Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL073019\
Data File : VL034062.D
Acq On : 30 Jul 2019 12:47
Operator : SY/AP
Sample : K4033-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Jul 31 02:11:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL073019AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Jul 30 06:55:18 2019
QLast Update : Tue Jul 30 06:55:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.72	49	1013730	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.25	114	4263390	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.19	117	3156315	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.52	95	2595952	10.41	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.10%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	2.99	51	199418	1.704	ppbv	#	91
4) Chloromethane	3.15	50	24706	0.360	ppbv	#	77
9) Propene	3.21	41	819538	19.508	ppbv		93
10) Heptane	8.20	43	745307	6.505	ppbv		98
11) Trichlorofluoromethane	3.97	101	34266	0.158	ppbv		94
12) 1,1,2-Trichlorotrifluoroet	4.52	101	6592	0.045	ppbv	#	1
13) Ethanol	3.64	45	419894	25.113	ppbv	#	36
15) Acetone	3.87	43	1170998	7.598	ppbv	#	87
16) 1,3-Butadiene	3.31	39	118198	1.975	ppbv	#	41
17) tert-Butyl alcohol	4.35	59	93250	0.736	ppbv	#	72
19) Isopropyl Alcohol	4.02	45	74428	0.707	ppbv	#	94
20) Methylene Chloride	4.37	84	229732	3.897	ppbv		94
21) Allyl Chloride	4.39	41	128013	1.316	ppbv	#	47
23) Vinyl Acetate	5.10	43	285076	1.727	ppbv	#	1
25) Ethyl Acetate	5.74	43	922974	4.028	ppbv	#	76
26) Hexane	5.74	57	1394974	13.461	ppbv	#	41
27) Carbon Disulfide	4.58	76	346555	2.147	ppbv	#	92
29) Chloroform	5.80	83	341512	1.804	ppbv		96
30) Cyclohexane	7.20	84	726816	6.903	ppbv		93
32) 1,1,1-Trichloroethane	6.57	97	81356	0.410	ppbv		96
34) 2-Butanone	5.30	43	253430	1.444	ppbv		97
35) Carbon Tetrachloride	7.09	117	9893	0.033	ppbv	#	64
36) Benzene	6.96	78	1556294	5.484	ppbv		98
38) Trichloroethene	7.91	130	9735	0.082	ppbv	#	61
39) 1,2-Dichloropropane	7.25	63	1067037	9.265	ppbv	#	23
41) Tetrahydrofuran	5.82	42	21002	0.236	ppbv	#	47
42) Bromodichloromethane	7.87	83	22085	0.082	ppbv	#	40
44) 2,2,4-Trimethylpentane	7.95	57	810648	1.720	ppbv	#	75
50) 4-Methyl-2-Pentanone	8.83	43	15701	0.060	ppbv	#	37
51) 2-Hexanone	10.23	43	21854	0.101	ppbv	#	66
52) Tetrachloroethene	11.32	164	286094	2.571	ppbv		97
53) Toluene	9.90	91	21399297	72.265	ppbv		91
58) Ethyl Benzene	12.81	91	5155142	13.801	ppbv		98
59) m/p-Xylene	13.07	91	15479838	45.588	ppbv		95
60) o-Xylene	13.80	91	6397264	18.955	ppbv		98
61) Styrene	13.63	104	1194120	5.358	ppbv		99
62) Isopropylbenzene	14.78	105	1696521	3.752	ppbv		99
64) n-propylbenzene	15.67	120	651221	5.562	ppbv		95
65) tert-Butylbenzene	16.88	119	1395253	3.347	ppbv	#	72
66) Benzyl Chloride	16.94	91	34289	0.164	ppbv	#	1
67) sec-Butylbenzene	17.41	105	200255	0.338	ppbv		99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL073019\
Data File : VL034062.D
Acq On : 30 Jul 2019 12:47
Operator : SY/AP
Sample : K4033-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Jul 31 02:11:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL073019AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Jul 30 06:55:18 2019
QLast Update : Tue Jul 30 06:55:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
69) p-Isopropyltoluene	17.77	119	117704	0.244	ppbv	#	47
70) n-Butylbenzene	18.67	91	807948	1.580	ppbv	#	42
71) 2-Chlorotoluene	15.67	91	3197467	9.740	ppbv	#	45
72) 4-Ethyltoluene	15.95	105	4069175	10.663	ppbv		98
73) 1,3,5-Trimethylbenzene	16.11	105	2927359	7.537	ppbv		100
74) 1,2,4-Trimethylbenzene	16.88	105	12003979	28.135	ppbv	#	85
79) Naphthalene	22.35	128	1028777	2.766	ppbv		98
80) Naphthalene,2-methyl-	25.39	142	20913	0.161	ppbv		94

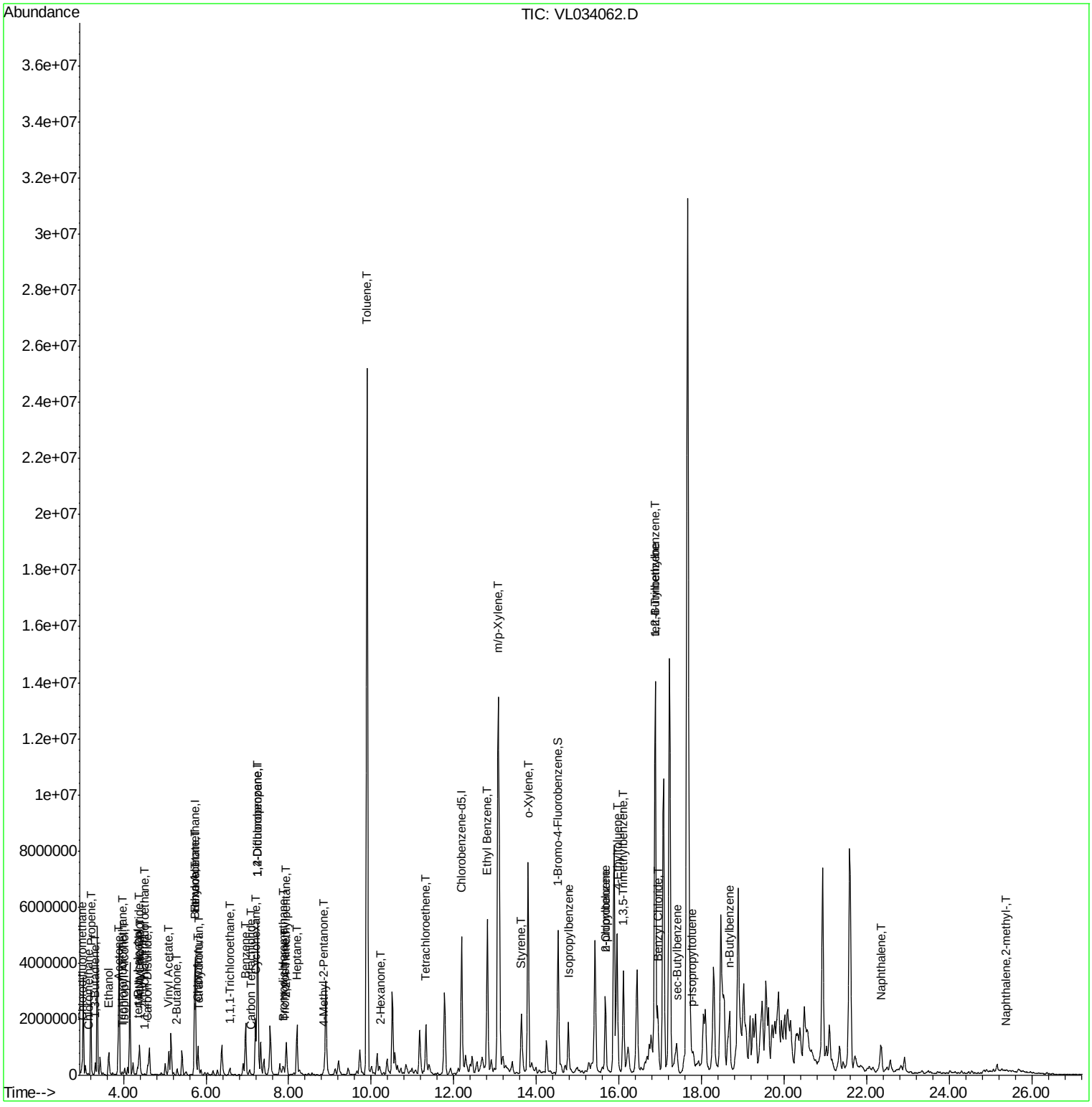
(#) = qualifier out of range (m) = manual integration (+) = signals summed

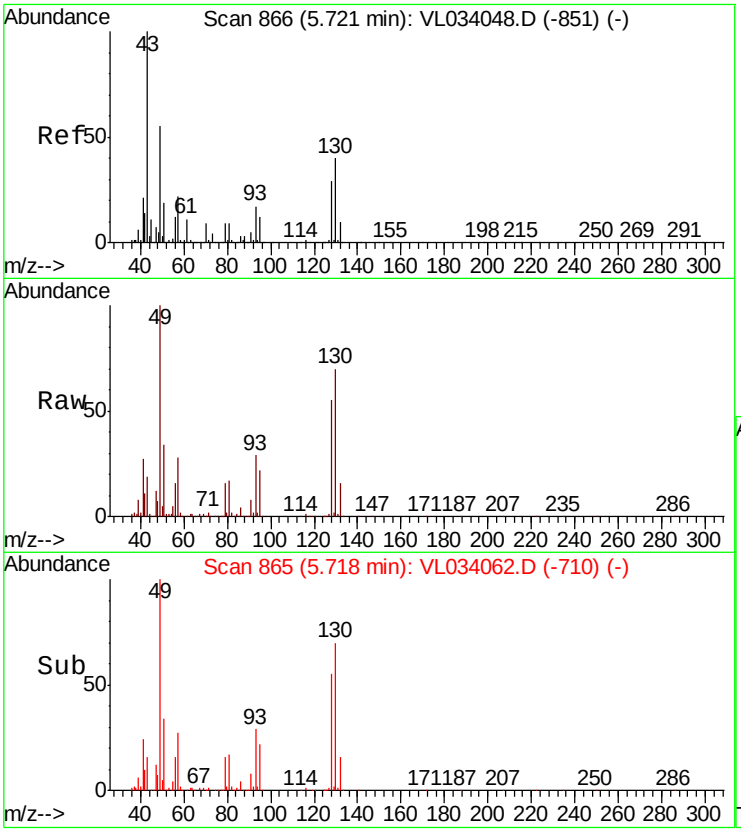
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL073019\
Data File : VL034062.D
Acq On : 30 Jul 2019 12:47
Operator : SY/AP
Sample : K4033-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Jul 31 02:11:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL073019AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Jul 30 06:55:18 2019
QLast Update : Tue Jul 30 06:55:18 2019
Response via : Initial Calibration



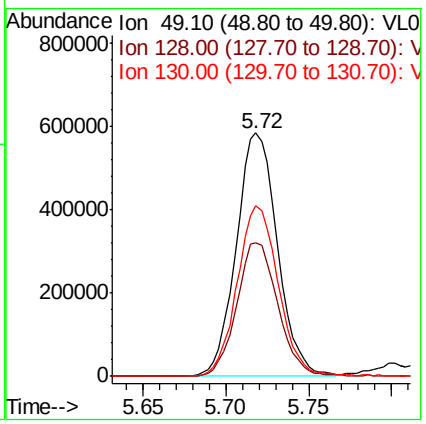


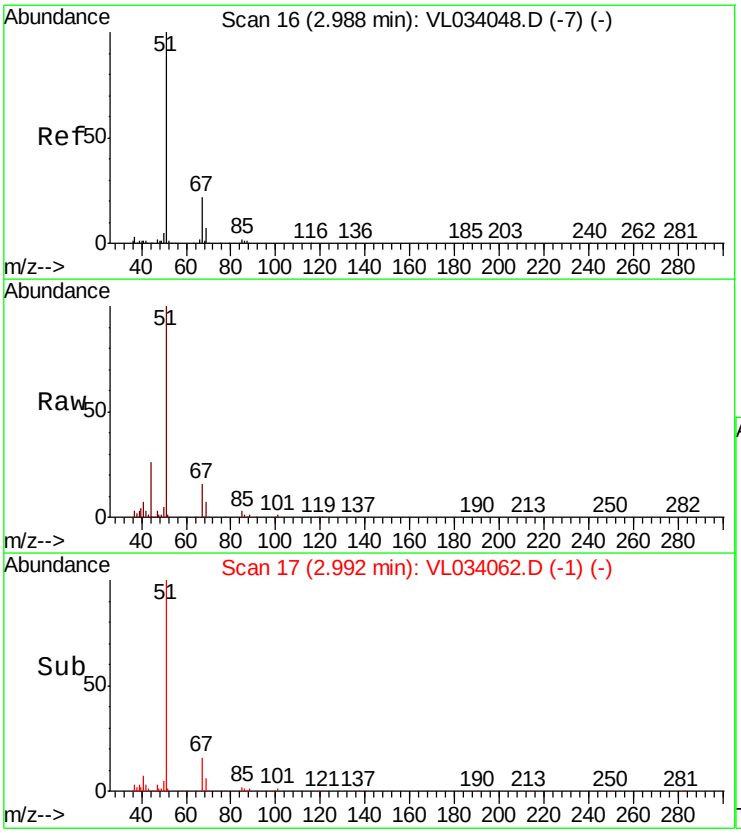
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.72 min Scan# 865
Delta R.T. -0.00 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1013730

Ion	Ratio	Lower	Upper
49	100		
128	55.2	27.0	81.0
130	70.3	35.0	105.0

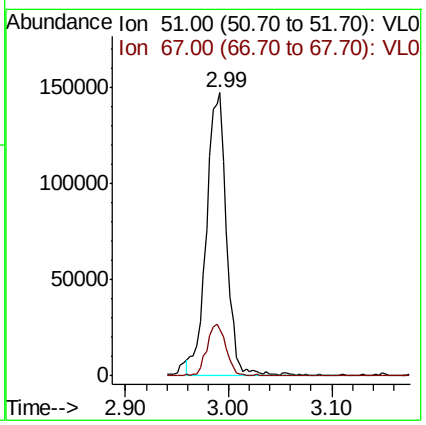


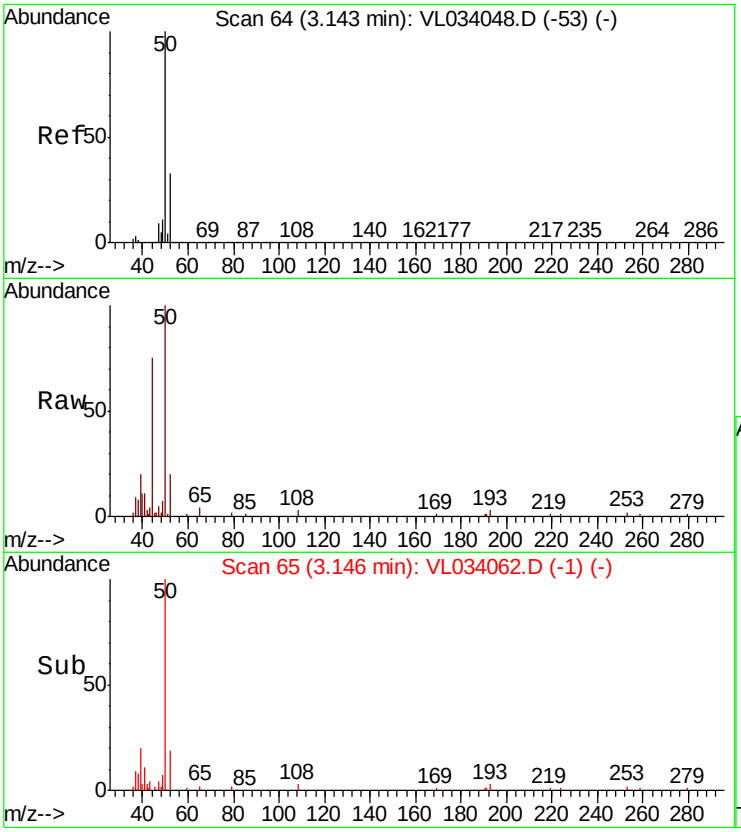


#3
Chlorodifluoromethane
Concen: 1.704 ppbv
RT: 2.99 min Scan# 17
Delta R.T. 0.00 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Tgt Ion: 51 Resp: 199418

Ion	Ratio	Lower	Upper
51	100		
67	17.2	17.4	26.0#



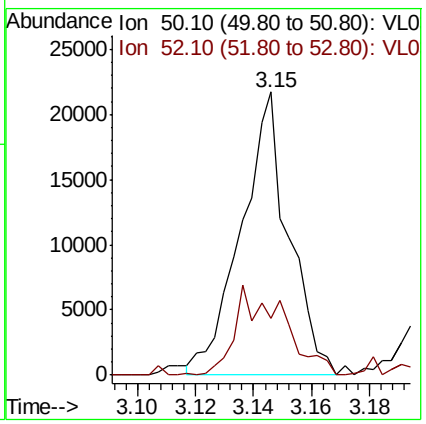


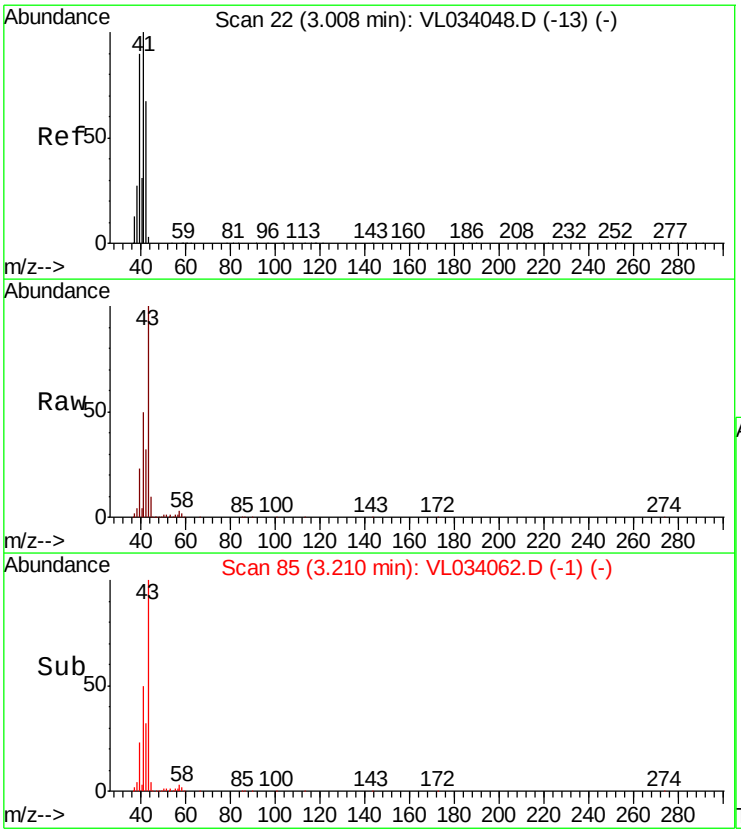
#4
Chloromethane
Concen: 0.360 ppbv
RT: 3.15 min Scan# 65
Delta R.T. 0.00 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 50 Resp: 24706

Ion	Ratio	Lower	Upper
50	100		
52	20.2	26.7	40.1#

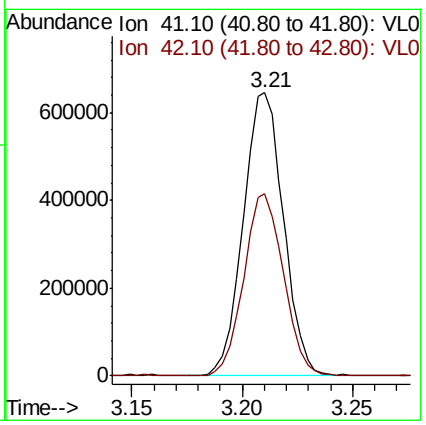


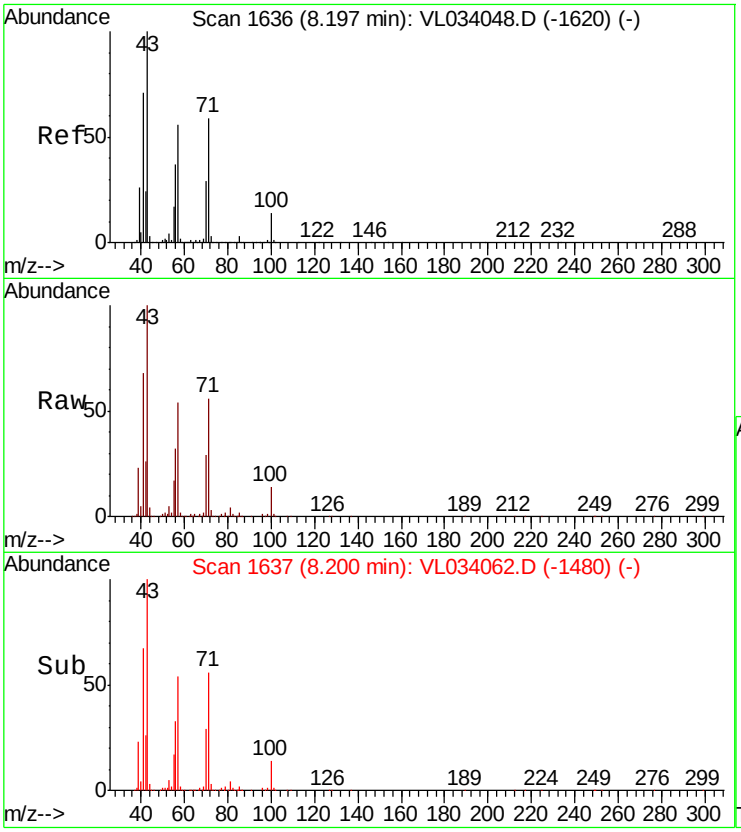


#9
Propene
Concen: 19.508 ppbv
RT: 3.21 min Scan# 85
Delta R.T. 0.20 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Tgt Ion: 41 Resp: 819538

Ion	Ratio	Lower	Upper
41	100		
42	63.7	55.4	83.2



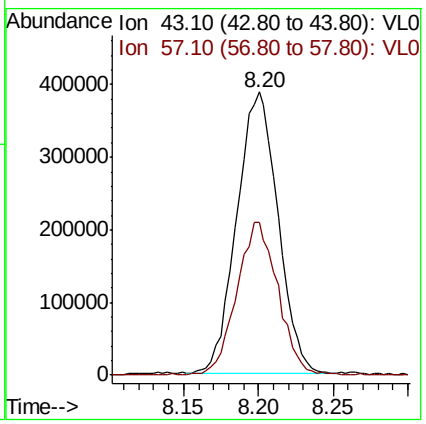


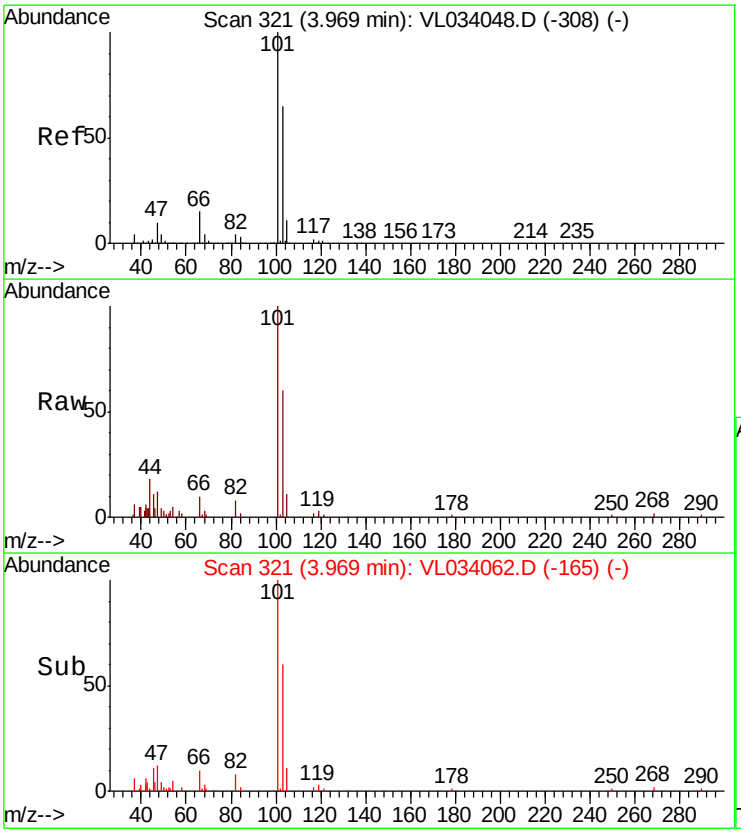
#10
Heptane
Concen: 6.505 ppbv
RT: 8.20 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 745307

Ion	Ratio	Lower	Upper
43	100		
57	54.5	44.8	67.2

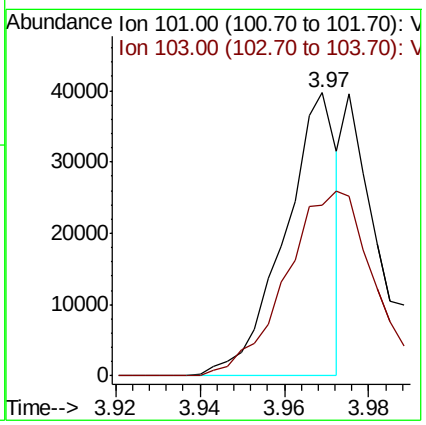


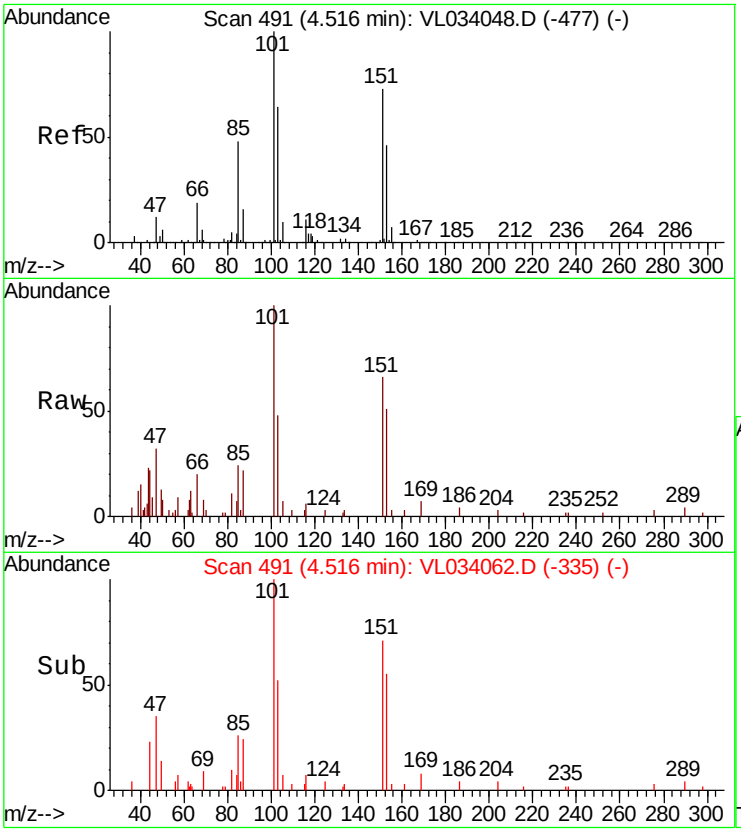


#11
Trichlorofluoromethane
Concen: 0.158 ppbv
RT: 3.97 min Scan# 321
Delta R.T. 0.00 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Tgt Ion:101 Resp: 34266

Ion	Ratio	Lower	Upper
101	100		
103	60.4	52.3	78.5



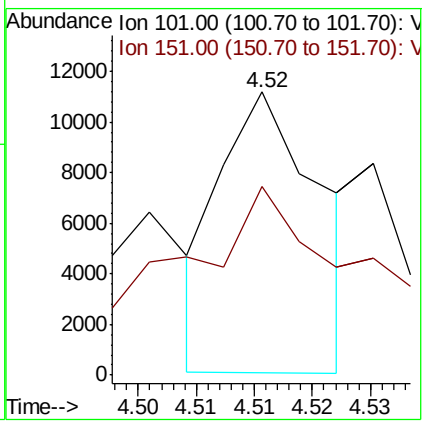


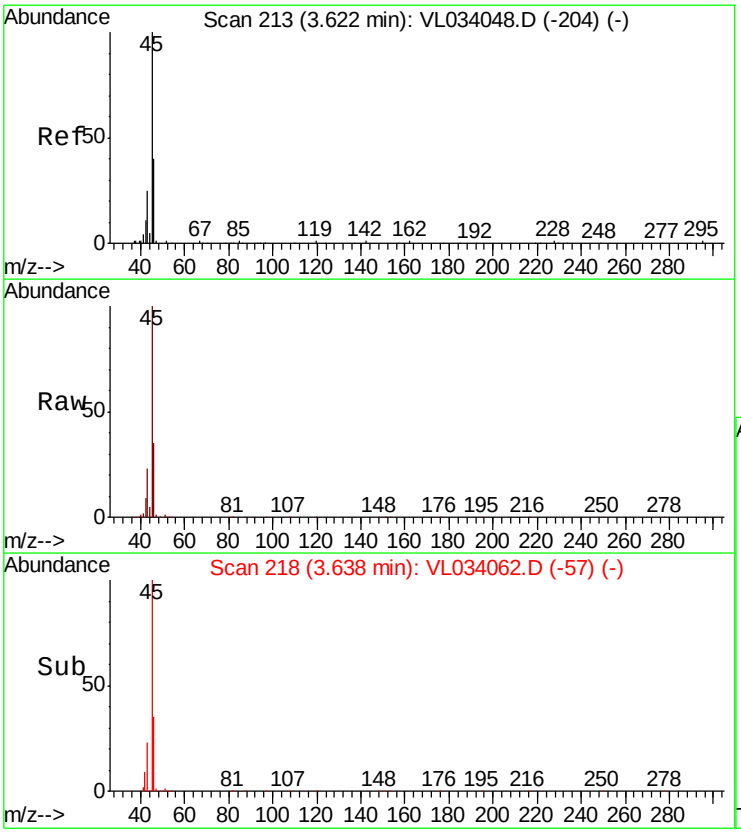
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.045 ppbv
RT: 4.52 min Scan# 491
Delta R.T. 0.00 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 6592

Ion	Ratio	Lower	Upper
101	100		
151	153.7	57.3	85.9#

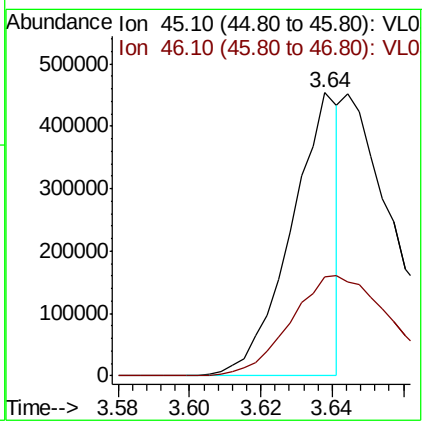


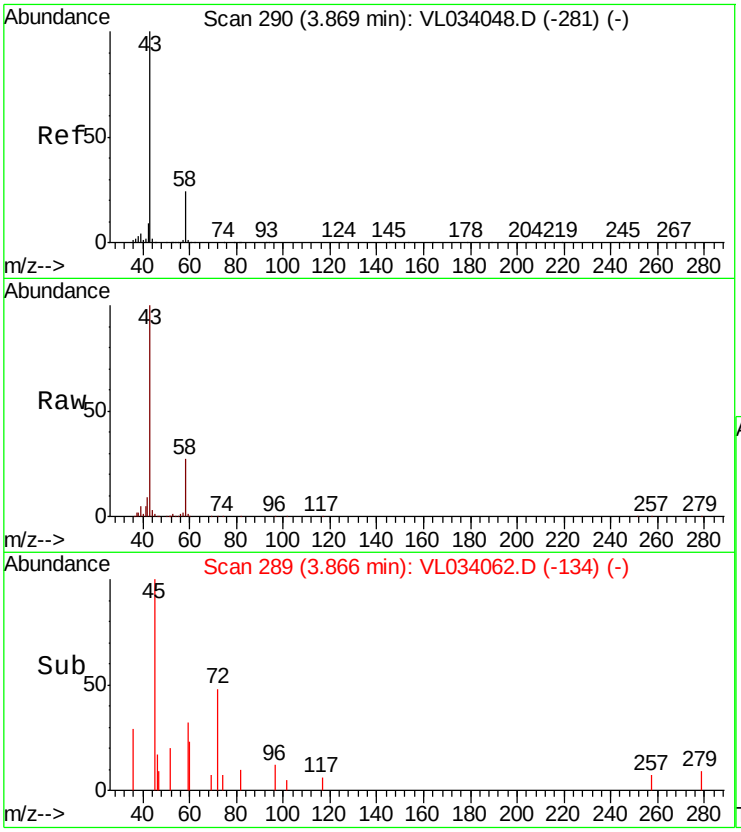


#13
Ethanol
Concen: 25.113 ppbv
RT: 3.64 min Scan# 218
Delta R.T. 0.02 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Tgt Ion: 45 Resp: 419894

Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.6	62.2#



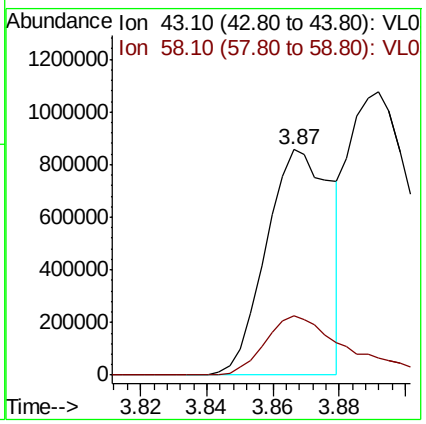


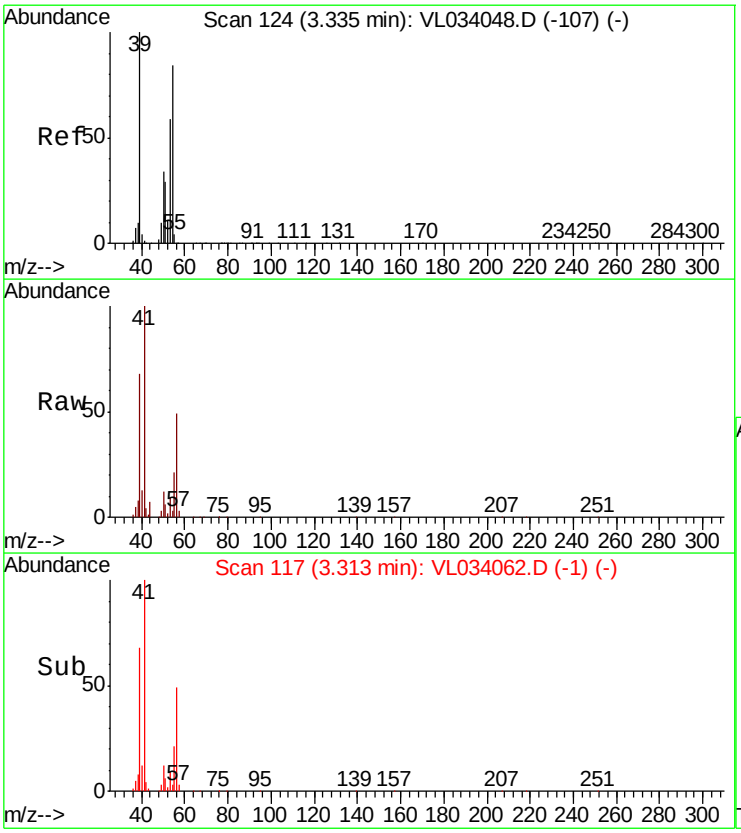
#15
Acetone
Concen: 7.598 ppbv
RT: 3.87 min Scan# 289
Delta R.T. -0.00 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 1170998

Ion	Ratio	Lower	Upper
43	100		
58	33.5	21.6	32.4#

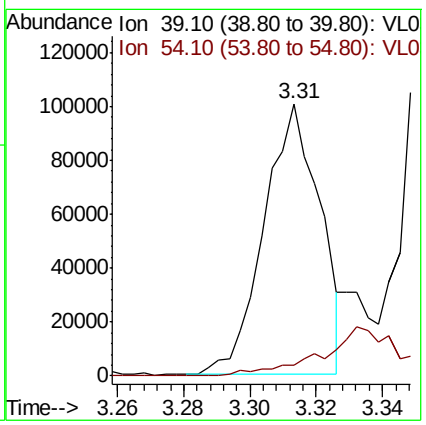


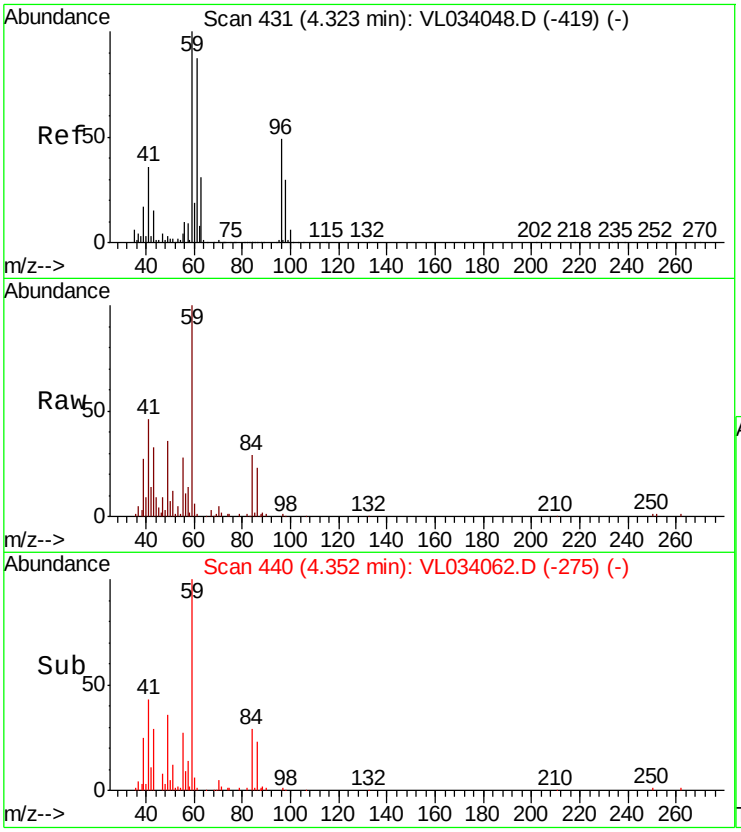


#16
1,3-Butadiene
Concen: 1.975 ppbv
RT: 3.31 min Scan# 117
Delta R.T. -0.02 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Tgt Ion: 39 Resp: 118198

Ion	Ratio	Lower	Upper
39	100		
54	31.6	68.9	103.3#



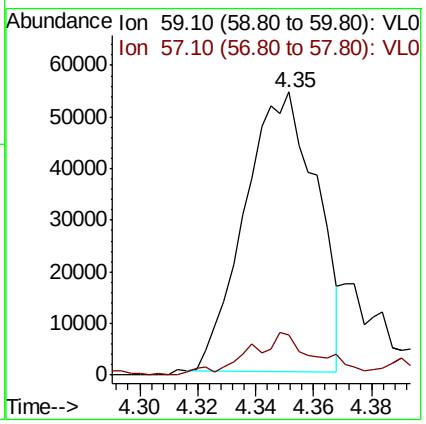


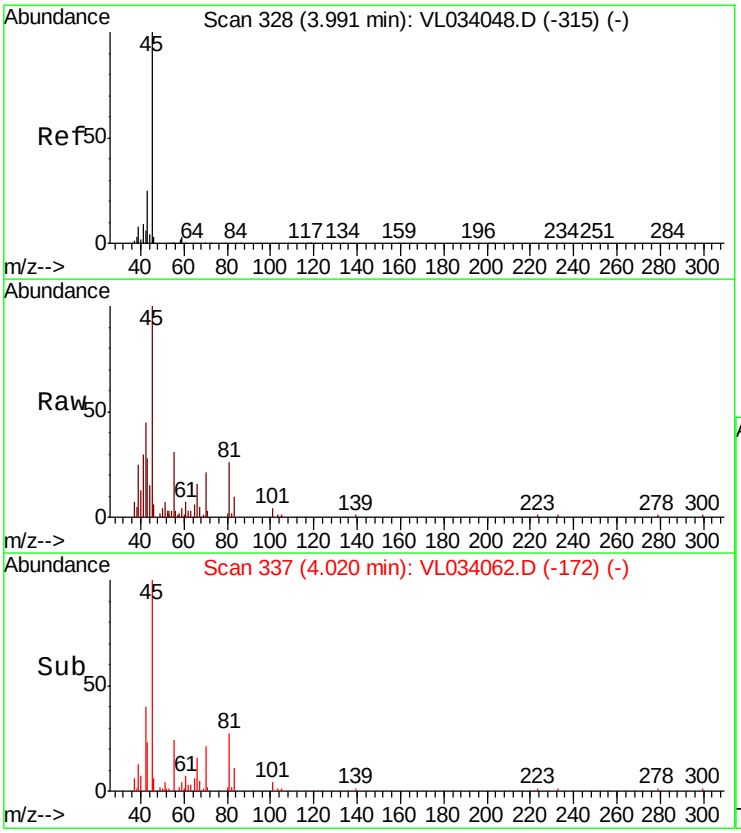
#17
tert-Butyl alcohol
Concen: 0.736 ppbv
RT: 4.35 min Scan# 440
Delta R.T. 0.03 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 59 Resp: 93250

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#

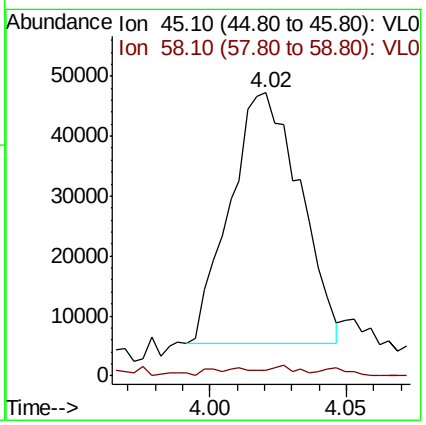


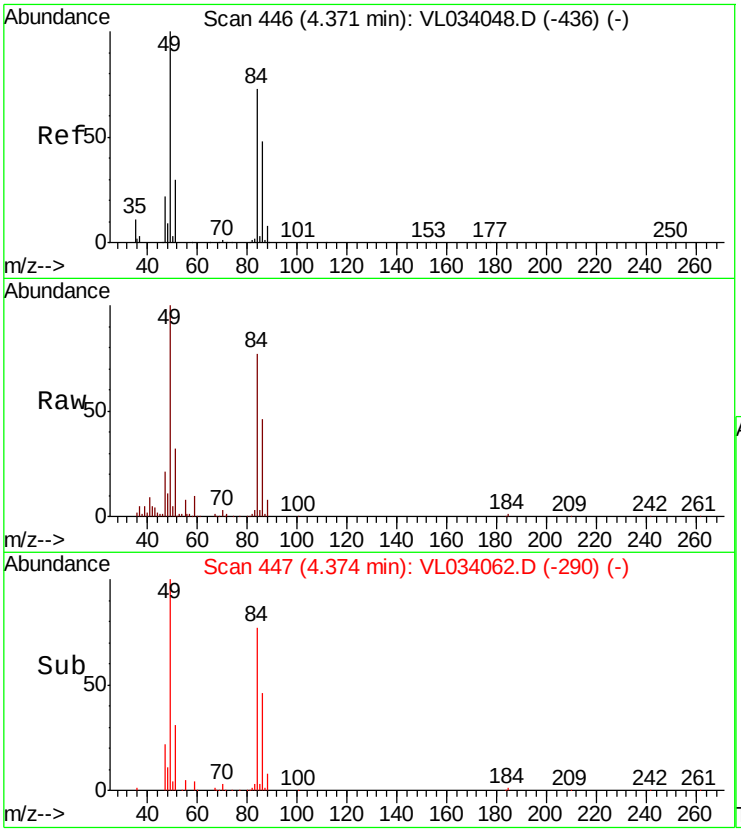


#19
Isopropyl Alcohol
Concen: 0.707 ppbv
RT: 4.02 min Scan# 337
Delta R.T. 0.03 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Tgt Ion: 45 Resp: 74428

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.8	2.6#



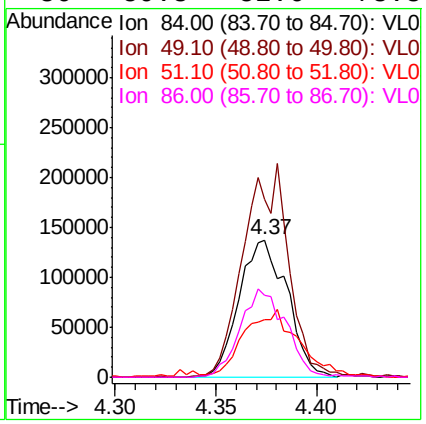


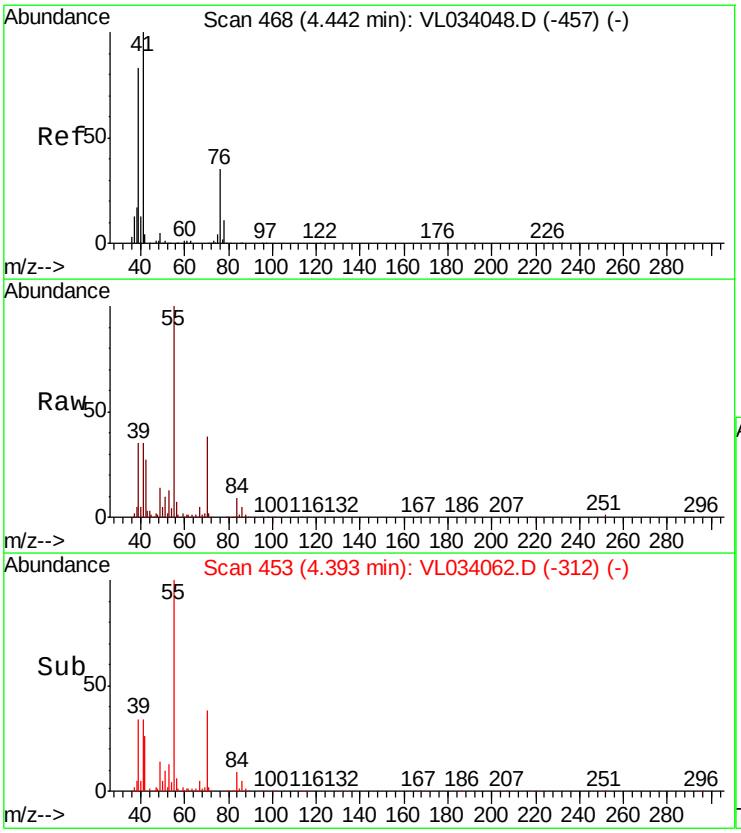
#20
Methylene Chloride
Concen: 3.897 ppbv
RT: 4.37 min Scan# 447
Delta R.T. 0.00 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 229732

Ion	Ratio	Lower	Upper
84	100		
49	128.8	109.6	164.4
51	39.4	33.4	50.2
86	59.8	52.6	78.8

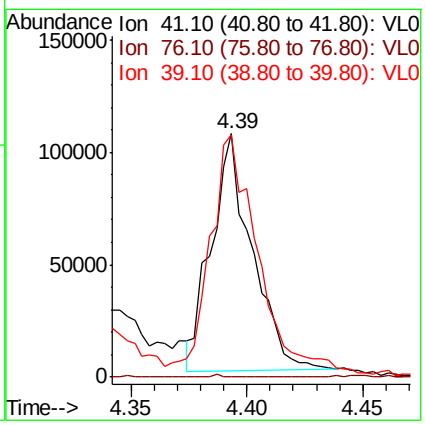


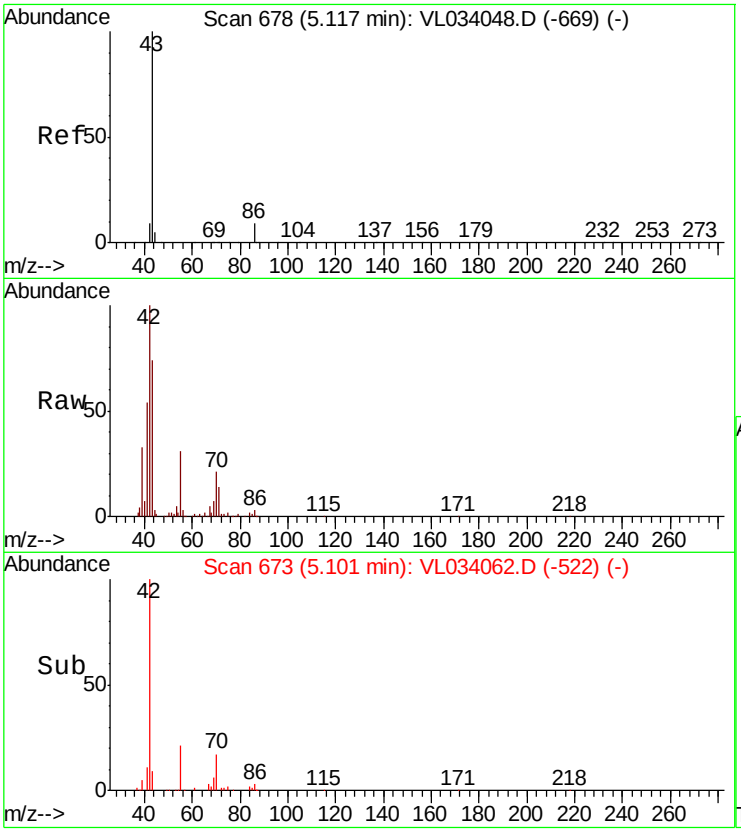


#21
Allyl Chloride
Concen: 1.316 ppbv
RT: 4.39 min Scan# 453
Delta R.T. -0.05 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Tgt Ion: 41 Resp: 128013

Ion	Ratio	Lower	Upper
41	100		
76	0.0	26.1	39.1#
39	126.4	65.0	97.6#



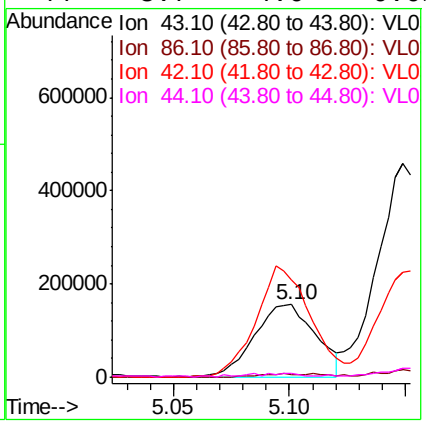


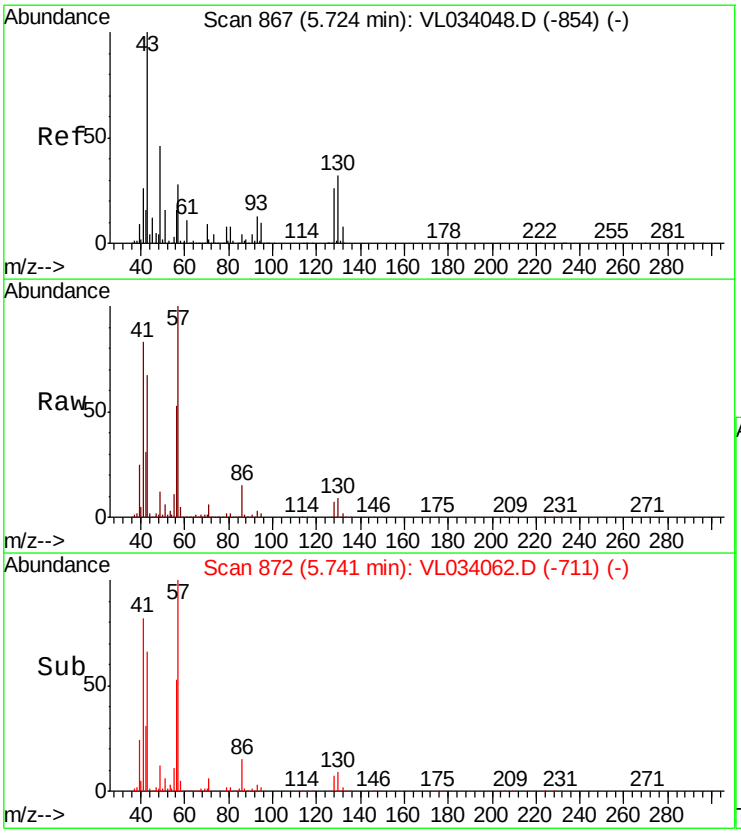
#23
Vinyl Acetate
Concen: 1.727 ppbv
RT: 5.10 min Scan# 673
Delta R.T. -0.02 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 285076

Ion	Ratio	Lower	Upper
43	100		
86	4.5	6.5	9.7#
42	134.5	8.3	12.5#
44	3.7	4.0	6.0#

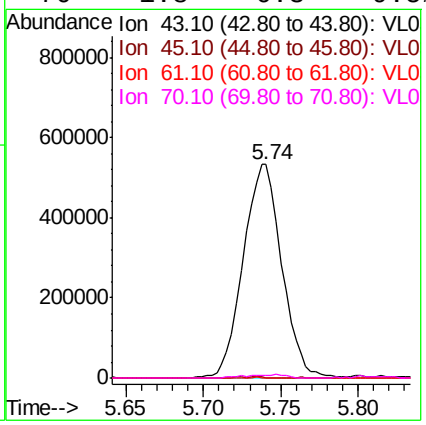


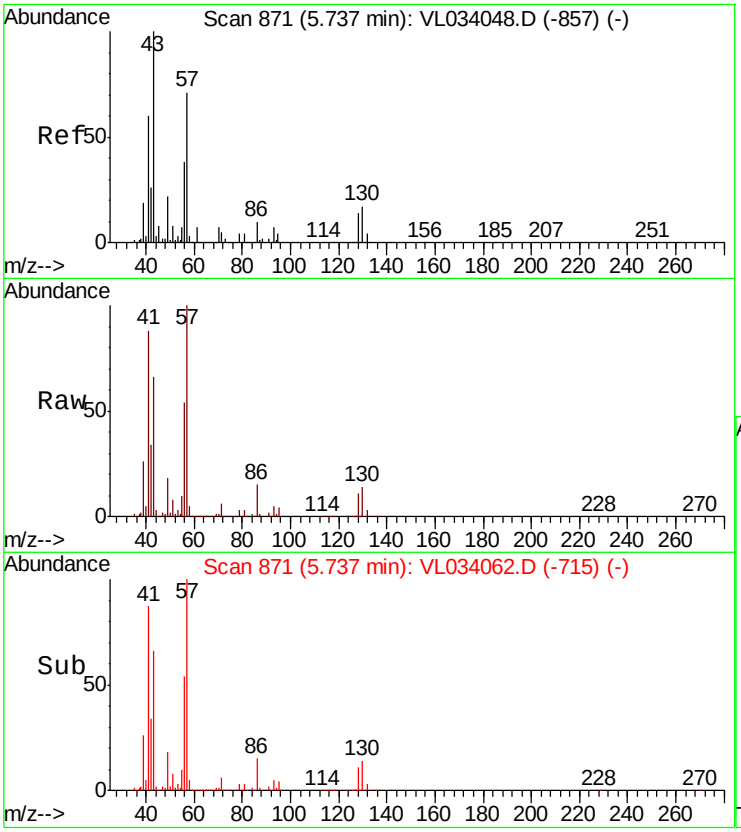


#25
Ethyl Acetate
Concen: 4.028 ppbv
RT: 5.74 min Scan# 872
Delta R.T. 0.02 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Tgt Ion: 43 Resp: 922974

Ion	Ratio	Lower	Upper
43	100		
45	0.5	8.1	12.1#
61	0.3	8.1	12.1#
70	1.8	6.3	9.5#



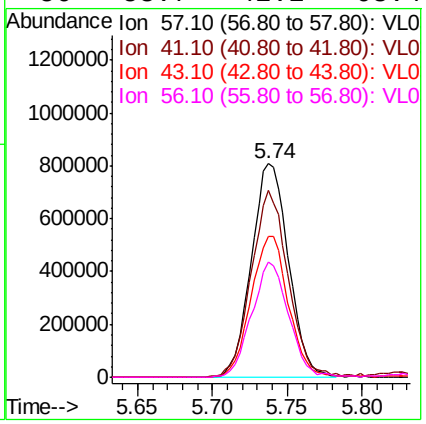


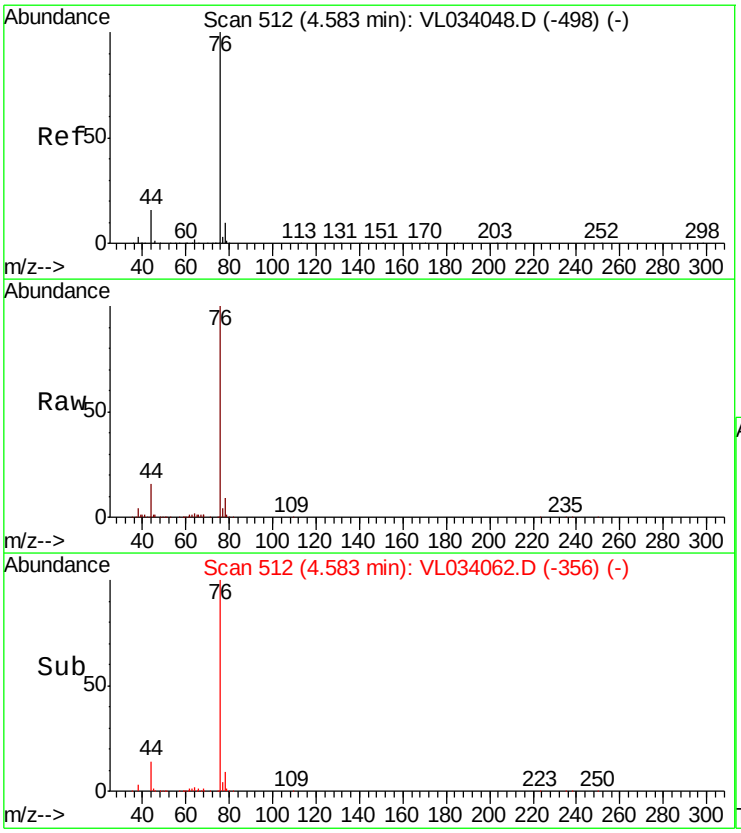
#26
Hexane
Concen: 13.461 ppbv
RT: 5.74 min Scan# 871
Delta R.T. 0.00 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 1394974

Ion	Ratio	Lower	Upper
57	100		
41	87.3	69.0	103.6
43	66.3	176.6	264.8#
56	53.7	42.2	63.4

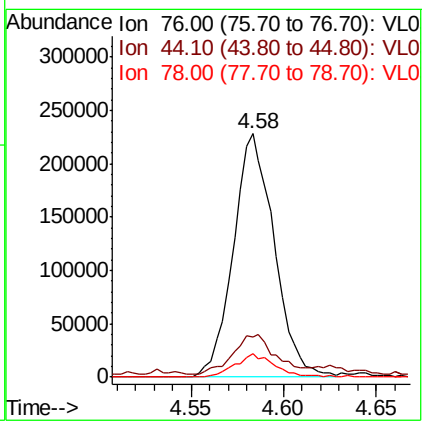


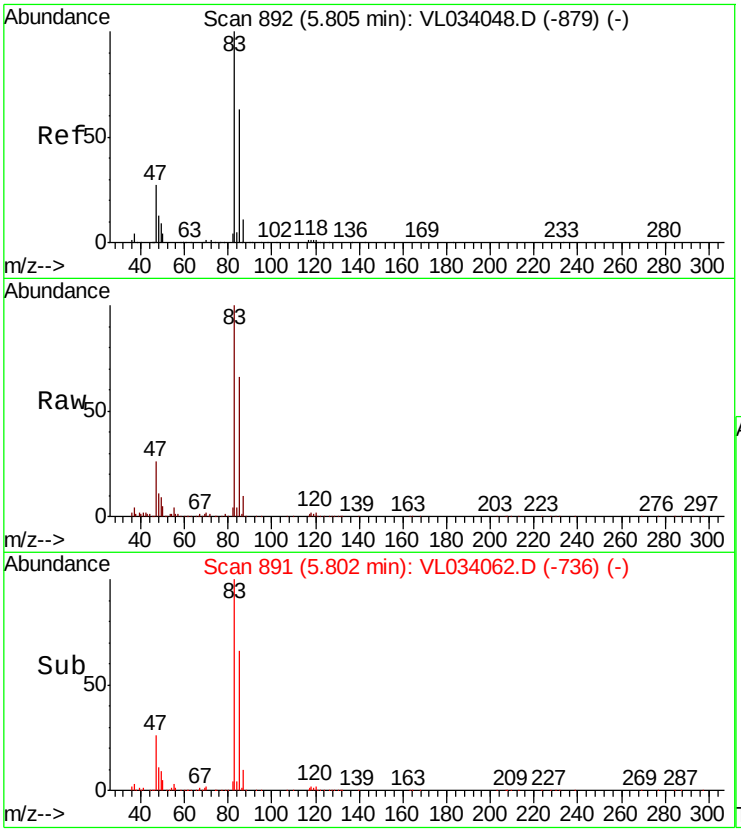


#27
Carbon Disulfide
Concen: 2.147 ppbv
RT: 4.58 min Scan# 512
Delta R.T. 0.00 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Tgt Ion: 76 Resp: 346555

Ion	Ratio	Lower	Upper
76	100		
44	21.5	13.0	19.4#
78	9.7	7.7	11.5



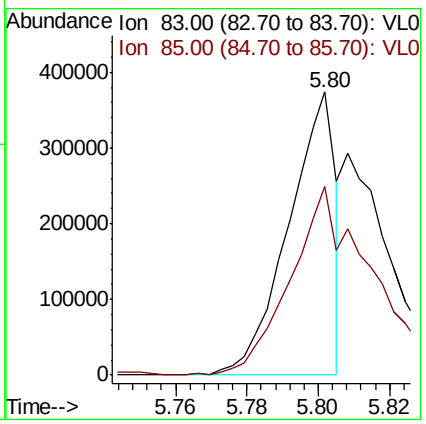


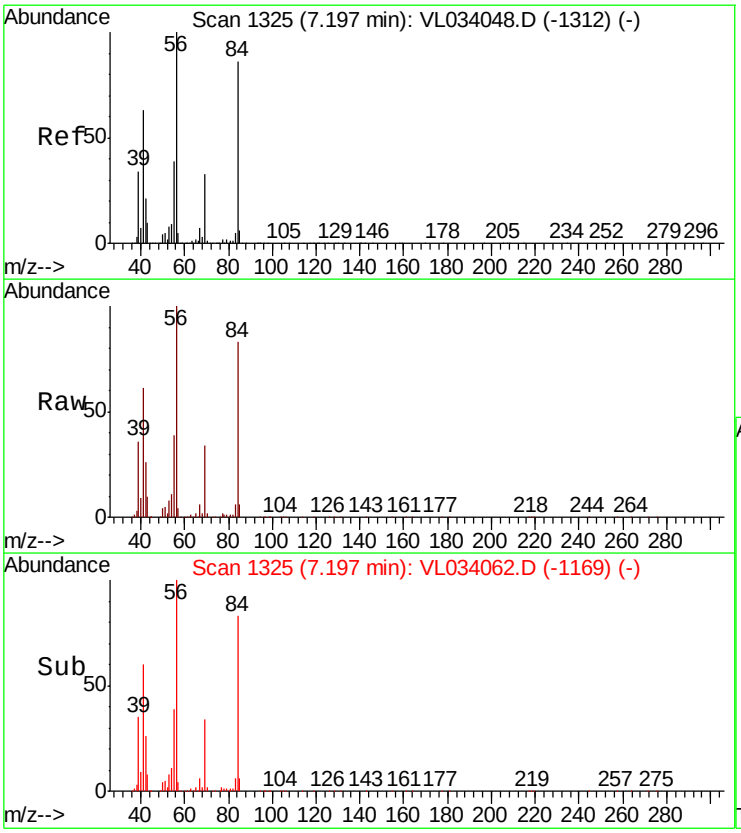
#29
Chloroform
Concen: 1.804 ppbv
RT: 5.80 min Scan# 891
Delta R.T. -0.00 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 341512

Ion	Ratio	Lower	Upper
83	100		
85	66.2	50.2	75.4

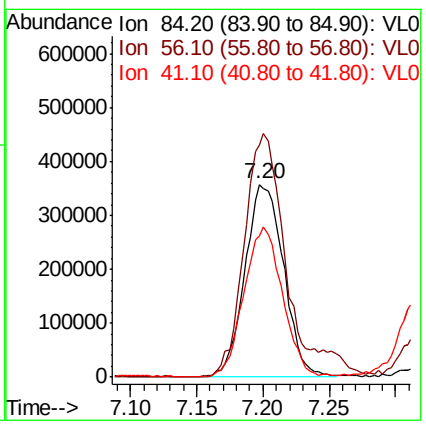


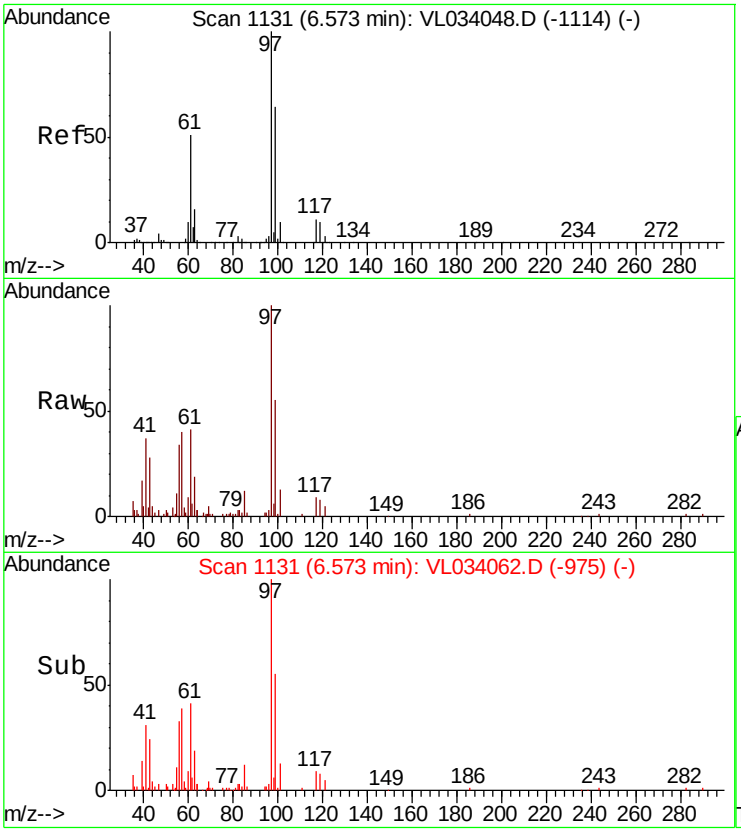


#30
Cyclohexane
Concen: 6.903 ppbv
RT: 7.20 min Scan# 1325
Delta R.T. 0.00 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Tgt Ion: 84 Resp: 726816

Ion	Ratio	Lower	Upper
84	100		
56	138.5	101.7	152.5
41	77.0	59.4	89.0



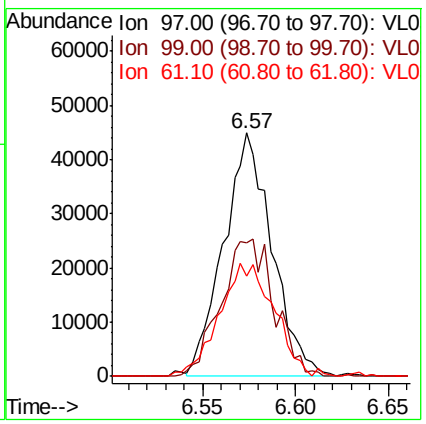


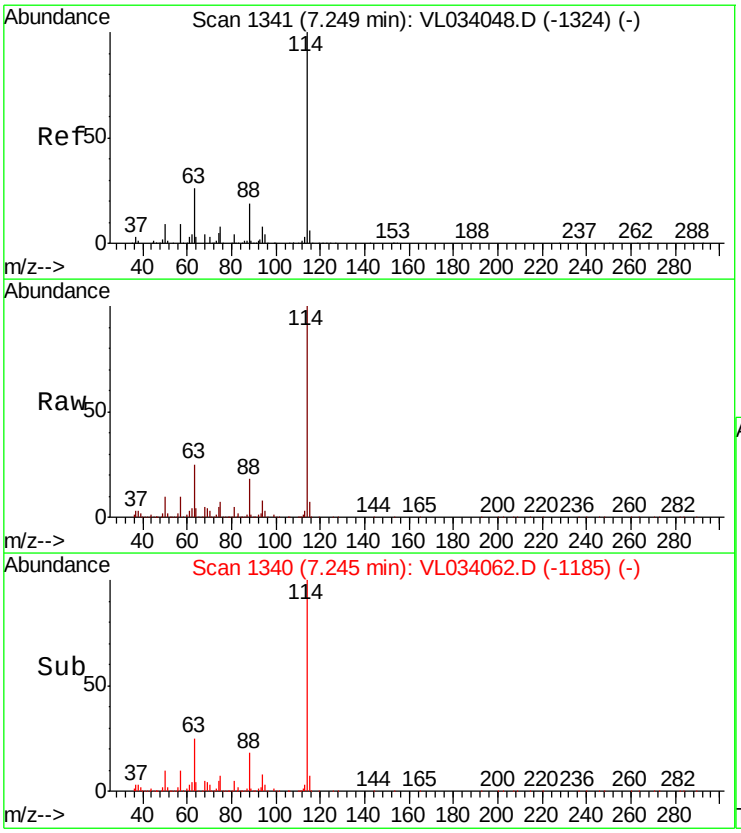
#32
1,1,1-Trichloroethane
Concen: 0.410 ppbv
RT: 6.57 min Scan# 1131
Delta R.T. 0.00 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 97 Resp: 81356

Ion	Ratio	Lower	Upper
97	100		
99	62.1	51.0	76.6
61	53.4	39.5	59.3

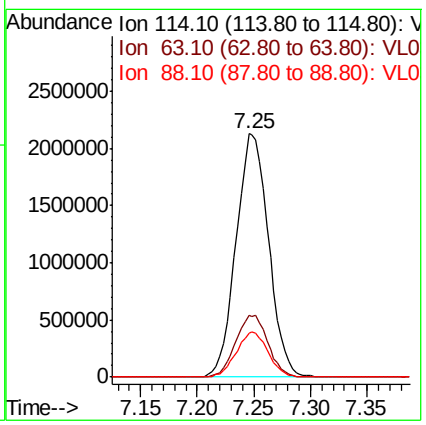


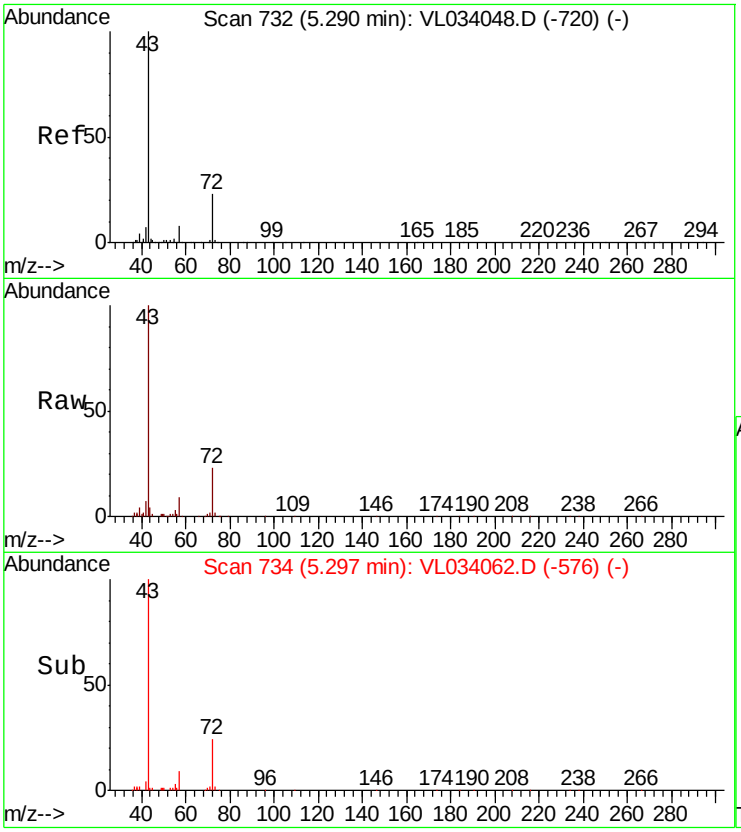


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.25 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Tgt Ion:114 Resp: 4263390

Ion	Ratio	Lower	Upper
114	100		
63	25.6	21.0	31.6
88	18.2	14.7	22.1



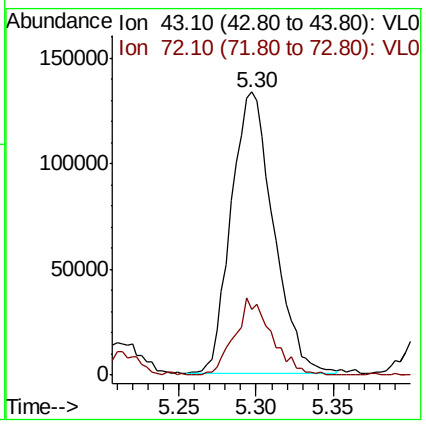


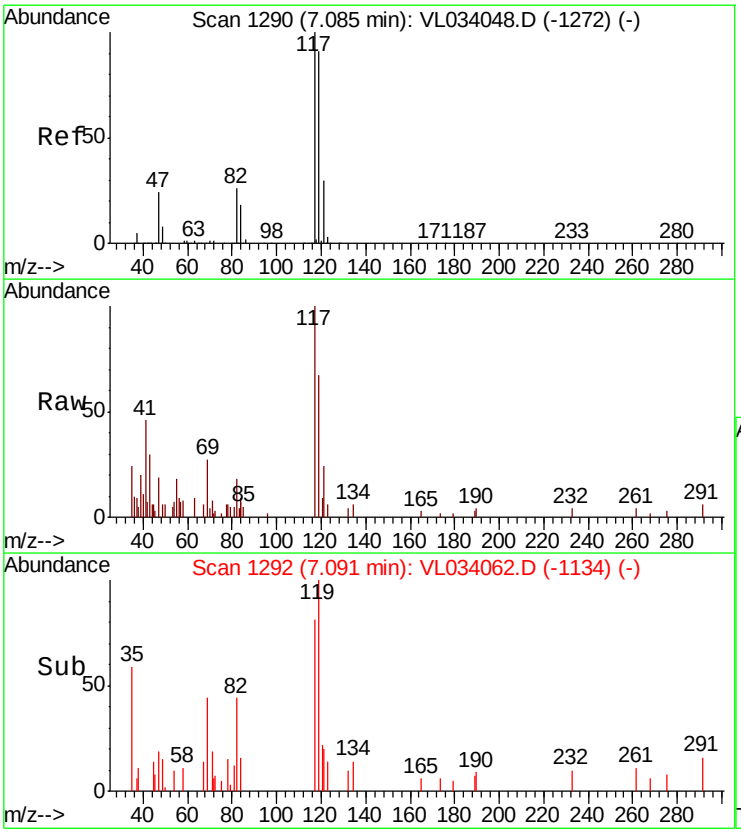
#34
2-Butanone
Concen: 1.444 ppbv
RT: 5.30 min Scan# 734
Delta R.T. 0.01 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 253430

Ion	Ratio	Lower	Upper
43	100		
72	24.0	20.2	30.4

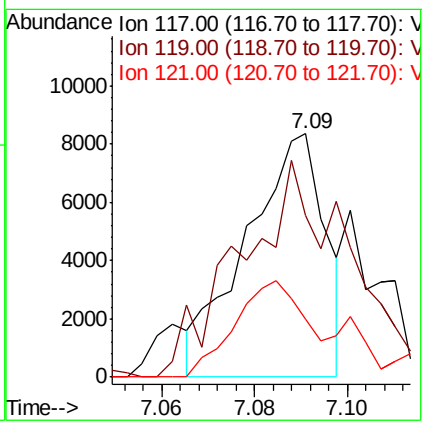


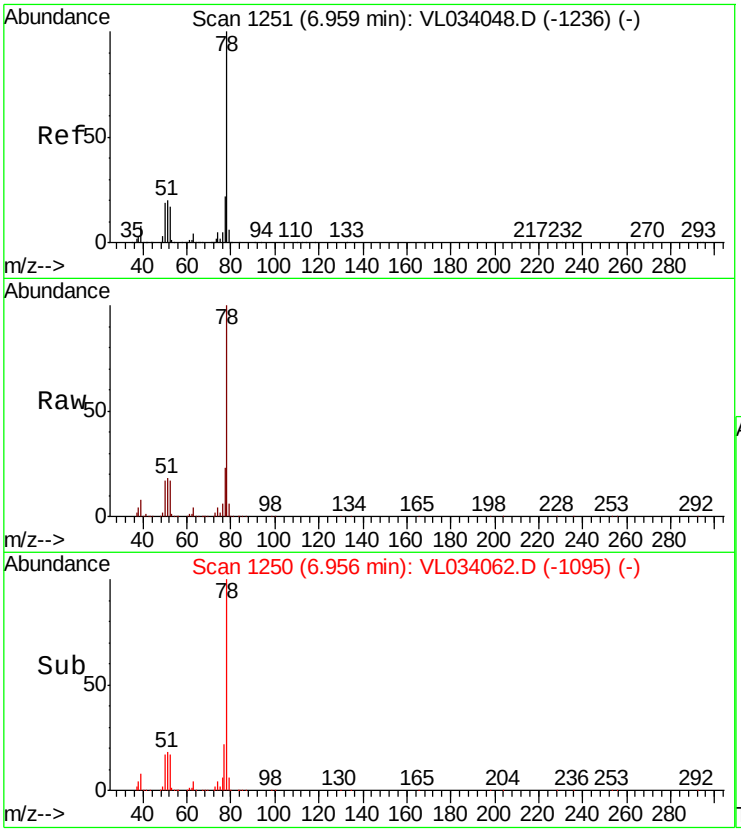


#35
Carbon Tetrachloride
Concen: 0.033 ppbv
RT: 7.09 min Scan# 1292
Delta R.T. 0.01 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Tgt Ion:117 Resp: 9893

Ion	Ratio	Lower	Upper
117	100		
119	45.8	73.2	109.8#
121	29.6	24.0	36.0



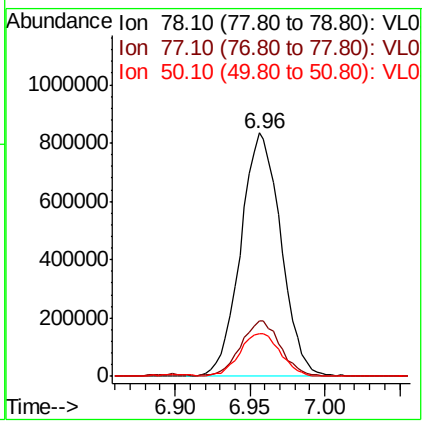


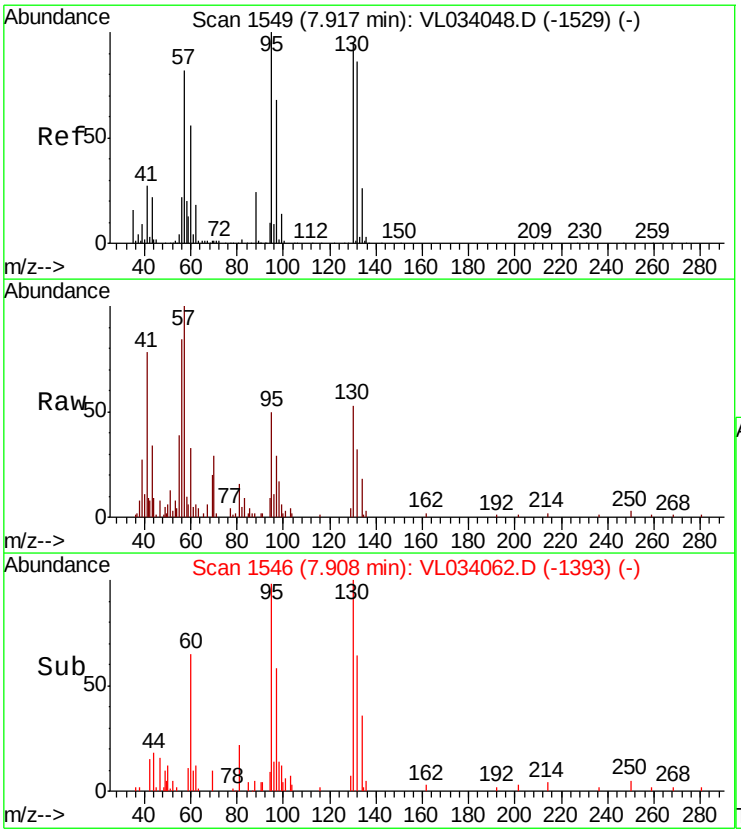
#36
Benzene
Concen: 5.484 ppbv
RT: 6.96 min Scan# 1250
Delta R.T. -0.00 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 78 Resp: 1556294

Ion	Ratio	Lower	Upper
78	100		
77	22.5	17.9	26.9
50	17.2	14.9	22.3

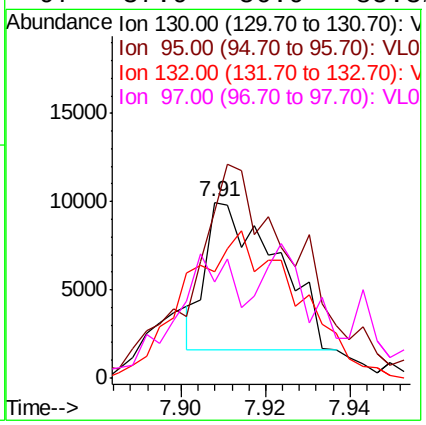


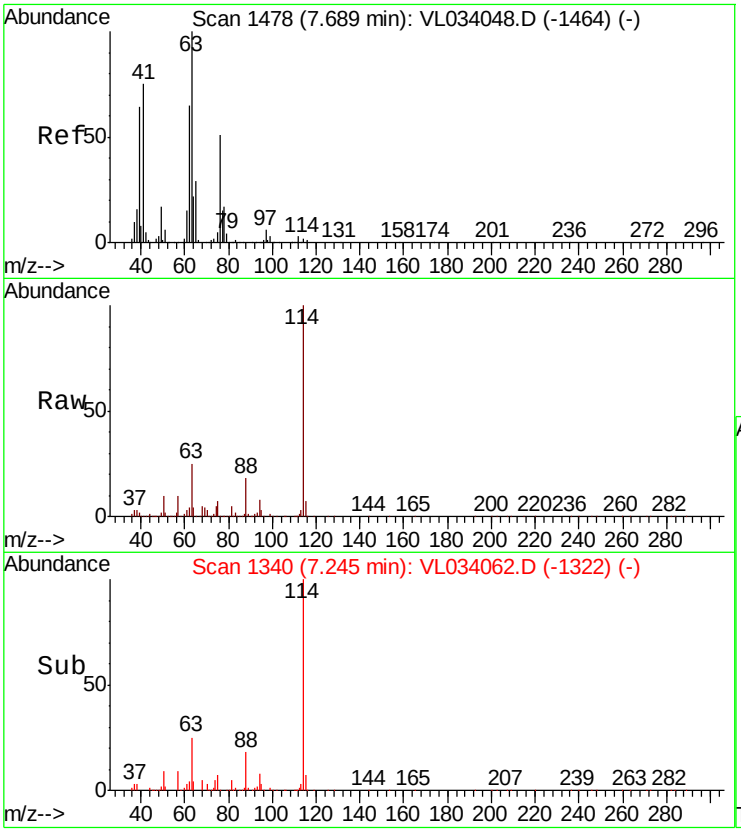


#38
Trichloroethene
Concen: 0.082 ppbv
RT: 7.91 min Scan# 1546
Delta R.T. -0.01 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Tgt Ion:130 Resp: 9735

Ion	Ratio	Lower	Upper
130	100		
95	76.8	84.1	126.1#
132	41.7	72.7	109.1#
97	37.9	56.9	85.3#



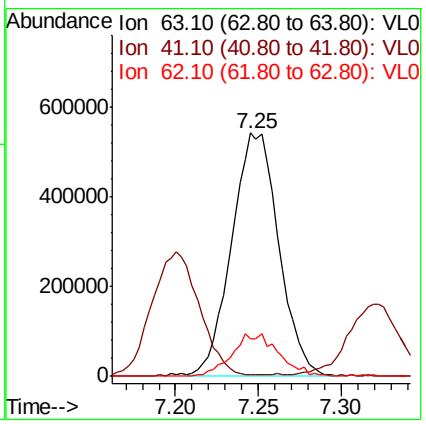


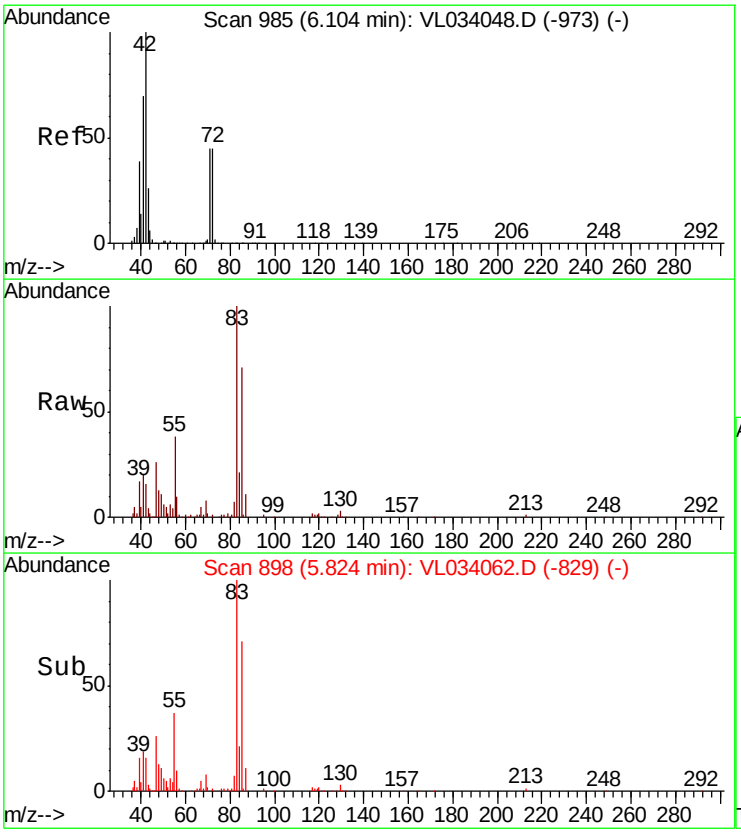
#39
1,2-Dichloropropane
Concen: 9.265 ppbv
RT: 7.25 min Scan# 1340
Delta R.T. -0.44 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 1067037

Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.8	89.8#
62	15.1	52.2	78.2#

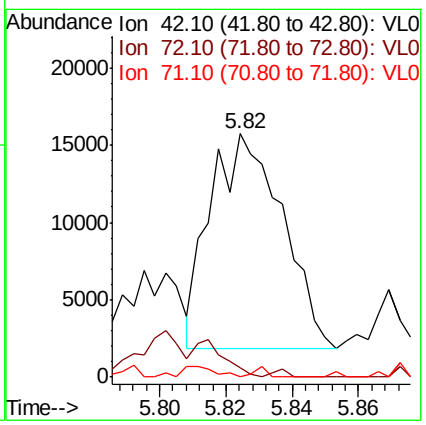


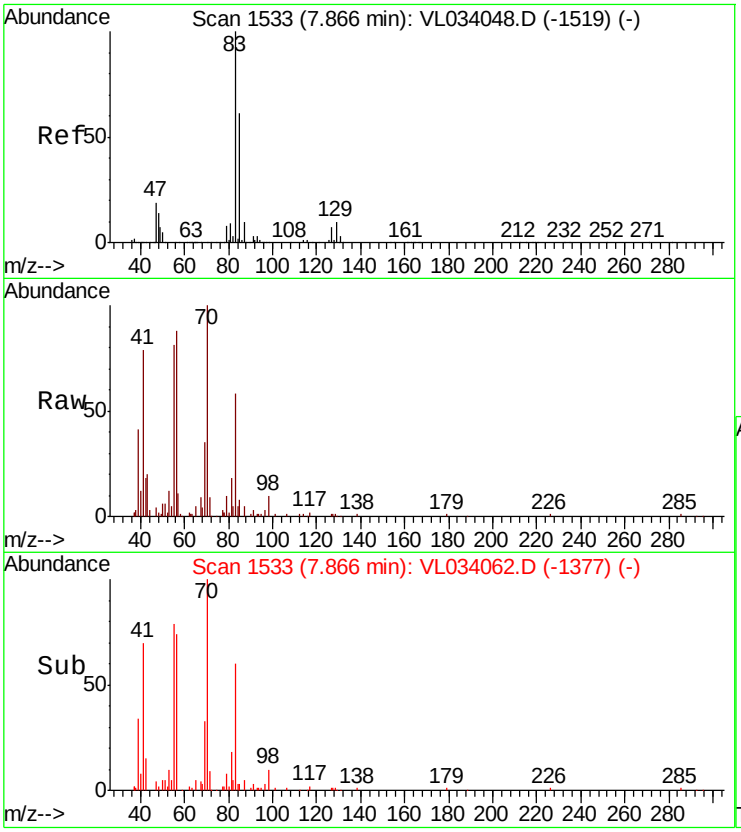


#41
Tetrahydrofuran
Concen: 0.236 ppbv
RT: 5.82 min Scan# 898
Delta R.T. -0.28 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Tgt Ion: 42 Resp: 21002

Ion	Ratio	Lower	Upper
42	100		
72	21.7	36.9	55.3#
71	0.0	36.6	54.8#



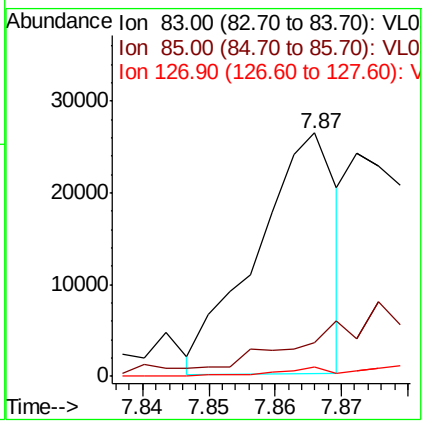


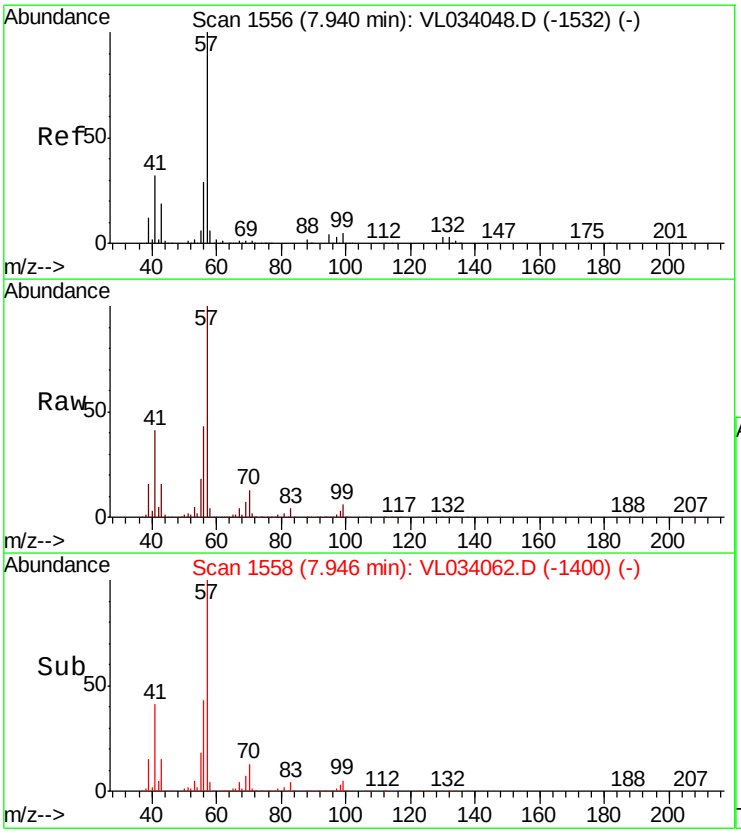
#42
Bromodichloromethane
Concen: 0.082 ppbv
RT: 7.87 min Scan# 1533
Delta R.T. 0.00 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 22085

Ion	Ratio	Lower	Upper
83	100		
85	11.0	48.6	73.0#
127	4.1	5.5	8.3#

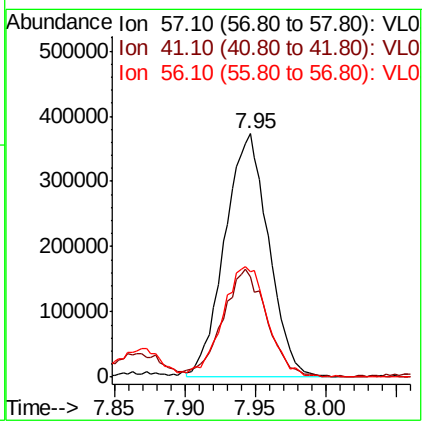


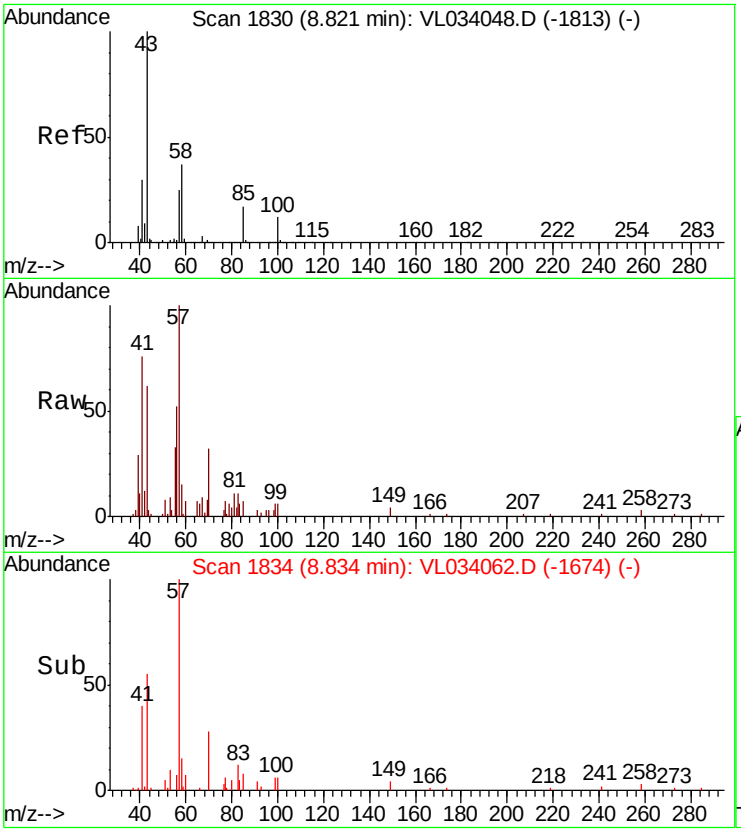


#44
2,2,4-Trimethylpentane
Concen: 1.720 ppbv
RT: 7.95 min Scan# 1558
Delta R.T. 0.01 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Tgt Ion: 57 Resp: 810648

Ion	Ratio	Lower	Upper
57	100		
41	44.5	26.2	39.2#
56	46.3	24.2	36.2#



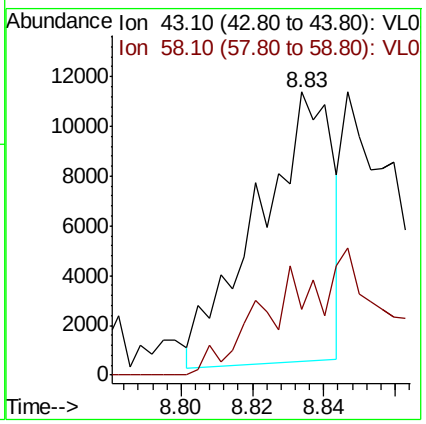


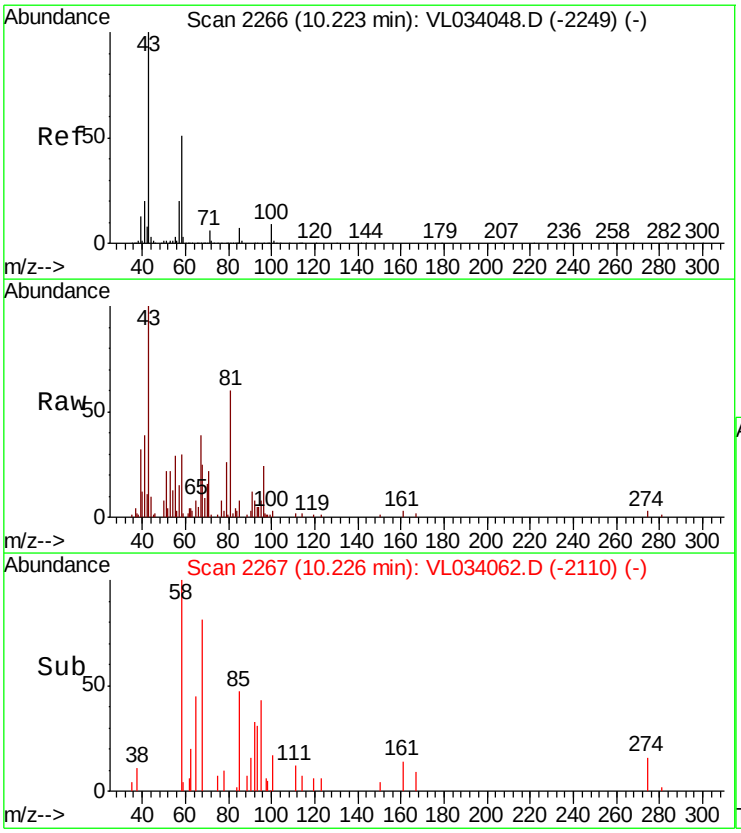
#50
4-Methyl-2-Pentanone
Concen: 0.060 ppbv
RT: 8.83 min Scan# 1834
Delta R.T. 0.01 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 15701

Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.7	46.1#

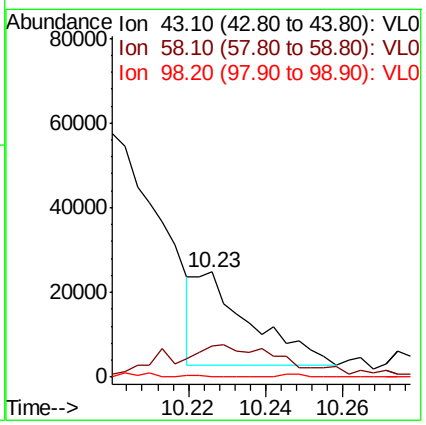


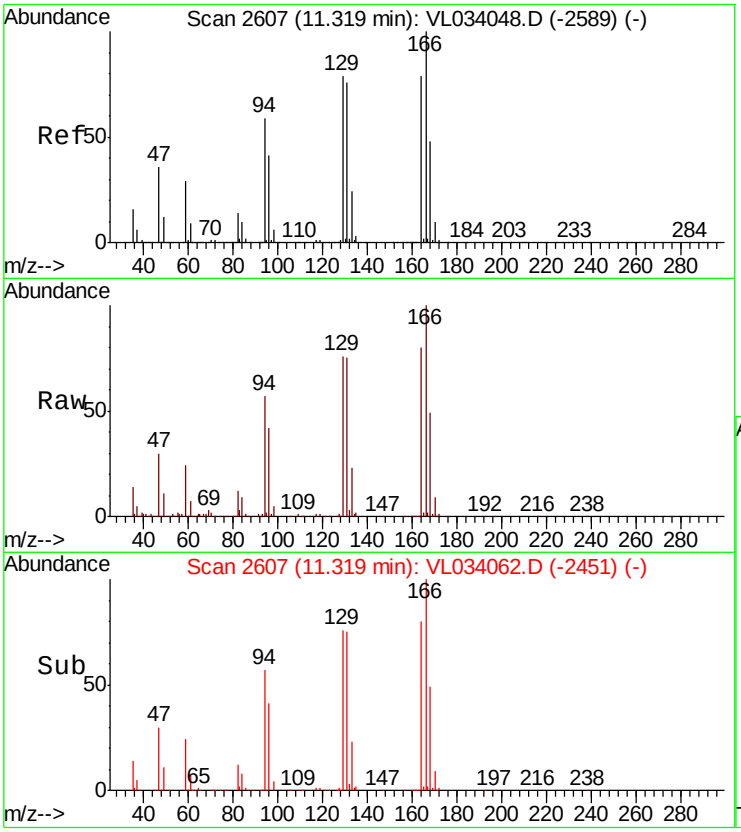


#51
2-Hexanone
Concen: 0.101 ppbv
RT: 10.23 min Scan# 2267
Delta R.T. 0.00 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Tgt Ion: 43 Resp: 21854

Ion	Ratio	Lower	Upper
43	100		
58	73.9	40.2	60.2#
98	0.0	0.4	0.6#



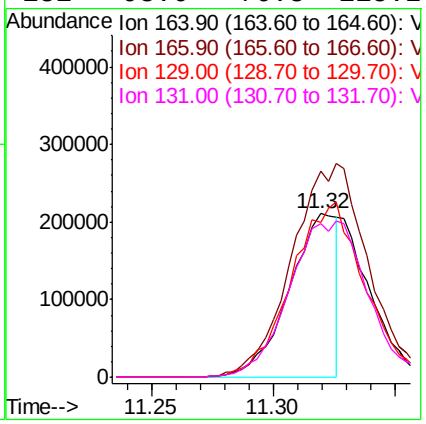


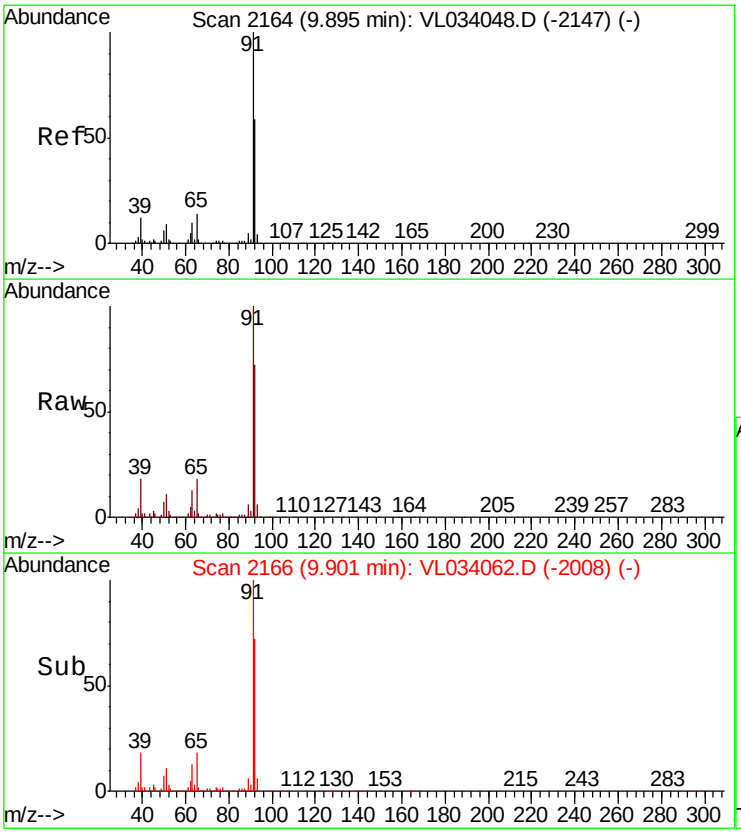
#52
Tetrachloroethene
Concen: 2.571 ppbv
RT: 11.32 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:164 Resp: 286094

Ion	Ratio	Lower	Upper
164	100		
166	125.7	101.6	152.4
129	94.9	80.7	121.1
131	93.6	76.8	115.2

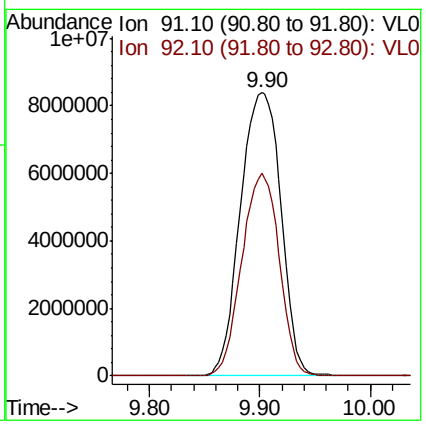


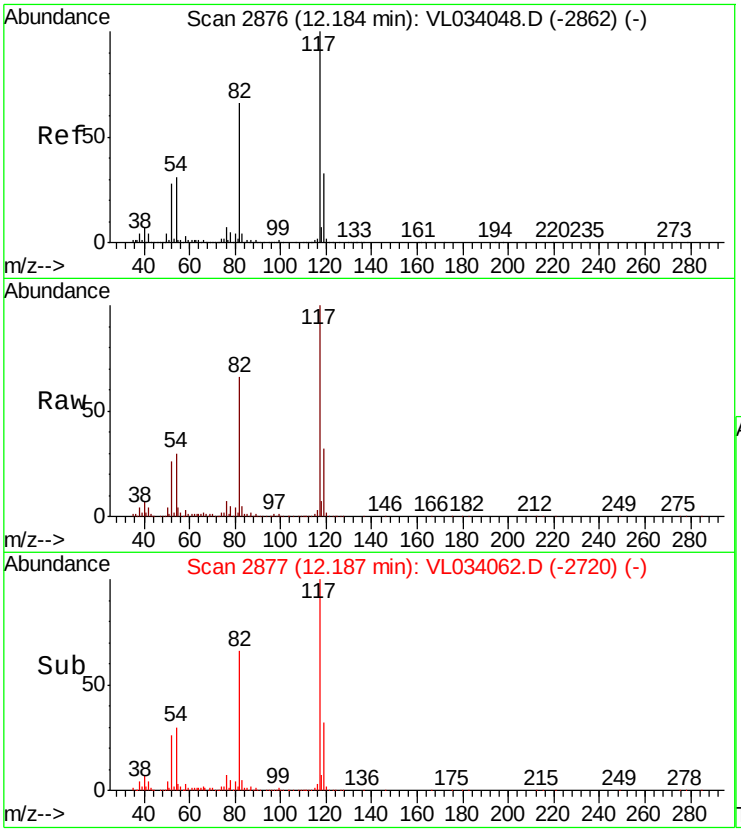


#53
Toluene
Concen: 72.265 ppbv
RT: 9.90 min Scan# 2166
Delta R.T. 0.01 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Tgt Ion: 91 Resp:21399297

Ion	Ratio	Lower	Upper
91	100		
92	66.2	47.4	71.2



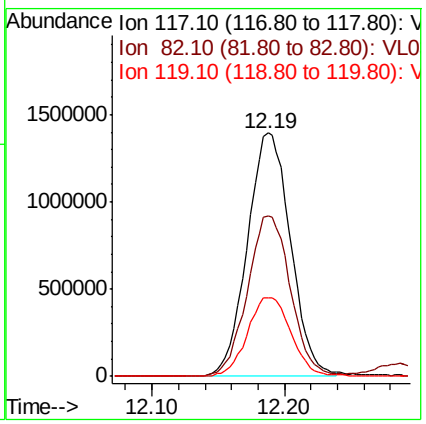


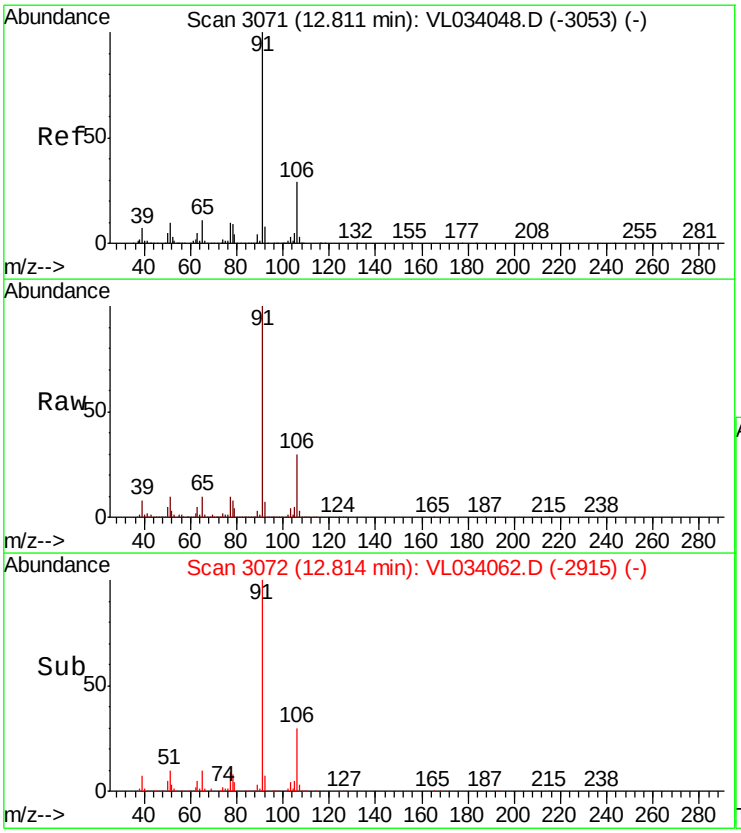
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.19 min Scan# 2877
Delta R.T. 0.00 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 3156315

Ion	Ratio	Lower	Upper
117	100		
82	66.0	49.8	74.8
119	33.0	43.0	64.6#

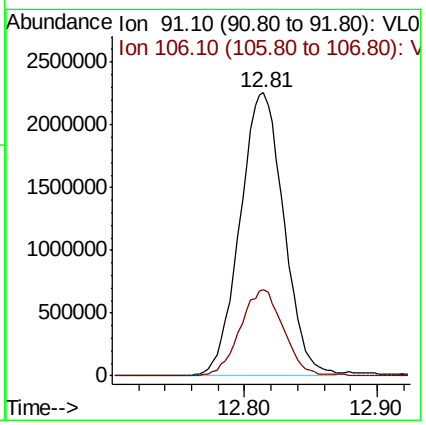


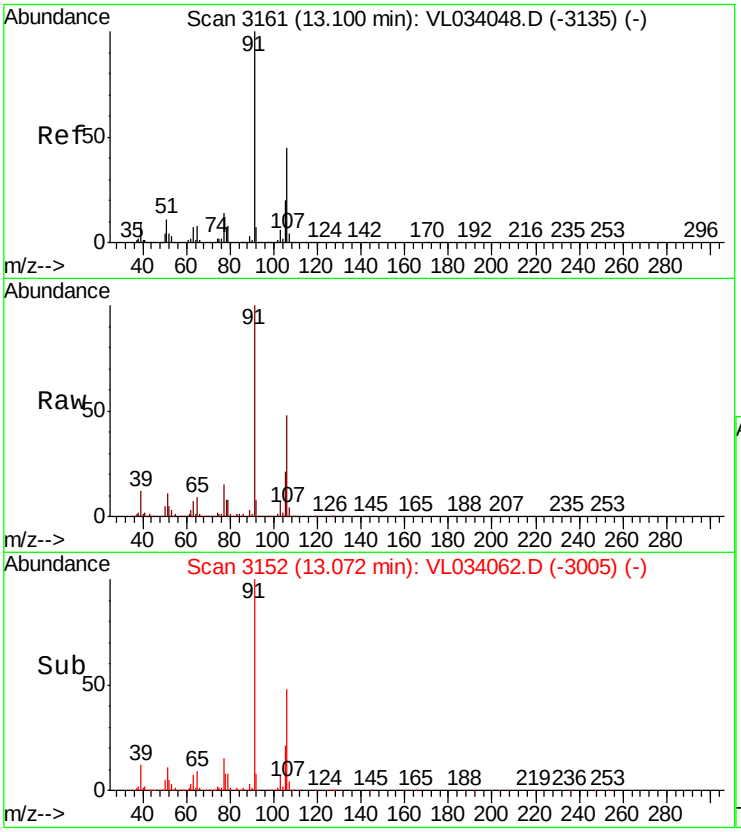


#58
Ethyl Benzene
Concen: 13.801 ppbv
RT: 12.81 min Scan# 3072
Delta R.T. 0.00 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Tgt Ion: 91 Resp: 5155142

Ion	Ratio	Lower	Upper
91	100		
106	30.4	23.5	35.3



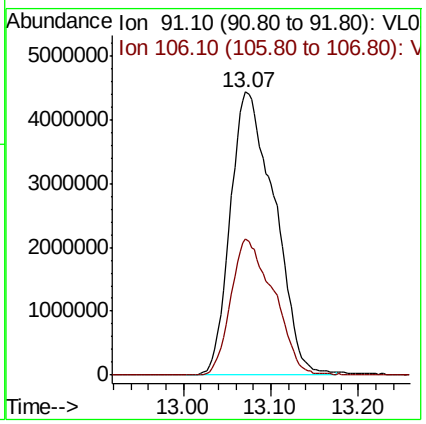


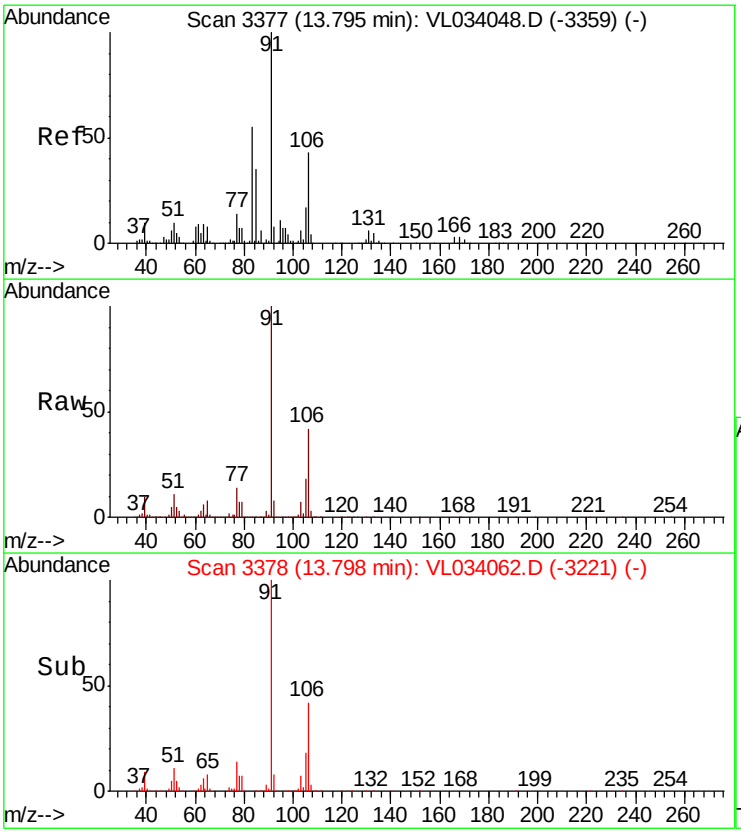
#59
m/p-Xylene
Concen: 45.588 ppbv
RT: 13.07 min Scan# 3152
Delta R.T. -0.03 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp:15479838

Ion	Ratio	Lower	Upper
91	100		
106	47.1	35.1	52.7

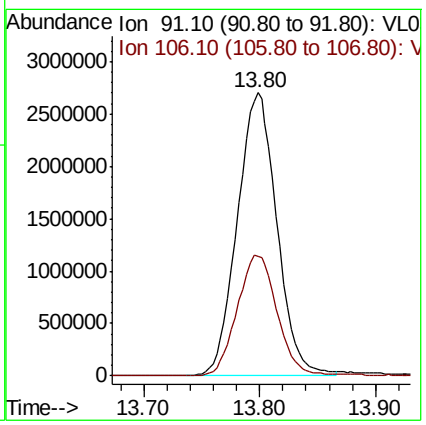


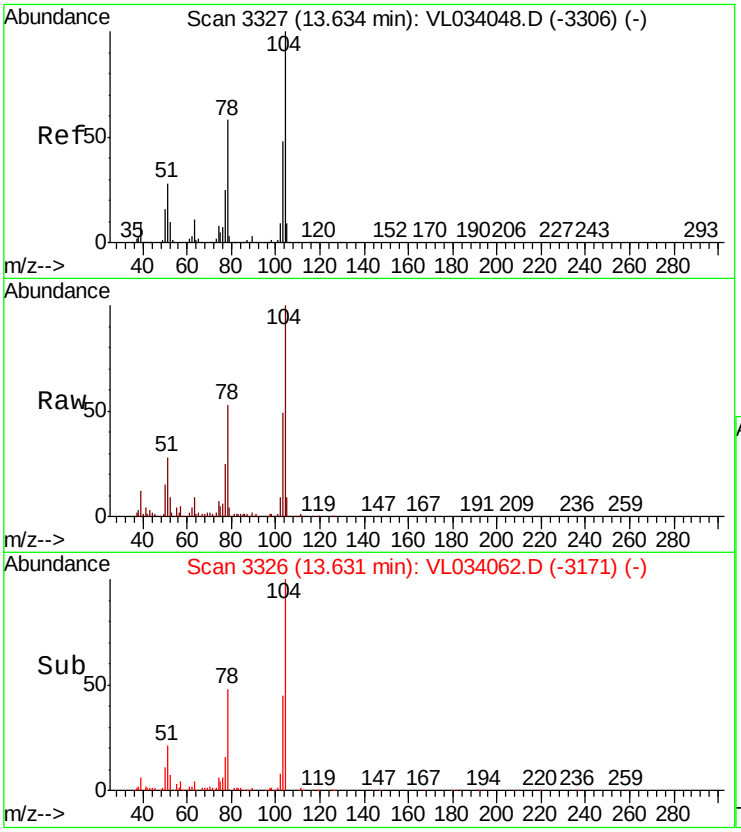


#60
o-Xylene
Concen: 18.955 ppbv
RT: 13.80 min Scan# 3378
Delta R.T. 0.00 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Tgt Ion: 91 Resp: 6397264

Ion	Ratio	Lower	Upper
91	100		
106	43.9	21.2	63.6



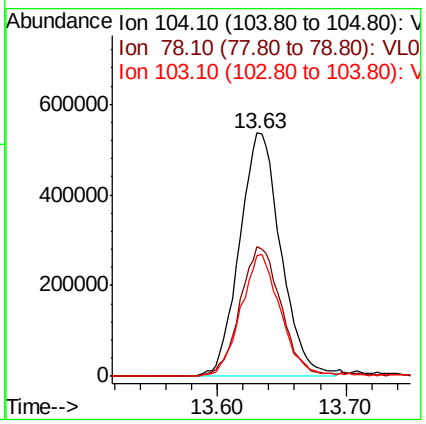


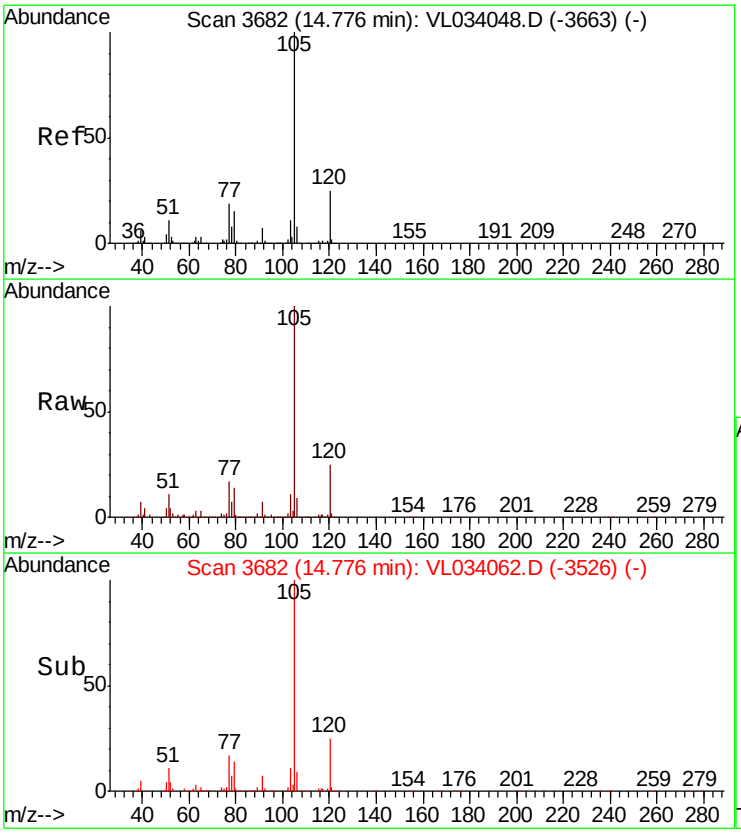
#61
Stvrene
Concen: 5.358 ppbv
RT: 13.63 min Scan# 3326
Delta R.T. -0.00 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:104 Resp: 1194120

Ion	Ratio	Lower	Upper
104	100		
78	54.2	44.3	66.5
103	48.6	38.8	58.2

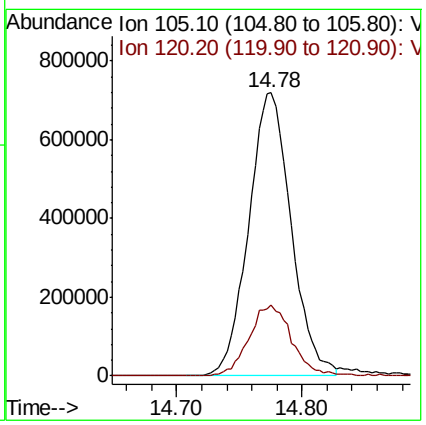


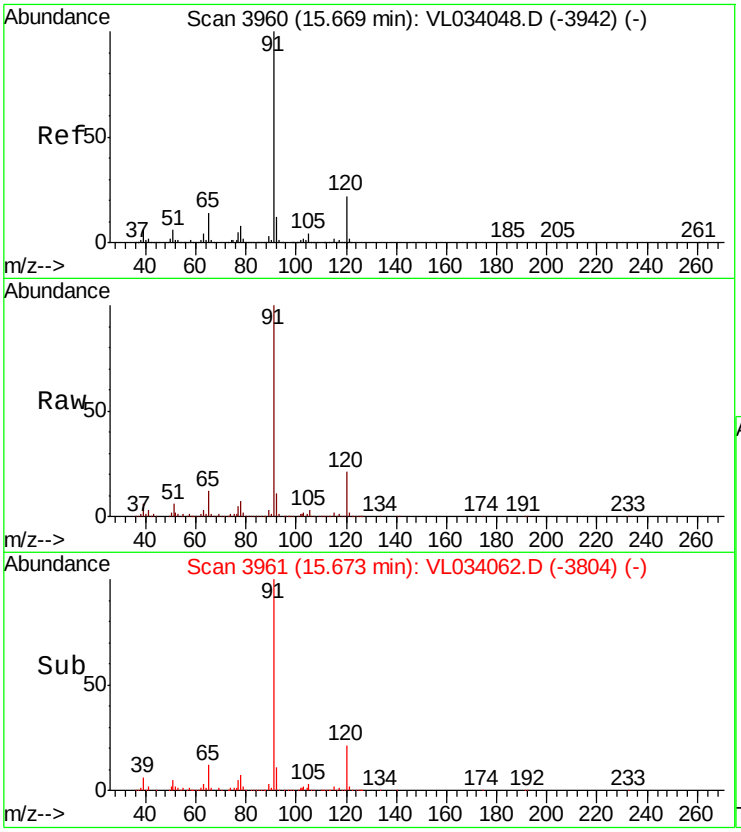


#62
Isopropylbenzene
Concen: 3.752 ppbv
RT: 14.78 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Tgt Ion:105 Resp: 1696521

Ion	Ratio	Lower	Upper
105	100		
120	25.5	20.2	30.2



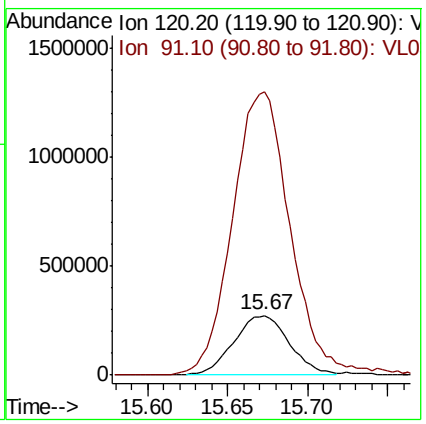


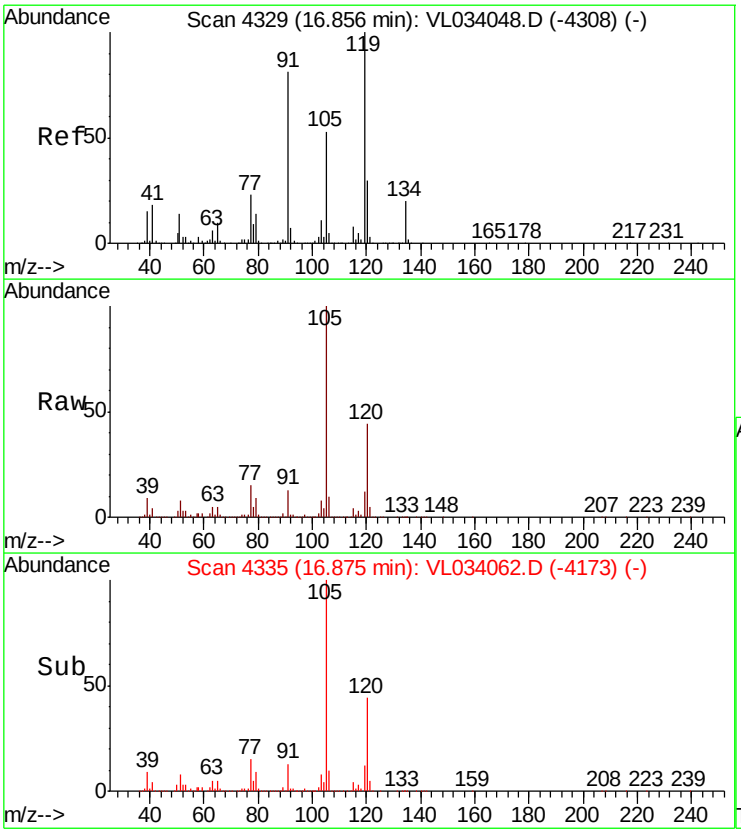
#64
n-propylbenzene
Concen: 5.562 ppbv
RT: 15.67 min Scan# 3961
Delta R.T. 0.00 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:120 Resp: 651221

Ion	Ratio	Lower	Upper
120	100		
91	497.5	386.2	579.2

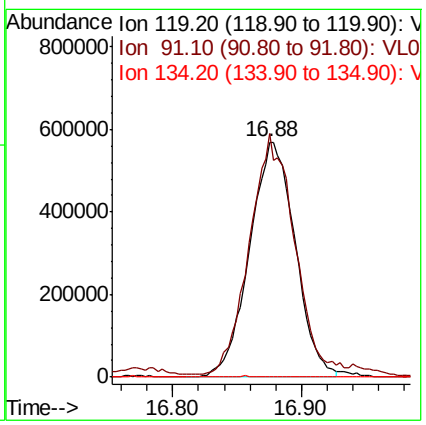


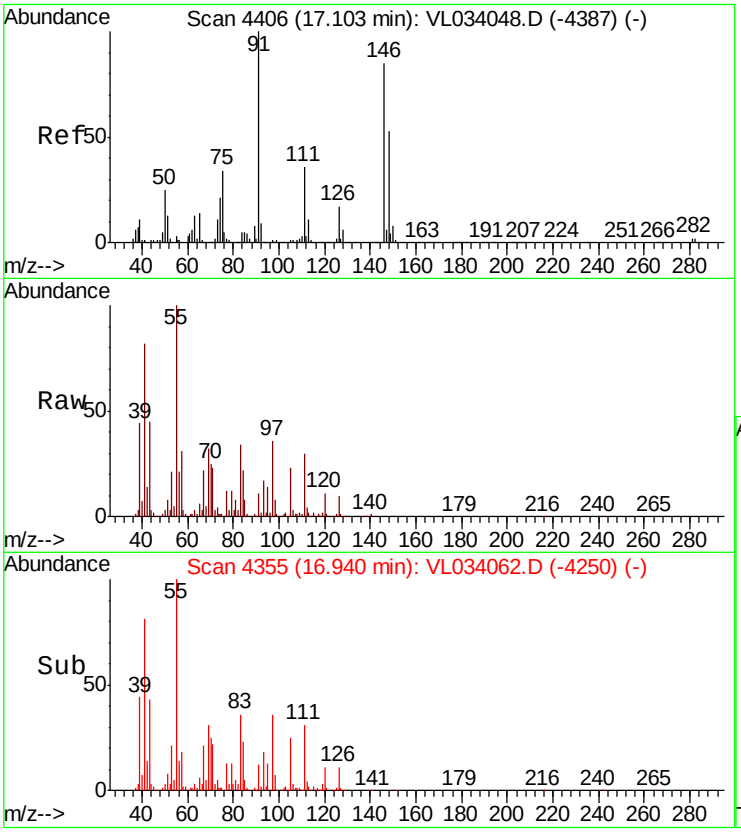


#65
tert-Butylbenzene
Concen: 3.347 ppbv
RT: 16.88 min Scan# 4335
Delta R.T. 0.02 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Tgt Ion:119 Resp: 1395253

Ion	Ratio	Lower	Upper
119	100		
91	106.4	66.9	100.3#
134	0.4	15.5	23.3#



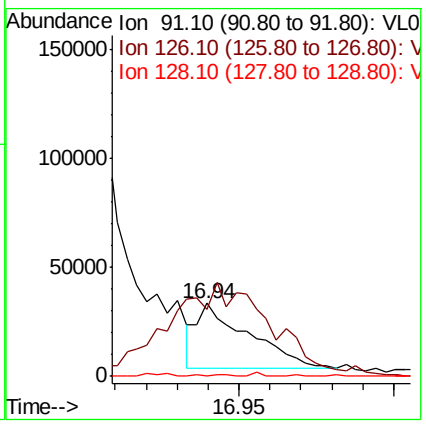


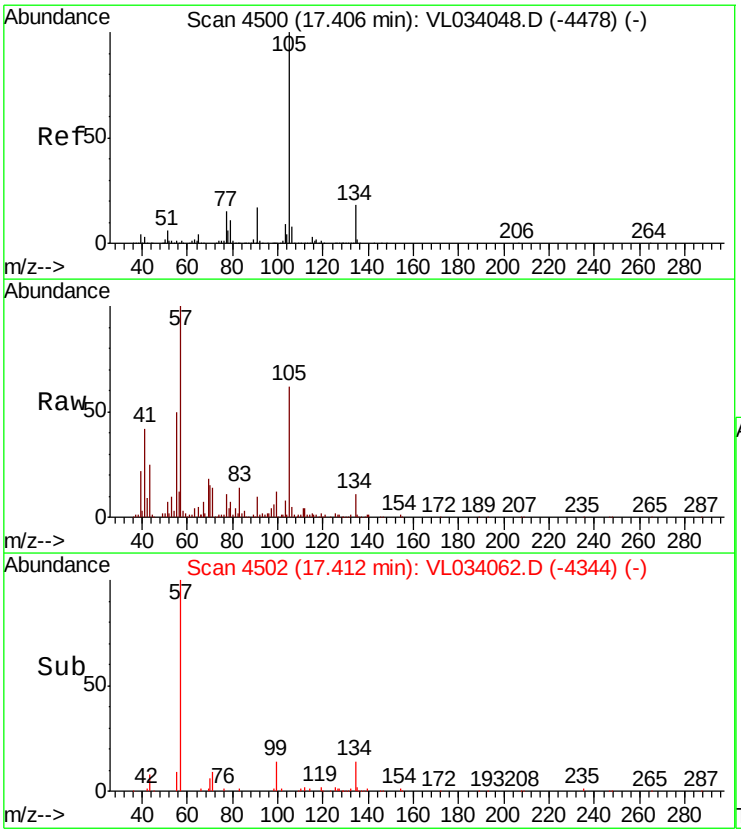
#66
Benzyl Chloride
Concen: 0.164 ppbv
RT: 16.94 min Scan# 4355
Delta R.T. -0.16 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 34289

Ion	Ratio	Lower	Upper
91	100		
126	294.1	13.5	20.3#
128	2.2	4.5	6.7#

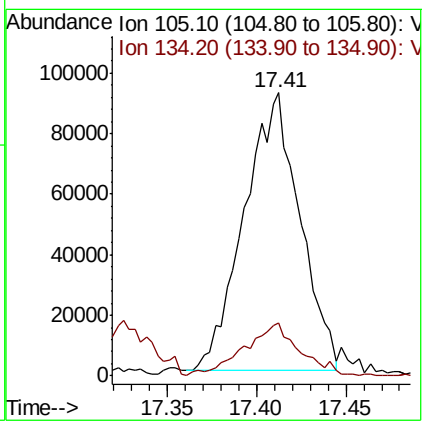


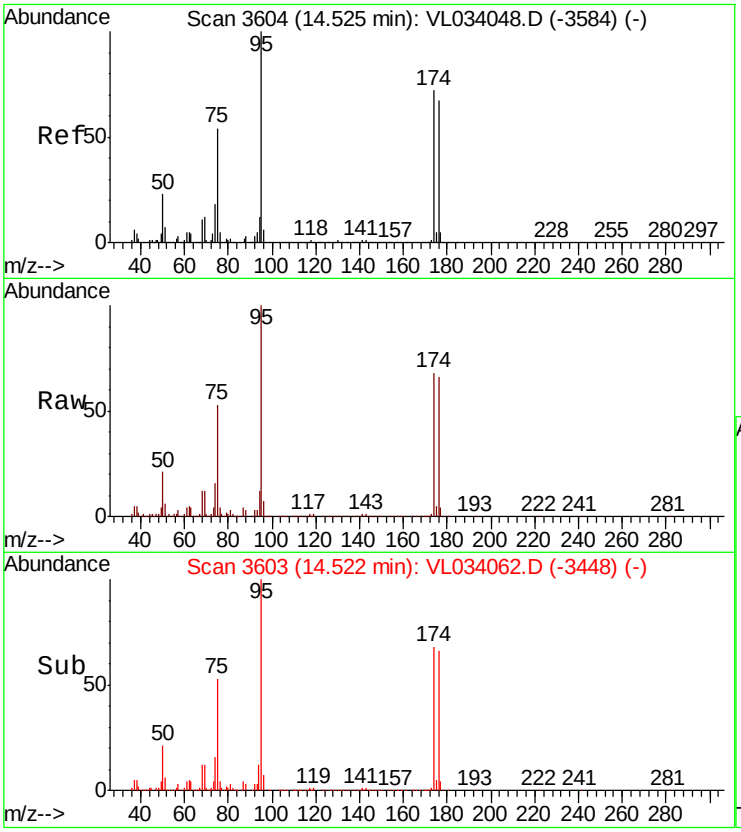


#67
sec-Butylbenzene
Concen: 0.338 ppbv
RT: 17.41 min Scan# 4502
Delta R.T. 0.01 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Tgt Ion:105 Resp: 200255

Ion	Ratio	Lower	Upper
105	100		
134	18.5	14.3	21.5



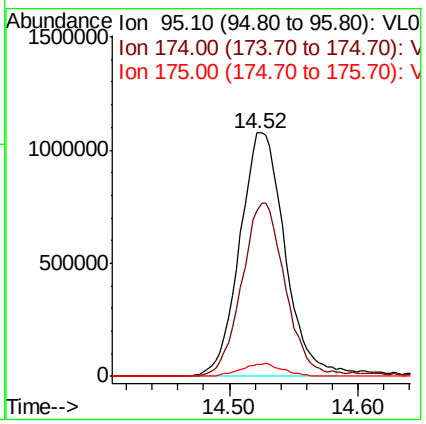


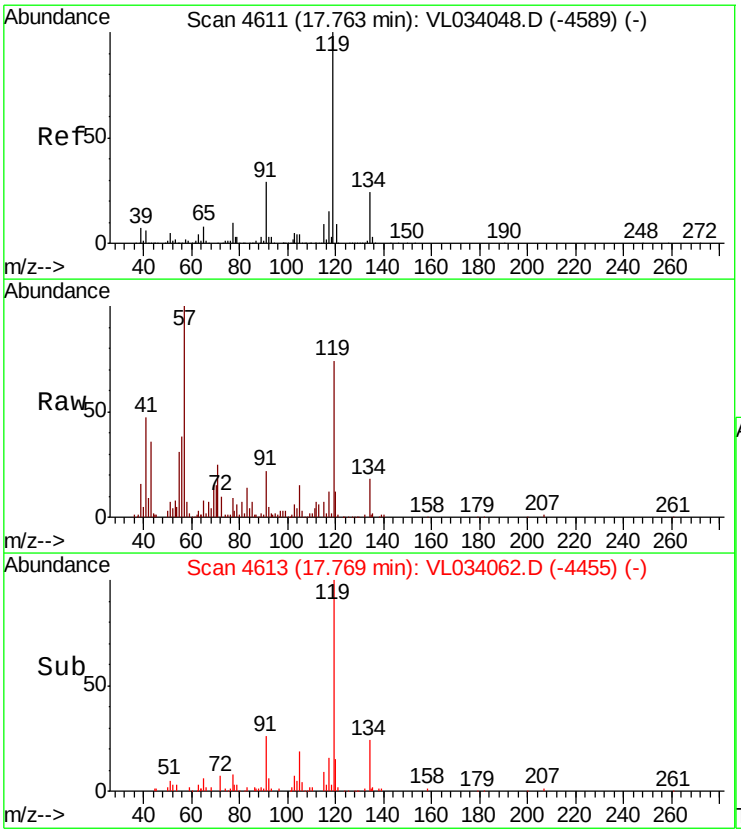
#68
1-Bromo-4-Fluorobenzene
Concen: 10.405 ppbv
RT: 14.52 min Scan# 3603
Delta R.T. -0.00 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2595952

Ion	Ratio	Lower	Upper
95	100		
174	70.9	57.6	86.4
175	5.1	4.1	6.1

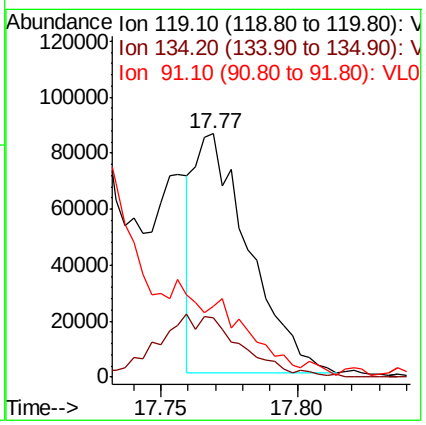


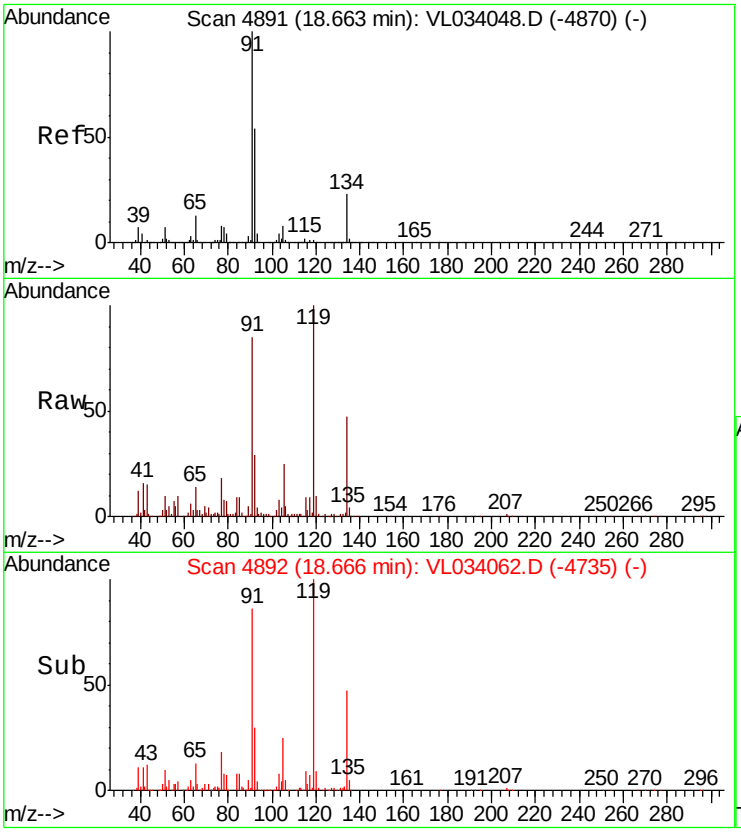


#69
p-Isopropyltoluene
Concen: 0.244 ppbv
RT: 17.77 min Scan# 4613
Delta R.T. 0.01 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Tgt Ion:119 Resp: 117704

Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.1	30.1#
91	0.0	23.6	35.4#



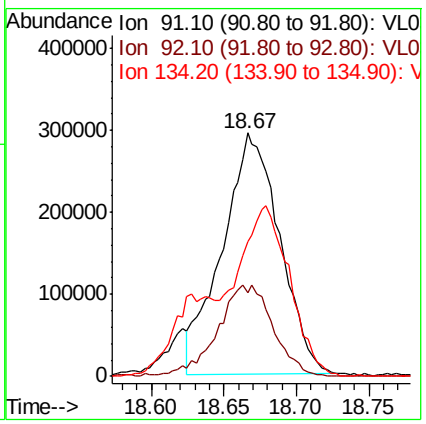


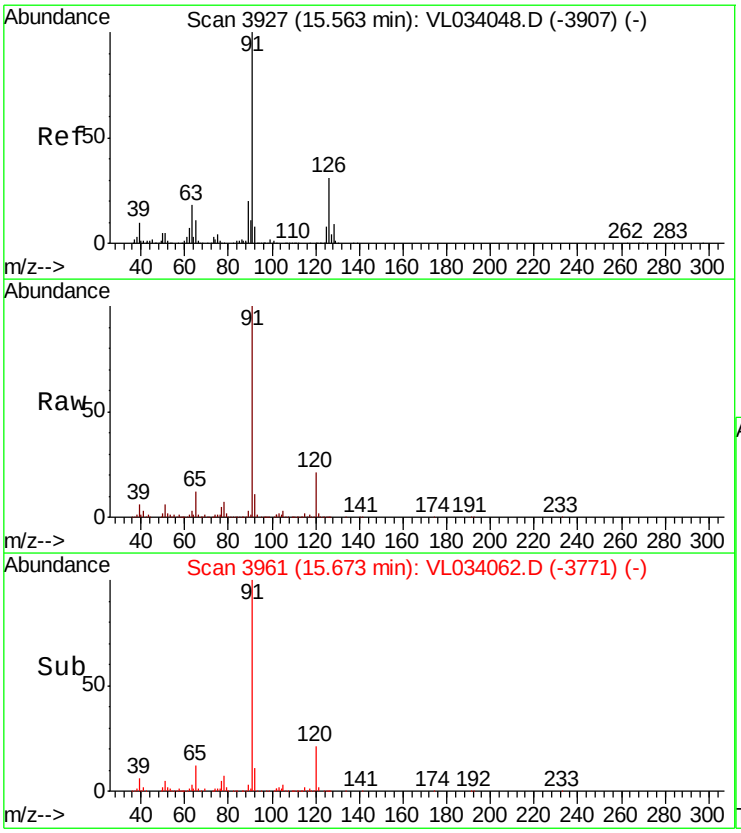
#70
n-Butylbenzene
Concen: 1.580 ppbv
RT: 18.67 min Scan# 4892
Delta R.T. 0.00 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 807948

Ion	Ratio	Lower	Upper
91	100		
92	37.2	42.6	64.0#
134	90.1	17.7	26.5#

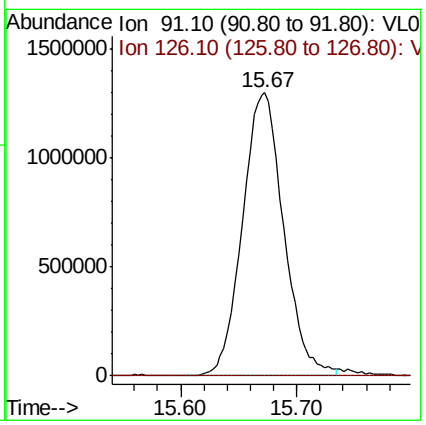


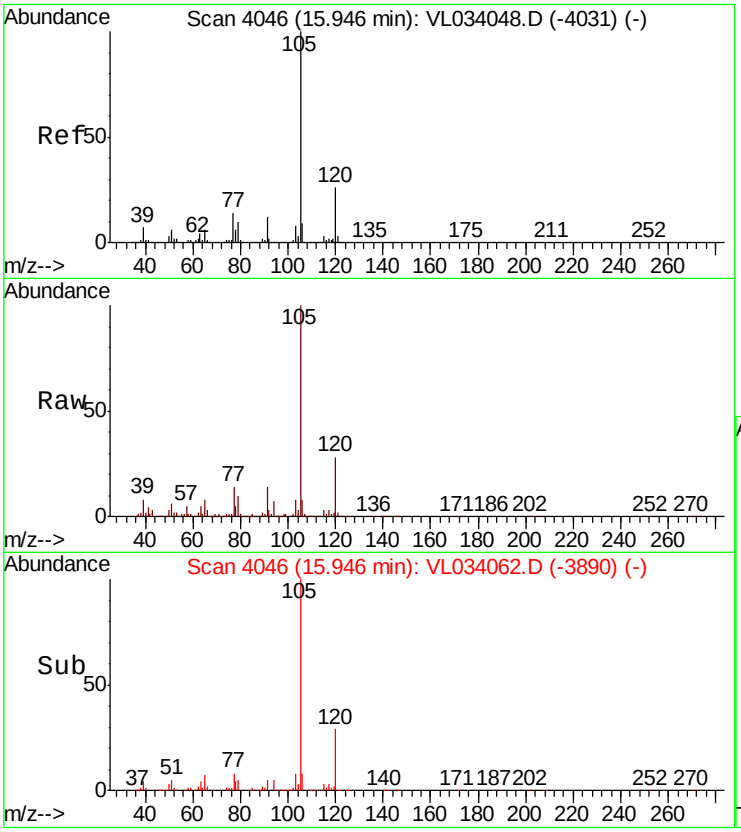


#71
2-Chlorotoluene
Concen: 9.740 ppbv
RT: 15.67 min Scan# 3961
Delta R.T. 0.11 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Tgt Ion: 91 Resp: 3197467

Ion	Ratio	Lower	Upper
91	100		
126	0.1	12.0	48.2#



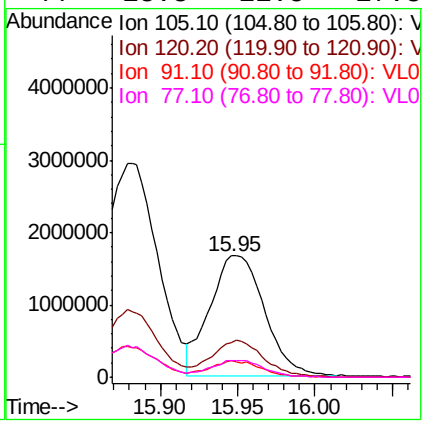


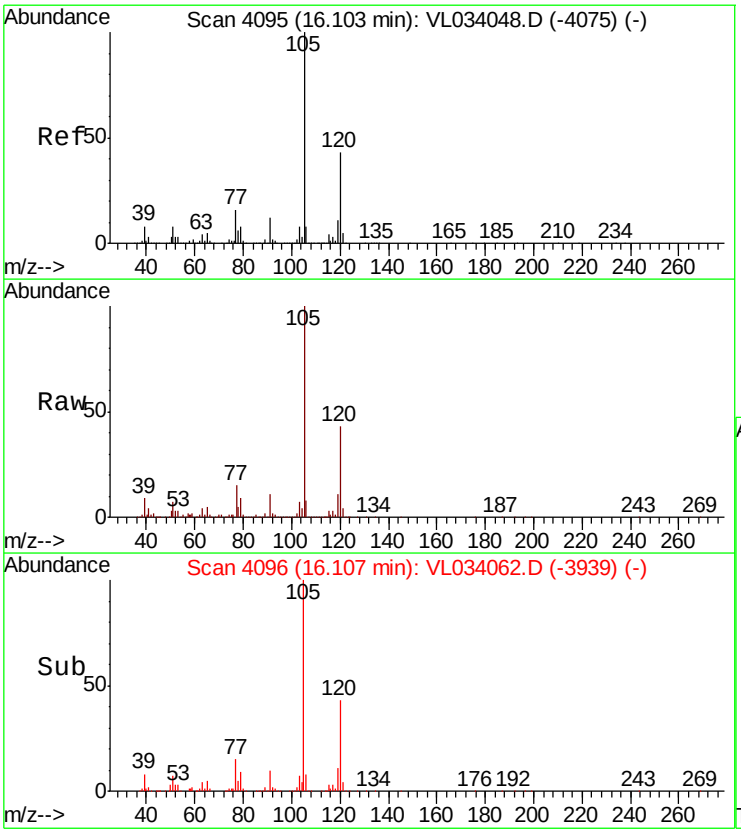
#72
4-Ethyltoluene
Concen: 10.663 ppbv
RT: 15.95 min Scan# 4046
Delta R.T. 0.00 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 4069175

Ion	Ratio	Lower	Upper
105	100		
120	30.5	23.0	34.4
91	13.5	10.6	16.0
77	13.3	11.5	17.3

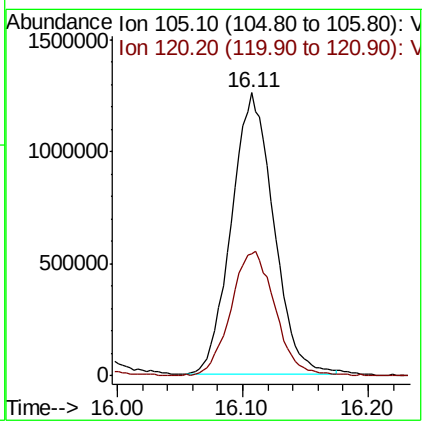


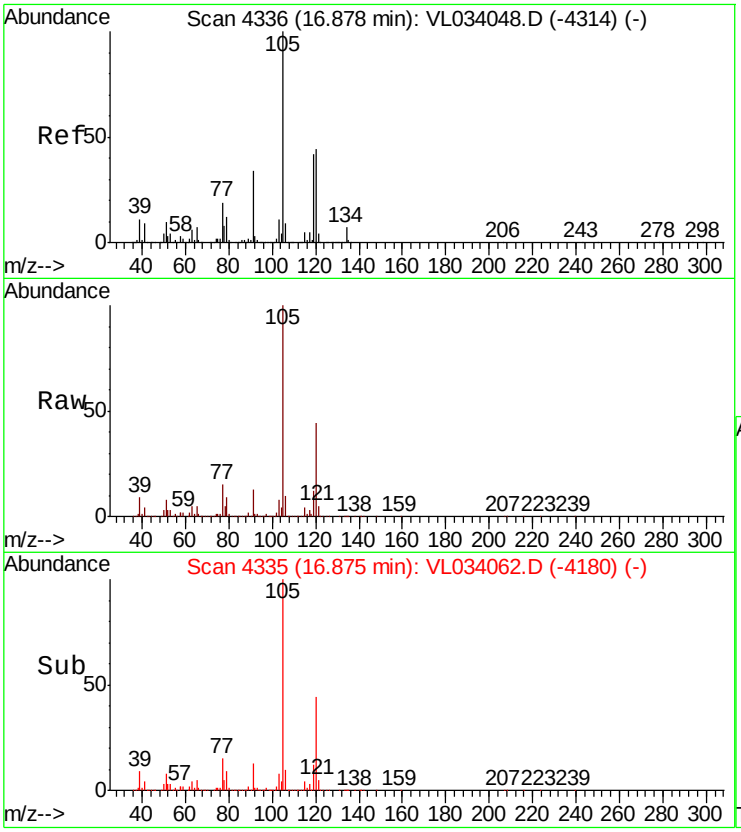


#73
1,3,5-Trimethylbenzene
Concen: 7.537 ppbv
RT: 16.11 min Scan# 4096
Delta R.T. 0.00 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Tgt Ion:105 Resp: 2927359

Ion	Ratio	Lower	Upper
105	100		
120	43.2	34.7	52.1



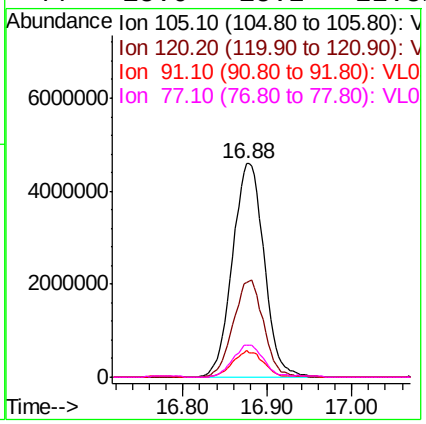


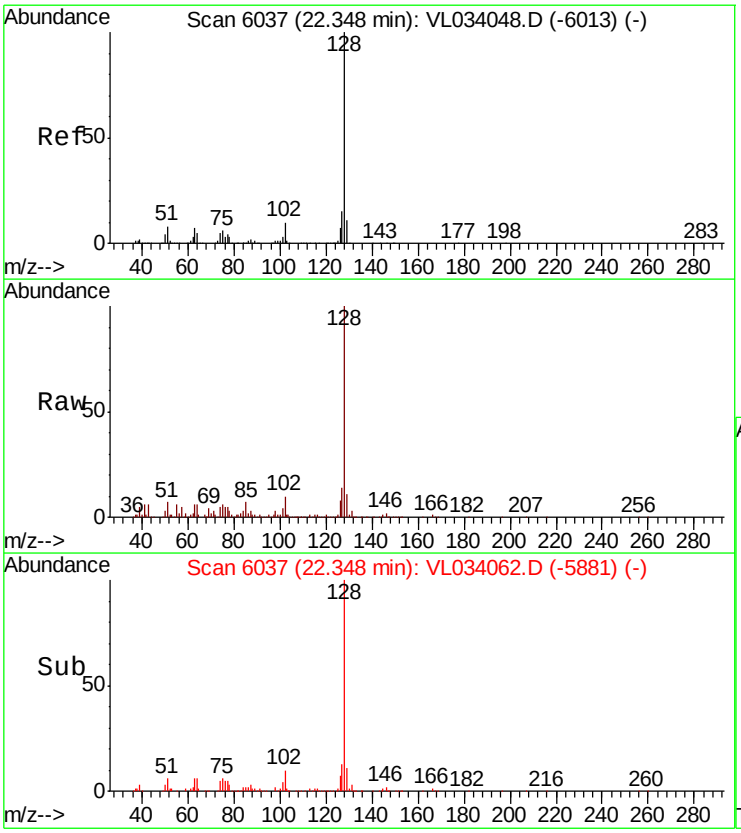
#74
1,2,4-Trimethylbenzene
Concen: 28.135 ppbv
RT: 16.88 min Scan# 4335
Delta R.T. -0.00 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp:12003979

Ion	Ratio	Lower	Upper
105	100		
120	44.4	35.6	53.4
91	12.8	28.0	42.0#
77	15.0	15.2	22.8#

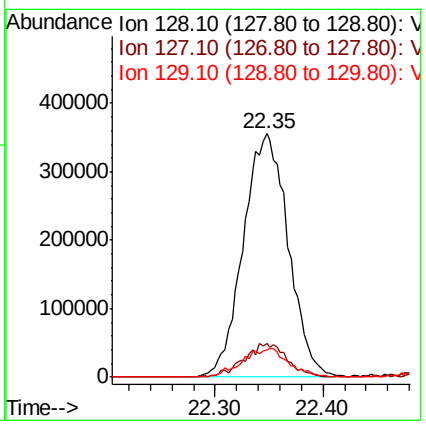


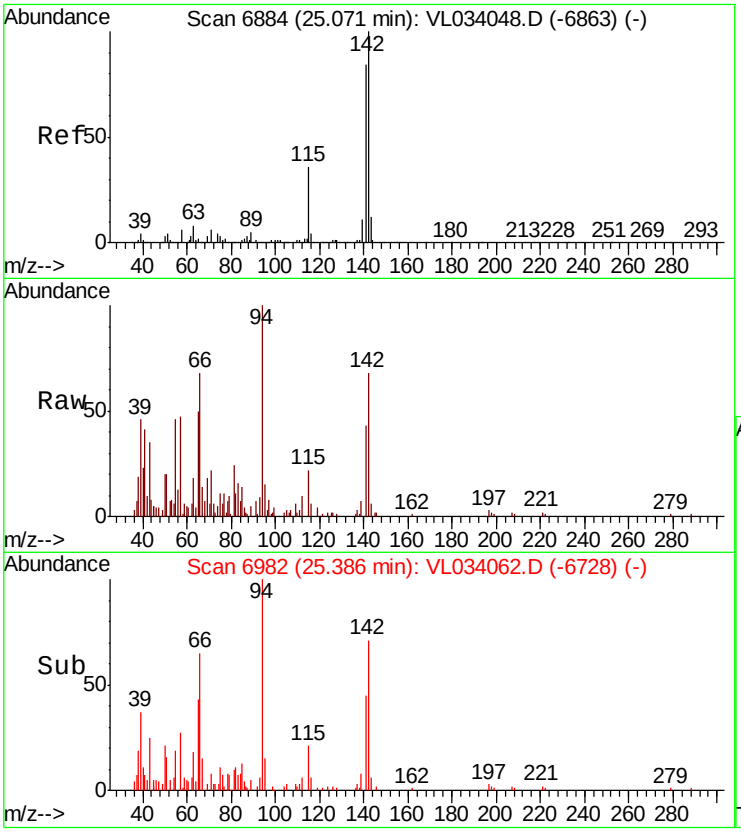


#79
Naphthalene
Concen: 2.766 ppbv
RT: 22.35 min Scan# 6037
Delta R.T. 0.00 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Tgt Ion:128 Resp: 1028777

Ion	Ratio	Lower	Upper
128	100		
127	13.7	11.8	17.6
129	11.2	9.1	13.7





#80
Naphthalene,2-methyl-
Concen: 0.161 ppbv
RT: 25.39 min Scan# 6982
Delta R.T. 0.32 min
Lab File: VL034062.D
Acq: 30 Jul 2019 12:47

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:142 Resp: 20913

Ion	Ratio	Lower	Upper
142	100		
141	81.5	67.6	101.4
115	44.5	29.8	44.6