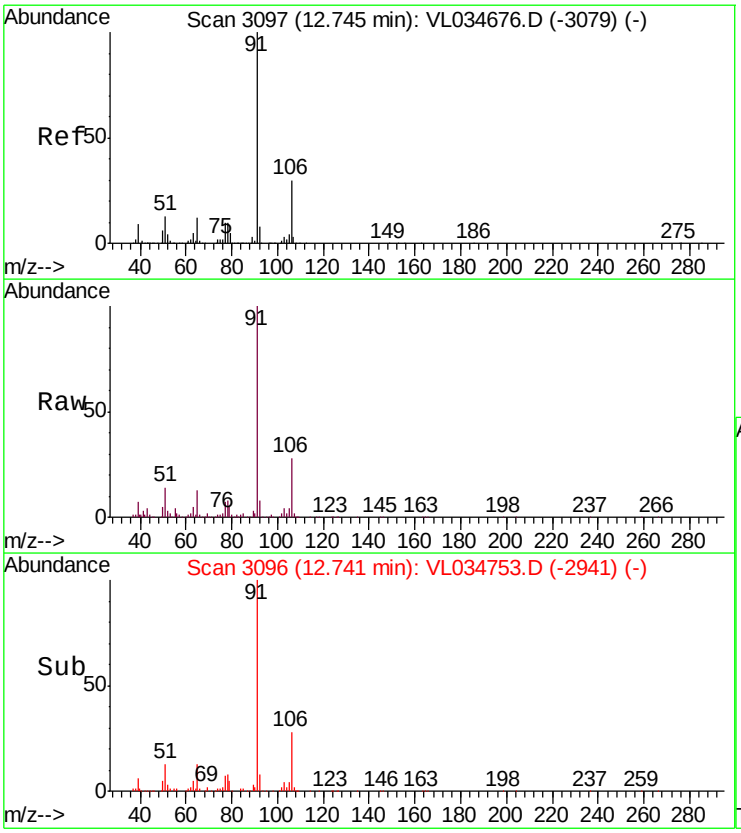
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. 0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Instrument :
MSVOA_L
ClientSampleId :
SS-8-4

Tgt Ion:117 Resp: 2233861

Ion	Ratio	Lower	Upper
117	100		
82	70.1	54.1	81.1
119	33.4	27.6	41.4

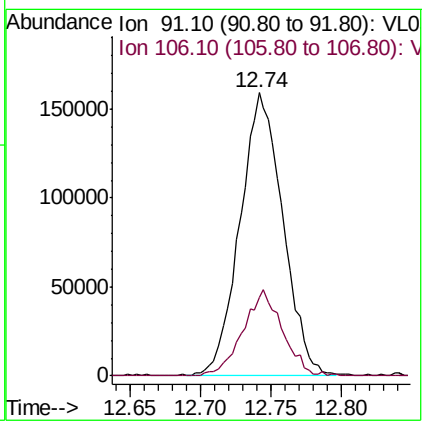


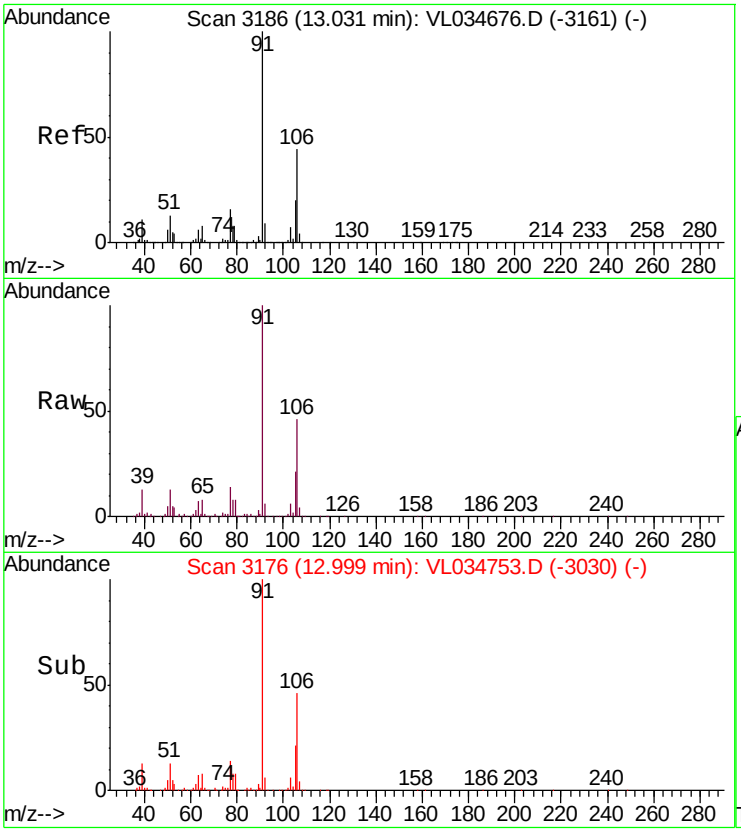


#58
Ethyl Benzene
Concen: 1.253 ppbv
RT: 12.74 min Scan# 3096
Delta R.T. -0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Tgt Ion: 91 Resp: 338693

Ion	Ratio	Lower	Upper
91	100		
106	27.8	24.0	36.0



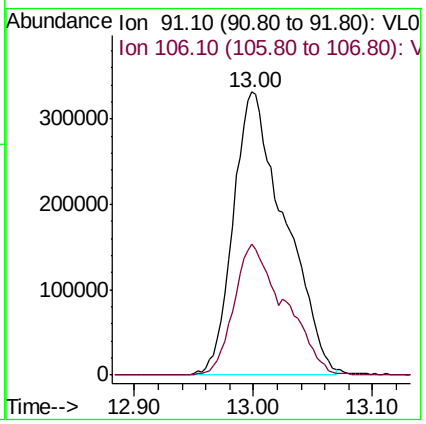


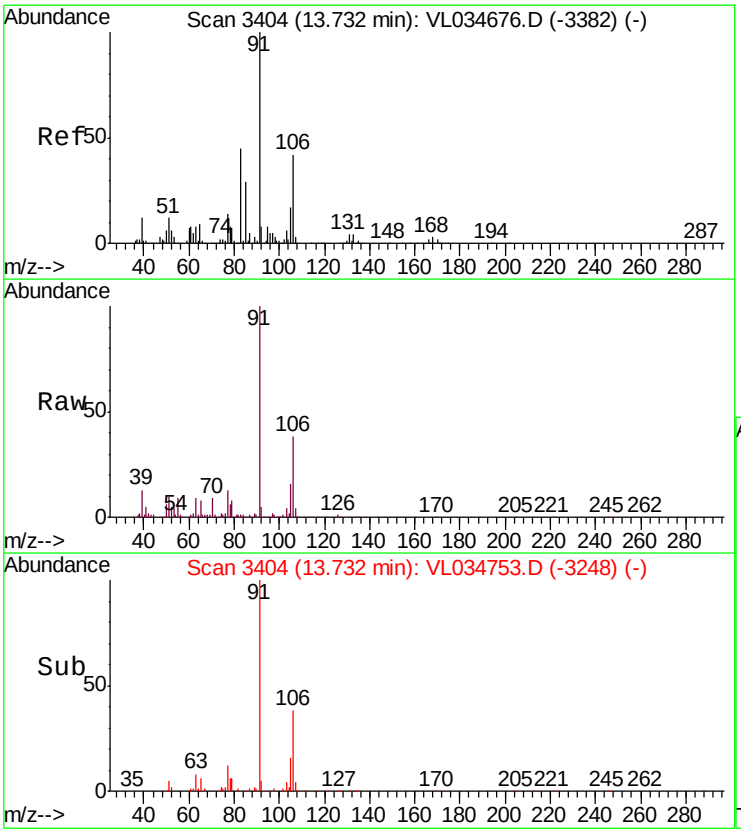
#59
m/p-Xylene
Concen: 4.228 ppbv
RT: 13.00 min Scan# 3176
Delta R.T. -0.03 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Instrument :
MSVOA_L
ClientSampleId :
SS-8-4

Tgt Ion: 91 Resp: 996732

Ion	Ratio	Lower	Upper
91	100		
106	45.6	35.6	53.4

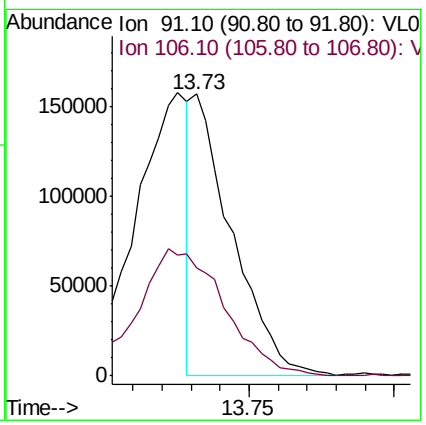


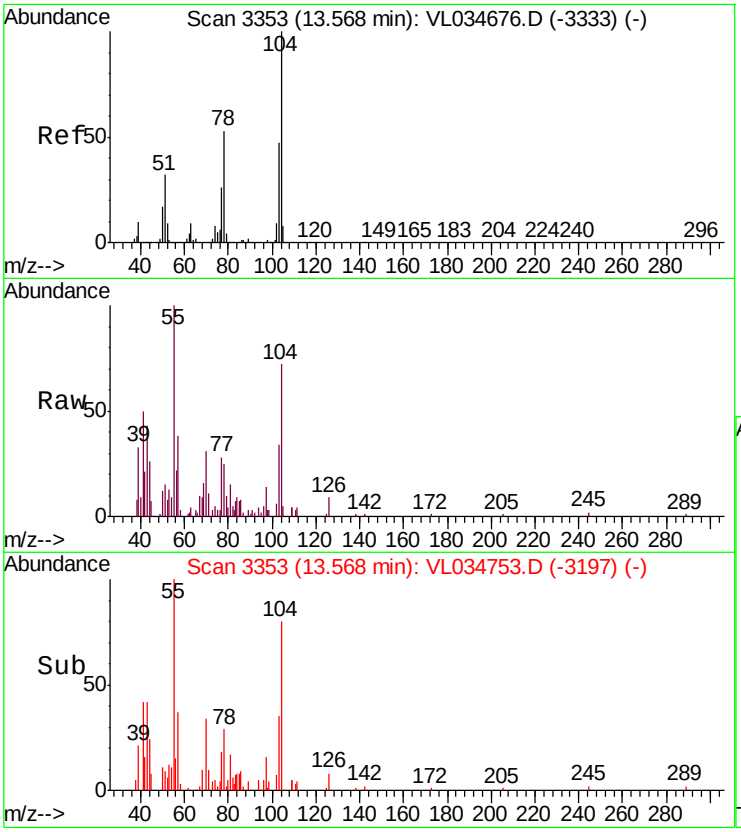


#60
o-Xylene
Concen: 0.633 ppbv
RT: 13.73 min Scan# 3404
Delta R.T. 0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Tgt Ion: 91 Resp: 148029

Ion	Ratio	Lower	Upper
91	100		
106	0.0	21.9	65.5#



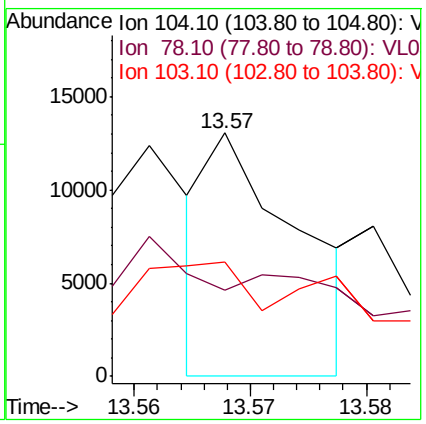


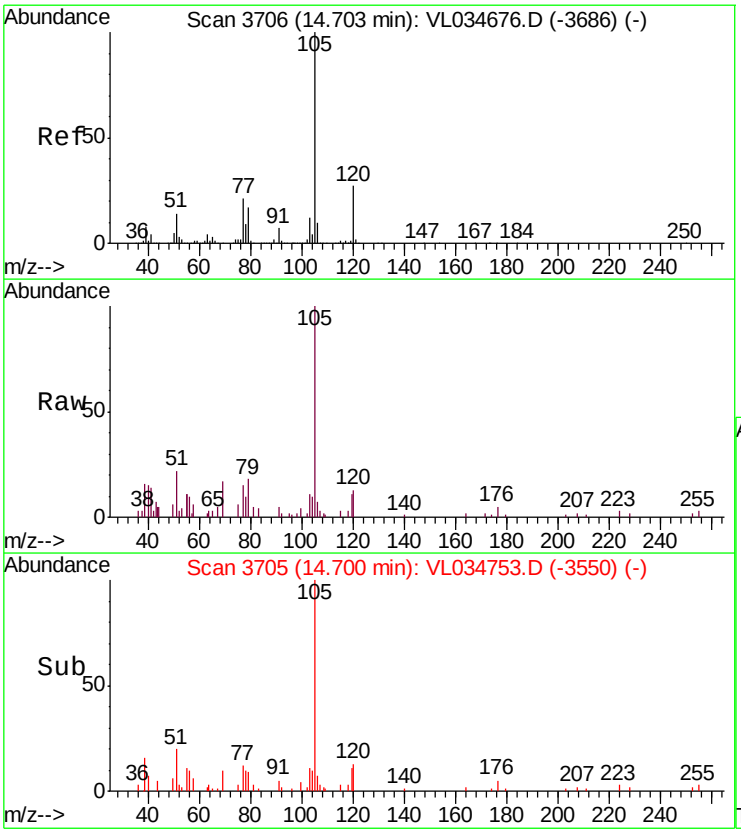
#61
Styrene
Concen: 0.047 ppbv
RT: 13.57 min Scan# 3353
Delta R.T. 0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Instrument :
MSVOA_L
ClientSampleId :
SS-8-4

Tgt Ion:104 Resp: 7096

Ion	Ratio	Lower	Upper
104	100		
78	0.0	44.2	66.4#
103	180.9	37.4	56.0#

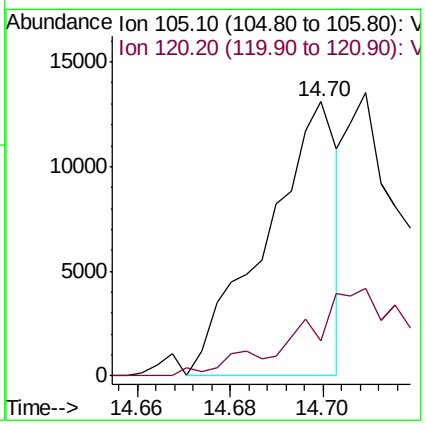


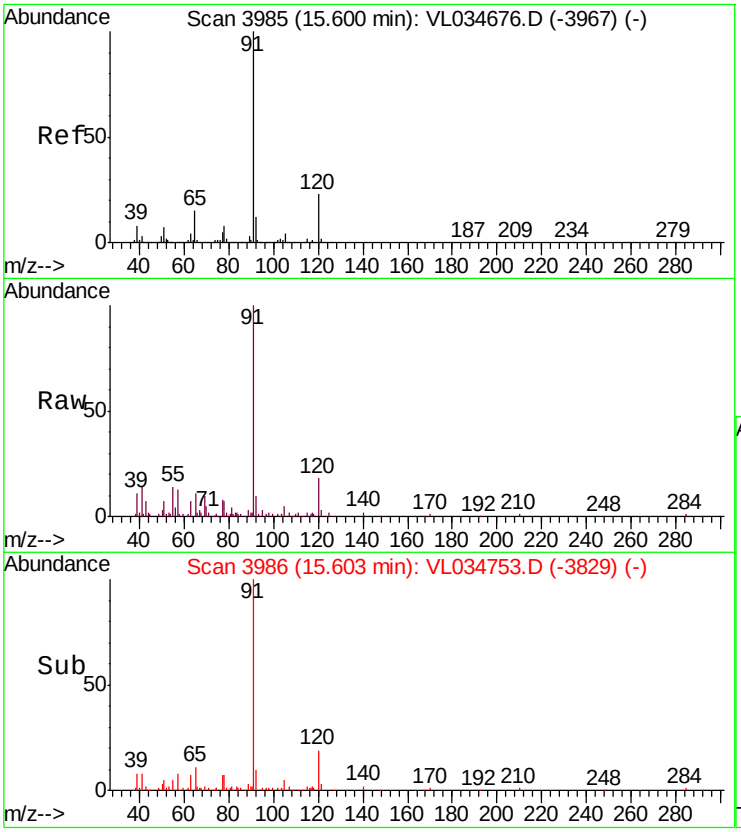


#62
Isopropylbenzene
Concen: 0.041 ppbv
RT: 14.70 min Scan# 3705
Delta R.T. -0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Tgt Ion:105 Resp: 13953

Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.2	30.4#



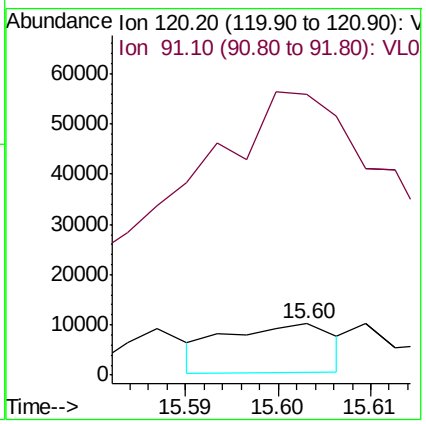


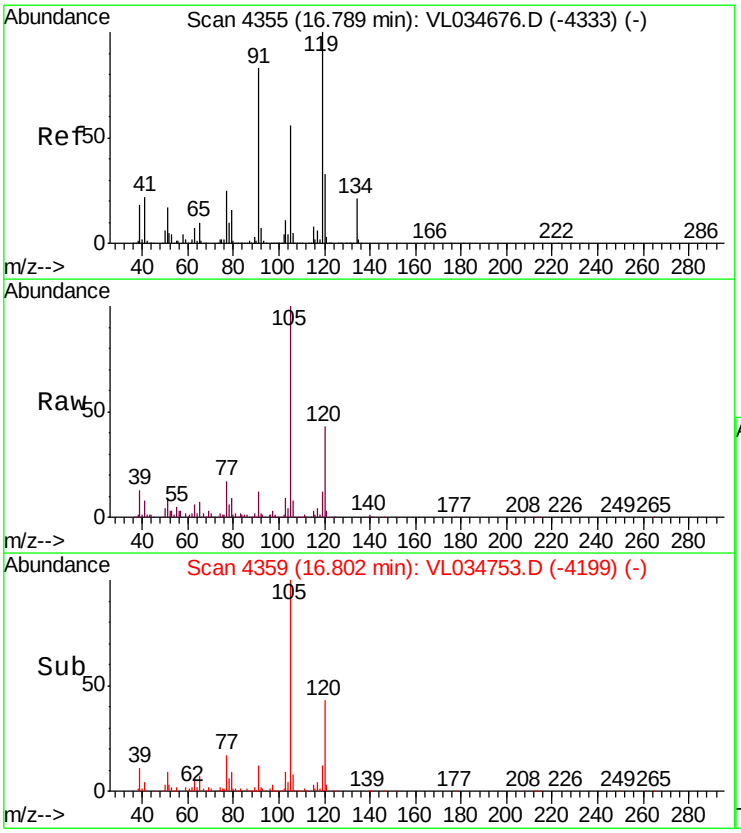
#64
n-propylbenzene
Concen: 0.091 ppbv
RT: 15.60 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Instrument :
MSVOA_L
ClientSampleId :
SS-8-4

Tgt Ion:120 Resp: 7974

Ion	Ratio	Lower	Upper
120	100		
91	1540.0	369.8	554.8#

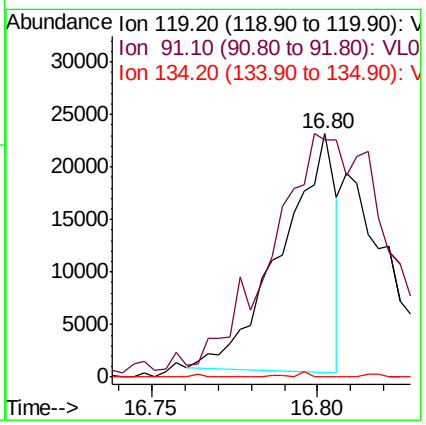


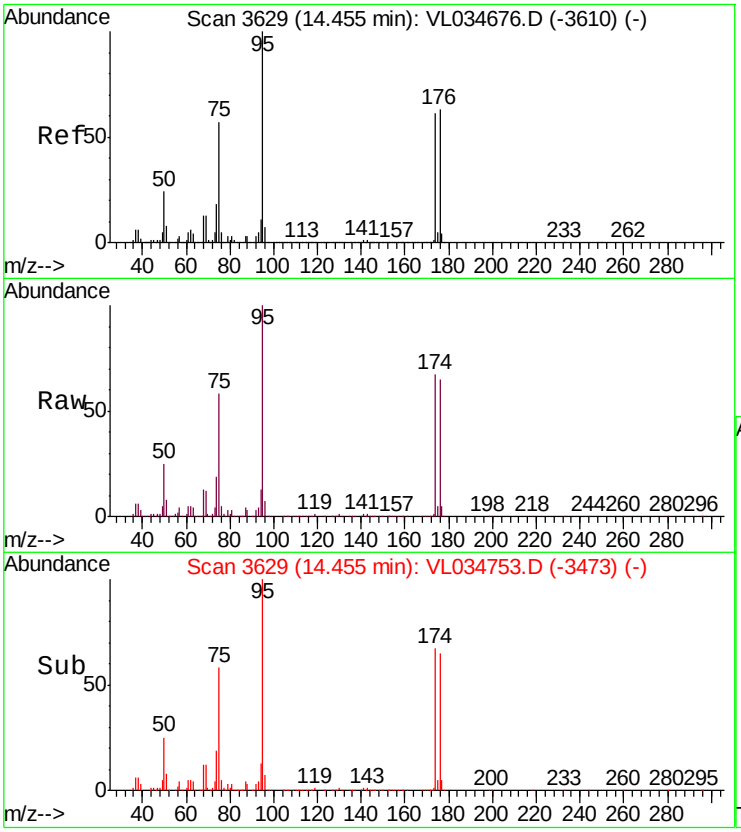


#65
tert-Butylbenzene
Concen: 0.088 ppbv
RT: 16.80 min Scan# 4359
Delta R.T. 0.01 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Tgt Ion:119 Resp: 25839

Ion	Ratio	Lower	Upper
119	100		
91	224.2	69.1	103.7#
134	0.0	15.8	23.8#



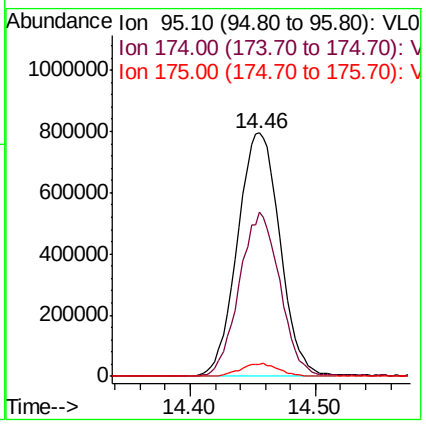


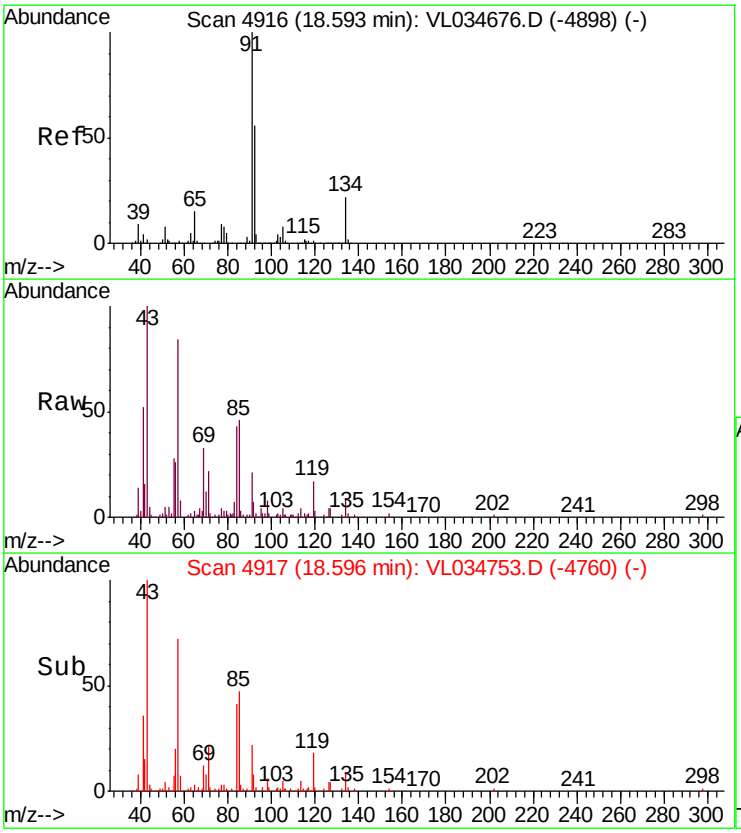
#68
1-Bromo-4-Fluorobenzene
Concen: 10.188 ppbv
RT: 14.46 min Scan# 3629
Delta R.T. 0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Instrument :
MSVOA_L
ClientSampleId :
SS-8-4

Tgt Ion: 95 Resp: 1866190

Ion	Ratio	Lower	Upper
95	100		
174	64.7	50.7	76.1
175	4.8	3.9	5.9

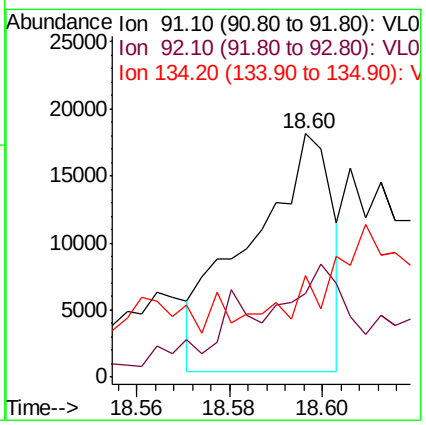


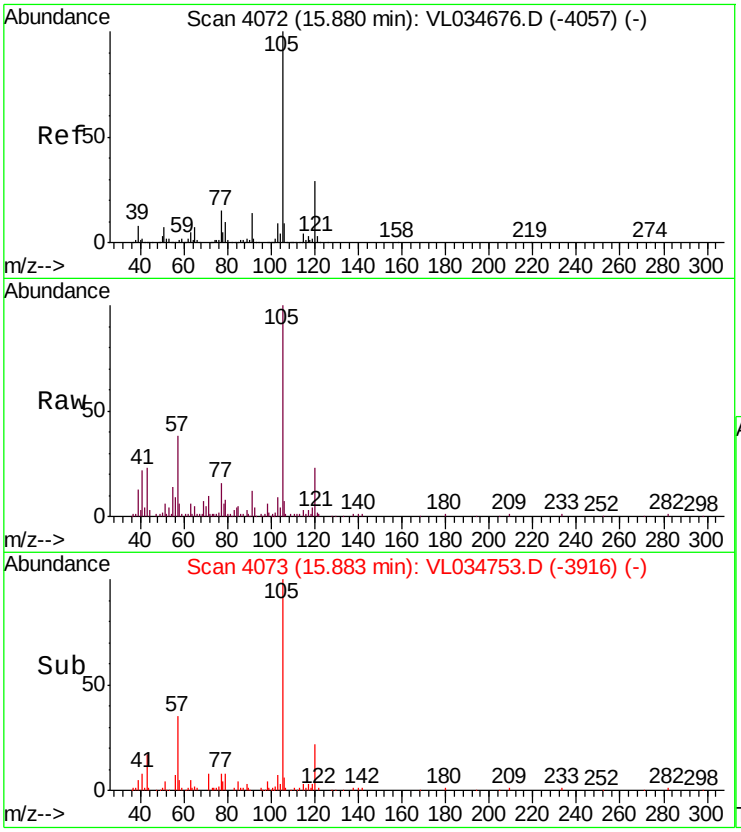


#70
n-Butylbenzene
Concen: 0.058 ppbv
RT: 18.60 min Scan# 4917
Delta R.T. 0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Tgt Ion: 91 Resp: 21994

Ion	Ratio	Lower	Upper
91	100		
92	84.4	43.8	65.6#
134	0.0	17.6	26.4#



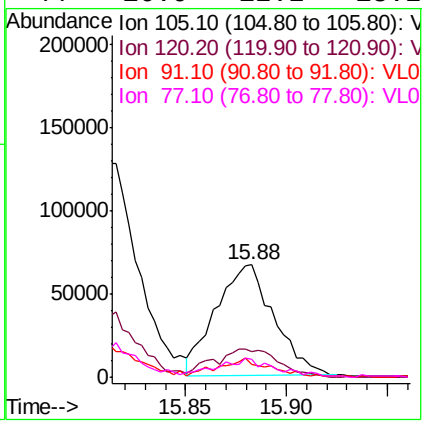


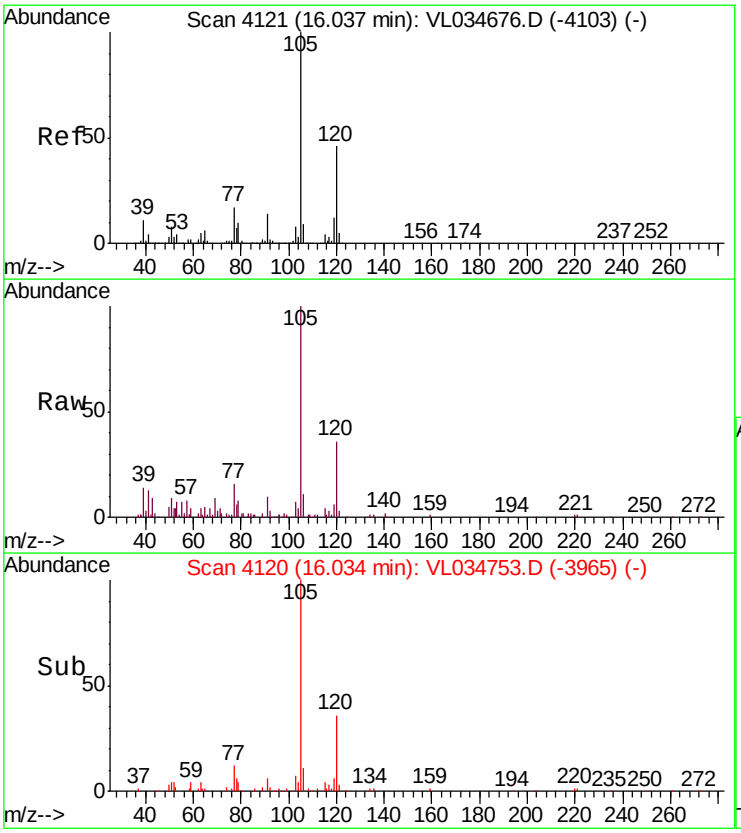
#72
4-Ethyltoluene
Concen: 0.512 ppbv
RT: 15.88 min Scan# 4073
Delta R.T. 0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Instrument :
MSVOA_L
ClientSampleId :
SS-8-4

Tgt Ion:105 Resp: 133303

Ion	Ratio	Lower	Upper
105	100		
120	29.5	23.7	35.5
91	16.8	10.9	16.3#
77	16.9	12.2	18.2

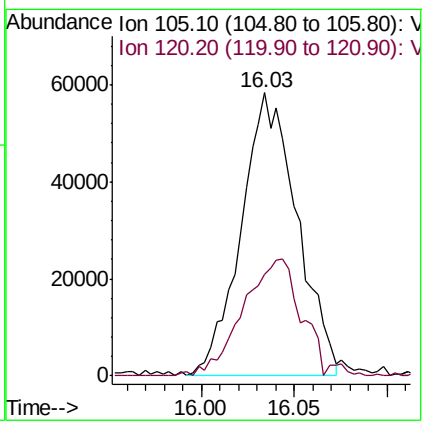


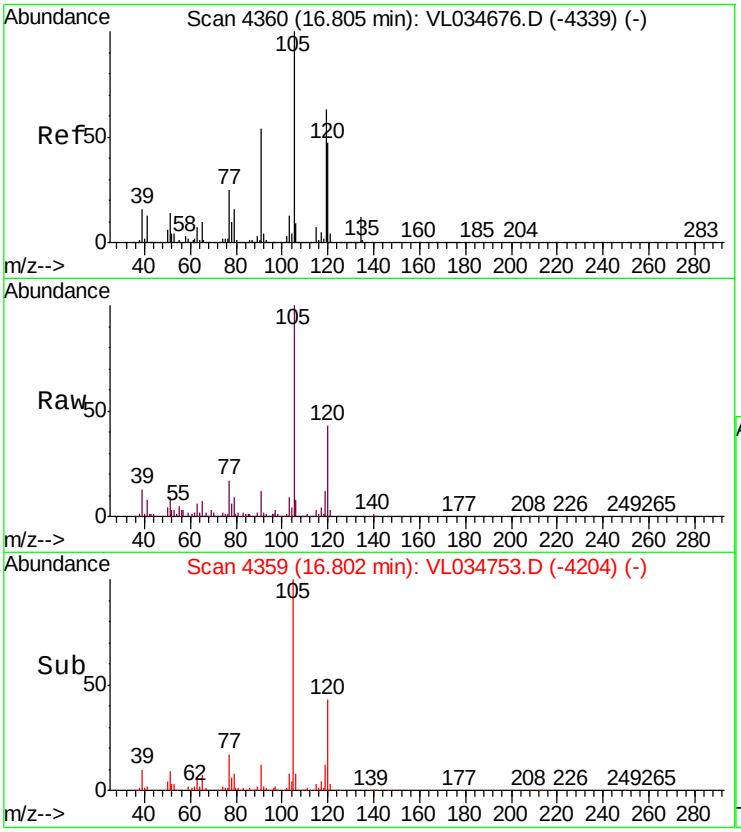


#73
1,3,5-Trimethylbenzene
Concen: 0.485 ppbv
RT: 16.03 min Scan# 4120
Delta R.T. -0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Tgt Ion:105 Resp: 121434

Ion	Ratio	Lower	Upper
105	100		
120	34.8	37.1	55.7#



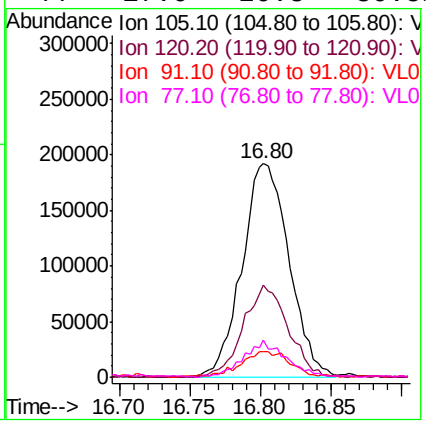


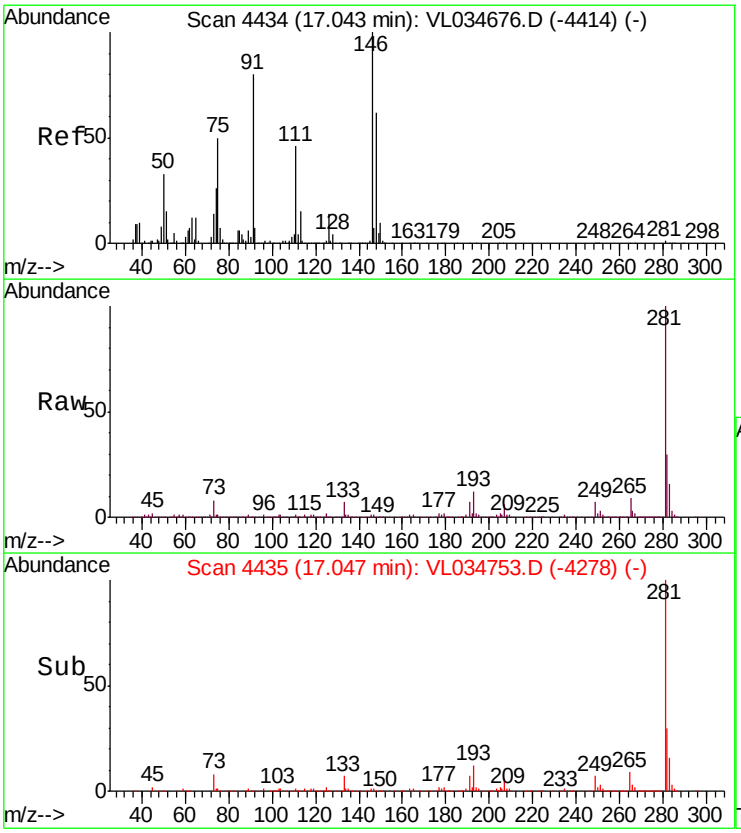
#74
1,2,4-Trimethylbenzene
Concen: 1.621 ppbv
RT: 16.80 min Scan# 4359
Delta R.T. -0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Instrument :
MSVOA_L
ClientSampleId :
SS-8-4

Tgt Ion:105 Resp: 448444

Ion	Ratio	Lower	Upper
105	100		
120	42.7	37.9	56.9
91	11.1	43.9	65.9#
77	17.0	20.3	30.5#

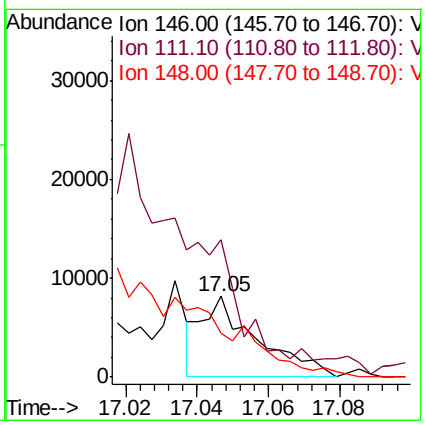


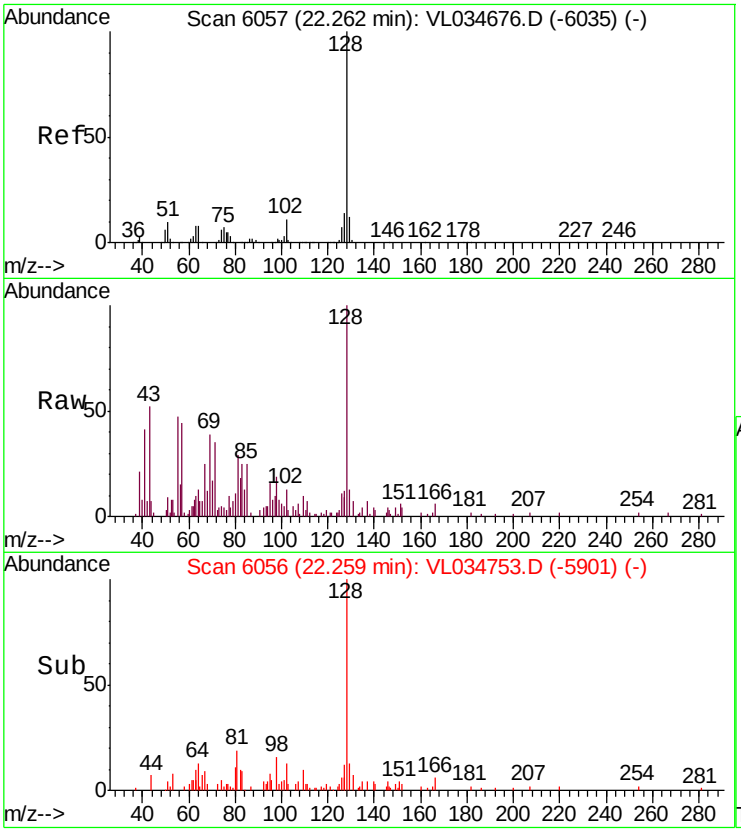


#75
1,3-Dichlorobenzene
Concen: 0.056 ppbv
RT: 17.05 min Scan# 4435
Delta R.T. 0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Tgt Ion:146 Resp: 8866

Ion	Ratio	Lower	Upper
146	100		
111	0.0	24.4	73.2#
148	0.0	32.5	97.4#



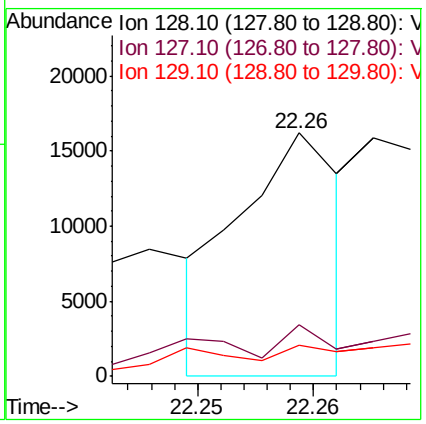


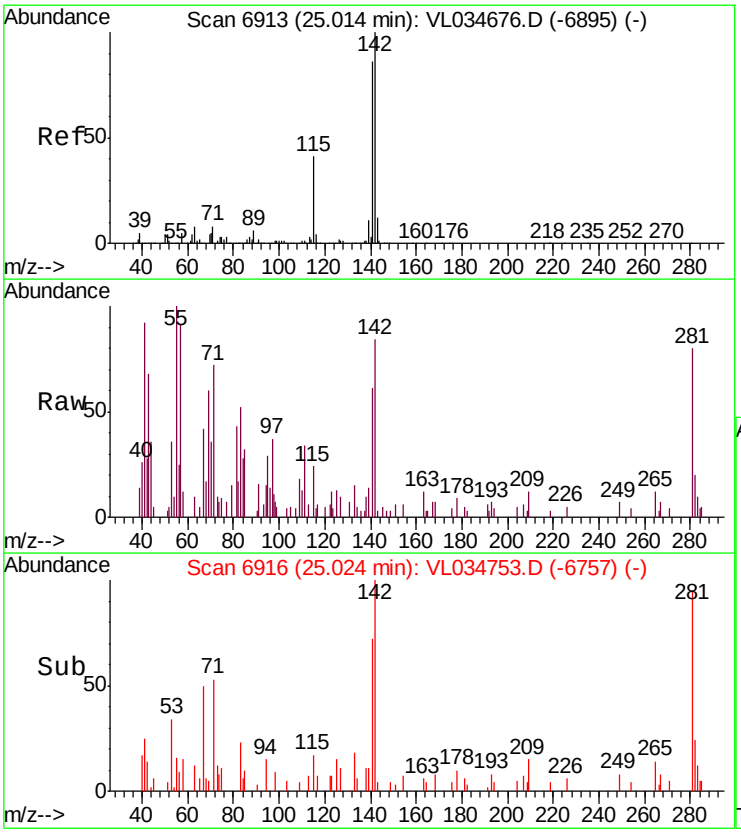
#79
Naphthalene
Concen: 0.041 ppbv
RT: 22.26 min Scan# 6056
Delta R.T. -0.00 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Instrument :
MSVOA_L
ClientSampleId :
SS-8-4

Tgt Ion:128 Resp: 9936

Ion	Ratio	Lower	Upper
128	100		
127	22.1	11.0	16.6#
129	6.5	9.4	14.2#





#80
Naphthalene,2-methyl-
Concen: 0.118 ppbv
RT: 25.02 min Scan# 6916
Delta R.T. 0.01 min
Lab File: VL034753.D
Acq: 29 Feb 2020 1:48

Tgt Ion:142 Resp: 8882

Ion	Ratio	Lower	Upper
142	100		
141	90.9	66.5	99.7
115	48.2	30.6	46.0#