Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL121317\
Data File : VL031225.D
Acq On : 14 Dec 2017 10:32
Operator : SY/AP
Sample : I6769-03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Dec 15 05:14:09 2017
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL121317AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Dec 14 04:29:58 2017
QLast Update : Thu Dec 14 04:29:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.91	49	1521110	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.45	114	3702618	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.41	117	2789860	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.75	95	2397365	12.08	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 120.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.18	85	93272	0.726	ppbv		100
3) Chlorodifluoromethane	3.12	51	92010	0.532	ppbv	#	89
4) Chloromethane	3.28	50	24277	0.260	ppbv	#	83
8) Dichlorotetrafluoroethane	3.32	85	5423	0.030	ppbv	#	83
9) Propene	3.15	41	67783	0.799	ppbv	#	73
10) Heptane	8.41	43	47315	0.183	ppbv		100
11) Trichlorofluoromethane	4.13	101	65594	0.311	ppbv		92
12) 1,1,2-Trichlorotrifluoroet	4.68	101	6869	0.046	ppbv	#	14
13) Ethanol	3.77	45	283015	11.560	ppbv		99
15) Acetone	4.02	43	4129326	20.570	ppbv		98
16) 1,3-Butadiene	3.46	39	69940	0.810	ppbv	#	19
17) tert-Butyl alcohol	4.50	59	69159	0.614	ppbv	#	94
19) Isopropyl Alcohol	4.16	45	269765	2.123	ppbv	#	41
20) Methylene Chloride	4.54	84	407220	6.130	ppbv		96
23) Vinyl Acetate	5.29	43	21952	0.068	ppbv	#	48
25) Ethyl Acetate	5.93	43	595338	1.452	ppbv	#	81
26) Hexane	5.93	57	768122	3.949	ppbv	#	47
27) Carbon Disulfide	4.76	76	35504	0.182	ppbv	#	45
30) Cyclohexane	7.41	84	21085	0.123	ppbv	#	12
34) 2-Butanone	5.48	43	198053	0.757	ppbv		99
35) Carbon Tetrachloride	7.29	117	97489	0.368	ppbv		97
36) Benzene	7.16	78	86654	0.221	ppbv		98
39) 1,2-Dichloropropane	7.45	63	883955	6.371	ppbv	#	27
43) Methyl Methacrylate	8.29	69	17951	0.137	ppbv	#	1
44) 2,2,4-Trimethylpentane	8.15	57	76787	0.130	ppbv	#	84
50) 4-Methyl-2-Pentanone	9.05	43	33184	0.104	ppbv	#	65
52) Tetrachloroethene	11.54	164	71772	0.496	ppbv		95
53) Toluene	10.11	91	651499	1.530	ppbv		98
58) Ethyl Benzene	13.03	91	3815769	8.284	ppbv		98
59) m/p-Xylene	13.30	91	14157775	38.396	ppbv		97
60) o-Xylene	14.02	91	4174667	11.230	ppbv		99
61) Styrene	13.85	104	15870	0.149	ppbv	#	36
62) Isopropylbenzene	15.00	105	83738	0.172	ppbv		100
64) n-propylbenzene	15.89	120	36023	0.278	ppbv		89
65) tert-Butylbenzene	17.09	119	61073	0.141	ppbv	#	71
66) Benzyl Chloride	17.32	91	1499	0.032	ppbv	#	64
69) p-Isopropyltoluene	17.98	119	17141	0.035	ppbv	#	61
70) n-Butylbenzene	18.89	91	16496	0.035	ppbv	#	9
72) 4-Ethyltoluene	16.17	105	169003	0.415	ppbv	#	96
73) 1,3,5-Trimethylbenzene	16.33	105	184414	0.509	ppbv		95
74) 1,2,4-Trimethylbenzene	17.10	105	530788	1.392	ppbv	#	75

Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL121317\
Data File : VL031225.D
Acq On : 14 Dec 2017 10:32
Operator : SY/AP
Sample : I6769-03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Dec 15 05:14:09 2017
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL121317AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Dec 14 04:29:58 2017
QLast Update : Thu Dec 14 04:29:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Naphthalene,2-methyl-	25.25	142	4276	0.037	ppbv #	69

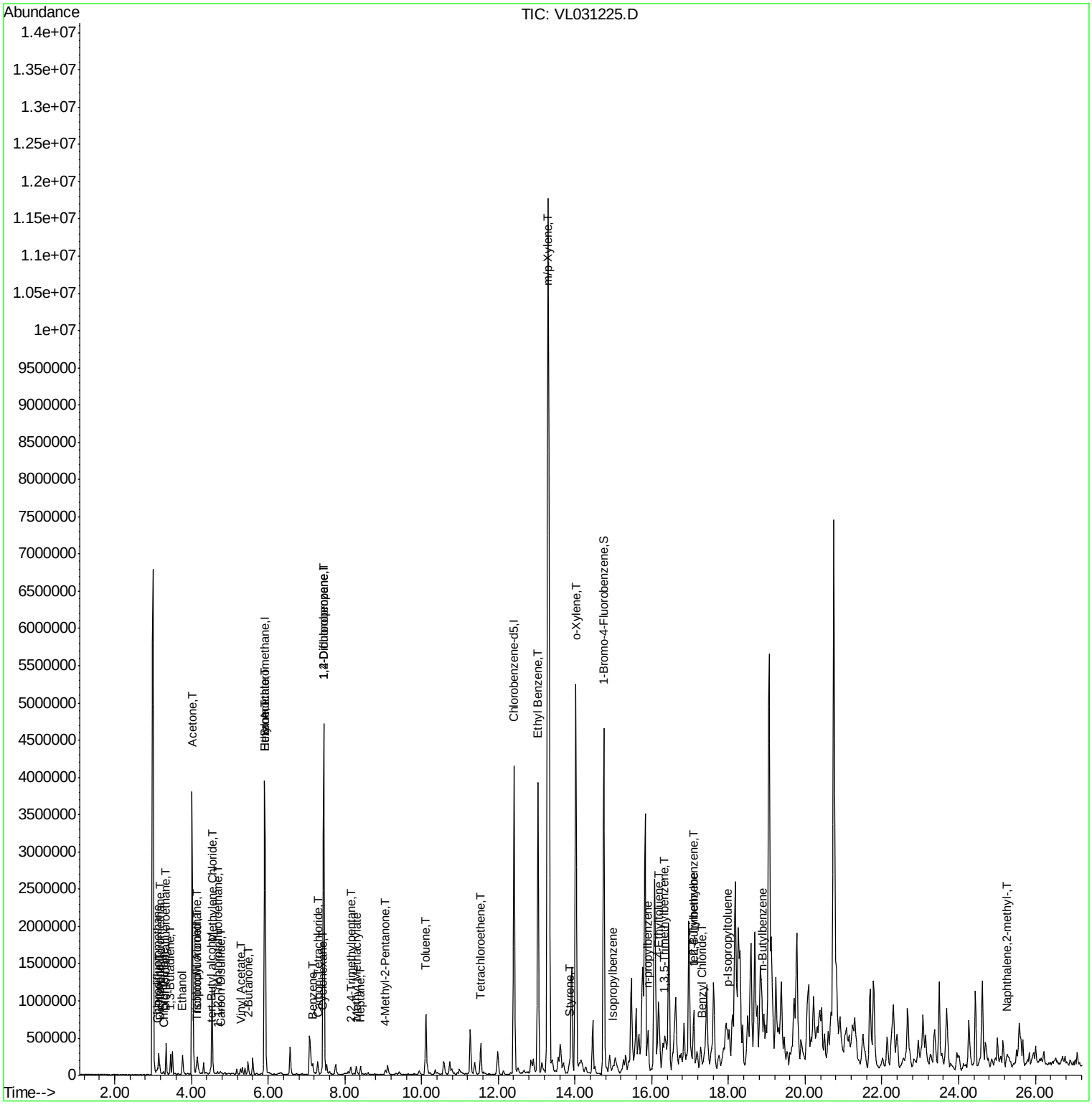
(#) = qualifier out of range (m) = manual integration (+) = signals summed

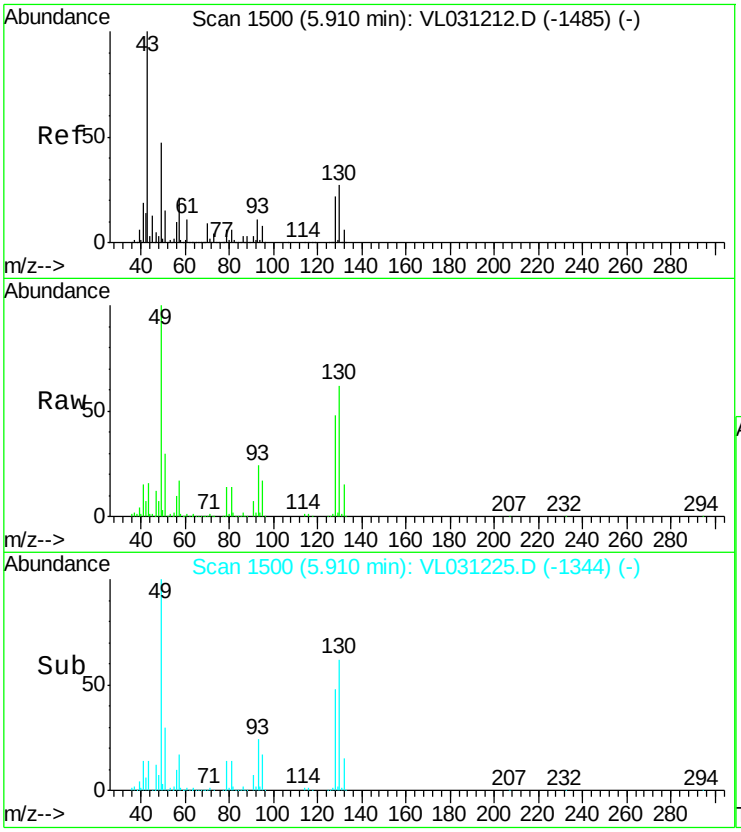
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL121317\
Data File : VL031225.D
Acq On : 14 Dec 2017 10:32
Operator : SY/AP
Sample : I6769-03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Dec 15 05:14:09 2017
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL121317AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Dec 14 04:29:58 2017
QLast Update : Thu Dec 14 04:29:58 2017
Response via : Initial Calibration



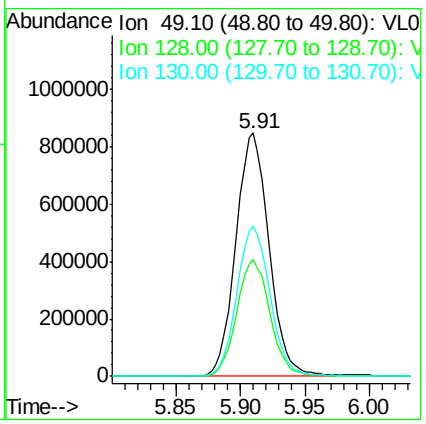


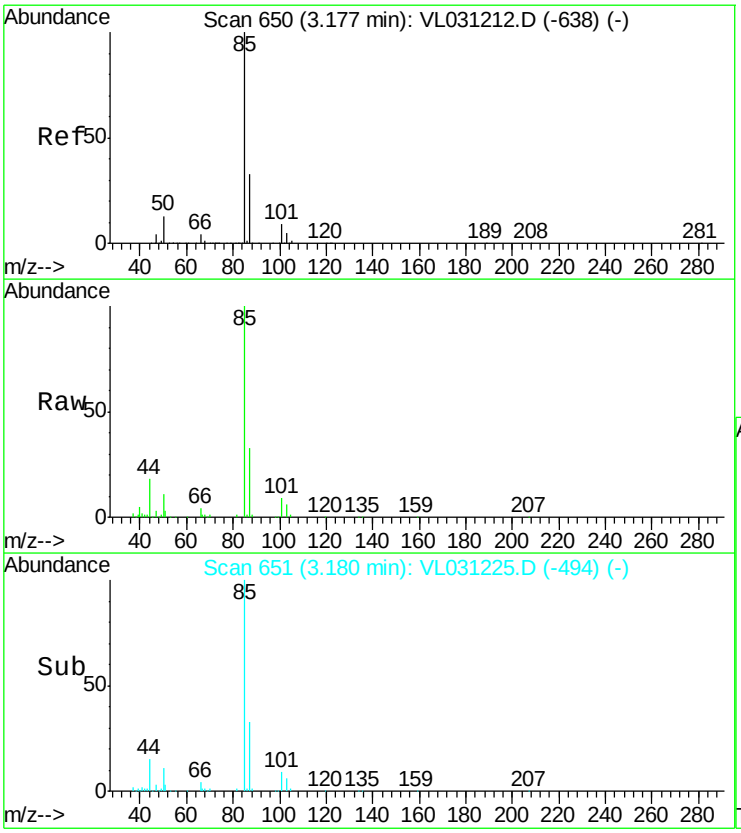
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.91 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1521110

Ion	Ratio	Lower	Upper
49	100		
128	48.5	23.2	69.5
130	62.5	29.6	88.8

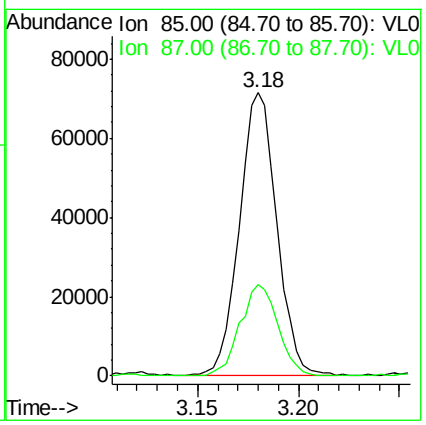


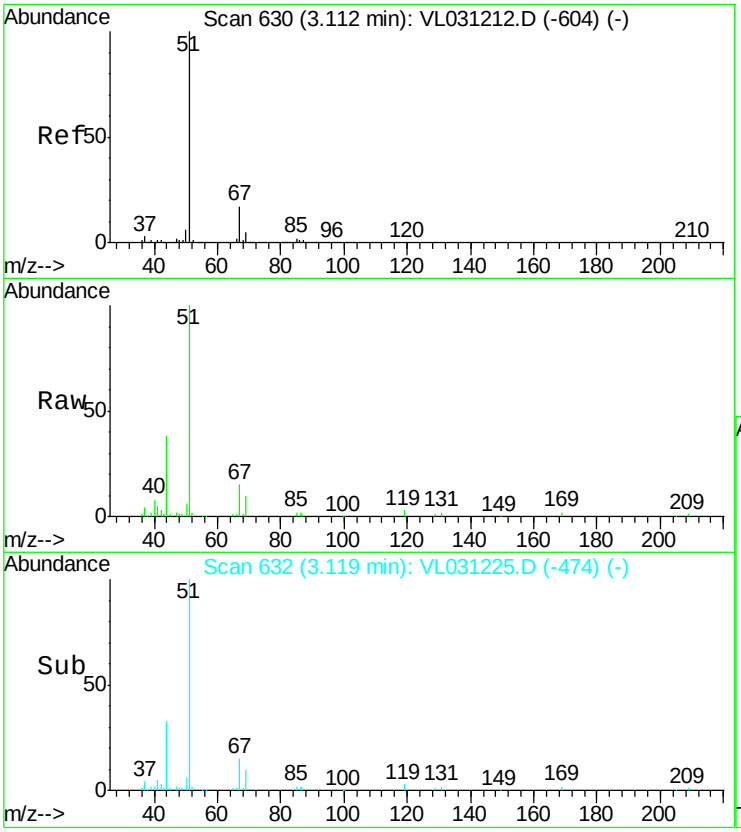


#2
Dichlorodifluoromethane
Concen: 0.726 ppbv
RT: 3.18 min Scan# 651
Delta R.T. 0.00 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Tgt Ion: 85 Resp: 93272

Ion	Ratio	Lower	Upper
85	100		
87	32.5	26.2	39.2



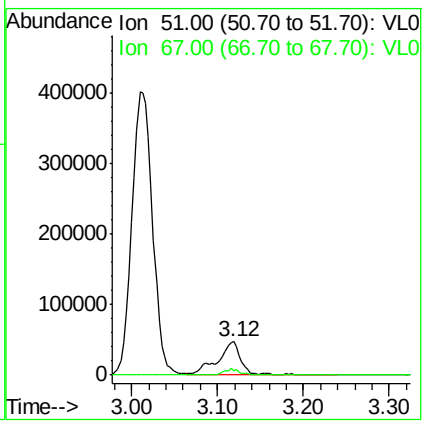


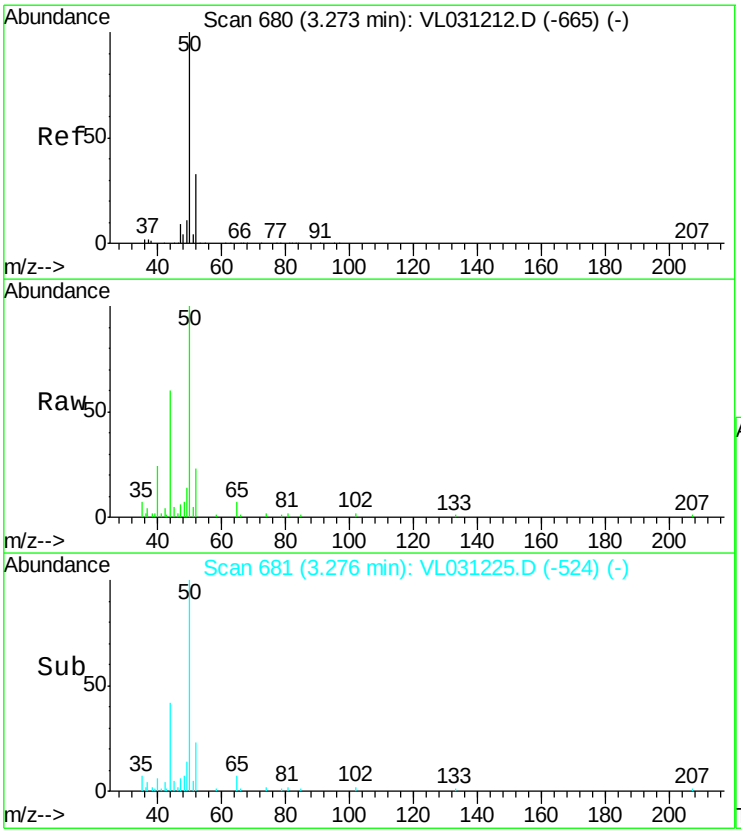
#3
Chlorodifluoromethane
Concen: 0.532 ppbv
RT: 3.12 min Scan# 632
Delta R.T. 0.01 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 92010

Ion	Ratio	Lower	Upper
51	100		
67	12.4	13.8	20.6#

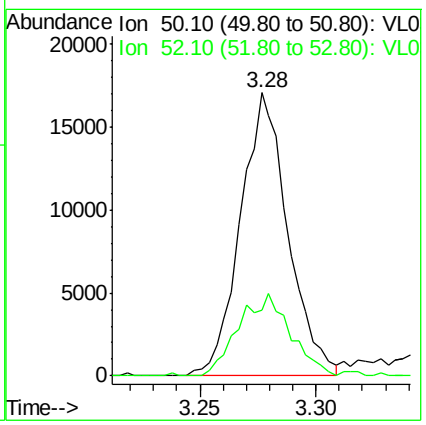


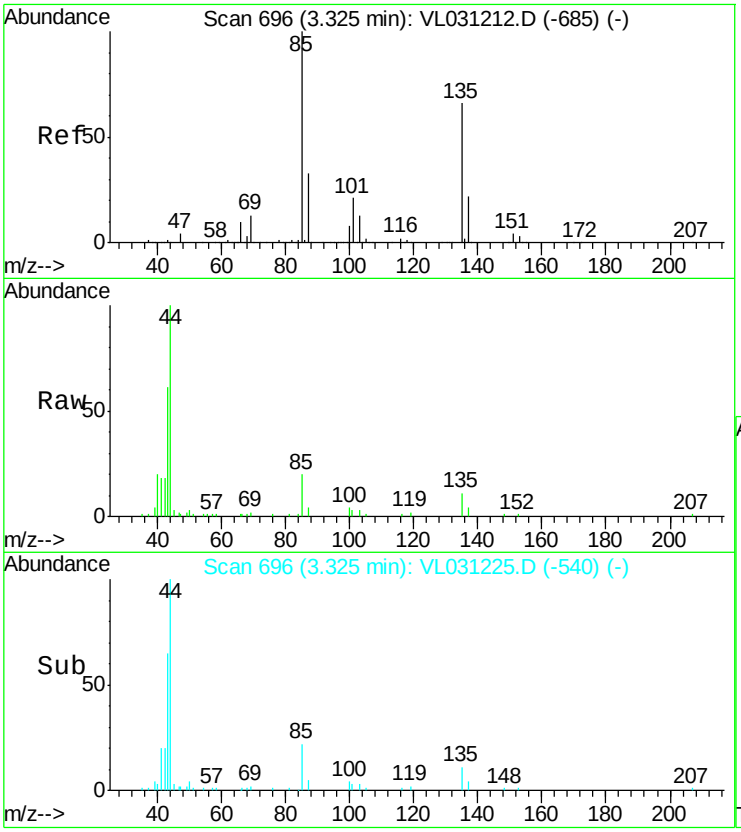


#4
Chloromethane
Concen: 0.260 ppbv
RT: 3.28 min Scan# 681
Delta R.T. 0.00 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Tgt Ion: 50 Resp: 24277

Ion	Ratio	Lower	Upper
50	100		
52	23.3	26.5	39.7#



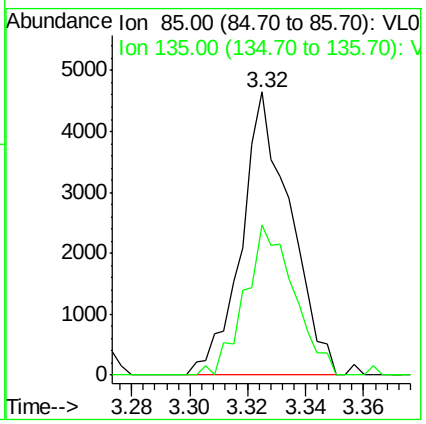


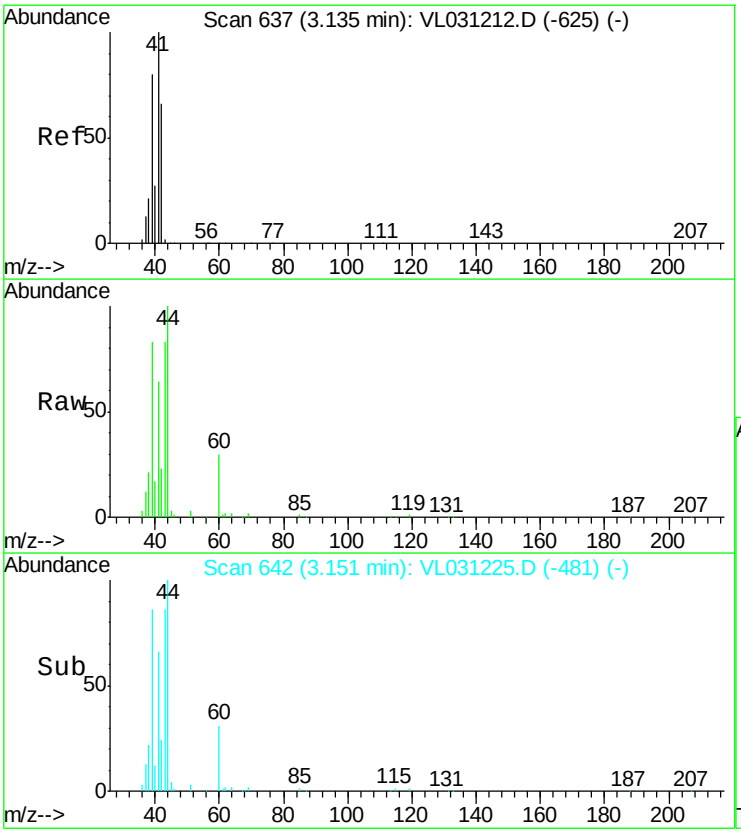
#8
Dichlorotetrafluoroethane
Concen: 0.030 ppbv
RT: 3.32 min Scan# 696
Delta R.T. 0.00 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 85 Resp: 5423

Ion	Ratio	Lower	Upper
85	100		
135	53.8	54.0	81.0#

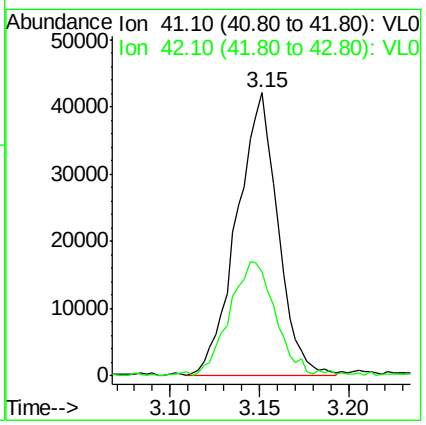


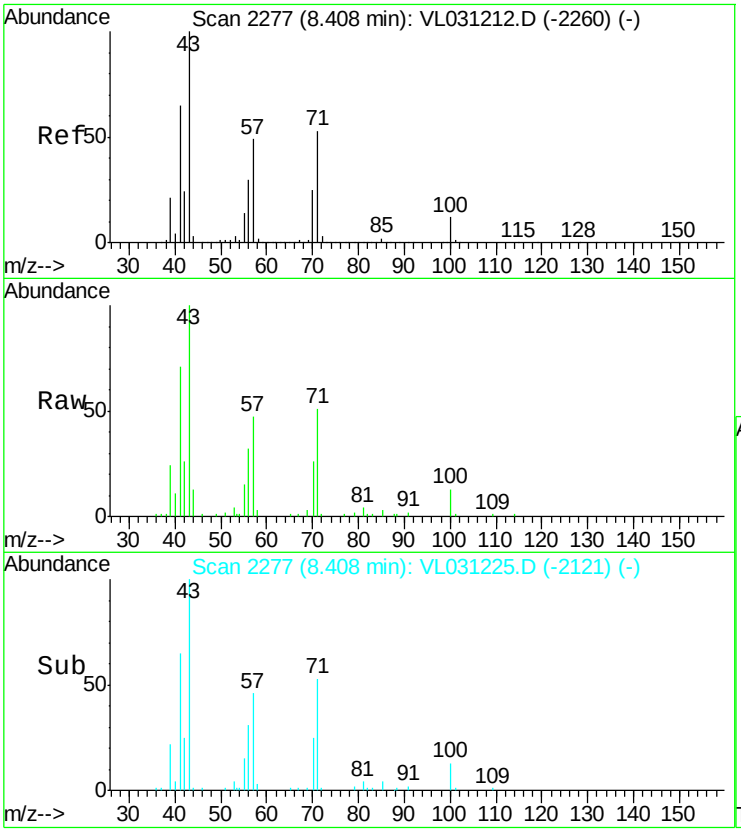


#9
Propene
Concen: 0.799 ppbv
RT: 3.15 min Scan# 642
Delta R.T. 0.02 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Tgt Ion: 41 Resp: 67783

Ion	Ratio	Lower	Upper
41	100		
42	45.8	54.3	81.5#



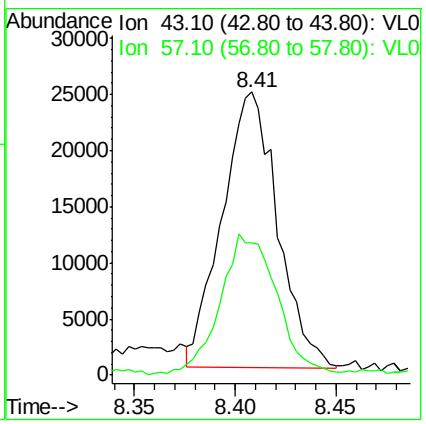


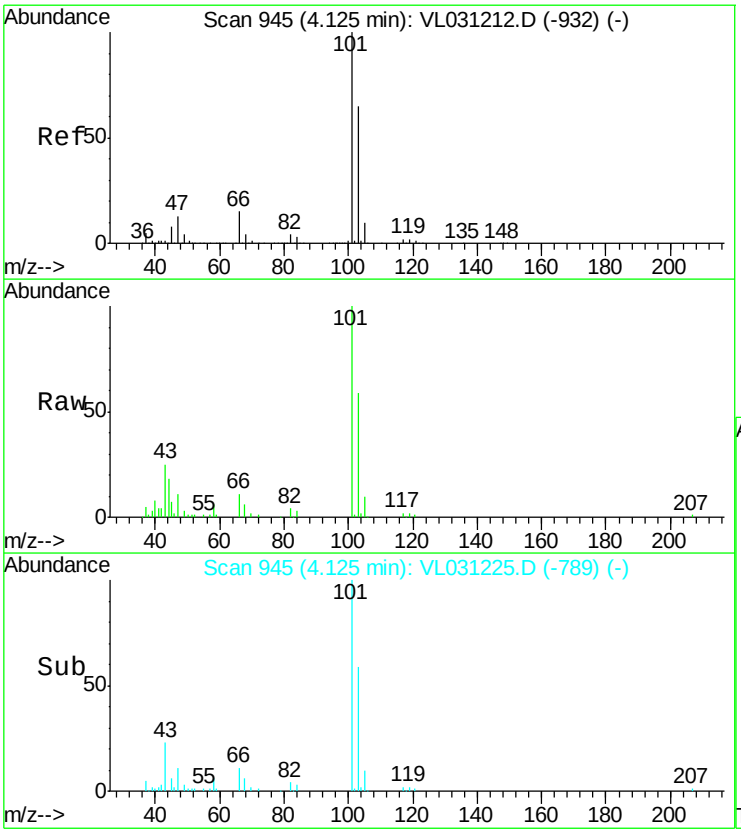
#10
Heptane
Concen: 0.183 ppbv
RT: 8.41 min Scan# 2277
Delta R.T. 0.00 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 47315

Ion	Ratio	Lower	Upper
43	100		
57	49.6	39.8	59.8

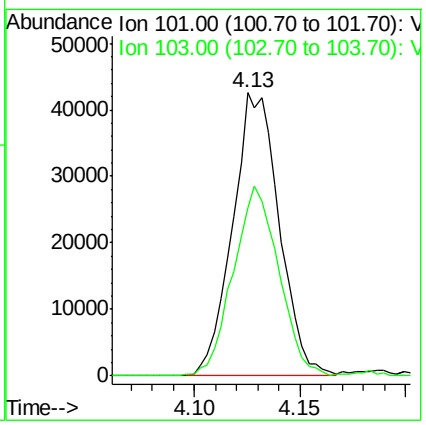


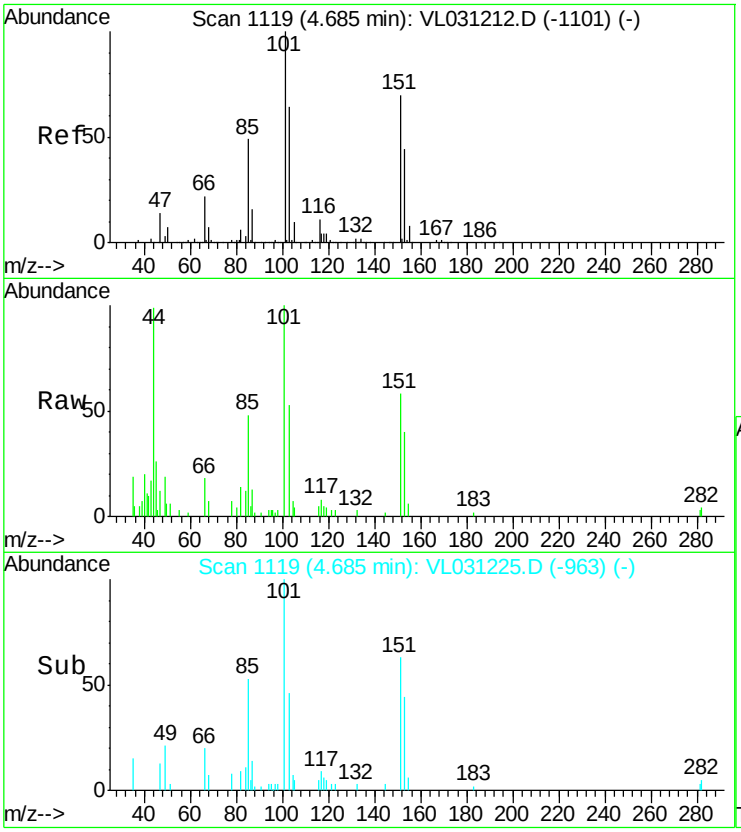


#11
Trichlorofluoromethane
Concen: 0.311 ppbv
RT: 4.13 min Scan# 945
Delta R.T. 0.00 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Tgt Ion:101 Resp: 65594

Ion	Ratio	Lower	Upper
101	100		
103	58.5	51.8	77.8



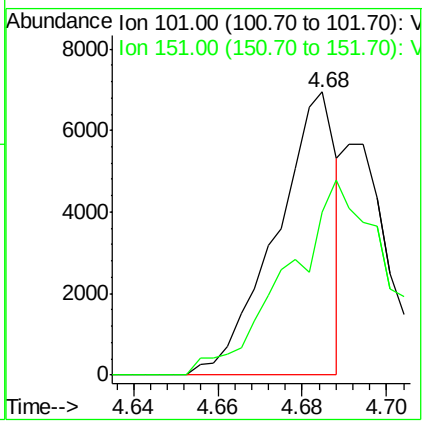


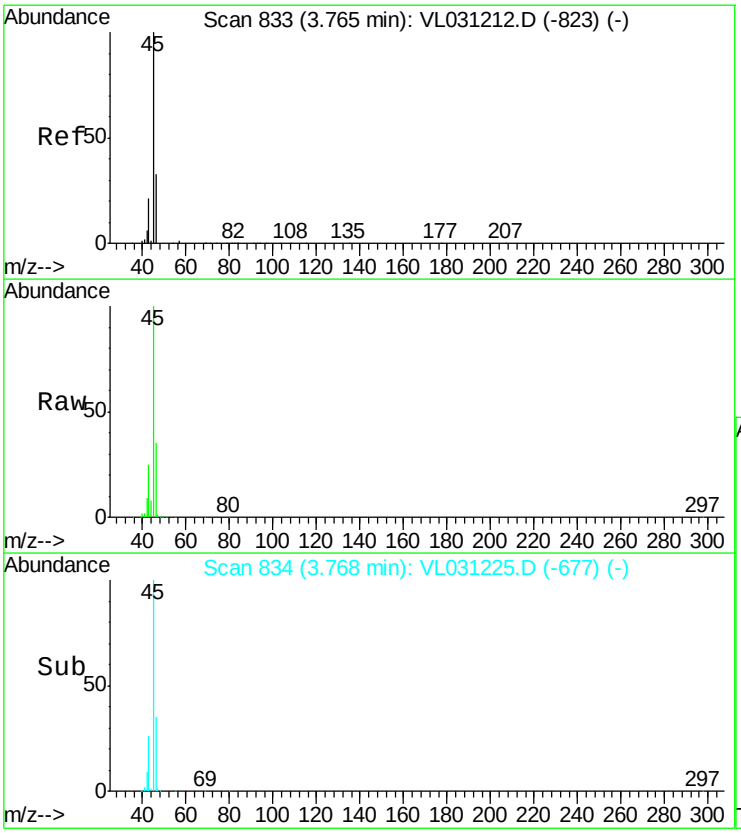
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.046 ppbv
RT: 4.68 min Scan# 1119
Delta R.T. 0.00 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 6869

Ion	Ratio	Lower	Upper
101	100		
151	0.0	56.5	84.7#

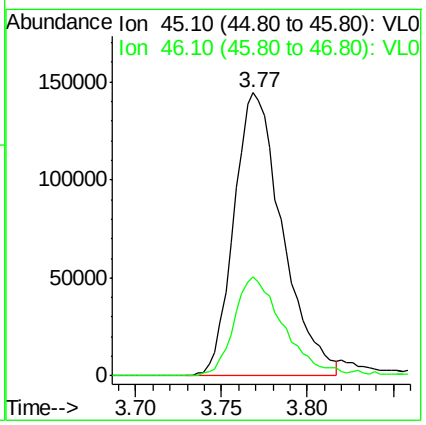


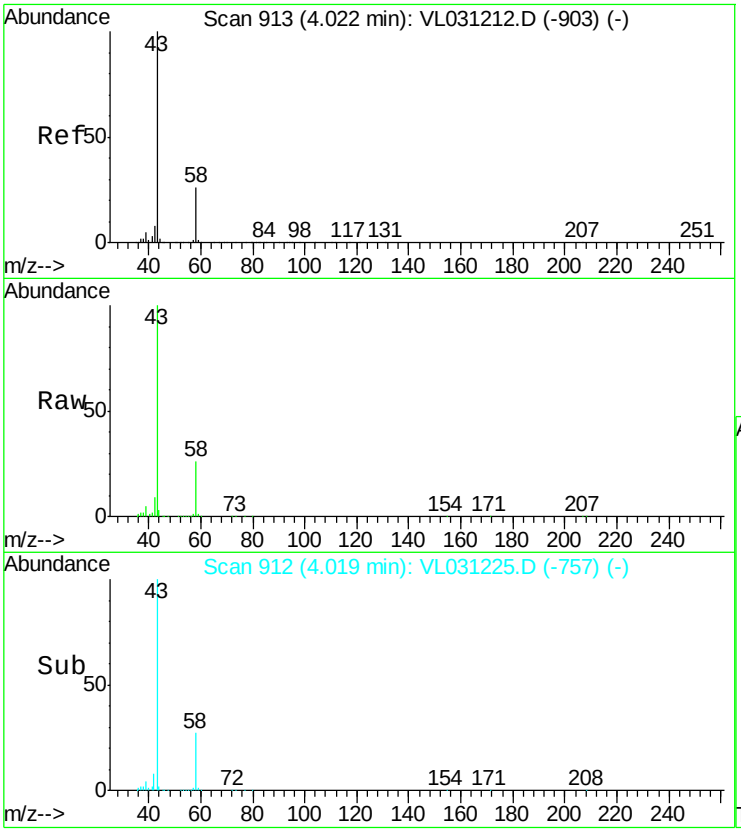


#13
Ethanol
Concen: 11.560 ppbv
RT: 3.77 min Scan# 834
Delta R.T. 0.00 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Tgt Ion: 45 Resp: 283015

Ion	Ratio	Lower	Upper
45	100		
46	37.3	14.6	58.4



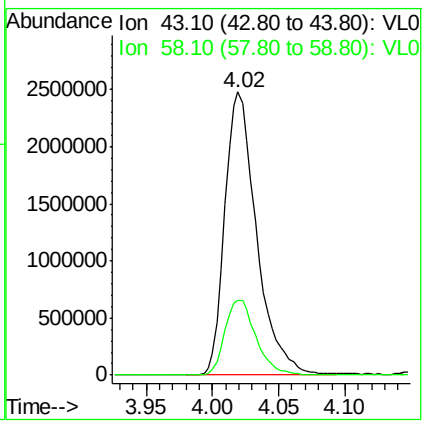


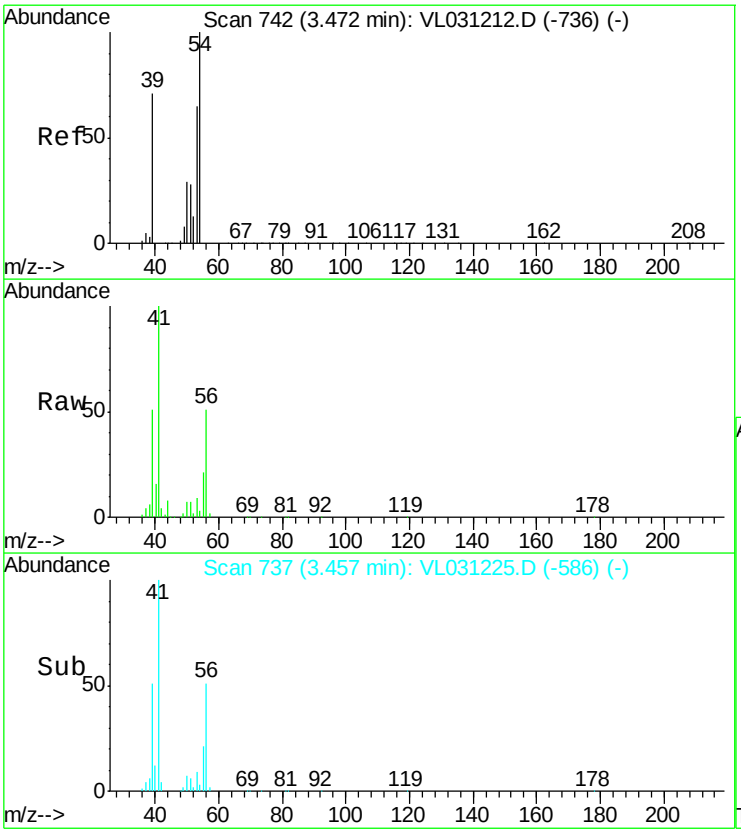
#15
Acetone
Concen: 20.570 ppbv
RT: 4.02 min Scan# 912
Delta R.T. -0.00 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 4129326

Ion	Ratio	Lower	Upper
43	100		
58	26.3	20.3	30.5

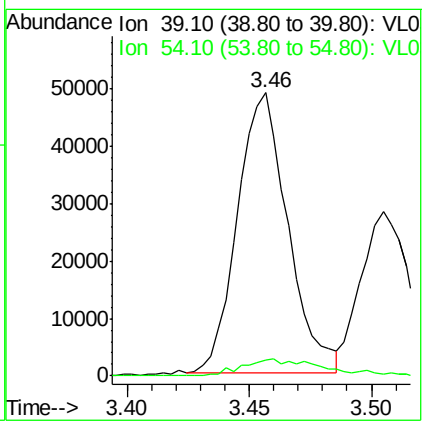


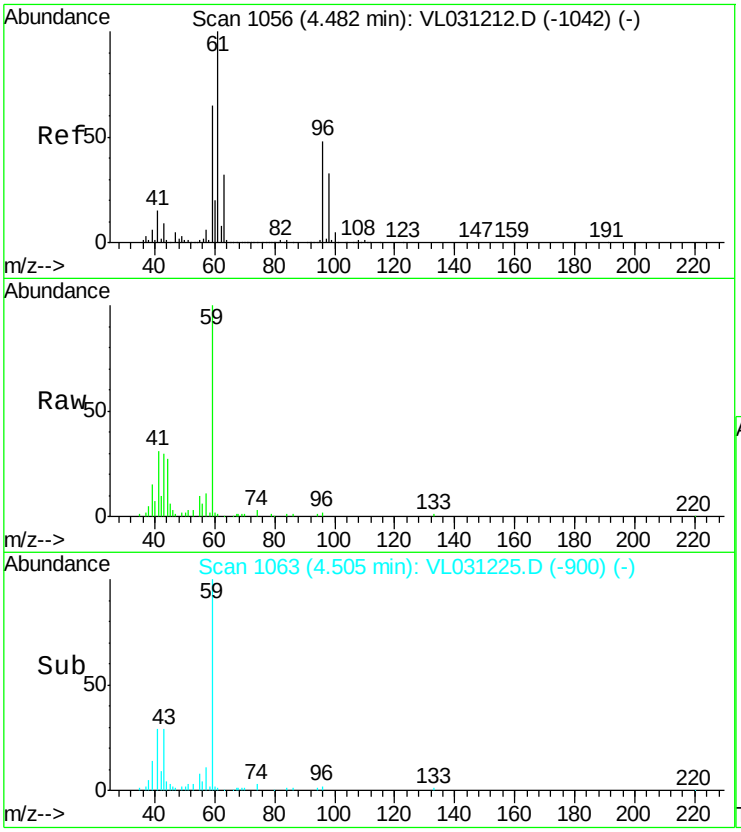


#16
1,3-Butadiene
Concen: 0.810 ppbv
RT: 3.46 min Scan# 737
Delta R.T. -0.02 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Tgt Ion: 39 Resp: 69940

Ion	Ratio	Lower	Upper
39	100		
54	9.9	66.4	99.6#



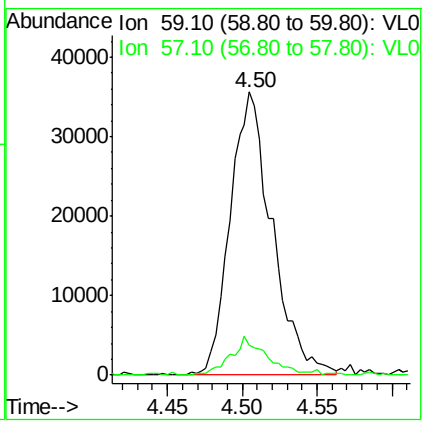


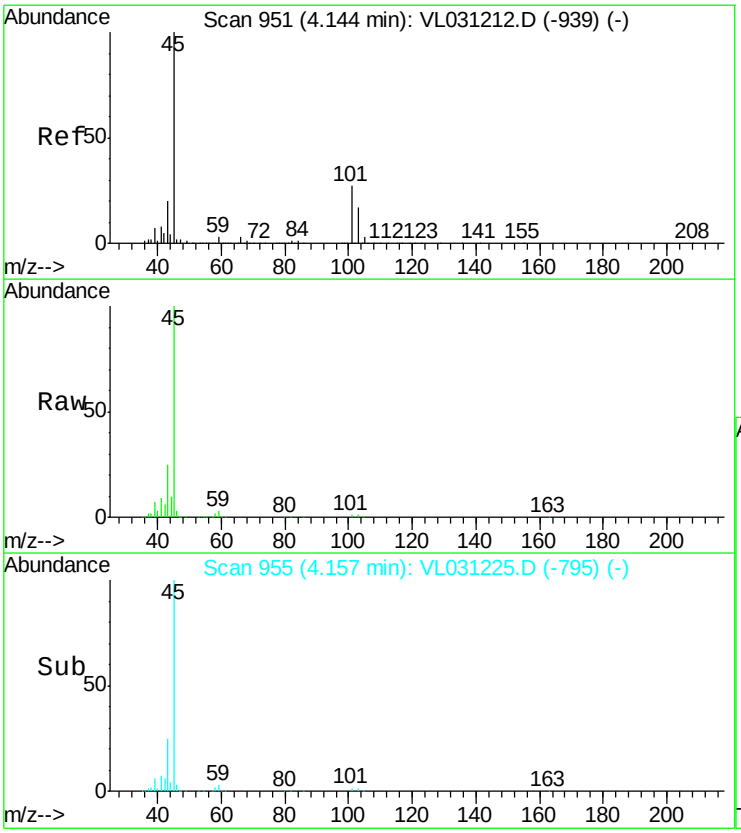
#17
tert-Butyl alcohol
Concen: 0.614 ppbv
RT: 4.50 min Scan# 1063
Delta R.T. 0.02 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 59 Resp: 69159

Ion	Ratio	Lower	Upper
59	100		
57	12.5	8.2	12.2#

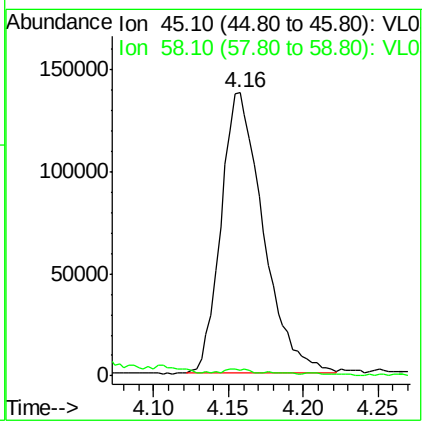


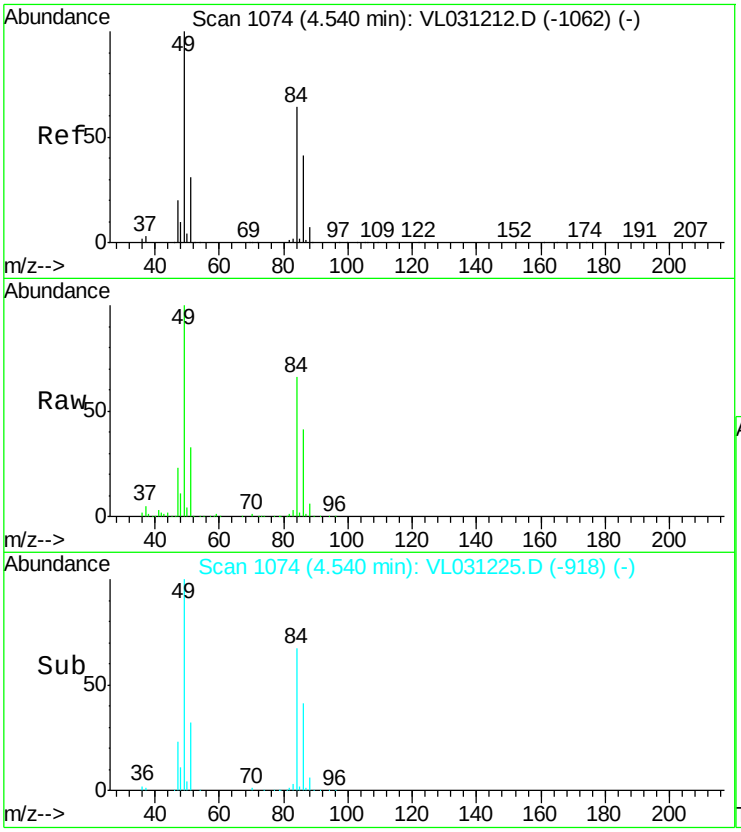


#19
Isopropyl Alcohol
Concen: 2.123 ppbv
RT: 4.16 min Scan# 955
Delta R.T. 0.01 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Tgt Ion: 45 Resp: 269765

Ion	Ratio	Lower	Upper
45	100		
58	0.0	27.2	40.8#



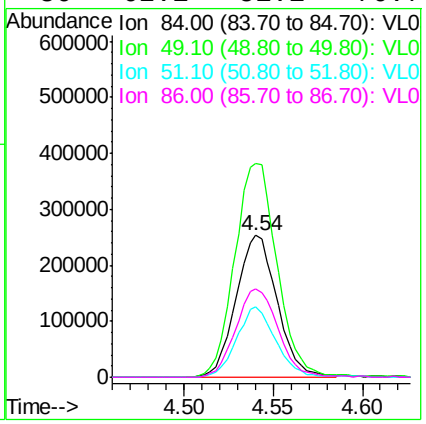


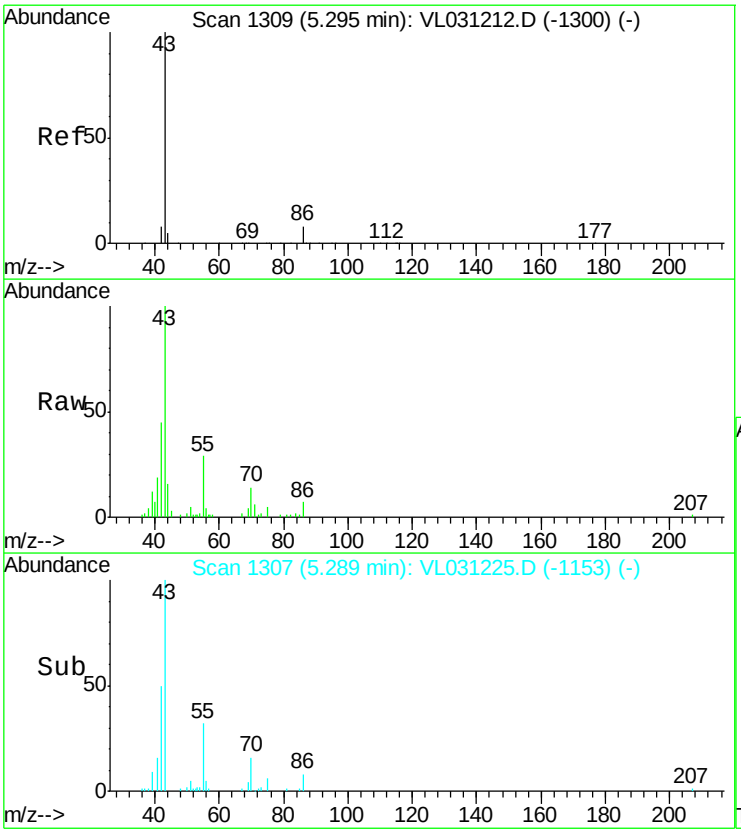
#20
Methylene Chloride
Concen: 6.130 ppbv
RT: 4.54 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 407220

Ion	Ratio	Lower	Upper
84	100		
49	150.4	125.8	188.6
51	49.3	39.3	58.9
86	62.1	51.1	76.7

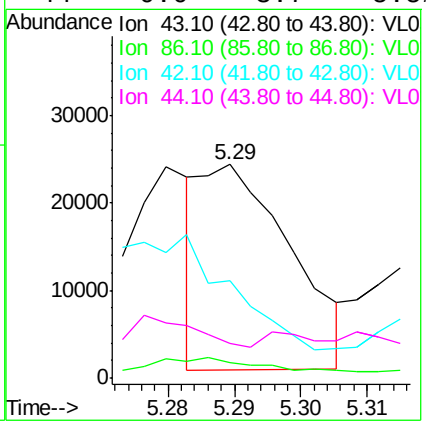


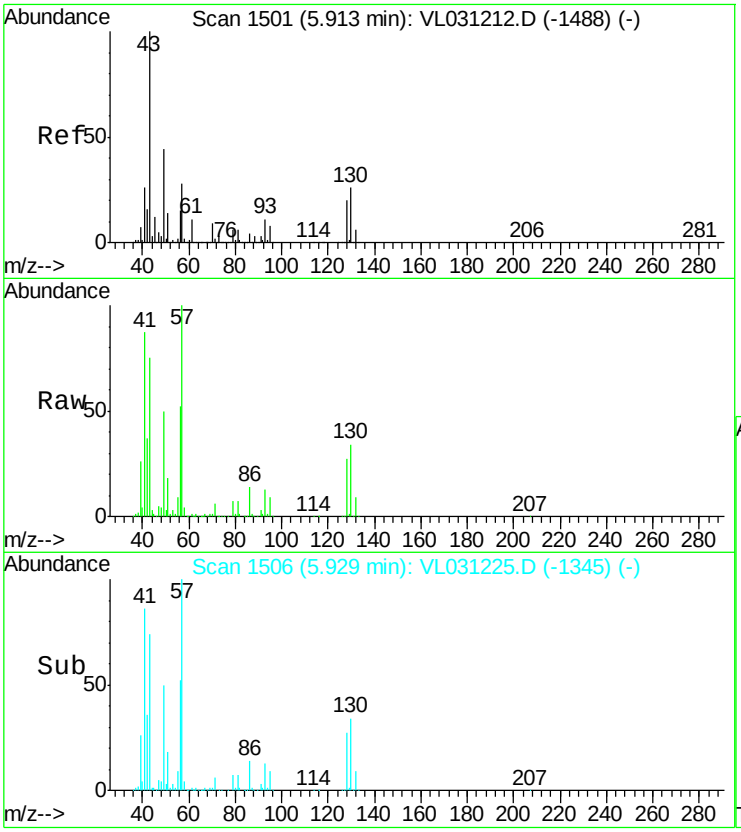


#23
Vinyl Acetate
Concen: 0.068 ppbv
RT: 5.29 min Scan# 1307
Delta R.T. -0.01 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Tgt Ion: 43 Resp: 21952

Ion	Ratio	Lower	Upper
43	100		
86	5.8	5.9	8.9#
42	49.3	7.3	10.9#
44	0.0	3.7	5.5#



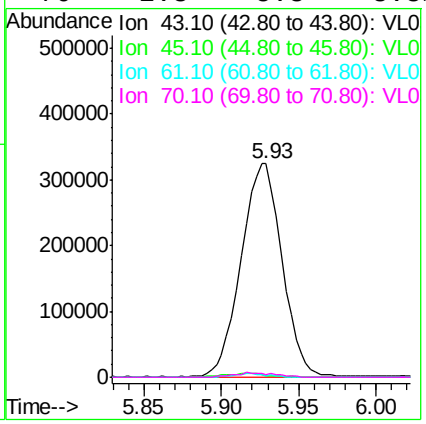


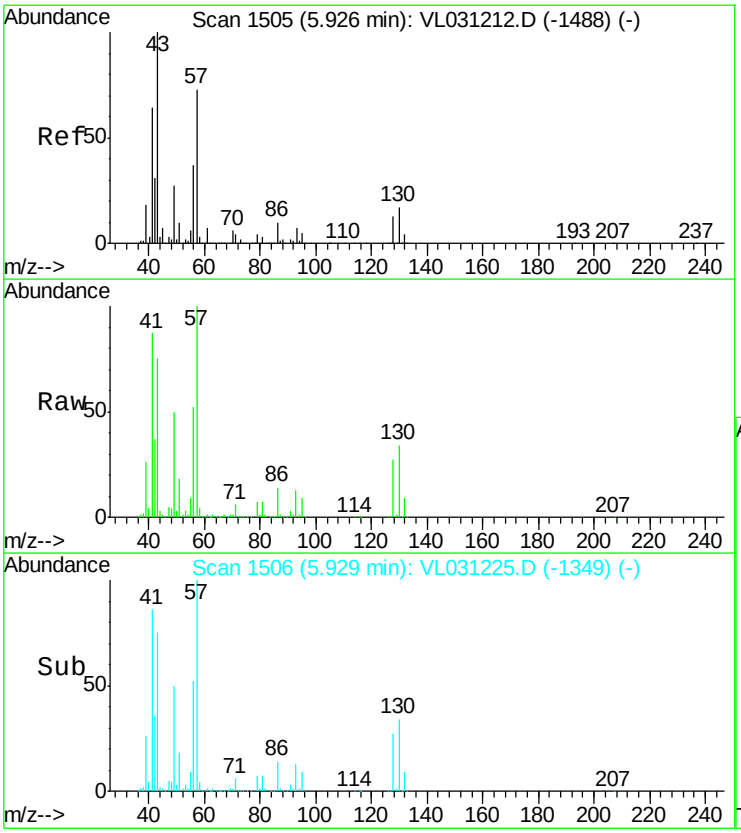
#25
Ethyl Acetate
Concen: 1.452 ppbv
RT: 5.93 min Scan# 1506
Delta R.T. 0.02 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 595338

Ion	Ratio	Lower	Upper
43	100		
45	2.2	8.0	12.0#
61	1.6	7.4	11.0#
70	2.3	5.8	8.8#

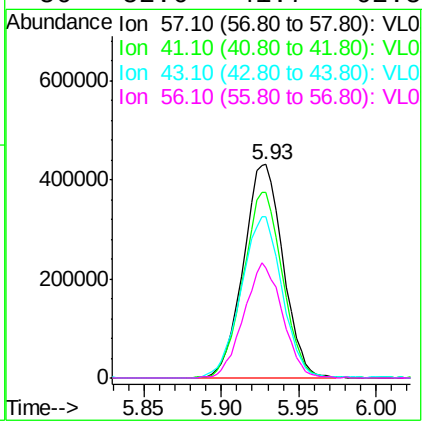


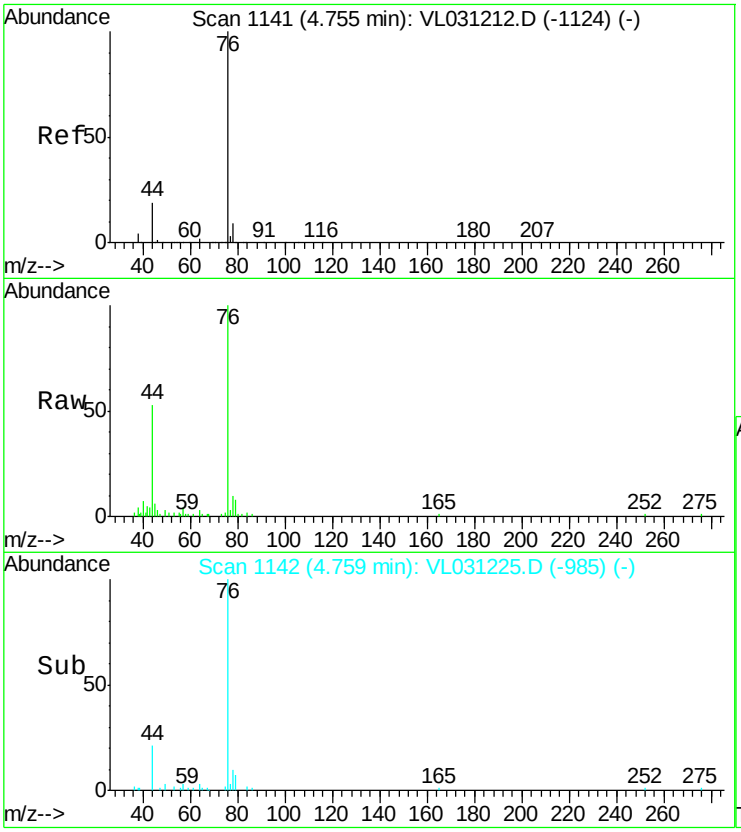


#26
Hexane
Concen: 3.949 ppbv
RT: 5.93 min Scan# 1506
Delta R.T. 0.00 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Tgt Ion: 57 Resp: 768122

Ion	Ratio	Lower	Upper
57	100		
41	86.5	70.3	105.5
43	78.5	173.8	260.8#
56	52.6	41.7	62.5



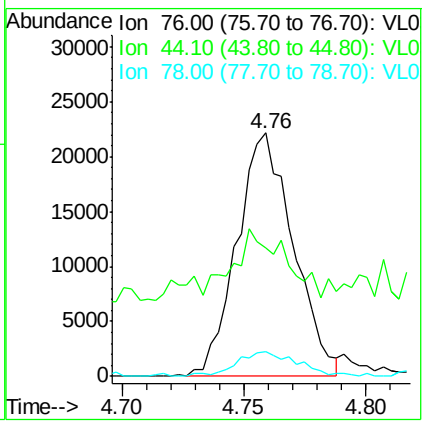


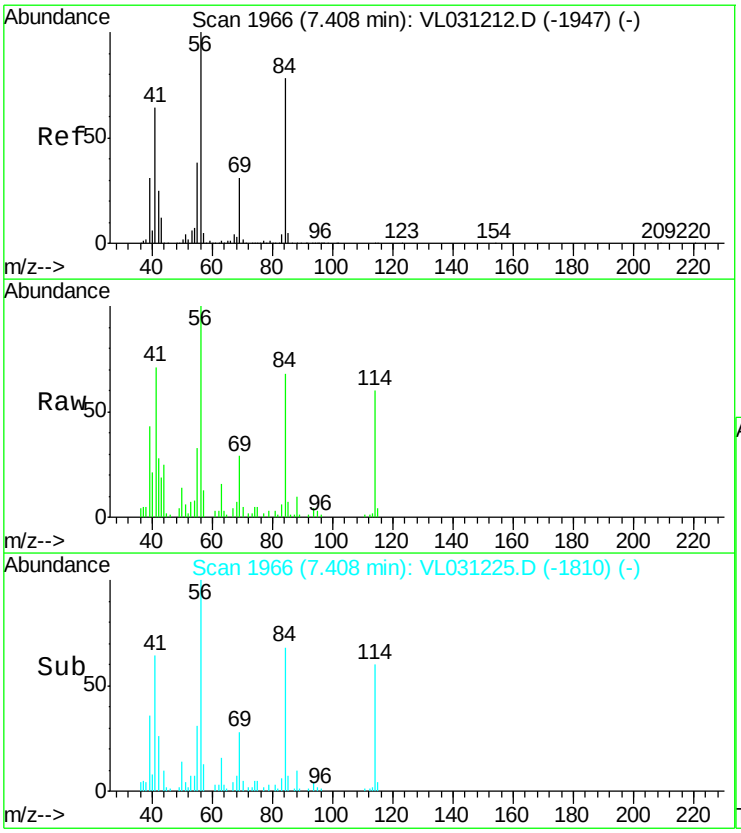
#27
Carbon Disulfide
Concen: 0.182 ppbv
RT: 4.76 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 76 Resp: 35504

Ion	Ratio	Lower	Upper
76	100		
44	55.8	16.0	24.0#
78	11.2	7.5	11.3

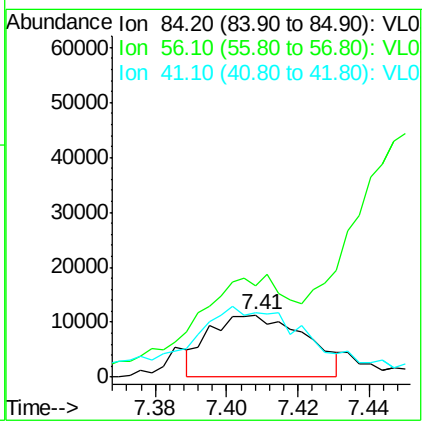


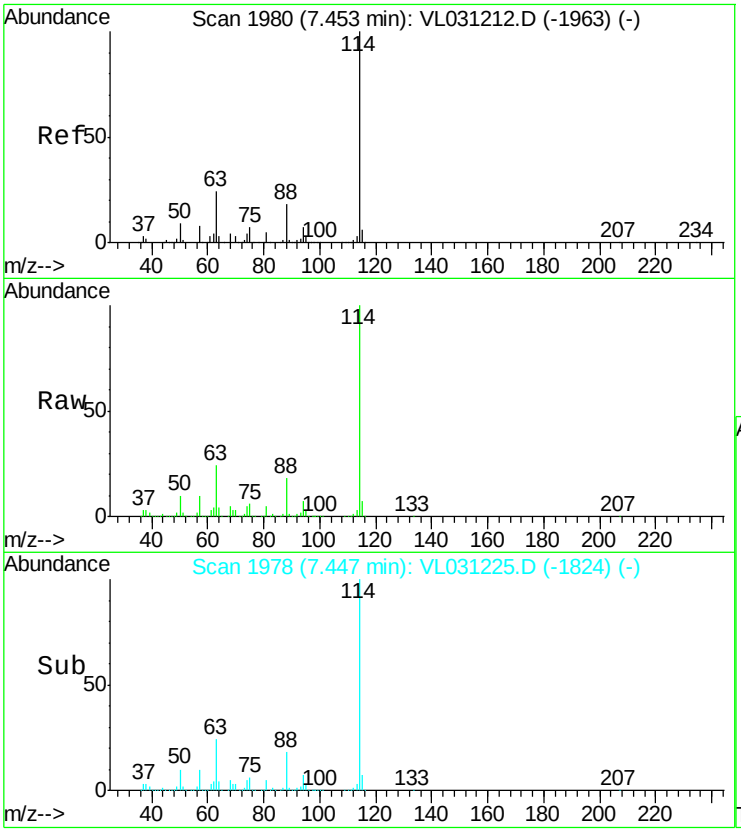


#30
Cyclohexane
Concen: 0.123 ppbv
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Tgt Ion: 84 Resp: 21085

Ion	Ratio	Lower	Upper
84	100		
56	0.0	108.0	162.0#
41	125.8	66.2	99.4#



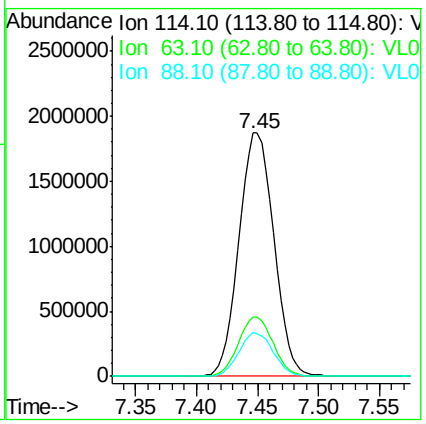


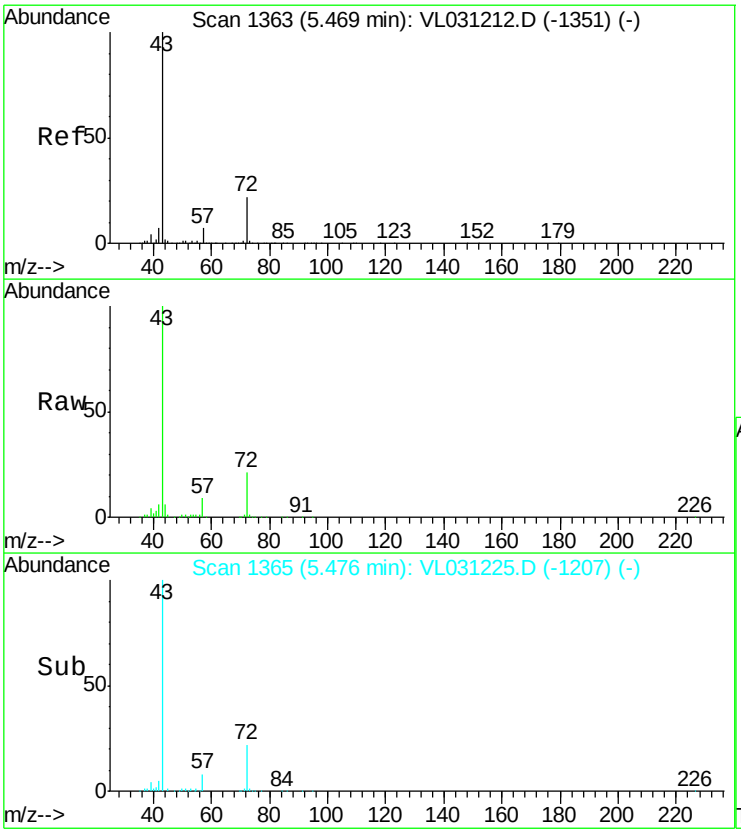
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.45 min Scan# 1978
Delta R.T. -0.01 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 3702618

Ion	Ratio	Lower	Upper
114	100		
63	24.1	19.8	29.8
88	17.7	14.2	21.4

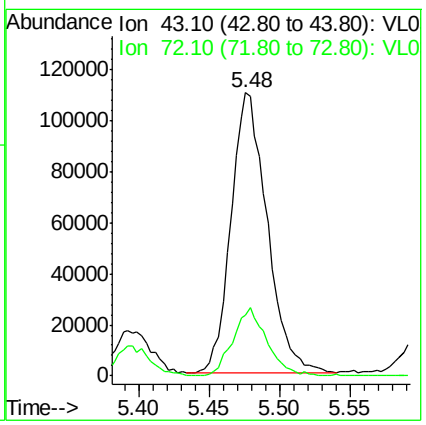


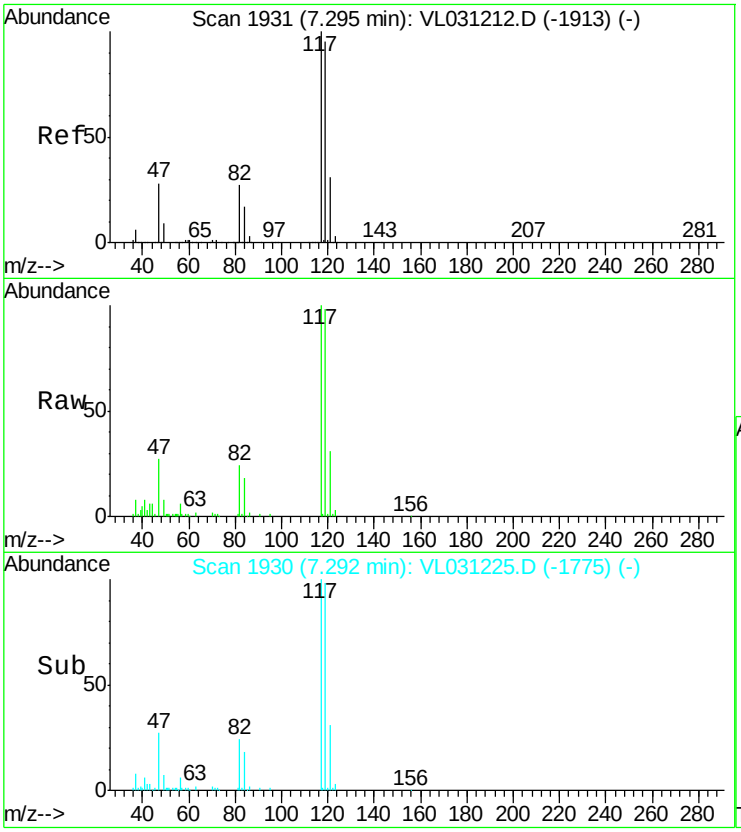


#34
2-Butanone
Concen: 0.757 ppbv
RT: 5.48 min Scan# 1365
Delta R.T. 0.01 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Tgt Ion: 43 Resp: 198053

Ion	Ratio	Lower	Upper
43	100		
72	23.2	18.1	27.1



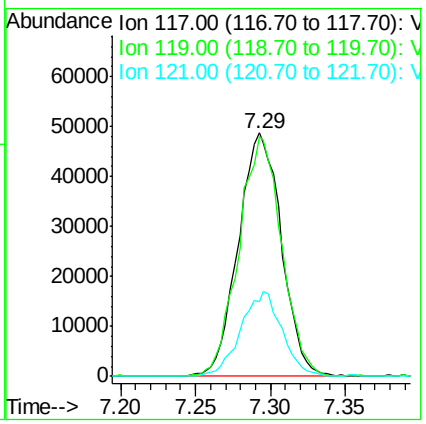


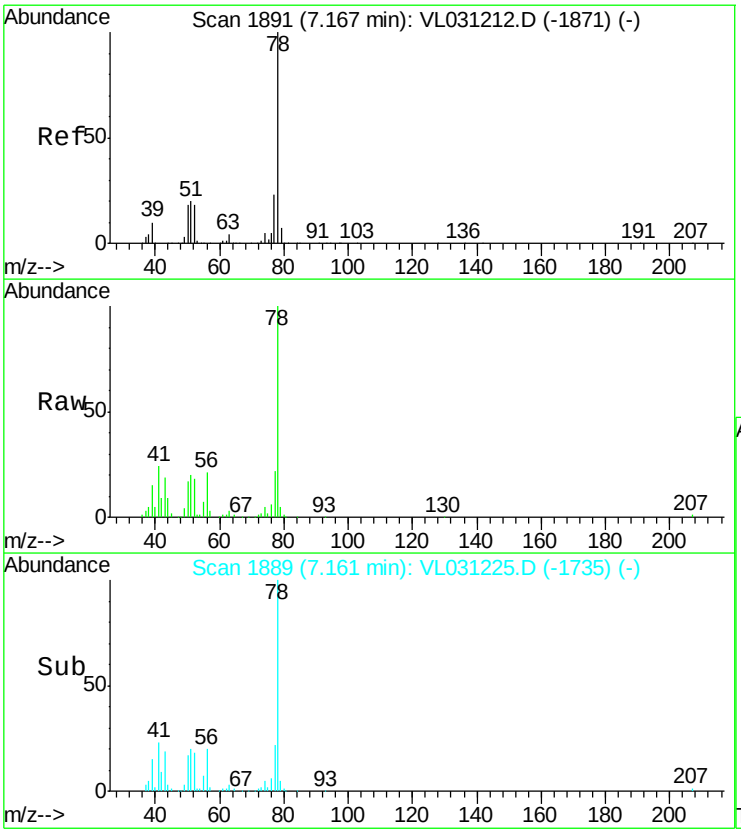
#35
Carbon Tetrachloride
Concen: 0.368 ppbv
RT: 7.29 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 97489

Ion	Ratio	Lower	Upper
117	100		
119	98.3	75.9	113.9
121	30.5	24.6	37.0

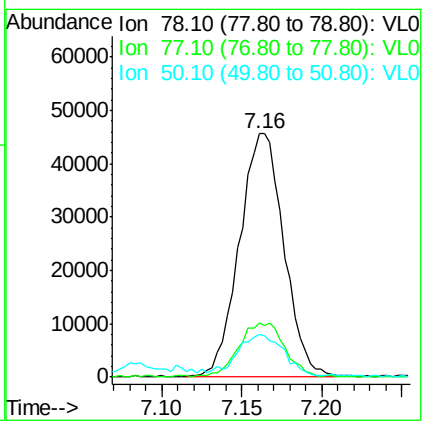


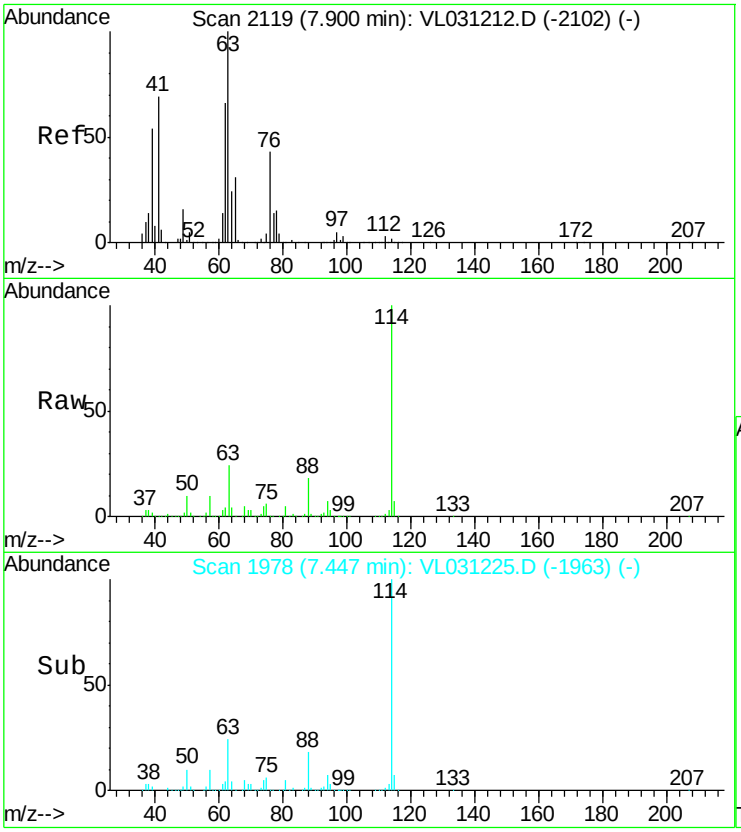


#36
Benzene
Concen: 0.221 ppbv
RT: 7.16 min Scan# 1889
Delta R.T. -0.01 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Tgt Ion: 78 Resp: 86654

Ion	Ratio	Lower	Upper
78	100		
77	21.7	18.1	27.1
50	17.0	14.6	21.8



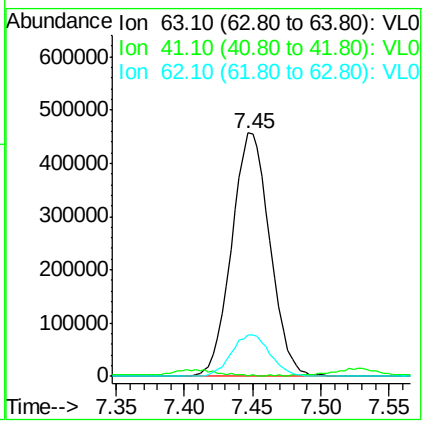


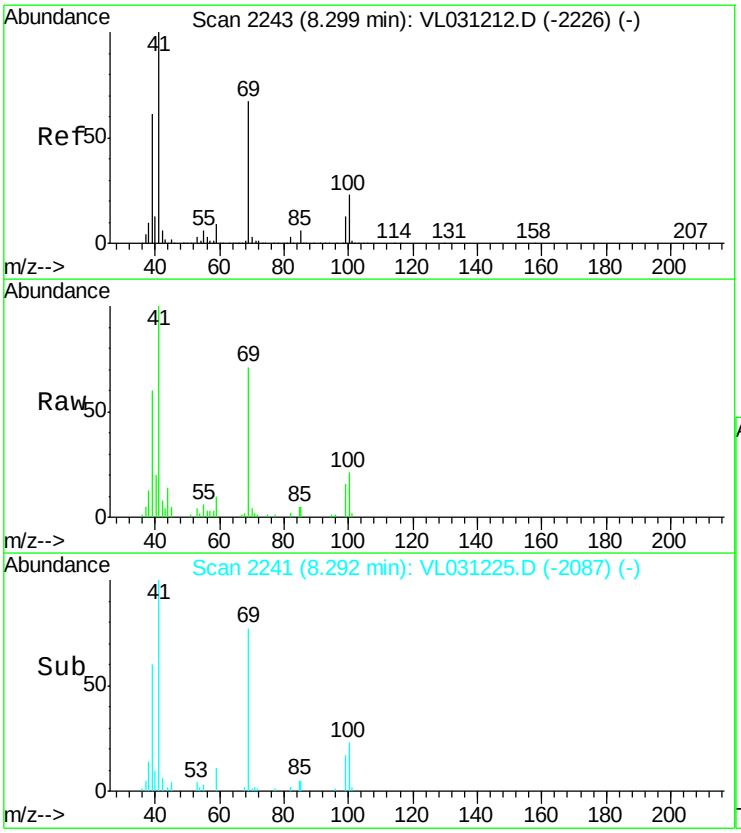
#39
1,2-Dichloropropane
Concen: 6.371 ppbv
RT: 7.45 min Scan# 1978
Delta R.T. -0.45 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 883955

Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.2	82.8#
62	17.2	53.0	79.4#

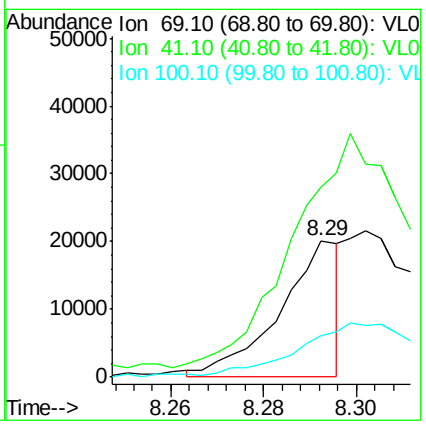


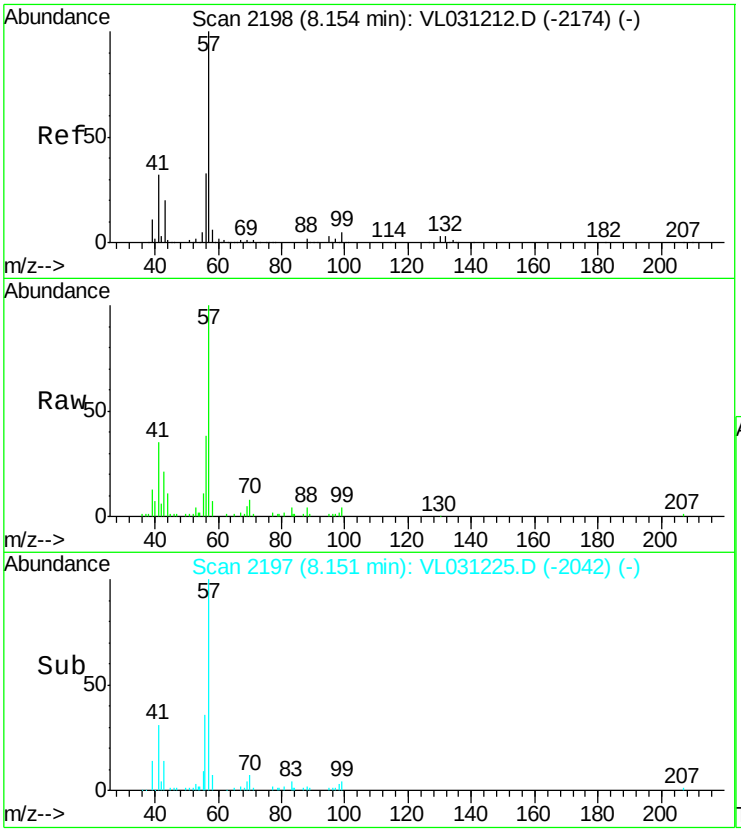


#43
Methyl Methacrylate
Concen: 0.137 ppbv
RT: 8.29 min Scan# 2241
Delta R.T. -0.01 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Tgt Ion: 69 Resp: 17951

Ion	Ratio	Lower	Upper
69	100		
41	0.0	121.1	181.7#
100	0.0	27.4	41.2#



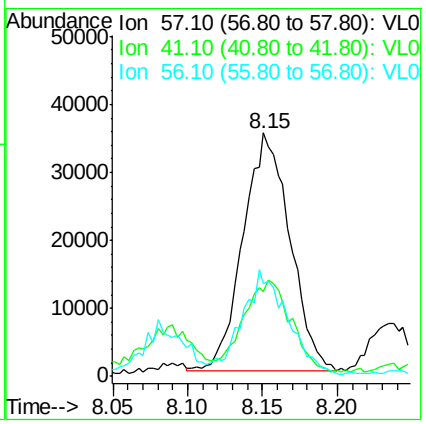


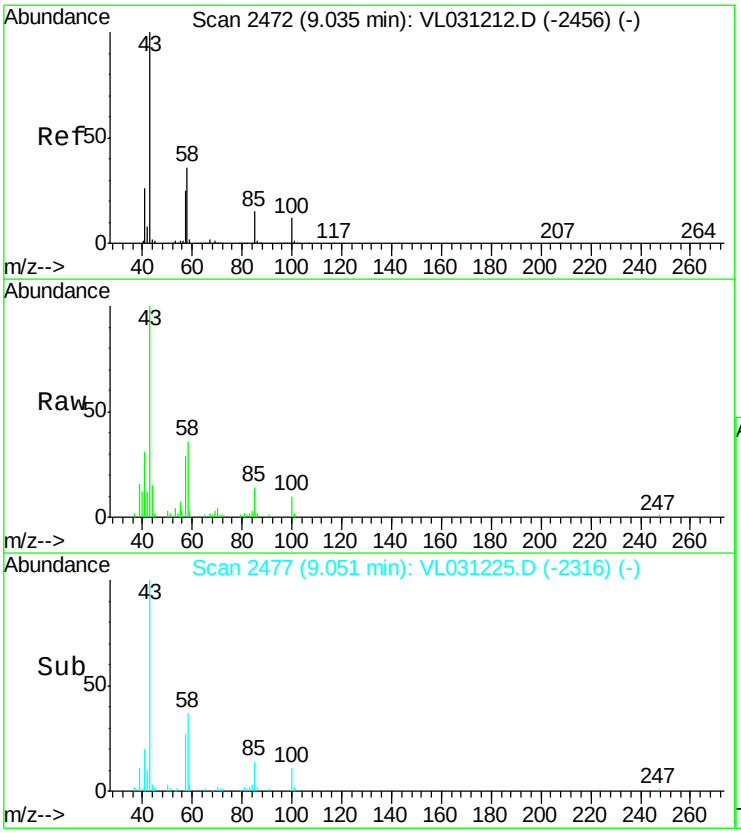
#44
2,2,4-Trimethylpentane
Concen: 0.130 ppbv
RT: 8.15 min Scan# 2197
Delta R.T. -0.00 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 76787

Ion	Ratio	Lower	Upper
57	100		
41	39.4	25.5	38.3#
56	41.3	25.0	37.6#

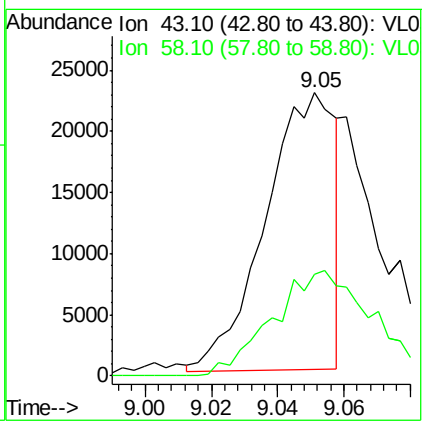


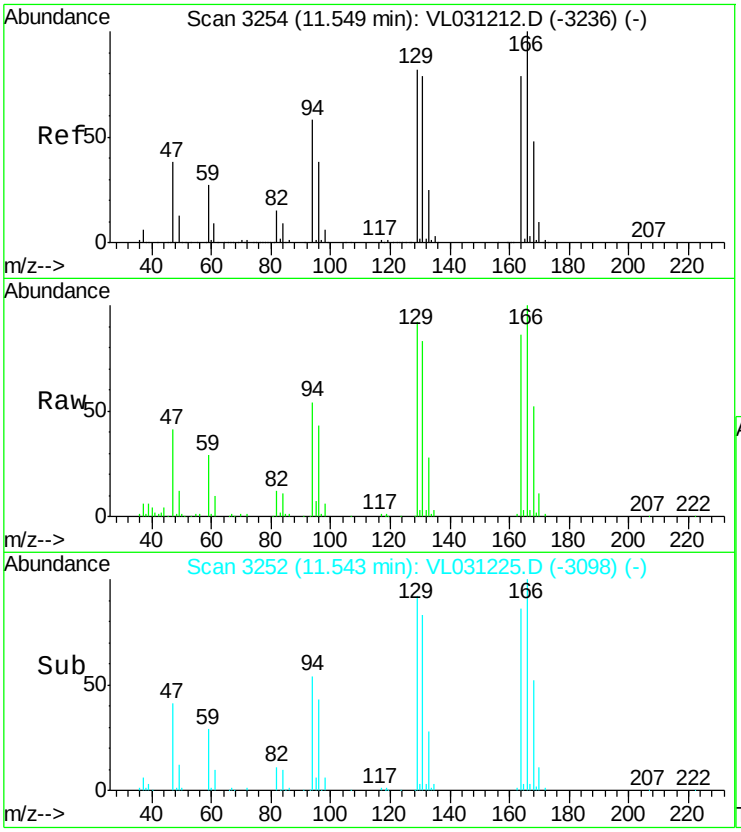


#50
4-Methyl-2-Pentanone
Concen: 0.104 ppbv
RT: 9.05 min Scan# 2477
Delta R.T. 0.02 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Tgt Ion: 43 Resp: 33184

Ion	Ratio	Lower	Upper
43	100		
58	56.5	28.8	43.2#



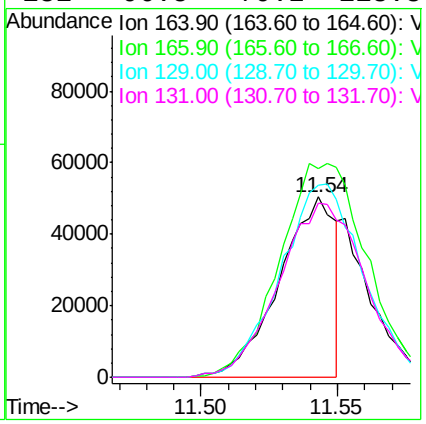


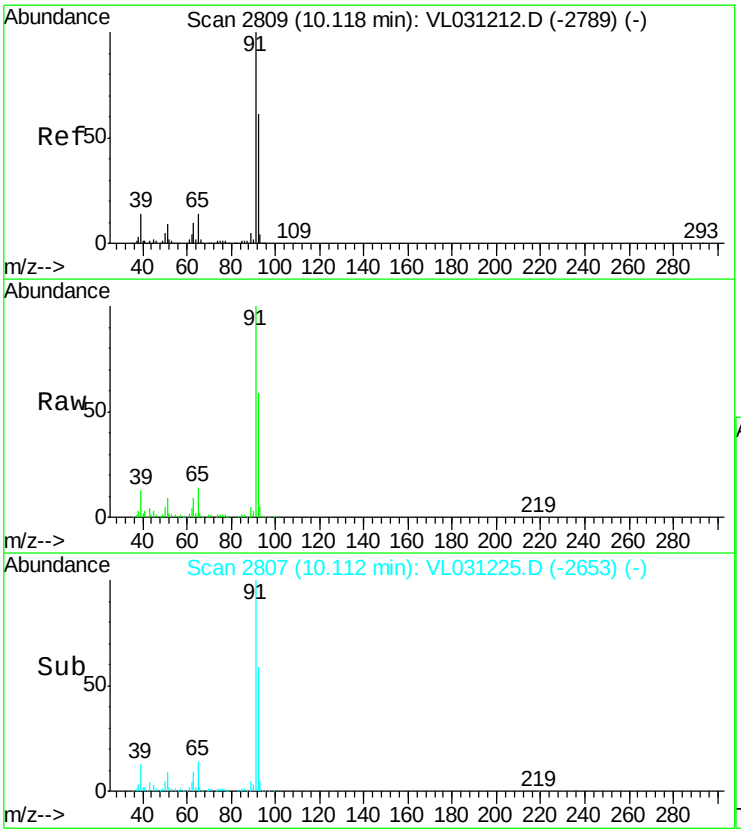
#52
Tetrachloroethene
Concen: 0.496 ppbv
RT: 11.54 min Scan# 3252
Delta R.T. -0.01 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:164 Resp: 71772

Ion	Ratio	Lower	Upper
164	100		
166	115.9	100.6	151.0
129	106.8	82.9	124.3
131	96.5	79.2	118.8

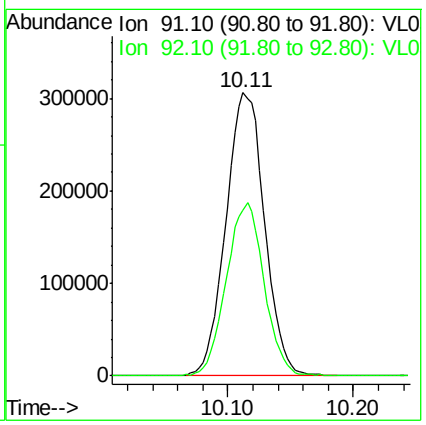


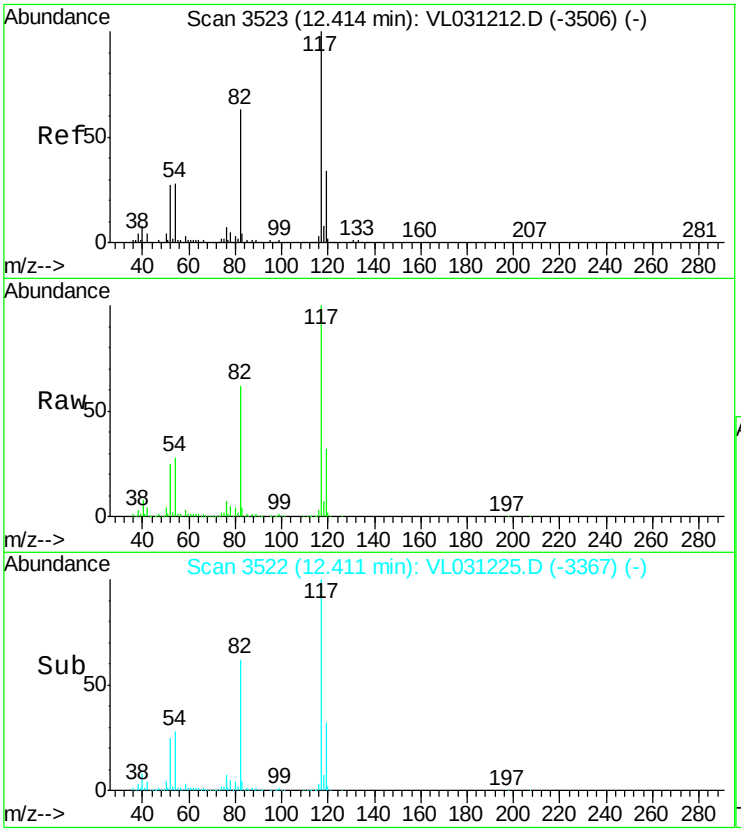


#53
Toluene
Concen: 1.530 ppbv
RT: 10.11 min Scan# 2807
Delta R.T. -0.01 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Tgt Ion: 91 Resp: 651499

Ion	Ratio	Lower	Upper
91	100		
92	60.2	49.1	73.7



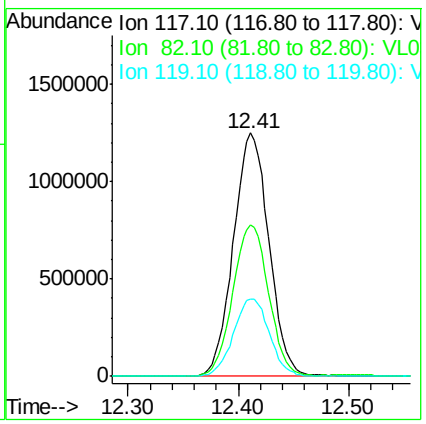


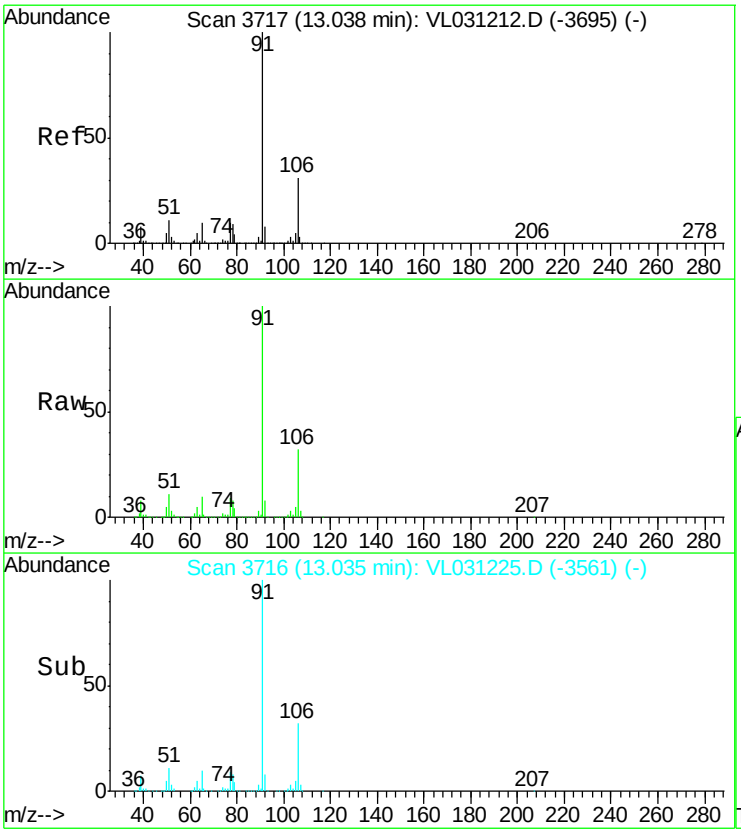
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.41 min Scan# 3522
Delta R.T. -0.00 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2789860

Ion	Ratio	Lower	Upper
117	100		
82	62.8	48.1	72.1
119	32.4	23.1	34.7

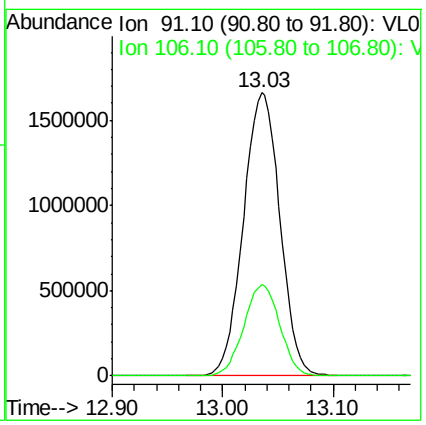


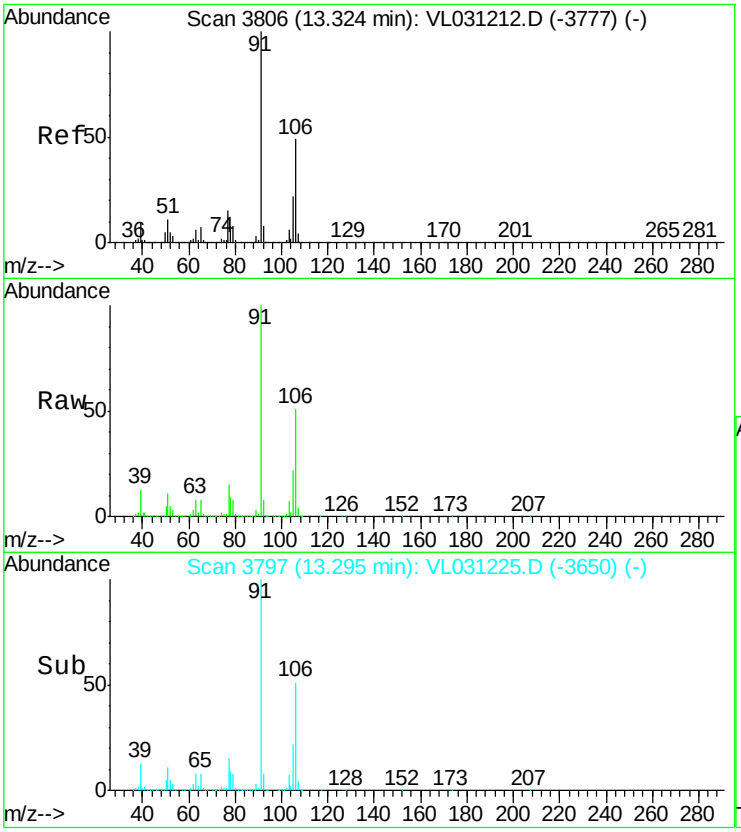


#58
Ethyl Benzene
Concen: 8.284 ppbv
RT: 13.03 min Scan# 3716
Delta R.T. -0.00 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Tgt Ion: 91 Resp: 3815769

Ion	Ratio	Lower	Upper
91	100		
106	32.4	25.1	37.7



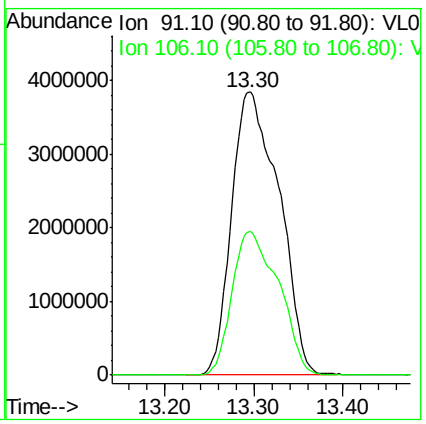


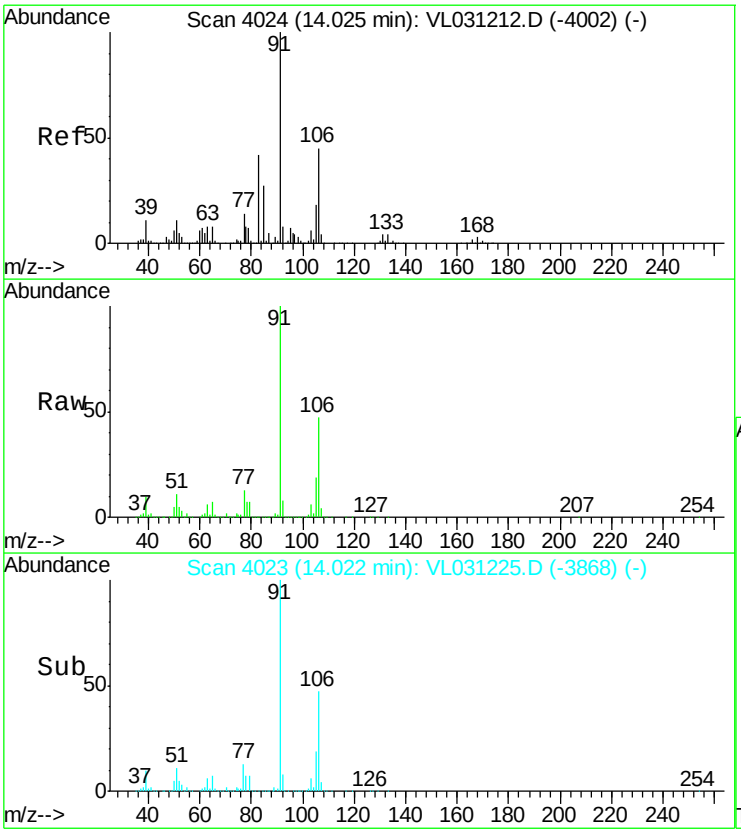
#59
m/p-Xylene
Concen: 38.396 ppbv
RT: 13.30 min Scan# 3797
Delta R.T. -0.03 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp:14157775

Ion	Ratio	Lower	Upper
91	100		
106	50.1	38.5	57.7

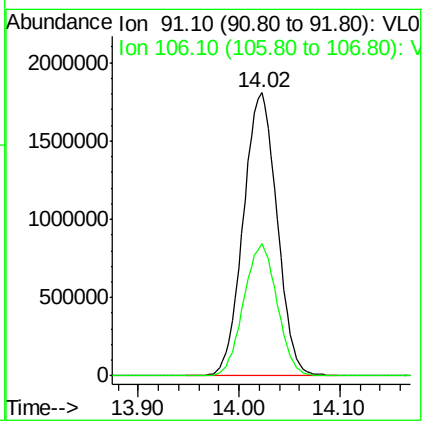


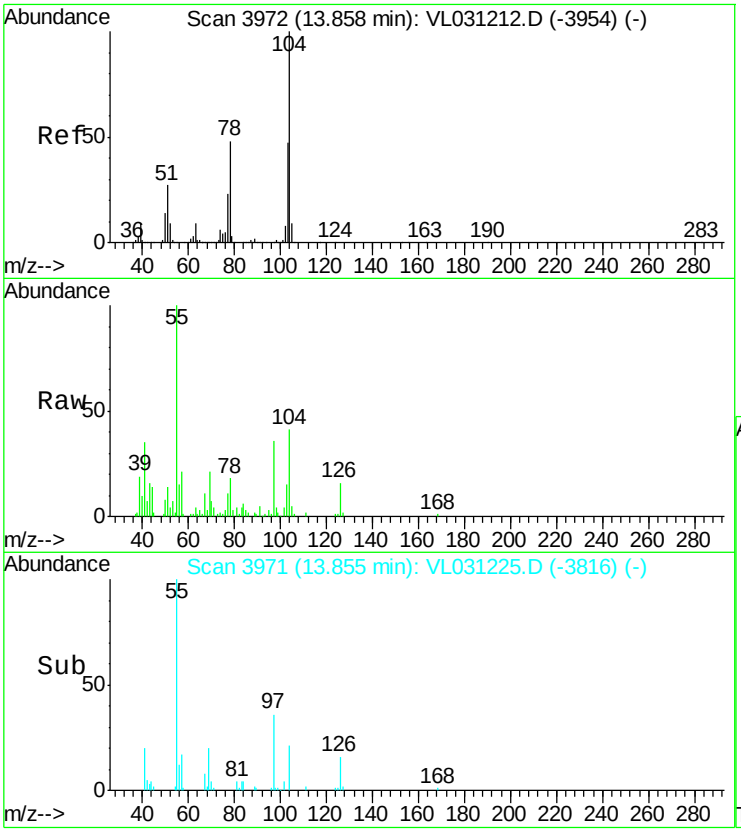


#60
o-Xylene
Concen: 11.230 ppbv
RT: 14.02 min Scan# 4023
Delta R.T. -0.00 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Tgt Ion: 91 Resp: 4174667

Ion	Ratio	Lower	Upper
91	100		
106	46.3	22.7	68.1



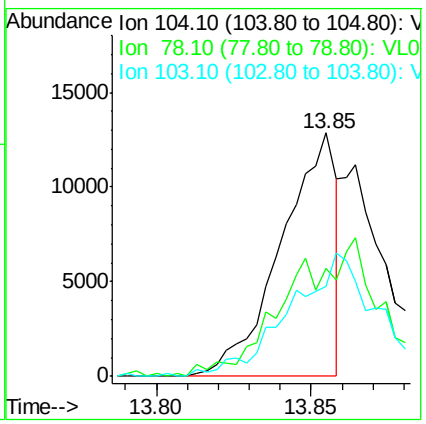


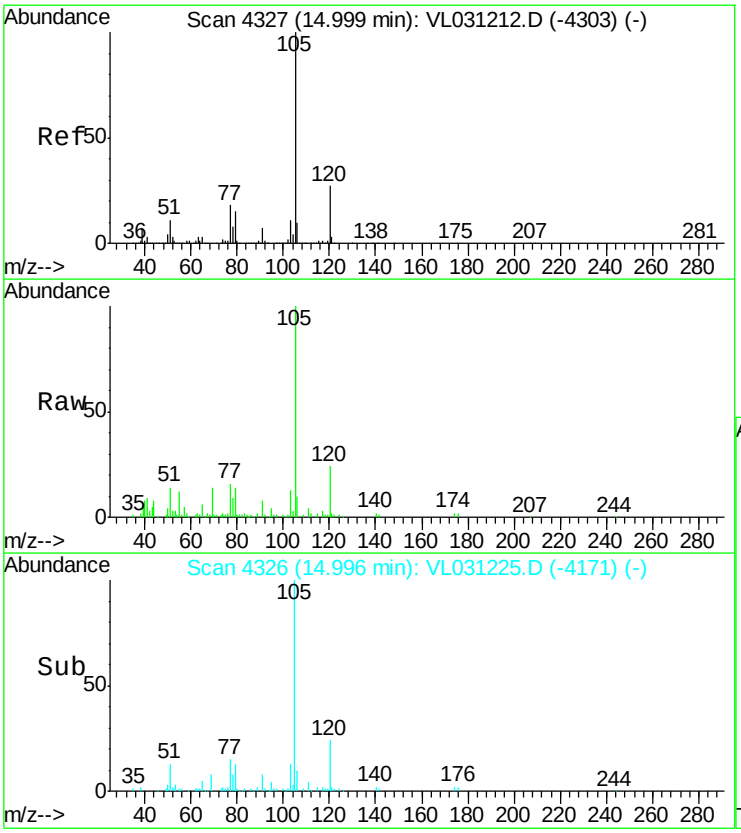
#61
Stvrene
Concen: 0.149 ppbv
RT: 13.85 min Scan# 3971
Delta R.T. -0.00 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:104 Resp: 15870

Ion	Ratio	Lower	Upper
104	100		
78	0.0	39.1	58.7#
103	83.2	37.3	55.9#

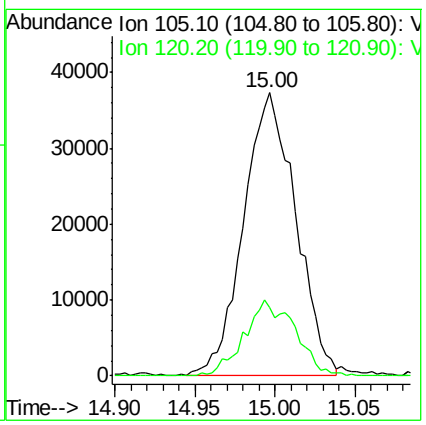


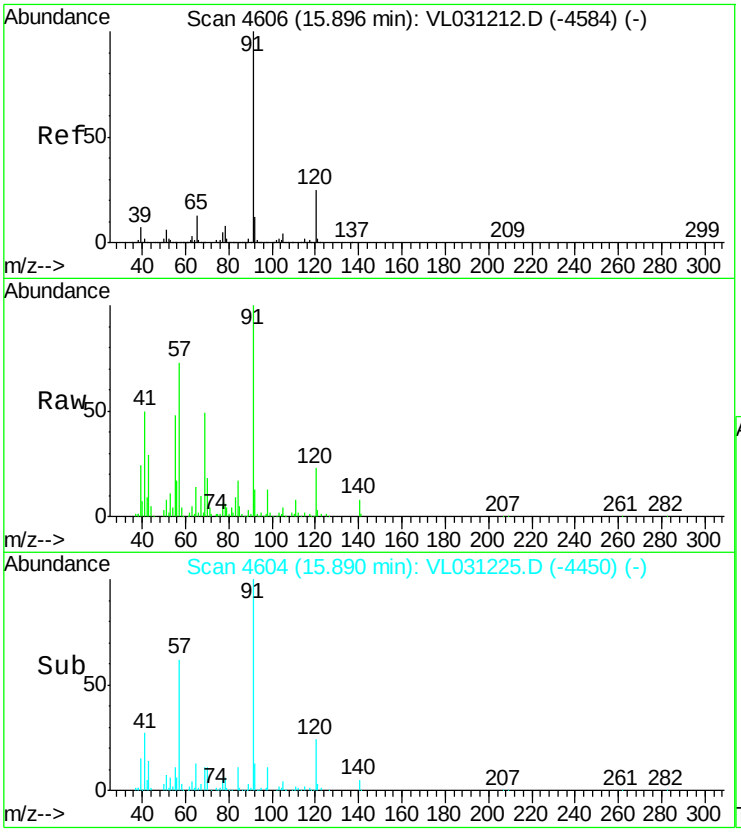


#62
Isopropylbenzene
Concen: 0.172 ppbv
RT: 15.00 min Scan# 4326
Delta R.T. -0.00 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Tgt Ion:105 Resp: 83738

Ion	Ratio	Lower	Upper
105	100		
120	26.1	21.0	31.6



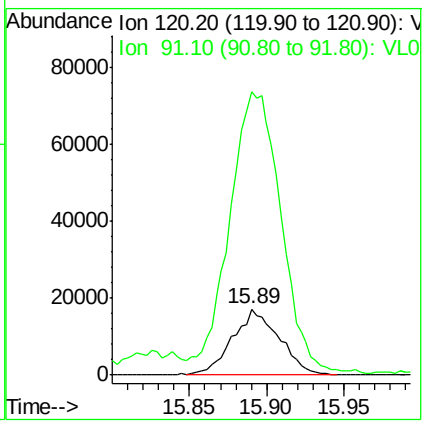


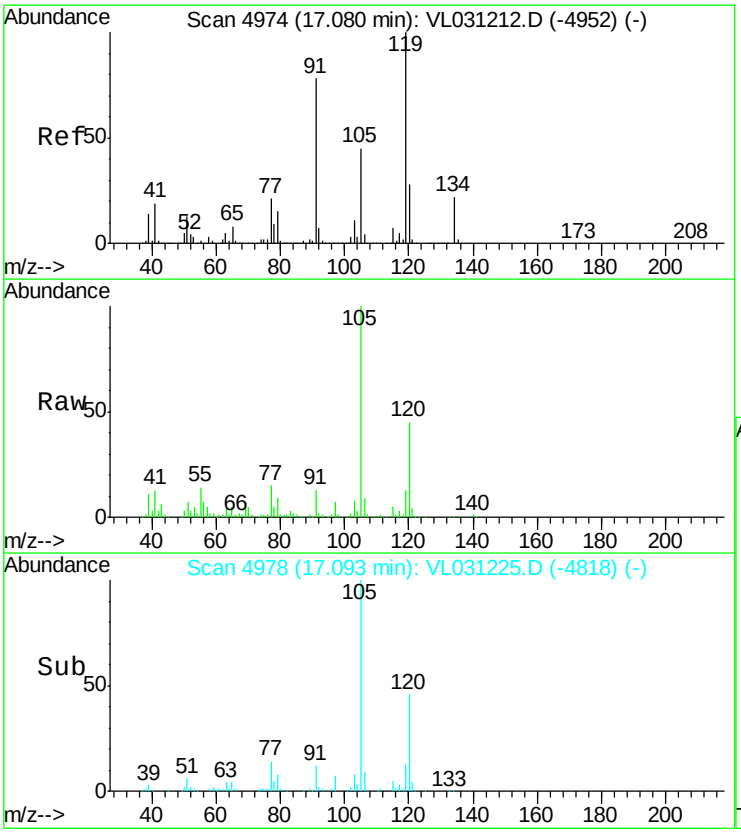
#64
n-propylbenzene
Concen: 0.278 ppbv
RT: 15.89 min Scan# 4604
Delta R.T. -0.01 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:120 Resp: 36023

Ion	Ratio	Lower	Upper
120	100		
91	468.5	352.1	528.1

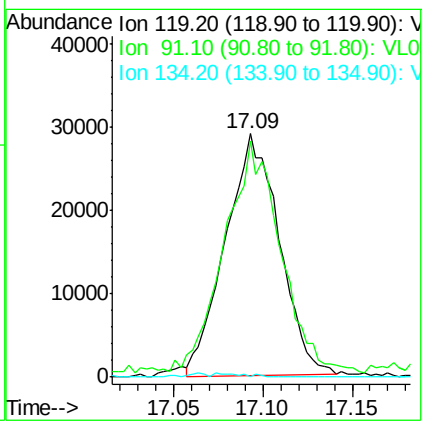


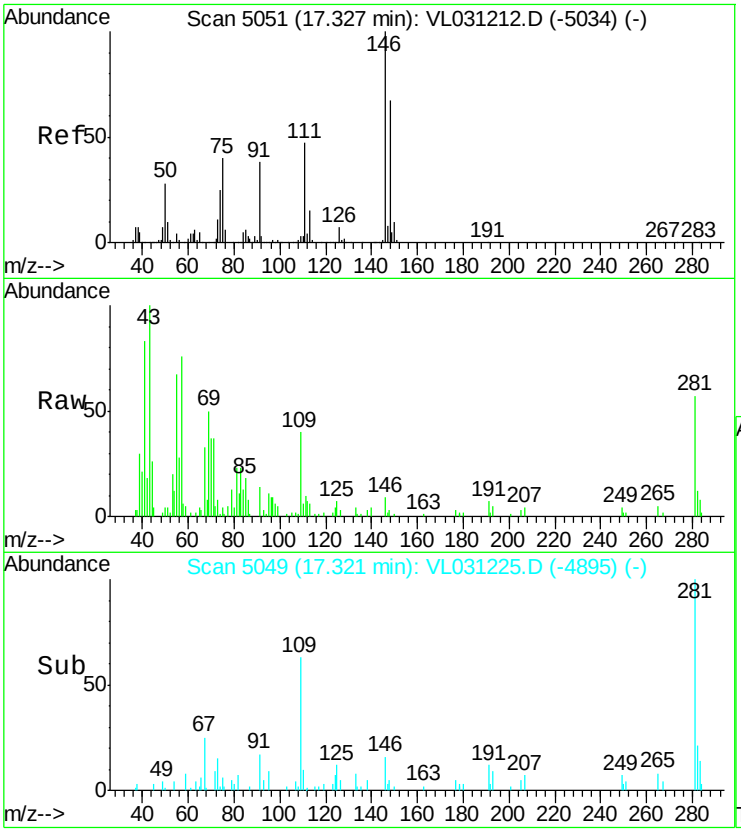


#65
tert-Butylbenzene
Concen: 0.141 ppbv
RT: 17.09 min Scan# 4978
Delta R.T. 0.01 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Tgt Ion:119 Resp: 61073

Ion	Ratio	Lower	Upper
119	100		
91	101.4	63.3	94.9#
134	0.0	16.1	24.1#



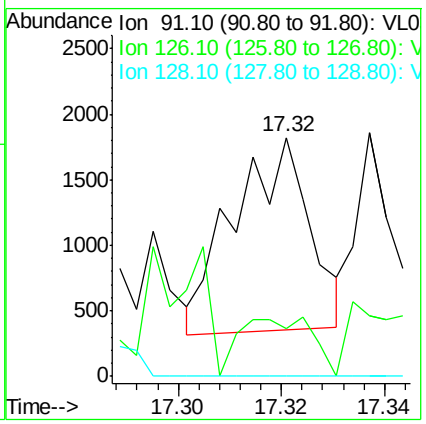


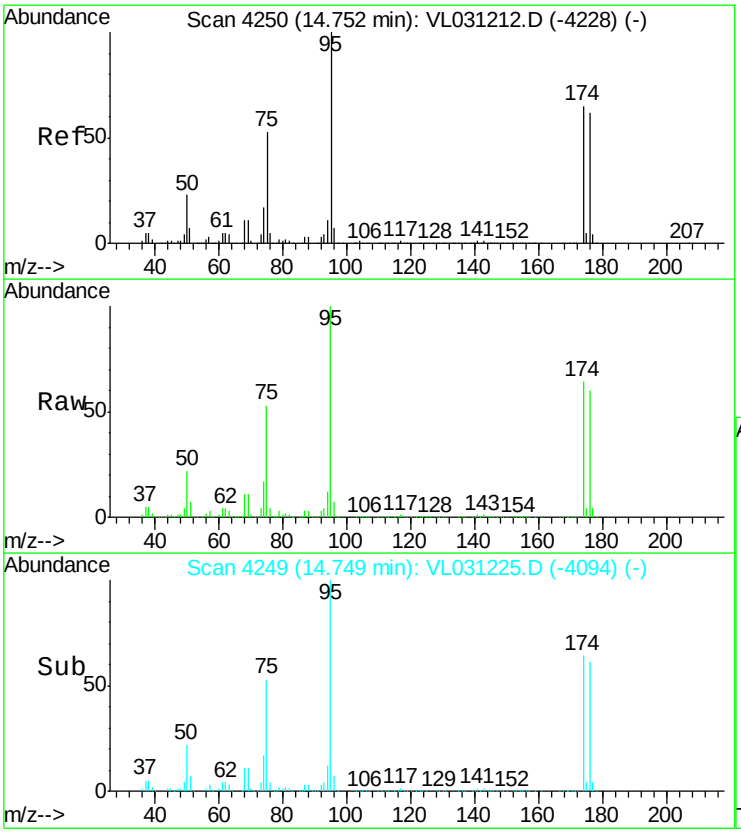
#66
Benzyl Chloride
Concen: 0.032 ppbv
RT: 17.32 min Scan# 5049
Delta R.T. -0.01 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 1499

Ion	Ratio	Lower	Upper
91	100		
126	0.0	15.2	22.8#
128	0.0	4.9	7.3#

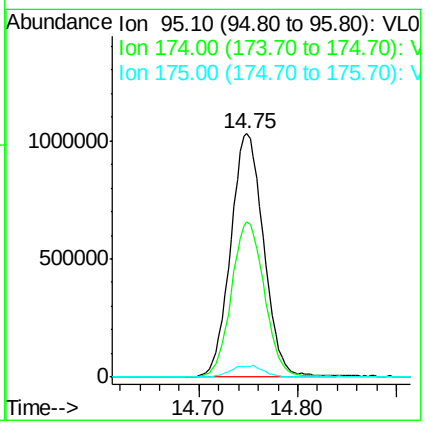


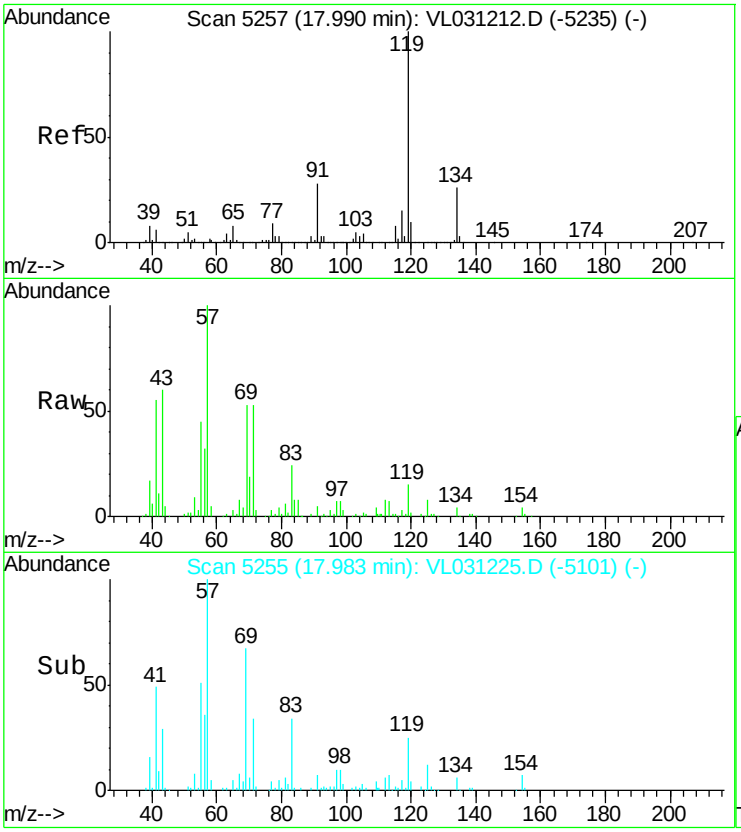


#68
1-Bromo-4-Fluorobenzene
Concen: 12.081 ppbv
RT: 14.75 min Scan# 4249
Delta R.T. -0.00 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Tgt Ion: 95 Resp: 2397365

Ion	Ratio	Lower	Upper
95	100		
174	64.2	52.5	78.7
175	4.8	4.1	6.1



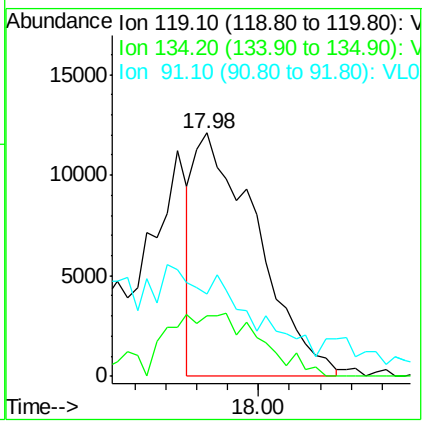


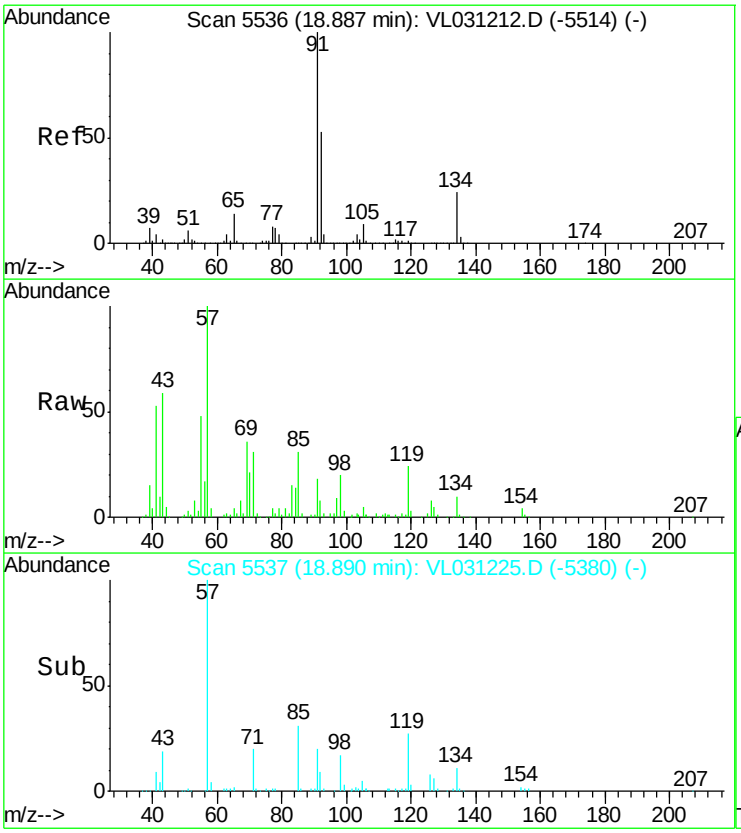
#69
p-Isopropyltoluene
Concen: 0.035 ppbv
RT: 17.98 min Scan# 5255
Delta R.T. -0.01 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:119 Resp: 17141

Ion	Ratio	Lower	Upper
119	100		
134	42.1	20.7	31.1#
91	52.0	22.3	33.5#

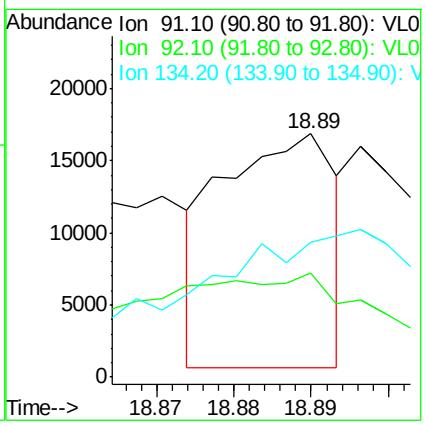


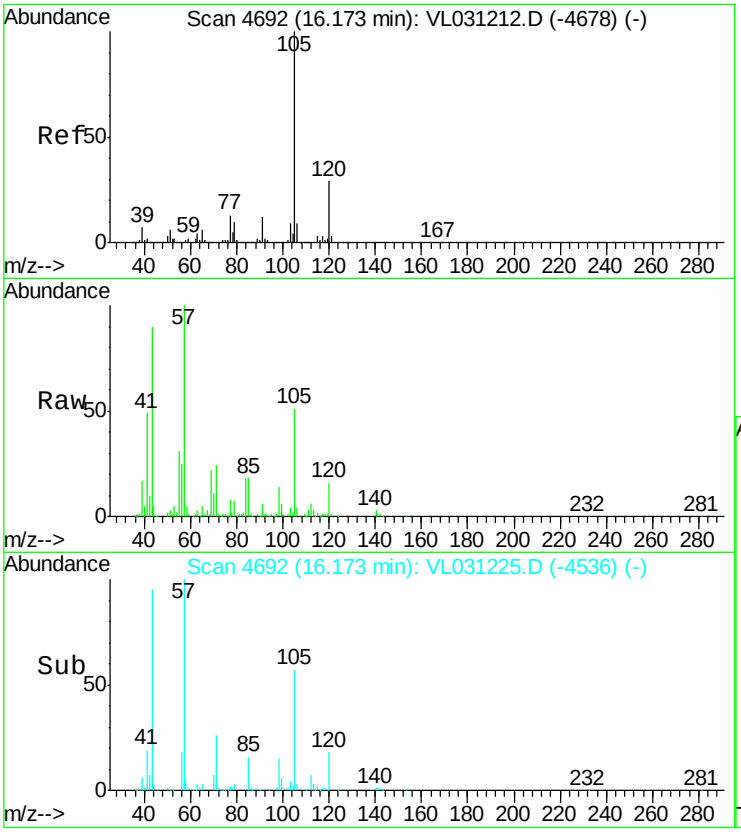


#70
n-Butylbenzene
Concen: 0.035 ppbv
RT: 18.89 min Scan# 5537
Delta R.T. 0.00 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Tgt Ion: 91 Resp: 16496

Ion	Ratio	Lower	Upper
91	100		
92	132.9	43.4	65.2#
134	0.0	19.3	28.9#



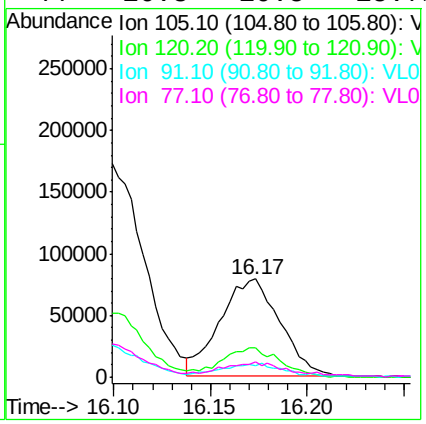


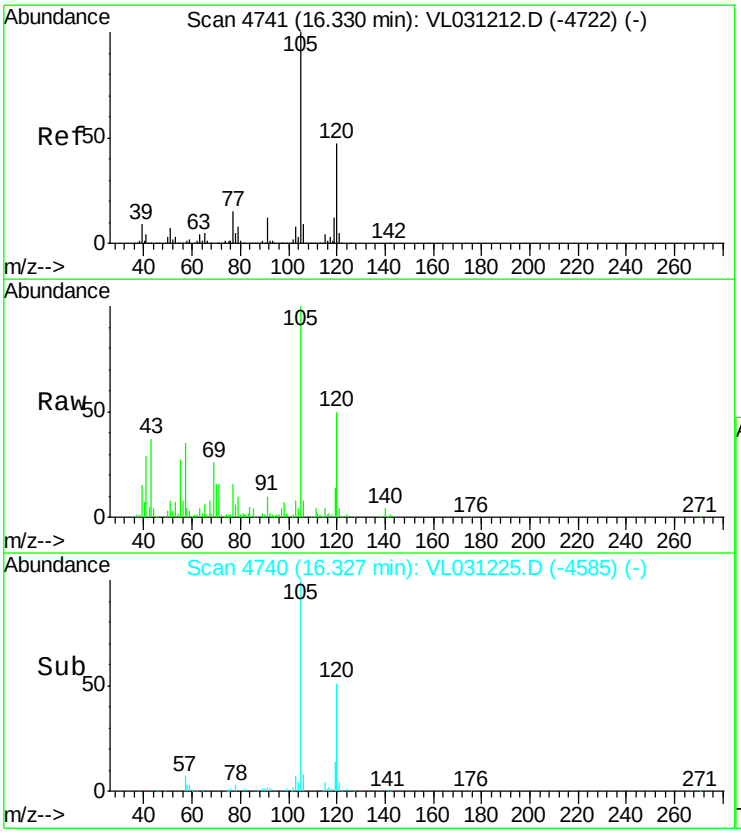
#72
4-Ethyltoluene
Concen: 0.415 ppbv
RT: 16.17 min Scan# 4692
Delta R.T. 0.00 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 169003

Ion	Ratio	Lower	Upper
105	100		
120	29.6	24.2	36.2
91	13.6	9.8	14.8
77	16.8	10.5	15.7#

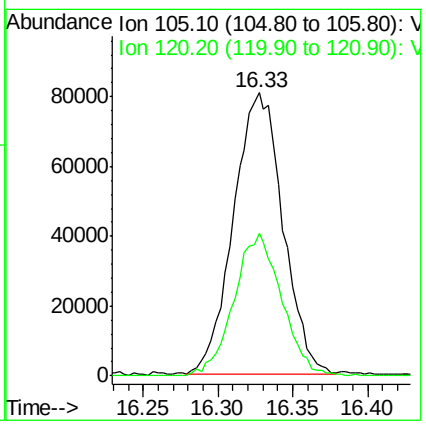


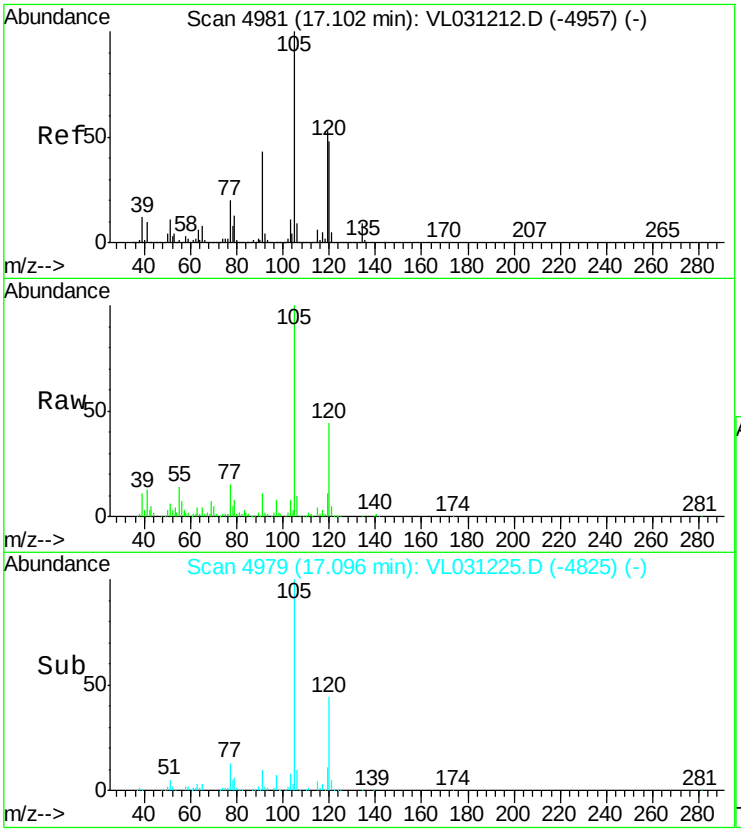


#73
1,3,5-Trimethylbenzene
Concen: 0.509 ppbv
RT: 16.33 min Scan# 4740
Delta R.T. -0.00 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Tgt Ion:105 Resp: 184414

Ion	Ratio	Lower	Upper
105	100		
120	50.7	37.8	56.6



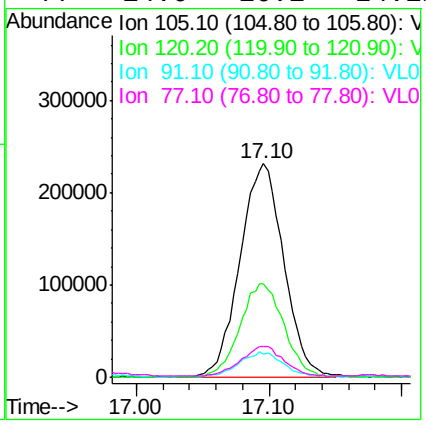


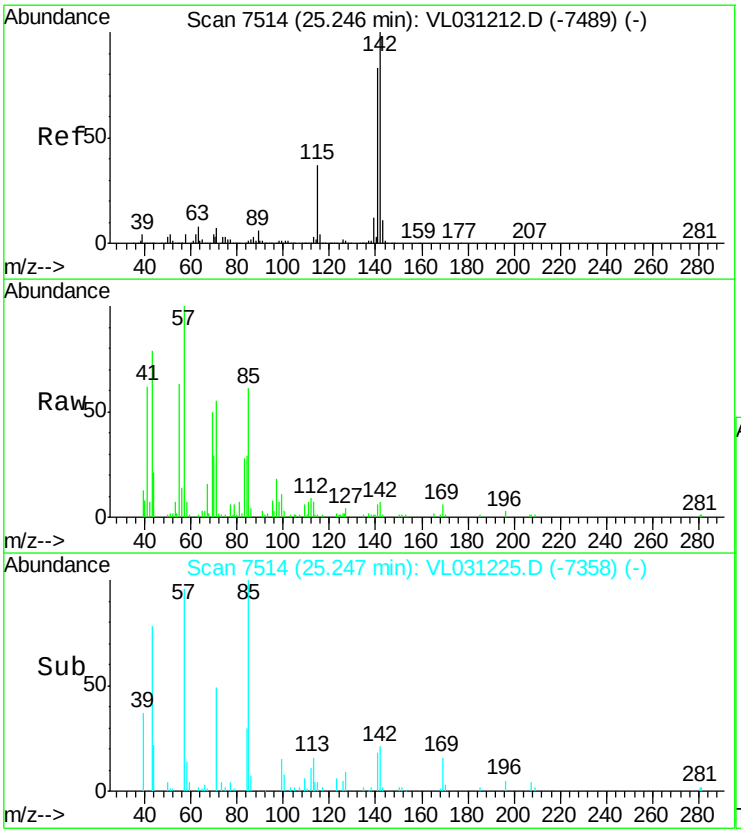
#74
1,2,4-Trimethylbenzene
Concen: 1.392 ppbv
RT: 17.10 min Scan# 4979
Delta R.T. -0.01 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 530788

Ion	Ratio	Lower	Upper
105	100		
120	43.7	38.6	58.0
91	10.1	34.2	51.4#
77	14.0	16.1	24.1#





#80
Naphthalene,2-methyl-
Concen: 0.037 ppbv
RT: 25.25 min Scan# 7514
Delta R.T. 0.00 min
Lab File: VL031225.D
Acq: 14 Dec 2017 10:32

Tgt Ion:142 Resp: 4276

Ion	Ratio	Lower	Upper
142	100		
141	114.1	66.8	100.2#
115	52.4	29.7	44.5#