Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL073019\
Data File : VL034064.D
Acq On : 30 Jul 2019 14:10
Operator : SY/AP
Sample : K4033-03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Jul 31 02:12:39 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	1147147	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.25	114	4324402	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.19	117	3163049	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.52	95	2555822	10.22	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.06	85	27084	0.123	ppbv		95
3) Chlorodifluoromethane	2.99	51	230294	1.739	ppbv		93
4) Chloromethane	3.14	50	26370	0.340	ppbv	#	84
9) Propene	3.21	41	154584	3.252	ppbv		99
10) Heptane	8.20	43	567994	4.381	ppbv		97
11) Trichlorofluoromethane	3.97	101	87684	0.358	ppbv		94
13) Ethanol	3.64	45	1016955	53.747	ppbv		95
15) Acetone	3.87	43	1661898	9.529	ppbv		90
16) 1,3-Butadiene	3.36	39	274384	4.051	ppbv	#	17
17) tert-Butyl alcohol	4.35	59	57642	0.402	ppbv	#	72
19) Isopropyl Alcohol	4.03	45	64238	0.539	ppbv	#	94
20) Methylene Chloride	4.37	84	173294	2.598	ppbv		96
21) Allyl Chloride	4.40	41	73731	0.670	ppbv	#	40
23) Vinyl Acetate	5.09	43	232884	1.247	ppbv	#	1
25) Ethyl Acetate	5.73	43	564139	2.176	ppbv	#	77
26) Hexane	5.74	57	854554	7.287	ppbv	#	40
27) Carbon Disulfide	4.58	76	254528	1.394	ppbv	#	90
29) Chloroform	5.80	83	241994	1.130	ppbv		96
30) Cyclohexane	7.20	84	650060	5.456	ppbv		93
32) 1,1,1-Trichloroethane	6.57	97	65277	0.290	ppbv	#	48
34) 2-Butanone	5.30	43	122768	0.690	ppbv		96
36) Benzene	6.96	78	1420762	4.935	ppbv		98
39) 1,2-Dichloropropane	7.25	63	1057781	9.055	ppbv	#	25
41) Tetrahydrofuran	6.03	42	6342	0.070	ppbv	#	83
42) Bromodichloromethane	7.87	83	21986	0.080	ppbv	#	27
44) 2,2,4-Trimethylpentane	7.94	57	695480	1.455	ppbv	#	80
51) 2-Hexanone	10.20	43	41535	0.189	ppbv	#	75
52) Tetrachloroethene	11.32	164	22546	0.200	ppbv	#	74
53) Toluene	9.90	91	17417959	57.990	ppbv		94
58) Ethyl Benzene	12.81	91	4928467	13.166	ppbv		98
59) m/p-Xylene	13.07	91	14121824	41.500	ppbv		95
60) o-Xylene	13.79	91	5878997	17.382	ppbv		97
61) Styrene	13.63	104	1025057	4.590	ppbv		98
62) Isopropylbenzene	14.78	105	1623578	3.583	ppbv		100
64) n-propylbenzene	15.67	120	560681	4.778	ppbv		91
65) tert-Butylbenzene	16.87	119	536933	1.285	ppbv	#	17
66) Benzyl Chloride	16.95	91	10720	0.051	ppbv	#	1
67) sec-Butylbenzene	17.41	105	149196	0.251	ppbv	#	92
69) p-Isopropyltoluene	17.65	119	227560	0.470	ppbv		94
70) n-Butylbenzene	18.67	91	580208	1.133	ppbv	#	45
71) 2-Chlorotoluene	15.67	91	2801406	8.516	ppbv	#	45

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL073019\
Data File : VL034064.D
Acq On : 30 Jul 2019 14:10
Operator : SY/AP
Sample : K4033-03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Jul 31 02:12:39 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)
72) 4-Ethyltoluene	15.95	105	3593107	9.396	ppbv		99
73) 1,3,5-Trimethylbenzene	16.11	105	2429923	6.243	ppbv		96
74) 1,2,4-Trimethylbenzene	16.88	105	9092366	21.265	ppbv	#	83
79) Naphthalene	22.35	128	15743	0.042	ppbv	#	85
80) Naphthalene,2-methyl-	25.07	142	6940	0.053	ppbv	#	77

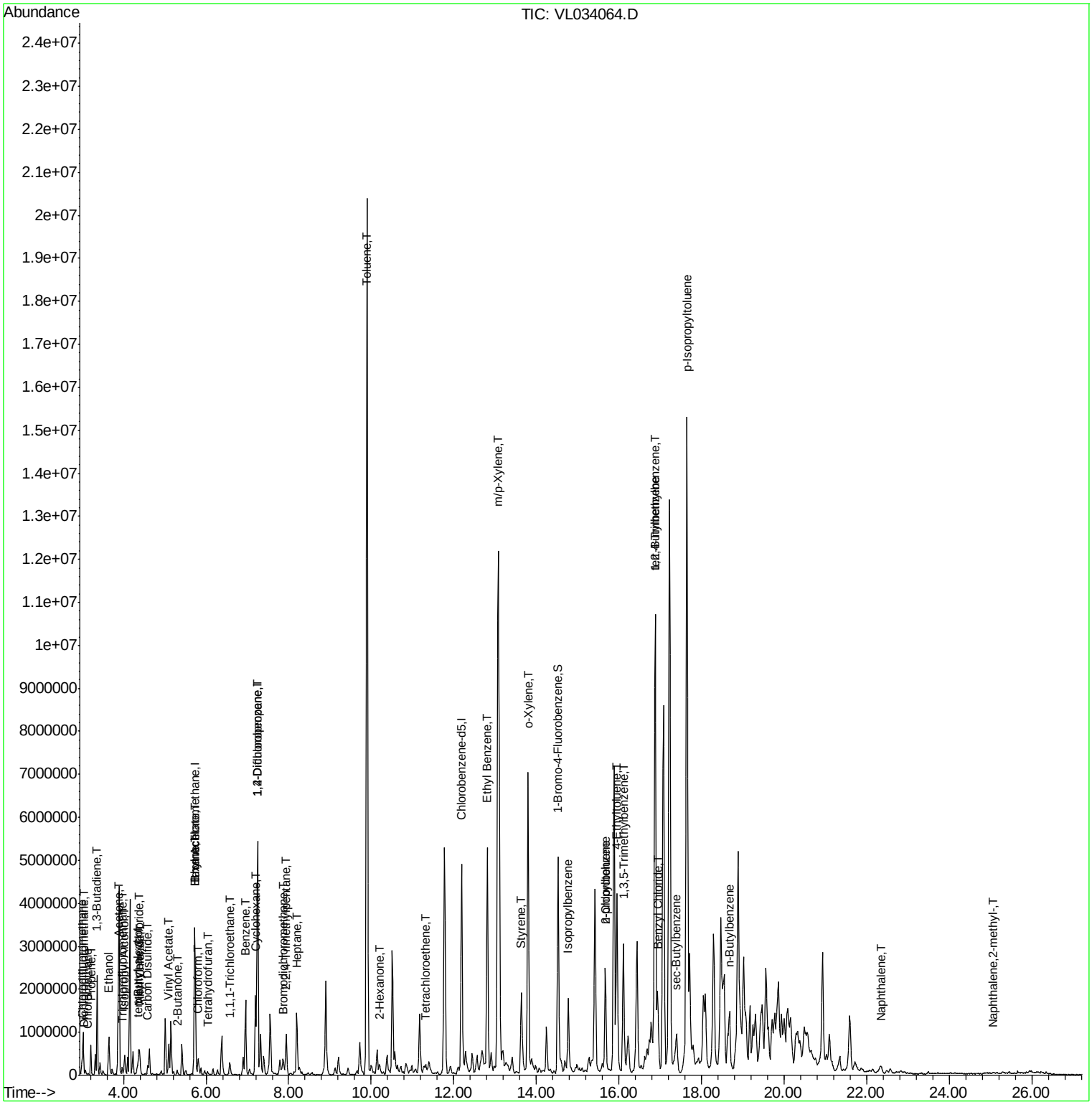
(#) = qualifier out of range (m) = manual integration (+) = signals summed

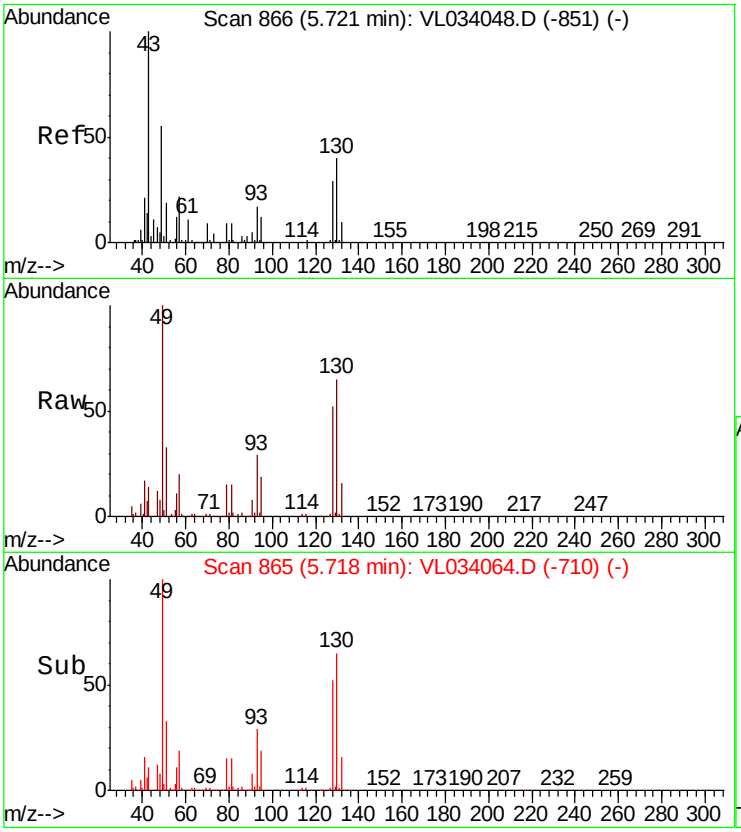
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL073019\
Data File : VL034064.D
Acq On : 30 Jul 2019 14:10
Operator : SY/AP
Sample : K4033-03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Jul 31 02:12:39 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



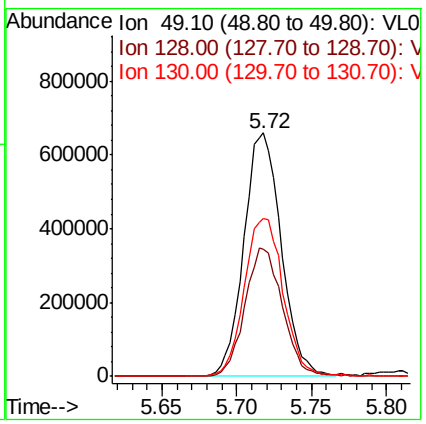


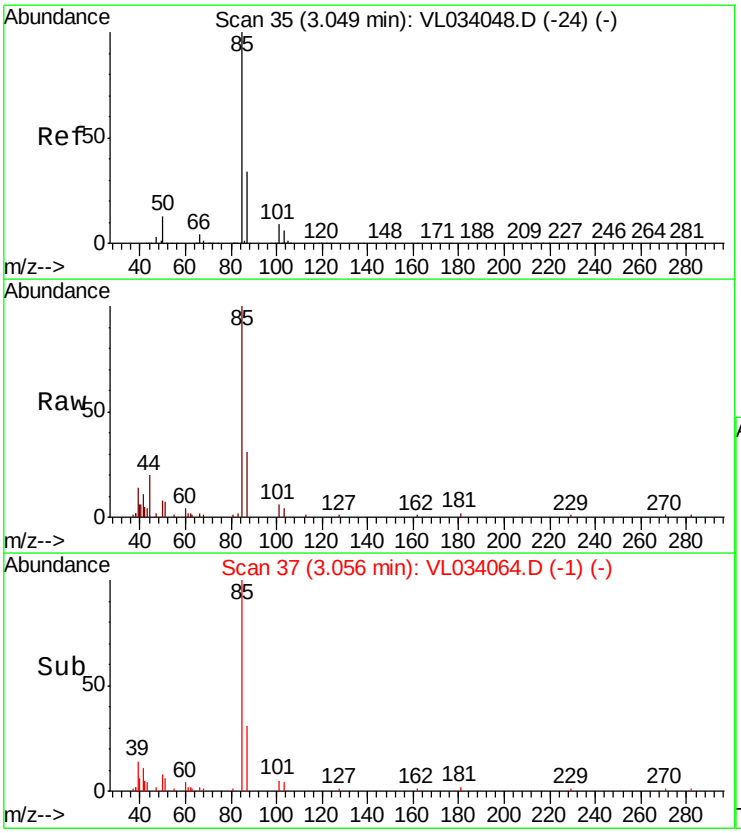
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.72 min Scan# 865
Delta R.T. -0.00 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1147147

Ion	Ratio	Lower	Upper
49	100		
128	53.3	27.0	81.0
130	67.9	35.0	105.0

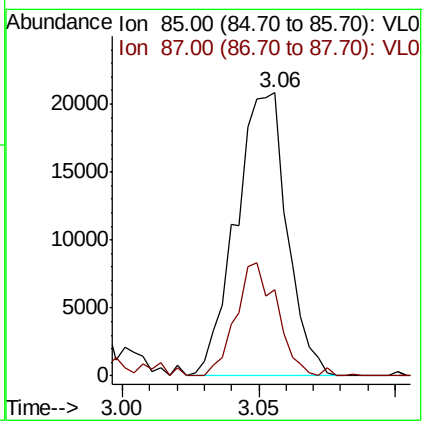


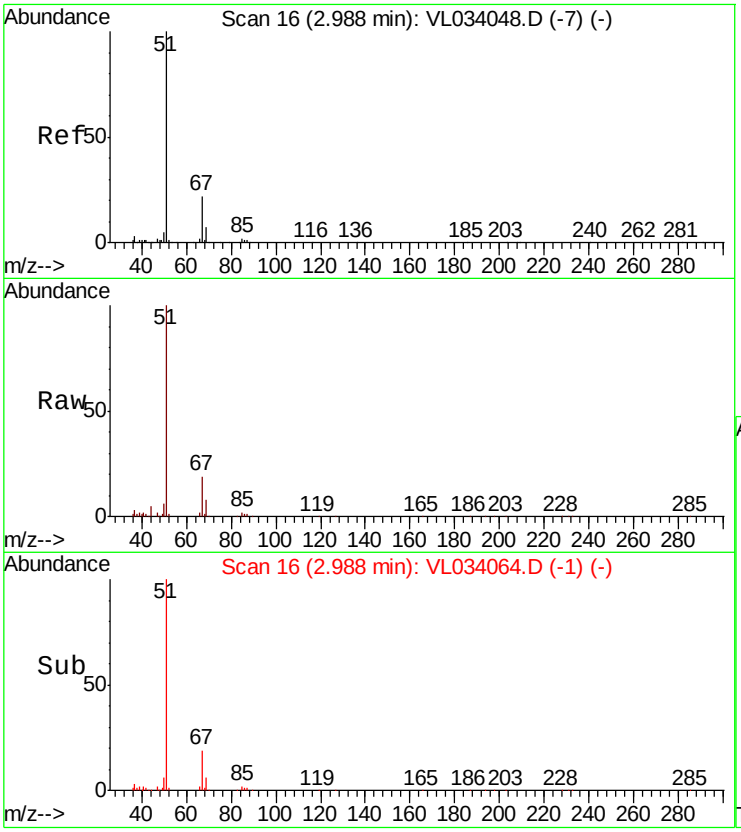


#2
Dichlorodifluoromethane
Concen: 0.123 ppbv
RT: 3.06 min Scan# 37
Delta R.T. 0.01 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Tgt Ion: 85 Resp: 27084

Ion	Ratio	Lower	Upper
85	100		
87	30.6	27.0	40.4



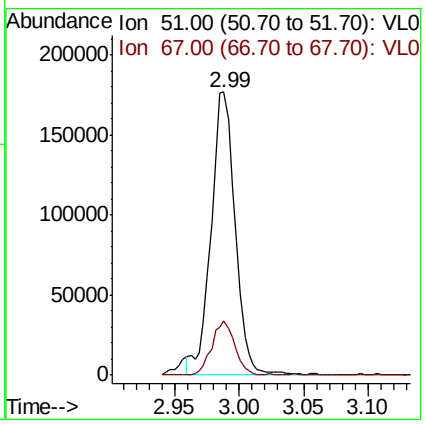


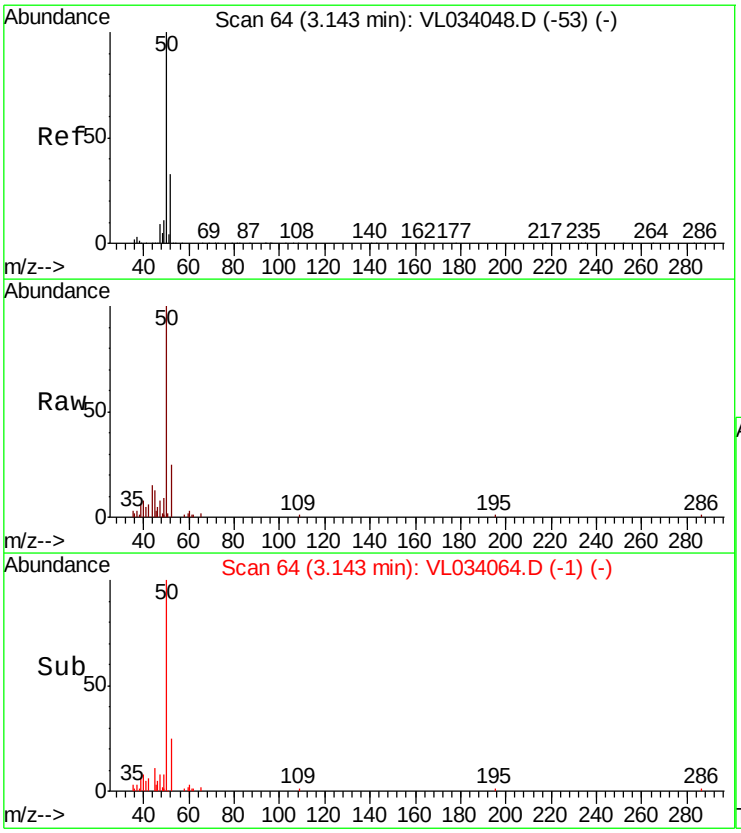
#3
Chlorodifluoromethane
Concen: 1.739 ppbv
RT: 2.99 min Scan# 16
Delta R.T. 0.00 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 230294

Ion	Ratio	Lower	Upper
51	100		
67	18.2	17.4	26.0

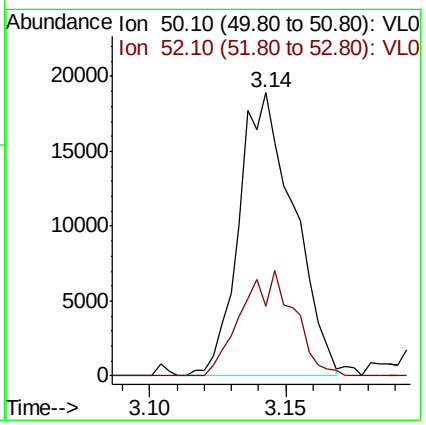


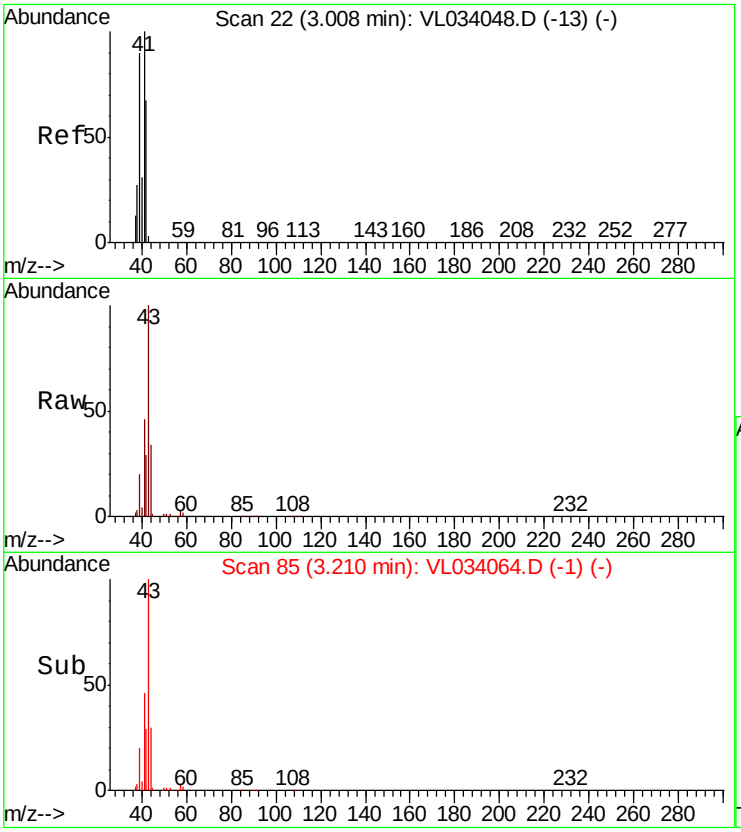


#4
Chloromethane
Concen: 0.340 ppbv
RT: 3.14 min Scan# 64
Delta R.T. 0.00 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Tgt Ion: 50 Resp: 26370

Ion	Ratio	Lower	Upper
50	100		
52	24.5	26.7	40.1#



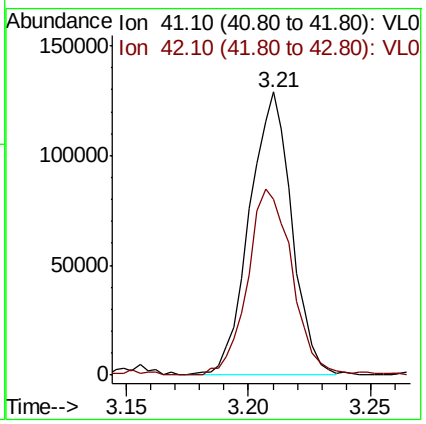


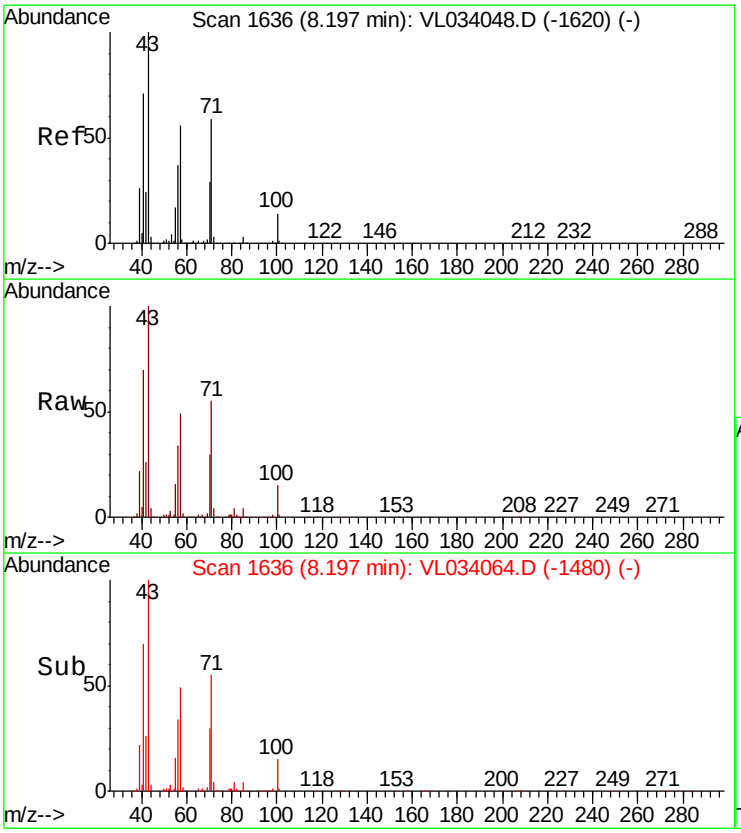
#9
Propene
Concen: 3.252 ppbv
RT: 3.21 min Scan# 85
Delta R.T. 0.20 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 154584

Ion	Ratio	Lower	Upper
41	100		
42	69.8	55.4	83.2

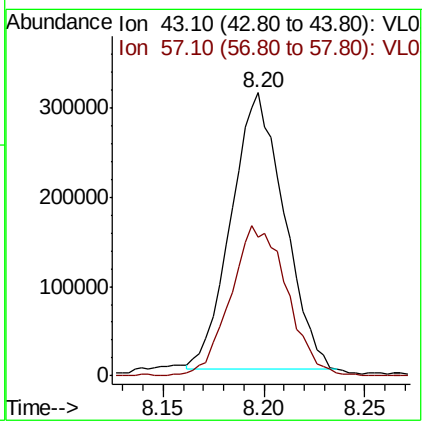


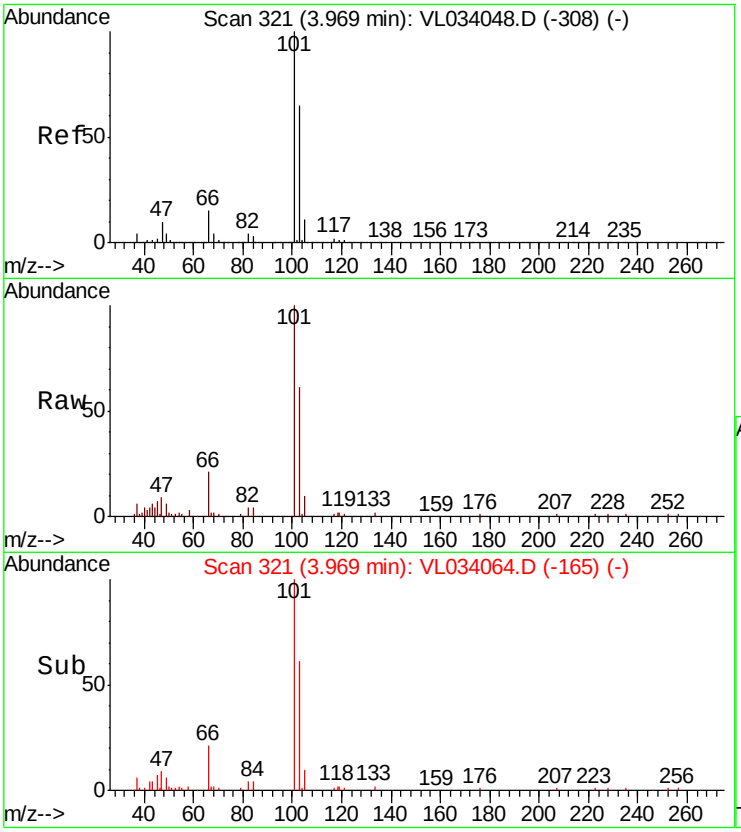


#10
Heptane
Concen: 4.381 ppbv
RT: 8.20 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Tgt Ion: 43 Resp: 567994

Ion	Ratio	Lower	Upper
43	100		
57	57.9	44.8	67.2



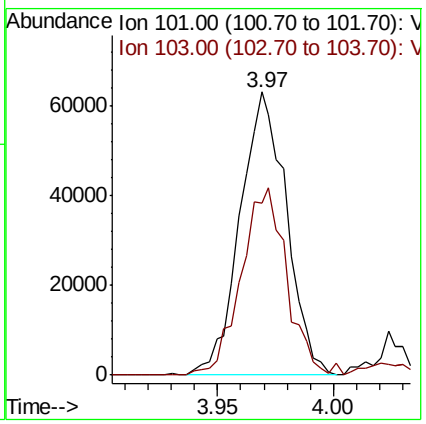


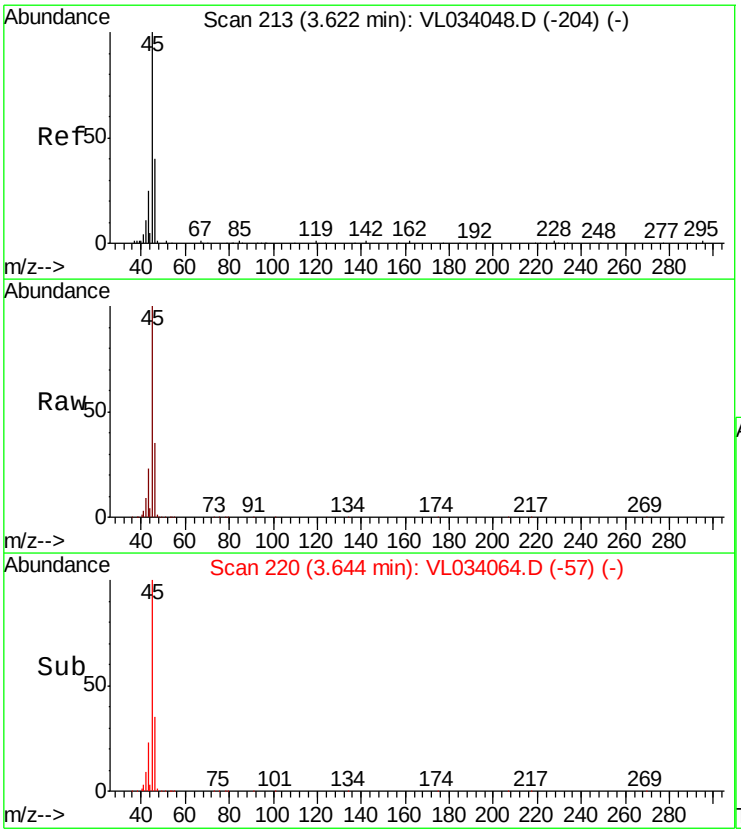
#11
Trichlorofluoromethane
Concen: 0.358 ppbv
RT: 3.97 min Scan# 321
Delta R.T. 0.00 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 87684

Ion	Ratio	Lower	Upper
101	100		
103	60.8	52.3	78.5

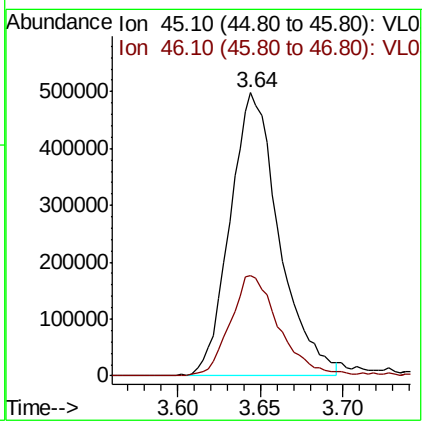


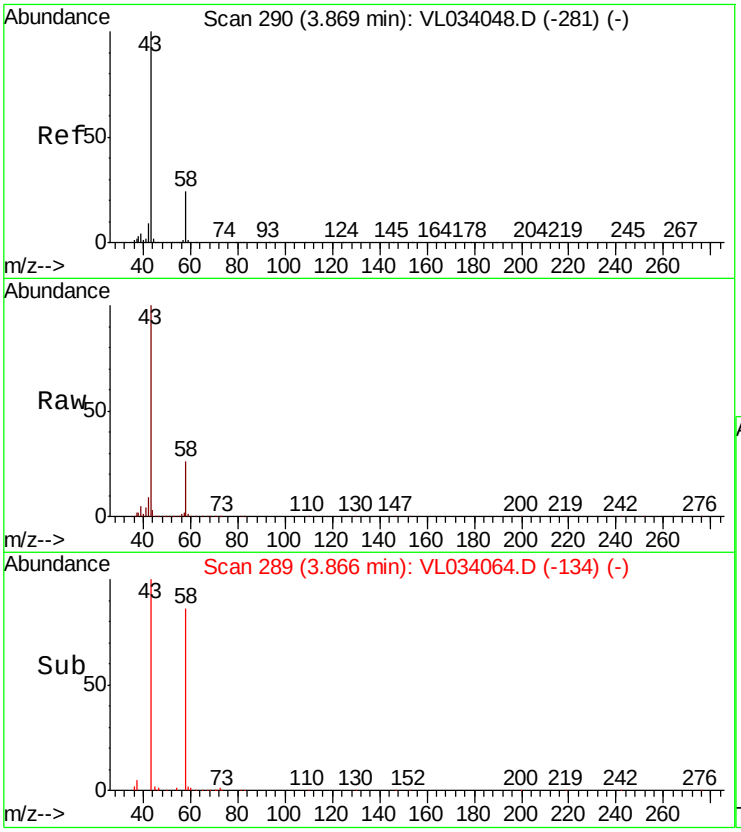


#13
Ethanol
Concen: 53.747 ppbv
RT: 3.64 min Scan# 220
Delta R.T. 0.02 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Tgt Ion: 45 Resp: 1016955

Ion	Ratio	Lower	Upper
45	100		
46	35.9	15.6	62.2



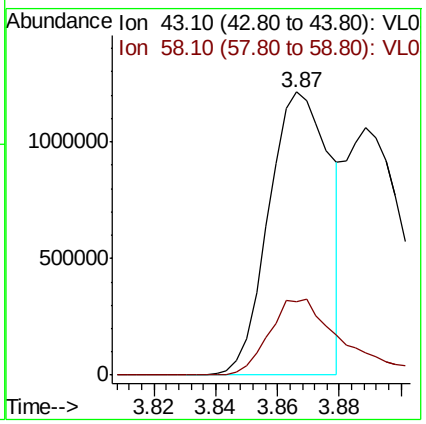


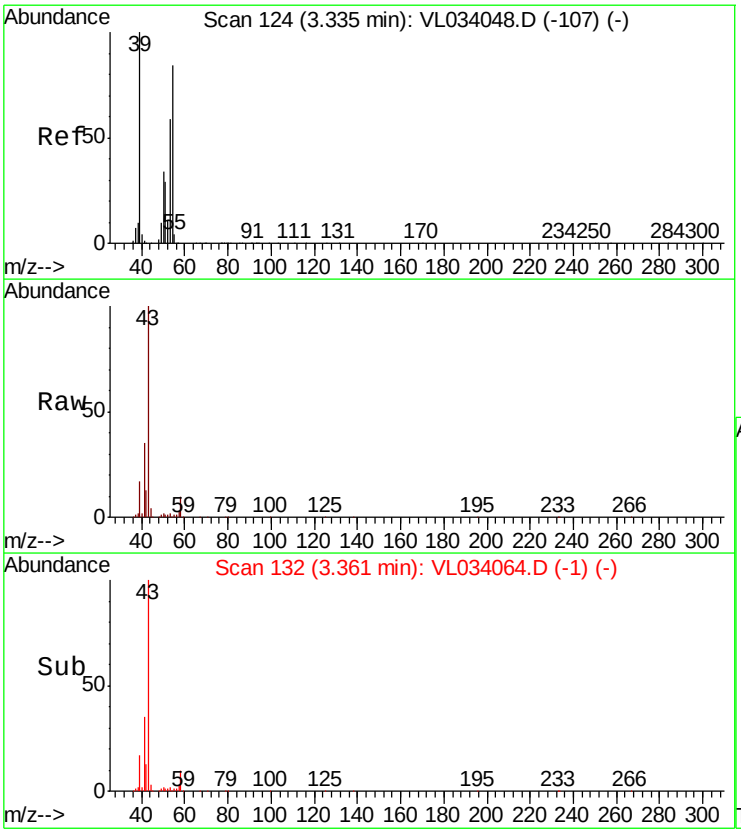
#15
Acetone
Concen: 9.529 ppbv
RT: 3.87 min Scan# 289
Delta R.T. -0.00 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 1661898

Ion	Ratio	Lower	Upper
43	100		
58	32.2	21.6	32.4

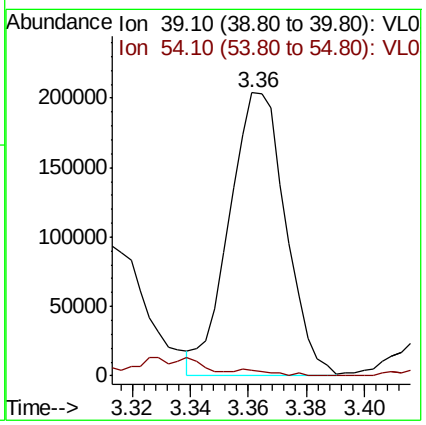


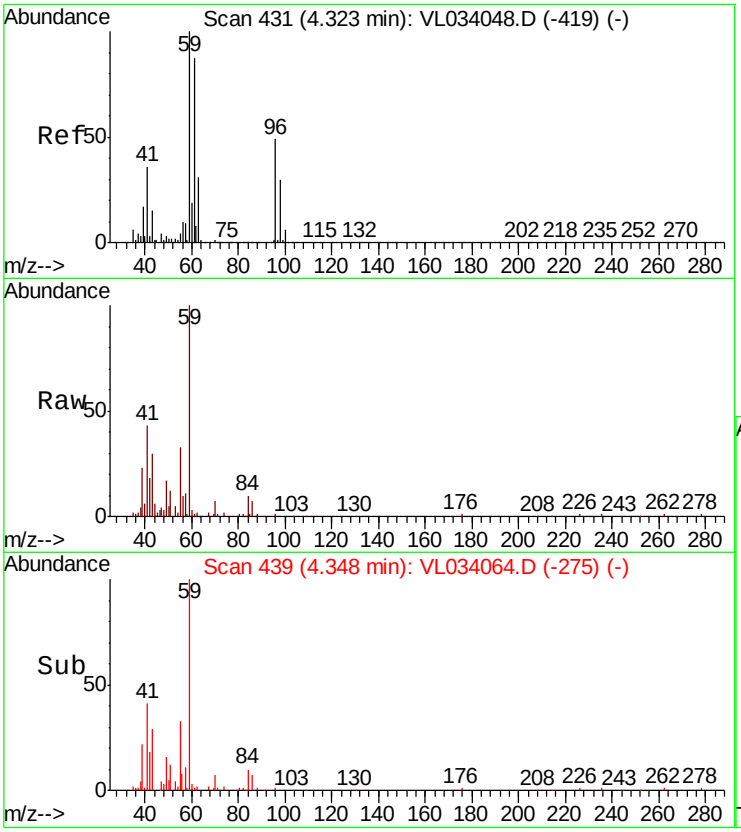


#16
1,3-Butadiene
Concen: 4.051 ppbv
RT: 3.36 min Scan# 132
Delta R.T. 0.03 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Tgt Ion: 39 Resp: 274384

Ion	Ratio	Lower	Upper
39	100		
54	10.0	68.9	103.3#



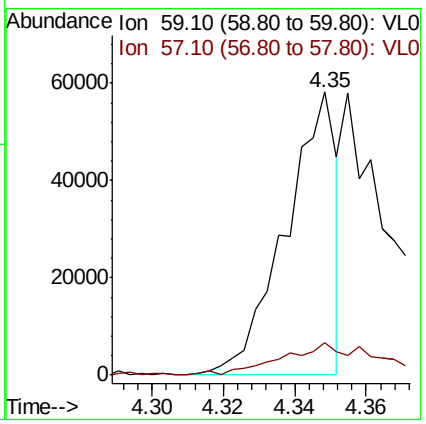


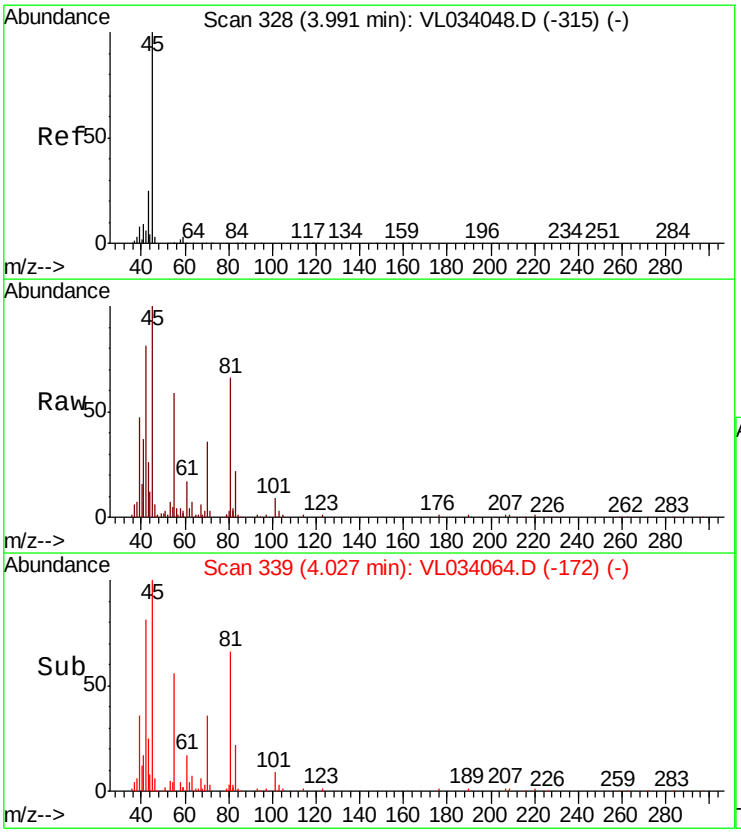
#17
tert-Butyl alcohol
Concen: 0.402 ppbv
RT: 4.35 min Scan# 439
Delta R.T. 0.03 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 59 Resp: 57642

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#

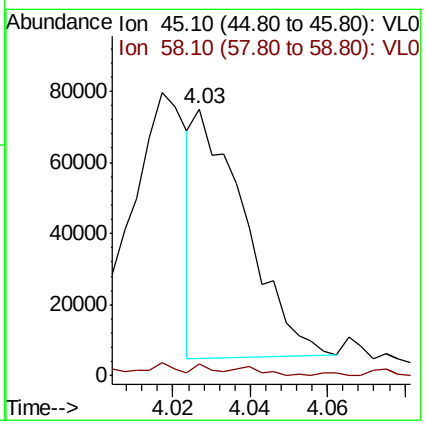


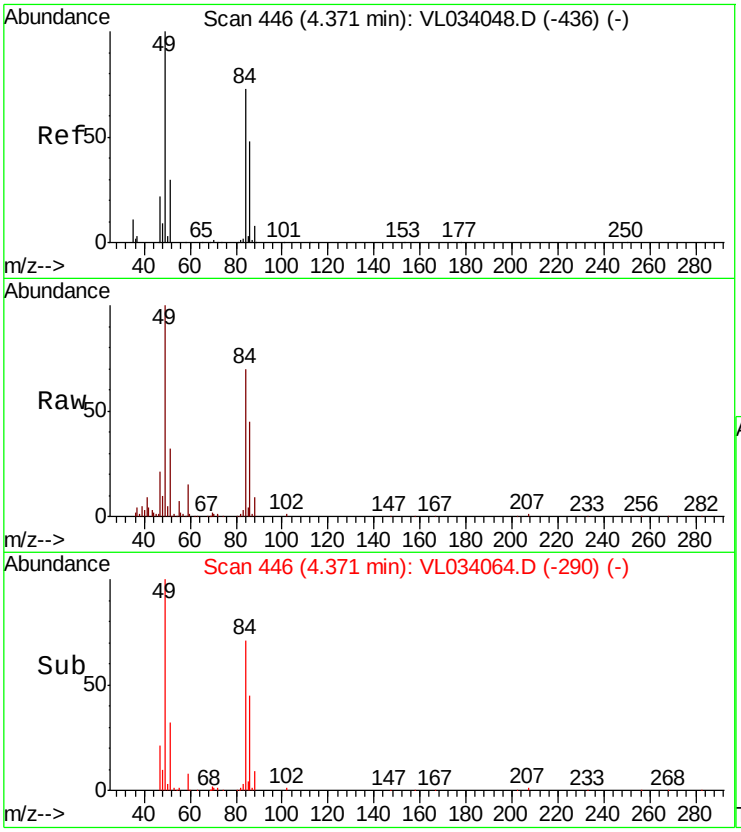


#19
Isopropyl Alcohol
Concen: 0.539 ppbv
RT: 4.03 min Scan# 339
Delta R.T. 0.04 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Tgt Ion: 45 Resp: 64238

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.8	2.6#



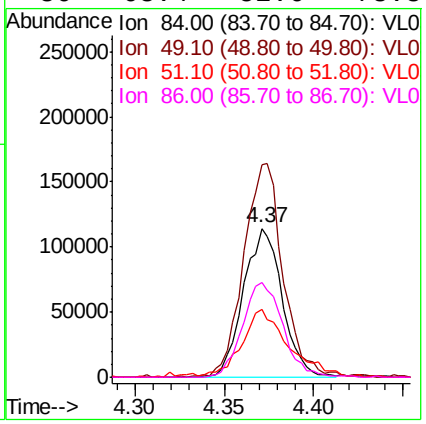


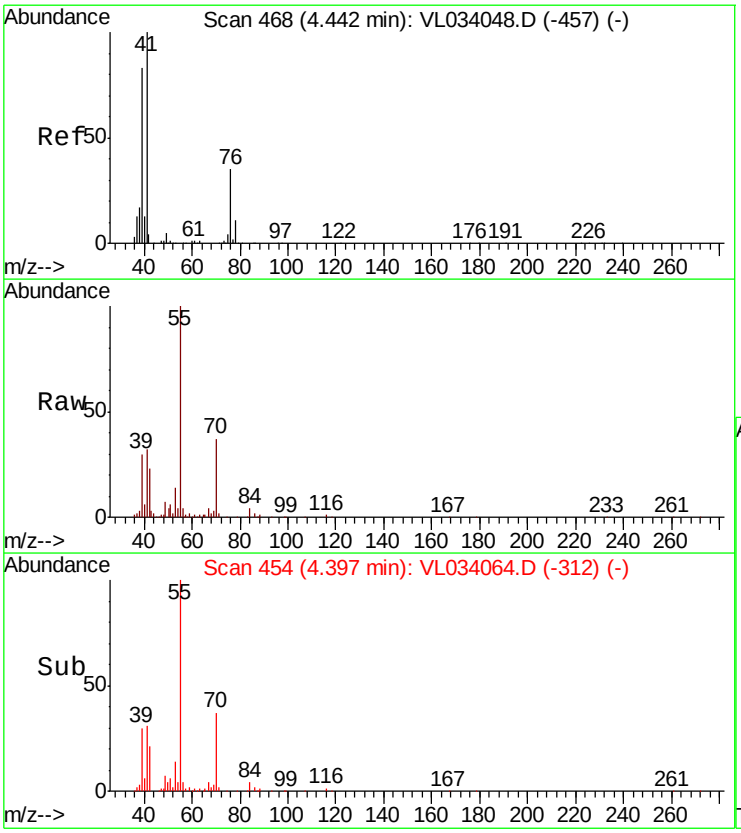
#20
Methylene Chloride
Concen: 2.598 ppbv
RT: 4.37 min Scan# 446
Delta R.T. 0.00 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 173294

Ion	Ratio	Lower	Upper
84	100		
49	142.0	109.6	164.4
51	43.7	33.4	50.2
86	63.4	52.6	78.8

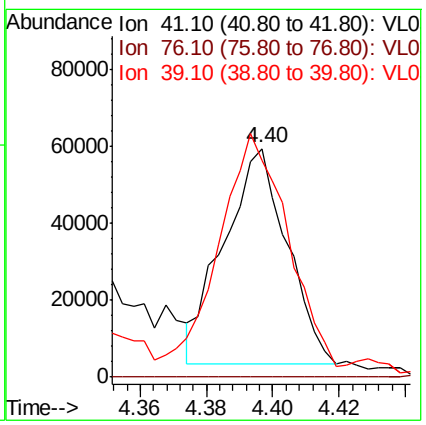


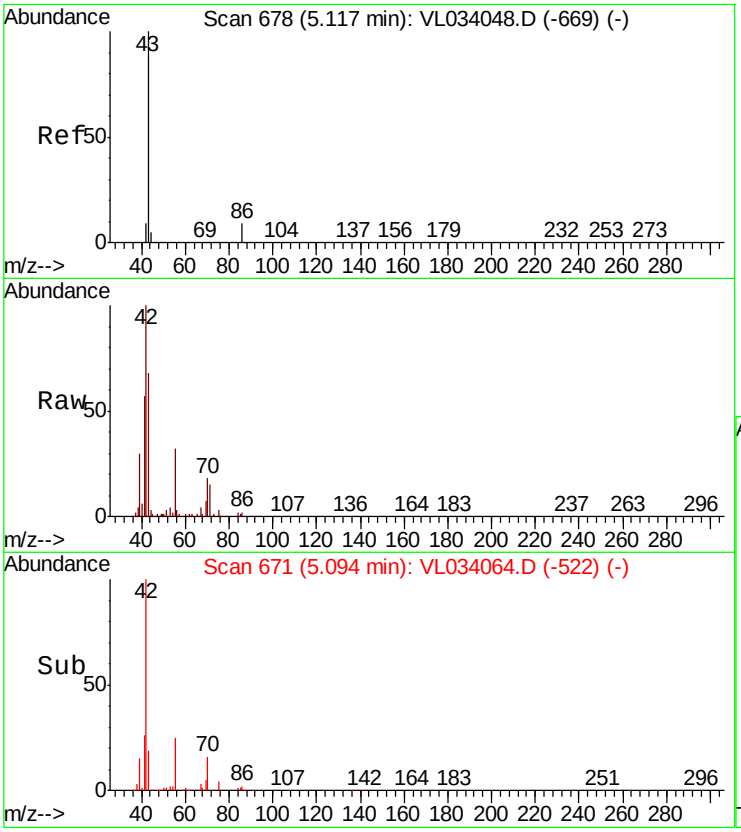


#21
Allyl Chloride
Concen: 0.670 ppbv
RT: 4.40 min Scan# 454
Delta R.T. -0.04 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Tgt Ion: 41 Resp: 73731

Ion	Ratio	Lower	Upper
41	100		
76	0.0	26.1	39.1#
39	135.1	65.0	97.6#



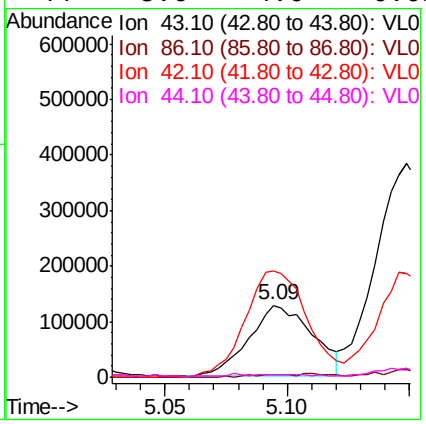


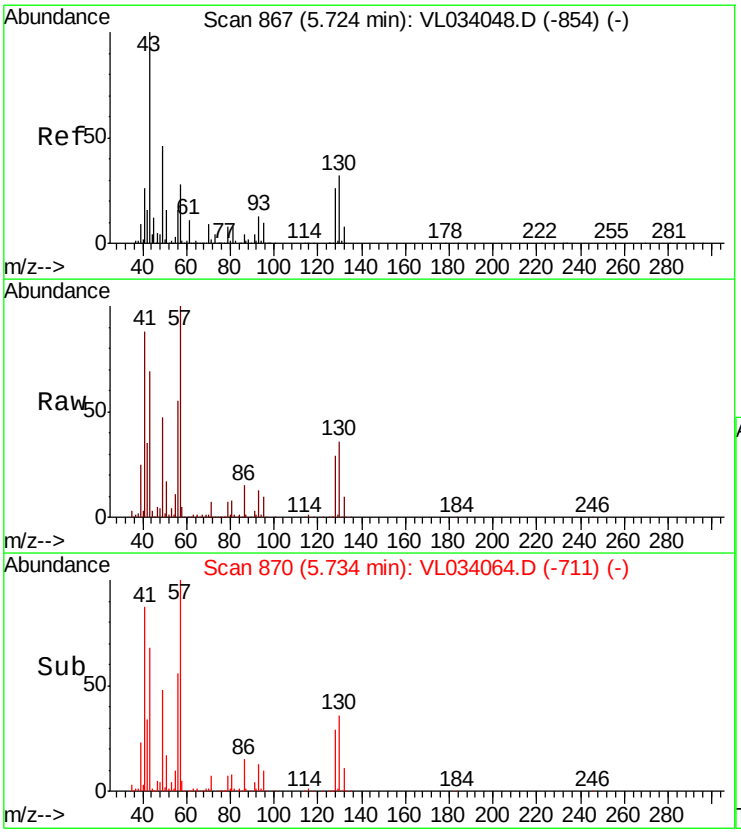
#23
Vinyl Acetate
Concen: 1.247 ppbv
RT: 5.09 min Scan# 671
Delta R.T. -0.02 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 232884

Ion	Ratio	Lower	Upper
43	100		
86	3.1	6.5	9.7#
42	148.3	8.3	12.5#
44	3.6	4.0	6.0#

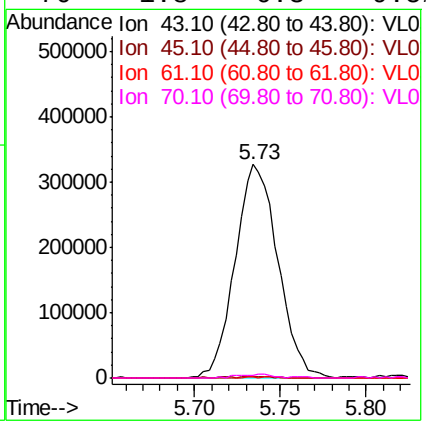


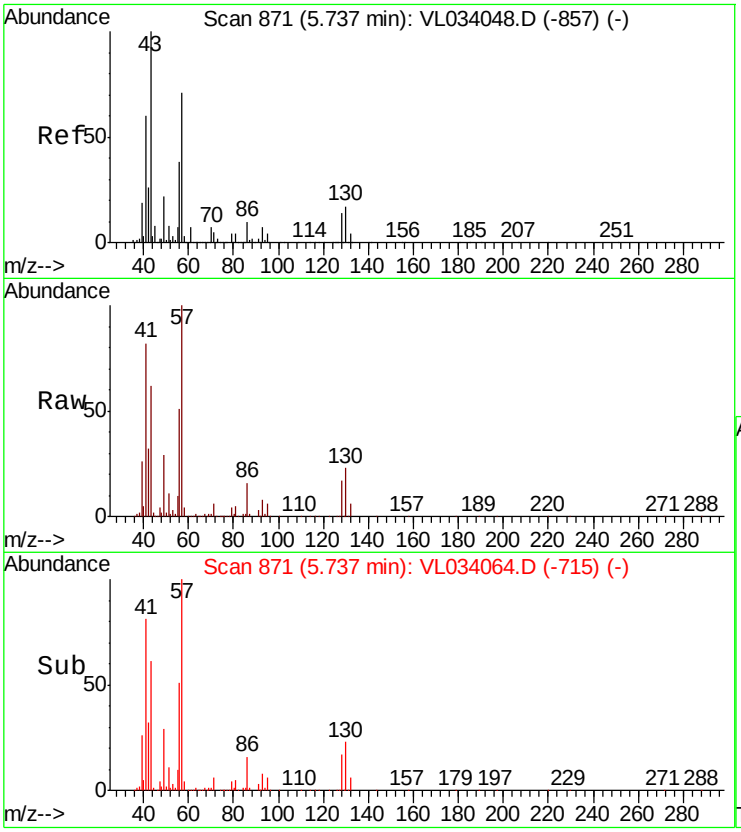


#25
Ethyl Acetate
Concen: 2.176 ppbv
RT: 5.73 min Scan# 870
Delta R.T. 0.01 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Tgt Ion: 43 Resp: 564139

Ion	Ratio	Lower	Upper
43	100		
45	0.9	8.1	12.1#
61	0.3	8.1	12.1#
70	1.8	6.3	9.5#



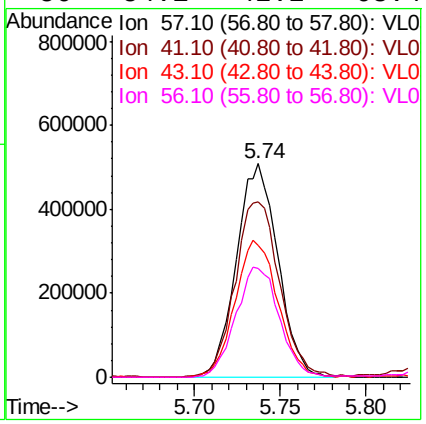


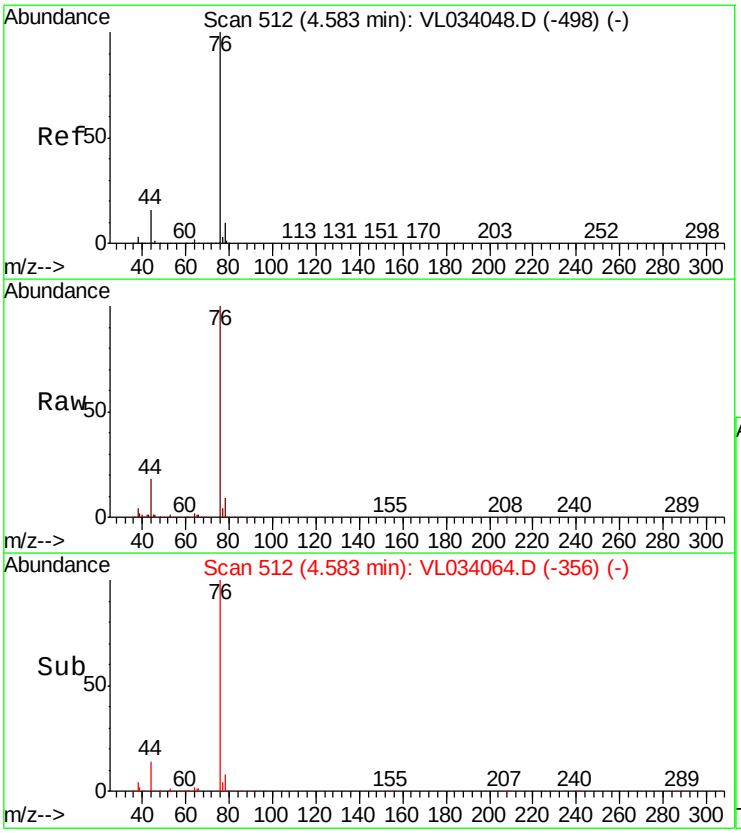
#26
Hexane
Concen: 7.287 ppbv
RT: 5.74 min Scan# 871
Delta R.T. 0.00 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 854554

Ion	Ratio	Lower	Upper
57	100		
41	88.4	69.0	103.6
43	66.4	176.6	264.8#
56	54.1	42.2	63.4

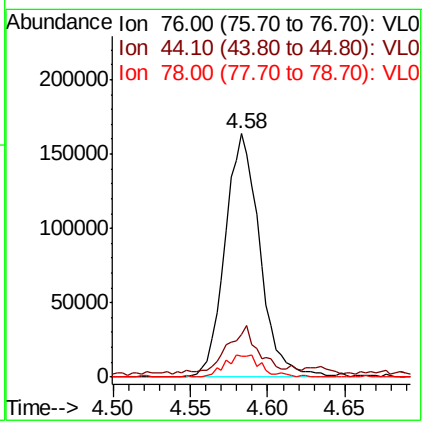


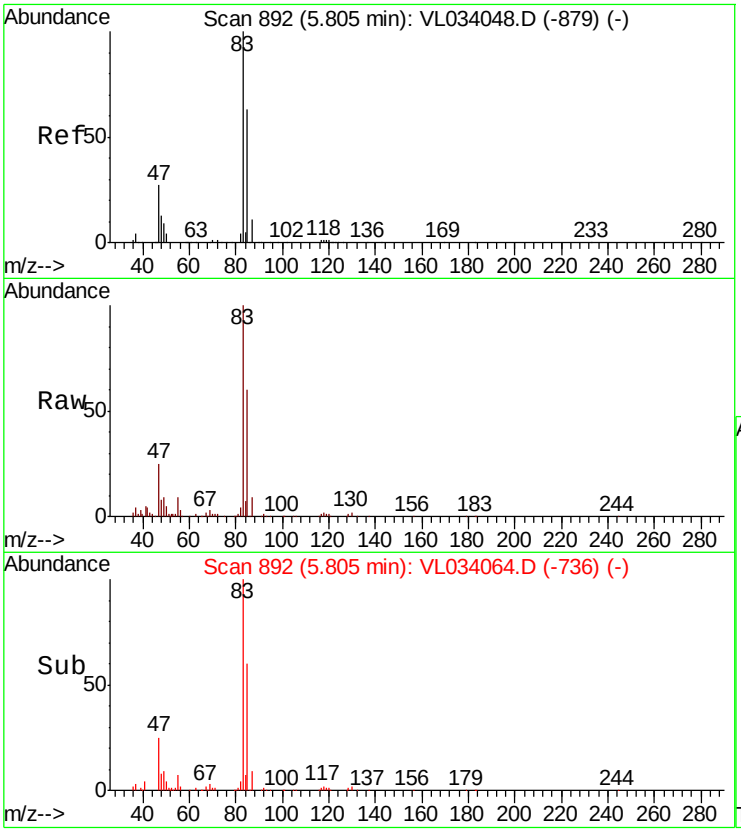


#27
Carbon Disulfide
Concen: 1.394 ppbv
RT: 4.58 min Scan# 512
Delta R.T. 0.00 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Tgt Ion: 76 Resp: 254528

Ion	Ratio	Lower	Upper
76	100		
44	22.9	13.0	19.4#
78	9.6	7.7	11.5



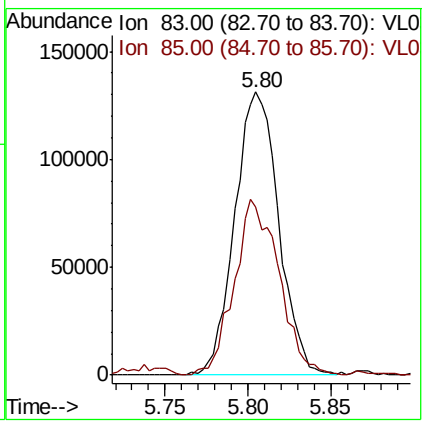


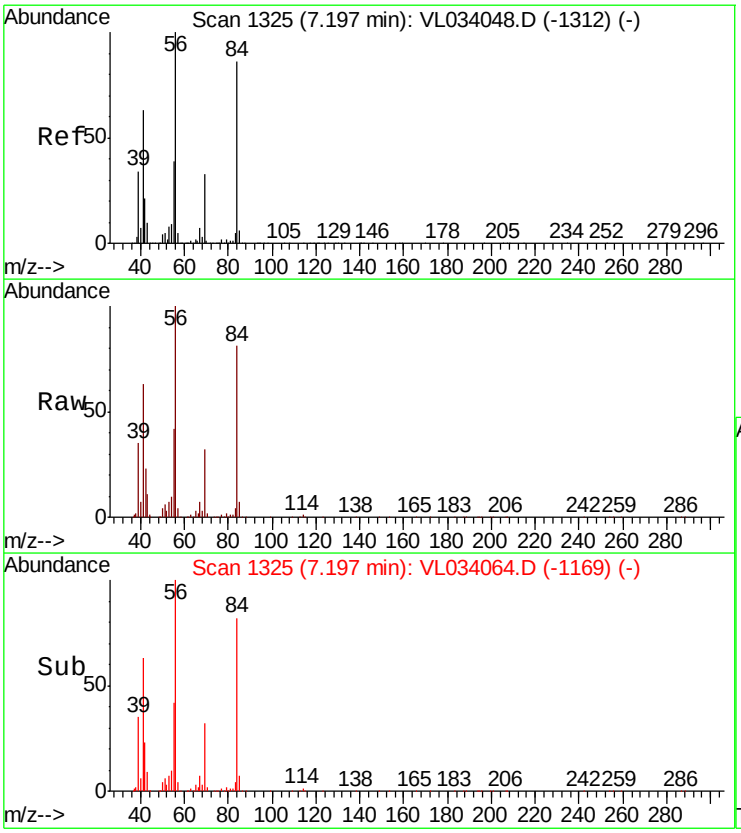
#29
Chloroform
Concen: 1.130 ppbv
RT: 5.80 min Scan# 892
Delta R.T. 0.00 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 241994

Ion	Ratio	Lower	Upper
83	100		
85	59.6	50.2	75.4

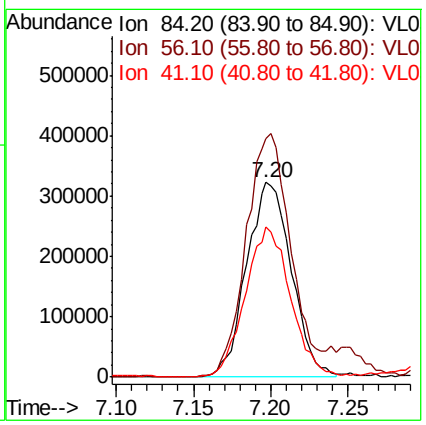


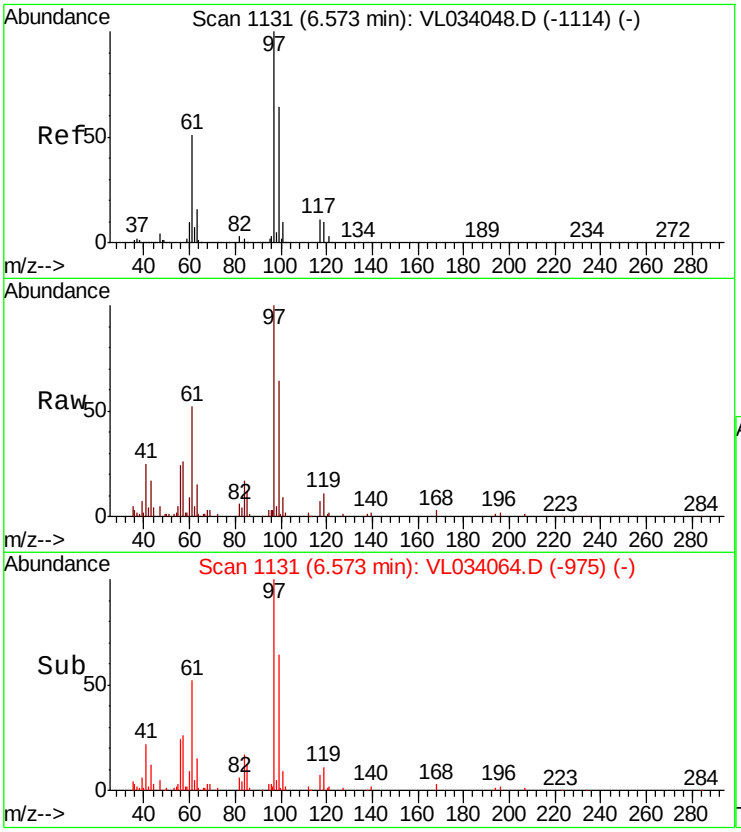


#30
Cyclohexane
Concen: 5.456 ppbv
RT: 7.20 min Scan# 1325
Delta R.T. 0.00 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Tgt Ion: 84 Resp: 650060

Ion	Ratio	Lower	Upper
84	100		
56	137.3	101.7	152.5
41	77.4	59.4	89.0



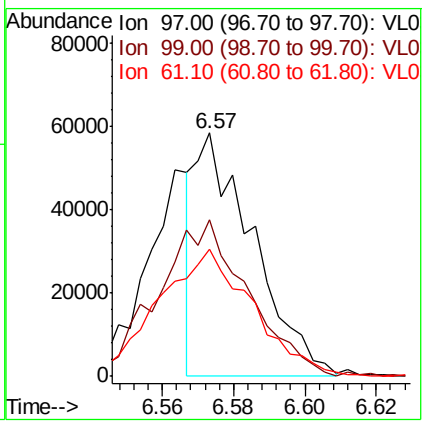


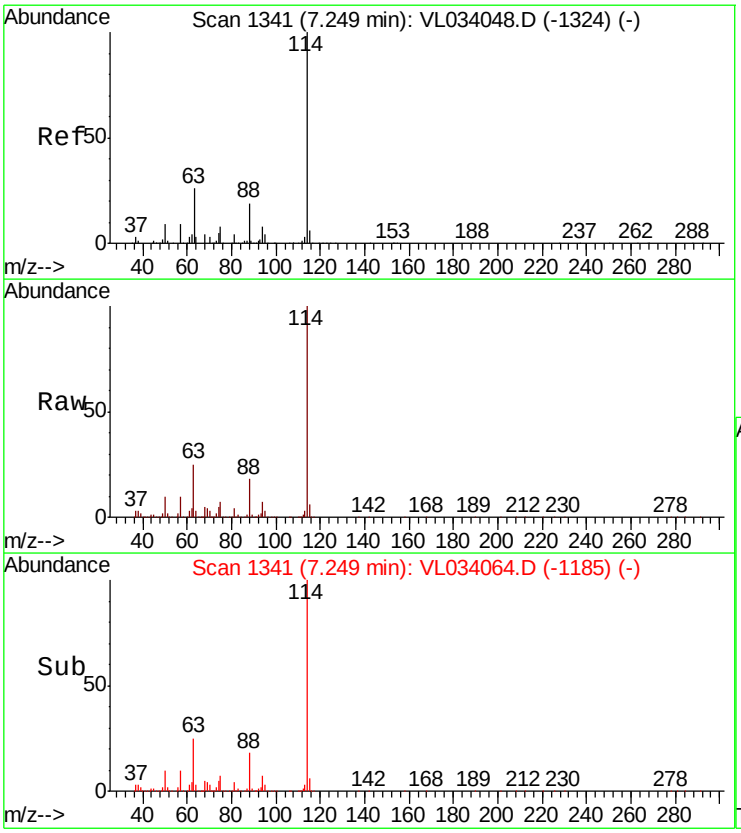
#32
1,1,1-Trichloroethane
Concen: 0.290 ppbv
RT: 6.57 min Scan# 1131
Delta R.T. 0.00 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 97 Resp: 65277

Ion	Ratio	Lower	Upper
97	100		
99	102.0	51.0	76.6#
61	87.3	39.5	59.3#

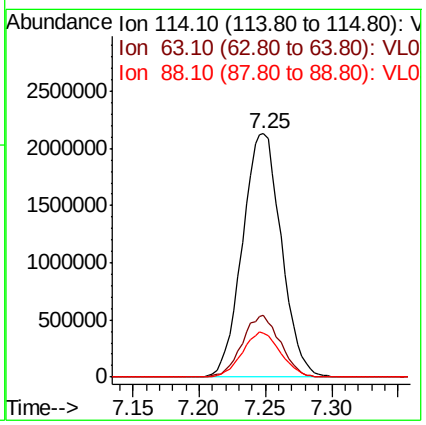


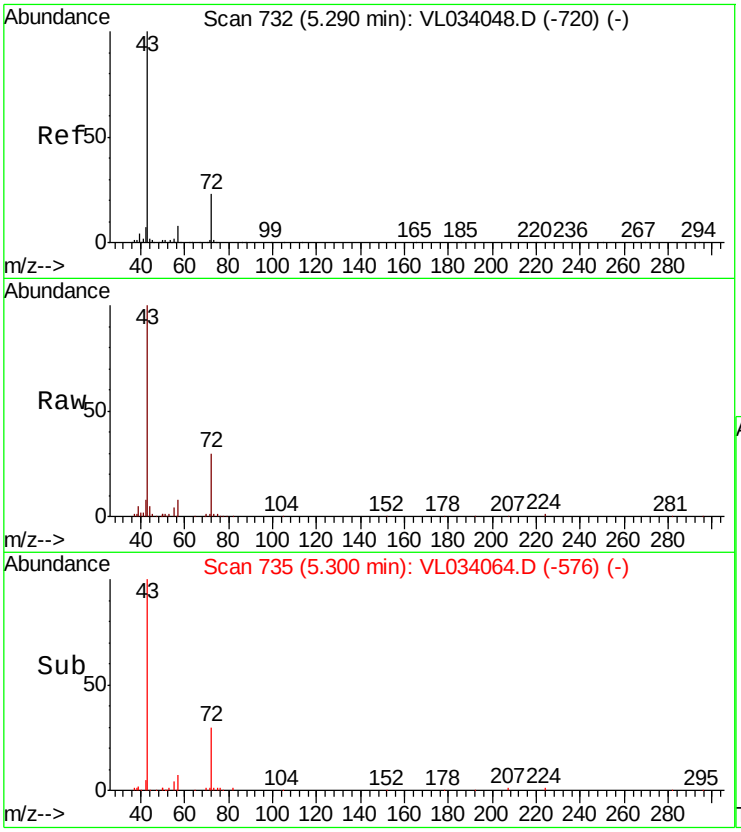


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.25 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Tgt Ion:114 Resp: 4324402

Ion	Ratio	Lower	Upper
114	100		
63	25.1	21.0	31.6
88	18.2	14.7	22.1

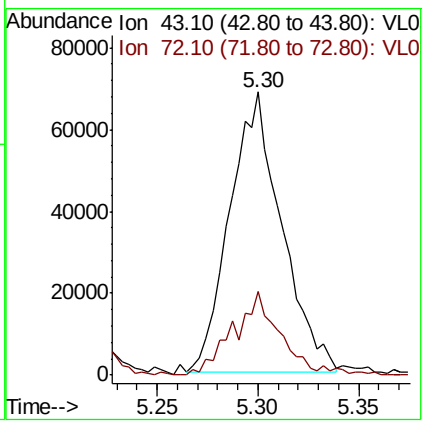




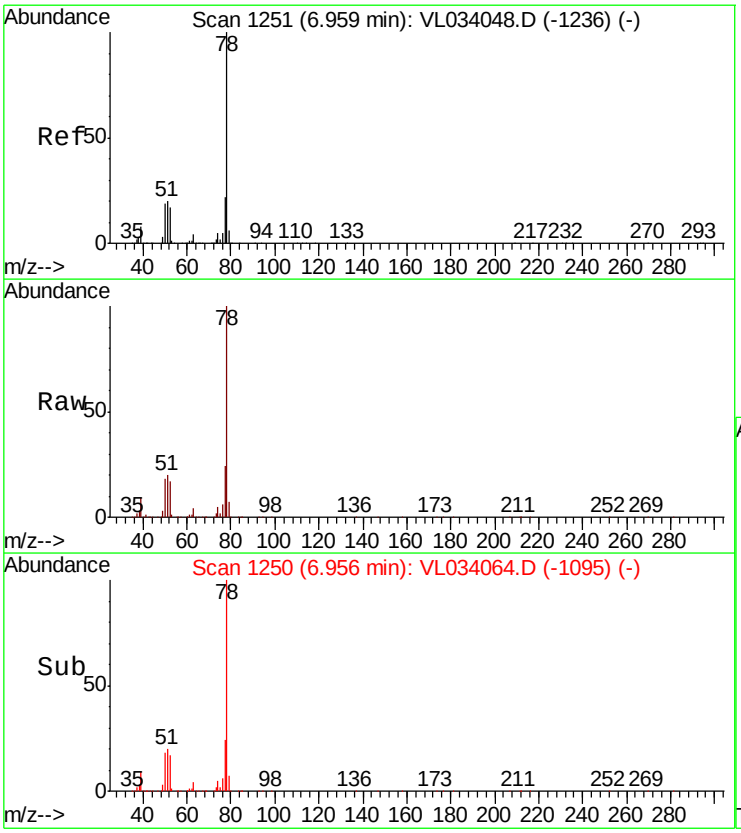
#34
2-Butanone
Concen: 0.690 ppbv
RT: 5.30 min Scan# 735
Delta R.T. 0.01 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Tgt Ion: 43 Resp: 122768

Ion	Ratio	Lower	Upper
43	100		
72	27.4	20.2	30.4



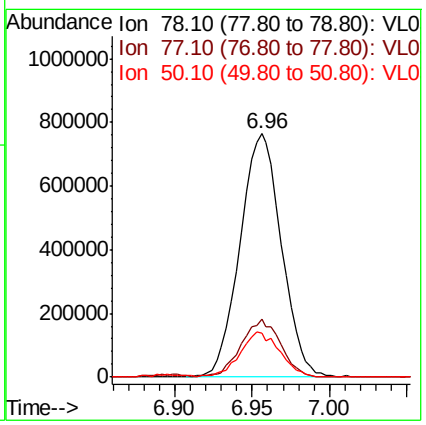
Instrument :
MSVOA_L
ClientSampleId :

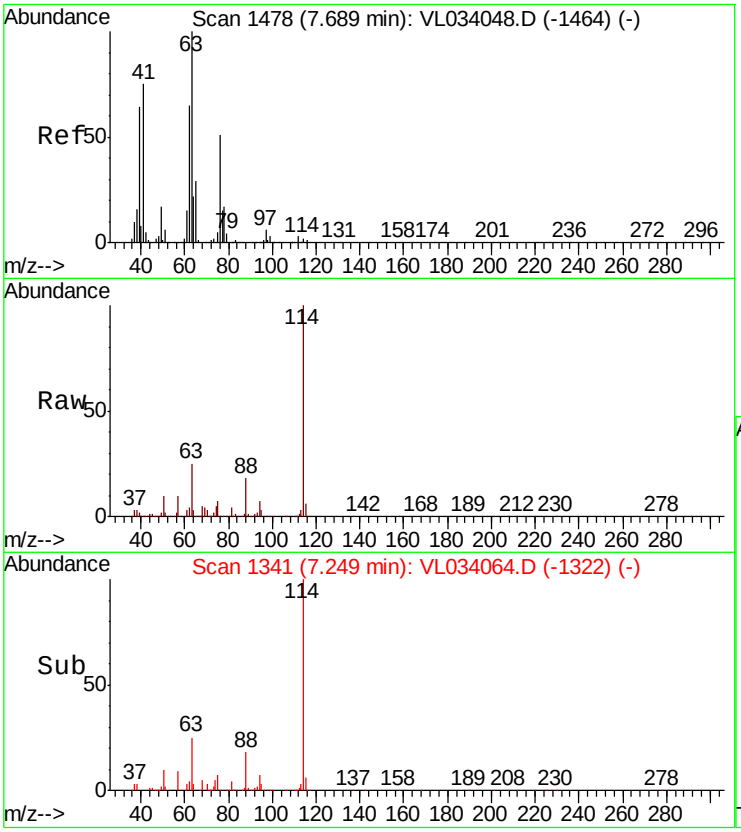


#36
Benzene
Concen: 4.935 ppbv
RT: 6.96 min Scan# 1250
Delta R.T. -0.00 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Tgt Ion: 78 Resp: 1420762

Ion	Ratio	Lower	Upper
78	100		
77	23.6	17.9	26.9
50	17.9	14.9	22.3



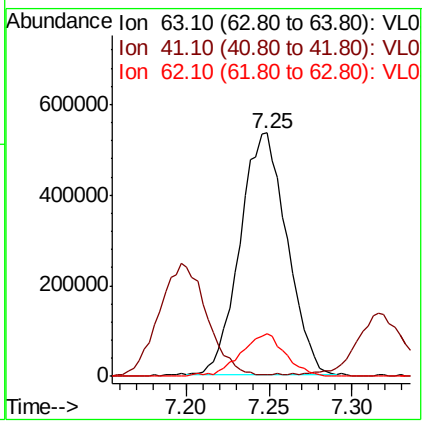


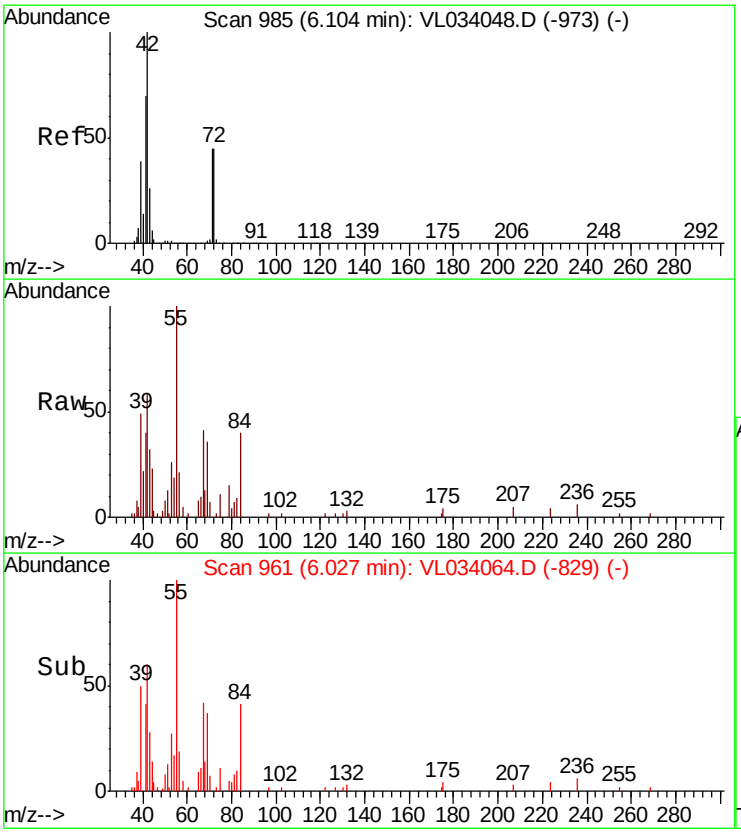
#39
1,2-Dichloropropane
Concen: 9.055 ppbv
RT: 7.25 min Scan# 1341
Delta R.T. -0.44 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 1057781

Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.8	89.8#
62	17.4	52.2	78.2#

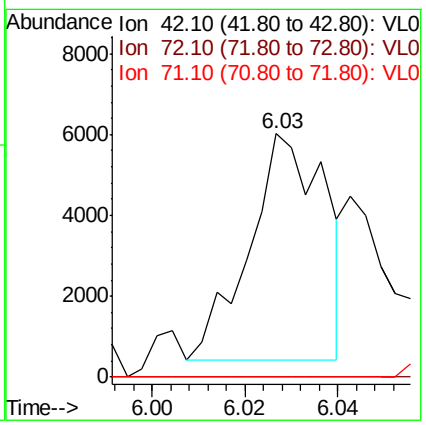


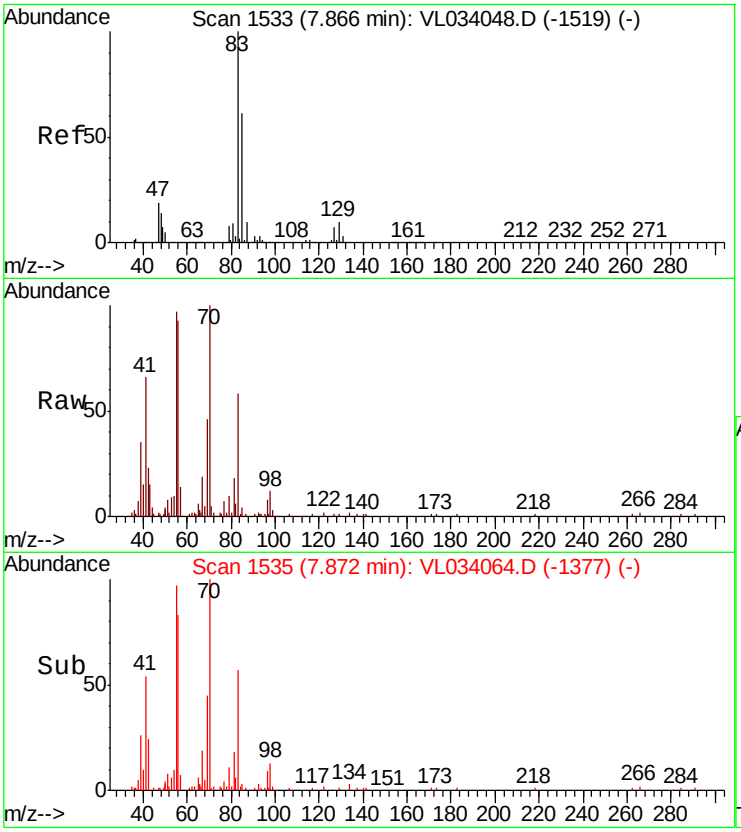


#41
Tetrahydrofuran
Concen: 0.070 ppbv
RT: 6.03 min Scan# 961
Delta R.T. -0.08 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Tgt Ion: 42 Resp: 6342

Ion	Ratio	Lower	Upper
42	100		
72	65.6	36.9	55.3#
71	48.5	36.6	54.8



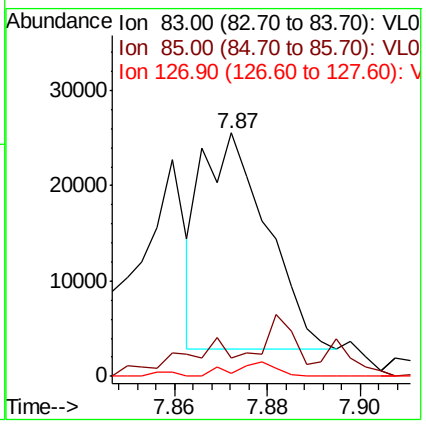


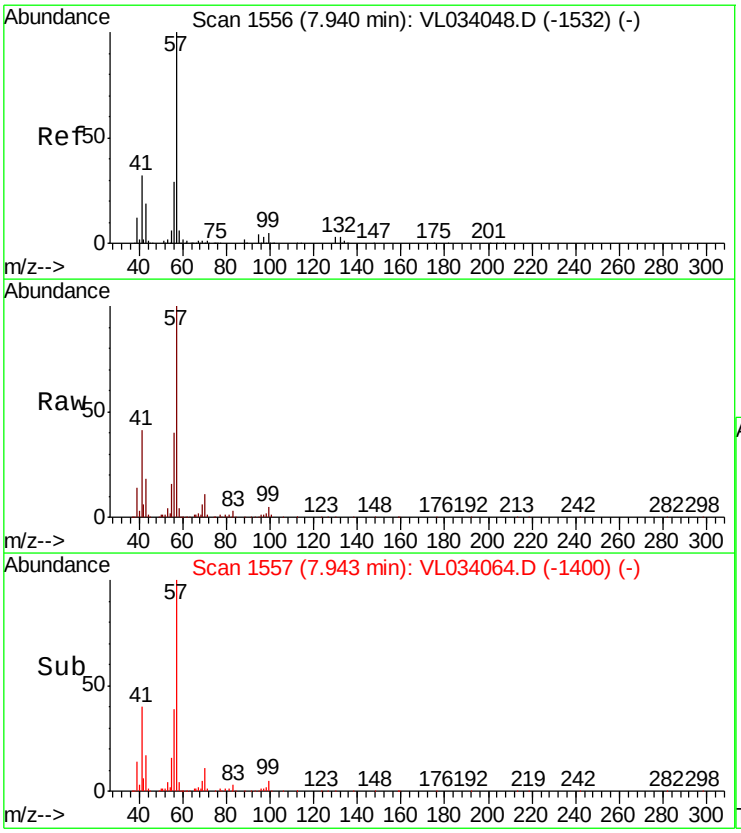
#42
Bromodichloromethane
Concen: 0.080 ppbv
RT: 7.87 min Scan# 1535
Delta R.T. 0.01 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 21986

Ion	Ratio	Lower	Upper
83	100		
85	0.0	48.6	73.0#
127	1.4	5.5	8.3#

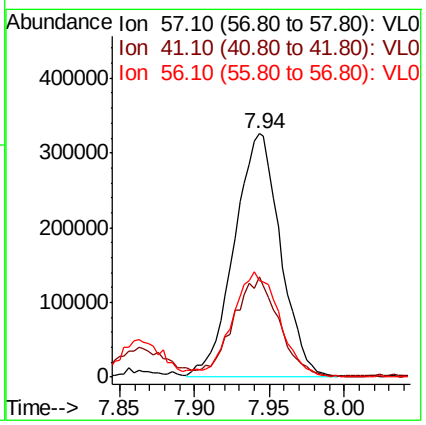


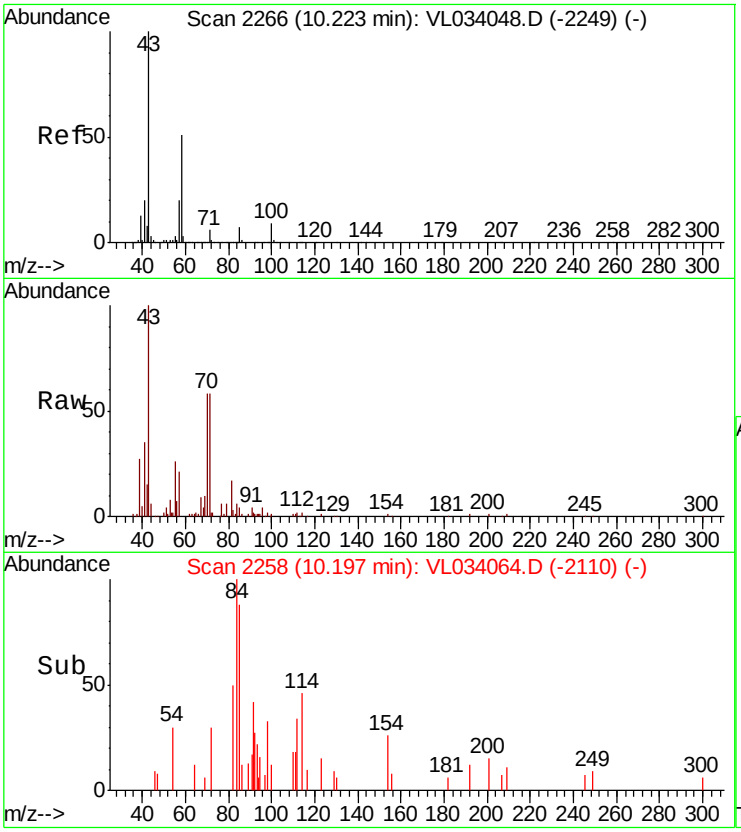


#44
2,2,4-Trimethylpentane
Concen: 1.455 ppbv
RT: 7.94 min Scan# 1557
Delta R.T. 0.00 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Tgt Ion: 57 Resp: 695480

Ion	Ratio	Lower	Upper
57	100		
41	40.6	26.2	39.2#
56	44.9	24.2	36.2#



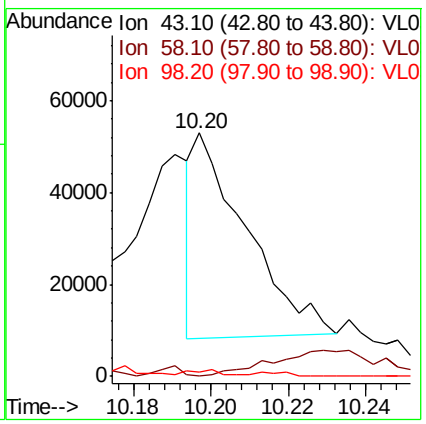


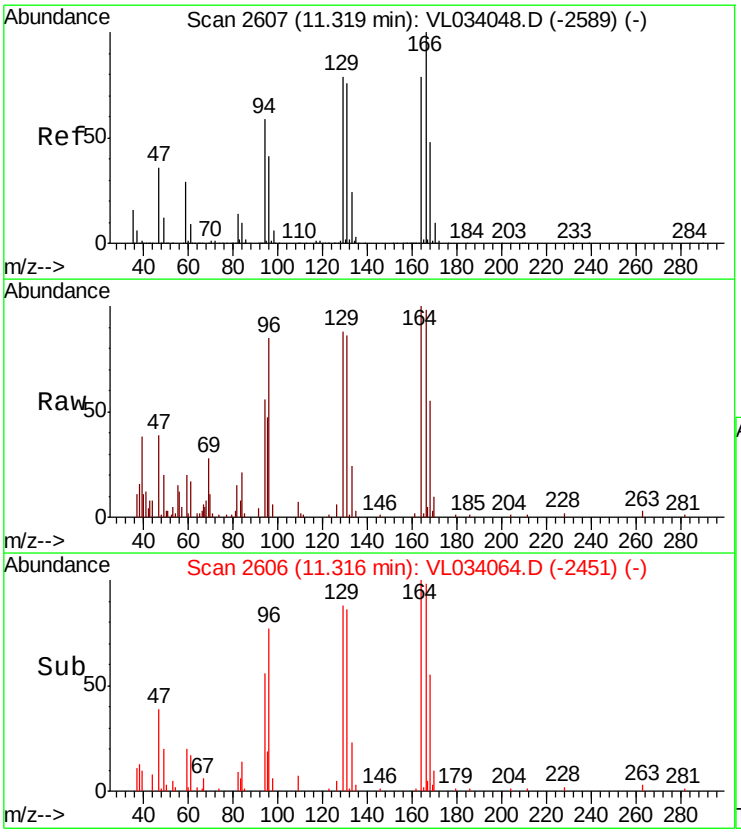
#51
2-Hexanone
Concen: 0.189 ppbv
RT: 10.20 min Scan# 2258
Delta R.T. -0.03 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 41535

Ion	Ratio	Lower	Upper
43	100		
58	32.9	40.2	60.2#
98	0.0	0.4	0.6#

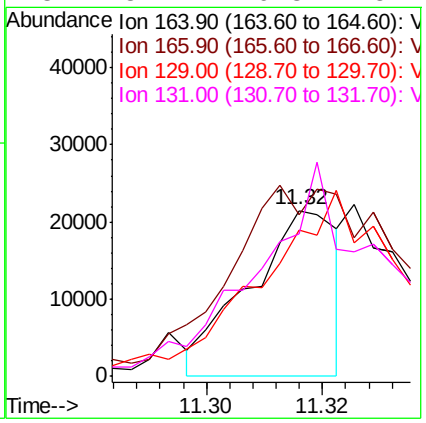


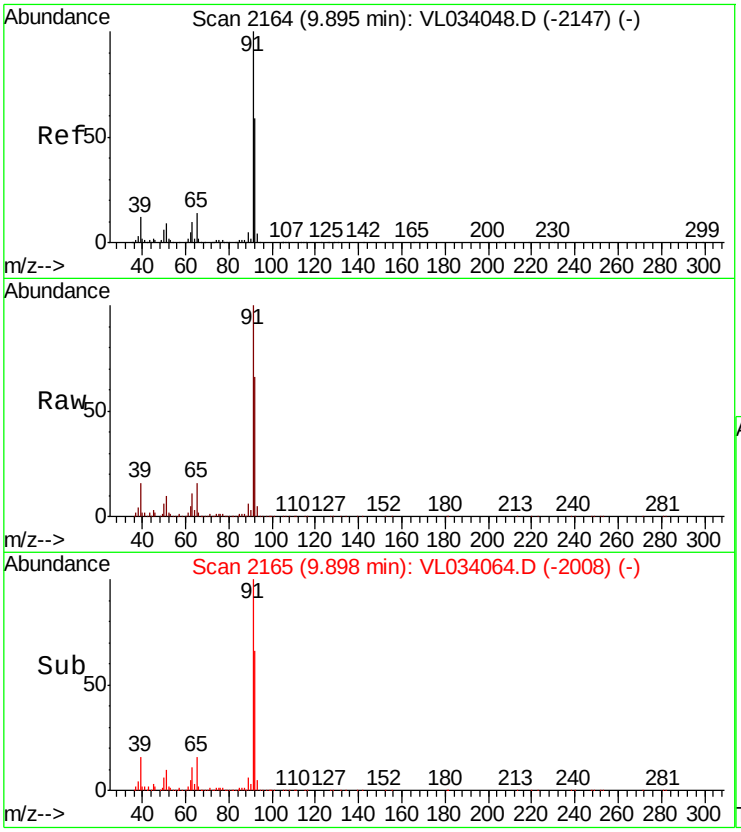


#52
Tetrachloroethene
Concen: 0.200 ppbv
RT: 11.32 min Scan# 2606
Delta R.T. -0.00 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Tgt Ion:164 Resp: 22546

Ion	Ratio	Lower	Upper
164	100		
166	78.9	101.6	152.4#
129	85.1	80.7	121.1
131	81.1	76.8	115.2



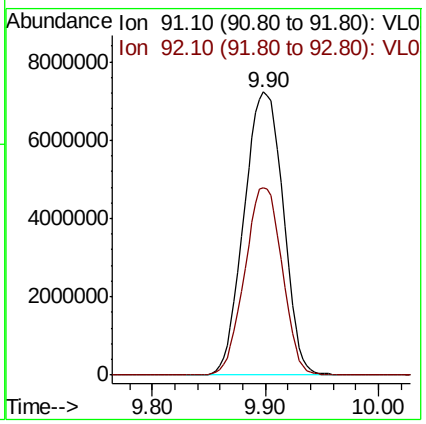


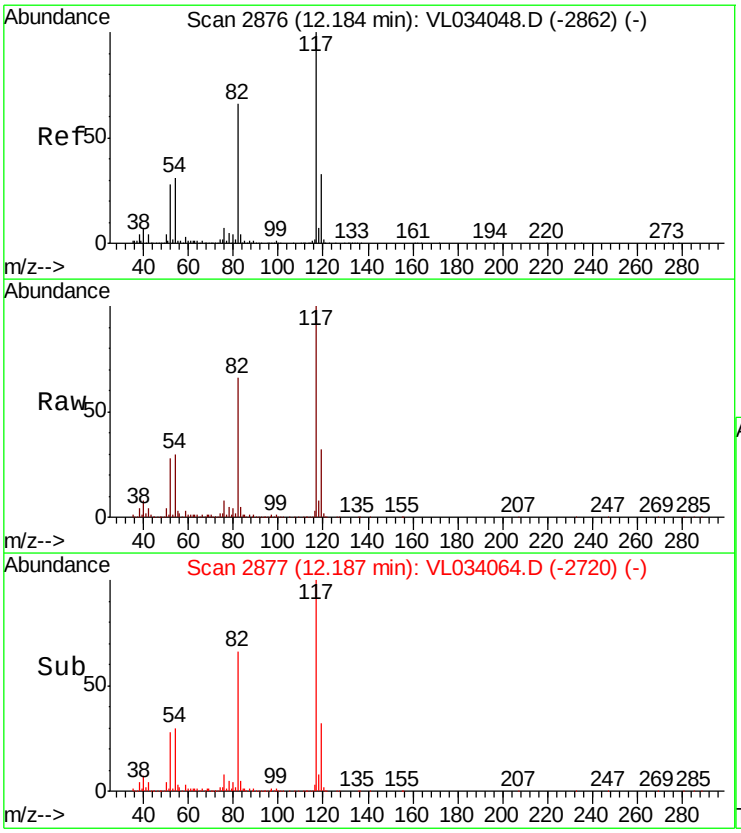
#53
Toluene
Concen: 57.990 ppbv
RT: 9.90 min Scan# 2165
Delta R.T. 0.00 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp:17417959

Ion	Ratio	Lower	Upper
91	100		
92	63.5	47.4	71.2

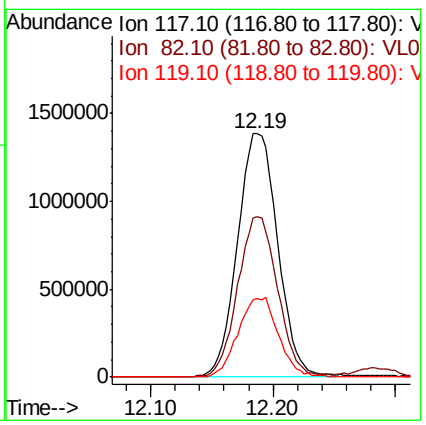


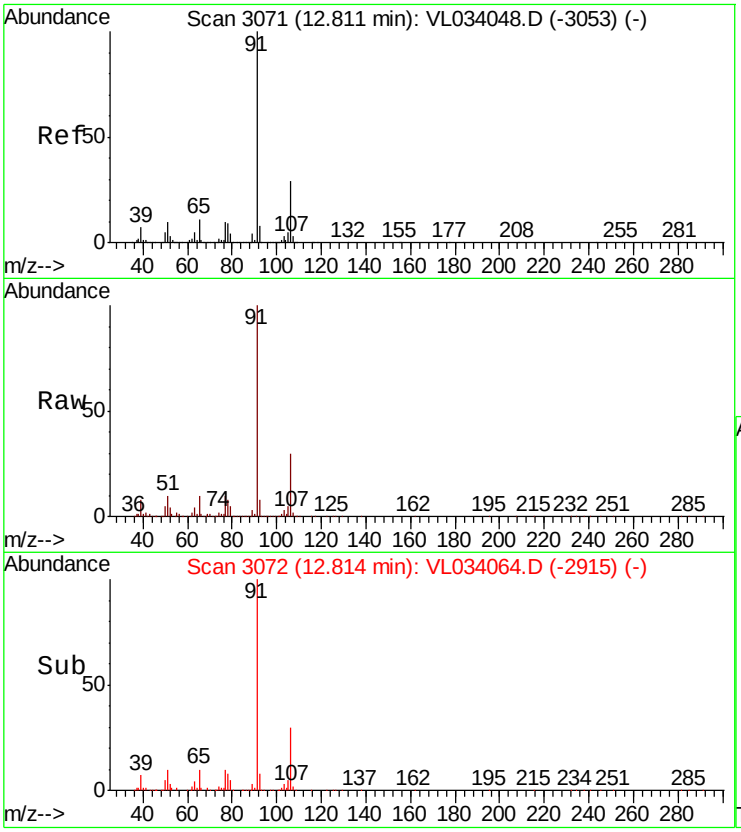


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.19 min Scan# 2877
Delta R.T. 0.00 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Tgt Ion:117 Resp: 3163049

Ion	Ratio	Lower	Upper
117	100		
82	65.2	49.8	74.8
119	32.8	43.0	64.6#



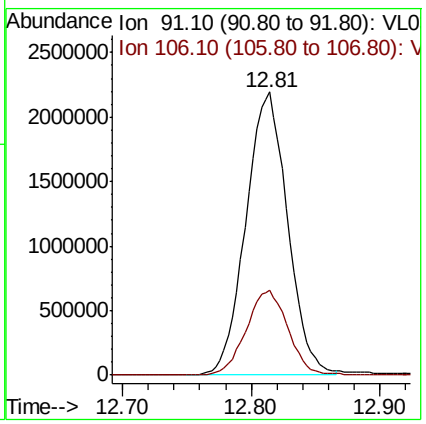


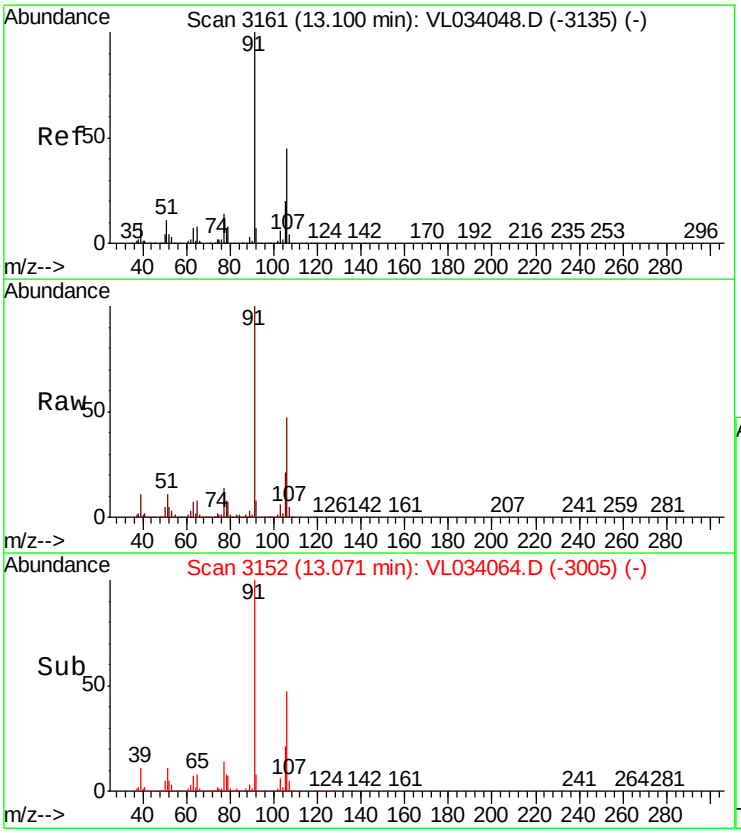
#58
Ethyl Benzene
Concen: 13.166 ppbv
RT: 12.81 min Scan# 3072
Delta R.T. 0.00 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 4928467

Ion	Ratio	Lower	Upper
91	100		
106	30.2	23.5	35.3

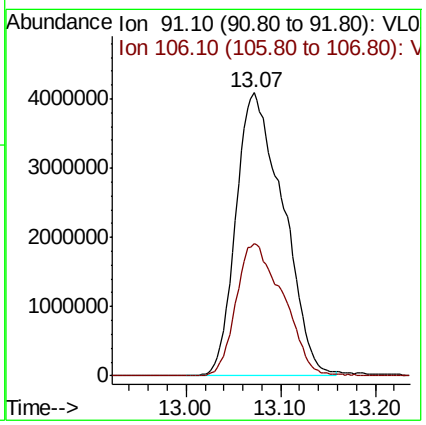


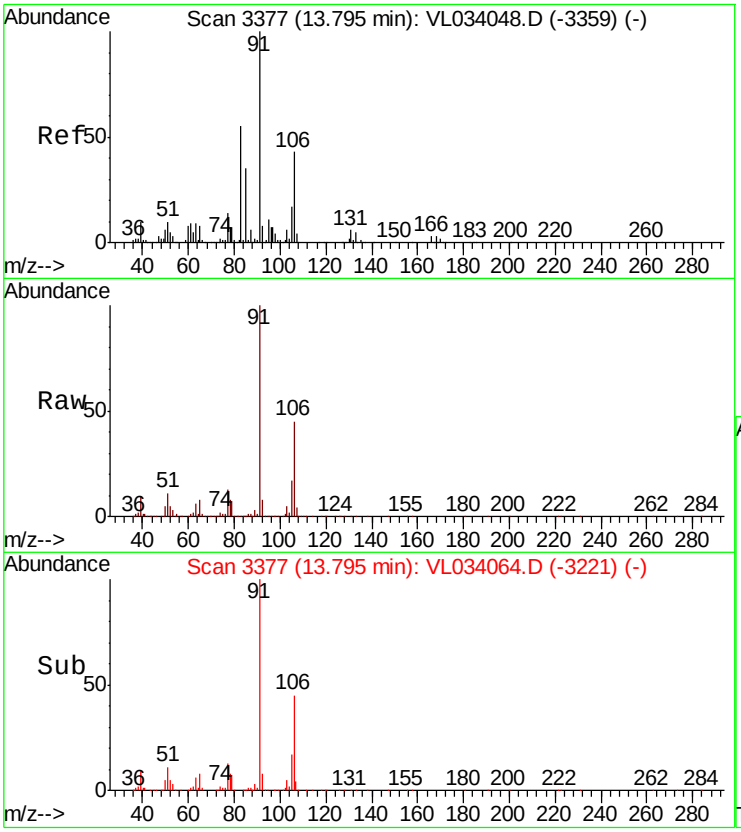


#59
m/p-Xylene
Concen: 41.500 ppbv
RT: 13.07 min Scan# 3152
Delta R.T. -0.03 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Tgt Ion: 91 Resp:14121824

Ion	Ratio	Lower	Upper
91	100		
106	47.1	35.1	52.7



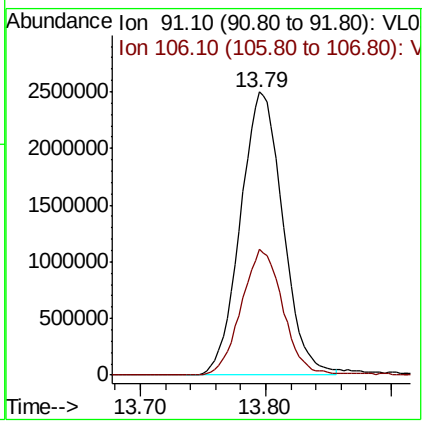


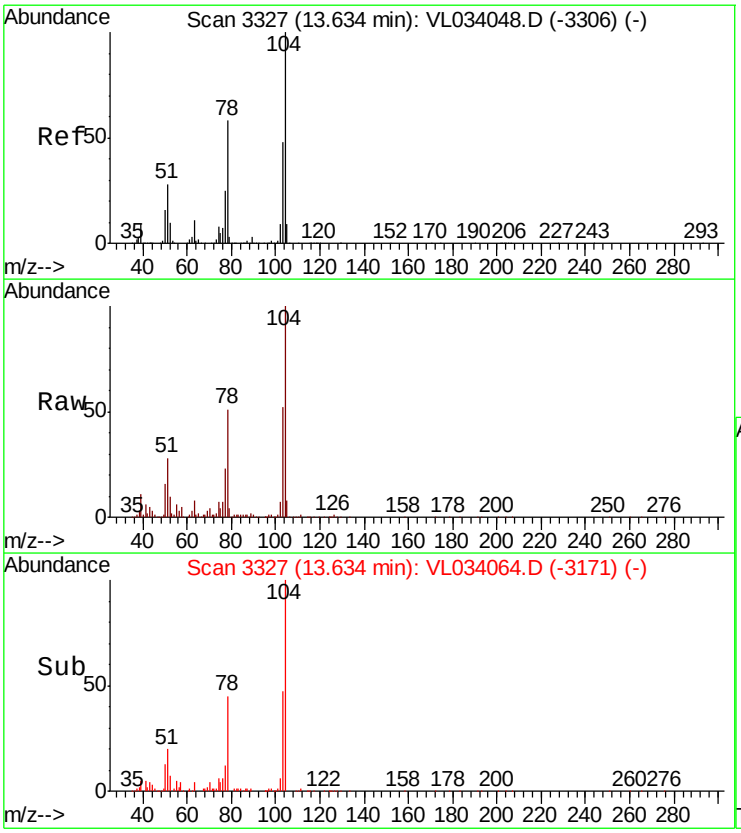
#60
o-Xylene
Concen: 17.382 ppbv
RT: 13.79 min Scan# 3377
Delta R.T. 0.00 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 5878997

Ion	Ratio	Lower	Upper
91	100		
106	44.3	21.2	63.6

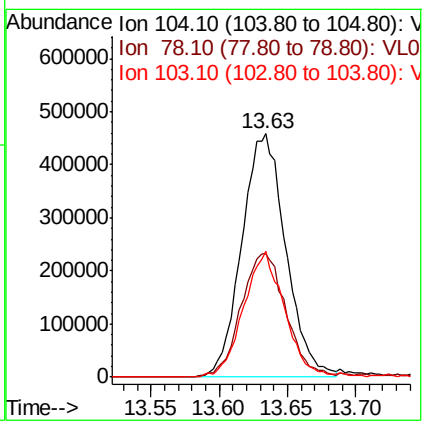


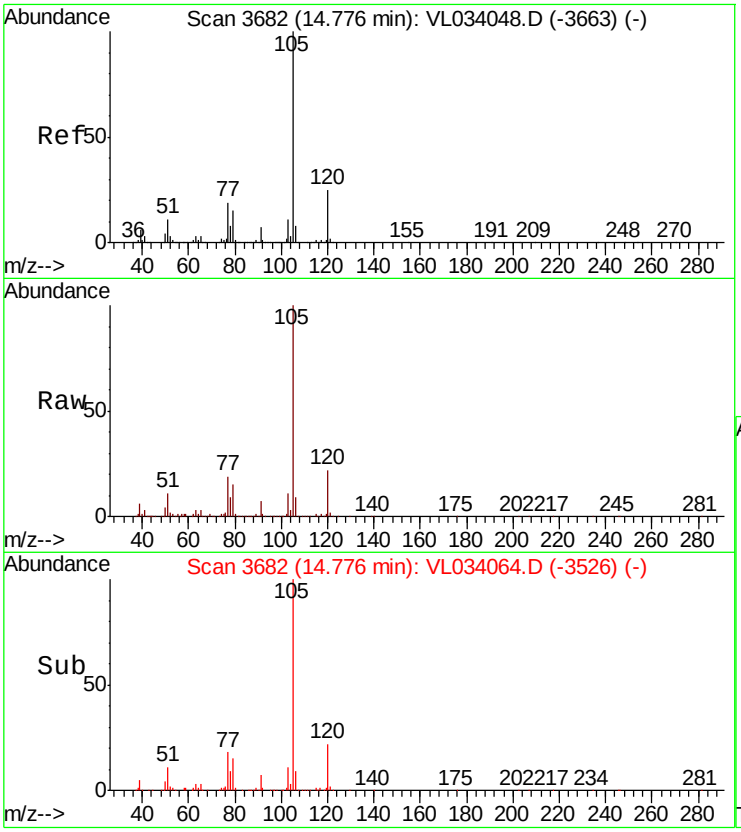


#61
Styrene
Concen: 4.590 ppbv
RT: 13.63 min Scan# 3327
Delta R.T. 0.00 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Tgt Ion:104 Resp: 1025057

Ion	Ratio	Lower	Upper
104	100		
78	53.1	44.3	66.5
103	48.9	38.8	58.2



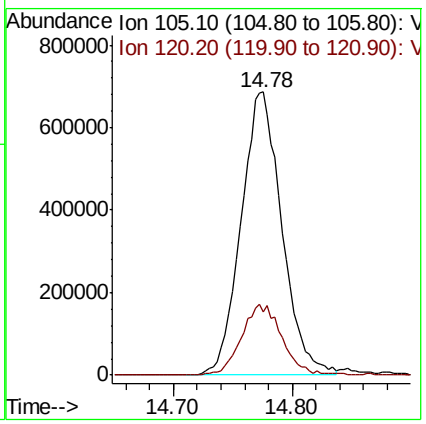


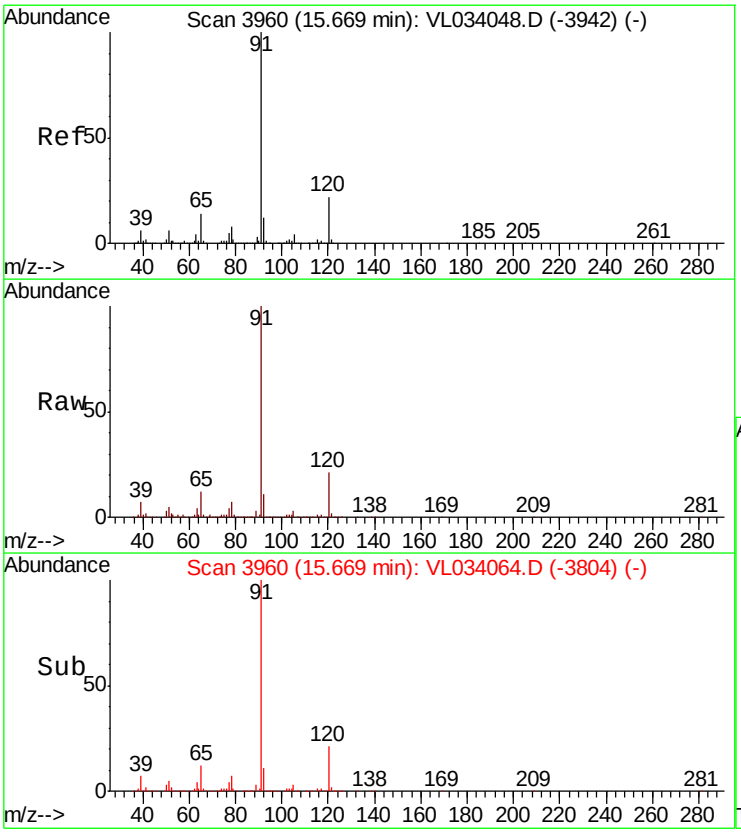
#62
Isopropylbenzene
Concen: 3.583 ppbv
RT: 14.78 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 1623578

Ion	Ratio	Lower	Upper
105	100		
120	25.2	20.2	30.2

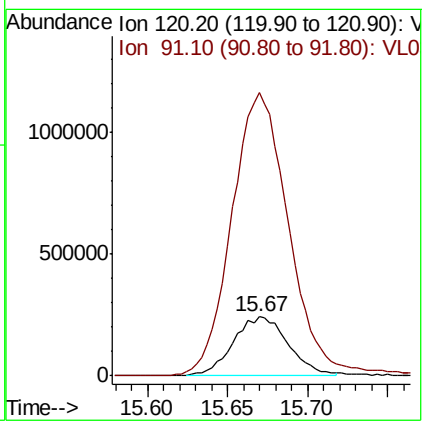


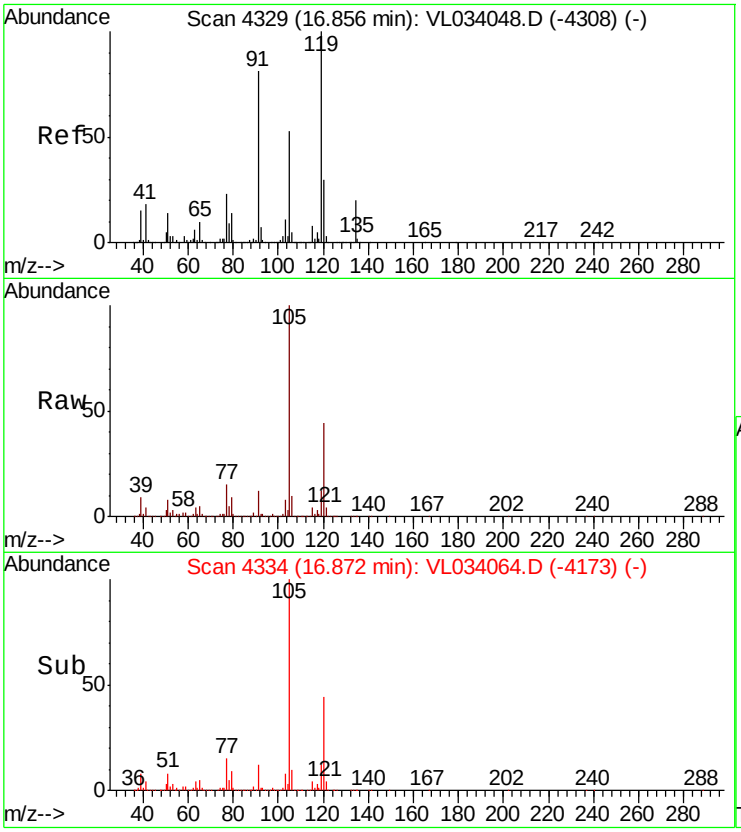


#64
n-propylbenzene
Concen: 4.778 ppbv
RT: 15.67 min Scan# 3960
Delta R.T. 0.00 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Tgt Ion:120 Resp: 560681

Ion	Ratio	Lower	Upper
120	100		
91	507.9	386.2	579.2



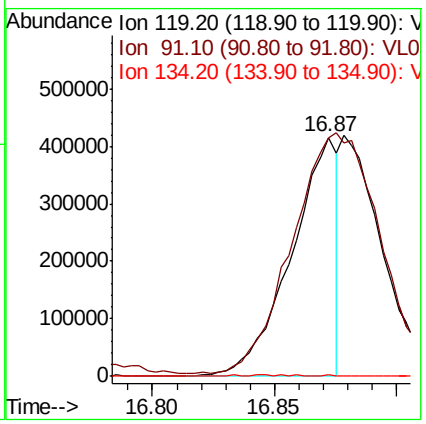


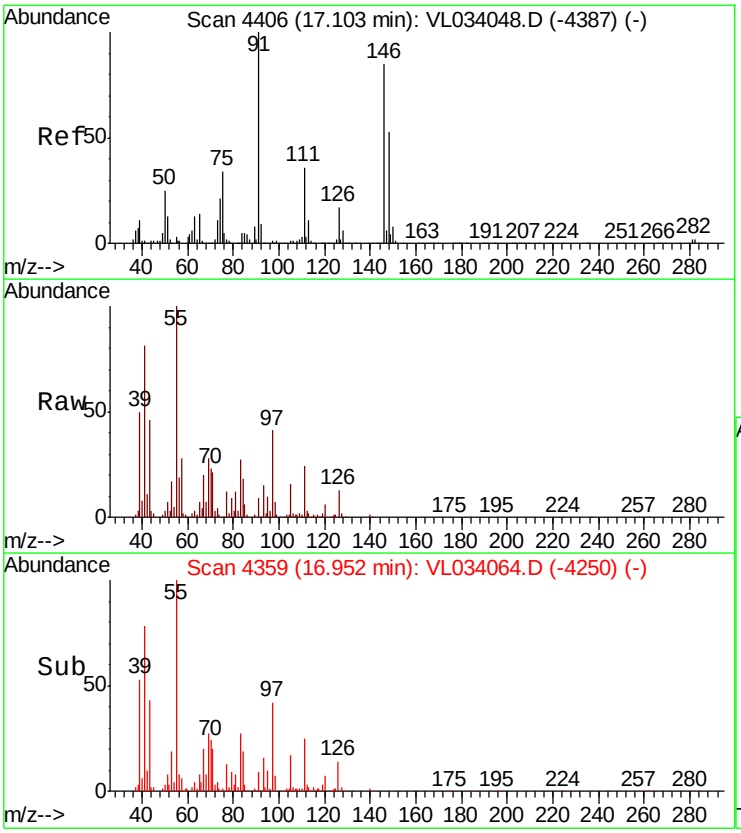
#65
tert-Butylbenzene
Concen: 1.285 ppbv
RT: 16.87 min Scan# 4334
Delta R.T. 0.02 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:119 Resp: 536933

Ion	Ratio	Lower	Upper
119	100		
91	0.0	66.9	100.3#
134	1.2	15.5	23.3#

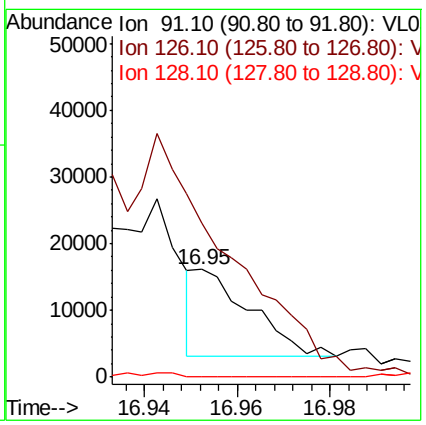


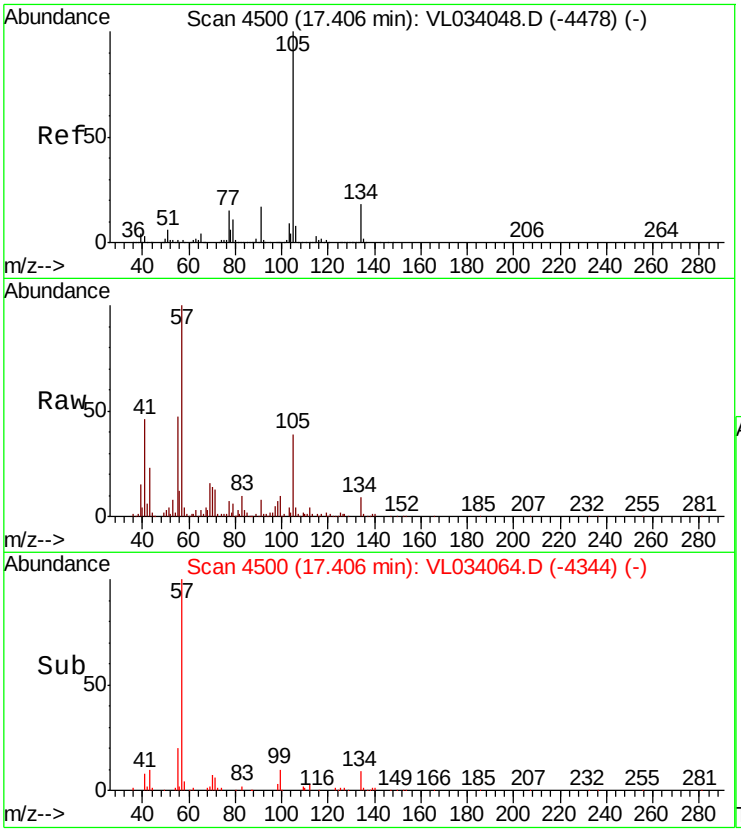


#66
Benzyl Chloride
Concen: 0.051 ppbv
RT: 16.95 min Scan# 4359
Delta R.T. -0.15 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Tgt Ion: 91 Resp: 10720

Ion	Ratio	Lower	Upper
91	100		
126	748.3	13.5	20.3#
128	9.3	4.5	6.7#



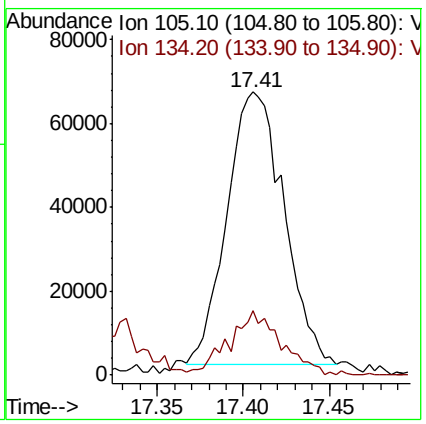


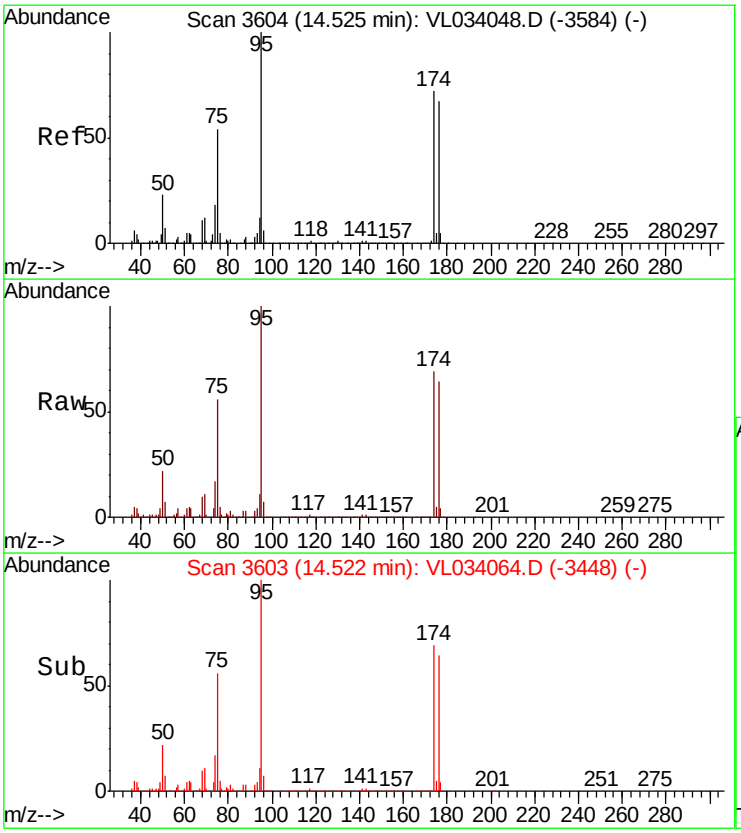
#67
sec-Butylbenzene
Concen: 0.251 ppbv
RT: 17.41 min Scan# 4500
Delta R.T. 0.00 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 149196

Ion	Ratio	Lower	Upper
105	100		
134	21.6	14.3	21.5#

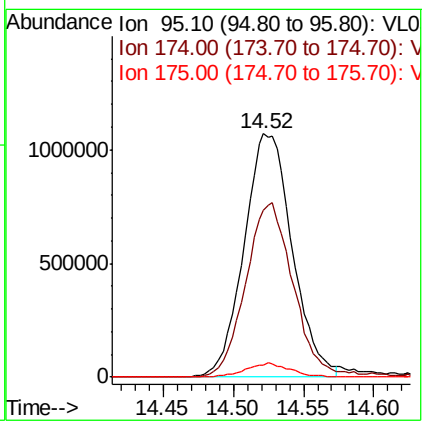


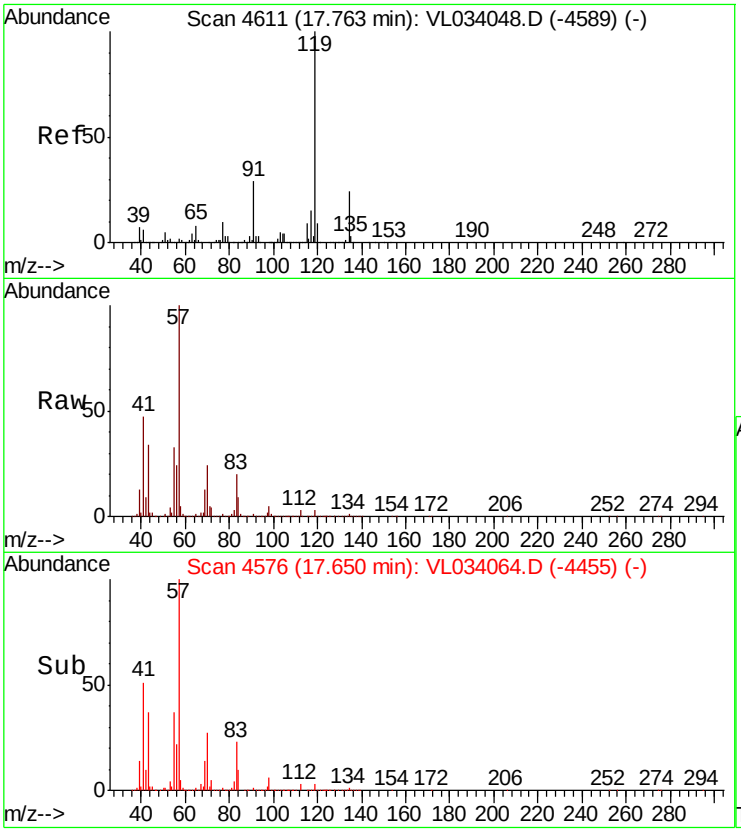


#68
1-Bromo-4-Fluorobenzene
Concen: 10.222 ppbv
RT: 14.52 min Scan# 3603
Delta R.T. -0.00 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Tgt Ion: 95 Resp: 2555822

Ion	Ratio	Lower	Upper
95	100		
174	72.2	57.6	86.4
175	5.4	4.1	6.1



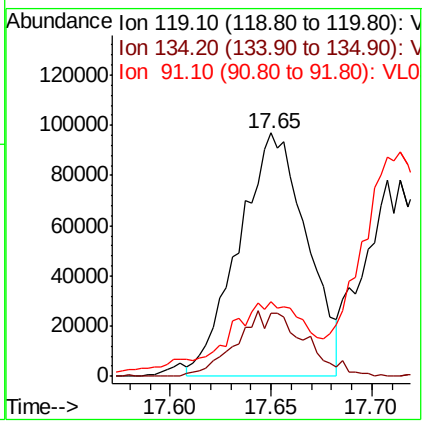


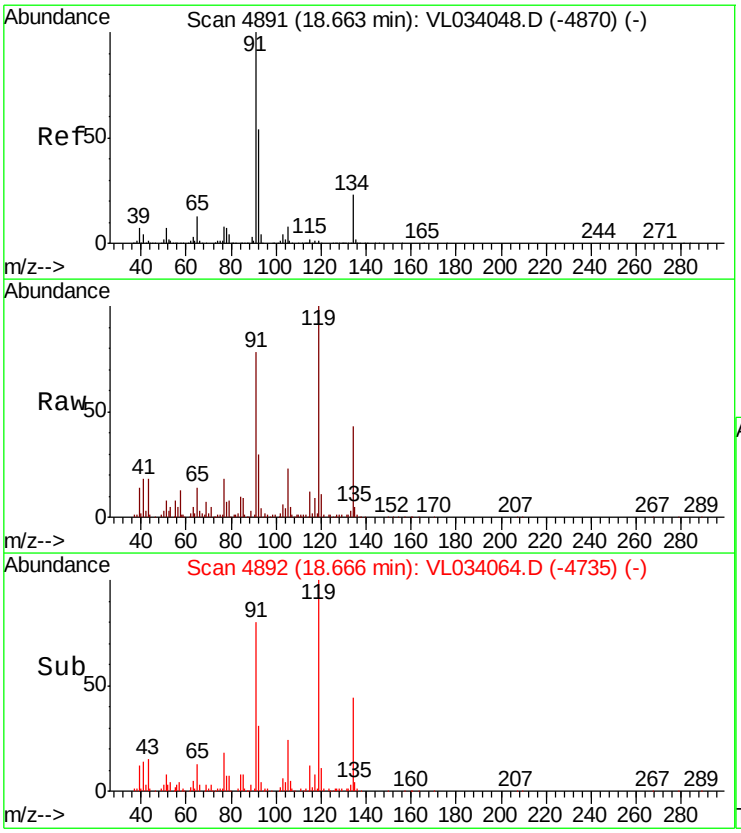
#69
p-Isopropyltoluene
Concen: 0.470 ppbv
RT: 17.65 min Scan# 4576
Delta R.T. -0.11 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:119 Resp: 227560

Ion	Ratio	Lower	Upper
119	100		
134	26.9	20.1	30.1
91	34.2	23.6	35.4

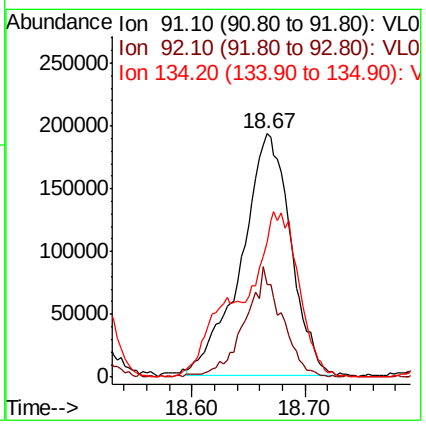


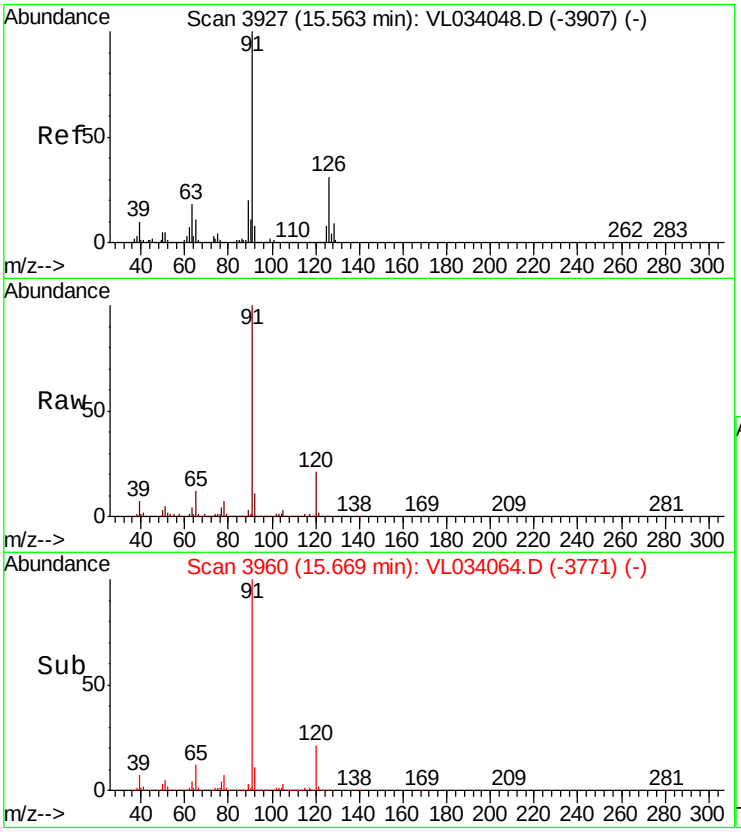


#70
n-Butylbenzene
Concen: 1.133 ppbv
RT: 18.67 min Scan# 4892
Delta R.T. 0.00 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Tgt Ion: 91 Resp: 580208

Ion	Ratio	Lower	Upper
91	100		
92	34.6	42.6	64.0#
134	81.3	17.7	26.5#



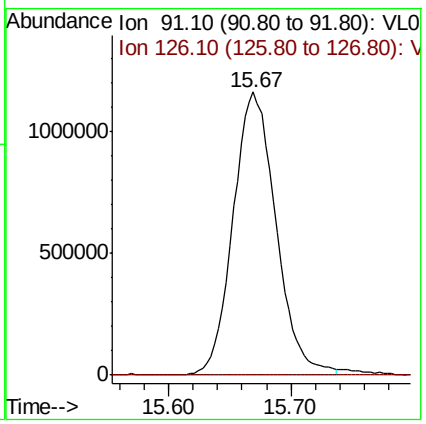


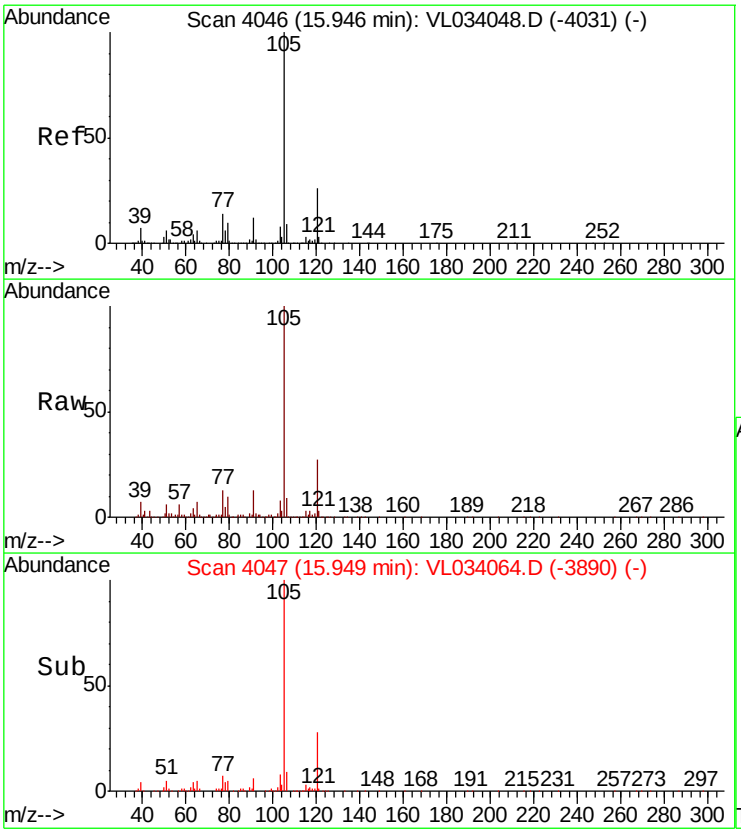
#71
2-Chlorotoluene
Concen: 8.516 ppbv
RT: 15.67 min Scan# 3960
Delta R.T. 0.11 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 2801406

Ion	Ratio	Lower	Upper
91	100		
126	0.1	12.0	48.2#

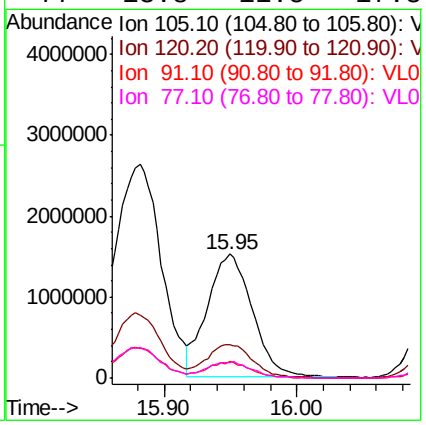


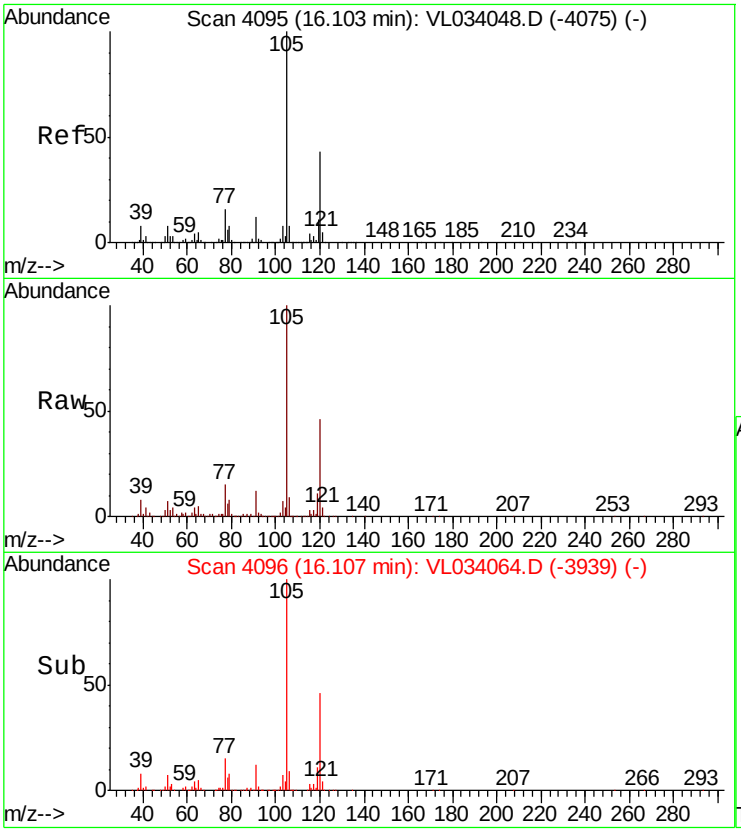


#72
4-Ethyltoluene
Concen: 9.396 ppbv
RT: 15.95 min Scan# 4047
Delta R.T. 0.00 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Tgt Ion:105 Resp: 3593107

Ion	Ratio	Lower	Upper
105	100		
120	29.4	23.0	34.4
91	13.0	10.6	16.0
77	13.8	11.5	17.3



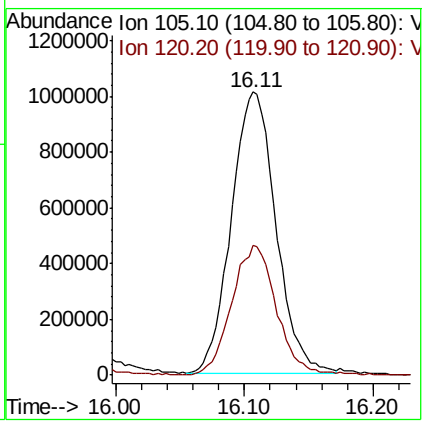


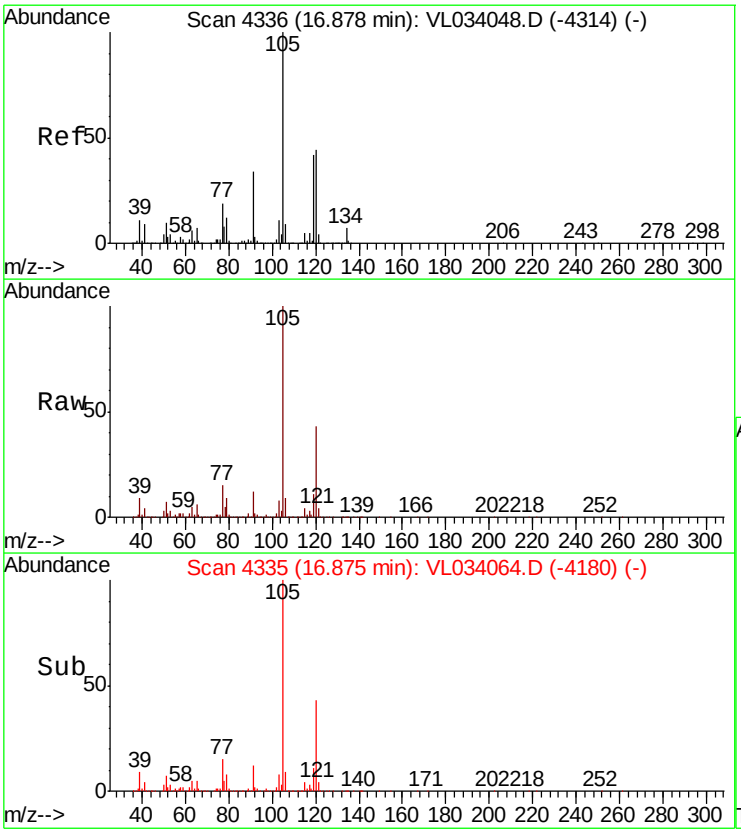
#73
1,3,5-Trimethylbenzene
Concen: 6.243 ppbv
RT: 16.11 min Scan# 4096
Delta R.T. 0.00 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 2429923

Ion	Ratio	Lower	Upper
105	100		
120	45.9	34.7	52.1

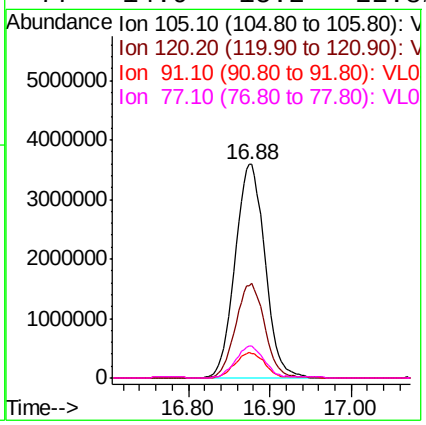


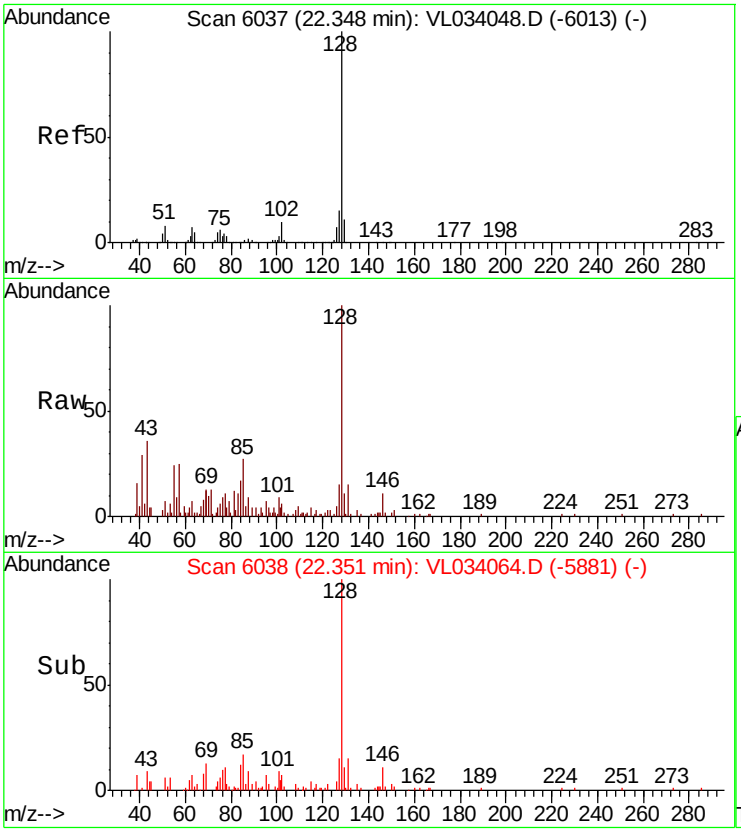


#74
1,2,4-Trimethylbenzene
Concen: 21.265 ppbv
RT: 16.88 min Scan# 4335
Delta R.T. -0.00 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Tgt Ion:105 Resp: 9092366

Ion	Ratio	Lower	Upper
105	100		
120	43.1	35.6	53.4
91	11.7	28.0	42.0#
77	14.9	15.2	22.8#



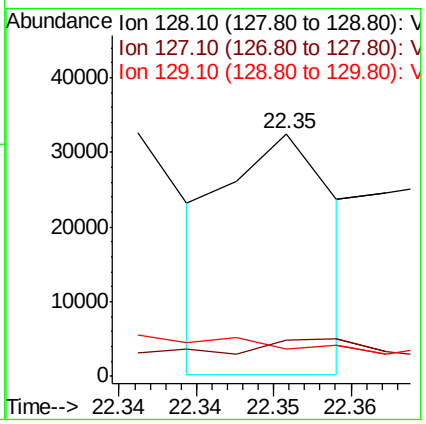


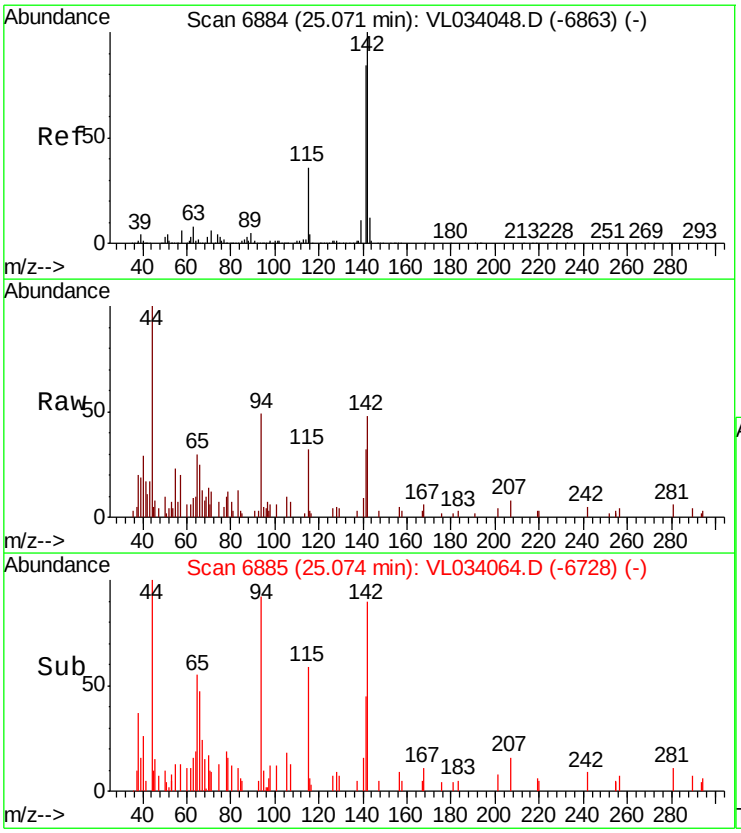
#79
Naphthalene
Concen: 0.042 ppbv
RT: 22.35 min Scan# 6038
Delta R.T. 0.00 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:128 Resp: 15743

Ion	Ratio	Lower	Upper
128	100		
127	13.5	11.8	17.6
129	0.0	9.1	13.7#





#80
Naphthalene,2-methyl-
Concen: 0.053 ppbv
RT: 25.07 min Scan# 6885
Delta R.T. 0.00 min
Lab File: VL034064.D
Acq: 30 Jul 2019 14:10

Tgt Ion:142 Resp: 6940

Ion	Ratio	Lower	Upper
142	100		
141	102.6	67.6	101.4#
115	55.1	29.8	44.6#