Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022620\

Quantitation Report (Not Reviewed)

Data File : VL034686.D
Acq On : 26 Feb 2020 9:55
Operator : SY/AP
Sample : L1314-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : E051-1100

Quant Time: Feb 27 07:26:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 26 06:58:15 2020
QLast Update : Wed Feb 26 06:58:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	1011406	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.18	114	2180283	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.11	117	2158400	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.46	95	2039023	11.52	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 115.20%				
Target Compounds							Qvalue
4) Chloromethane	3.11	50	36114	0.591	ppbv	#	85
5) Vinyl Chloride	3.22	62	1723	0.029	ppbv	#	83
6) Bromomethane	3.44	94	1332121	37.934	ppbv		96
7) Chloroethane	3.52	64	828	0.037	ppbv	#	80
9) Propene	2.97	41	1779	0.039	ppbv	#	1
11) Trichlorofluoromethane	3.92	101	3285	0.024	ppbv	#	75
13) Ethanol	3.57	45	638	0.044	ppbv	#	37
15) Acetone	3.83	43	101709	0.883	ppbv	#	86
16) 1,3-Butadiene	3.29	39	1138	0.021	ppbv	#	7
17) tert-Butyl alcohol	4.30	59	2068	0.023	ppbv		100
18) 1,1-Dichloroethene	4.25	96	1975	0.045	ppbv	#	49
20) Methylene Chloride	4.32	84	19165	0.447	ppbv		95
23) Vinyl Acetate	5.06	43	26507	0.169	ppbv	#	82
25) Ethyl Acetate	5.68	43	2418323	11.853	ppbv	#	76
26) Hexane	5.68	57	3362123	35.755	ppbv	#	43
29) Chloroform	5.74	83	21281	0.142	ppbv	#	71
30) Cyclohexane	7.14	84	3088945	42.387	ppbv		95
34) 2-Butanone	5.68	43	2412879	17.582	ppbv	#	53
35) Carbon Tetrachloride	7.02	117	4194221	28.724	ppbv		98
37) 1,2-Dichloroethane	6.30	62	2905	0.024	ppbv	#	82
39) 1,2-Dichloropropane	7.18	63	624912	8.341	ppbv	#	26
41) Tetrahydrofuran	5.68	42	1291551	17.830	ppbv	#	49
47) 1,1,2-Trichloroethane	9.49	97	2883535	37.517	ppbv		94
52) Tetrachloroethene	11.25	164	2405687	34.853	ppbv		97
53) Toluene	9.82	91	5728	0.029	ppbv	#	40
58) Ethyl Benzene	13.00	91	6522679	24.978	ppbv	#	58
59) m/p-Xylene	13.00	91	6522679	28.638	ppbv		92
60) o-Xylene	13.73	91	5807582	25.696	ppbv		96
61) Styrene	13.55	104	3784	0.026	ppbv	#	27
62) Isopropylbenzene	14.70	105	12013	0.036	ppbv	#	50
63) 1,1,2,2-Tetrachloroethane	13.72	83	4011	0.023	ppbv	#	1
64) n-propylbenzene	15.88	120	2552697	30.033	ppbv	#	1
71) 2-Chlorotoluene	15.88	91	1176689	4.608	ppbv	#	45
72) 4-Ethyltoluene	15.88	105	7809715	31.045	ppbv		94
73) 1,3,5-Trimethylbenzene	15.88	105	7809715	32.272	ppbv	#	86
74) 1,2,4-Trimethylbenzene	16.80	105	8091	0.030	ppbv	#	67
75) 1,3-Dichlorobenzene	17.04	146	3697943	23.971	ppbv		98
76) 1,4-Dichlorobenzene	17.04	146	3697943	23.959	ppbv		96
77) 1,2-Dichlorobenzene	17.86	146	3879	0.026	ppbv	#	1
78) Hexachloro-1,3-Butadiene	23.42	225	6481	0.050	ppbv	#	1
79) Naphthalene	22.26	128	8915	0.038	ppbv	#	79

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022620\

Quantitation Report (Not Reviewed)

Data File : VL034686.D
Acq On : 26 Feb 2020 9:55
Operator : SY/AP
Sample : L1314-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : E051-1100

Quant Time: Feb 27 07:26:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 26 06:58:15 2020
QLast Update : Wed Feb 26 06:58:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Naphthalene,2-methyl-	25.02	142	22259	0.307	ppbv	#	79
81) 1,2,4-Trichlorobenzene	21.99	180	5302	0.038	ppbv	#	2

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

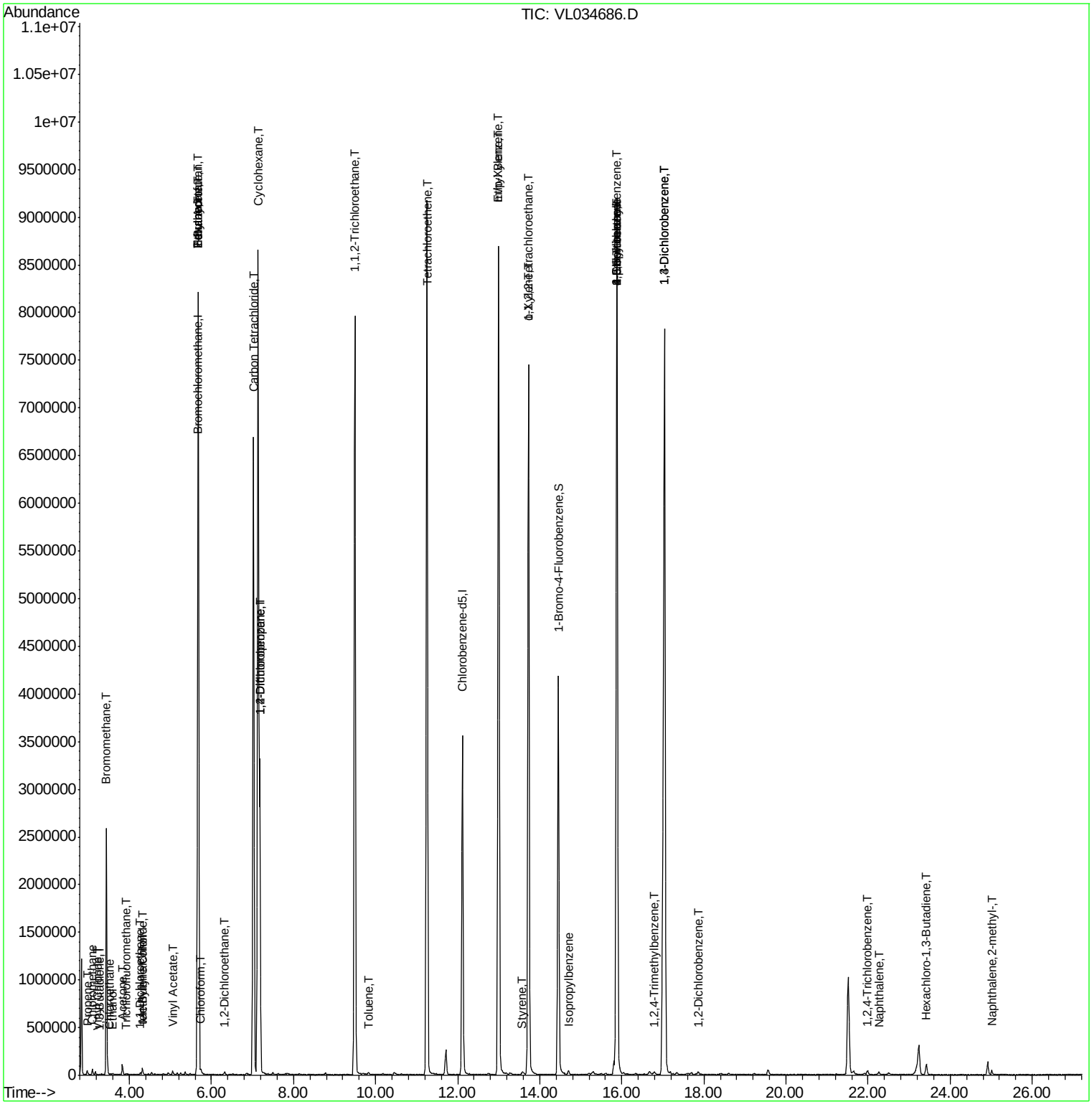
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022620\

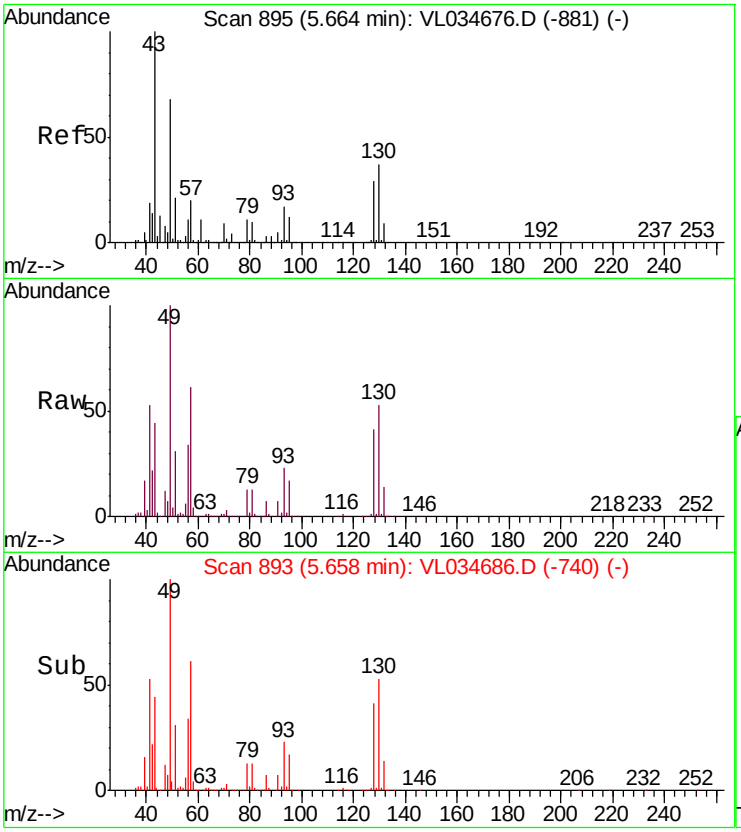
Quantitation Report (Not Reviewed)

Data File : VL034686.D
Acq On : 26 Feb 2020 9:55
Operator : SY/AP
Sample : L1314-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : E051-1100

Quant Time: Feb 27 07:26:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 26 06:58:15 2020
QLast Update : Wed Feb 26 06:58:15 2020
Response via : Initial Calibration



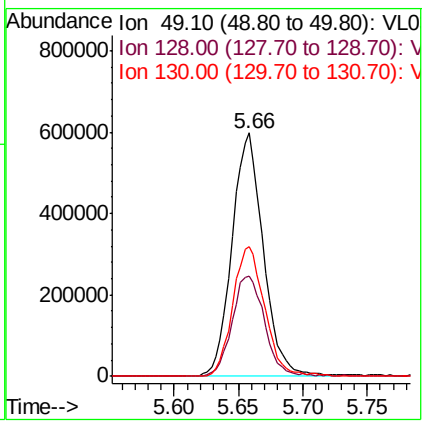


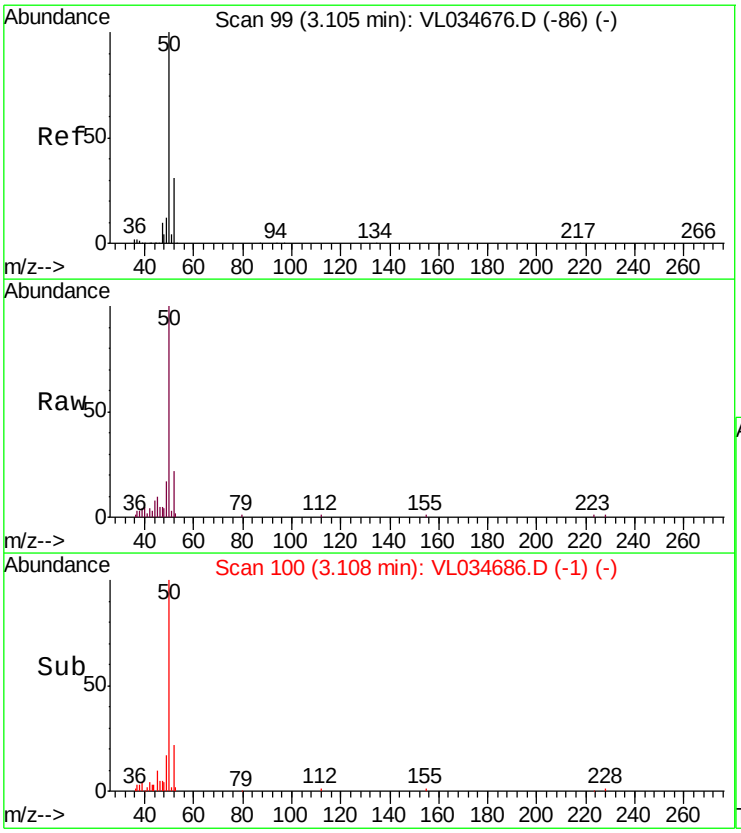
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.01 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Instrument :
MSVOA_L
ClientSampleId :
E051-1100

Tgt Ion: 49 Resp: 1011406

Ion	Ratio	Lower	Upper
49	100		
128	42.7	21.6	65.0
130	54.6	27.7	83.1

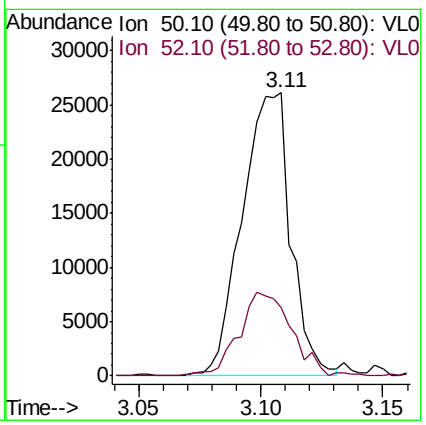


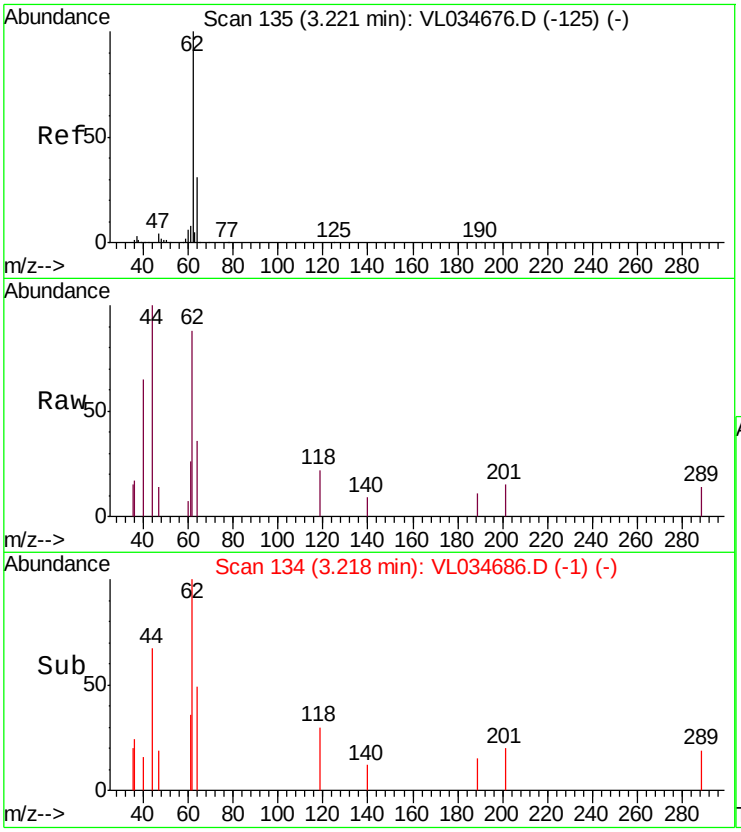


#4
Chloromethane
Concen: 0.591 ppbv
RT: 3.11 min Scan# 100
Delta R.T. 0.00 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Tgt Ion: 50 Resp: 36114

Ion	Ratio	Lower	Upper
50	100		
52	22.7	25.0	37.4#



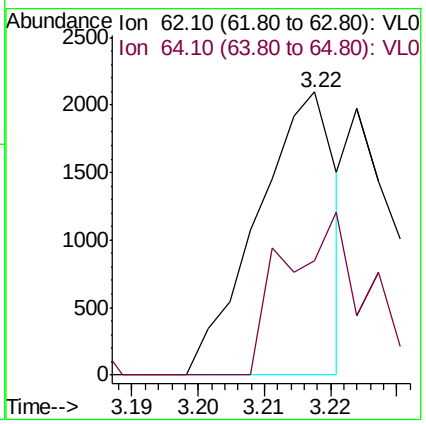


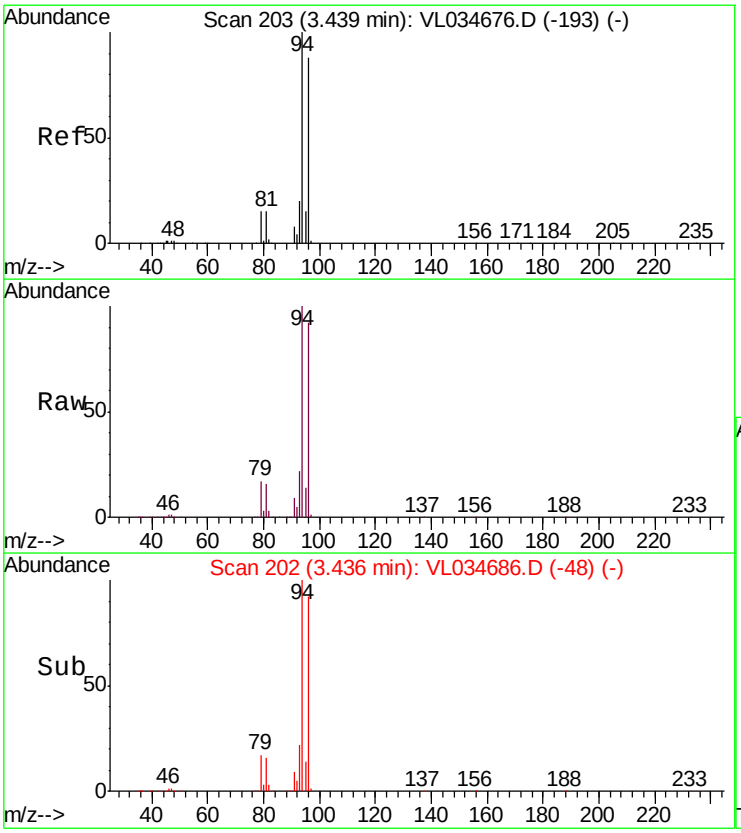
#5
Vinyl Chloride
Concen: 0.029 ppbv
RT: 3.22 min Scan# 134
Delta R.T. -0.00 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Instrument :
MSVOA_L
ClientSampleId :
E051-1100

Tgt Ion: 62 Resp: 1723

Ion	Ratio	Lower	Upper
62	100		
64	40.5	24.7	37.1#

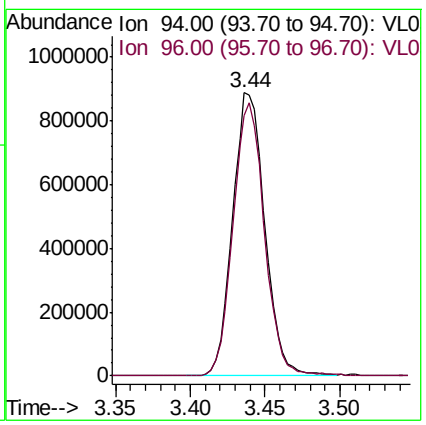


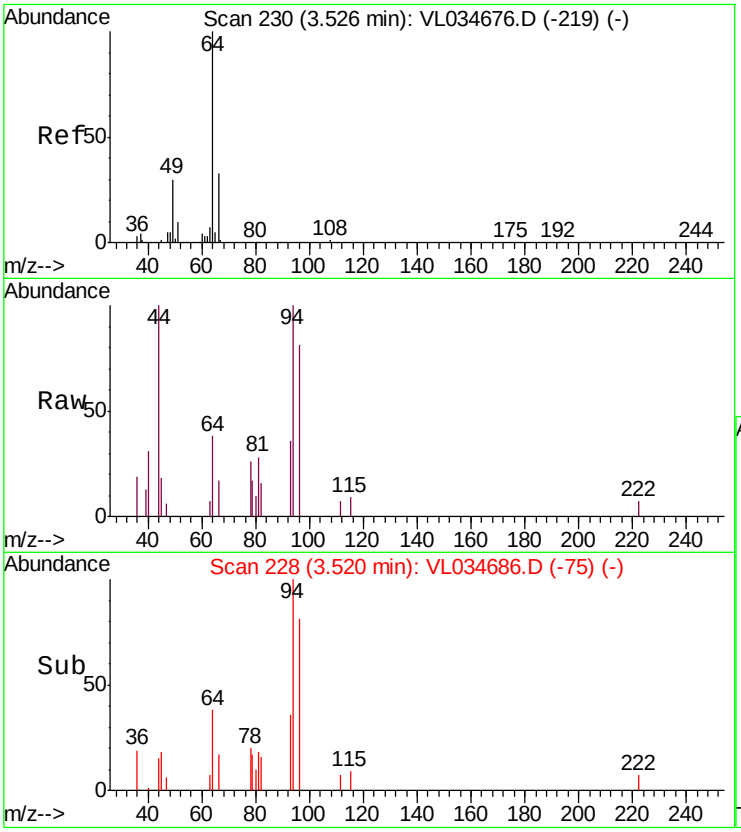


#6
Bromomethane
Concen: 37.934 ppbv
RT: 3.44 min Scan# 202
Delta R.T. -0.00 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Tgt Ion: 94 Resp: 1332121

Ion	Ratio	Lower	Upper
94	100		
96	91.9	70.5	105.7



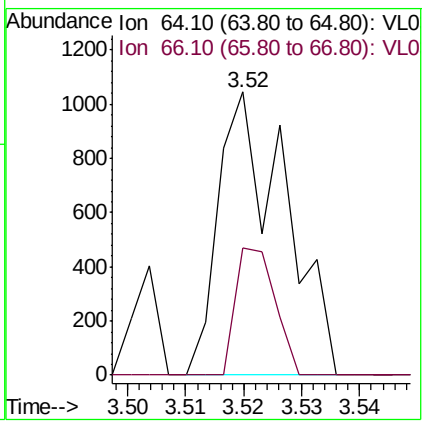


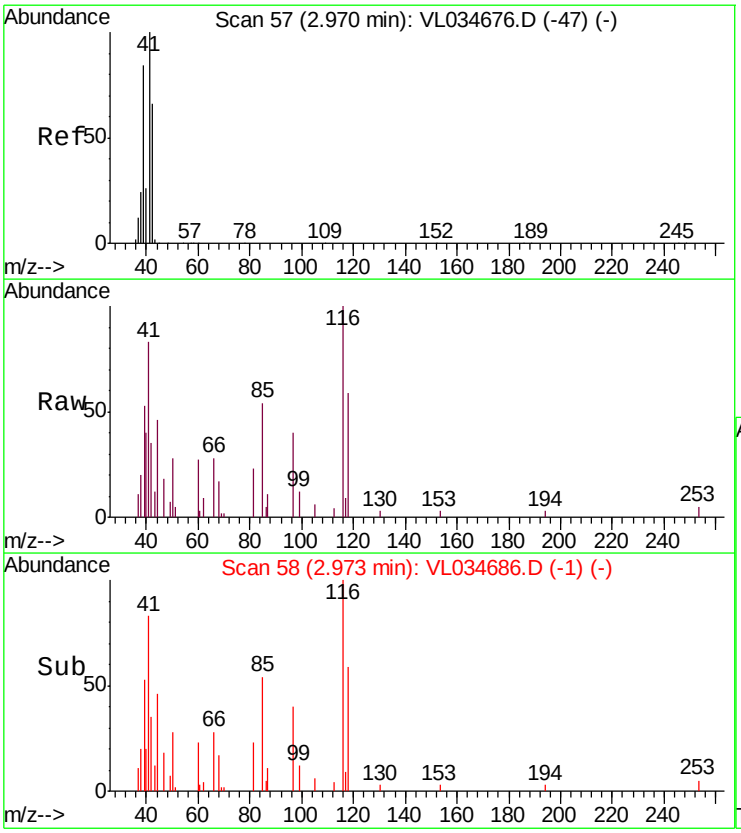
#7
Chloroethane
Concen: 0.037 ppbv
RT: 3.52 min Scan# 228
Delta R.T. -0.01 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Instrument : MSVOA_L
ClientSampleId : E051-1100

Tgt Ion: 64 Resp: 828

Ion	Ratio	Lower	Upper
64	100		
66	45.0	26.7	40.1#

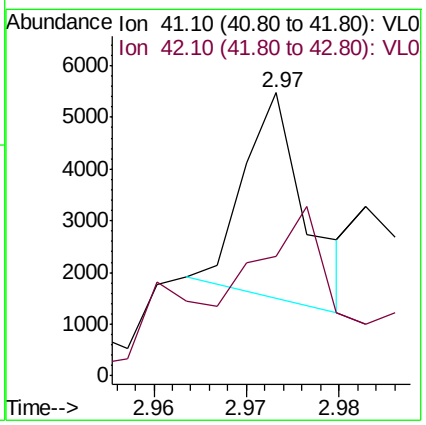


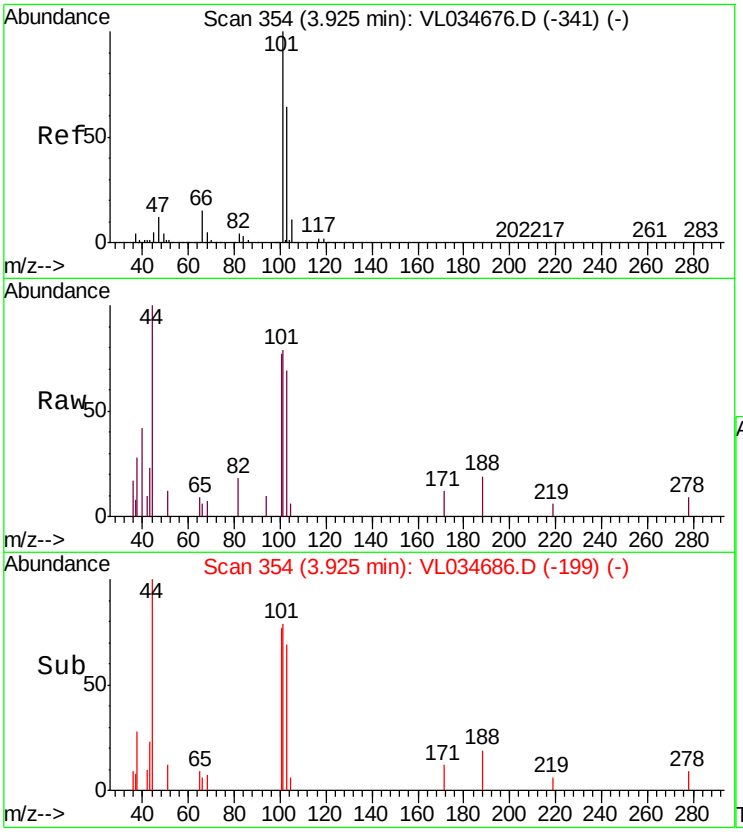


#9
Propene
Concen: 0.039 ppbv
RT: 2.97 min Scan# 58
Delta R.T. 0.00 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Tgt Ion: 41 Resp: 1779

Ion	Ratio	Lower	Upper
41	100		
42	221.8	54.9	82.3#



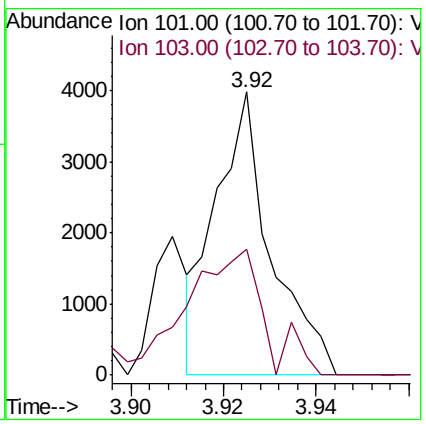


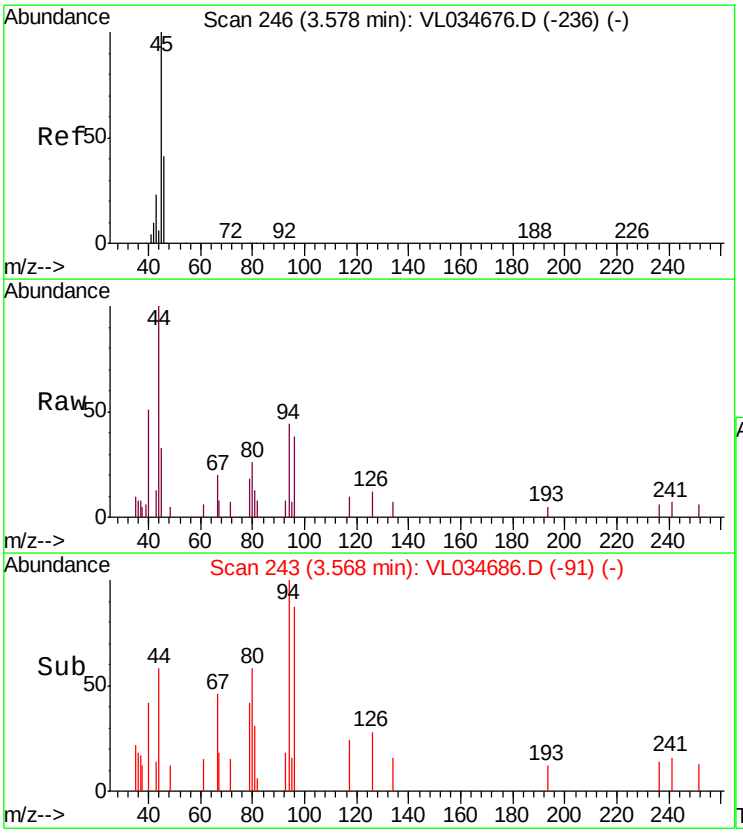
#11
Trichlorofluoromethane
Concen: 0.024 ppbv
RT: 3.92 min Scan# 354
Delta R.T. -0.00 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Instrument : MSVOA_L
ClientSampleId : E051-1100

Tgt Ion:101 Resp: 3285

Ion	Ratio	Lower	Upper
101	100		
103	44.5	51.2	76.8#

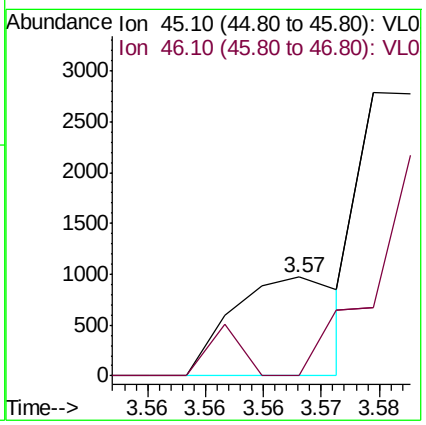


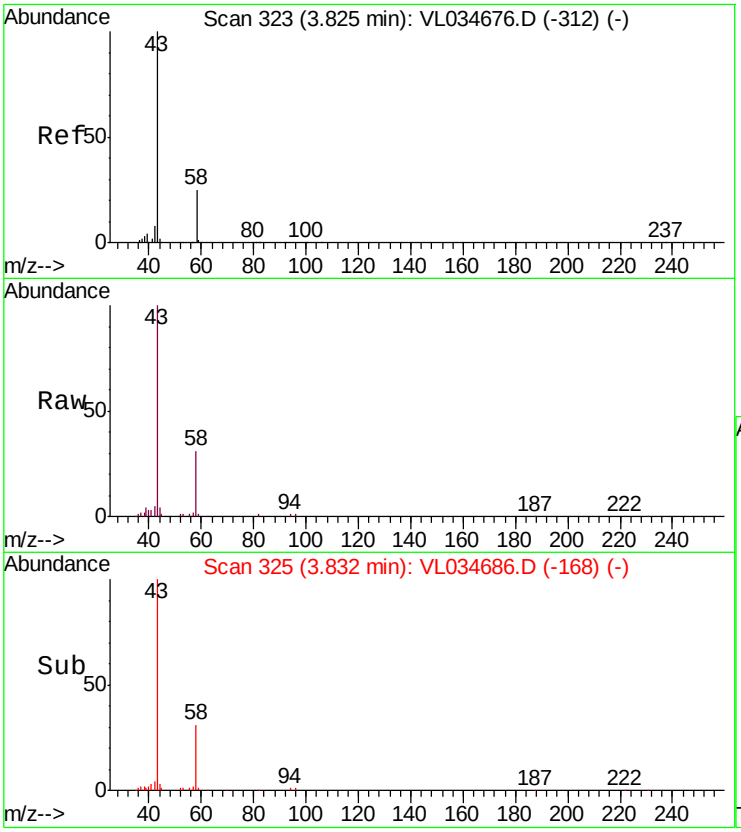


#13
Ethanol
Concen: 0.044 ppbv
RT: 3.57 min Scan# 243
Delta R.T. -0.01 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Tgt Ion: 45 Resp: 638

Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.4	61.4#



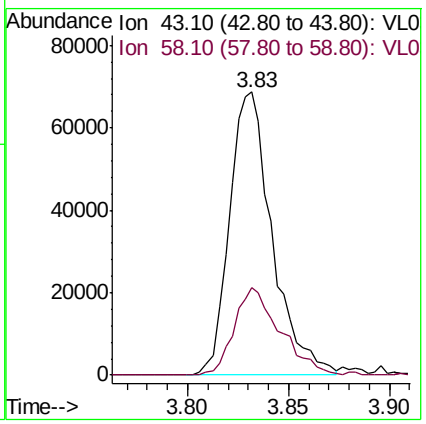


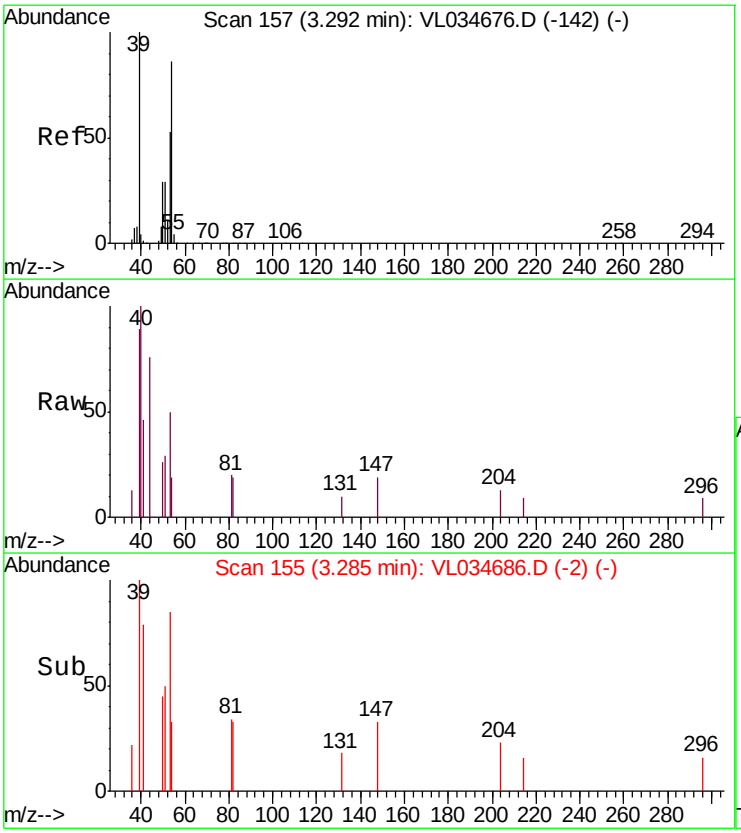
#15
Acetone
Concen: 0.883 ppbv
RT: 3.83 min Scan# 325
Delta R.T. 0.01 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Instrument : MSVOA_L
ClientSampleId : E051-1100

Tgt Ion: 43 Resp: 101709

Ion	Ratio	Lower	Upper
43	100		
58	33.8	21.4	32.0#

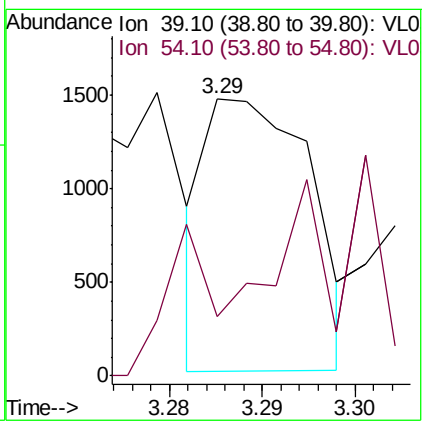


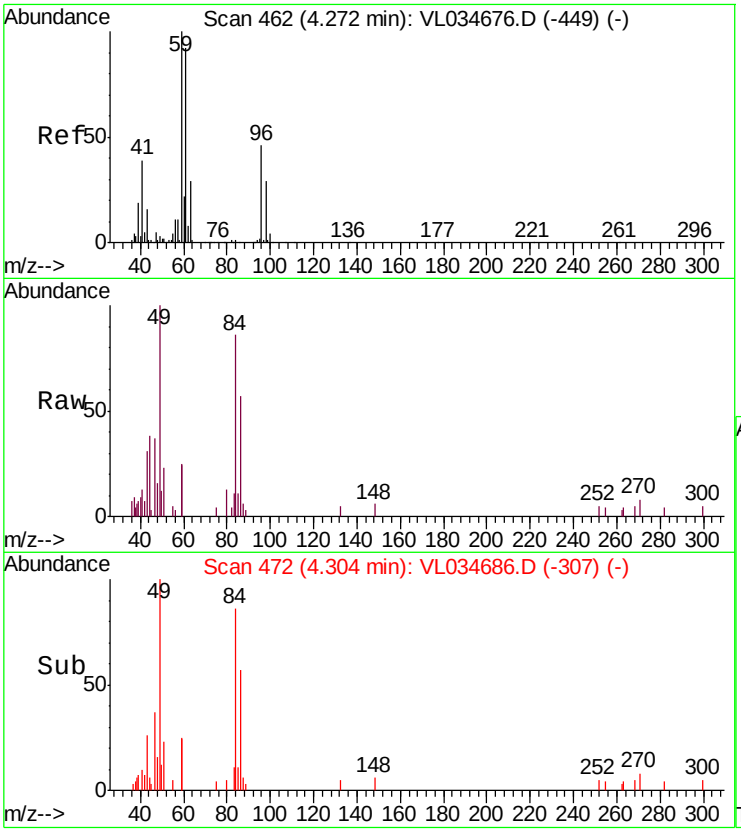


#16
1,3-Butadiene
Concen: 0.021 ppbv
RT: 3.29 min Scan# 155
Delta R.T. -0.01 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Tgt Ion: 39 Resp: 1138

Ion	Ratio	Lower	Upper
39	100		
54	0.0	67.0	100.6#



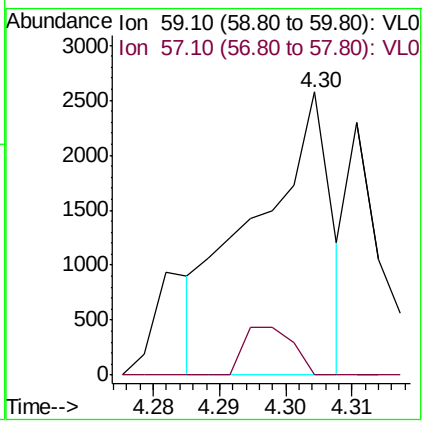


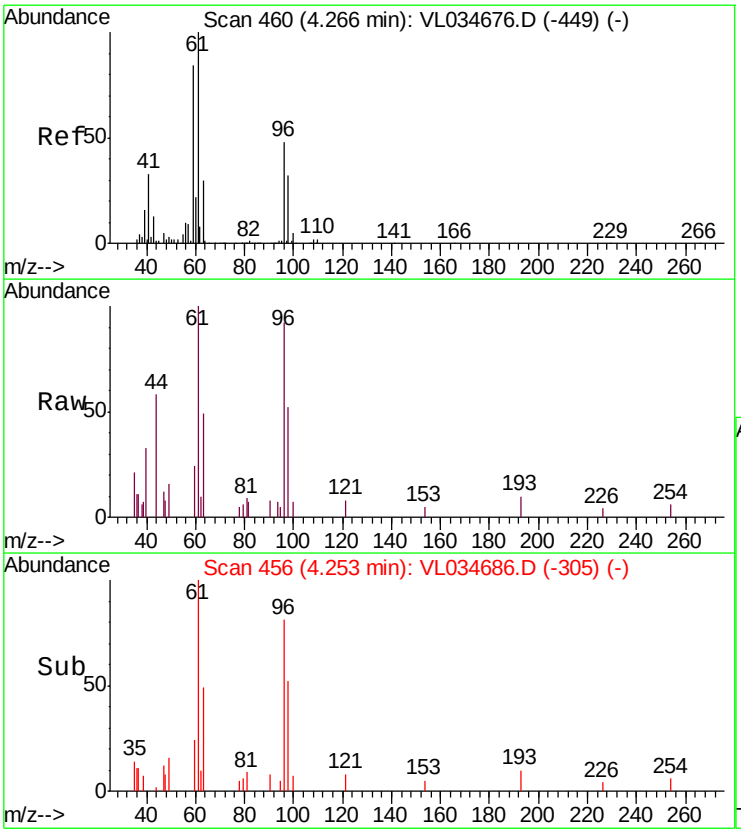
#17
tert-Butyl alcohol
Concen: 0.023 ppbv
RT: 4.30 min Scan# 472
Delta R.T. 0.03 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Instrument :
MSVOA_L
ClientSampleId :
E051-1100

Tgt Ion: 59 Resp: 2068

Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.8	13.2

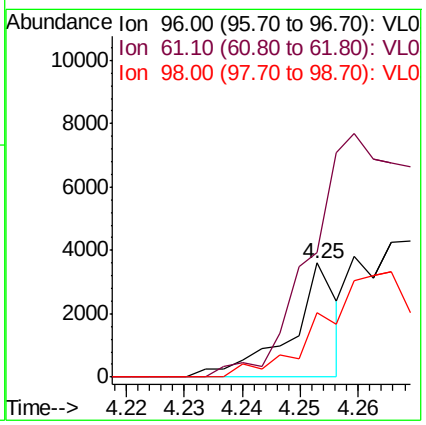


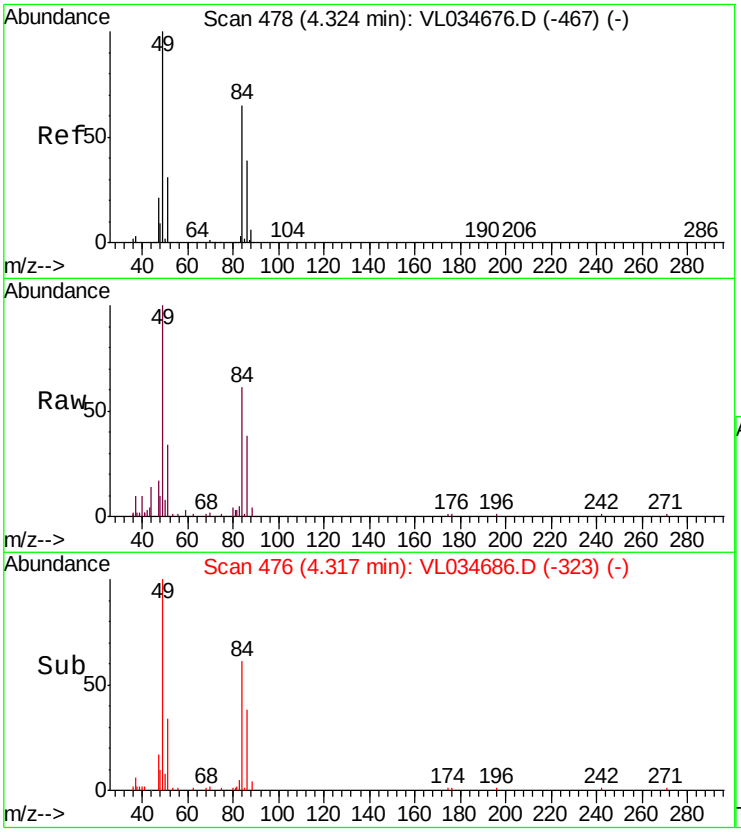


#18
1,1-Dichloroethene
Concen: 0.045 ppbv
RT: 4.25 min Scan# 456
Delta R.T. -0.01 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Tgt Ion: 96 Resp: 1975

Ion	Ratio	Lower	Upper
96	100		
61	108.8	165.1	247.7#
98	56.1	52.7	79.1



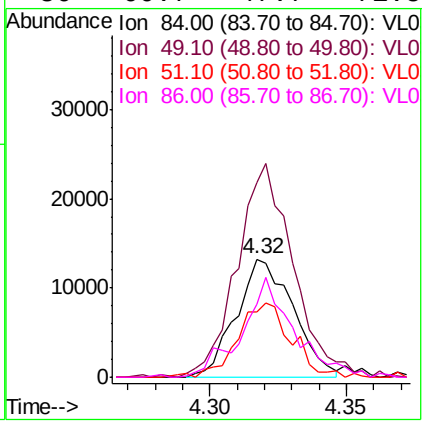


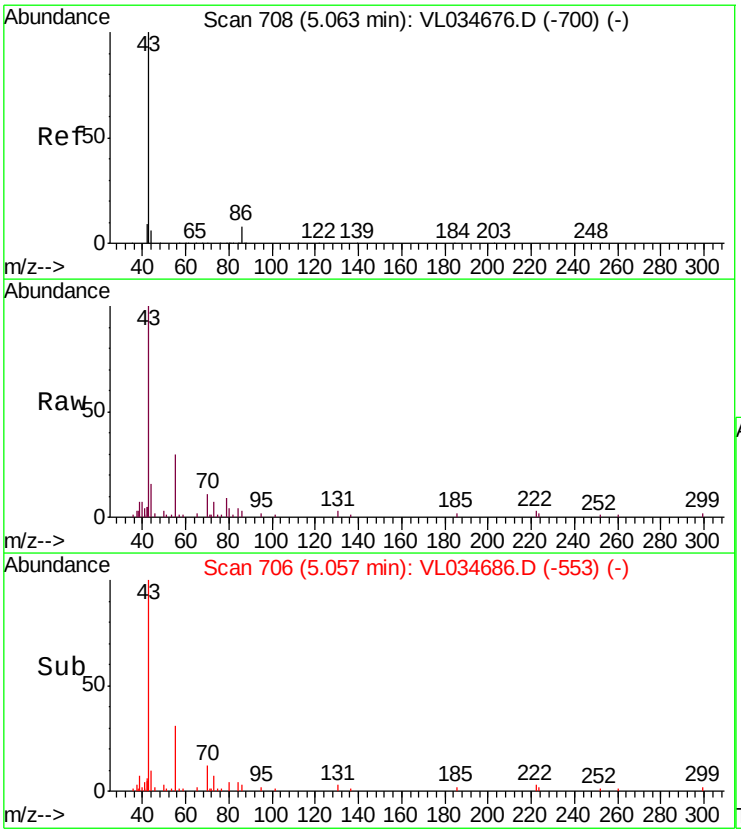
#20
Methylene Chloride
Concen: 0.447 ppbv
RT: 4.32 min Scan# 476
Delta R.T. -0.01 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Instrument : MSVOA_L
ClientSampleId : E051-1100

Tgt Ion: 84 Resp: 19165

Ion	Ratio	Lower	Upper
84	100		
49	161.5	122.8	184.2
51	52.7	38.6	58.0
86	60.7	47.7	71.5

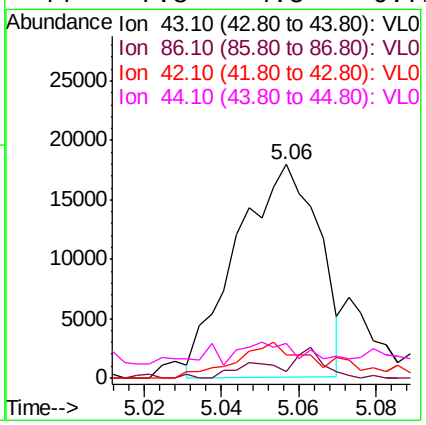


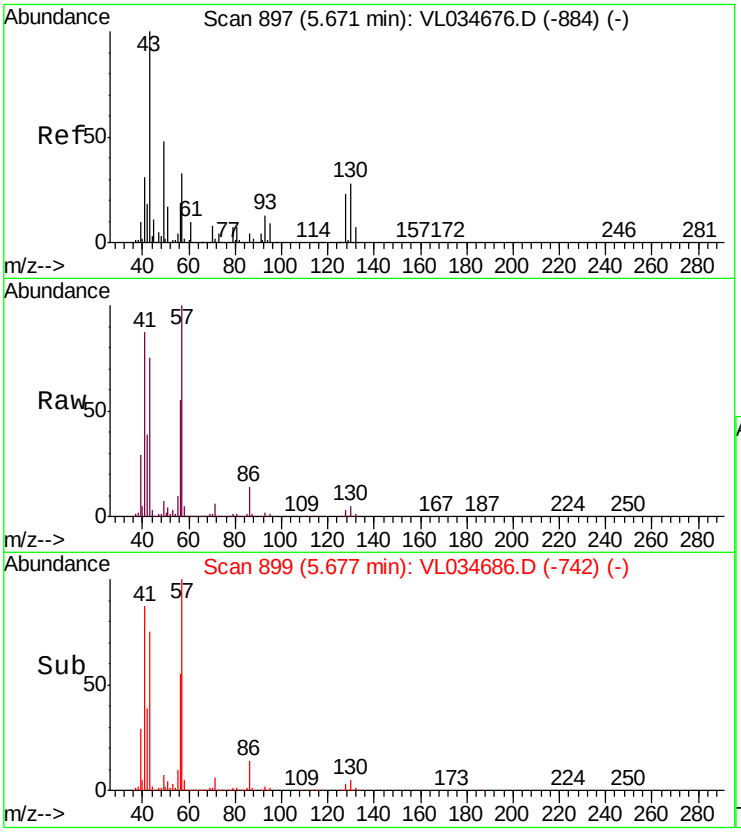


#23
Vinyl Acetate
Concen: 0.169 ppbv
RT: 5.06 min Scan# 706
Delta R.T. -0.01 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Tgt Ion: 43 Resp: 26507

Ion	Ratio	Lower	Upper
43	100		
86	1.2	6.0	9.0#
42	1.2	8.0	12.0#
44	7.8	4.5	6.7#



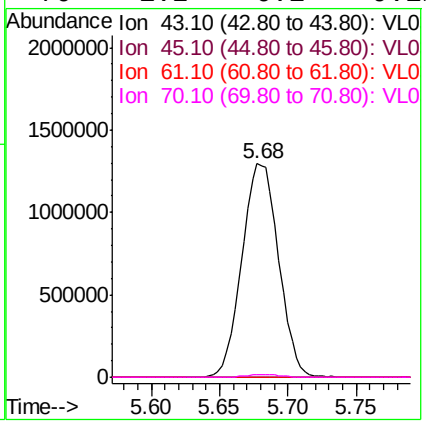


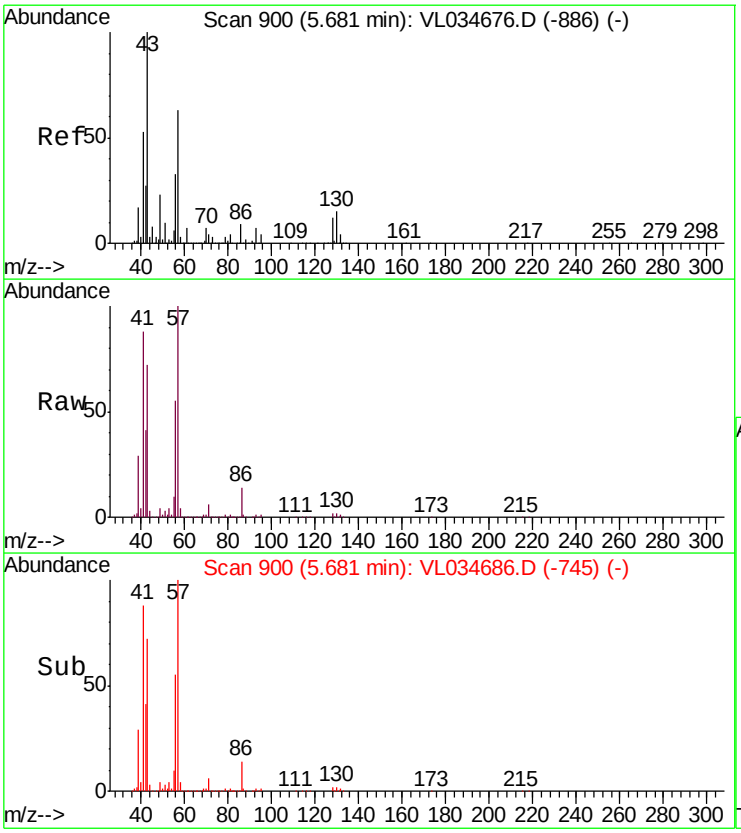
#25
Ethyl Acetate
Concen: 11.853 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.01 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Instrument : MSVOA_L
ClientSampleId : E051-1100

Tgt Ion: 43 Resp: 2418323

Ion	Ratio	Lower	Upper
43	100		
45	0.1	8.2	12.4#
61	0.2	7.8	11.6#
70	1.2	6.1	9.1#

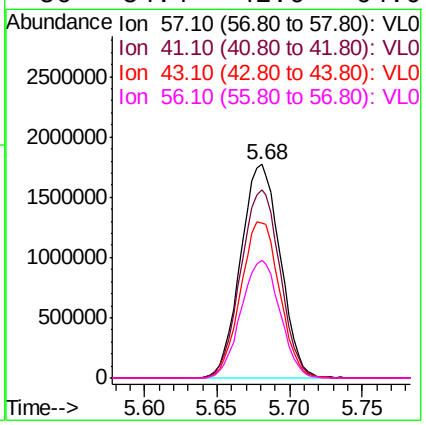


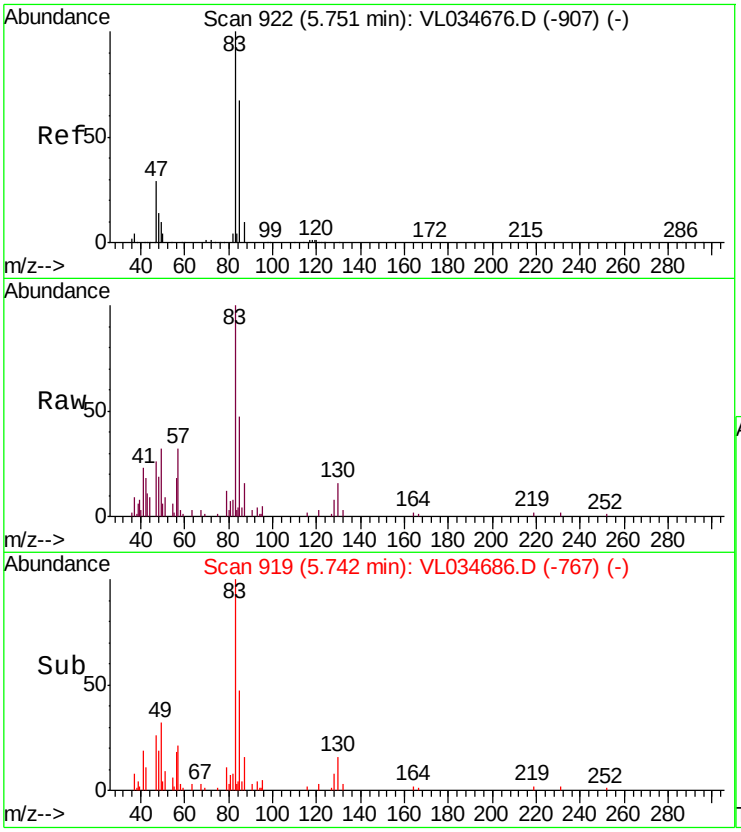


#26
Hexane
Concen: 35.755 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.00 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Tgt Ion: 57 Resp: 3362123

Ion	Ratio	Lower	Upper
57	100		
41	88.0	70.3	105.5
43	72.1	177.0	265.4#
56	54.4	42.6	64.0



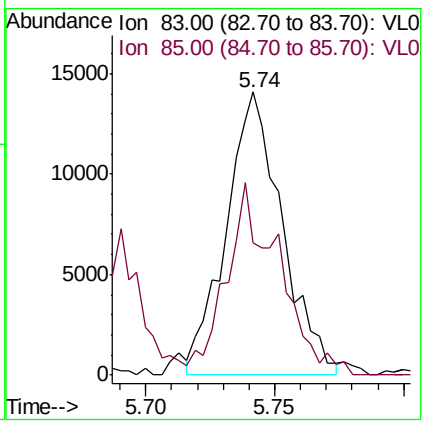


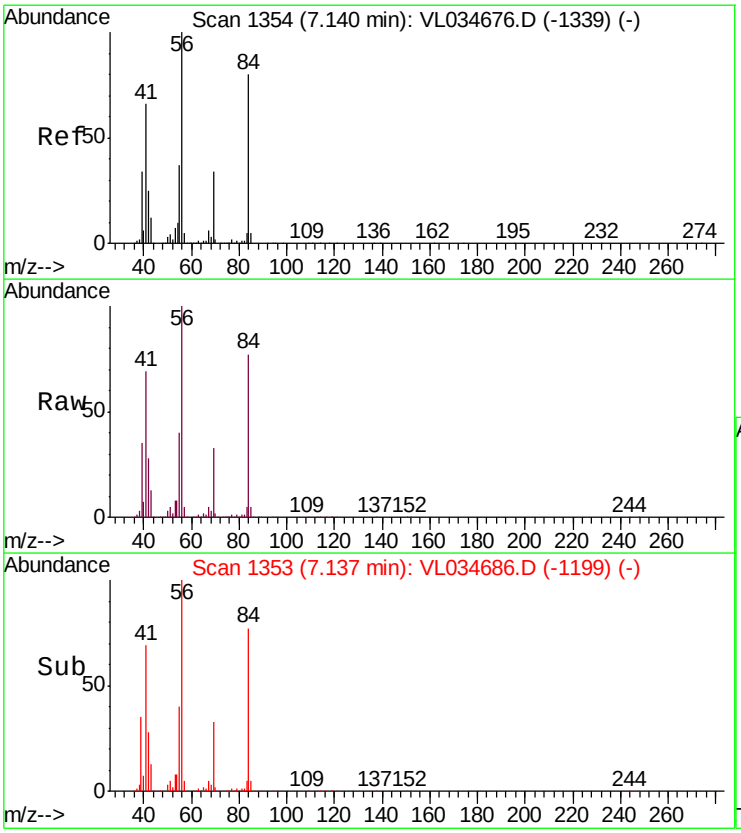
#29
Chloroform
Concen: 0.142 ppbv
RT: 5.74 min Scan# 919
Delta R.T. -0.01 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Instrument :
MSVOA_L
ClientSampleId :
E051-1100

Tgt Ion: 83 Resp: 21281

Ion	Ratio	Lower	Upper
83	100		
85	44.0	53.9	80.9#

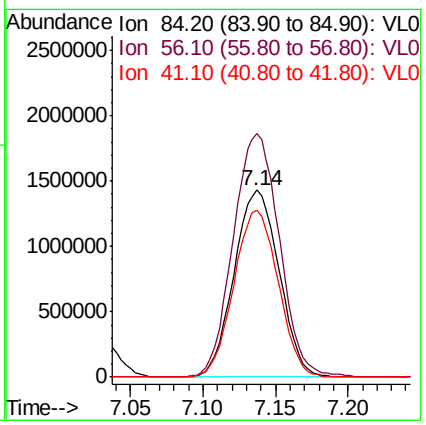


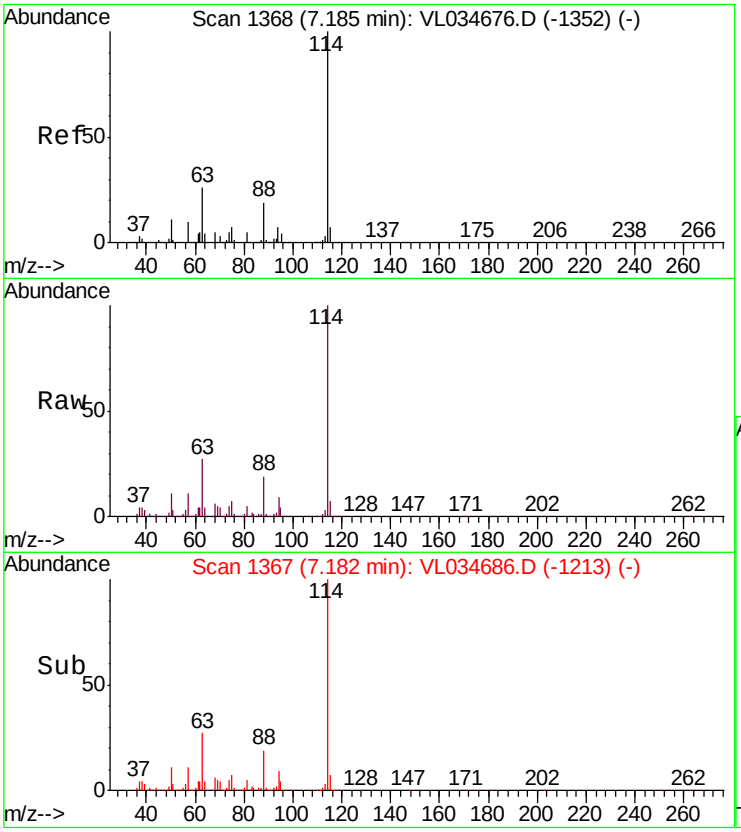


#30
Cyclohexane
Concen: 42.387 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. -0.00 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Tgt Ion: 84 Resp: 3088945

Ion	Ratio	Lower	Upper
84	100		
56	134.2	113.4	170.2
41	88.2	68.2	102.4



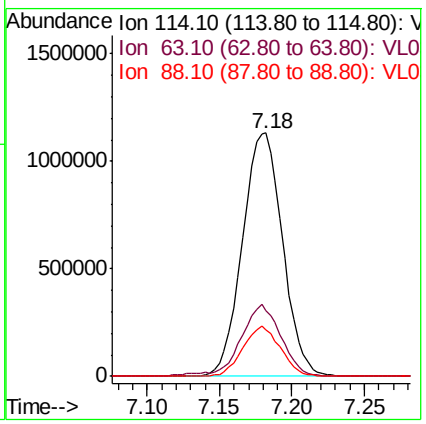


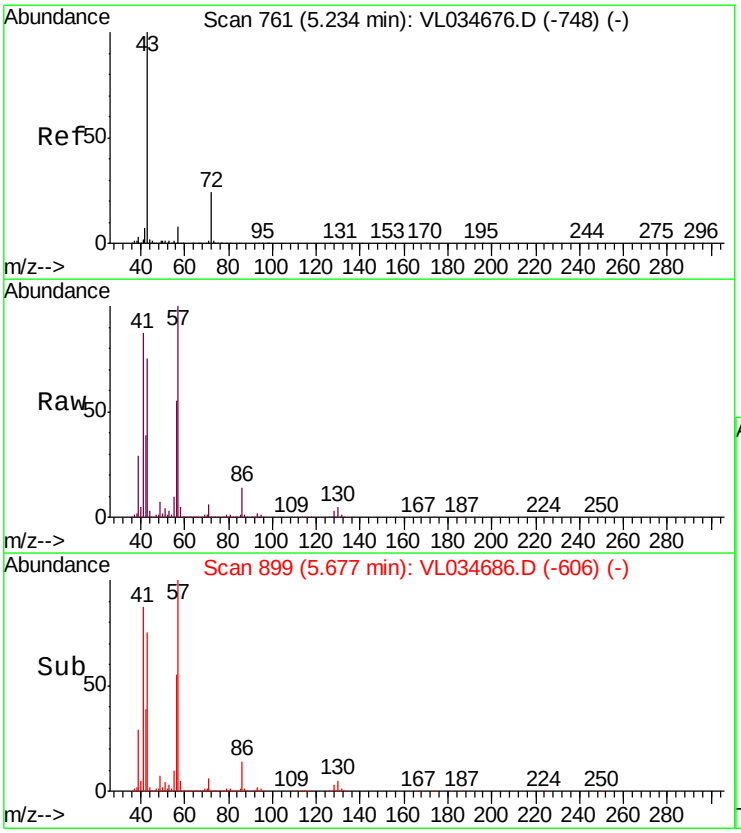
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Instrument :
MSVOA_L
ClientSampleId :
E051-1100

Tgt Ion:114 Resp: 2180283

Ion	Ratio	Lower	Upper
114	100		
63	29.9	22.9	34.3
88	19.4	15.8	23.6

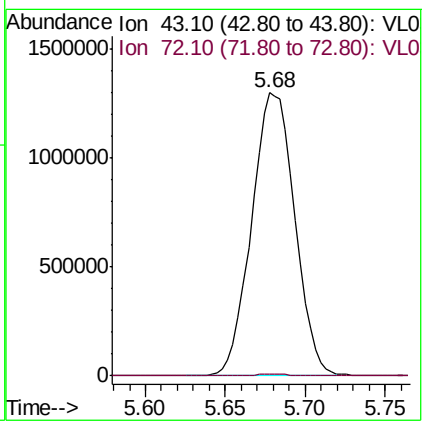


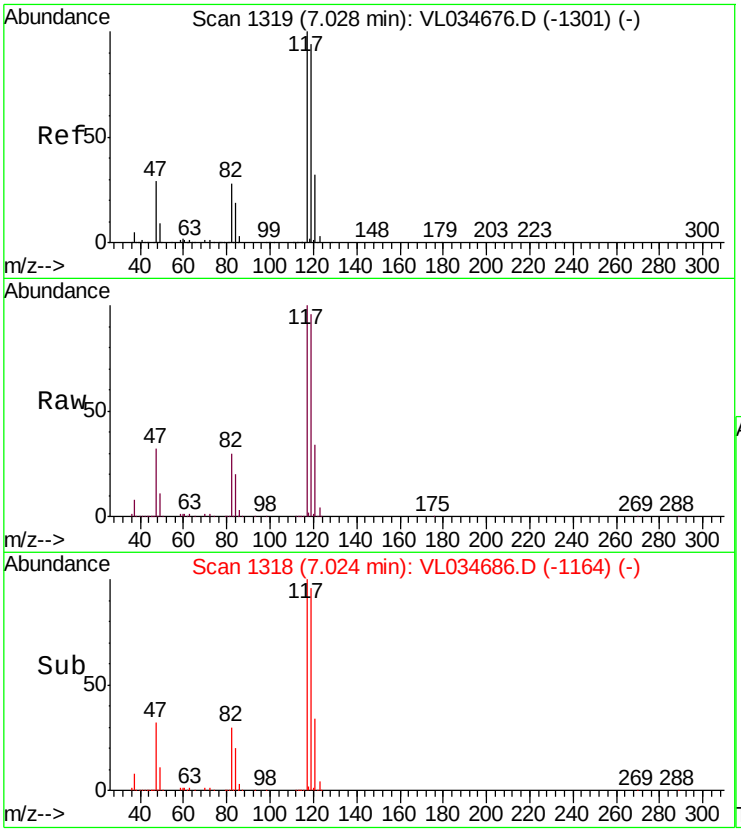


#34
2-Butanone
Concen: 17.582 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.44 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Tgt Ion: 43 Resp: 2412879

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.2	27.2#



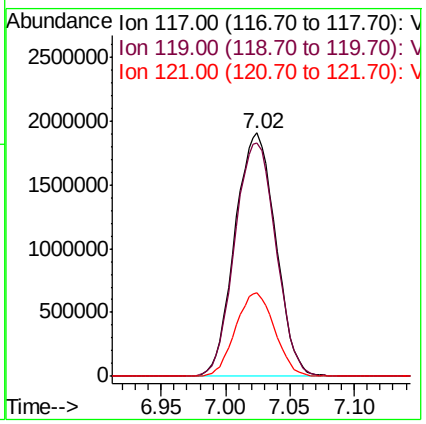


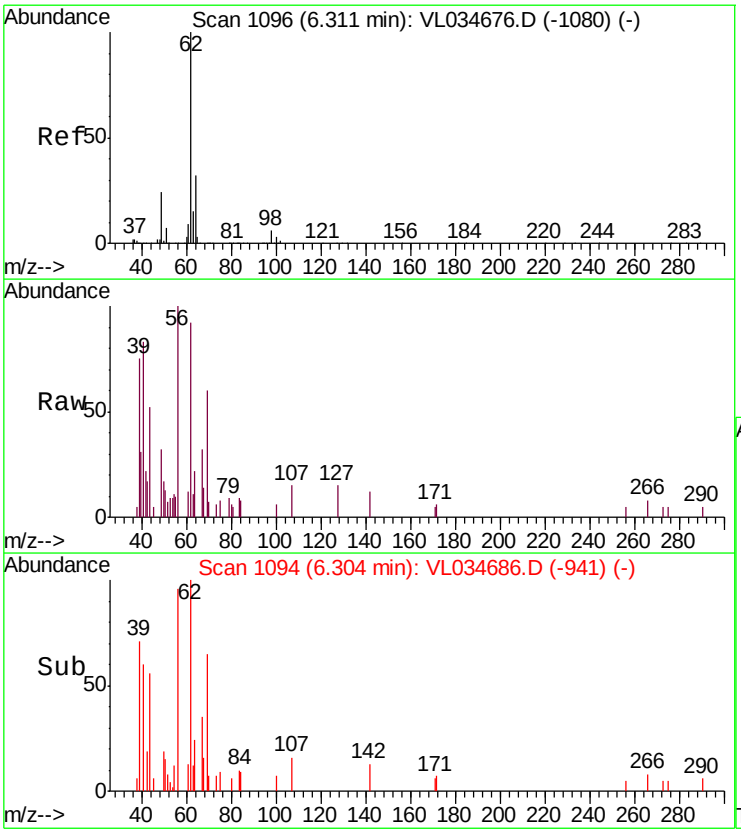
#35
Carbon Tetrachloride
Concen: 28.724 ppbv
RT: 7.02 min Scan# 1318
Delta R.T. -0.00 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Instrument :
MSVOA_L
ClientSampleId :
E051-1100

Tgt Ion:117 Resp: 4194221

Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.5	113.3
121	34.3	25.4	38.0

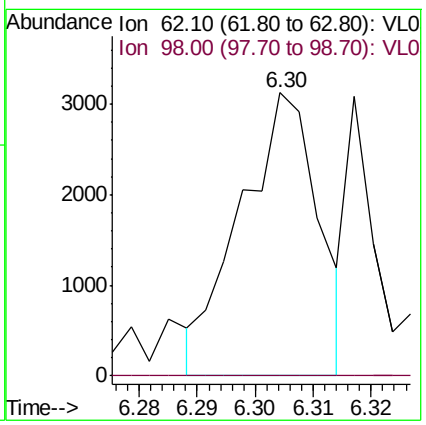


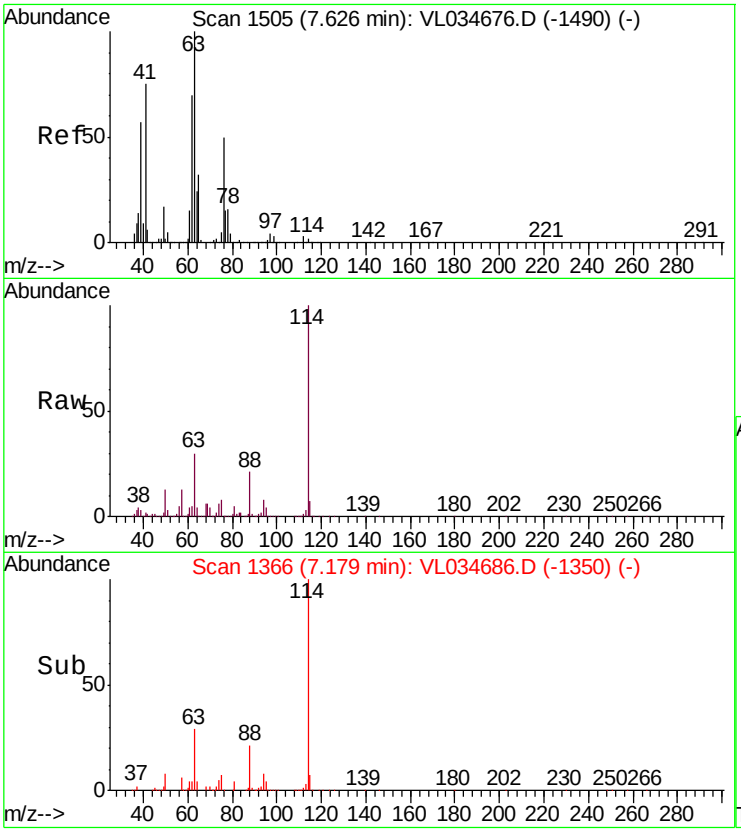


#37
1,2-Dichloroethane
Concen: 0.024 ppbv
RT: 6.30 min Scan# 1094
Delta R.T. -0.01 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Tgt Ion: 62 Resp: 2905

Ion	Ratio	Lower	Upper
62	100		
98	0.0	4.7	7.1#



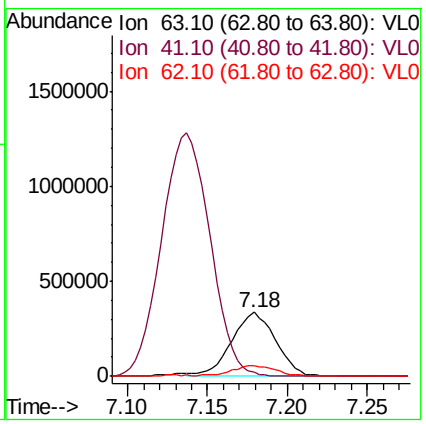


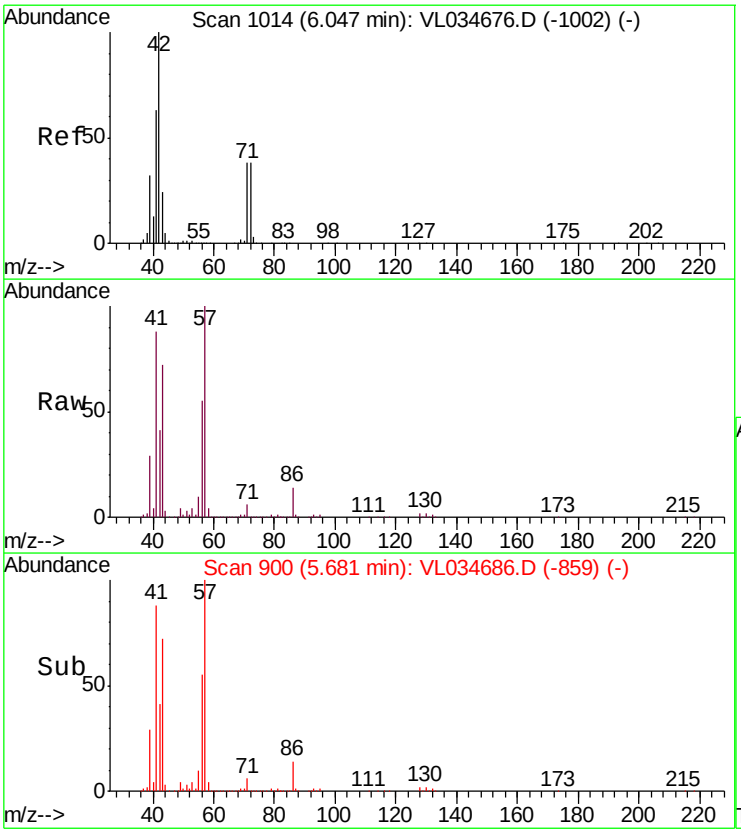
#39
1,2-Dichloropropane
Concen: 8.341 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.45 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Instrument :
MSVOA_L
ClientSampleId :
E051-1100

Tgt Ion: 63 Resp: 624912

Ion	Ratio	Lower	Upper
63	100		
41	5.6	60.2	90.4#
62	16.6	56.3	84.5#

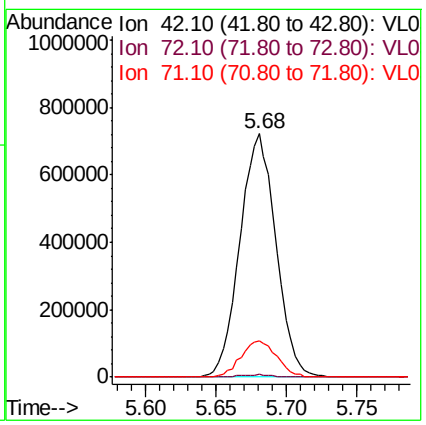


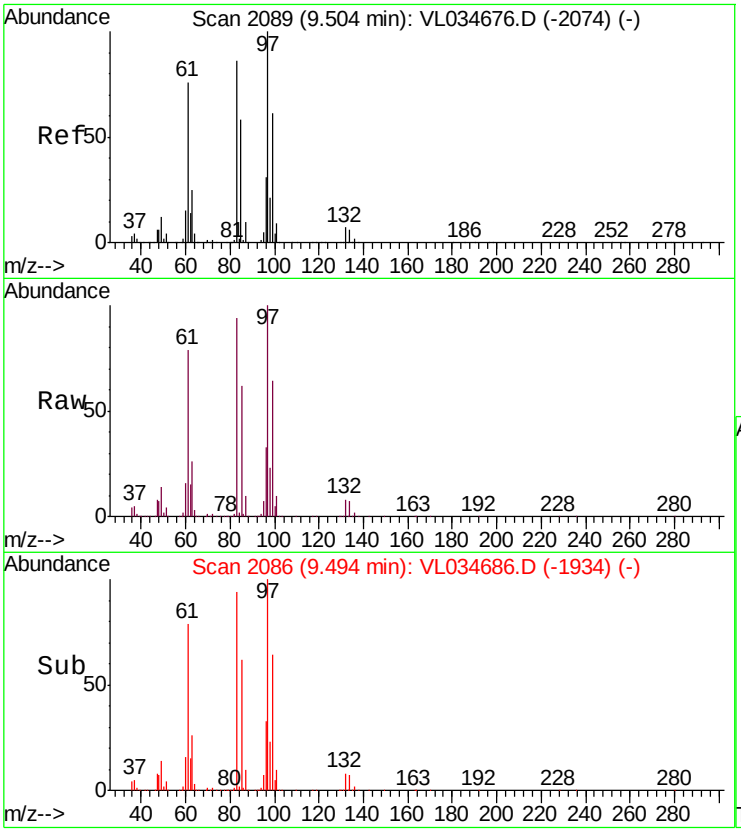


#41
Tetrahydrofuran
Concen: 17.830 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.37 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Tgt Ion: 42 Resp: 1291551

Ion	Ratio	Lower	Upper
42	100		
72	1.0	31.7	47.5#
71	15.0	30.7	46.1#



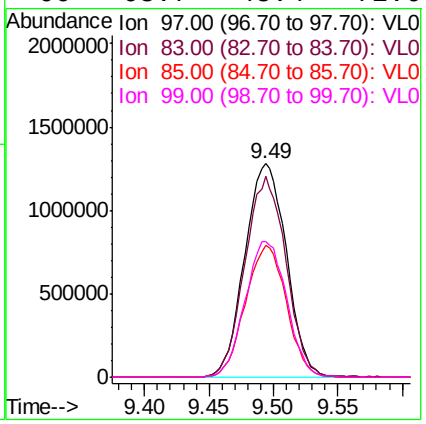


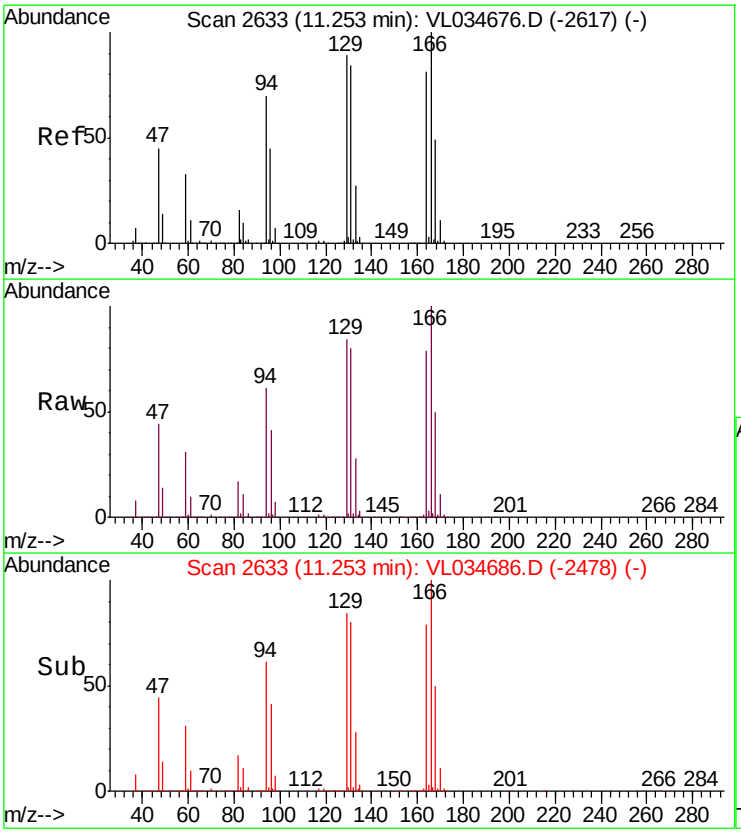
#47
1,1,2-Trichloroethane
Concen: 37.517 ppbv
RT: 9.49 min Scan# 2086
Delta R.T. -0.01 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Instrument : MSVOA_L
ClientSampleId : E051-1100

Tgt Ion: 97 Resp: 2883535

Ion	Ratio	Lower	Upper
97	100		
83	94.2	69.4	104.0
85	61.9	46.4	69.6
99	63.7	48.4	72.6

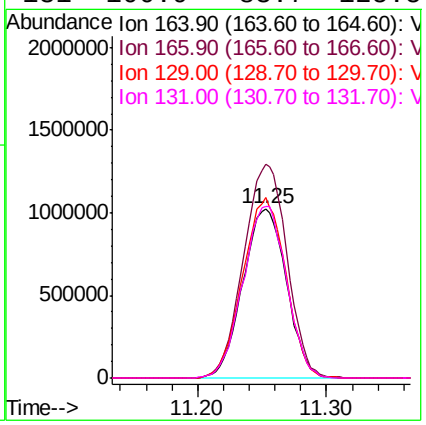


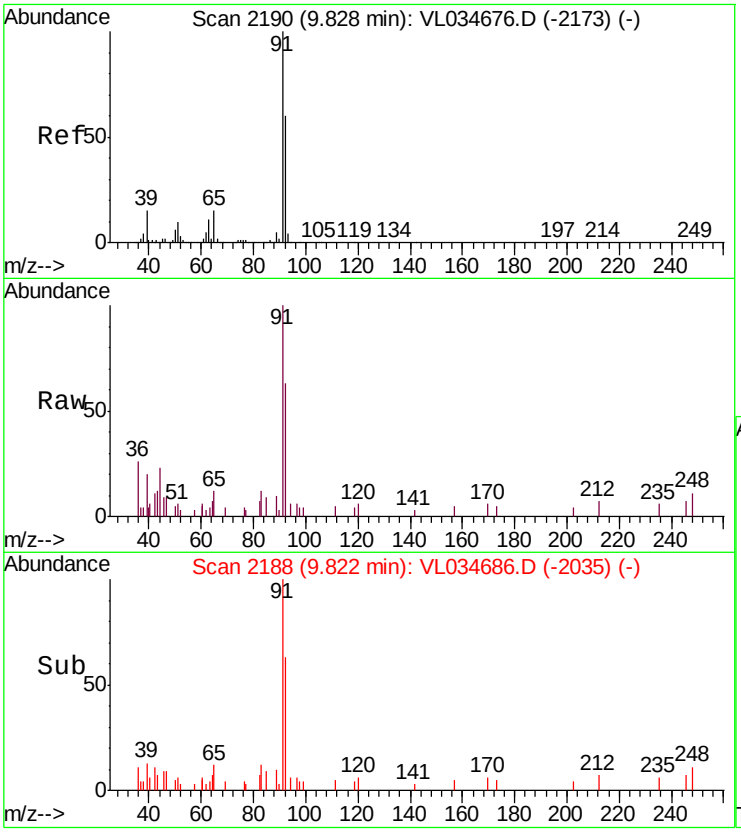


#52
Tetrachloroethene
Concen: 34.853 ppbv
RT: 11.25 min Scan# 2633
Delta R.T. -0.00 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Tgt Ion:164 Resp: 2405687

Ion	Ratio	Lower	Upper
164	100		
166	125.9	99.2	148.8
129	106.2	88.0	132.0
131	100.9	83.7	125.5



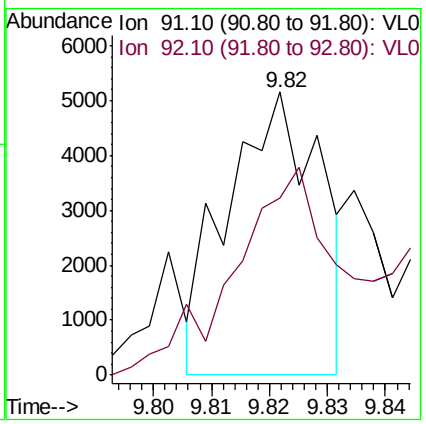


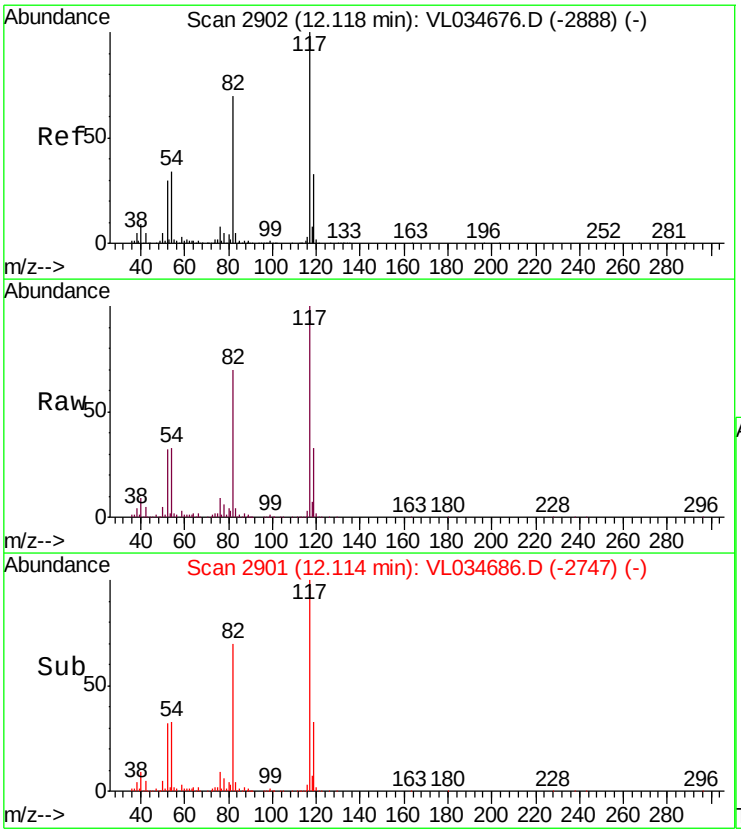
#53
Toluene
Concen: 0.029 ppbv
RT: 9.82 min Scan# 2188
Delta R.T. -0.01 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Instrument : MSVOA_L
ClientSampleId : E051-1100

Tgt Ion: 91 Resp: 5728

Ion	Ratio	Lower	Upper
91	100		
92	105.9	48.5	72.7#

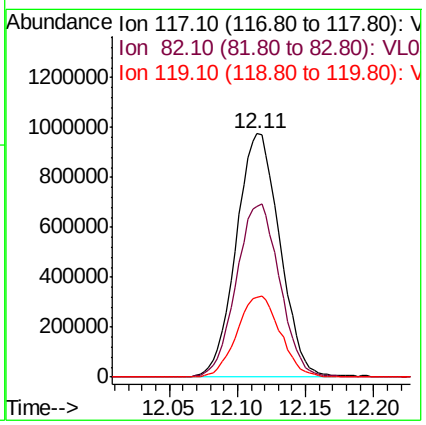


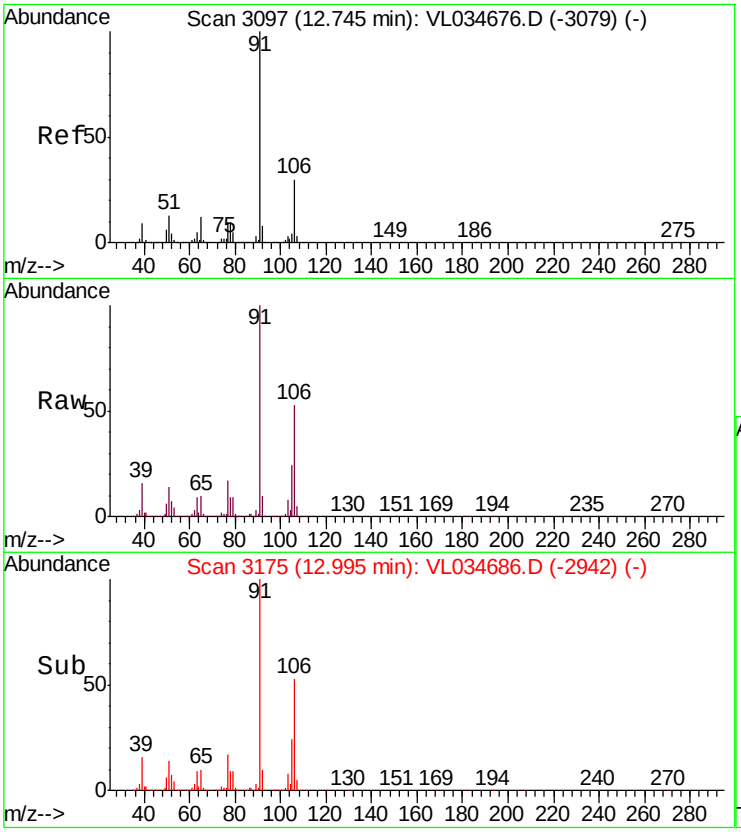


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. -0.00 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Tgt Ion:117 Resp: 2158400

Ion	Ratio	Lower	Upper
117	100		
82	71.7	54.1	81.1
119	33.4	27.6	41.4



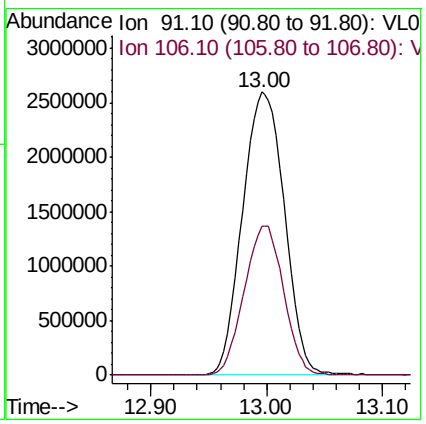


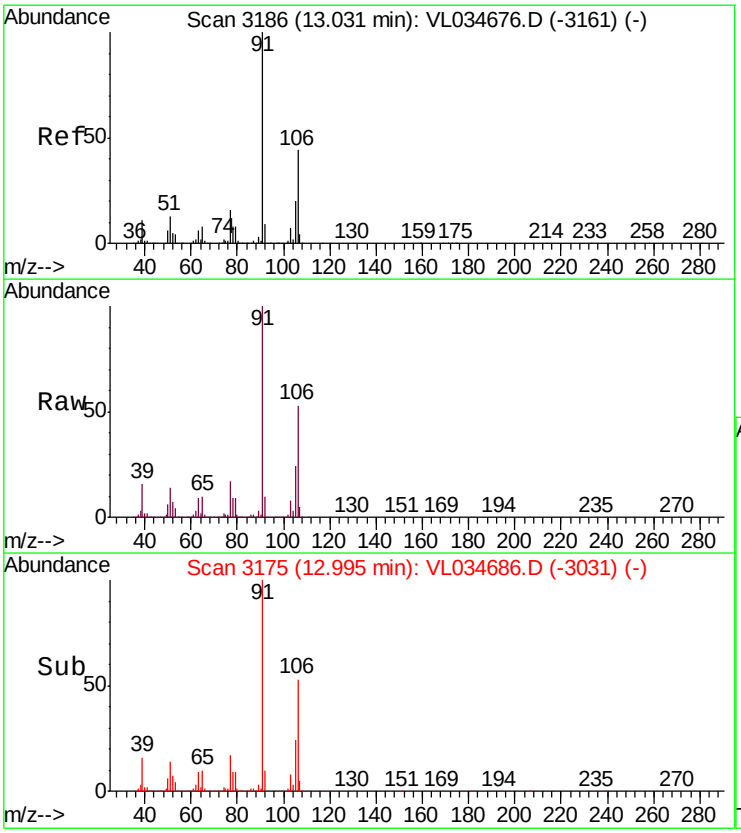
#58
Ethyl Benzene
Concen: 24.978 ppbv
RT: 13.00 min Scan# 3175
Delta R.T. 0.25 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Instrument :
MSVOA_L
ClientSampleId :
E051-1100

Tgt Ion: 91 Resp: 6522679

Ion	Ratio	Lower	Upper
91	100		
106	52.7	24.0	36.0#

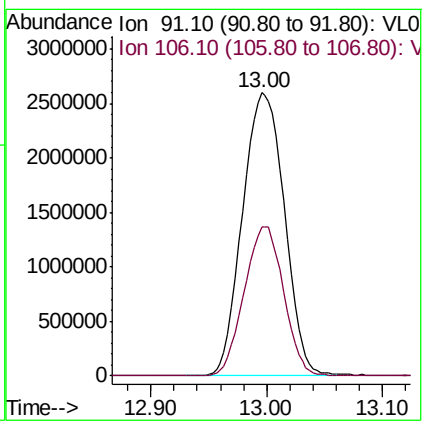


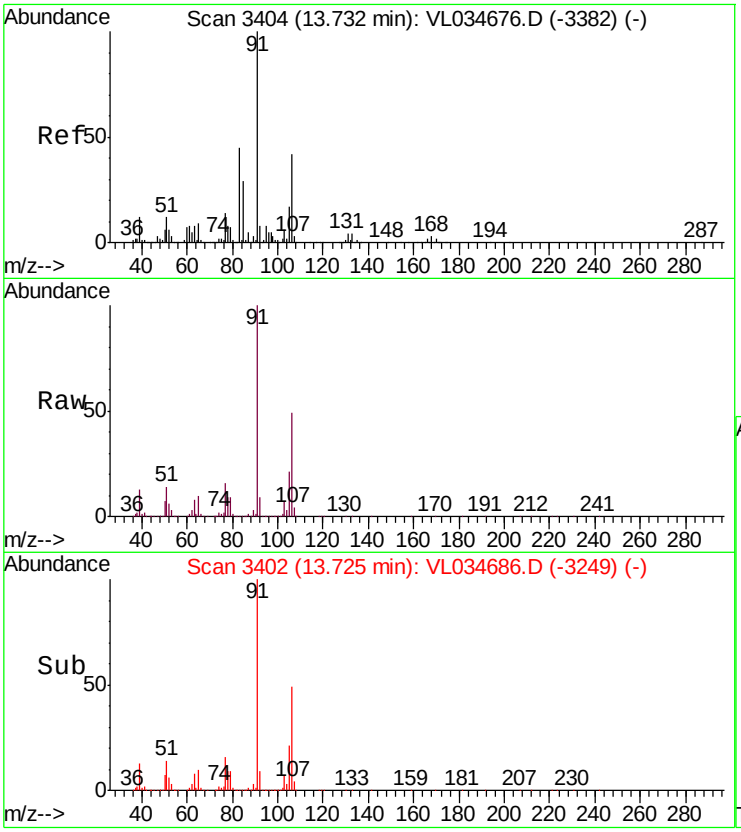


#59
m/p-Xylene
Concen: 28.638 ppbv
RT: 13.00 min Scan# 3175
Delta R.T. -0.04 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Tgt Ion: 91 Resp: 6522679

Ion	Ratio	Lower	Upper
91	100		
106	49.7	35.6	53.4



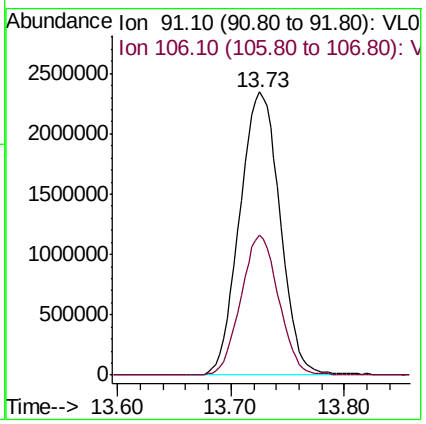


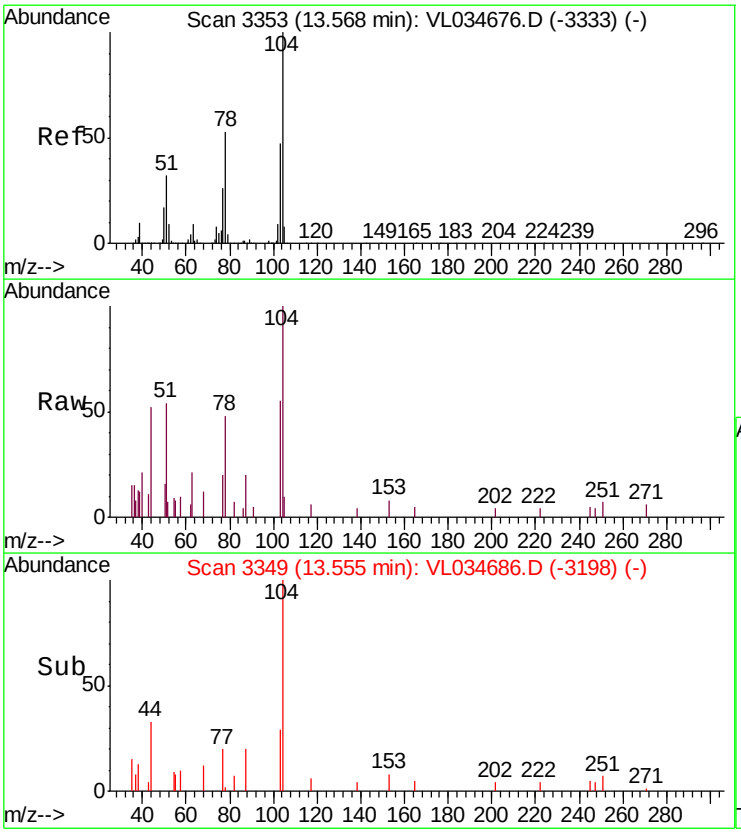
#60
o-Xylene
Concen: 25.696 ppbv
RT: 13.73 min Scan# 3402
Delta R.T. -0.01 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Instrument :
MSVOA_L
ClientSampleId :
E051-1100

Tgt Ion: 91 Resp: 5807582

Ion	Ratio	Lower	Upper
91	100		
106	46.5	21.9	65.5

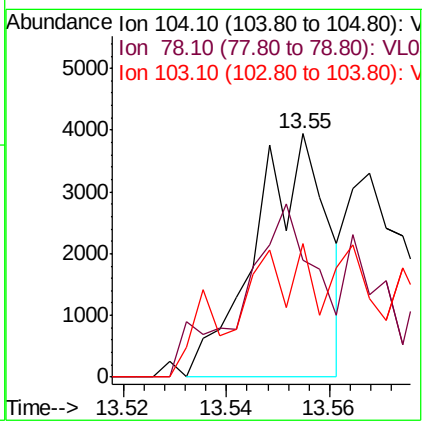


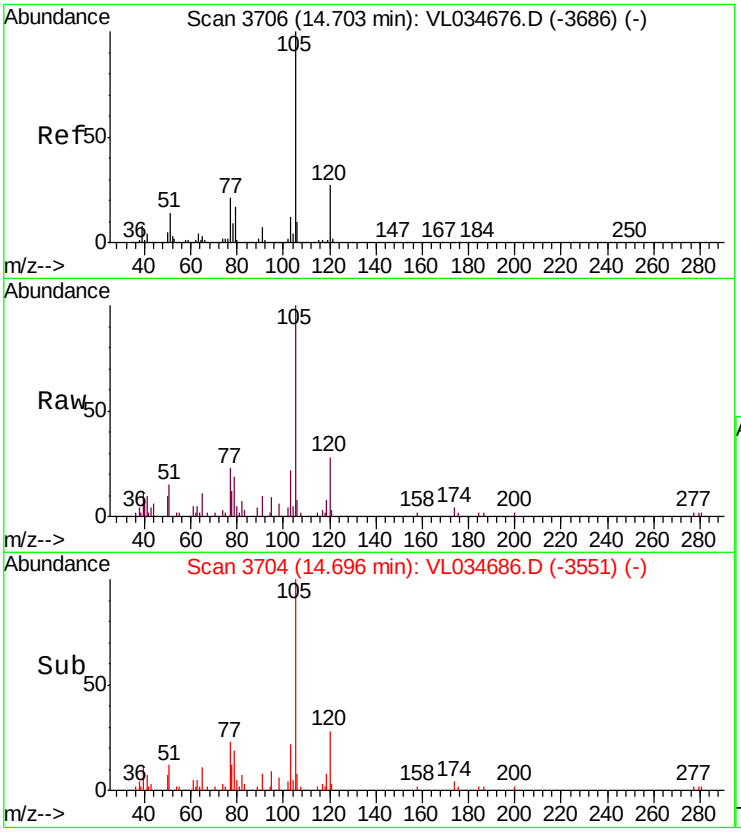


#61
Styrene
Concen: 0.026 ppbv
RT: 13.55 min Scan# 3349
Delta R.T. -0.01 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Tgt Ion:104 Resp: 3784

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



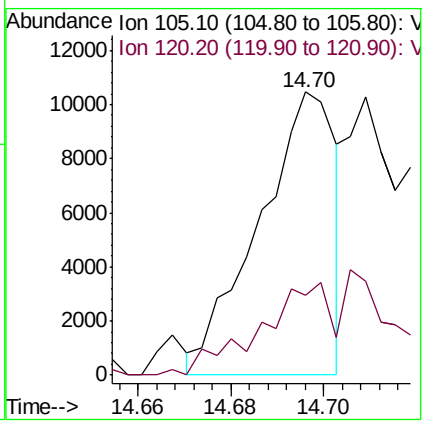


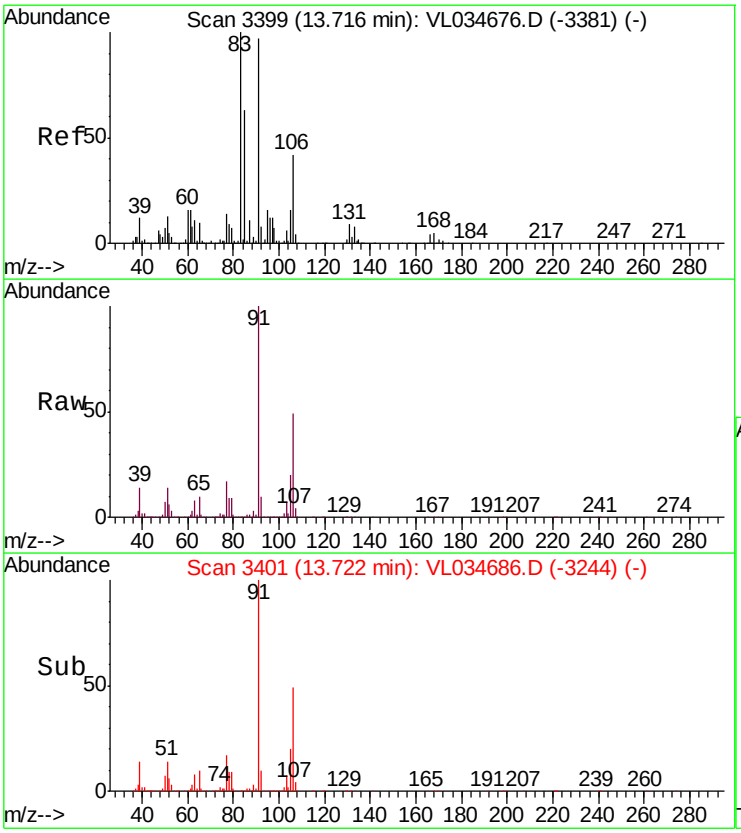
#62
Isopropylbenzene
Concen: 0.036 ppbv
RT: 14.70 min Scan# 3704
Delta R.T. -0.01 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Instrument : MSVOA_L
ClientSampleId : E051-1100

Tgt Ion:105 Resp: 12013

Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.2	30.4#

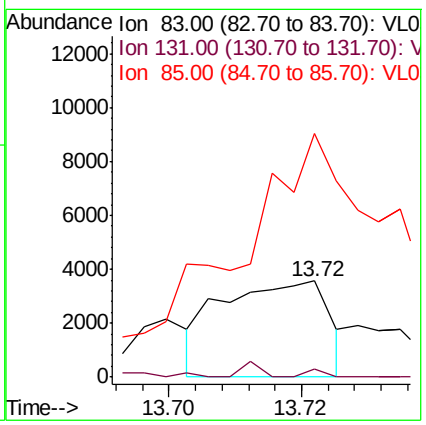


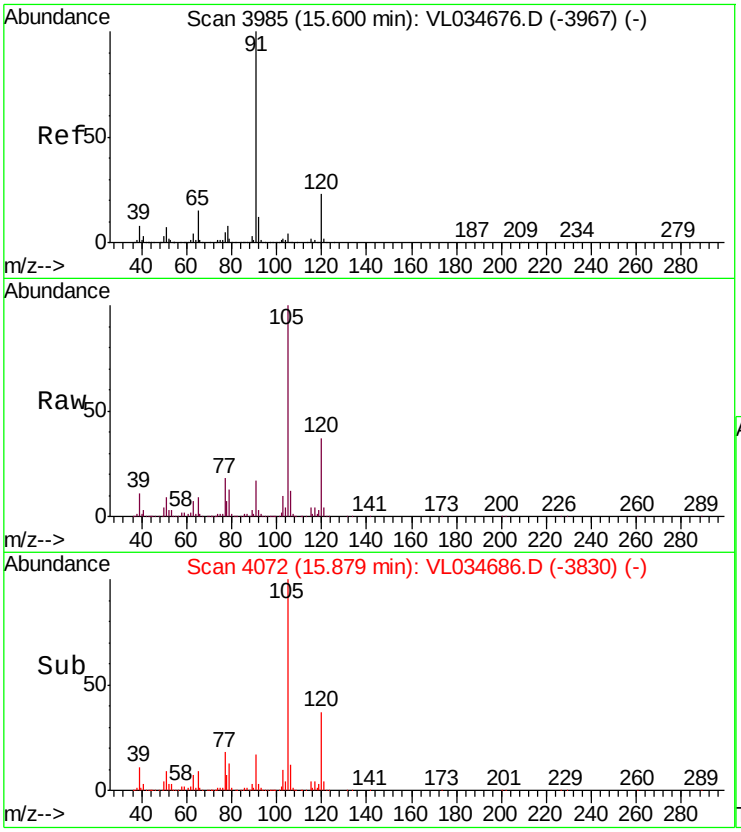


#63
1,1,2,2-Tetrachloroethane
Concen: 0.023 ppbv
RT: 13.72 min Scan# 3401
Delta R.T. 0.01 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Tgt Ion: 83 Resp: 4011

Ion	Ratio	Lower	Upper
83	100		
131	10.1	4.4	13.2
85	427.0	32.5	97.5#



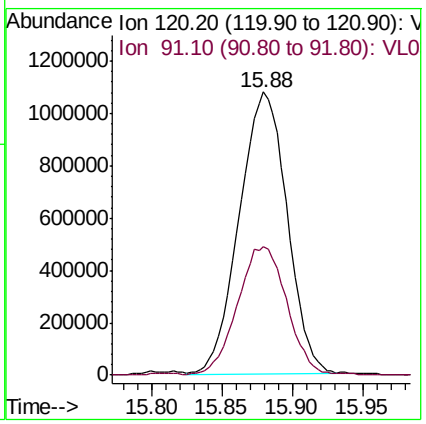


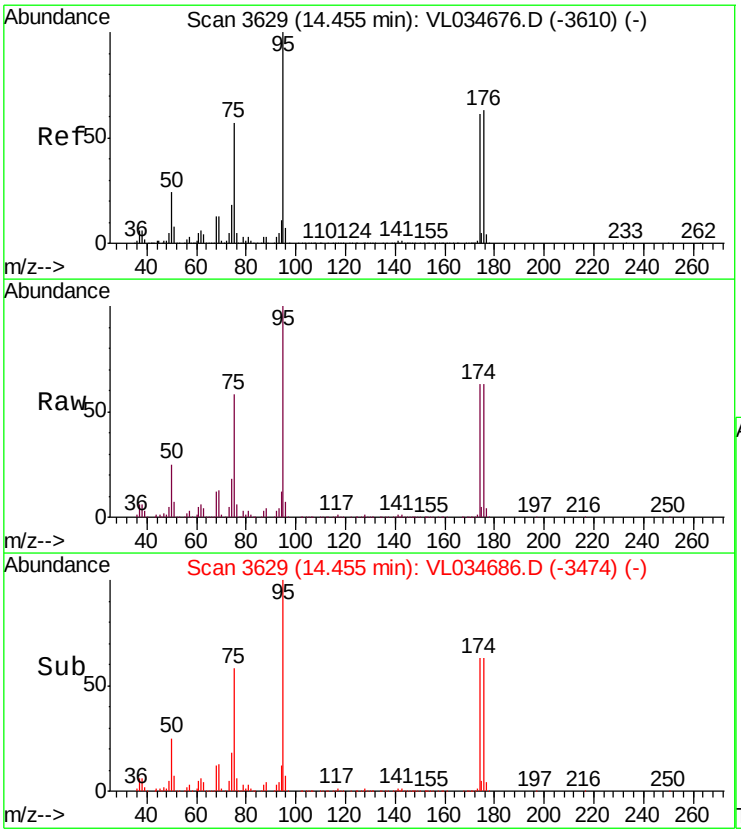
#64
n-propylbenzene
Concen: 30.033 ppbv
RT: 15.88 min Scan# 4072
Delta R.T. 0.28 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Instrument :
MSVOA_L
ClientSampleId :
E051-1100

Tgt Ion:120 Resp: 2552697

Ion	Ratio	Lower	Upper
120	100		
91	48.1	369.8	554.8#

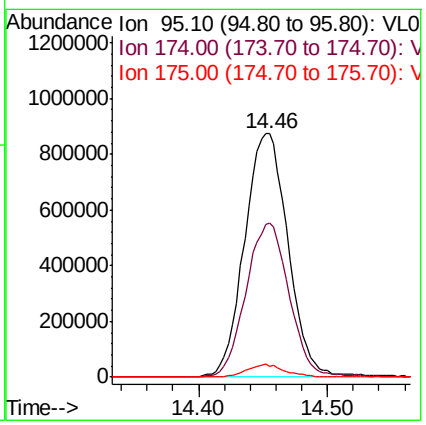


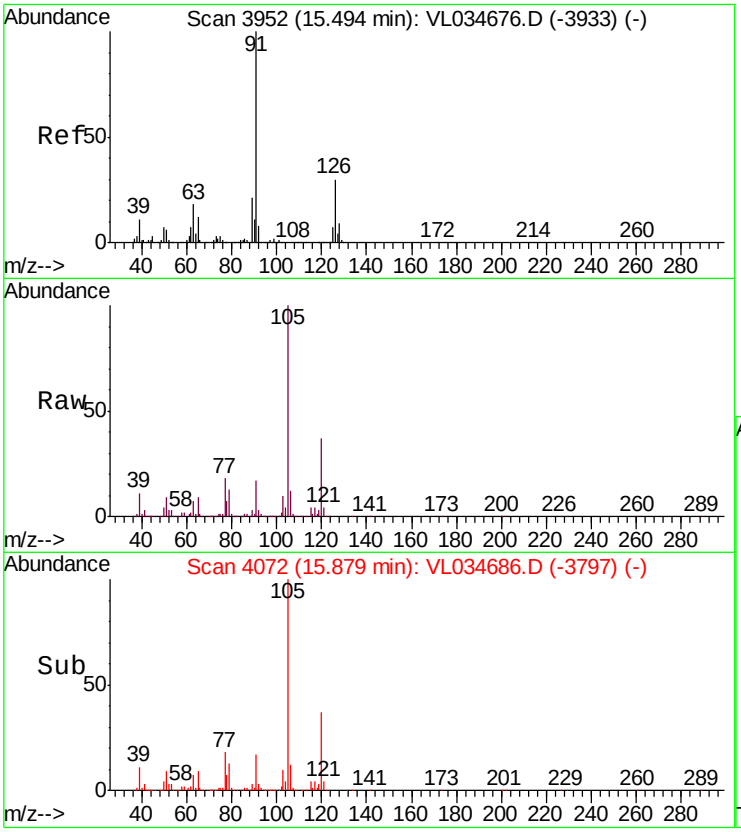


#68
1-Bromo-4-Fluorobenzene
Concen: 11.521 ppbv
RT: 14.46 min Scan# 3629
Delta R.T. -0.00 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Tgt Ion: 95 Resp: 2039023

Ion	Ratio	Lower	Upper
95	100		
174	63.6	50.7	76.1
175	4.8	3.9	5.9



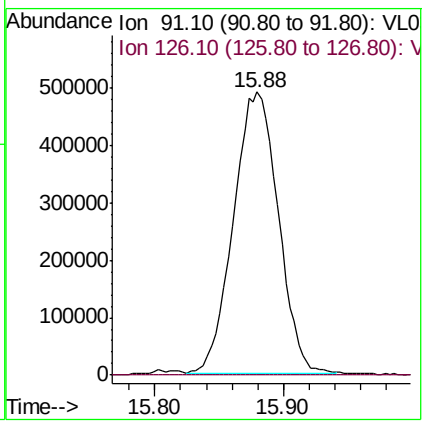


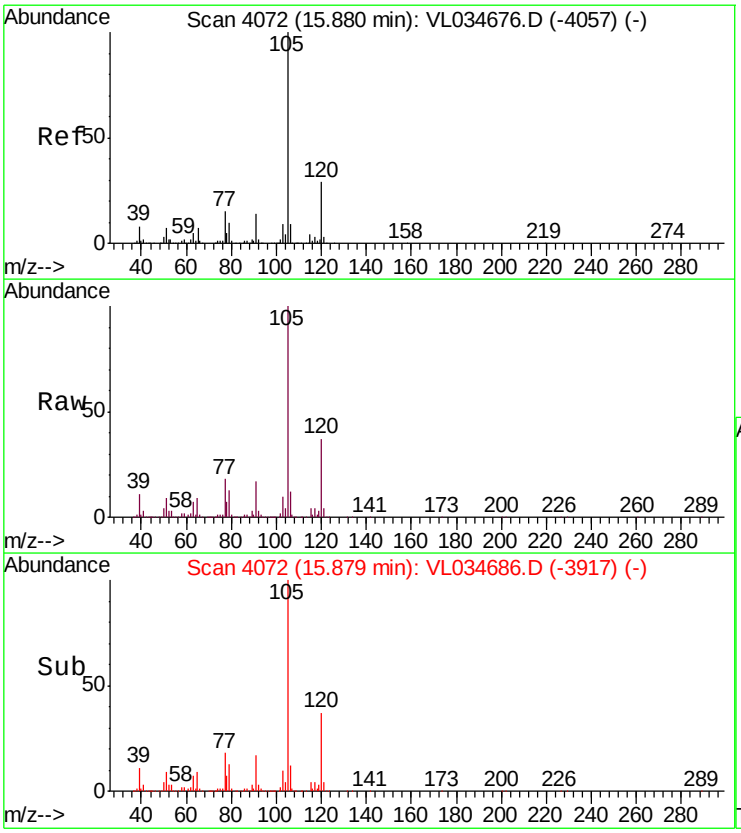
#71
2-Chlorotoluene
Concen: 4.608 ppbv
RT: 15.88 min Scan# 4072
Delta R.T. 0.39 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Instrument :
MSVOA_L
ClientSampleId :
E051-1100

Tgt Ion: 91 Resp: 1176689

Ion	Ratio	Lower	Upper
91	100		
126	0.0	11.8	47.2#

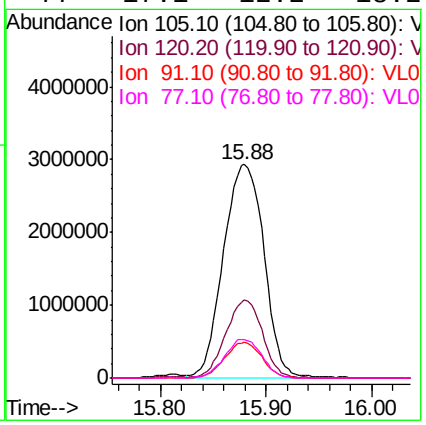


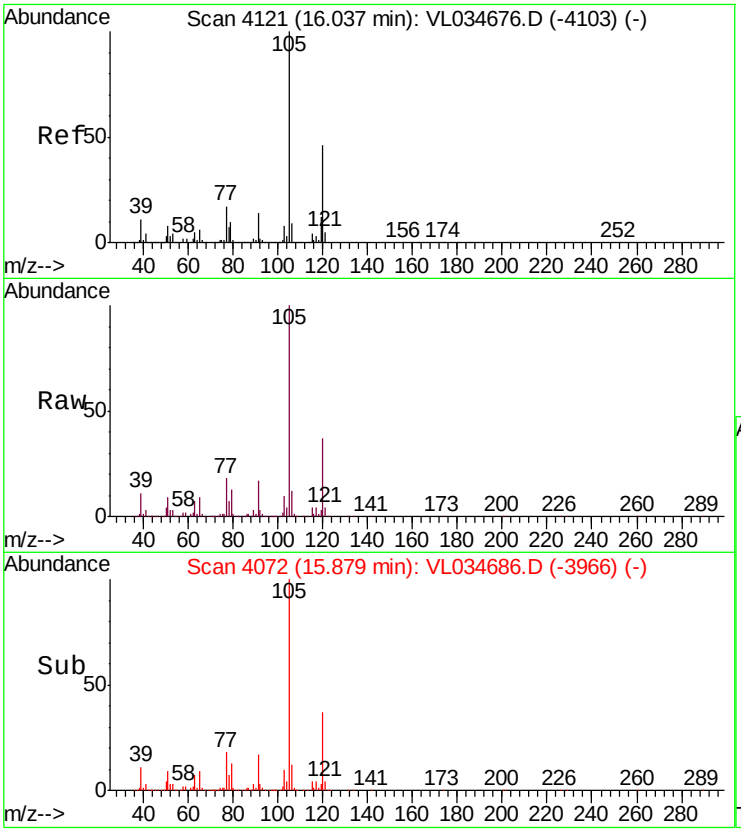


#72
4-Ethyltoluene
Concen: 31.045 ppbv
RT: 15.88 min Scan# 4072
Delta R.T. -0.00 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Tgt Ion:105 Resp: 7809715

Ion	Ratio	Lower	Upper
105	100		
120	33.7	23.7	35.5
91	15.7	10.9	16.3
77	17.1	12.2	18.2



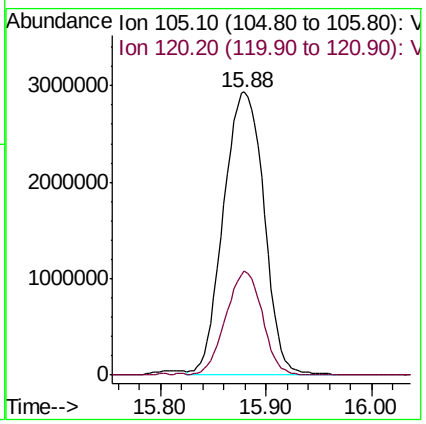


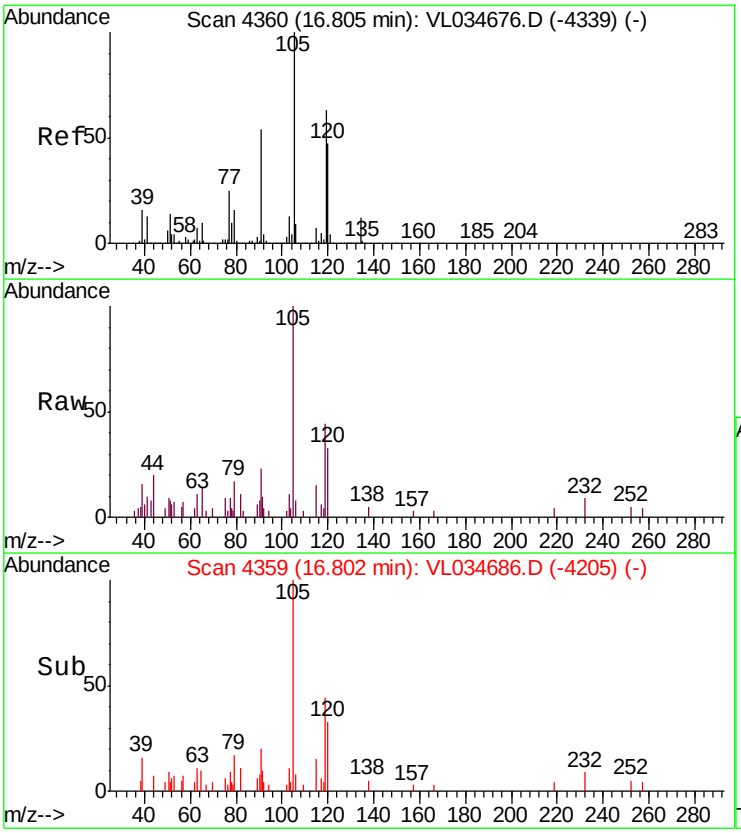
#73
1,3,5-Trimethylbenzene
Concen: 32.272 ppbv
RT: 15.88 min Scan# 4072
Delta R.T. -0.16 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Instrument :
MSVOA_L
ClientSampleId :
E051-1100

Tgt Ion:105 Resp: 7809715

Ion	Ratio	Lower	Upper
105	100		
120	36.8	37.1	55.7#

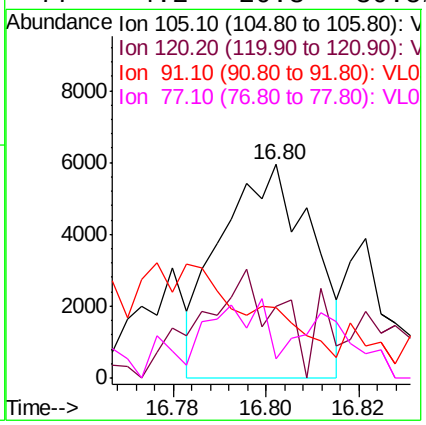


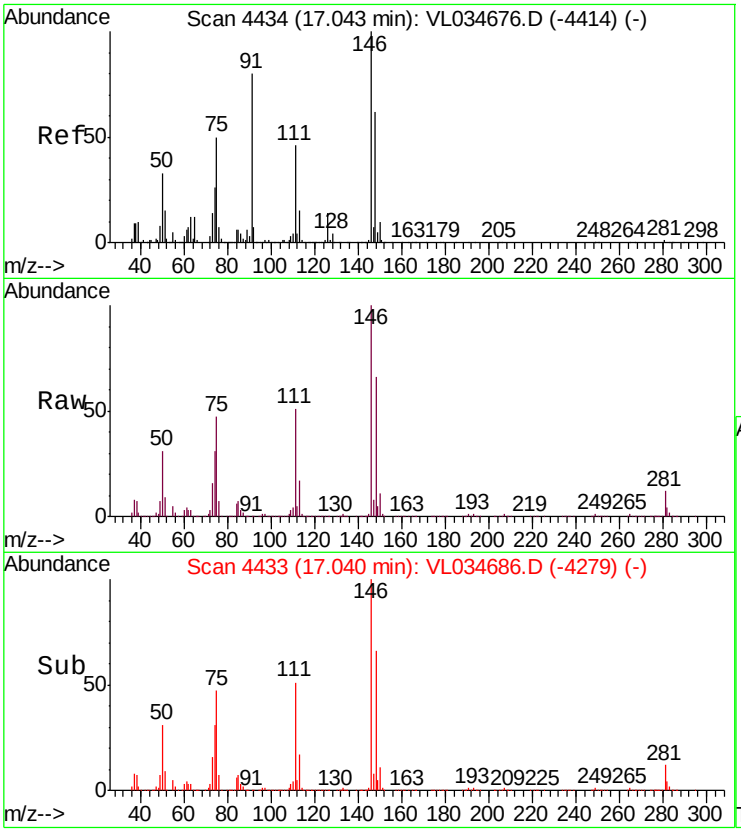


#74
1,2,4-Trimethylbenzene
Concen: 0.030 ppbv
RT: 16.80 min Scan# 4359
Delta R.T. -0.00 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Tgt Ion:105 Resp: 8091

Ion	Ratio	Lower	Upper
105	100		
120	26.7	37.9	56.9#
91	33.5	43.9	65.9#
77	4.2	20.3	30.5#



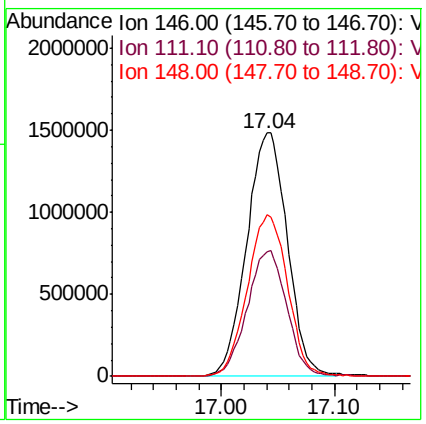


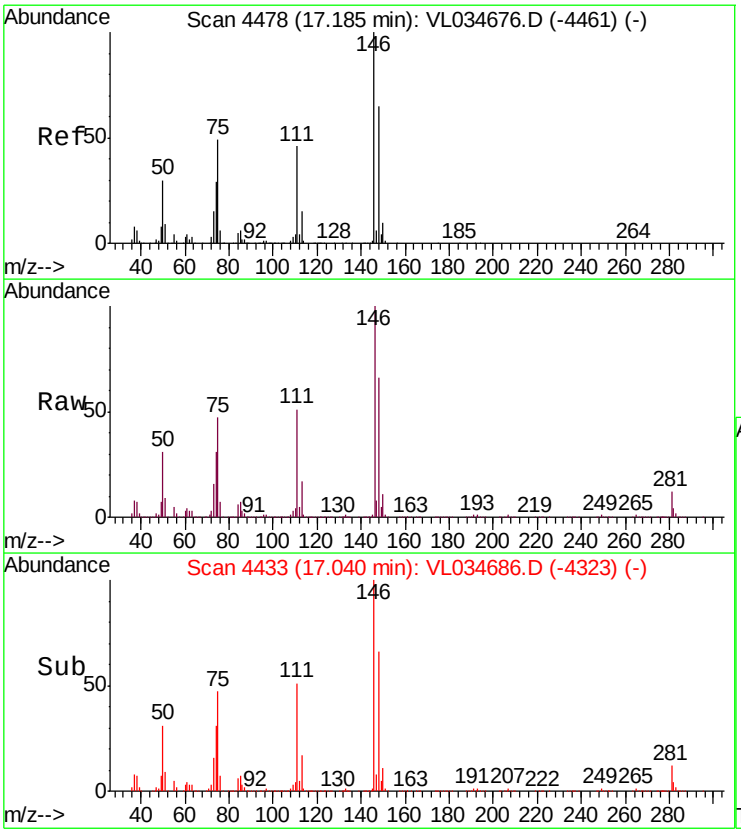
#75
1,3-Dichlorobenzene
Concen: 23.971 ppbv
RT: 17.04 min Scan# 4433
Delta R.T. -0.00 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Instrument : MSVOA_L
ClientSampleId : E051-1100

Tgt Ion:146 Resp: 3697943

Ion	Ratio	Lower	Upper
146	100		
111	50.6	24.4	73.2
148	66.1	32.5	97.4

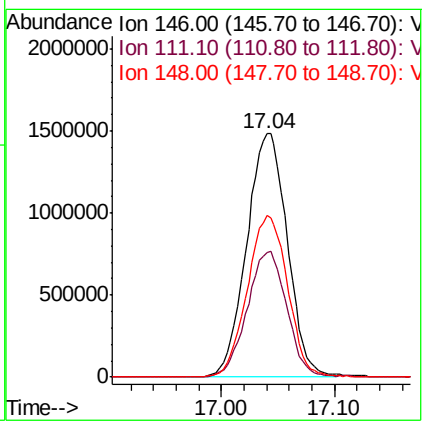


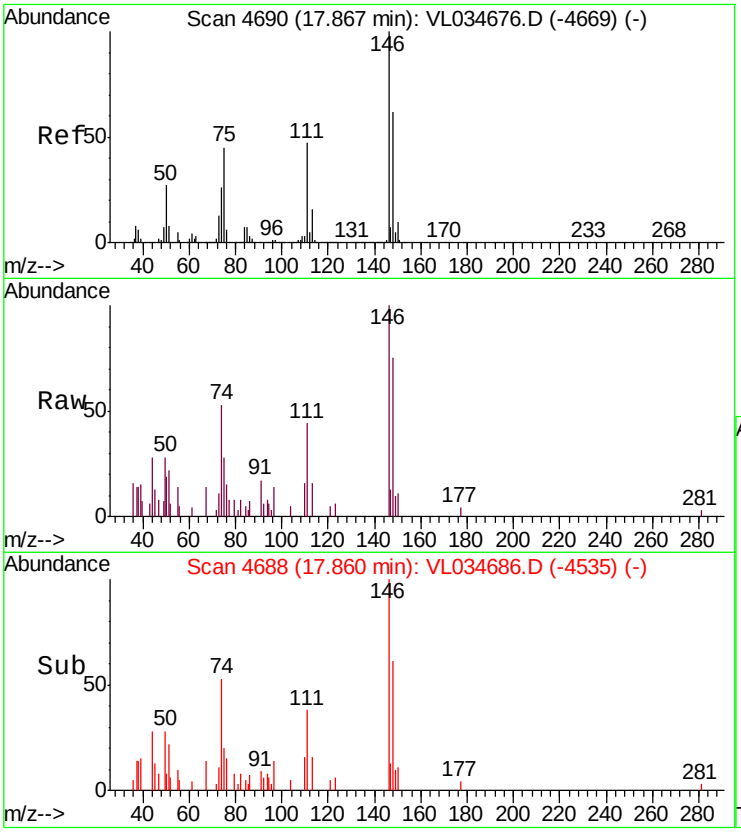


#76
1,4-Dichlorobenzene
Concen: 23.959 ppbv
RT: 17.04 min Scan# 4433
Delta R.T. -0.14 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Tgt Ion:146 Resp: 3697943

Ion	Ratio	Lower	Upper
146	100		
111	50.6	23.4	70.0
148	66.1	31.9	95.5



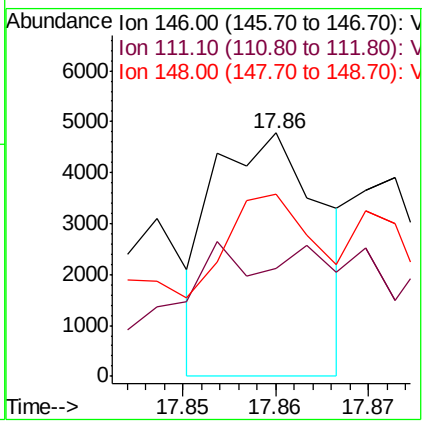


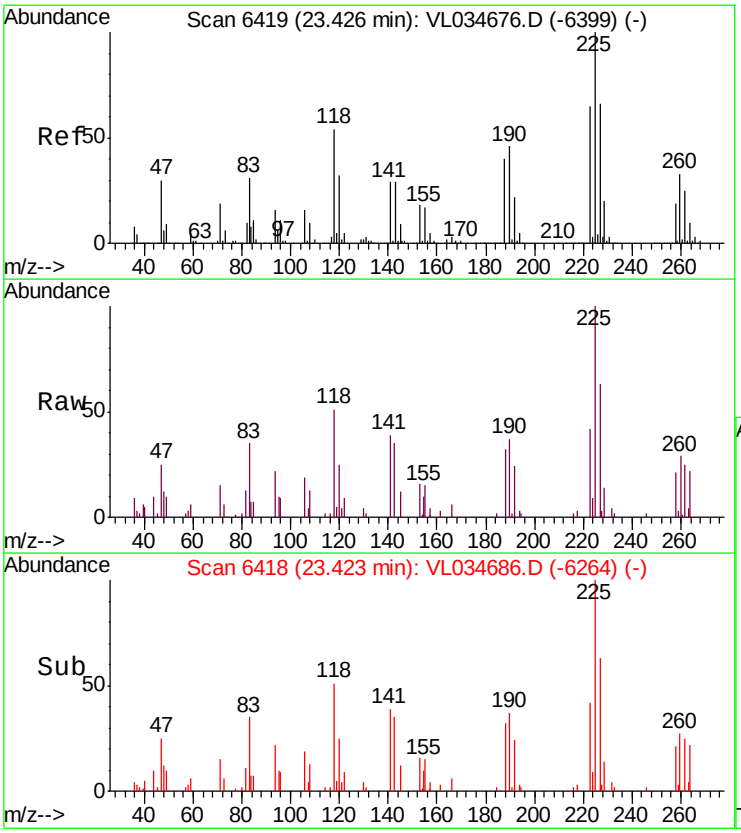
#77
1,2-Dichlorobenzene
Concen: 0.026 ppbv
RT: 17.86 min Scan# 4688
Delta R.T. -0.01 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Instrument : MSVOA_L
ClientSampleId : E051-1100

Tgt Ion:146 Resp: 3879

Ion	Ratio	Lower	Upper
146	100		
111	173.8	24.9	74.7#
148	200.8	32.0	96.0#

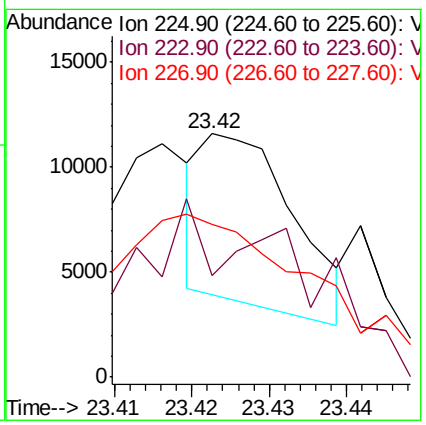


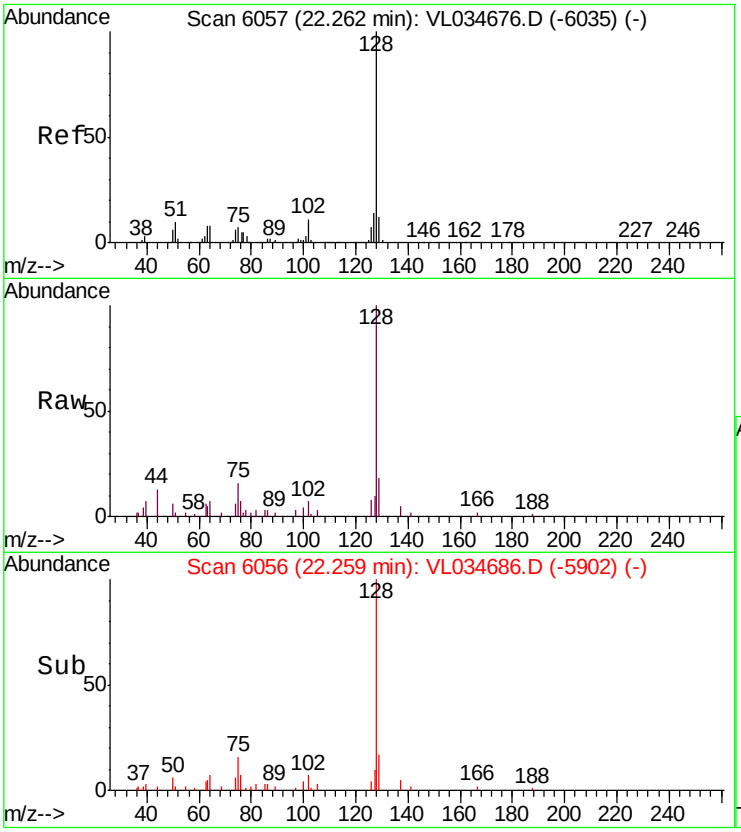


#78
Hexachloro-1,3-Butadiene
Concen: 0.050 ppbv
RT: 23.42 min Scan# 6418
Delta R.T. -0.00 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Tgt Ion:225 Resp: 6481

Ion	Ratio	Lower	Upper
225	100		
223	256.4	51.3	76.9#
227	282.9	51.3	76.9#



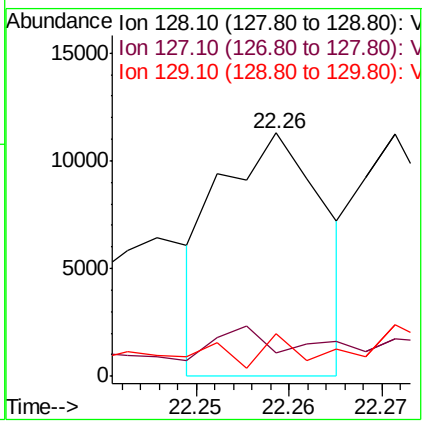


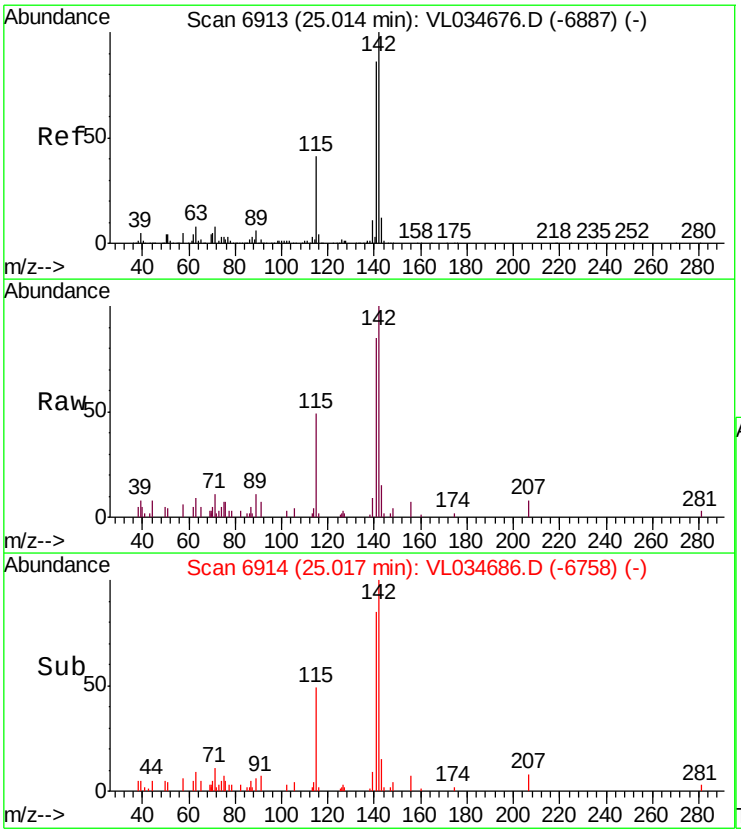
#79
Naphthalene
Concen: 0.038 ppbv
RT: 22.26 min Scan# 6056
Delta R.T. -0.00 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Instrument :
MSVOA_L
ClientSampleId :
E051-1100

Tgt Ion:128 Resp: 8915

Ion	Ratio	Lower	Upper
128	100		
127	6.7	11.0	16.6#
129	21.3	9.4	14.2#

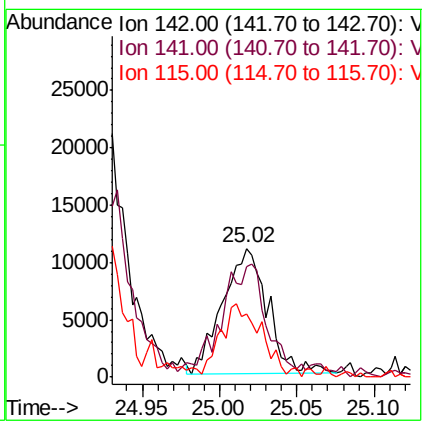


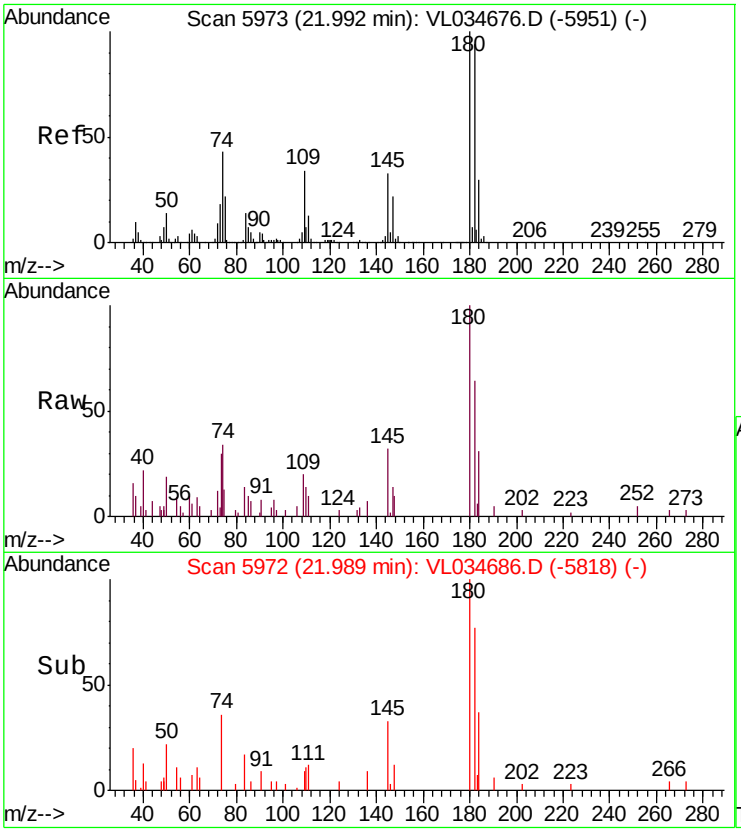


#80
Naphthalene,2-methyl-
Concen: 0.307 ppbv
RT: 25.02 min Scan# 6914
Delta R.T. 0.00 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Tgt Ion:142 Resp: 22259

Ion	Ratio	Lower	Upper
142	100		
141	98.4	66.5	99.7
115	56.9	30.6	46.0#





#81
1,2,4-Trichlorobenzene
Concen: 0.038 ppbv
RT: 21.99 min Scan# 5972
Delta R.T. -0.00 min
Lab File: VL034686.D
Acq: 26 Feb 2020 9:55

Instrument :
MSVOA_L
ClientSampleId :
E051-1100

Tgt Ion:180 Resp: 5302

Ion	Ratio	Lower	Upper
180	100		
182	0.0	76.5	114.7#
184	85.3	25.2	37.8#