Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120418\

Quantitation Report (Not Reviewed)

Data File : VL032884.D
Acq On : 4 Dec 2018 20:04
Operator : SY/AP
Sample : J6175-04
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : MMSV-04

Quant Time: Dec 05 05:49:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 07:00:23 2018
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.77	49	1331727	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.30	114	3535589	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.25	117	3581443	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.58	95	2596872	9.69	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	160565	0.839	ppbv		99
3) Chlorodifluoromethane	3.02	51	147134	1.394	ppbv		98
4) Chloromethane	3.17	50	139260	2.379	ppbv		97
7) Chloroethane	3.61	64	267800	11.978	ppbv		92
9) Propene	3.04	41	4655784	110.192	ppbv		93
10) Heptane	8.25	43	206233	1.279	ppbv		94
11) Trichlorofluoromethane	4.01	101	126109	0.699	ppbv		98
12) 1,1,2-Trichlorotrifluoroet	4.56	101	8916	0.061	ppbv	#	80
13) Ethanol	3.66	45	663957	47.977	ppbv		100
15) Acetone	3.90	43	4845365	39.841	ppbv		93
16) 1,3-Butadiene	3.35	39	2700489	57.338	ppbv	#	15
17) tert-Butyl alcohol	4.38	59	102281	2.681	ppbv	#	73
19) Isopropyl Alcohol	4.07	45	26131	0.323	ppbv	#	95
20) Methylene Chloride	4.42	84	221832	3.523	ppbv		98
21) Allyl Chloride	4.44	41	82450	0.807	ppbv	#	26
23) Vinyl Acetate	5.14	43	363088	1.638	ppbv	#	1
25) Ethyl Acetate	5.78	43	282377	0.996	ppbv	#	83
26) Hexane	5.79	57	654626	5.188	ppbv	#	7
27) Carbon Disulfide	4.62	76	2325206	14.533	ppbv		99
28) Methyl tert-Butyl Ether	5.12	73	14266	0.071	ppbv	#	54
29) Chloroform	5.86	83	107548	0.478	ppbv		92
30) Cyclohexane	7.25	84	324117	2.937	ppbv	#	79
34) 2-Butanone	5.33	43	10230389	55.789	ppbv		94
35) Carbon Tetrachloride	7.15	117	13309	0.047	ppbv	#	94
36) Benzene	7.01	78	3270212	11.615	ppbv		98
39) 1,2-Dichloropropane	7.30	63	823601	7.678	ppbv	#	24
41) Tetrahydrofuran	6.15	42	1131721	10.759	ppbv		99
42) Bromodichloromethane	7.92	83	16300	0.063	ppbv	#	33
44) 2,2,4-Trimethylpentane	7.99	57	419330	0.891	ppbv	#	61
50) 4-Methyl-2-Pentanone	8.89	43	57471	0.201	ppbv		100
51) 2-Hexanone	10.27	43	1185148	6.423	ppbv	#	98
52) Tetrachloroethene	11.37	164	5124	0.052	ppbv	#	81
53) Toluene	9.96	91	1380576	4.700	ppbv		99
58) Ethyl Benzene	12.87	91	359854	0.835	ppbv		99
59) m/p-Xylene	13.13	91	705215	1.838	ppbv		95
60) o-Xylene	13.85	91	469305	1.216	ppbv		97
61) Styrene	13.69	104	83831	0.334	ppbv		98
62) Isopropylbenzene	14.83	105	80678	0.155	ppbv		97
67) sec-Butylbenzene	17.77	105	69772	0.104	ppbv		99
69) p-Isopropyltoluene	17.82	119	80834	0.151	ppbv		96
72) 4-Ethyltoluene	16.00	105	122275	0.289	ppbv		97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120418\

Quantitation Report (Not Reviewed)

Data File : VL032884.D
Acq On : 4 Dec 2018 20:04
Operator : SY/AP
Sample : J6175-04
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : MMSV-04

Quant Time: Dec 05 05:49:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 07:00:23 2018
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
73) 1,3,5-Trimethylbenzene	16.16	105	219815	0.532	ppbv		96
74) 1,2,4-Trimethylbenzene	16.93	105	356371	0.805	ppbv	#	69
80) Naphthalene,2-methyl-	25.12	142	3025	0.042	ppbv	#	81

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

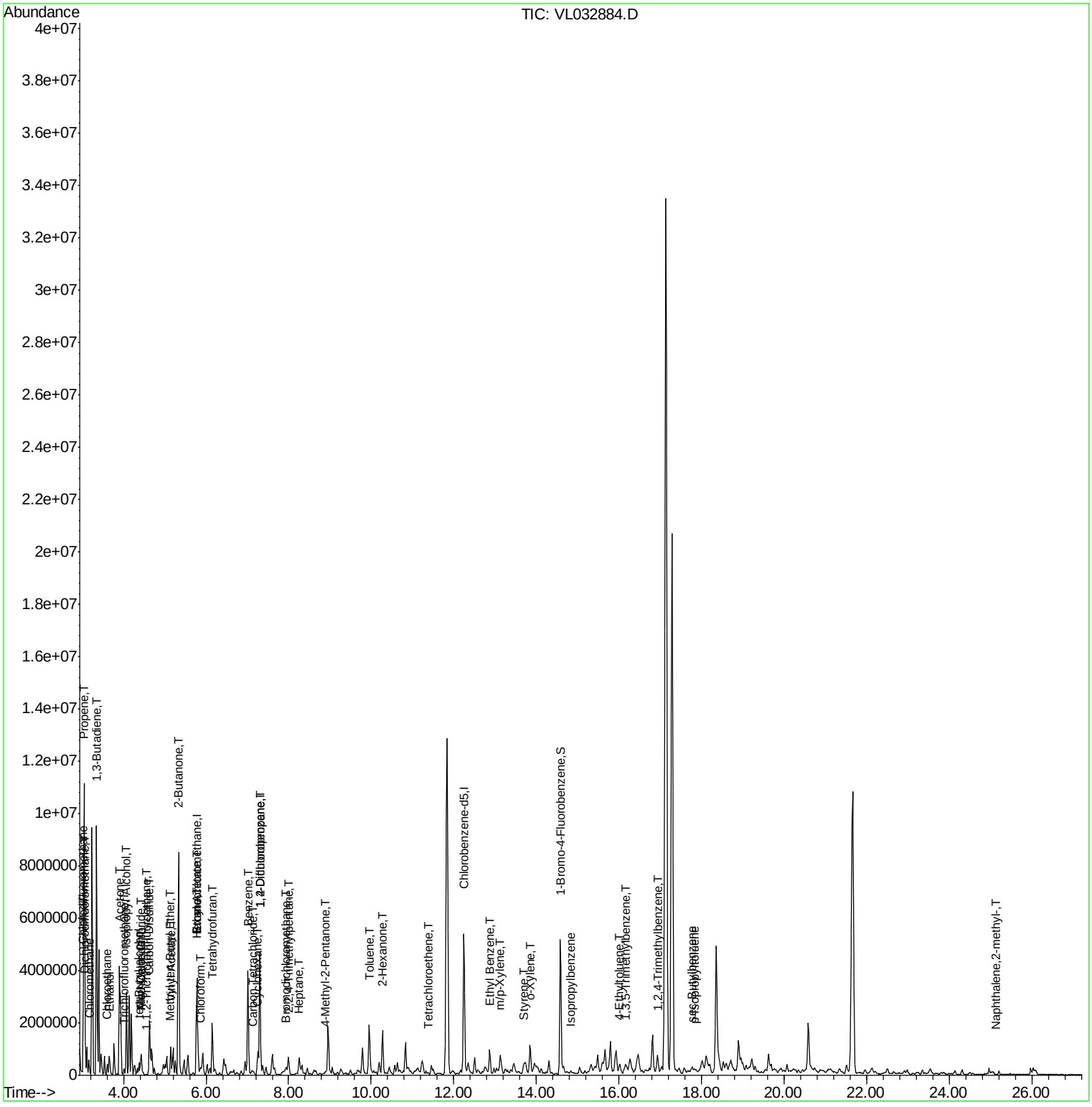
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120418\

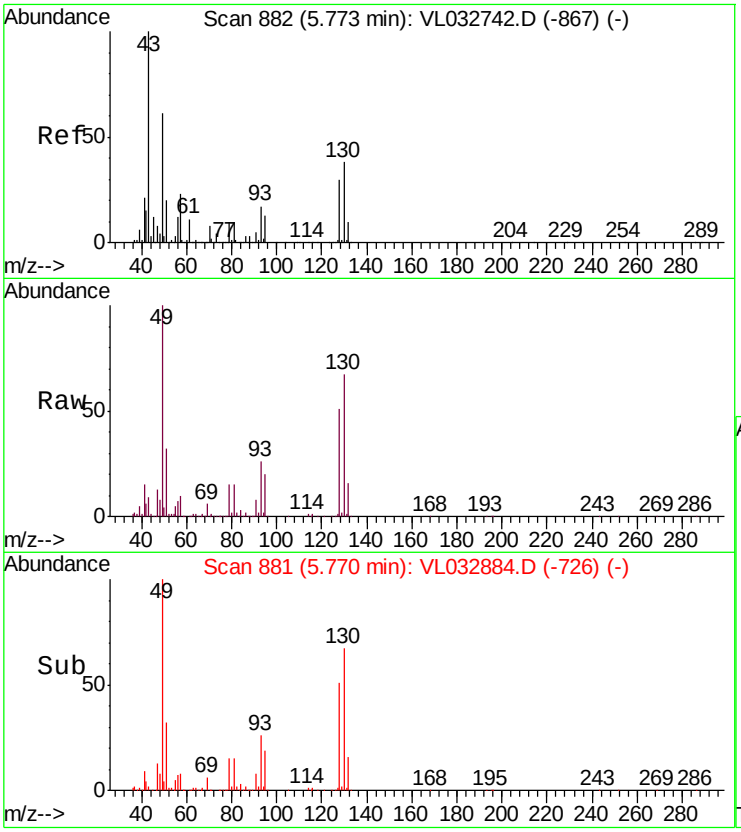
Quantitation Report (Not Reviewed)

Data File : VL032884.D
Acq On : 4 Dec 2018 20:04
Operator : SY/AP
Sample : J6175-04
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : MMSV-04

Quant Time: Dec 05 05:49:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 07:00:23 2018
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration



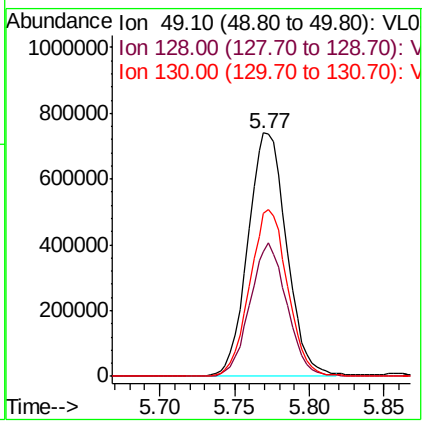


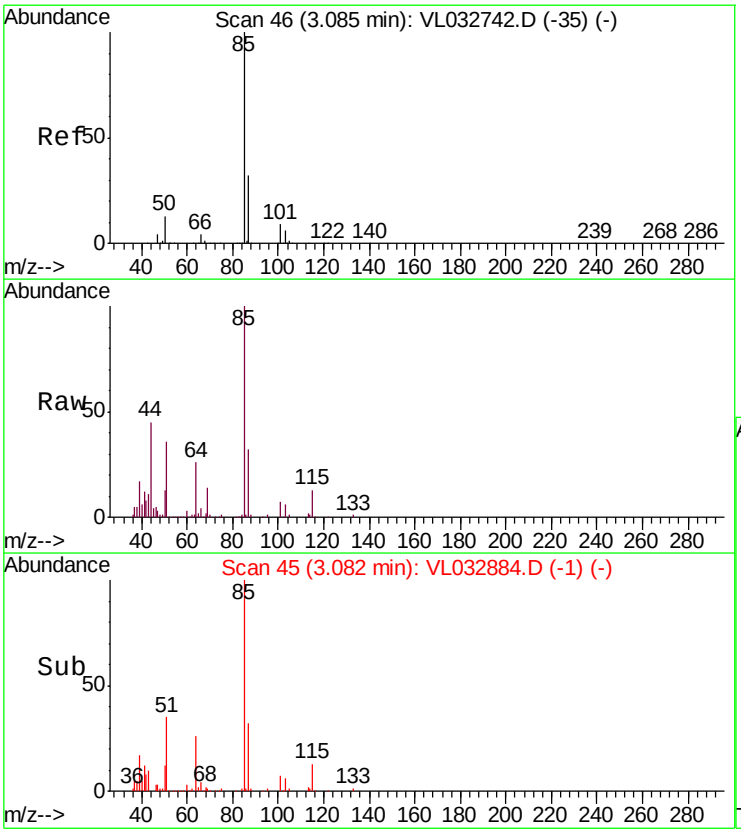
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 881
Delta R.T. -0.00 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Instrument :
MSVOA_L
ClientSampleId :
MMSV-04

Tgt Ion: 49 Resp: 1331727

Ion	Ratio	Lower	Upper
49	100		
128	52.3	24.9	74.6
130	67.1	31.4	94.2

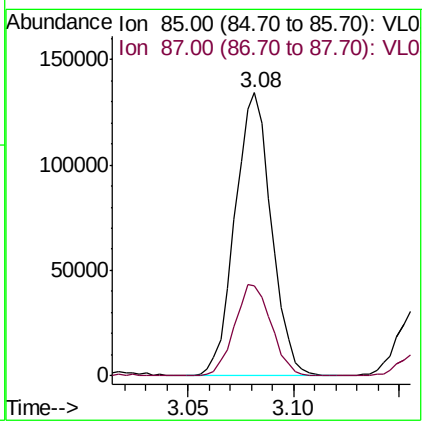


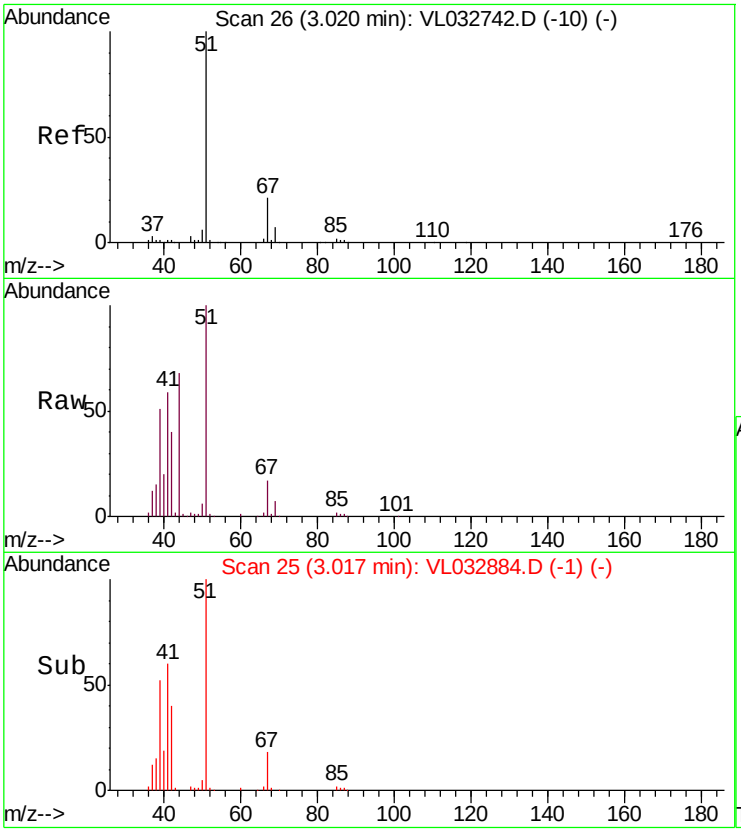


#2
Dichlorodifluoromethane
Concen: 0.839 ppbv
RT: 3.08 min Scan# 45
Delta R.T. -0.00 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Tgt Ion: 85 Resp: 160565

Ion	Ratio	Lower	Upper
85	100		
87	31.7	26.0	39.0



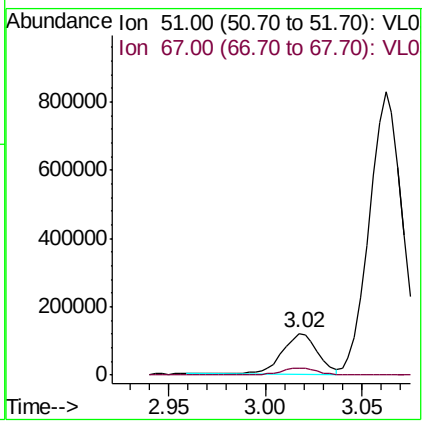


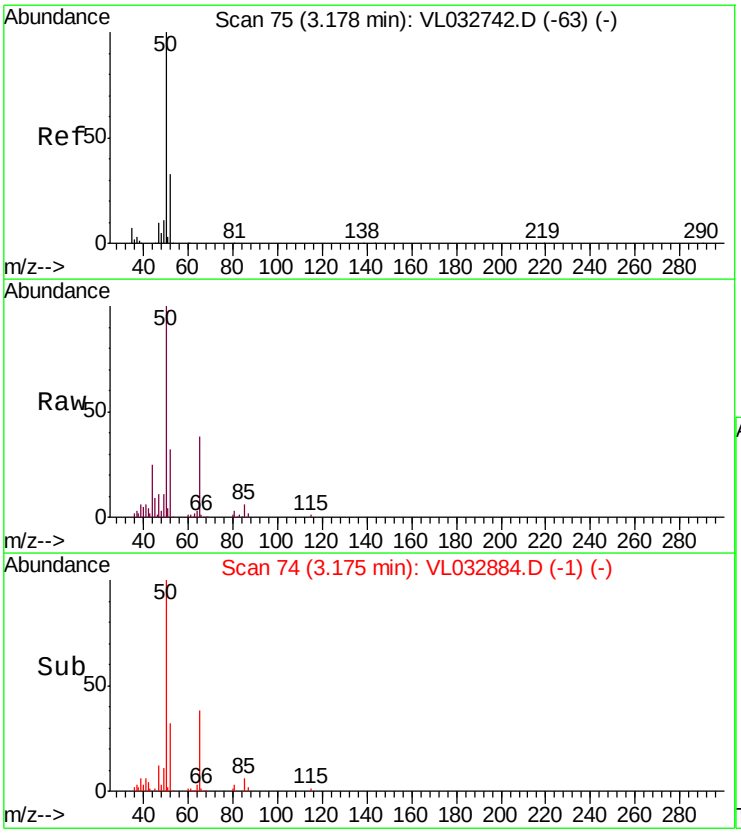
#3
Chlorodifluoromethane
Concen: 1.394 ppbv
RT: 3.02 min Scan# 25
Delta R.T. -0.00 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Instrument :
MSVOA_L
ClientSampleId :
MMSV-04

Tgt Ion: 51 Resp: 147134

Ion	Ratio	Lower	Upper
51	100		
67	19.3	16.1	24.1

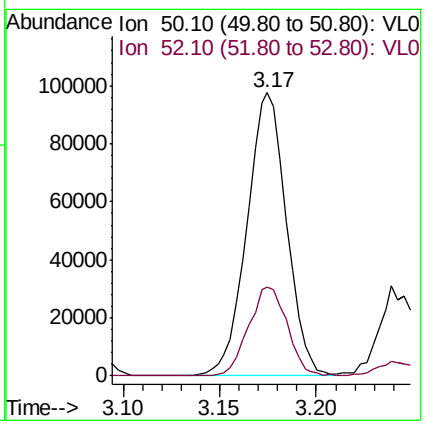


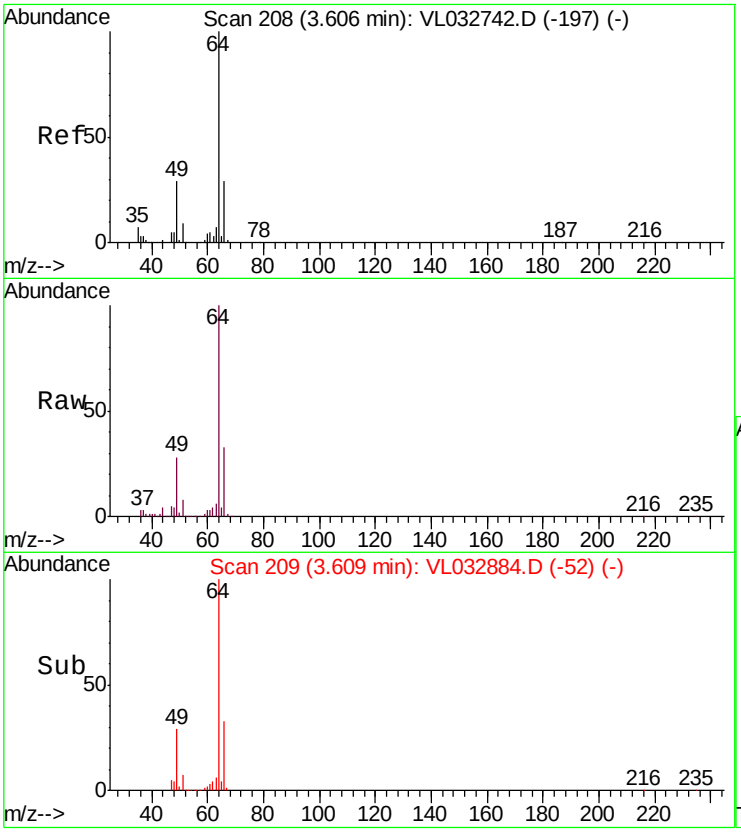


#4
Chloromethane
Concen: 2.379 ppbv
RT: 3.17 min Scan# 74
Delta R.T. -0.00 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Tgt Ion: 50 Resp: 139260

Ion	Ratio	Lower	Upper
50	100		
52	31.6	26.6	40.0



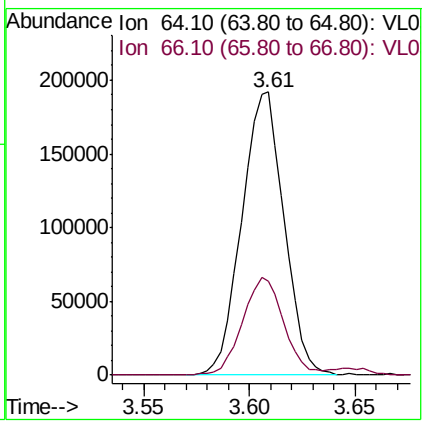


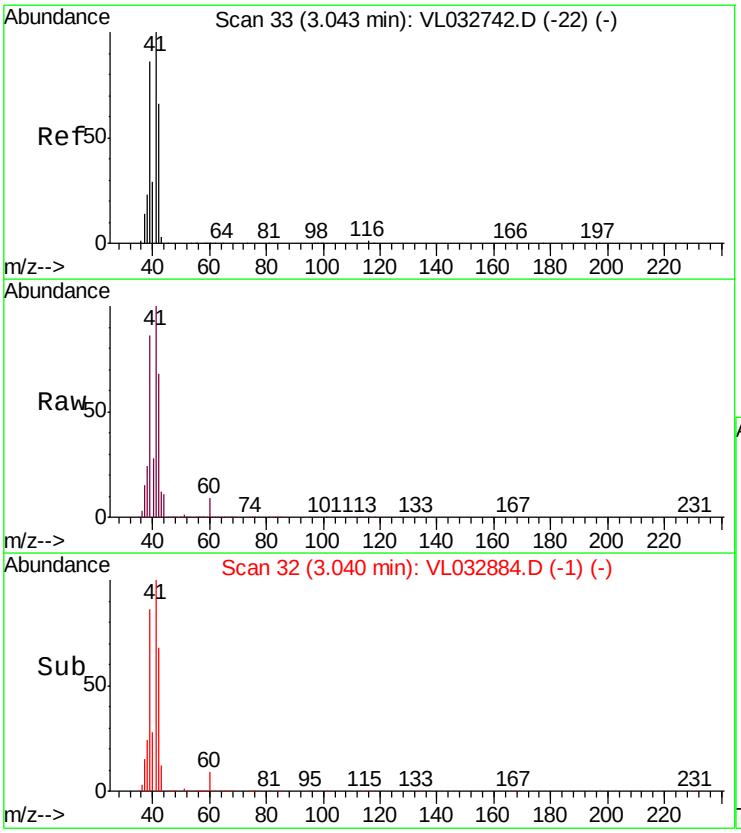
#7
Chloroethane
Concen: 11.978 ppbv
RT: 3.61 min Scan# 209
Delta R.T. 0.00 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Instrument :
MSVOA_L
ClientSampleId :
MMSV-04

Tgt Ion: 64 Resp: 267800

Ion	Ratio	Lower	Upper
64	100		
66	33.0	23.2	34.8

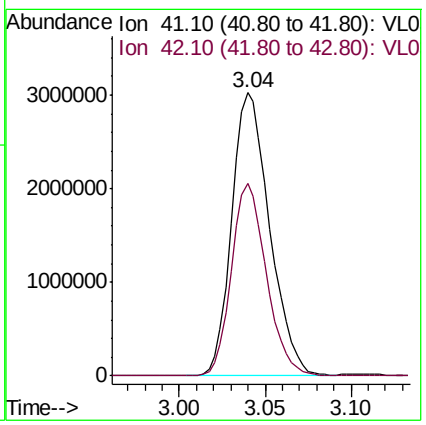


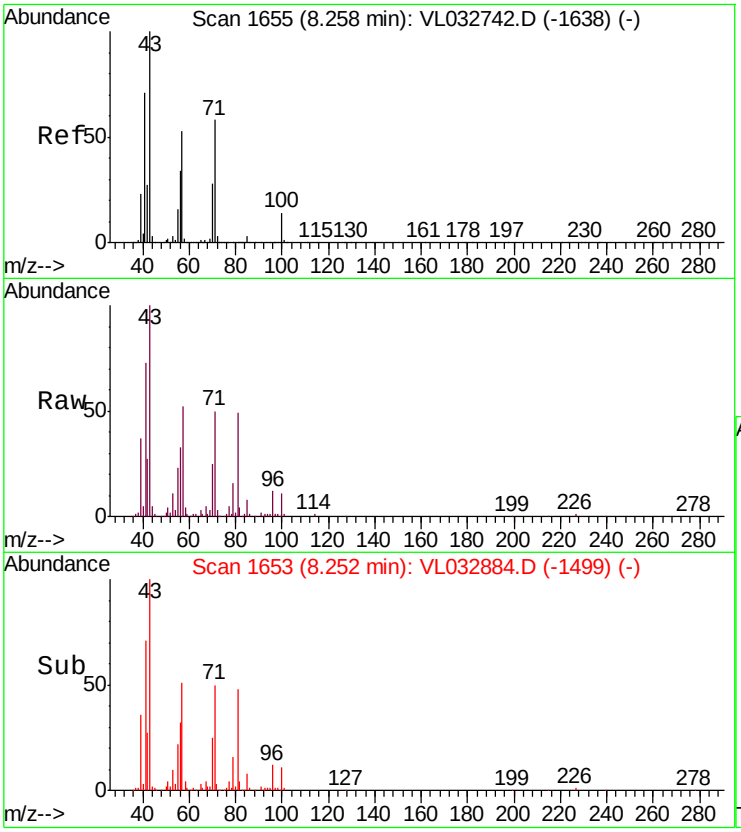


#9
Propene
Concen: 110.192 ppbv
RT: 3.04 min Scan# 32
Delta R.T. -0.00 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Tgt Ion: 41 Resp: 4655784

Ion	Ratio	Lower	Upper
41	100		
42	62.8	55.0	82.6



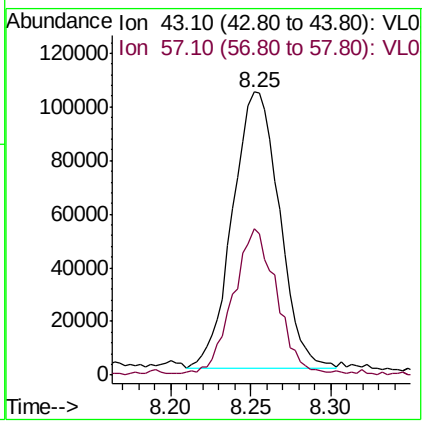


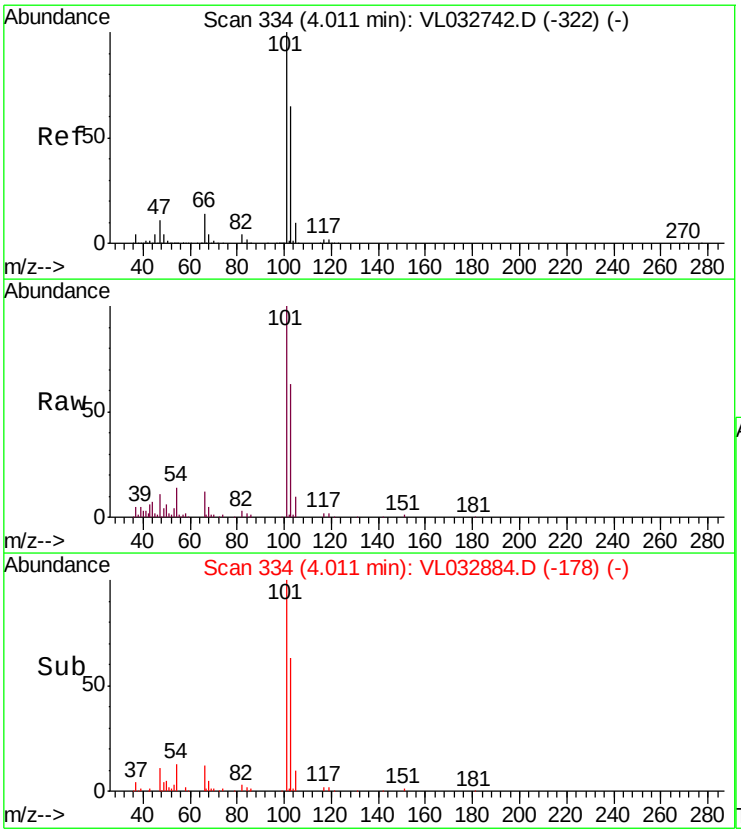
#10
Heptane
Concen: 1.279 ppbv
RT: 8.25 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Instrument :
MSVOA_L
ClientSampleId :
MMSV-04

Tgt Ion: 43 Resp: 206233

Ion	Ratio	Lower	Upper
43	100		
57	48.4	41.8	62.8

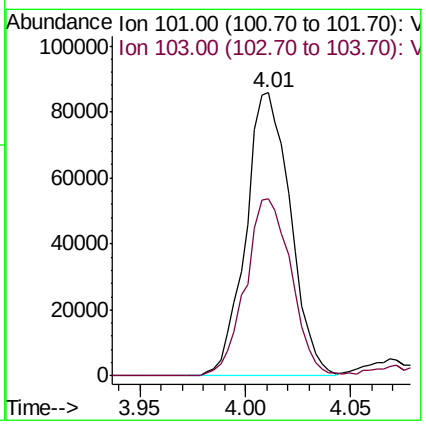


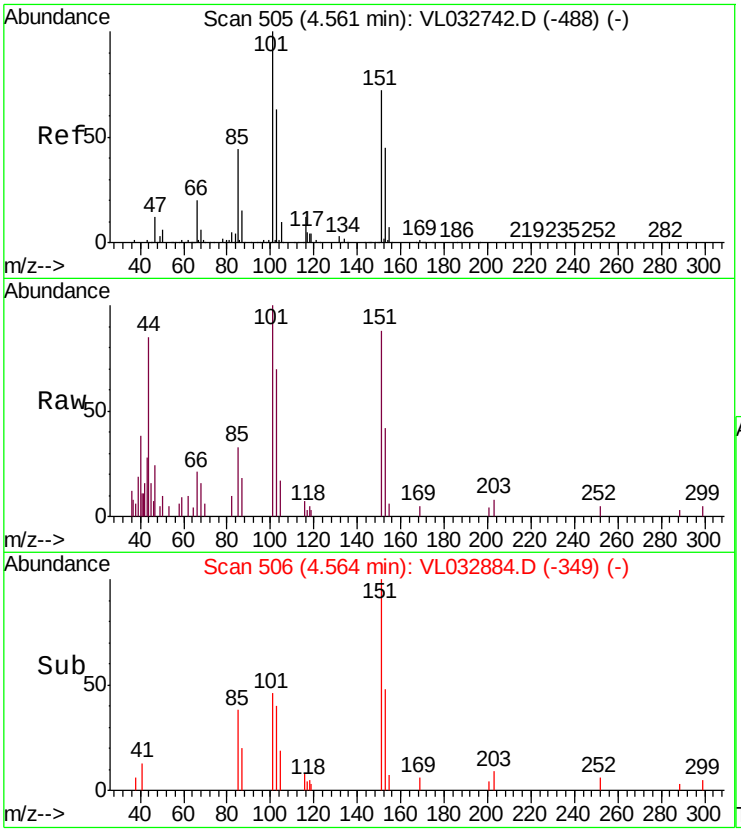


#11
Trichlorofluoromethane
Concen: 0.699 ppbv
RT: 4.01 min Scan# 334
Delta R.T. 0.00 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Tgt Ion:101 Resp: 126109

Ion	Ratio	Lower	Upper
101	100		
103	62.7	51.6	77.4



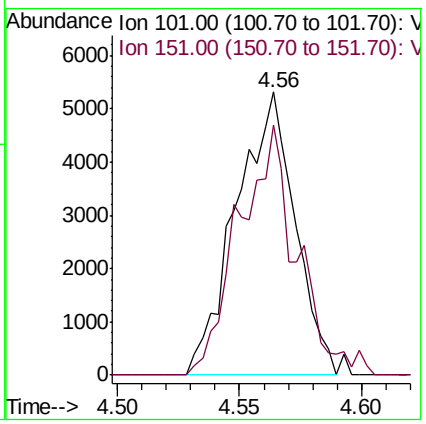


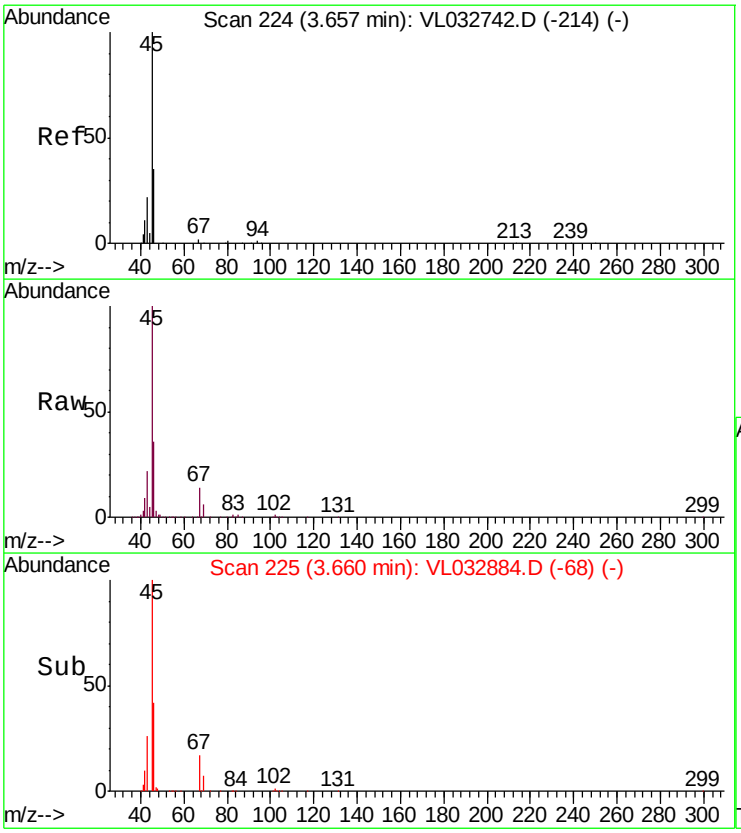
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.061 ppbv
RT: 4.56 min Scan# 506
Delta R.T. 0.00 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Instrument :
MSVOA_L
ClientSampleId :
MMSV-04

Tgt Ion:101 Resp: 8916

Ion	Ratio	Lower	Upper
101	100		
151	87.0	56.7	85.1#

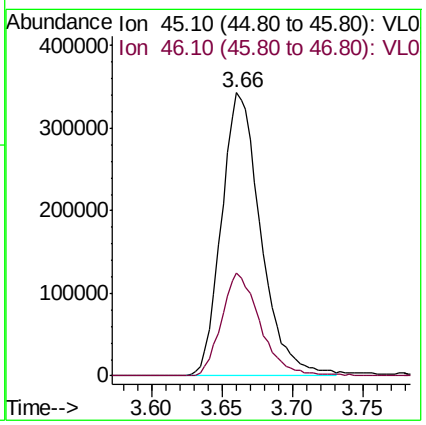


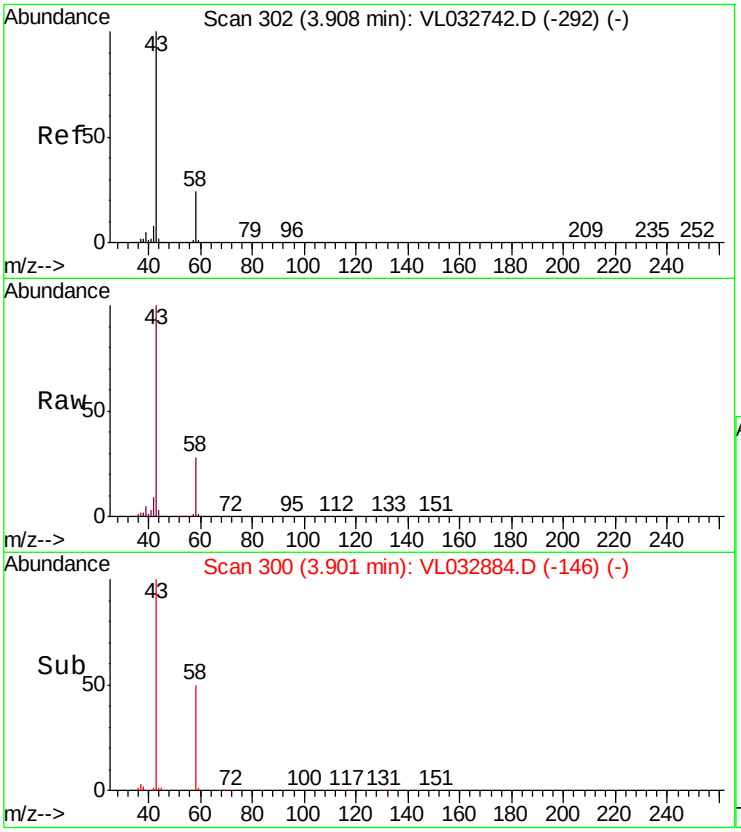


#13
Ethanol
Concen: 47.977 ppbv
RT: 3.66 min Scan# 225
Delta R.T. 0.00 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Tgt Ion: 45 Resp: 663957

Ion	Ratio	Lower	Upper
45	100		
46	36.1	14.5	57.9



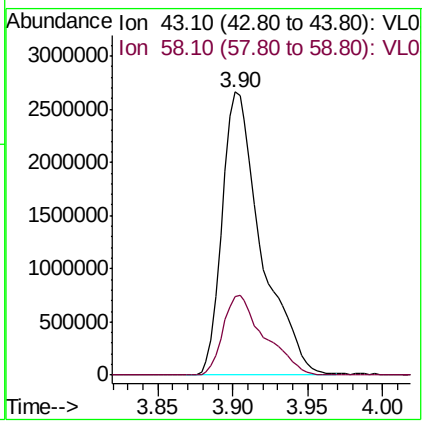


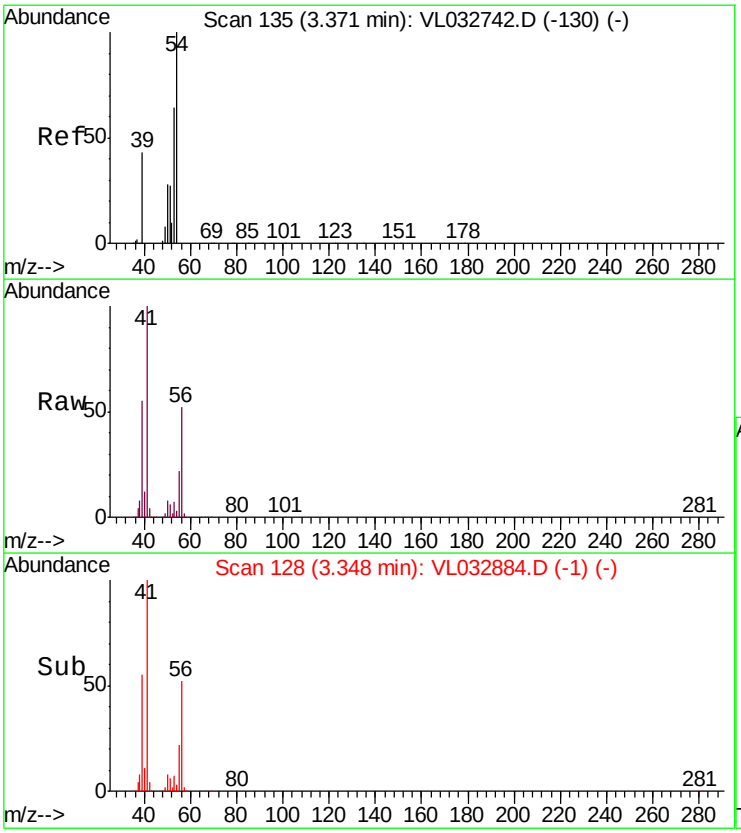
#15
Acetone
Concen: 39.841 ppbv
RT: 3.90 min Scan# 300
Delta R.T. -0.01 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Instrument :
MSVOA_L
ClientSampleId :
MMSV-04

Tgt Ion: 43 Resp: 4845365

Ion	Ratio	Lower	Upper
43	100		
58	30.2	21.1	31.7

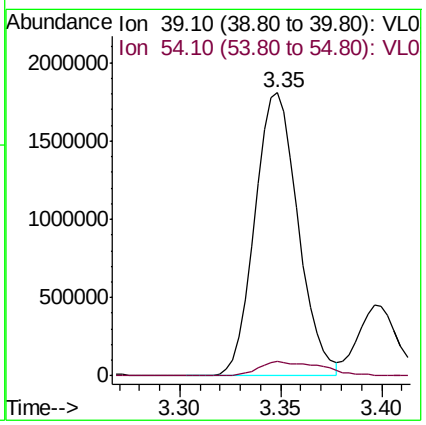


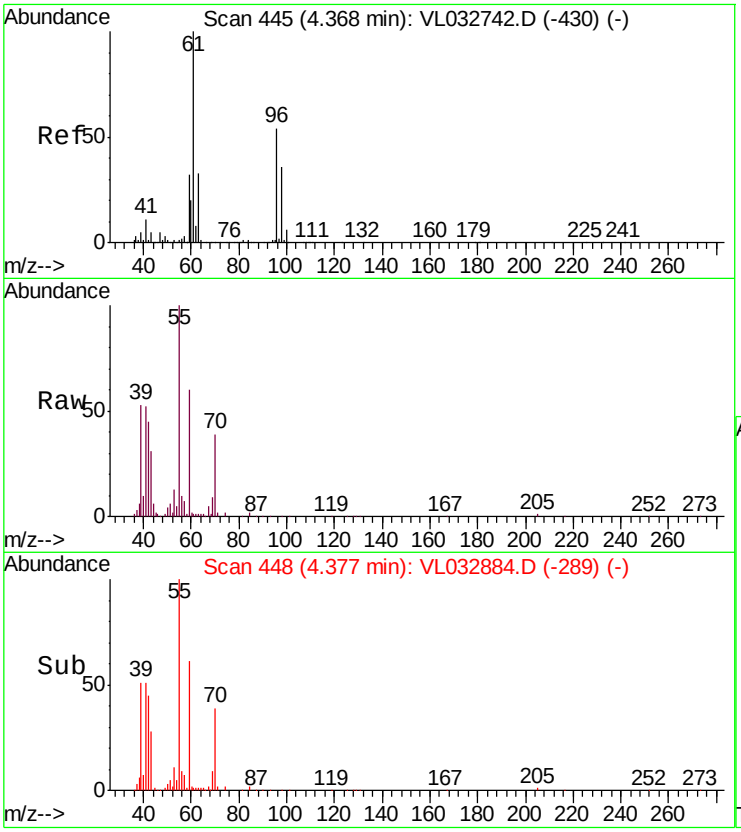


#16
1,3-Butadiene
Concen: 57.338 ppbv
RT: 3.35 min Scan# 128
Delta R.T. -0.02 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Tgt Ion: 39 Resp: 2700489

Ion	Ratio	Lower	Upper
39	100		
54	7.5	68.9	103.3#



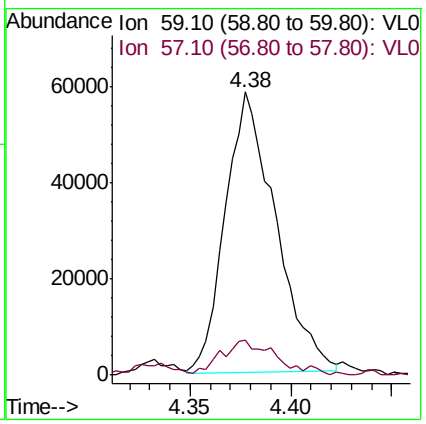


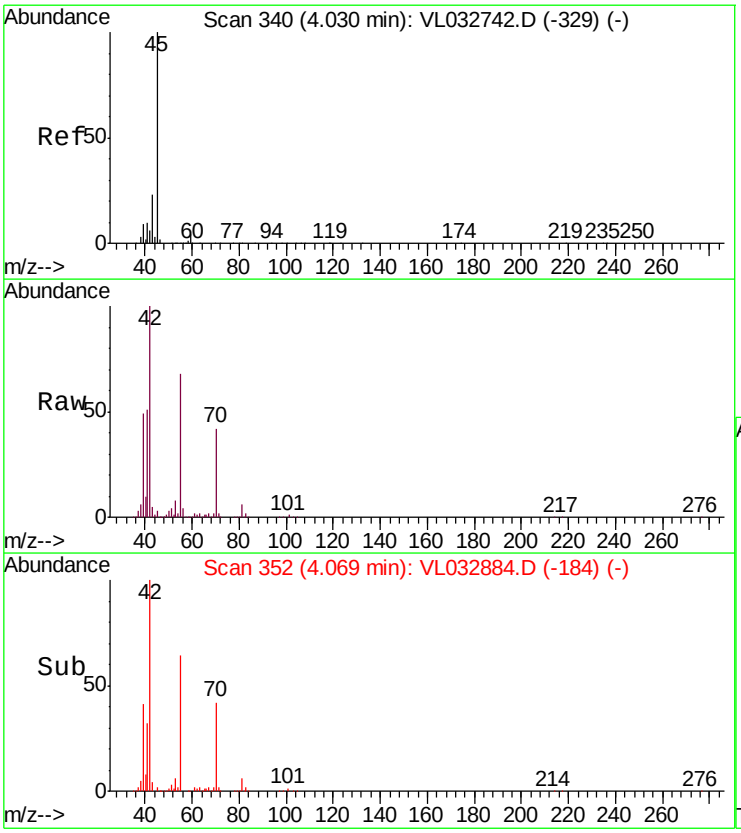
#17
tert-Butyl alcohol
Concen: 2.681 ppbv
RT: 4.38 min Scan# 448
Delta R.T. 0.01 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Instrument :
MSVOA_L
ClientSampleId :
MMSV-04

Tgt Ion: 59 Resp: 102281

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

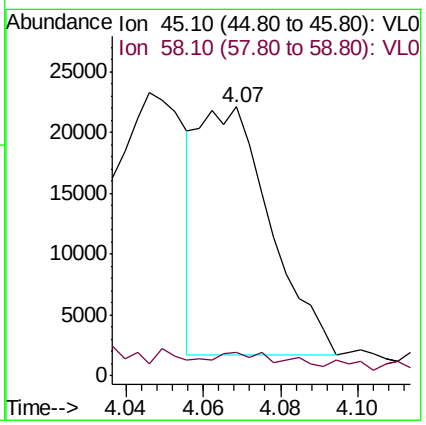


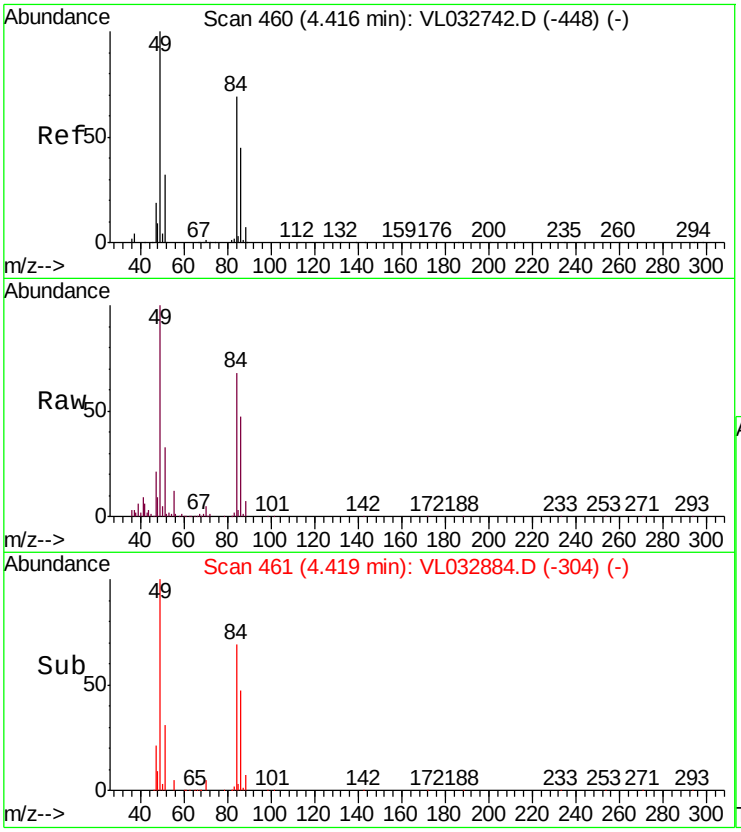


#19
Isopropyl Alcohol
Concen: 0.323 ppbv
RT: 4.07 min Scan# 352
Delta R.T. 0.04 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Tgt Ion: 45 Resp: 26131

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.4	2.0#



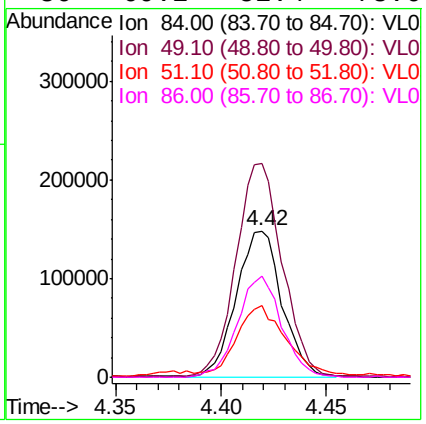


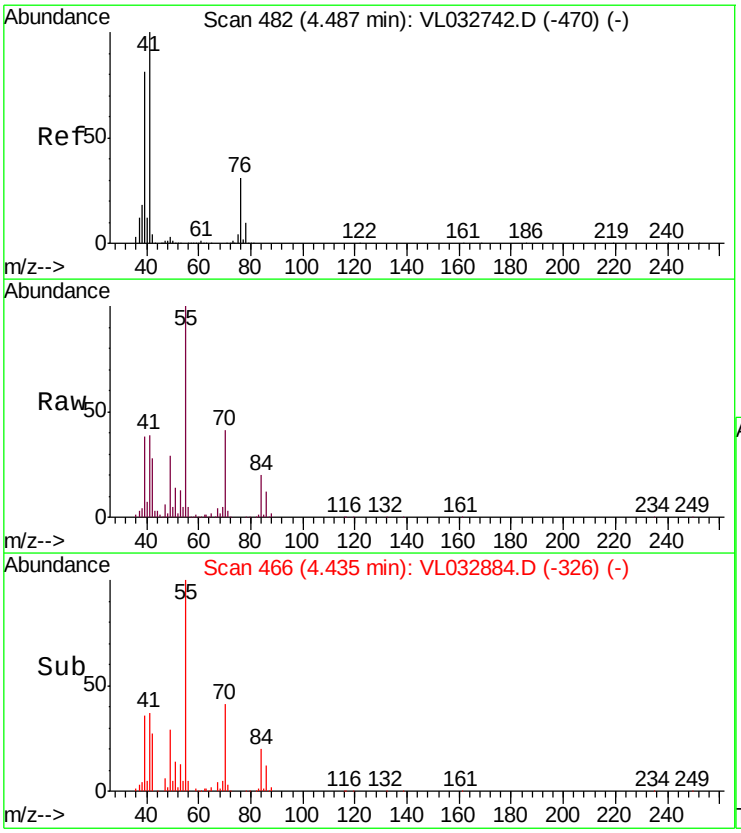
#20
Methylene Chloride
Concen: 3.523 ppbv
RT: 4.42 min Scan# 461
Delta R.T. 0.00 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Instrument : MSVOA_L
ClientSampleId : MMSV-04

Tgt Ion: 84 Resp: 221832

Ion	Ratio	Lower	Upper
84	100		
49	145.9	115.8	173.6
51	46.4	36.9	55.3
86	69.2	52.4	78.6

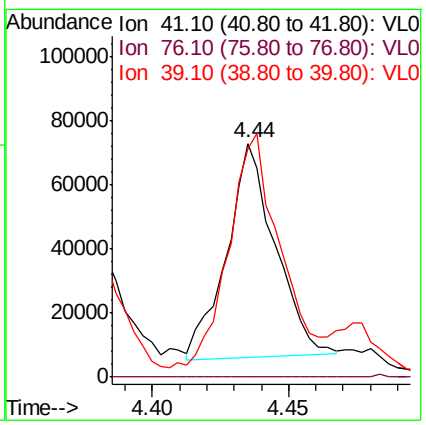


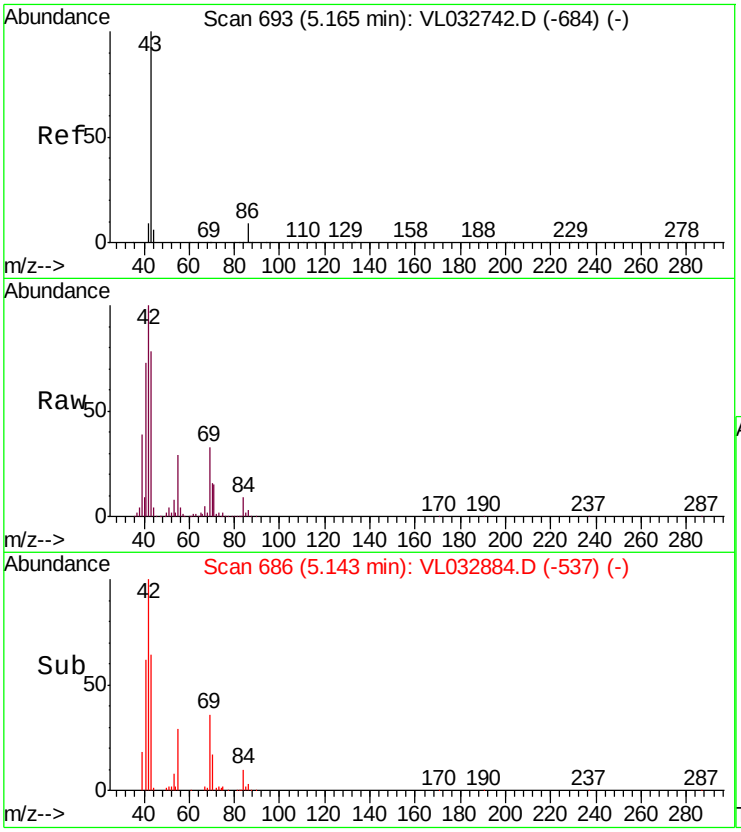


#21
Allyl Chloride
Concen: 0.807 ppbv
RT: 4.44 min Scan# 466
Delta R.T. -0.05 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Tgt Ion: 41 Resp: 82450

Ion	Ratio	Lower	Upper
41	100		
76	0.0	24.4	36.6#
39	150.1	63.5	95.3#



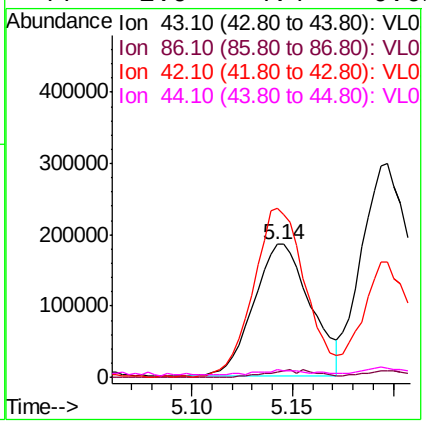


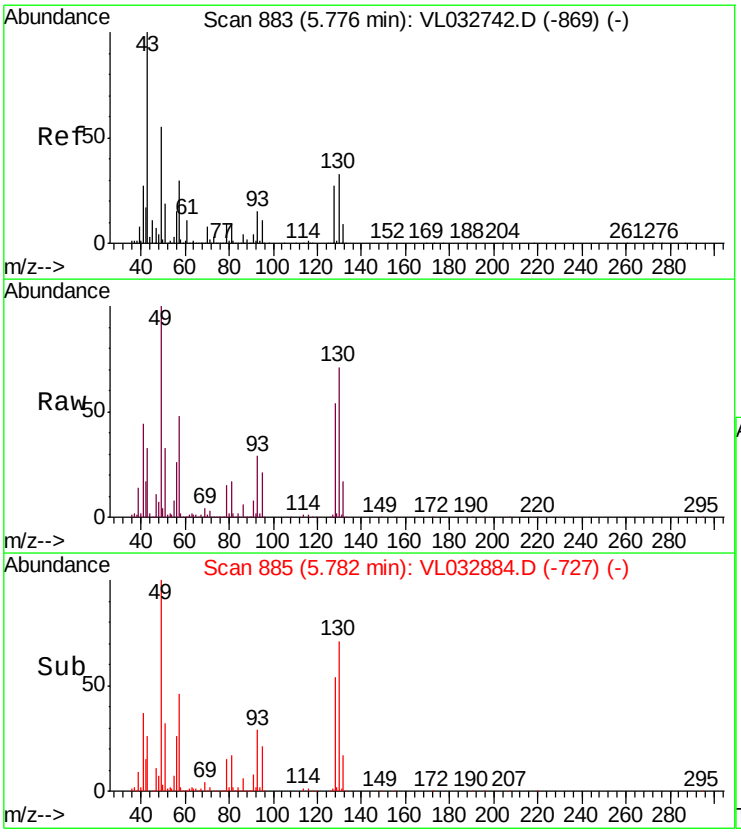
#23
Vinyl Acetate
Concen: 1.638 ppbv
RT: 5.14 min Scan# 686
Delta R.T. -0.02 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Instrument : MSVOA_L
ClientSampleId : MMSV-04

Tgt Ion: 43 Resp: 363088

Ion	Ratio	Lower	Upper
43	100		
86	3.6	6.2	9.4#
42	127.9	7.8	11.6#
44	2.9	4.4	6.6#

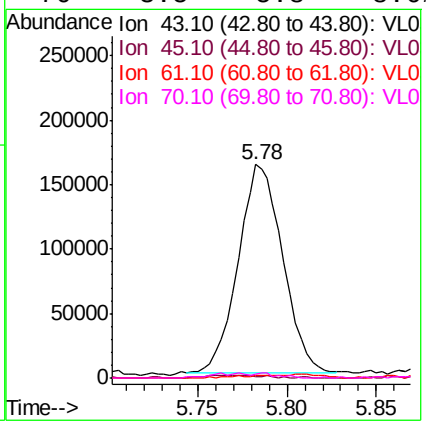


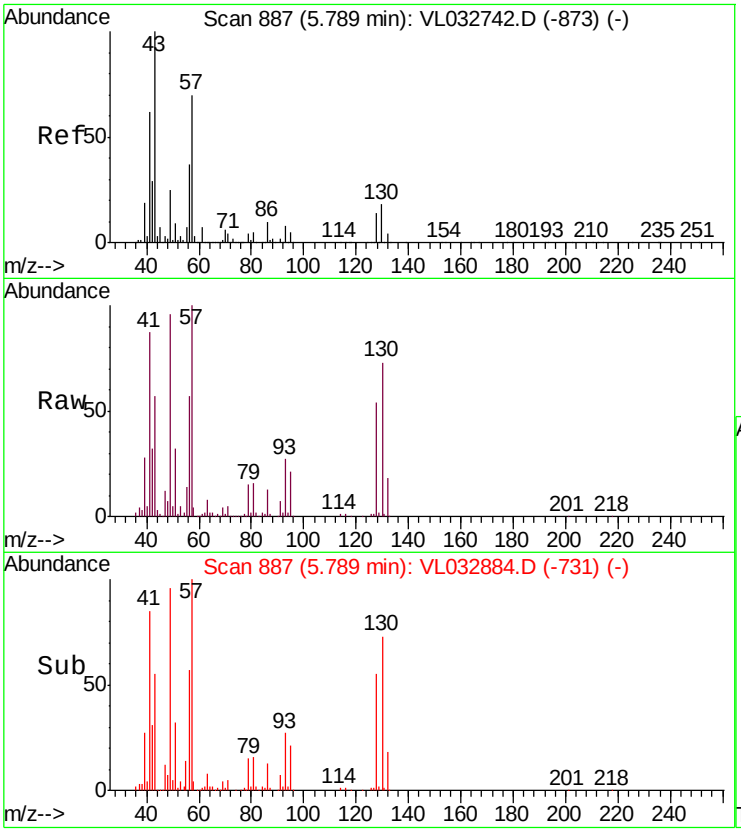


#25
Ethyl Acetate
Concen: 0.996 ppbv
RT: 5.78 min Scan# 885
Delta R.T. 0.01 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Tgt Ion: 43 Resp: 282377

Ion	Ratio	Lower	Upper
43	100		
45	2.3	7.9	11.9#
61	2.9	7.8	11.6#
70	3.5	5.8	8.6#



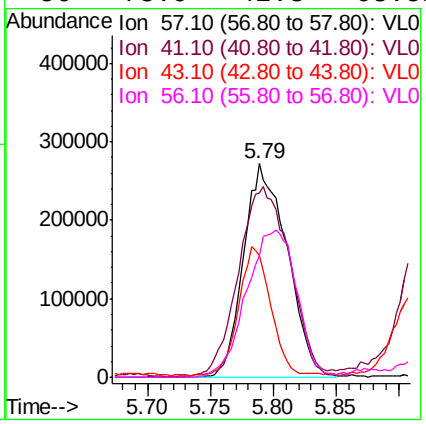


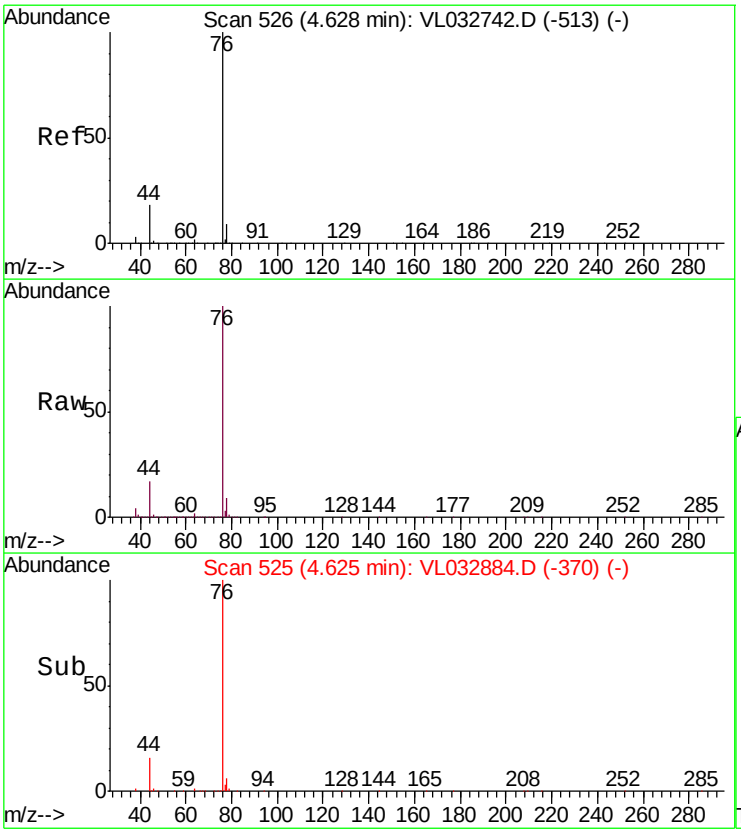
#26
Hexane
Concen: 5.188 ppbv
RT: 5.79 min Scan# 887
Delta R.T. 0.00 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Instrument :
MSVOA_L
ClientSampleId :
MMSV-04

Tgt Ion: 57 Resp: 654626

Ion	Ratio	Lower	Upper
57	100		
41	105.6	70.3	105.5#
43	0.0	174.0	261.0#
56	78.9	42.3	63.5#

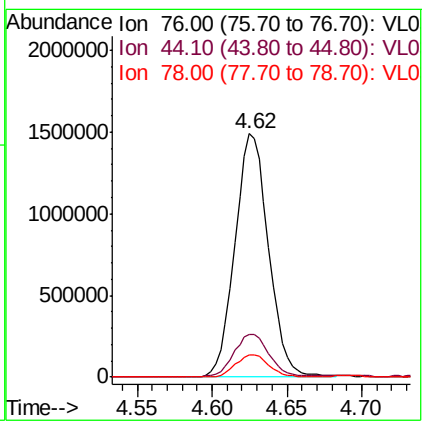


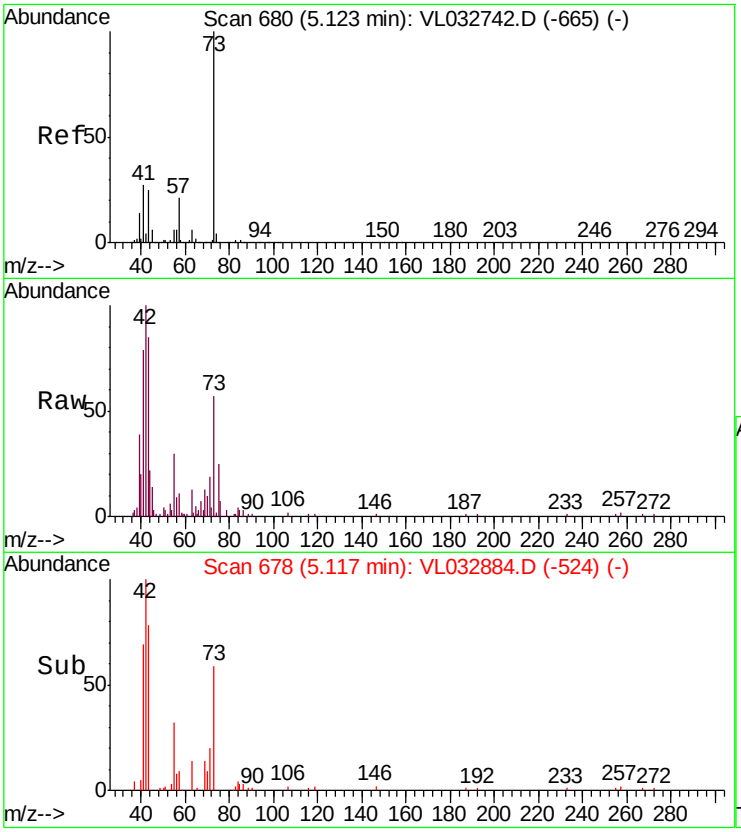


#27
Carbon Disulfide
Concen: 14.533 ppbv
RT: 4.62 min Scan# 525
Delta R.T. -0.00 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Tgt Ion: 76 Resp: 2325206

Ion	Ratio	Lower	Upper
76	100		
44	18.6	14.4	21.6
78	9.2	7.7	11.5



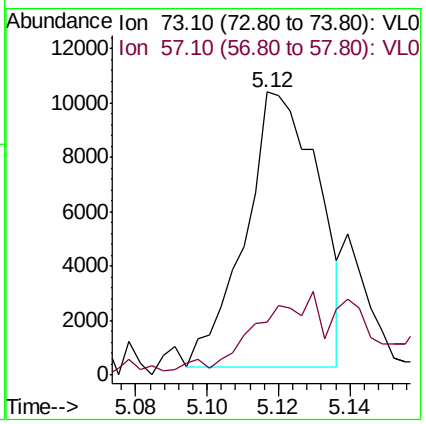


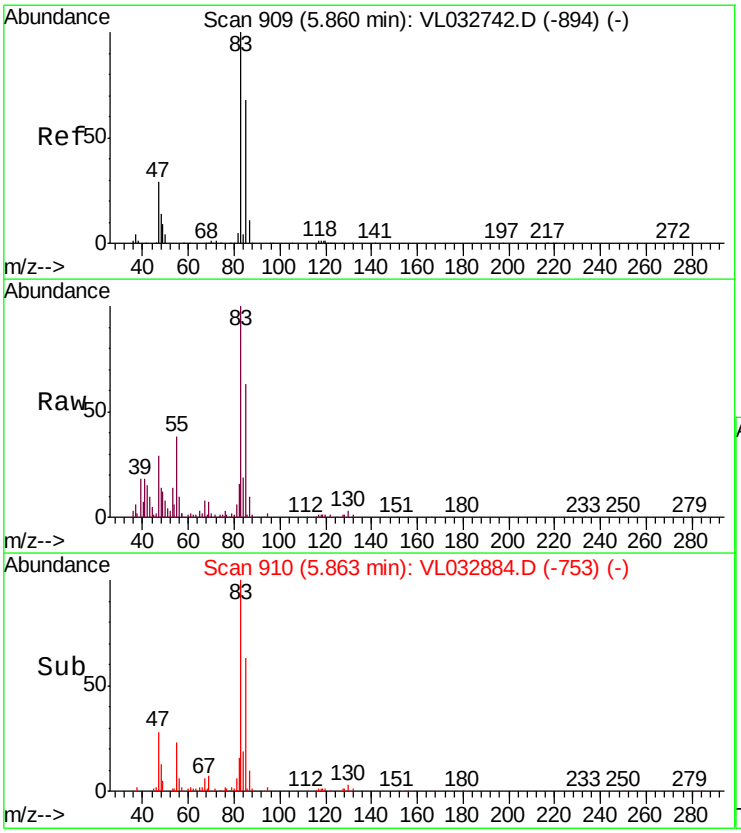
#28
Methyl tert-Butyl Ether
Concen: 0.071 ppbv
RT: 5.12 min Scan# 678
Delta R.T. -0.01 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Instrument :
MSVOA_L
ClientSampleId :
MMSV-04

Tgt Ion: 73 Resp: 14266

Ion	Ratio	Lower	Upper
73	100		
57	0.0	17.5	26.3#

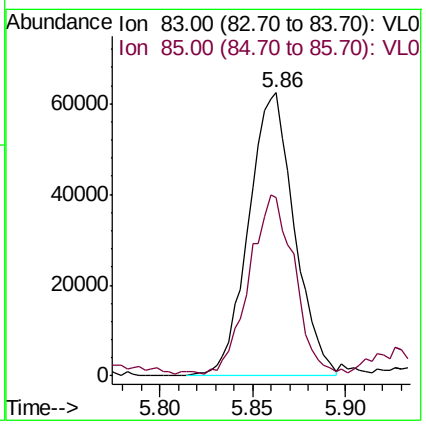


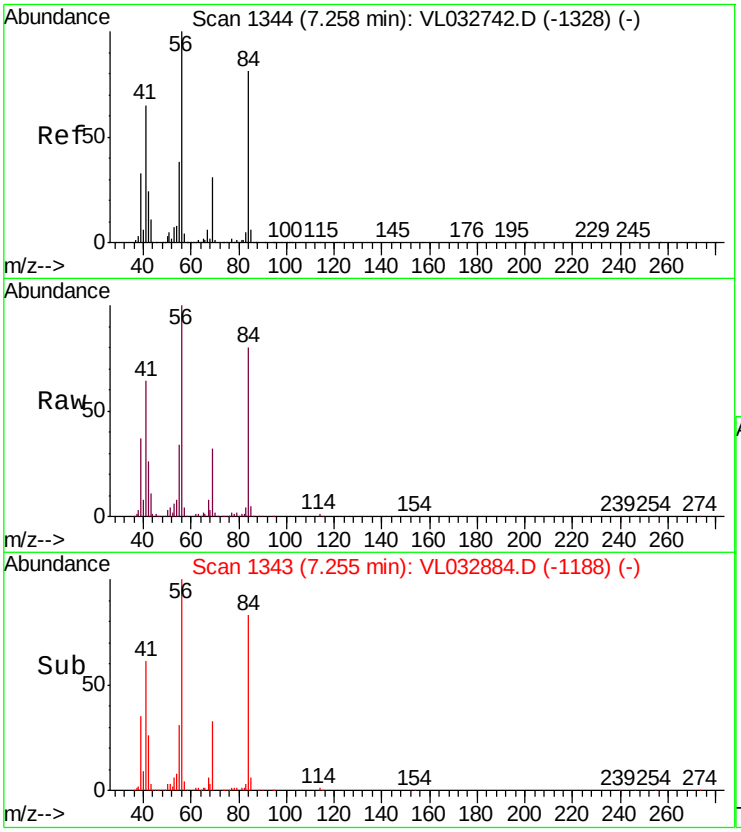


#29
Chloroform
Concen: 0.478 ppbv
RT: 5.86 min Scan# 910
Delta R.T. 0.00 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Tgt Ion: 83 Resp: 107548

Ion	Ratio	Lower	Upper
83	100		
85	61.6	54.2	81.4



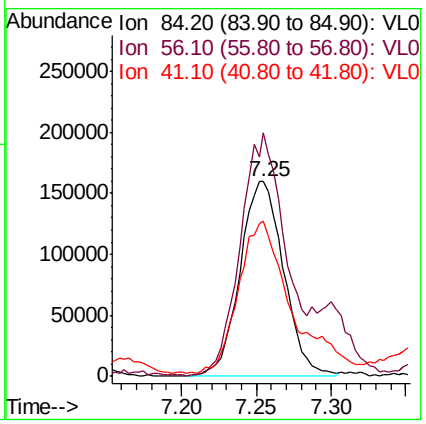


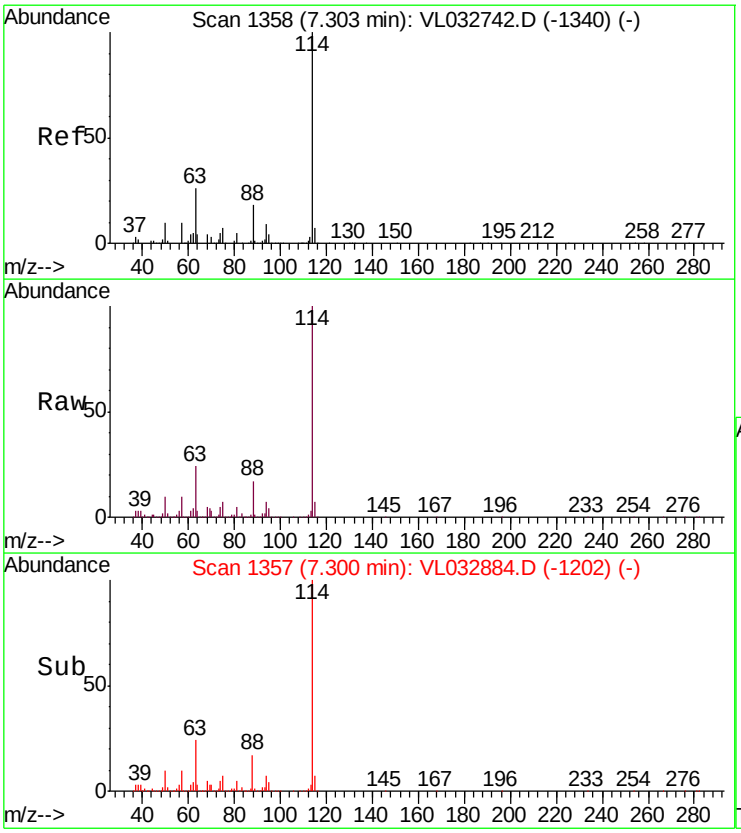
#30
Cyclohexane
Concen: 2.937 ppbv
RT: 7.25 min Scan# 1343
Delta R.T. -0.00 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Instrument :
MSVOA_L
ClientSampleId :
MMSV-04

Tgt Ion: 84 Resp: 324117

Ion	Ratio	Lower	Upper
84	100		
56	157.6	105.0	157.4#
41	98.0	65.3	97.9#

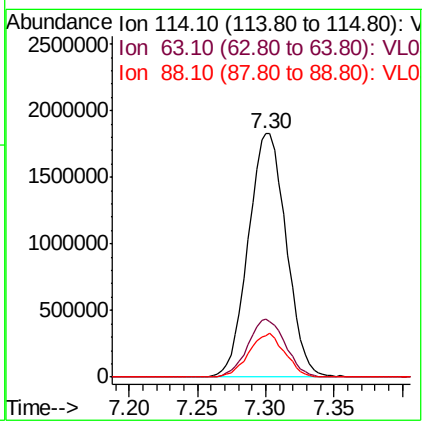


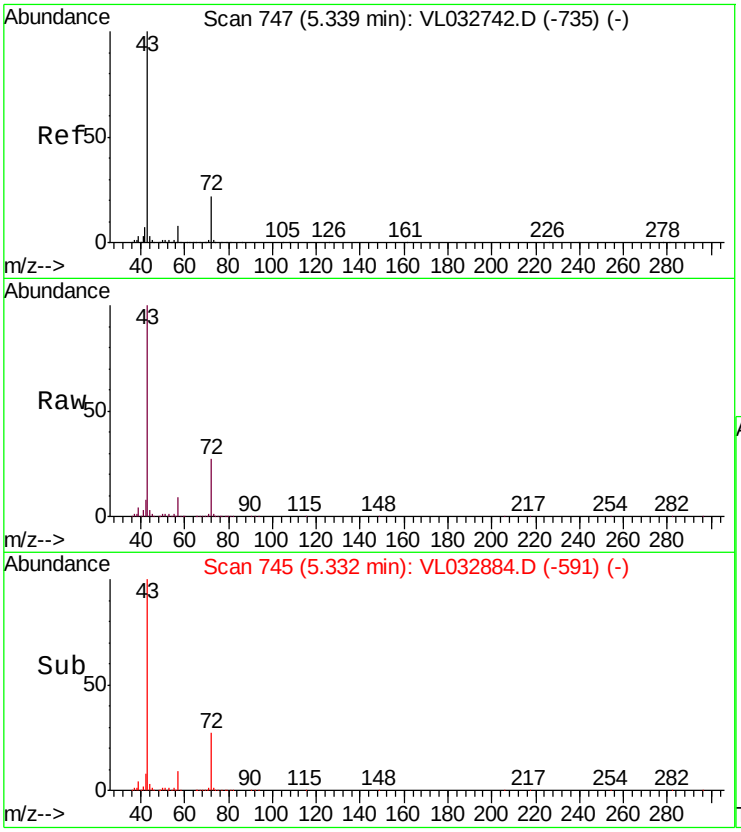


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1357
Delta R.T. -0.00 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Tgt Ion:114 Resp: 3535589

Ion	Ratio	Lower	Upper
114	100		
63	23.7	20.9	31.3
88	17.2	14.4	21.6



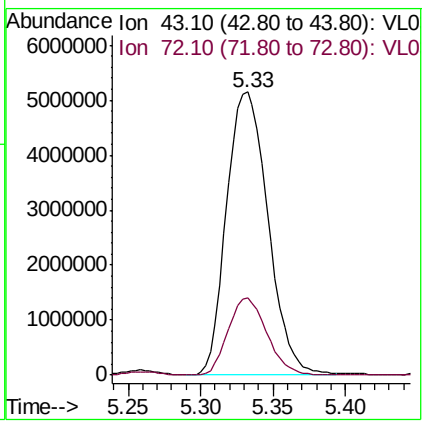


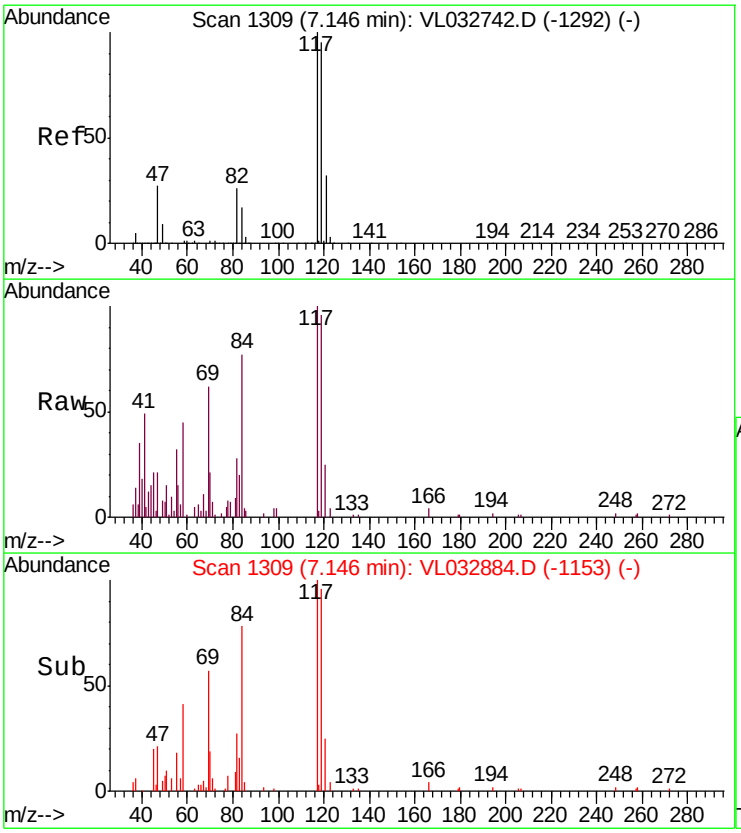
#34
2-Butanone
Concen: 55.789 ppbv
RT: 5.33 min Scan# 745
Delta R.T. -0.01 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Instrument :
MSVOA_L
ClientSampleId :
MMSV-04

Tgt Ion: 43 Resp:10230389

Ion	Ratio	Lower	Upper
43	100		
72	25.7	18.4	27.6

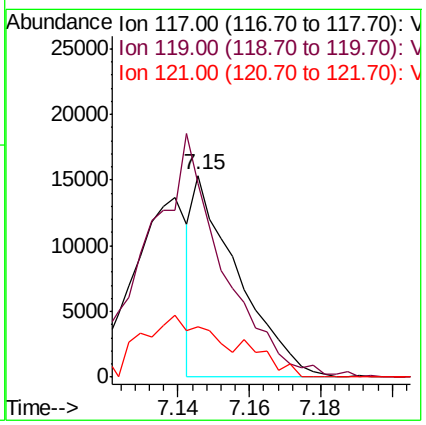


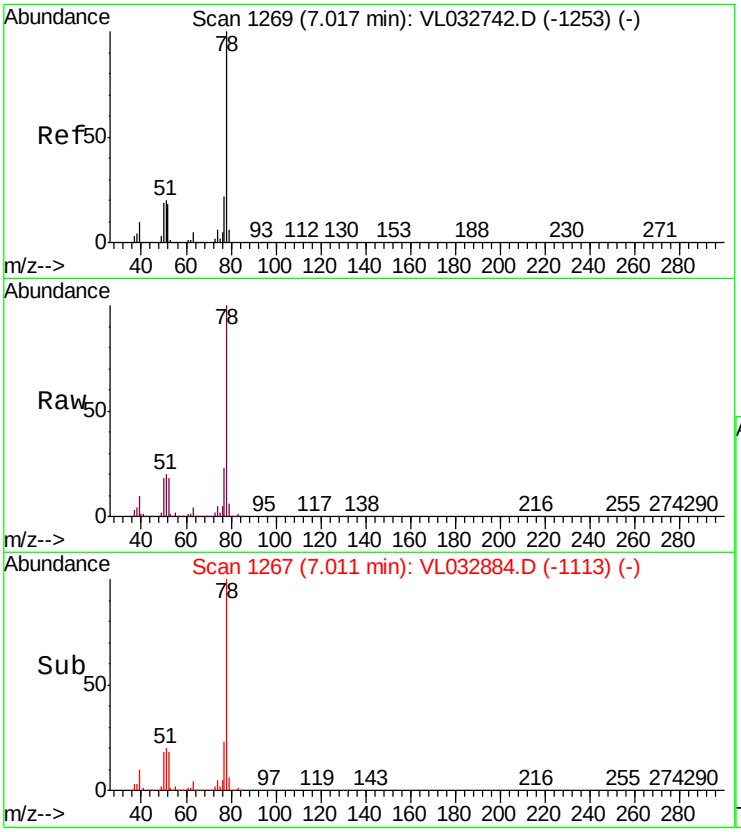


#35
Carbon Tetrachloride
Concen: 0.047 ppbv
RT: 7.15 min Scan# 1309
Delta R.T. 0.00 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Tgt Ion:117 Resp: 13309

Ion	Ratio	Lower	Upper
117	100		
119	91.4	76.1	114.1
121	24.3	25.4	38.0#



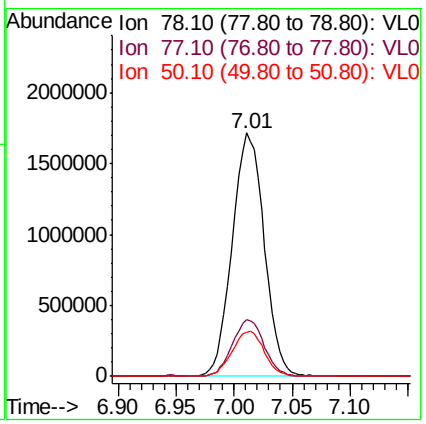


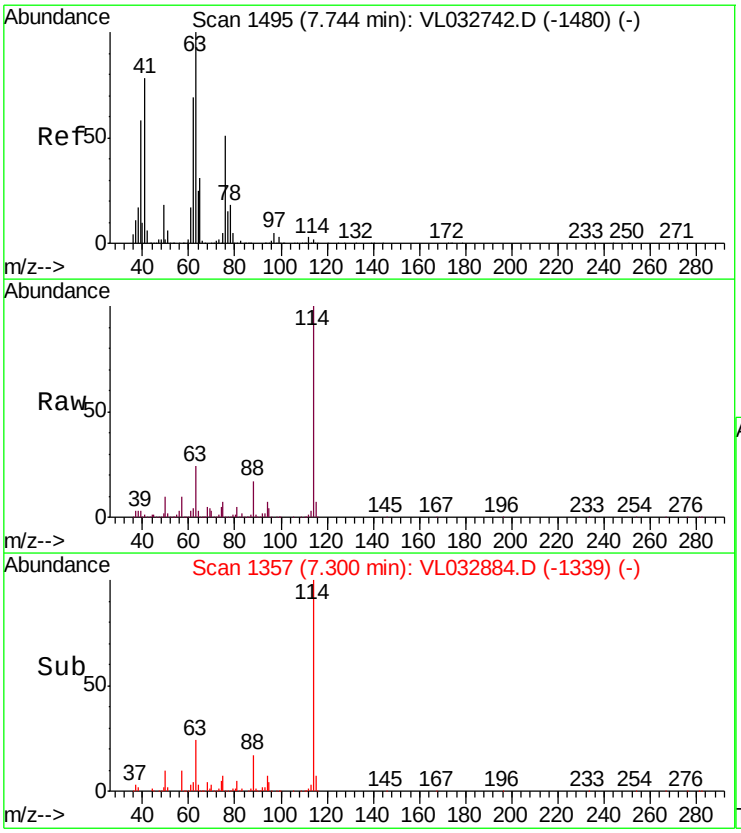
#36
Benzene
Concen: 11.615 ppbv
RT: 7.01 min Scan# 1267
Delta R.T. -0.01 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Instrument :
MSVOA_L
ClientSampleId :
MMSV-04

Tgt Ion: 78 Resp: 3270212

Ion	Ratio	Lower	Upper
78	100		
77	23.4	17.8	26.8
50	18.1	15.4	23.0

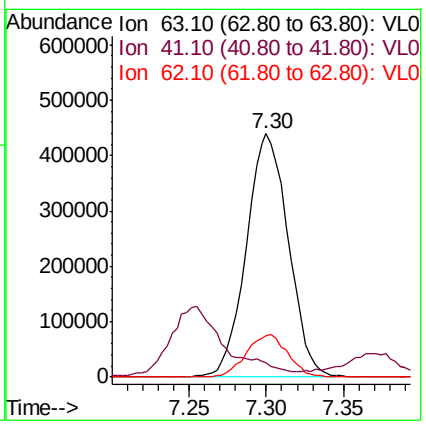


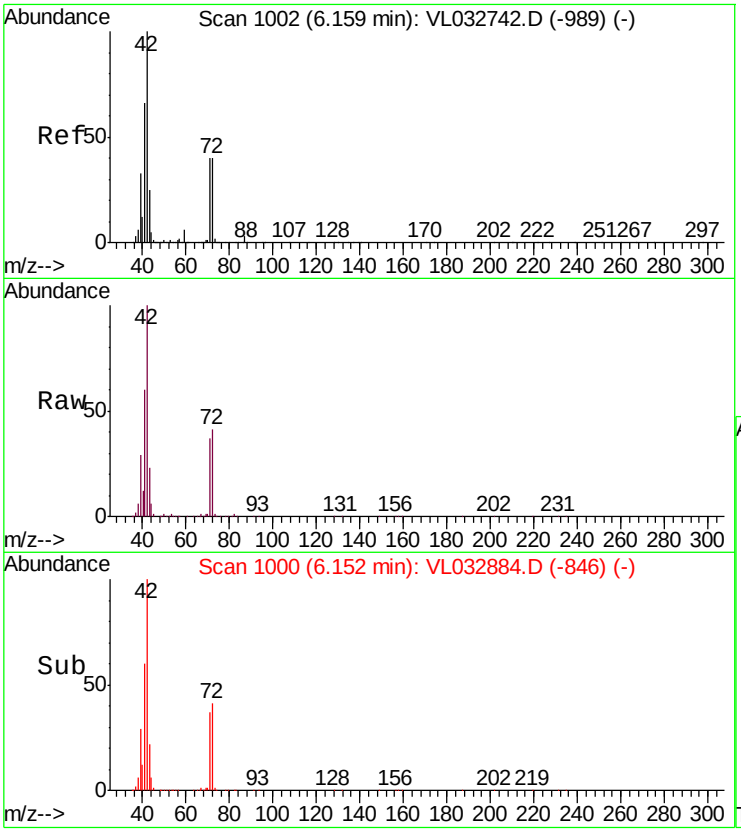


#39
1,2-Dichloropropane
Concen: 7.678 ppbv
RT: 7.30 min Scan# 1357
Delta R.T. -0.44 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Tgt Ion: 63 Resp: 823601

Ion	Ratio	Lower	Upper
63	100		
41	1.8	62.0	93.0#
62	16.8	55.4	83.2#



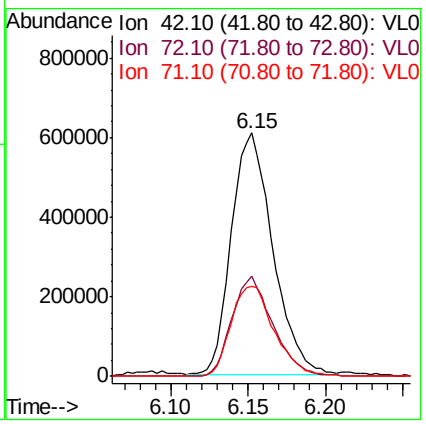


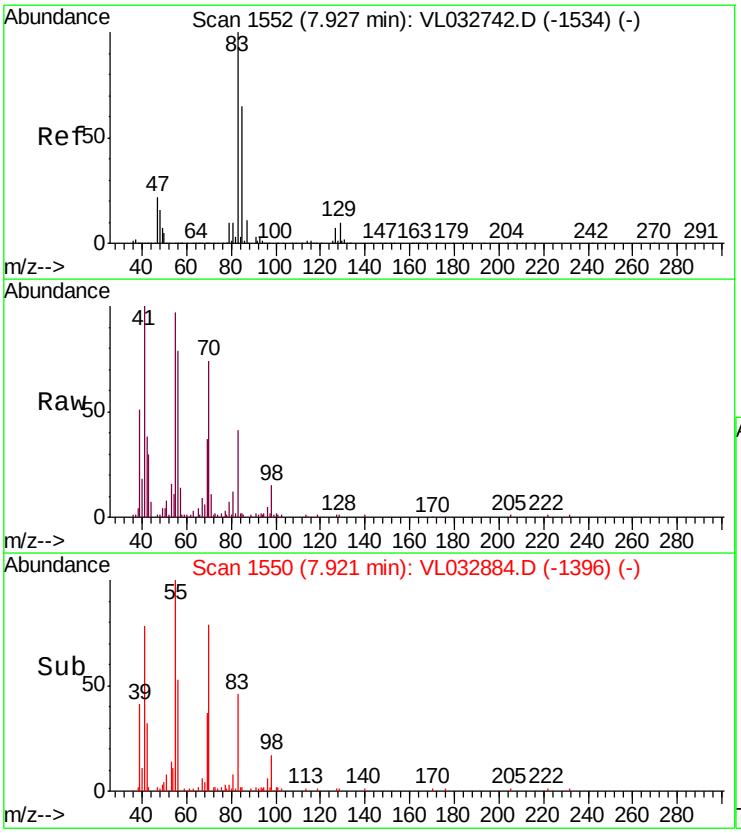
#41
Tetrahydrofuran
Concen: 10.759 ppbv
RT: 6.15 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Instrument :
MSVOA_L
ClientSampleId :
MMSV-04

Tgt Ion: 42 Resp: 1131721

Ion	Ratio	Lower	Upper
42	100		
72	40.9	32.4	48.6
71	39.2	31.6	47.4

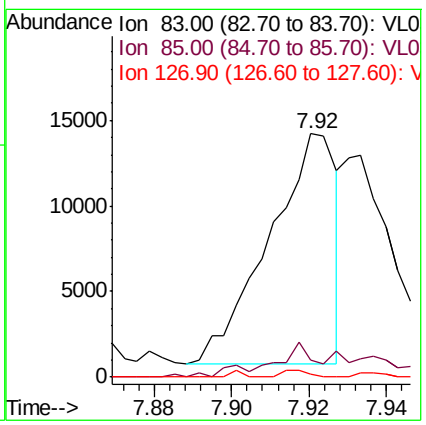


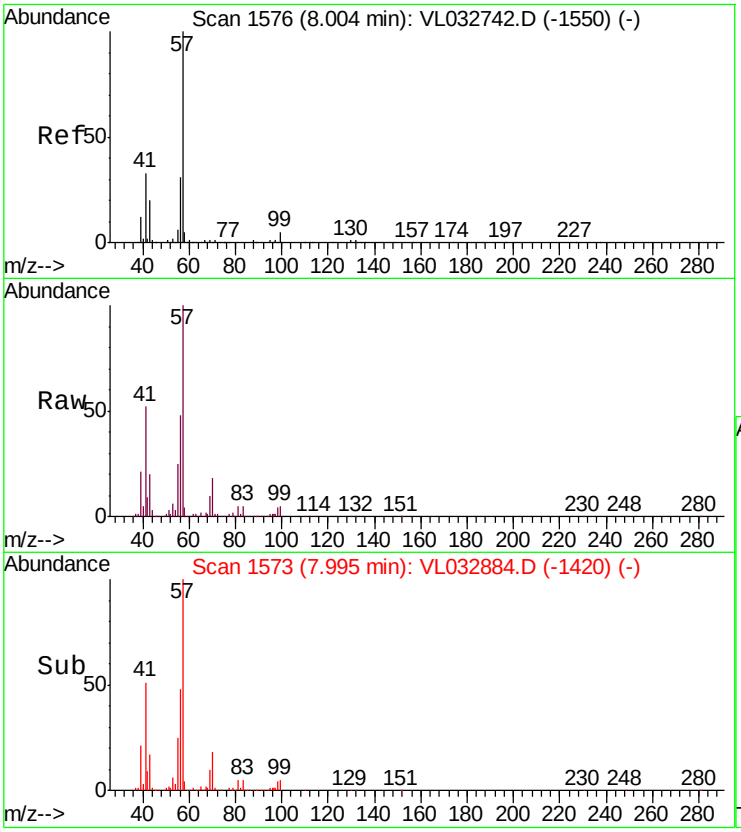


#42
Bromodichloromethane
Concen: 0.063 ppbv
RT: 7.92 min Scan# 1550
Delta R.T. -0.01 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Tgt Ion: 83 Resp: 16300

Ion	Ratio	Lower	Upper
83	100		
85	7.7	51.8	77.8#
127	1.5	5.9	8.9#



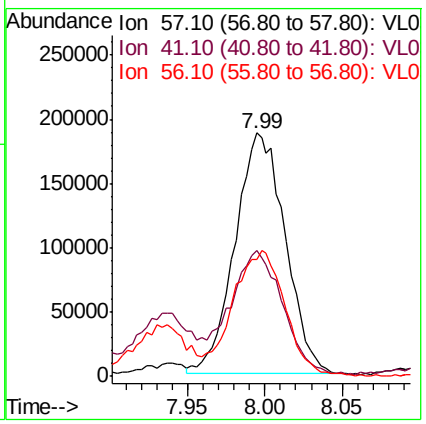


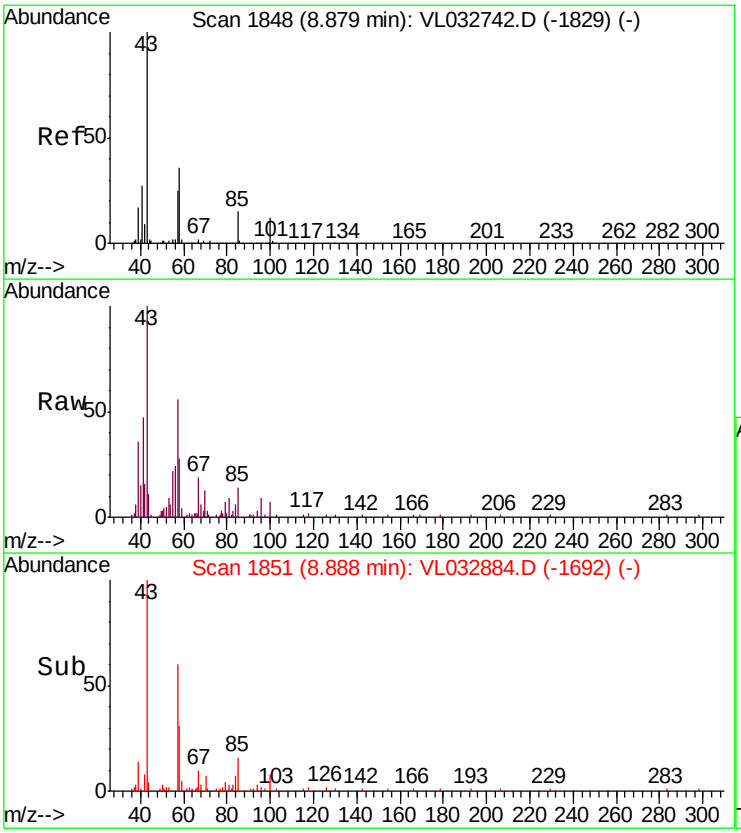
#44
2,2,4-Trimethylpentane
Concen: 0.891 ppbv
RT: 7.99 min Scan# 1573
Delta R.T. -0.01 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Instrument :
MSVOA_L
ClientSampleId :
MMSV-04

Tgt Ion: 57 Resp: 419330

Ion	Ratio	Lower	Upper
57	100		
41	54.1	26.6	39.8#
56	54.1	24.8	37.2#

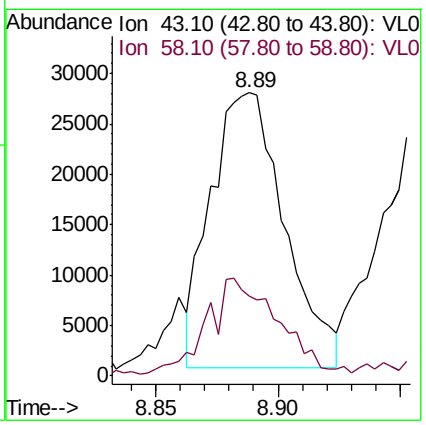


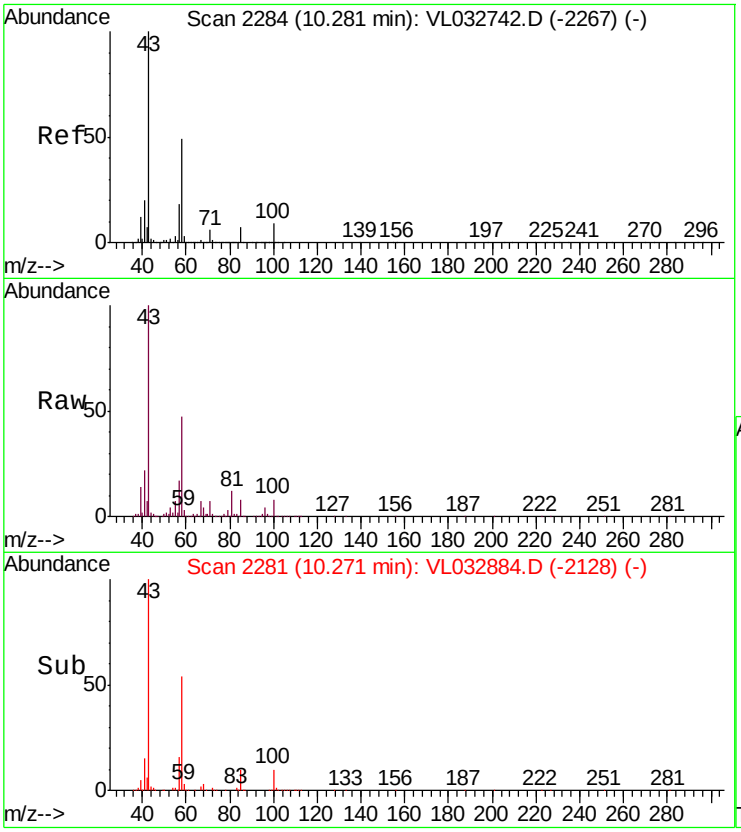


#50
4-Methyl-2-Pentanone
Concen: 0.201 ppbv
RT: 8.89 min Scan# 1851
Delta R.T. 0.01 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Tgt Ion: 43 Resp: 57471

Ion	Ratio	Lower	Upper
43	100		
58	35.8	28.8	43.2



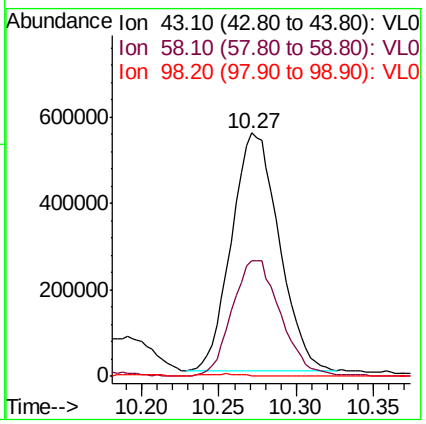


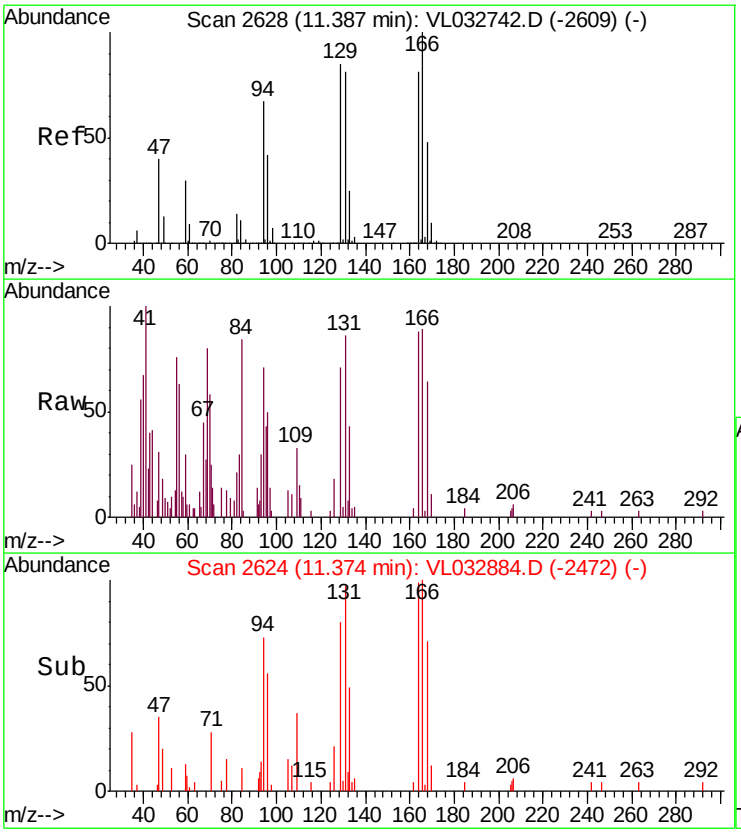
#51
2-Hexanone
Concen: 6.423 ppbv
RT: 10.27 min Scan# 2281
Delta R.T. -0.01 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Instrument :
MSVOA_L
ClientSampleId :
MMSV-04

Tgt Ion: 43 Resp: 1185148

Ion	Ratio	Lower	Upper
43	100		
58	50.0	38.9	58.3
98	1.1	0.2	0.4#

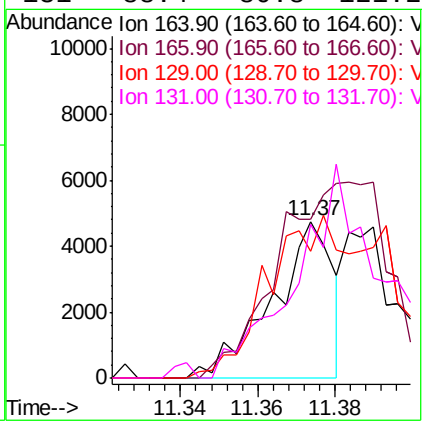


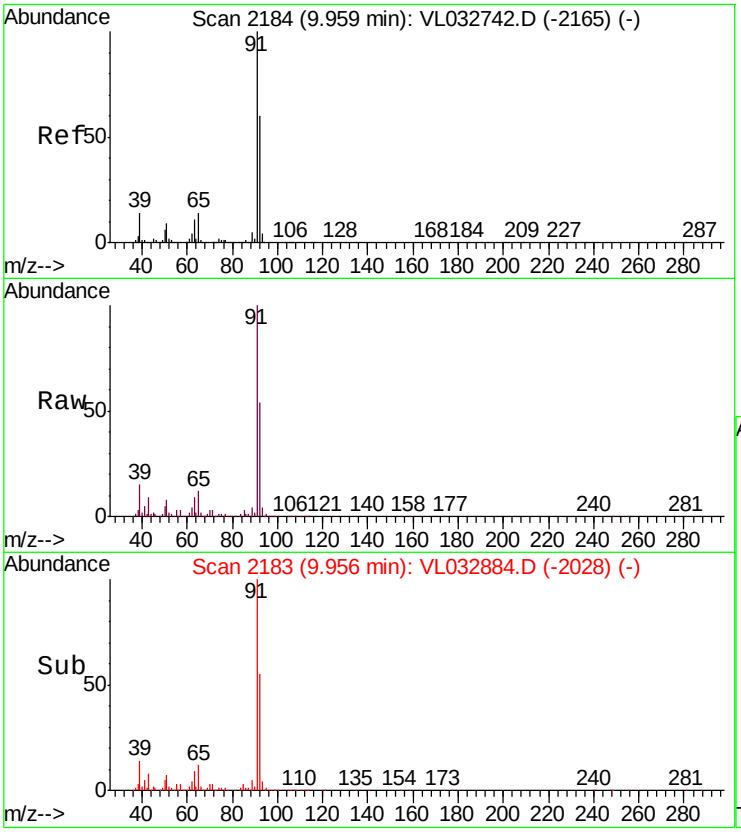


#52
Tetrachloroethene
Concen: 0.052 ppbv
RT: 11.37 min Scan# 2624
Delta R.T. -0.01 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Tgt Ion:164 Resp: 5124

Ion	Ratio	Lower	Upper
164	100		
166	101.2	99.3	148.9
129	81.1	83.9	125.9#
131	88.4	80.8	121.2



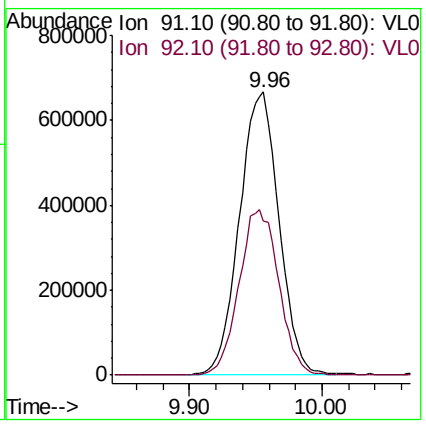


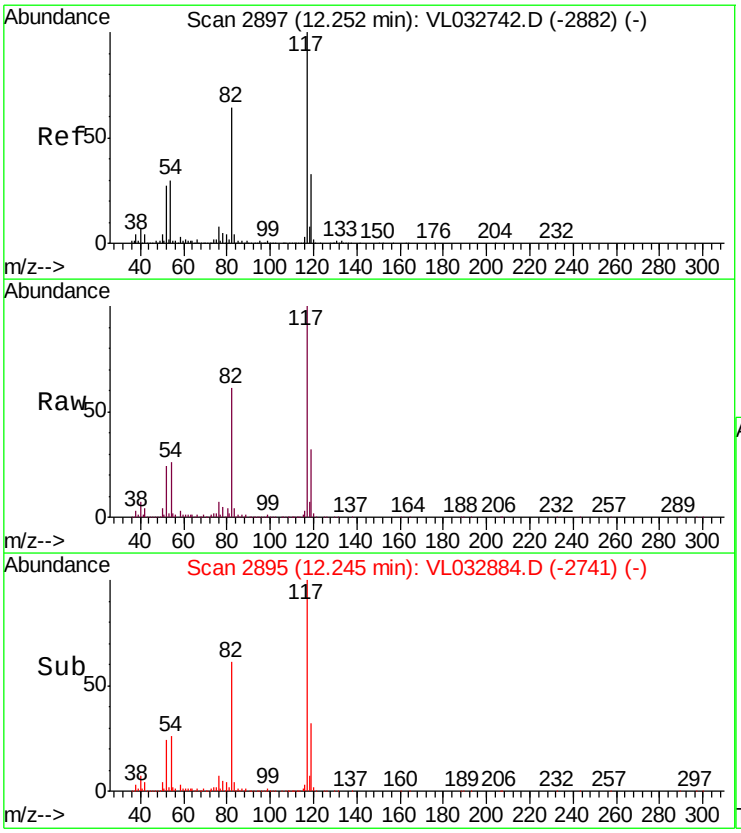
#53
Toluene
Concen: 4.700 ppbv
RT: 9.96 min Scan# 2183
Delta R.T. -0.00 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Instrument : MSVOA_L
ClientSampleId : MMSV-04

Tgt Ion: 91 Resp: 1380576

Ion	Ratio	Lower	Upper
91	100		
92	59.1	47.9	71.9

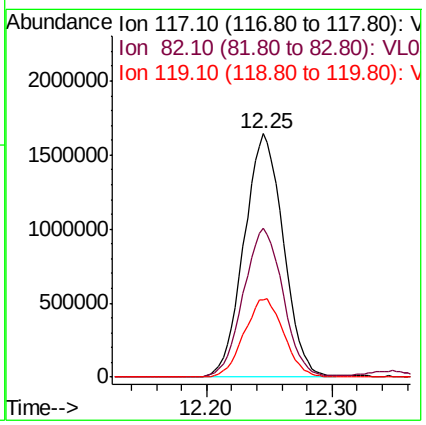


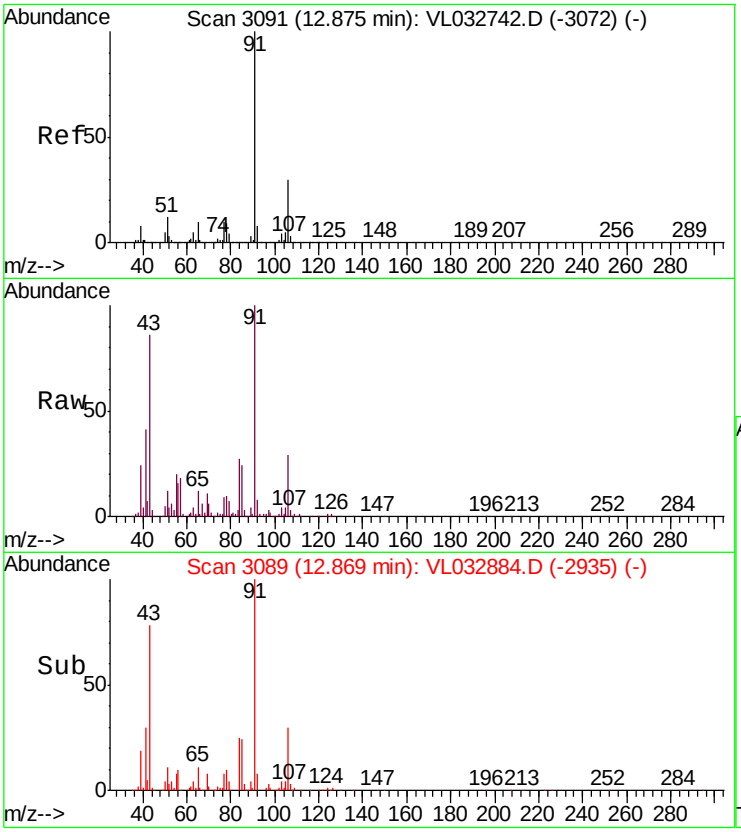


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2895
Delta R.T. -0.01 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Tgt Ion:117 Resp: 3581443

Ion	Ratio	Lower	Upper
117	100		
82	61.6	51.0	76.6
119	32.7	28.0	42.0



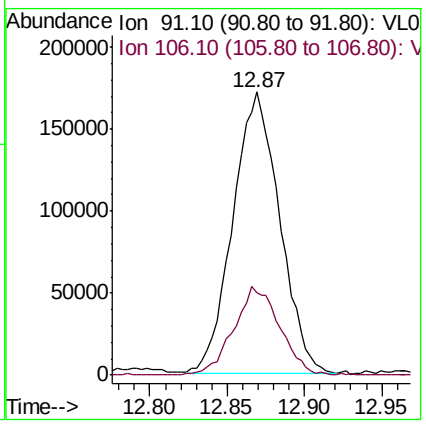


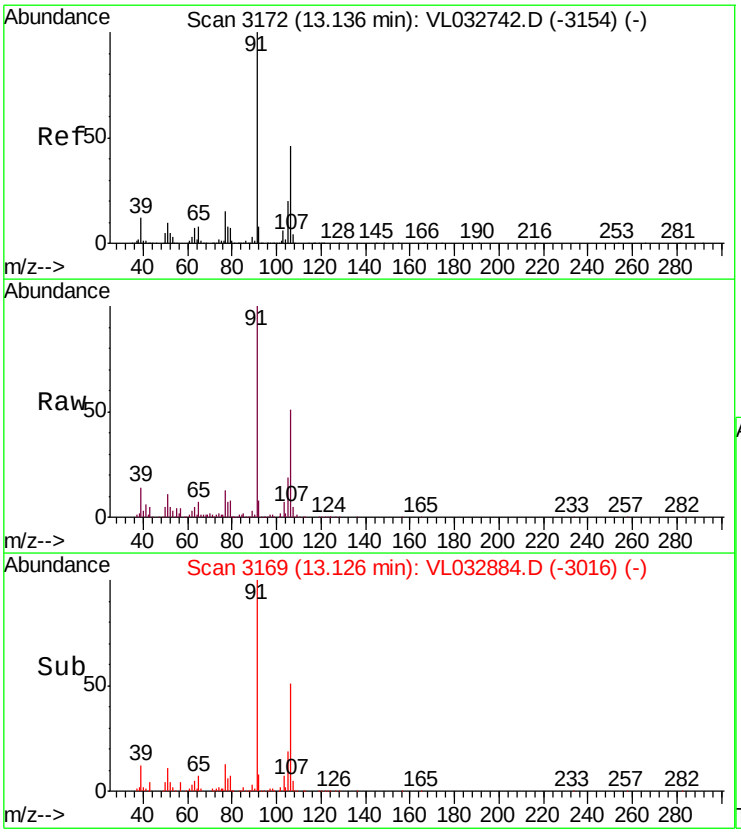
#58
Ethyl Benzene
Concen: 0.835 ppbv
RT: 12.87 min Scan# 3089
Delta R.T. -0.01 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Instrument : MSVOA_L
ClientSampleId : MMSV-04

Tgt Ion: 91 Resp: 359854

Ion	Ratio	Lower	Upper
91	100		
106	29.1	23.6	35.4

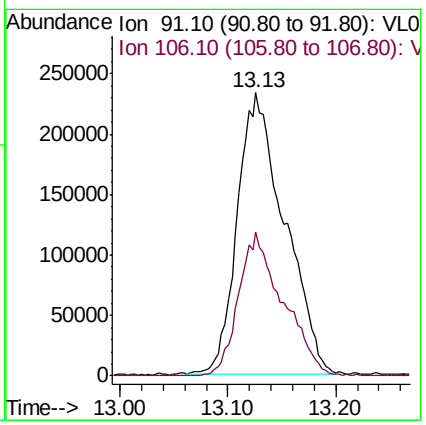


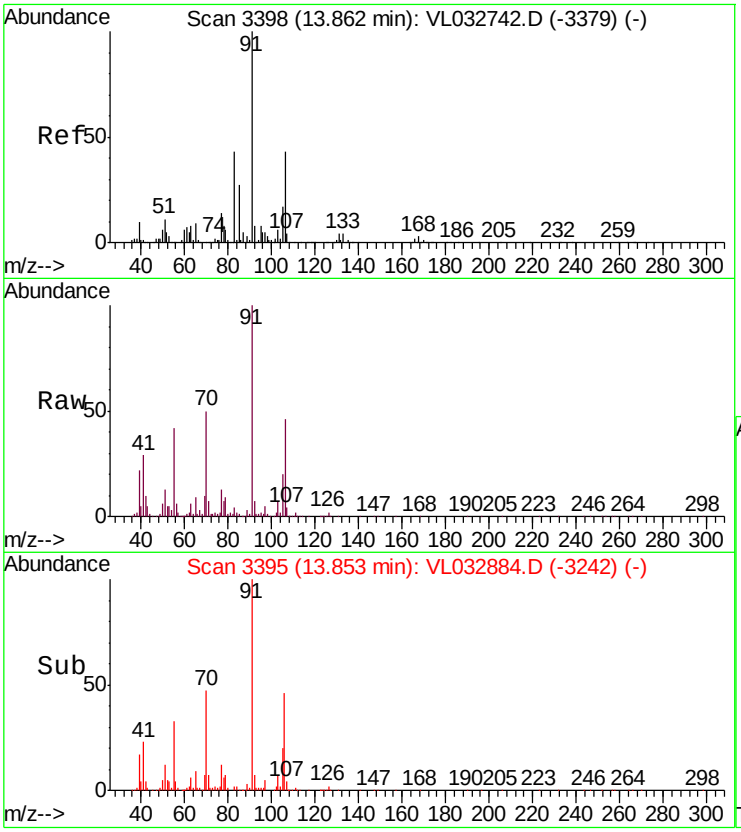


#59
m/p-Xylene
Concen: 1.838 ppbv
RT: 13.13 min Scan# 3169
Delta R.T. -0.01 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Tgt Ion: 91 Resp: 705215

Ion	Ratio	Lower	Upper
91	100		
106	48.2	36.1	54.1



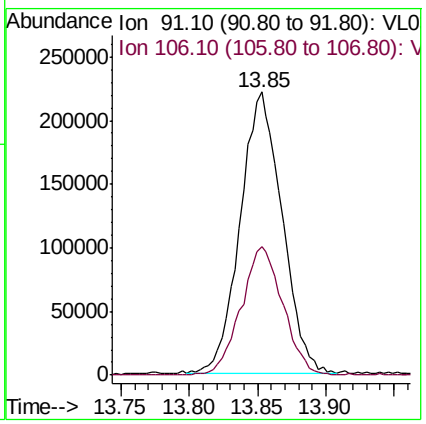


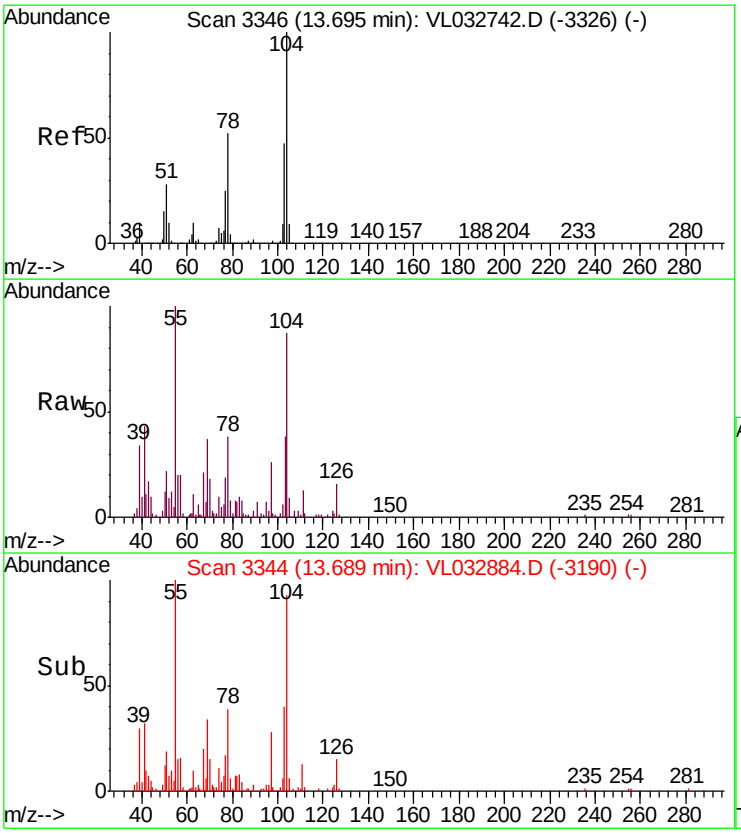
#60
o-Xylene
Concen: 1.216 ppbv
RT: 13.85 min Scan# 3395
Delta R.T. -0.01 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Instrument :
MSVOA_L
ClientSampleId :
MMSV-04

Tgt Ion: 91 Resp: 469305

Ion	Ratio	Lower	Upper
91	100		
106	46.0	21.9	65.7

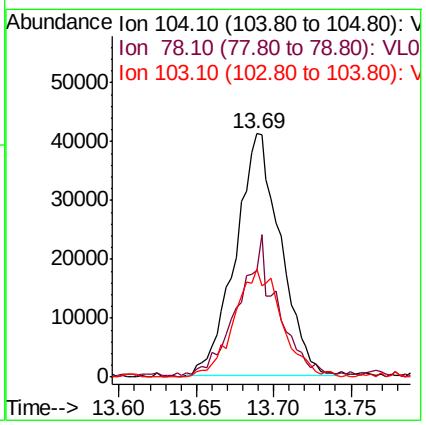


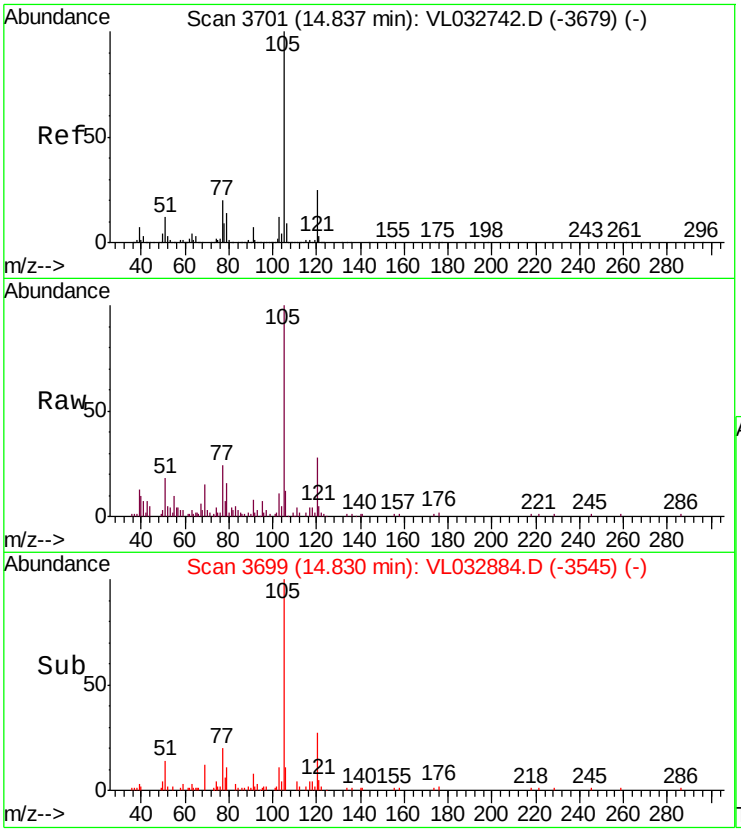


#61
Styrene
Concen: 0.334 ppbv
RT: 13.69 min Scan# 3344
Delta R.T. -0.01 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Tgt Ion:104 Resp: 83831

Ion	Ratio	Lower	Upper
104	100		
78	50.0	42.2	63.4
103	47.6	38.2	57.2



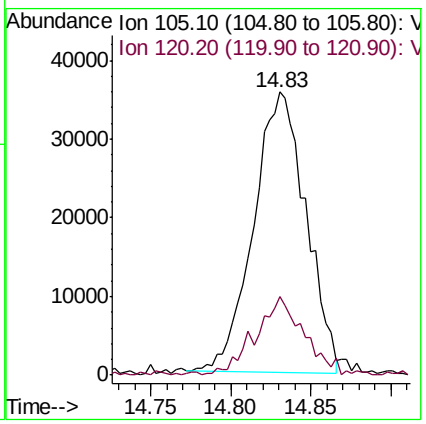


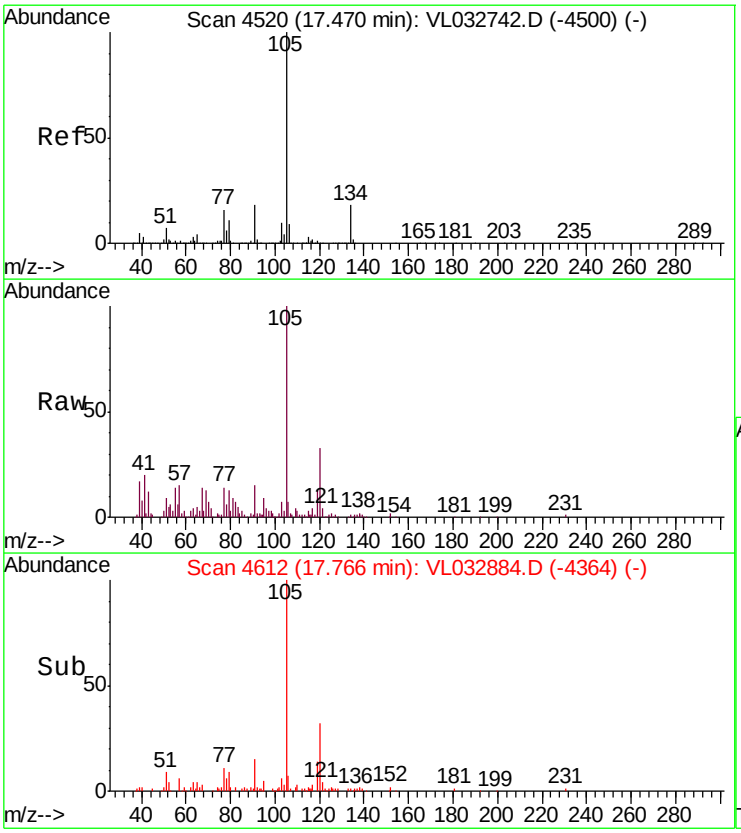
#62
Isopropylbenzene
Concen: 0.155 ppbv
RT: 14.83 min Scan# 3699
Delta R.T. -0.01 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Instrument :
MSVOA_L
ClientSampleId :
MMSV-04

Tgt Ion:105 Resp: 80678

Ion	Ratio	Lower	Upper
105	100		
120	26.5	20.1	30.1

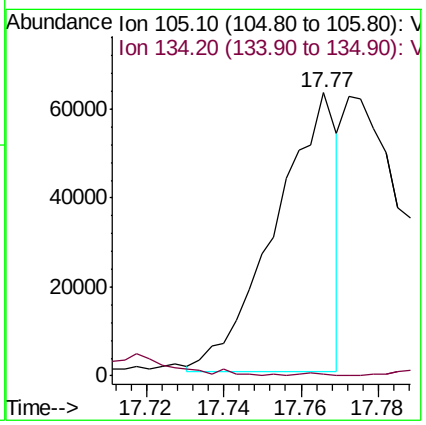


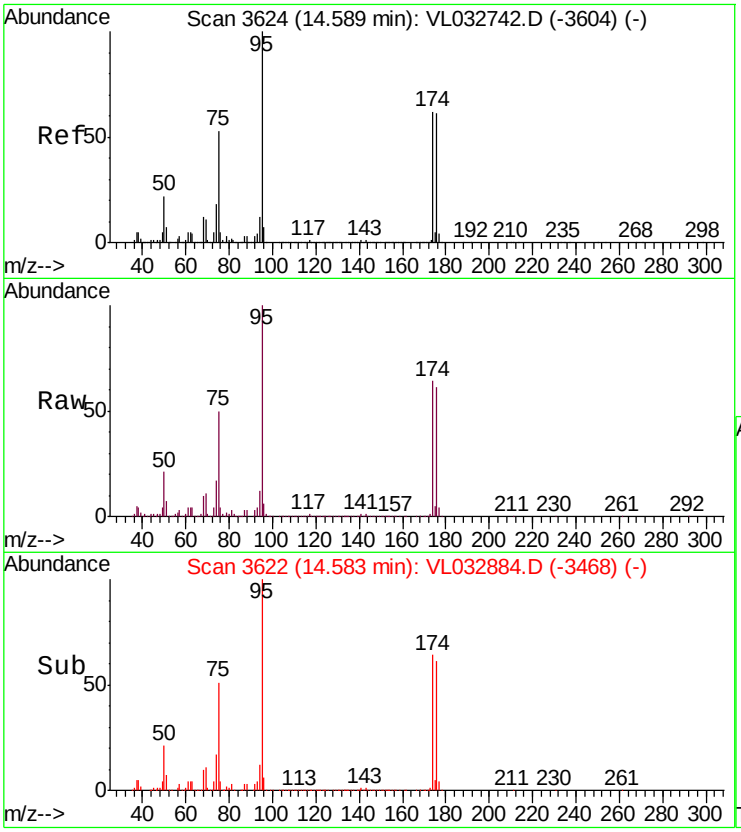


#67
sec-Butylbenzene
Concen: 0.104 ppbv
RT: 17.77 min Scan# 4612
Delta R.T. 0.30 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Tgt Ion:105 Resp: 69772

Ion	Ratio	Lower	Upper
105	100		
134	17.9	14.6	21.8



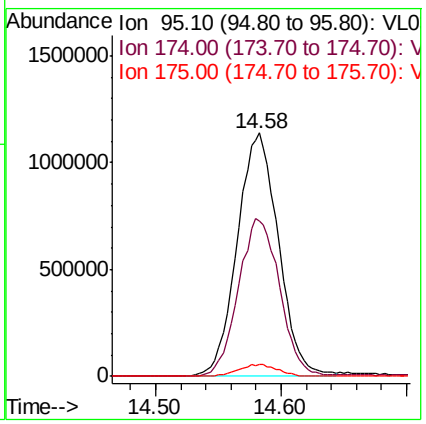


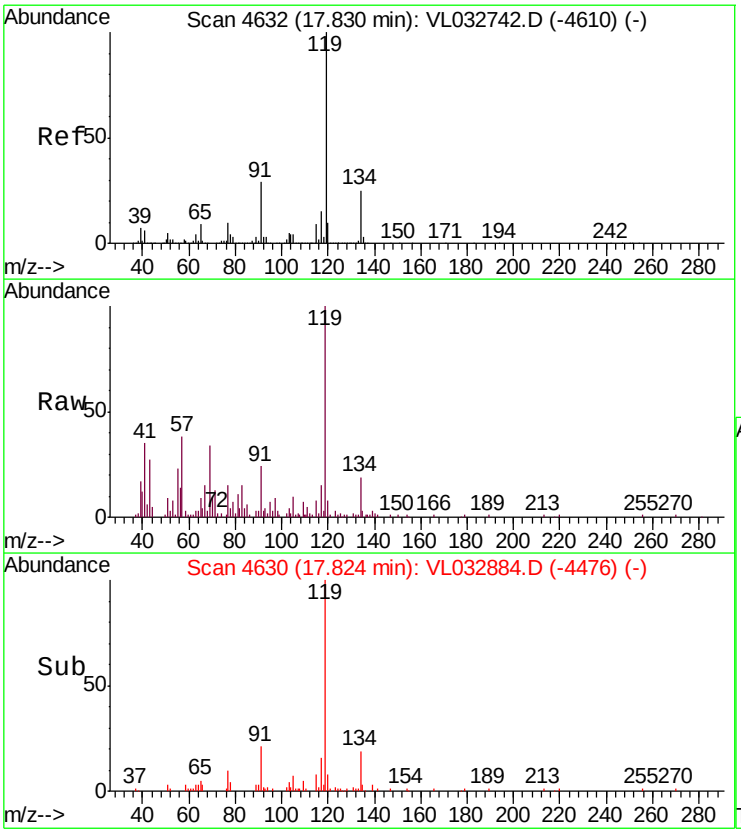
#68
1-Bromo-4-Fluorobenzene
Concen: 9.694 ppbv
RT: 14.58 min Scan# 3622
Delta R.T. -0.01 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Instrument :
MSVOA_L
ClientSampleId :
MMSV-04

Tgt Ion: 95 Resp: 2596872

Ion	Ratio	Lower	Upper
95	100		
174	66.1	50.7	76.1
175	4.7	3.8	5.6

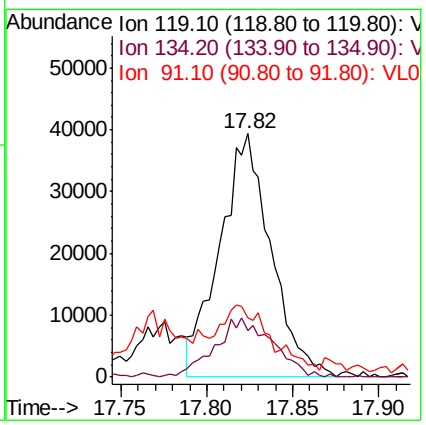


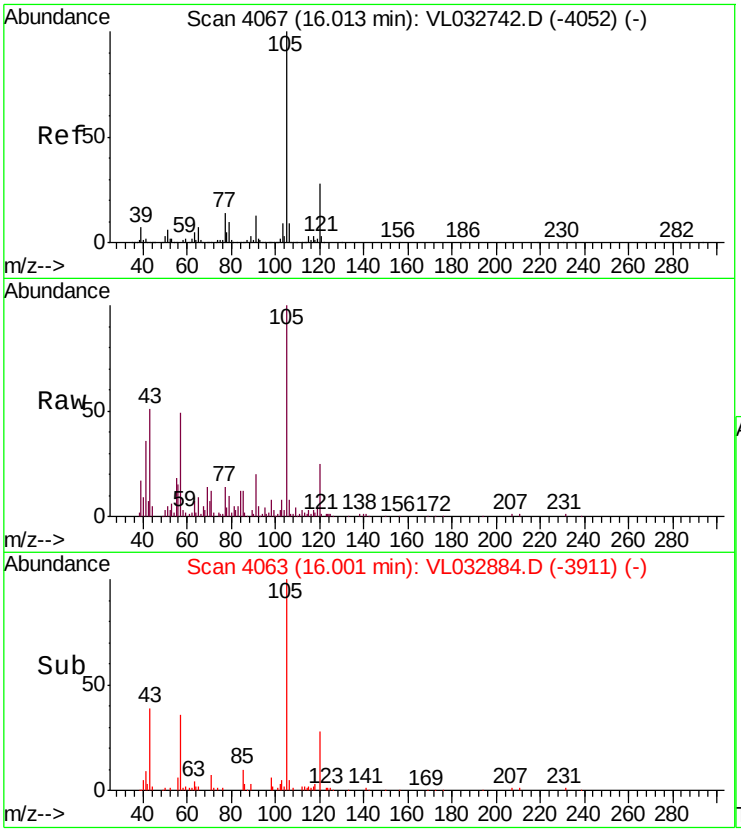


#69
p-Isopropyltoluene
Concen: 0.151 ppbv
RT: 17.82 min Scan# 4630
Delta R.T. -0.01 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Tgt Ion:119 Resp: 80834

Ion	Ratio	Lower	Upper
119	100		
134	27.9	20.2	30.4
91	31.3	23.5	35.3



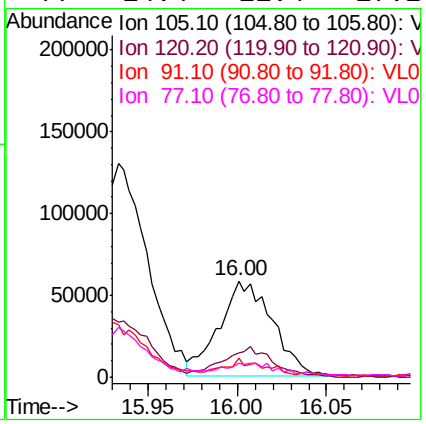


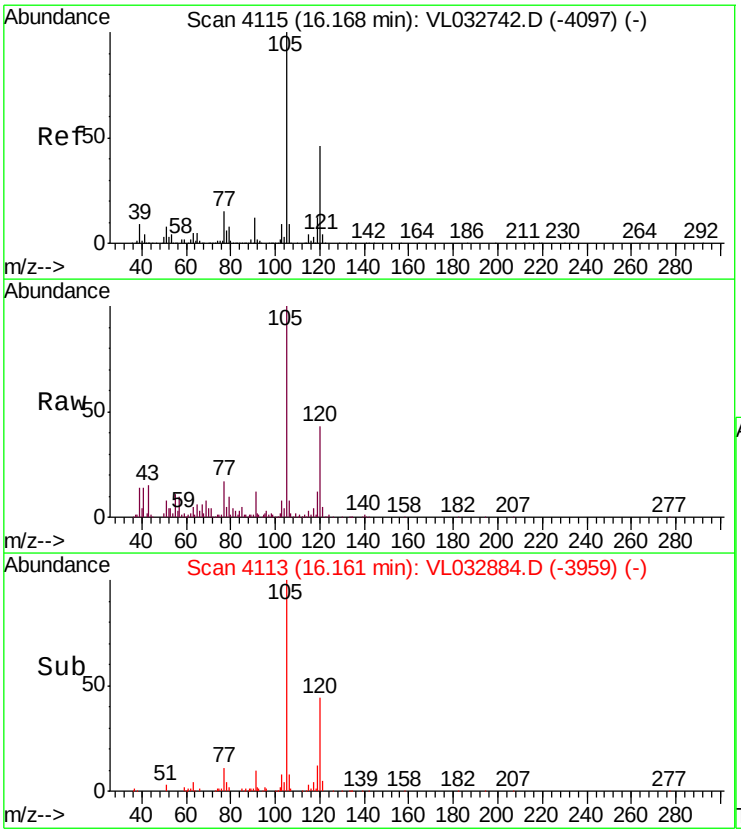
#72
4-Ethyltoluene
Concen: 0.289 ppbv
RT: 16.00 min Scan# 4063
Delta R.T. -0.01 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Instrument :
MSVOA_L
ClientSampleId :
MMSV-04

Tgt Ion:105 Resp: 122275

Ion	Ratio	Lower	Upper
105	100		
120	30.1	22.9	34.3
91	15.3	10.6	15.8
77	14.4	11.4	17.2

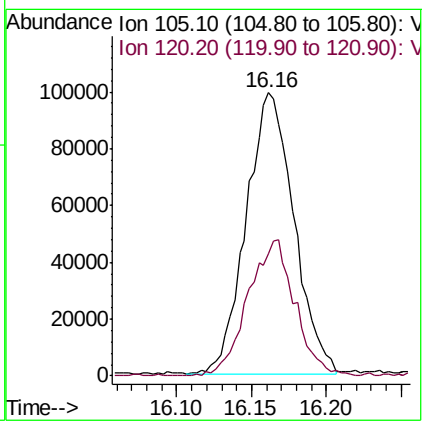


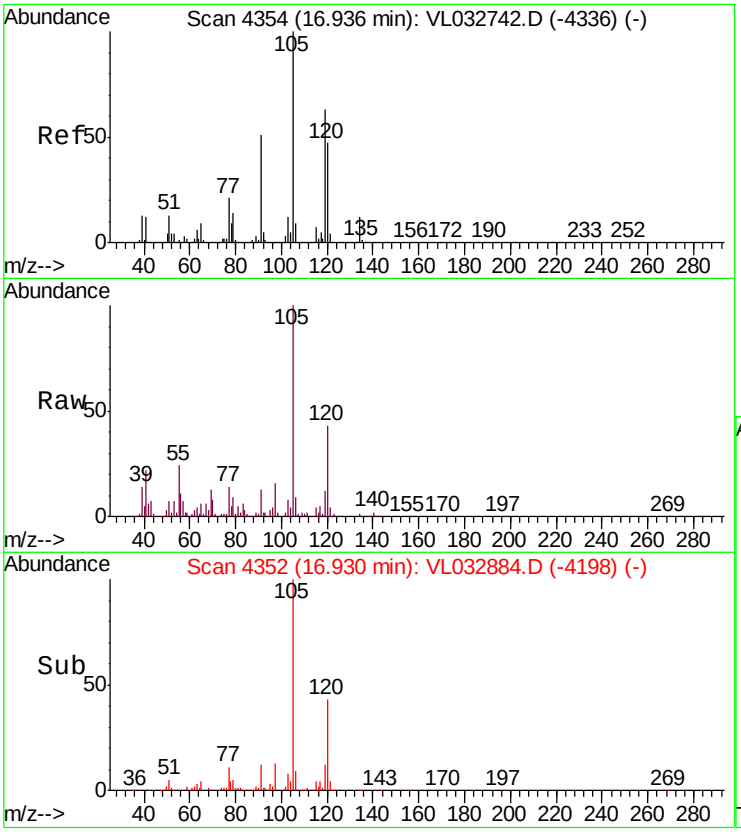


#73
1,3,5-Trimethylbenzene
Concen: 0.532 ppbv
RT: 16.16 min Scan# 4113
Delta R.T. -0.01 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Tgt Ion:105 Resp: 219815

Ion	Ratio	Lower	Upper
105	100		
120	43.4	36.6	55.0



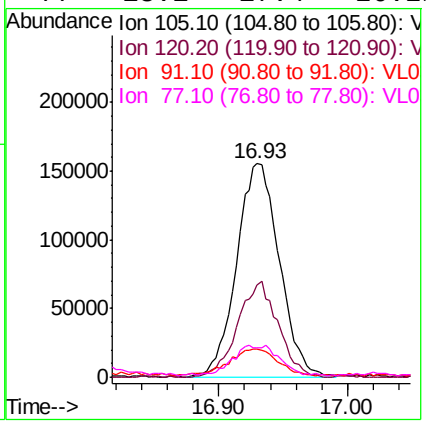


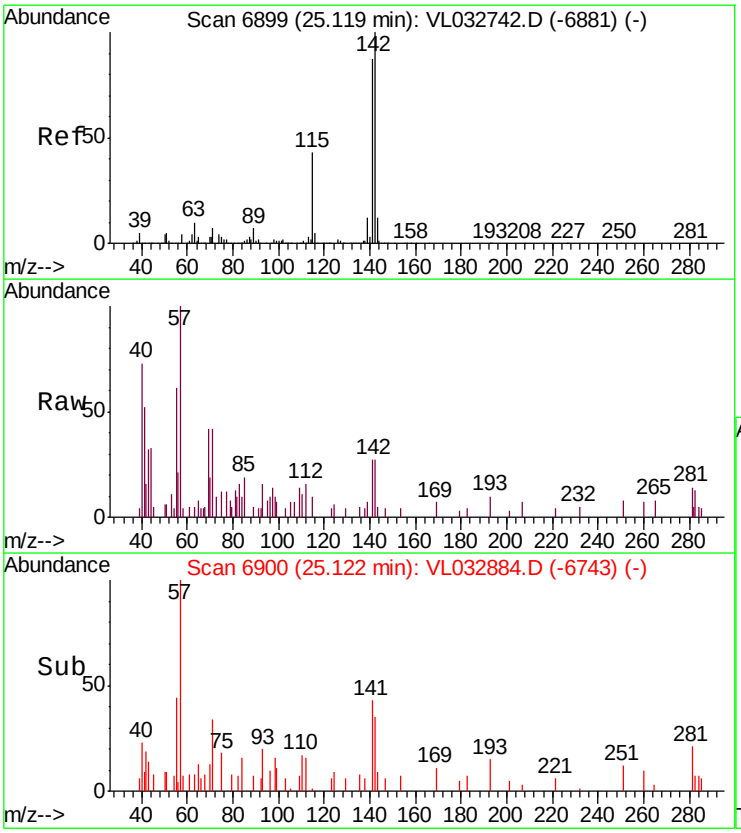
#74
1,2,4-Trimethylbenzene
Concen: 0.805 ppbv
RT: 16.93 min Scan# 4352
Delta R.T. -0.01 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Instrument :
MSVOA_L
ClientSampleId :
MMSV-04

Tgt Ion:105 Resp: 356371

Ion	Ratio	Lower	Upper
105	100		
120	42.9	37.6	56.4
91	12.1	42.5	63.7#
77	13.1	17.4	26.2#





#80
Naphthalene,2-methyl-
Concen: 0.042 ppbv
RT: 25.12 min Scan# 6900
Delta R.T. 0.00 min
Lab File: VL032884.D
Acq: 4 Dec 2018 20:04

Tgt Ion:142 Resp: 3025

Ion	Ratio	Lower	Upper
142	100		
141	85.8	68.7	103.1
115	80.3	35.5	53.3#