Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100819\
Data File : VL034266.D
Acq On : 9 Oct 2019 2:31
Operator : SY/AP
Sample : K5243-03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA2

Quant Time: Oct 09 05:22:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 18 12:53:31 2019
QLast Update : Wed Sep 18 12:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.69	49	996406	10.00	ppbv		-0.01
33) 1,4-Difluorobenzene	7.21	114	1686502	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.16	117	1662397	10.00	ppbv		-0.01
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.49	95	1526356	10.57	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.03	85	478203	3.249	ppbv		97
3) Chlorodifluoromethane	2.94	51	310714	2.660	ppbv	#	68
4) Chloromethane	3.12	50	39866	0.581	ppbv	#	85
8) Dichlorotetrafluoroethane	3.03	85	478203	3.681	ppbv	#	22
9) Propene	3.19	41	554098	9.613	ppbv		95
10) Heptane	8.17	43	5412	0.036	ppbv	#	1
11) Trichlorofluoromethane	3.95	101	162265	1.211	ppbv		100
12) 1,1,2-Trichlorotrifluoroet	4.49	101	2845	0.032	ppbv	#	18
13) Ethanol	3.61	45	5082066	364.108	ppbv		99
15) Acetone	3.84	43	4769613	35.715	ppbv		91
16) 1,3-Butadiene	3.29	39	12592	0.216	ppbv	#	10
17) tert-Butyl alcohol	4.77	59	35005	0.414	ppbv		99
19) Isopropyl Alcohol	3.99	45	4471540	54.450	ppbv		99
20) Methylene Chloride	4.35	84	78394	2.036	ppbv	#	92
21) Allyl Chloride	4.68	41	7679	0.102	ppbv	#	22
23) Vinyl Acetate	5.08	43	49146	0.250	ppbv	#	53
25) Ethyl Acetate	5.70	43	181659	0.719	ppbv	#	91
26) Hexane	5.71	57	81432	0.775	ppbv		89
29) Chloroform	5.78	83	136359	0.908	ppbv		93
30) Cyclohexane	7.17	84	221768	2.924	ppbv		90
34) 2-Butanone	5.26	43	169353	0.983	ppbv		98
36) Benzene	6.92	78	21294	0.114	ppbv	#	93
37) 1,2-Dichloroethane	6.33	62	16101	0.122	ppbv	#	93
38) Trichloroethene	7.88	130	6305	0.095	ppbv		88
39) 1,2-Dichloropropane	7.21	63	562576	6.722	ppbv	#	20
44) 2,2,4-Trimethylpentane	7.91	57	20032	0.056	ppbv	#	40
52) Tetrachloroethene	11.28	164	2407	0.039	ppbv	#	1
53) Toluene	9.86	91	242592	1.192	ppbv		98
58) Ethyl Benzene	12.79	91	18310	0.068	ppbv		92
59) m/p-Xylene	13.04	91	144327	0.650	ppbv		95
60) o-Xylene	13.76	91	59198	0.266	ppbv		97
61) Styrene	13.60	104	8059	0.051	ppbv	#	1
64) n-propylbenzene	15.64	120	2580	0.035	ppbv	#	1
65) tert-Butylbenzene	16.83	119	9506	0.038	ppbv	#	1
67) sec-Butylbenzene	17.66	105	13737	0.038	ppbv		99
69) p-Isopropyltoluene	17.73	119	12797	0.044	ppbv	#	29
72) 4-Ethyltoluene	15.91	105	39709	0.158	ppbv	#	94
74) 1,2,4-Trimethylbenzene	16.83	105	178314	0.693	ppbv	#	66
76) 1,4-Dichlorobenzene	17.22	146	9244	0.065	ppbv	#	1
79) Naphthalene	22.30	128	13577	0.060	ppbv	#	67
80) Naphthalene,2-methyl-	25.04	142	3716	0.035	ppbv	#	74

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100819\
Data File : VL034266.D
Acq On : 9 Oct 2019 2:31
Operator : SY/AP
Sample : K5243-03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA2

Quant Time: Oct 09 05:22:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 18 12:53:31 2019
QLast Update : Wed Sep 18 12:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100819\
Data File : VL034266.D
Acq On : 9 Oct 2019 2:31
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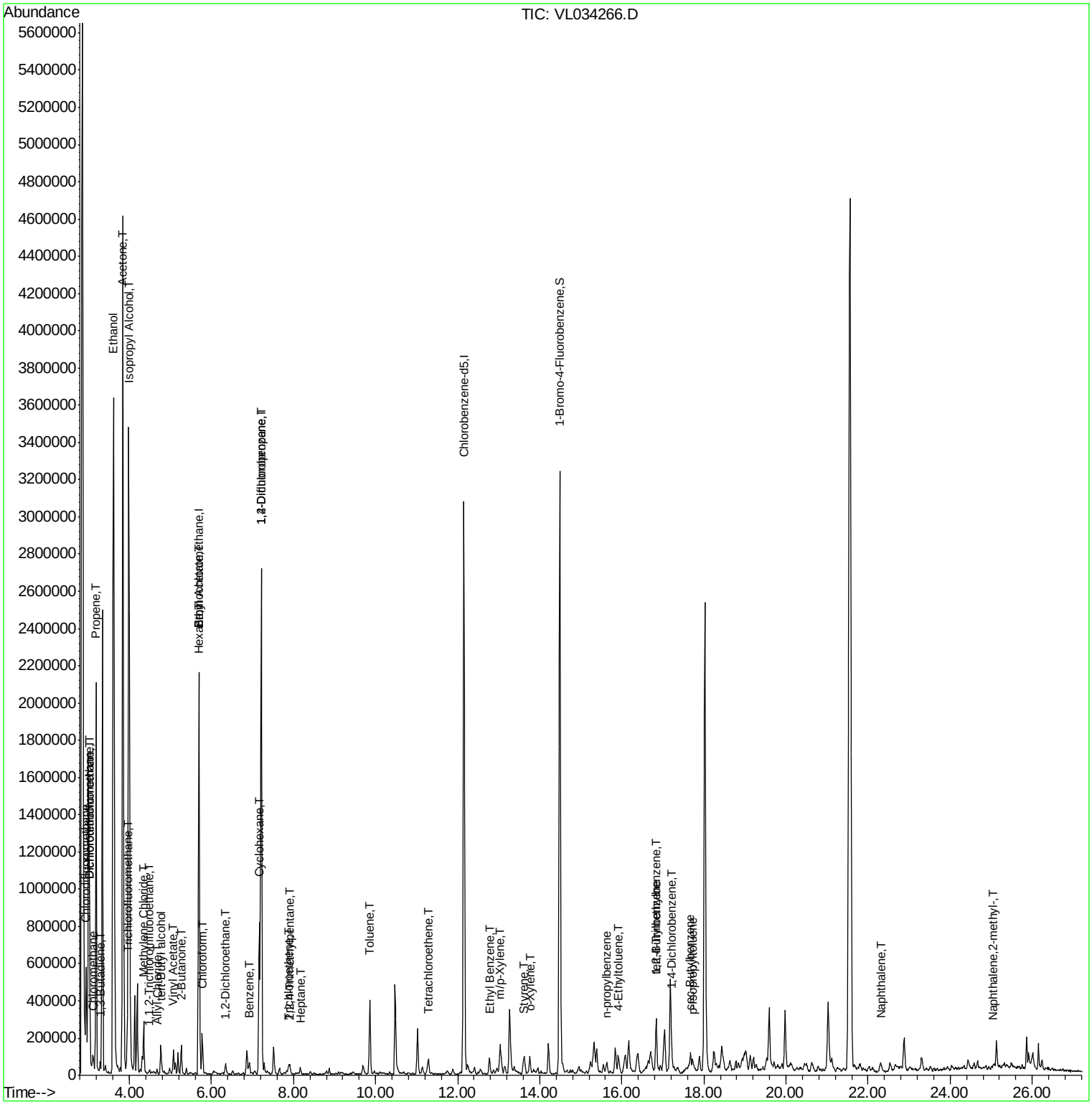
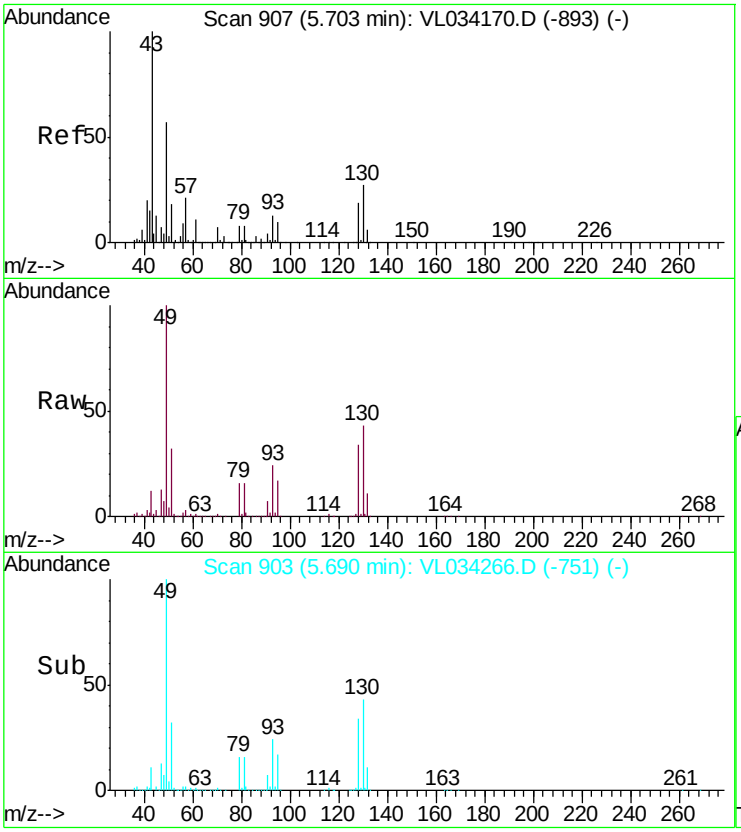
Quant Time: Oct 09 05:22:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 18 12:53:31 2019
QLast Update : Wed Sep 18 12:53:31 2019
Response via : Initial Calibration



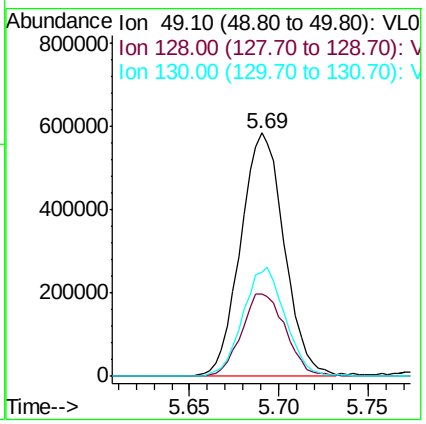


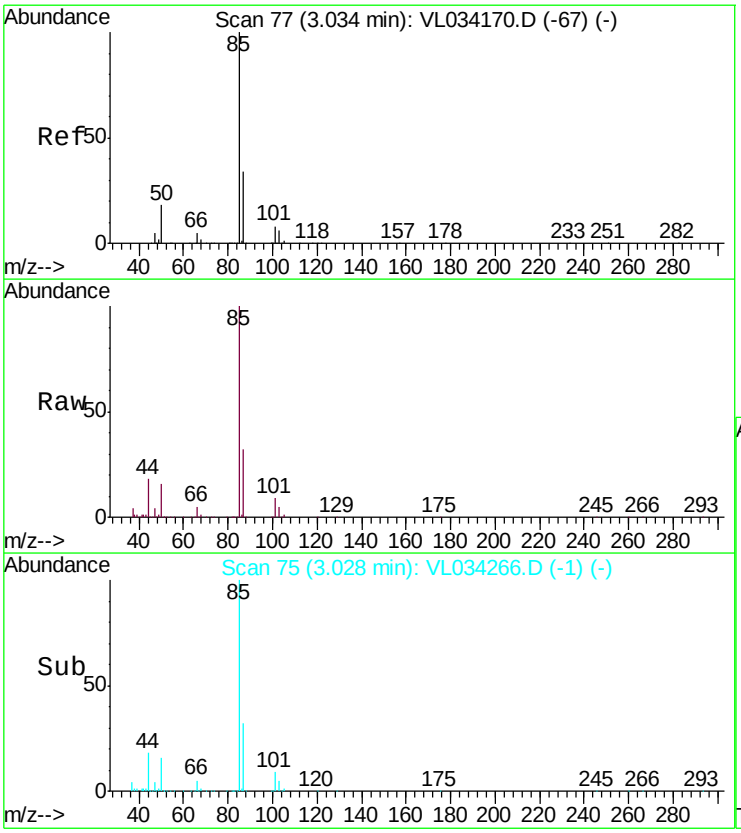
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.69 min Scan# 903
Delta R.T. -0.01 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Instrument : MSVOA_L
ClientSampleId : IA2

Tgt Ion: 49 Resp: 996406

Ion	Ratio	Lower	Upper
49	100		
128	34.5	17.6	52.9
130	43.9	22.3	66.9

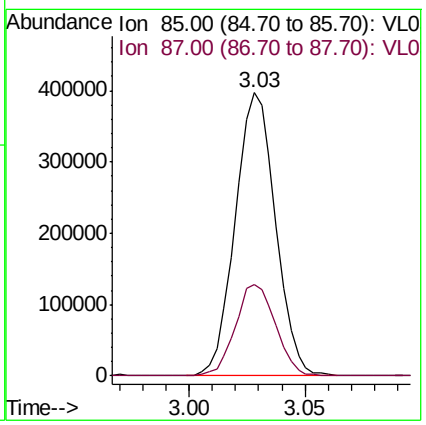


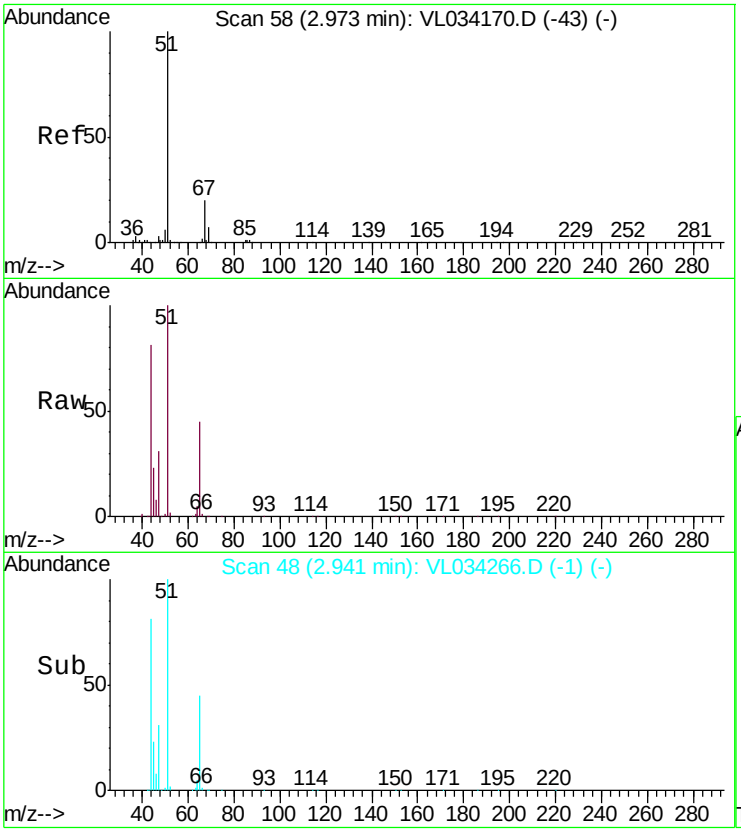


#2
Dichlorodifluoromethane
Concen: 3.249 ppbv
RT: 3.03 min Scan# 75
Delta R.T. -0.01 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Tgt Ion: 85 Resp: 478203

Ion	Ratio	Lower	Upper
85	100		
87	32.1	27.2	40.8



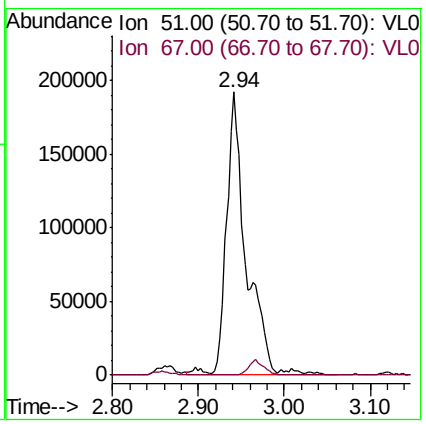


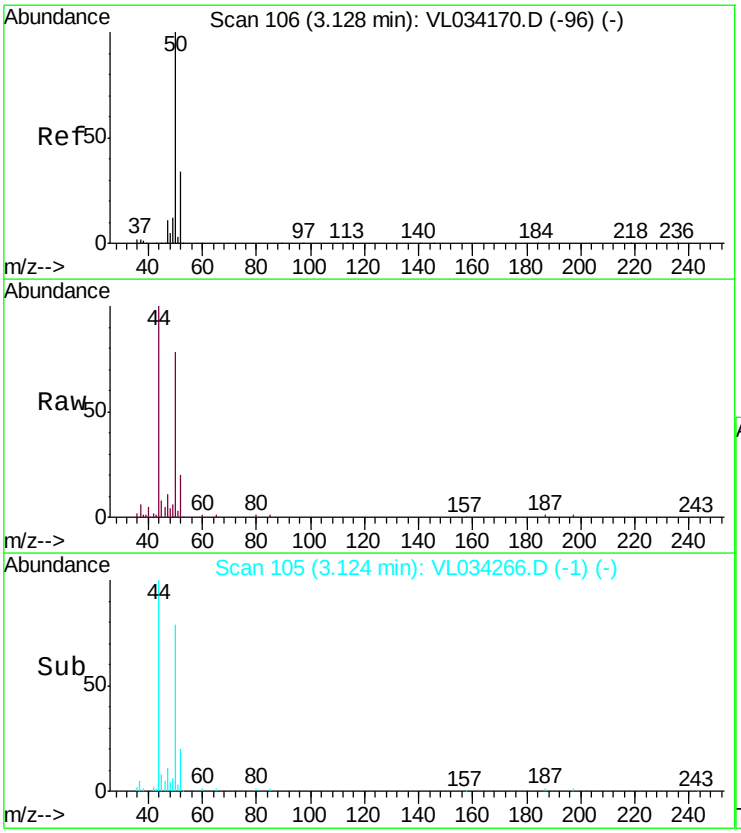
#3
Chlorodifluoromethane
Concen: 2.660 ppbv
RT: 2.94 min Scan# 48
Delta R.T. -0.03 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Instrument : MSVOA_L
ClientSampleId : IA2

Tgt Ion: 51 Resp: 310714

Ion	Ratio	Lower	Upper
51	100		
67	4.0	14.8	22.2#

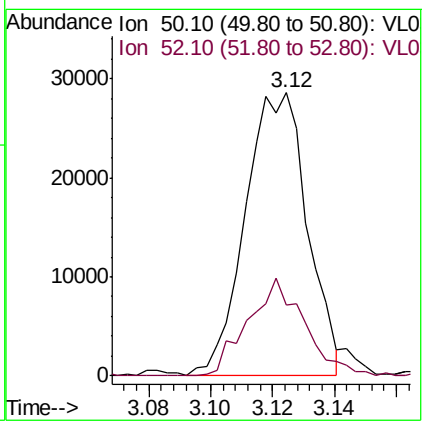


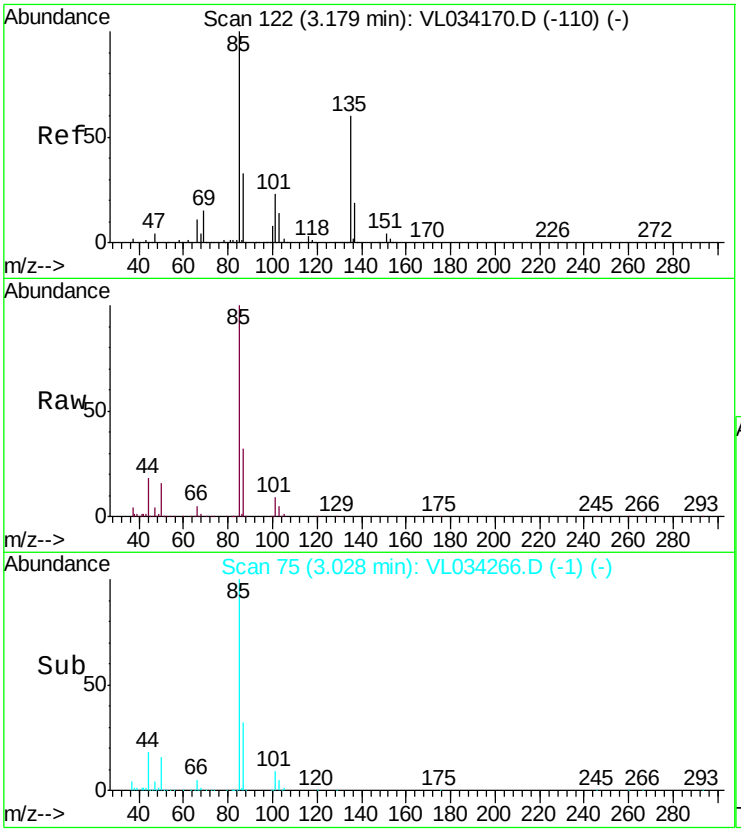


#4
Chloromethane
Concen: 0.581 ppbv
RT: 3.12 min Scan# 105
Delta R.T. -0.00 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Tgt Ion: 50 Resp: 39866

Ion	Ratio	Lower	Upper
50	100		
52	25.6	27.1	40.7#



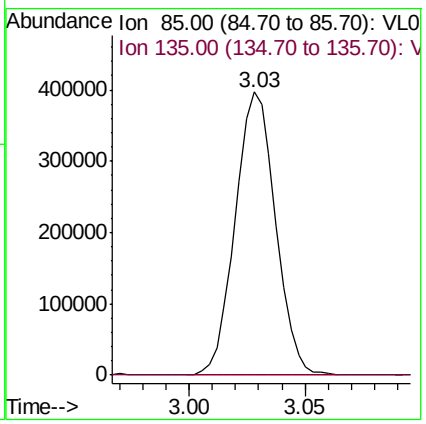


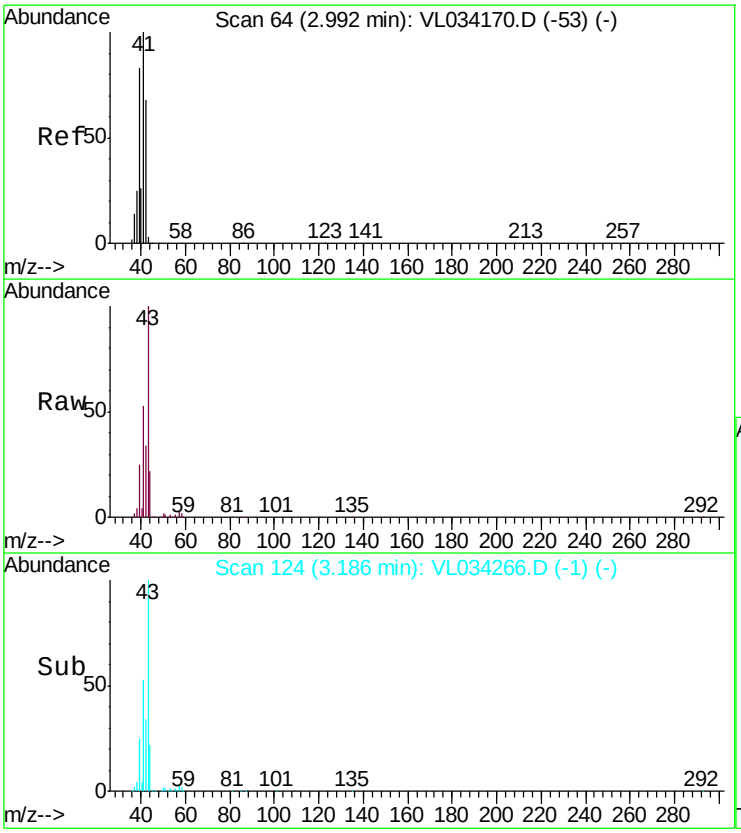
#8
Dichlorotetrafluoroethane
Concen: 3.681 ppbv
RT: 3.03 min Scan# 75
Delta R.T. -0.15 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Instrument : MSVOA_L
ClientSampleId : IA2

Tgt Ion: 85 Resp: 478203

Ion	Ratio	Lower	Upper
85	100		
135	0.4	47.3	70.9#

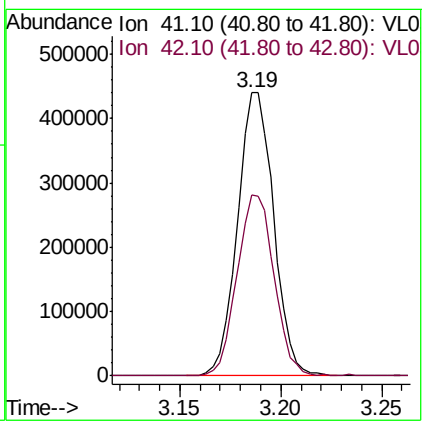


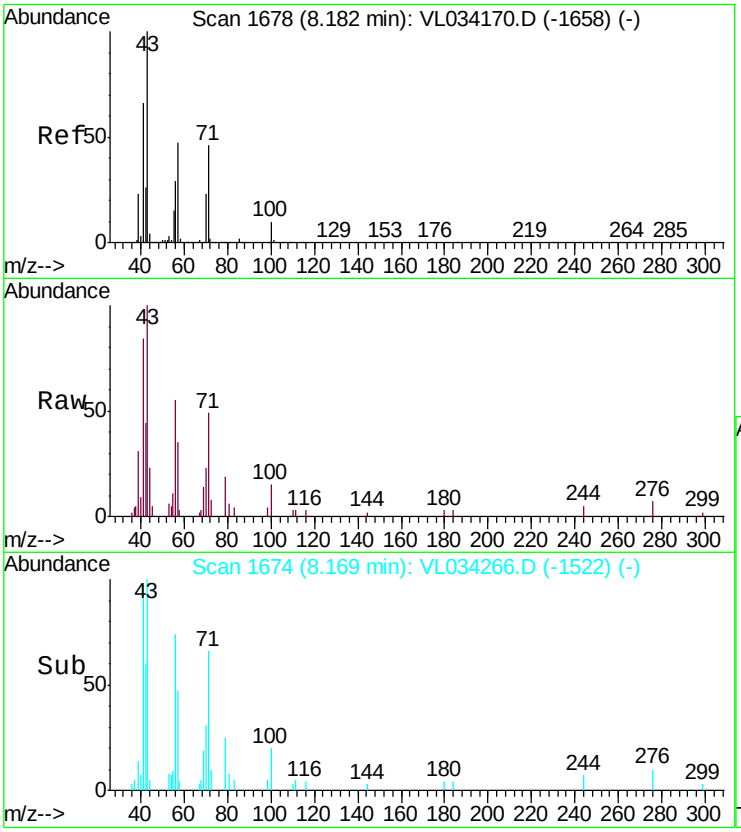


#9
Propene
Concen: 9.613 ppbv
RT: 3.19 min Scan# 124
Delta R.T. 0.19 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Tgt Ion: 41 Resp: 554098

Ion	Ratio	Lower	Upper
41	100		
42	65.7	55.8	83.6



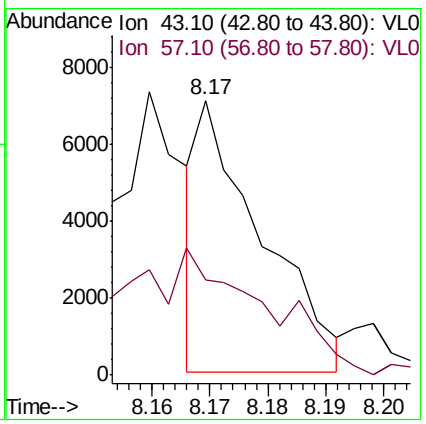


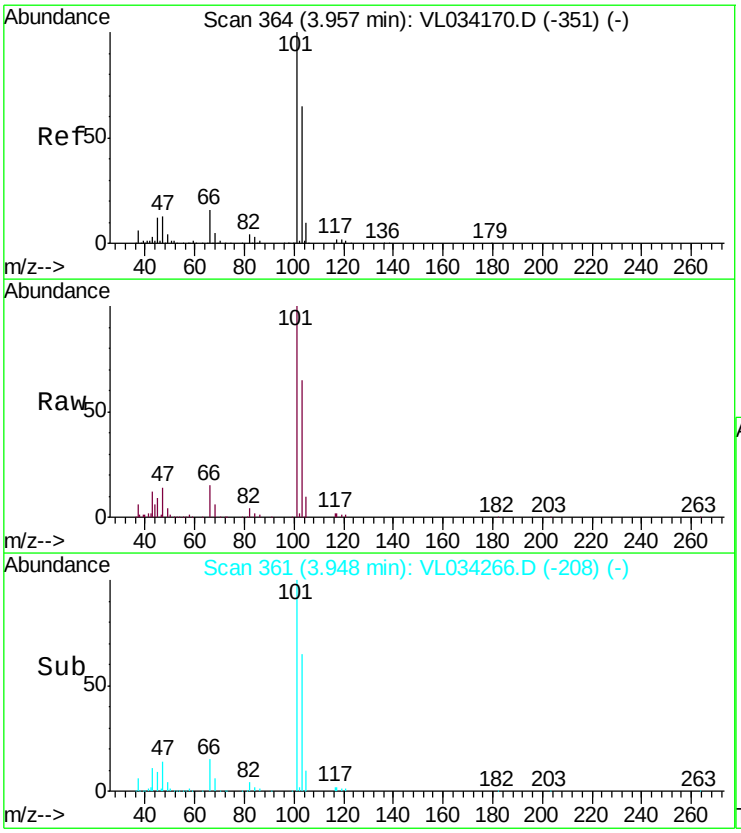
#10
Heptane
Concen: 0.036 ppbv
RT: 8.17 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Instrument :
MSVOA_L
ClientSampleId :
IA2

Tgt Ion: 43 Resp: 5412

Ion	Ratio	Lower	Upper
43	100		
57	118.7	37.5	56.3#

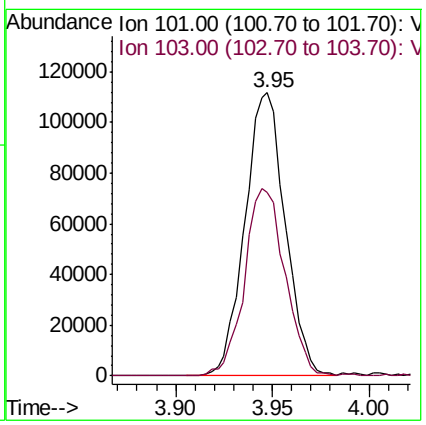


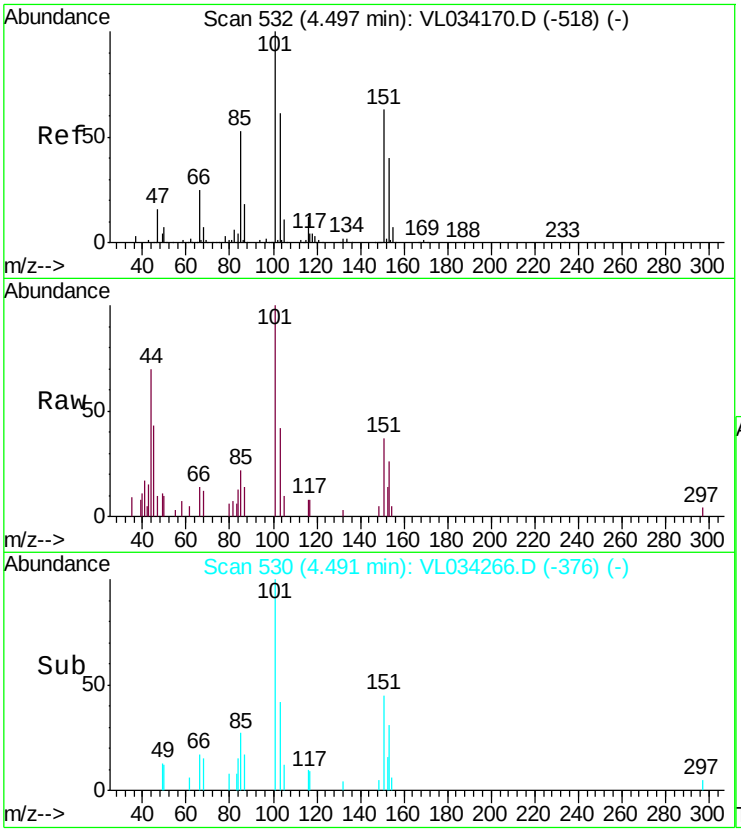


#11
Trichlorofluoromethane
Concen: 1.211 ppbv
RT: 3.95 min Scan# 361
Delta R.T. -0.01 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Tgt Ion:101 Resp: 162265

Ion	Ratio	Lower	Upper
101	100		
103	64.9	52.1	78.1



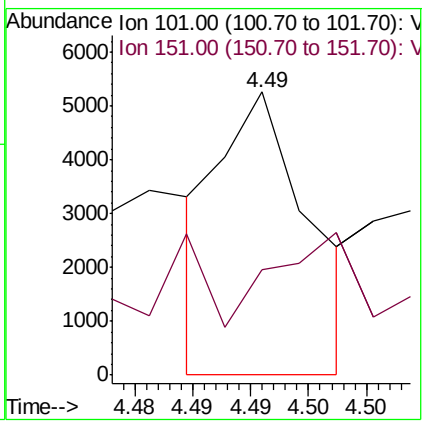


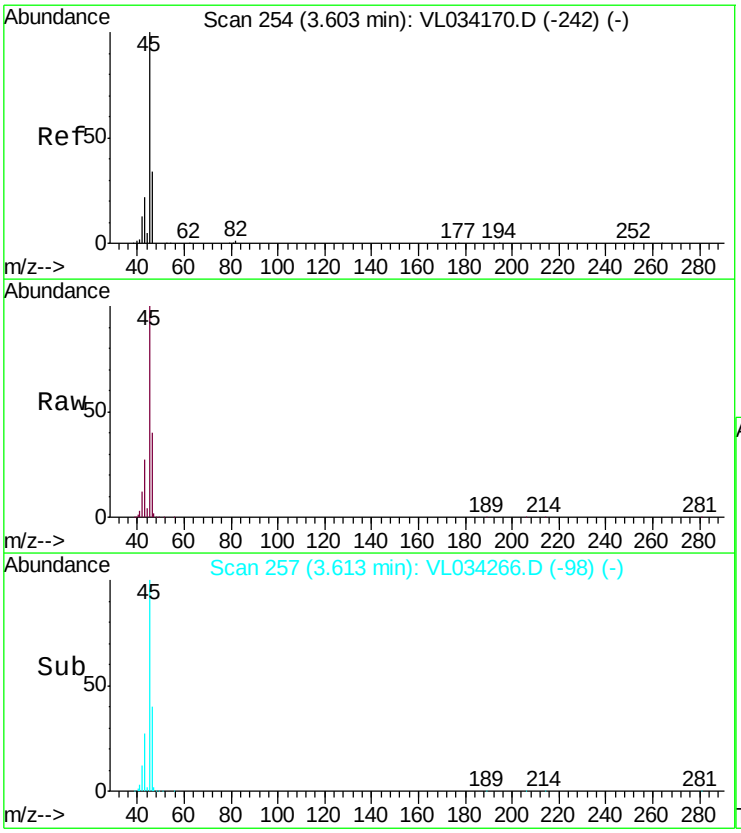
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.032 ppbv
RT: 4.49 min Scan# 530
Delta R.T. -0.01 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Instrument : MSVOA_L
ClientSampleId : IA2

Tgt Ion:101 Resp: 2845

Ion	Ratio	Lower	Upper
101	100		
151	0.0	51.8	77.8#

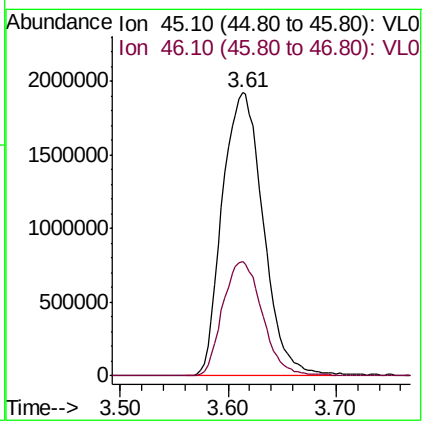


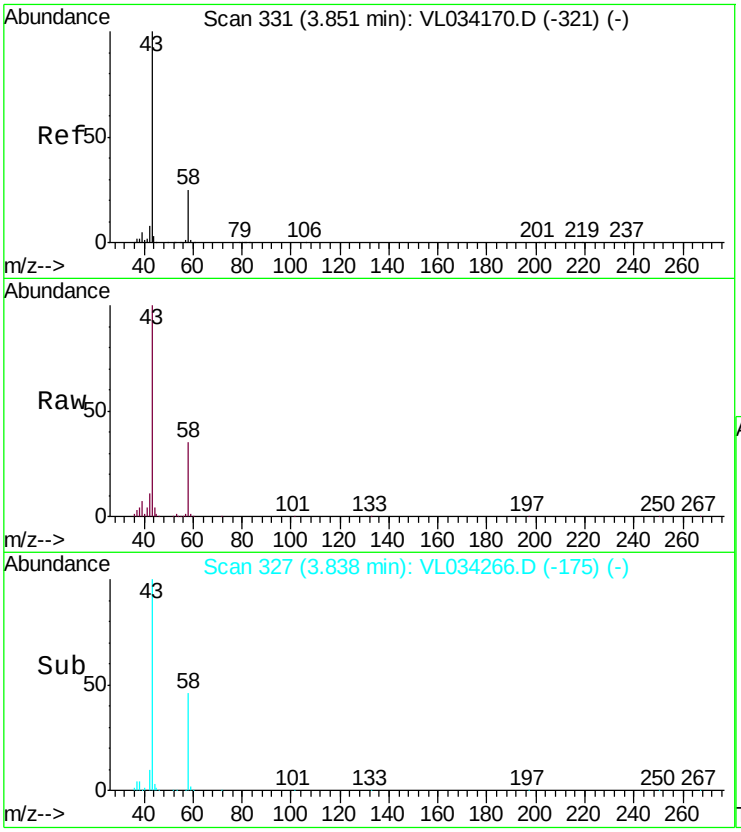


#13
Ethanol
Concen: 364.108 ppbv
RT: 3.61 min Scan# 257
Delta R.T. 0.01 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Tgt Ion: 45 Resp: 5082066

Ion	Ratio	Lower	Upper
45	100		
46	39.3	15.5	61.9



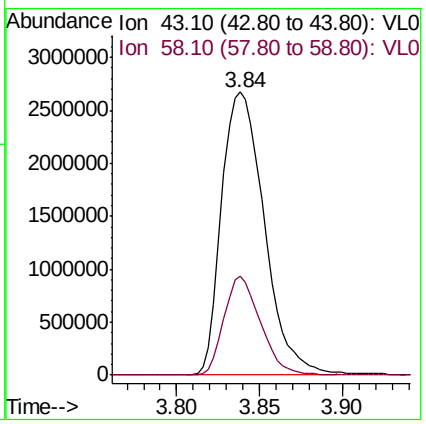


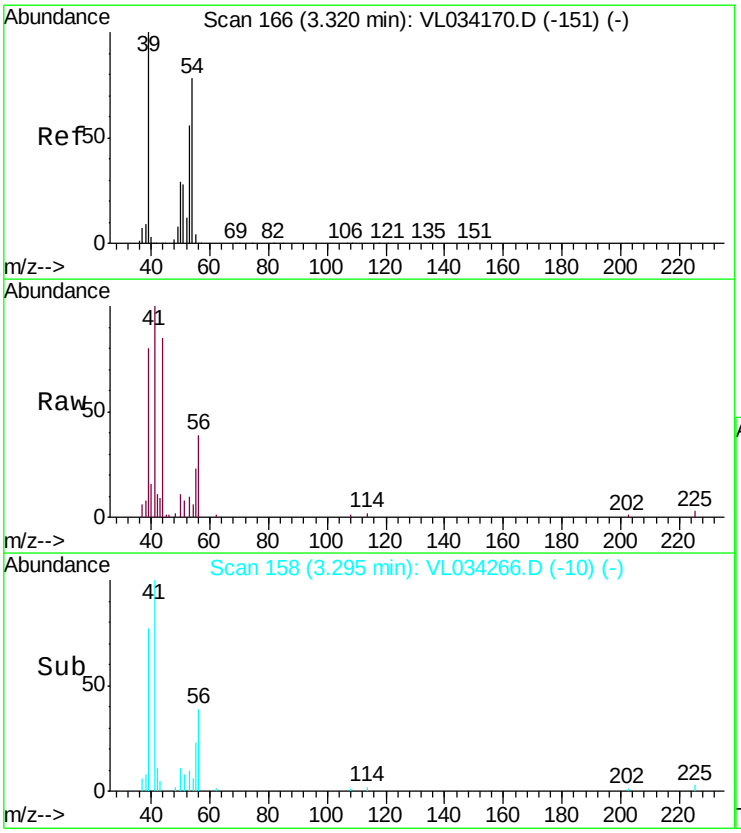
#15
Acetone
Concen: 35.715 ppbv
RT: 3.84 min Scan# 327
Delta R.T. -0.01 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Instrument :
MSVOA_L
ClientSampleId :
IA2

Tgt Ion: 43 Resp: 4769613

Ion	Ratio	Lower	Upper
43	100		
58	30.2	20.5	30.7

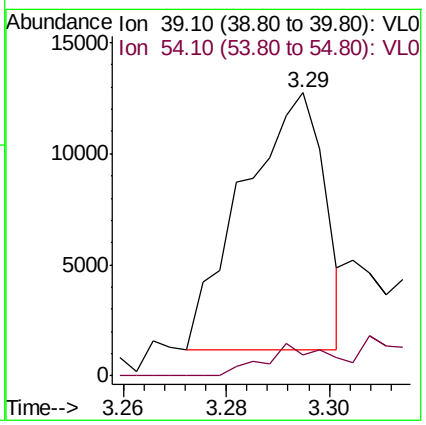


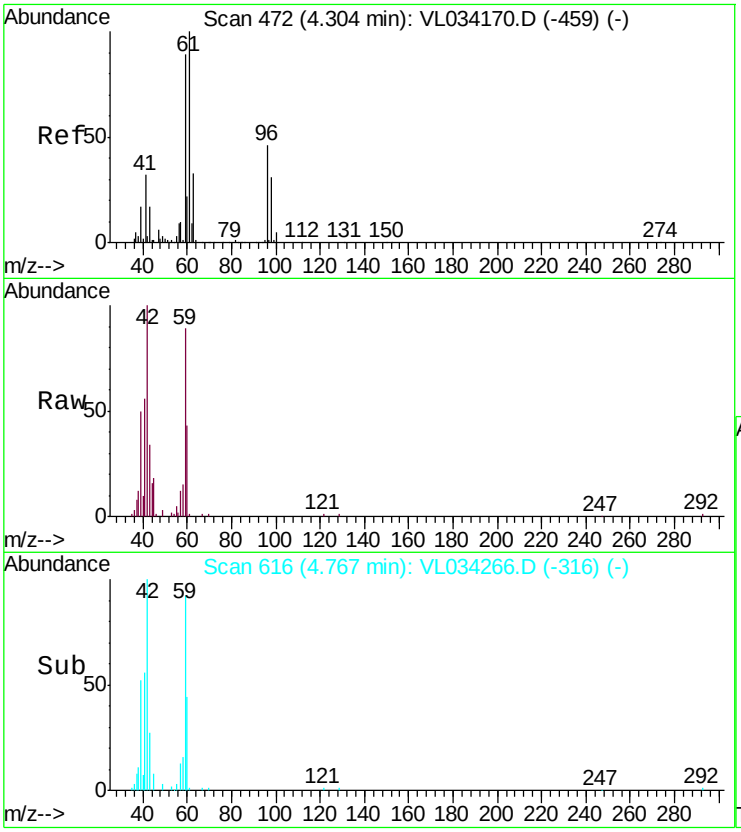


#16
1,3-Butadiene
Concen: 0.216 ppbv
RT: 3.29 min Scan# 158
Delta R.T. -0.03 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Tgt Ion: 39 Resp: 12592

Ion	Ratio	Lower	Upper
39	100		
54	0.0	63.4	95.0#



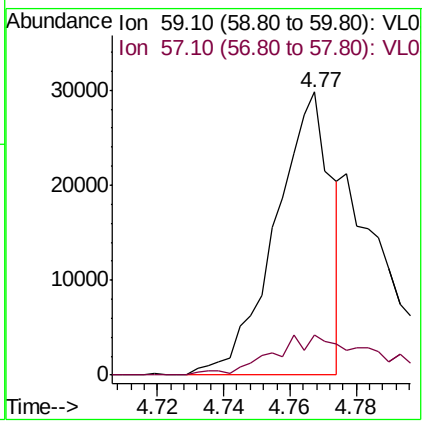


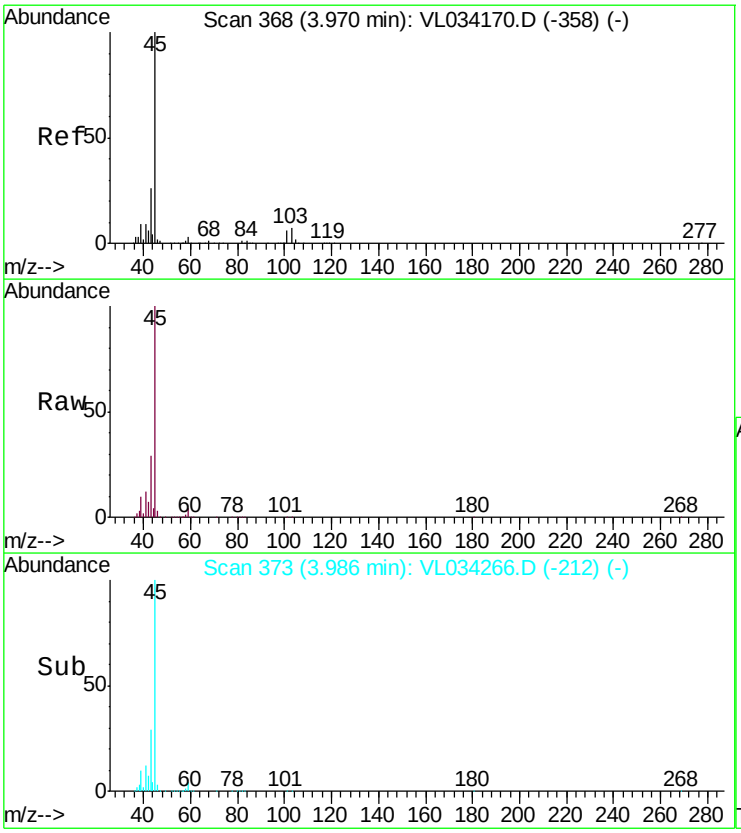
#17
tert-Butyl alcohol
Concen: 0.414 ppbv
RT: 4.77 min Scan# 616
Delta R.T. 0.46 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Instrument :
MSVOA_L
ClientSampleId :
IA2

Tgt Ion: 59 Resp: 35005

Ion	Ratio	Lower	Upper
59	100		
57	11.3	8.7	13.1

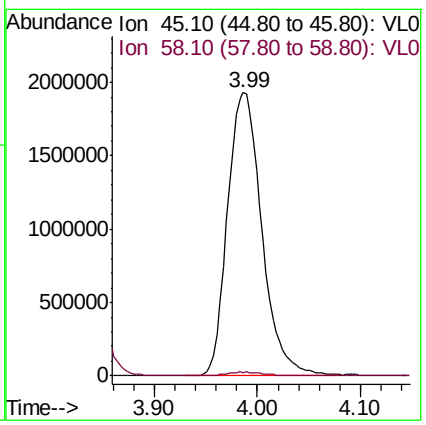


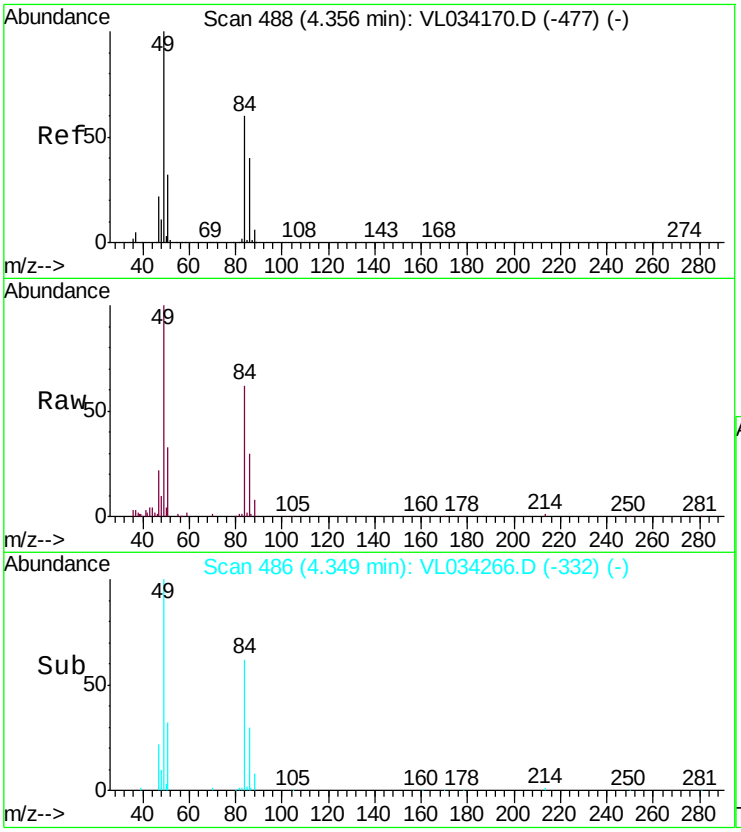


#19
Isopropyl Alcohol
Concen: 54.450 ppbv
RT: 3.99 min Scan# 373
Delta R.T. 0.02 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Tgt Ion: 45 Resp: 4471540

Ion	Ratio	Lower	Upper
45	100		
58	1.4	1.4	2.0



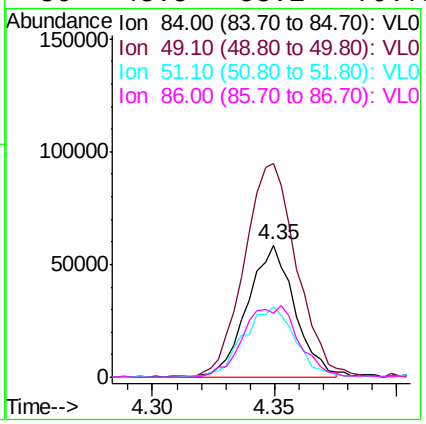


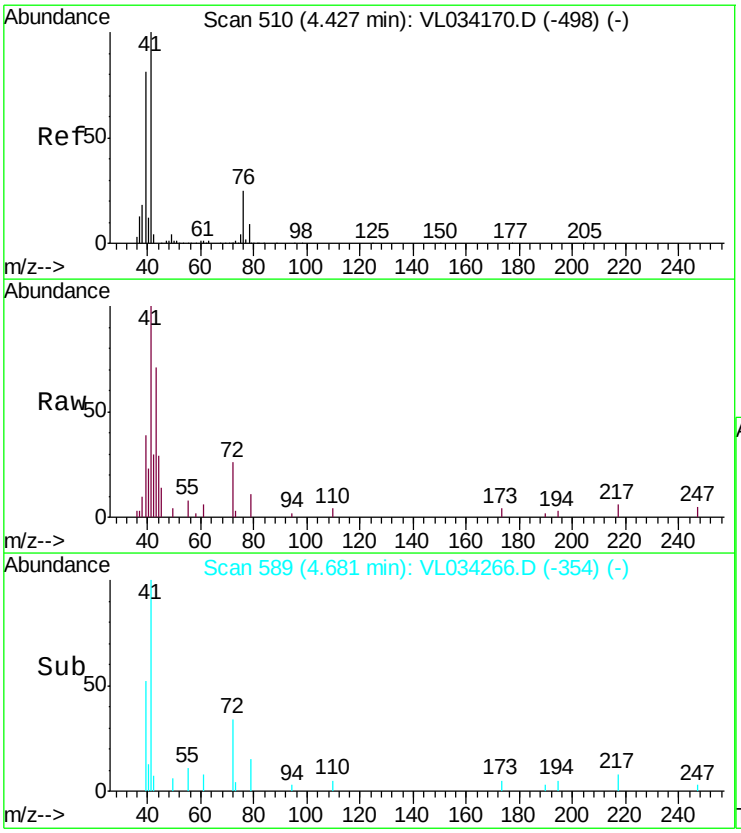
#20
Methylene Chloride
Concen: 2.036 ppbv
RT: 4.35 min Scan# 486
Delta R.T. -0.01 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Instrument :
MSVOA_L
ClientSampleId :
IA2

Tgt Ion: 84 Resp: 78394

Ion	Ratio	Lower	Upper
84	100		
49	160.8	133.8	200.8
51	52.8	43.6	65.4
86	48.5	53.1	79.7#

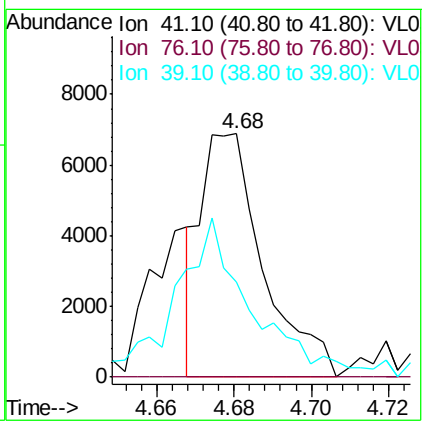


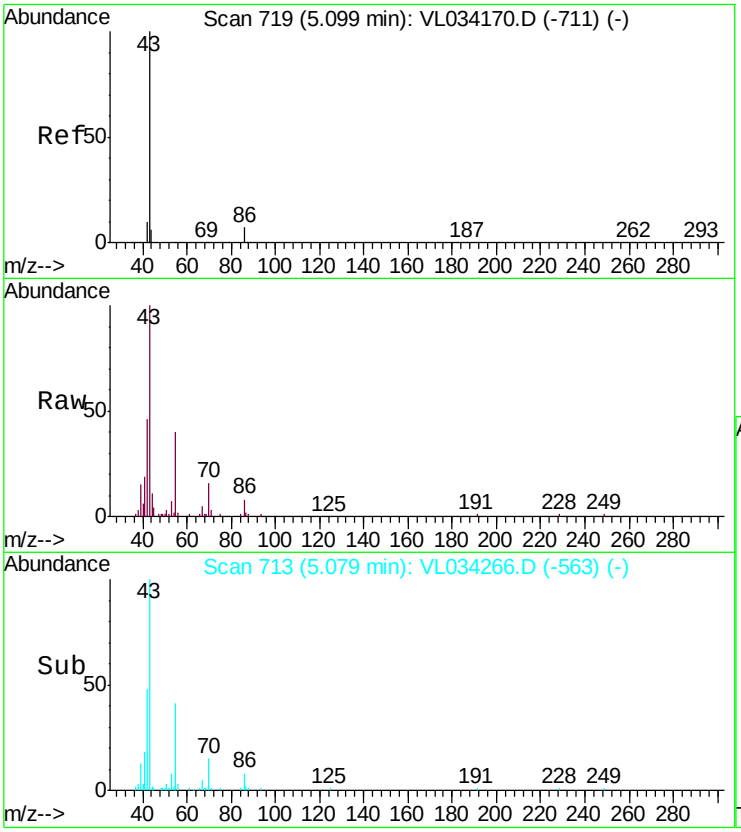


#21
Allyl Chloride
Concen: 0.102 ppbv
RT: 4.68 min Scan# 589
Delta R.T. 0.25 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Tgt Ion: 41 Resp: 7679

Ion	Ratio	Lower	Upper
41	100		
76	47.5	21.8	32.6#
39	0.0	64.8	97.2#



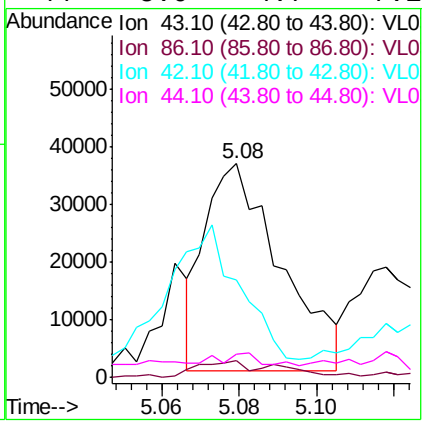


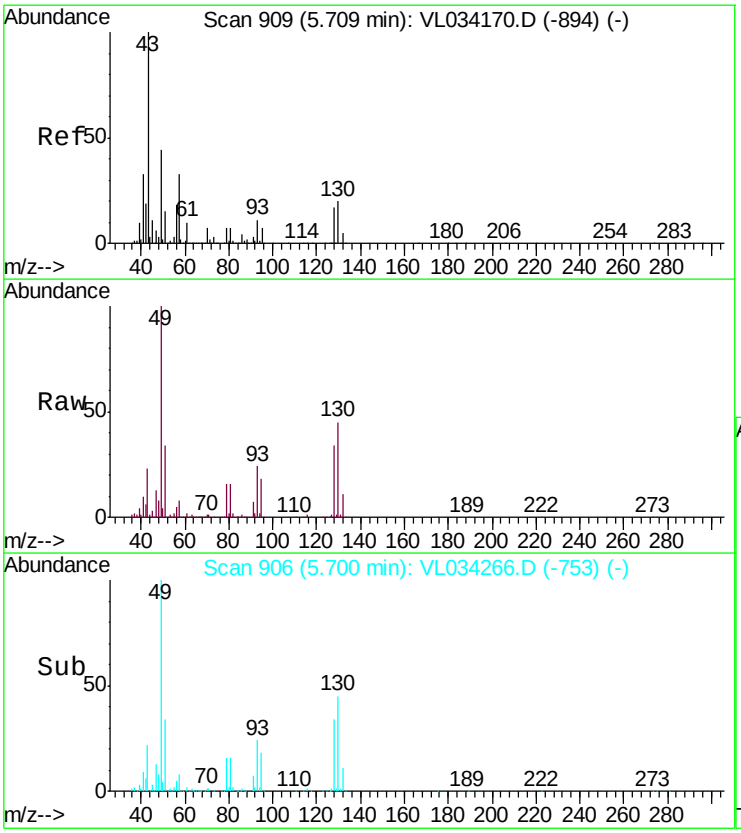
#23
Vinyl Acetate
Concen: 0.250 ppbv
RT: 5.08 min Scan# 713
Delta R.T. -0.02 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Instrument : MSVOA_L
ClientSampleId : IA2

Tgt Ion: 43 Resp: 49146

Ion	Ratio	Lower	Upper
43	100		
86	10.8	5.1	7.7#
42	45.1	8.6	12.8#
44	5.0	4.7	7.1

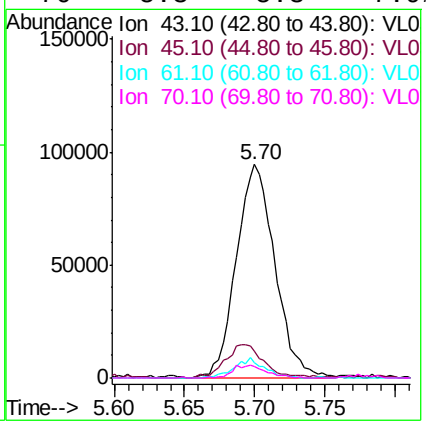


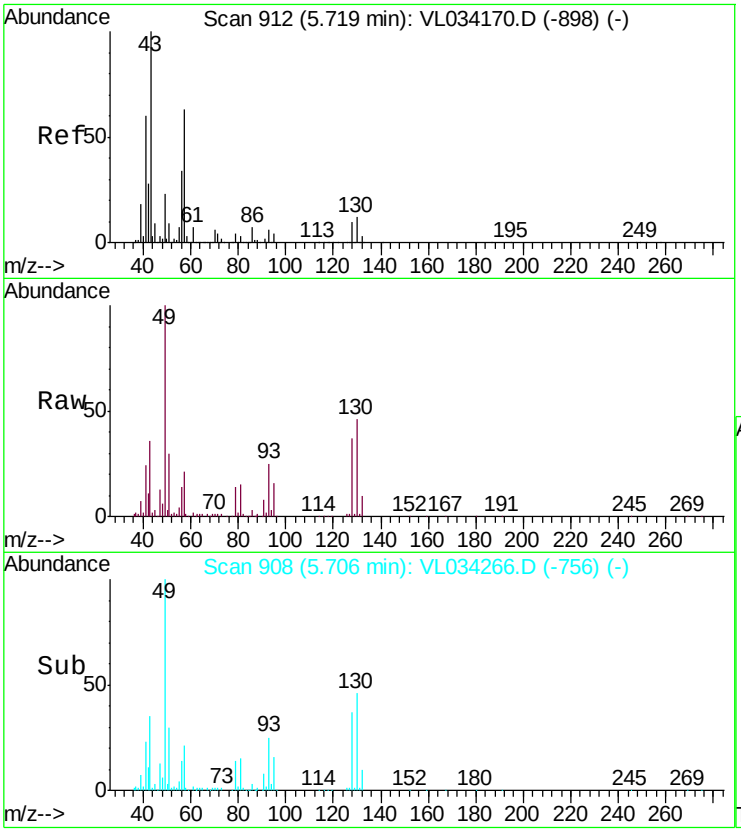


#25
Ethyl Acetate
Concen: 0.719 ppbv
RT: 5.70 min Scan# 906
Delta R.T. -0.01 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Tgt Ion: 43 Resp: 181659

Ion	Ratio	Lower	Upper
43	100		
45	16.1	8.4	12.6#
61	7.5	7.2	10.8
70	5.3	5.3	7.9#



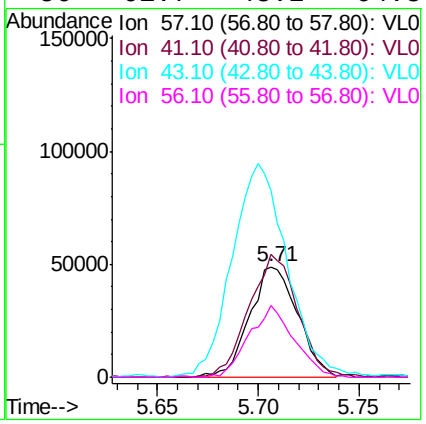


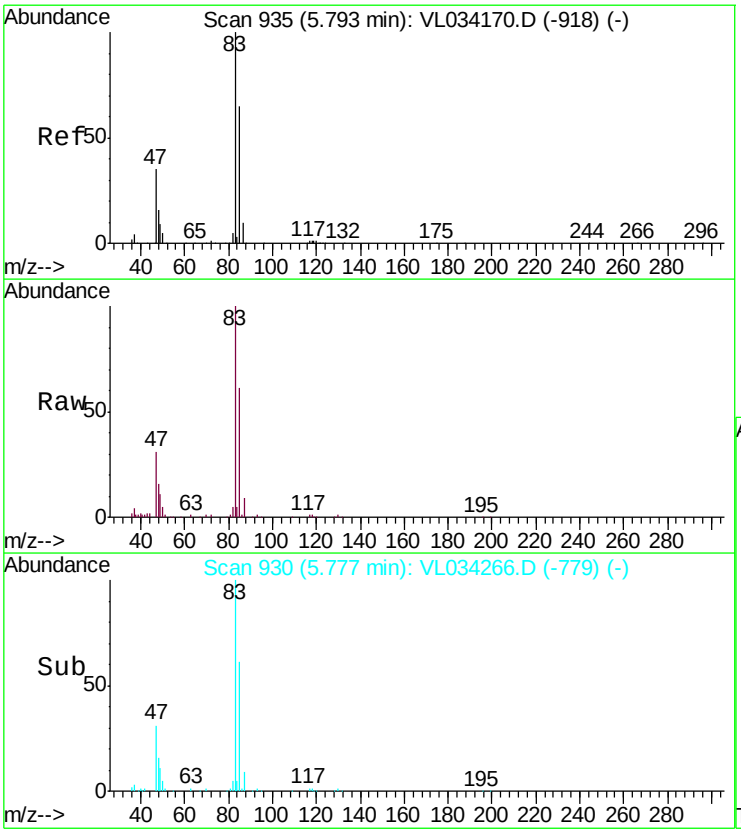
#26
Hexane
Concen: 0.775 ppbv
RT: 5.71 min Scan# 908
Delta R.T. -0.01 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Instrument : MSVOA_L
ClientSampleId : IA2

Tgt Ion: 57 Resp: 81432

Ion	Ratio	Lower	Upper
57	100		
41	113.5	78.5	117.7
43	221.3	189.5	284.3
56	61.7	43.2	64.8

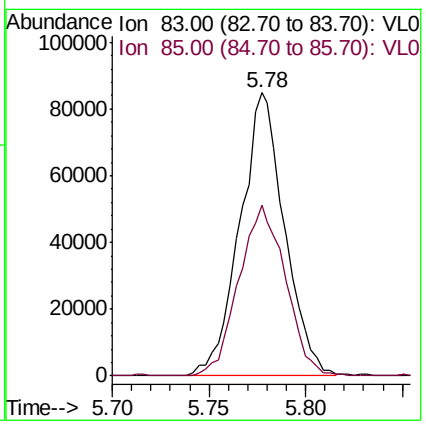


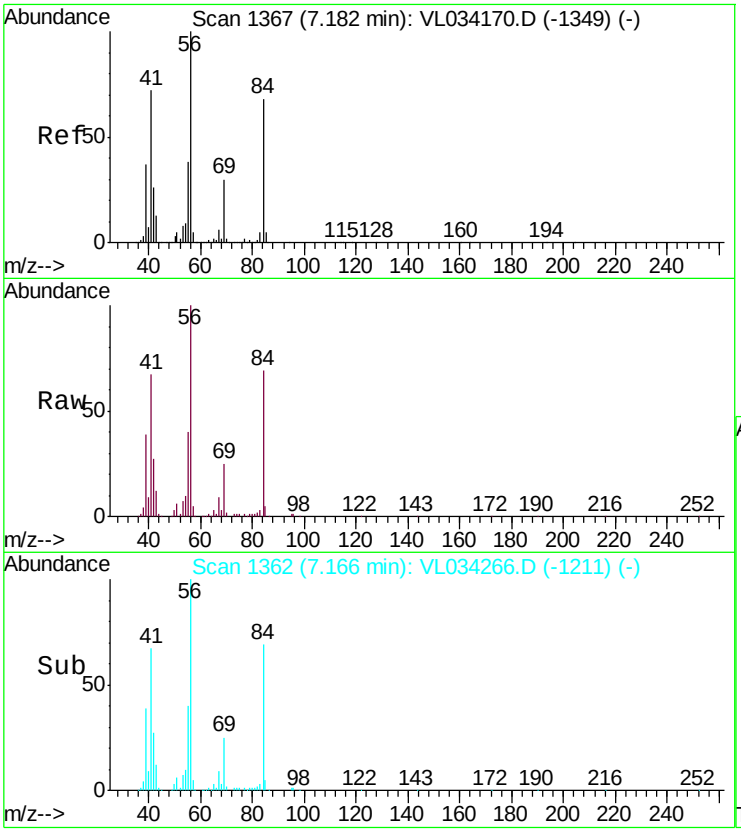


#29
Chloroform
Concen: 0.908 ppbv
RT: 5.78 min Scan# 930
Delta R.T. -0.02 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Tgt Ion: 83 Resp: 136359

Ion	Ratio	Lower	Upper
83	100		
85	60.2	52.3	78.5



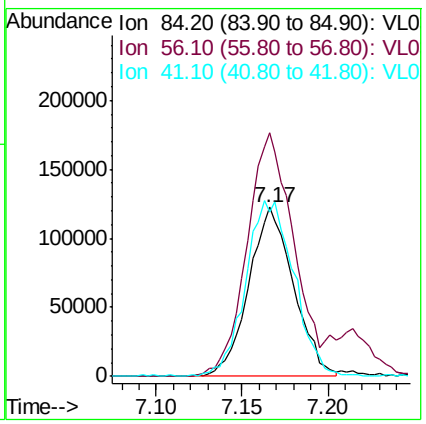


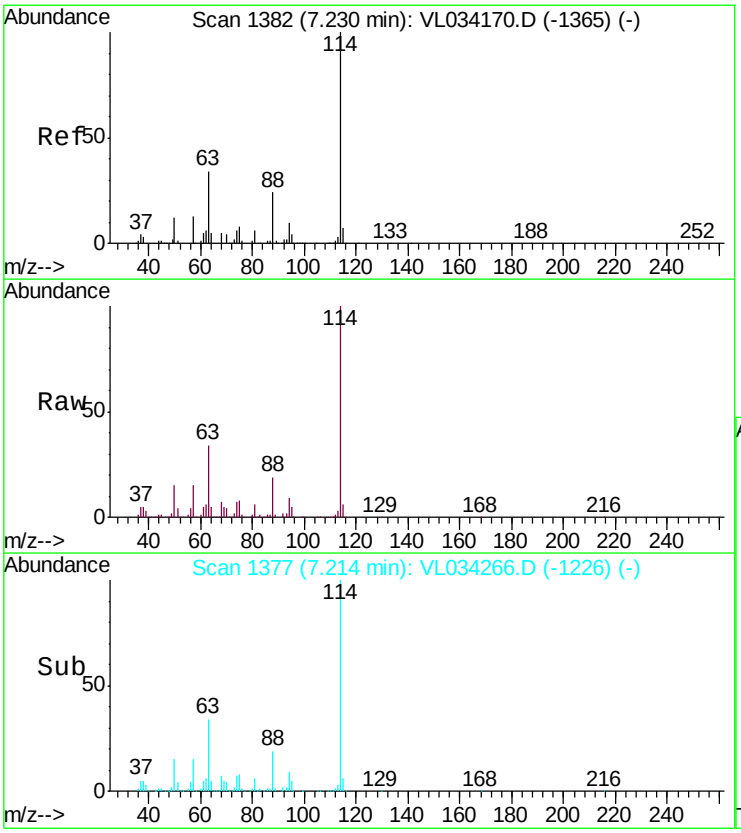
#30
Cyclohexane
Concen: 2.924 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.02 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Instrument :
MSVOA_L
ClientSampleId :
IA2

Tgt Ion: 84 Resp: 221768

Ion	Ratio	Lower	Upper
84	100		
56	175.5	126.2	189.2
41	112.0	85.8	128.8

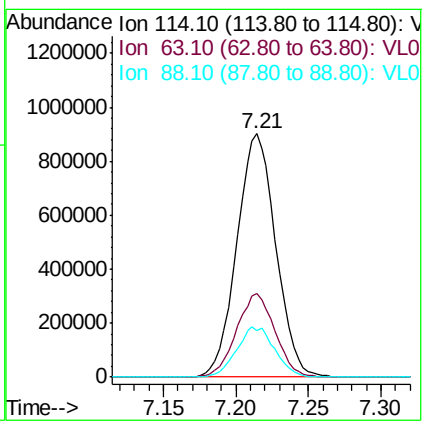


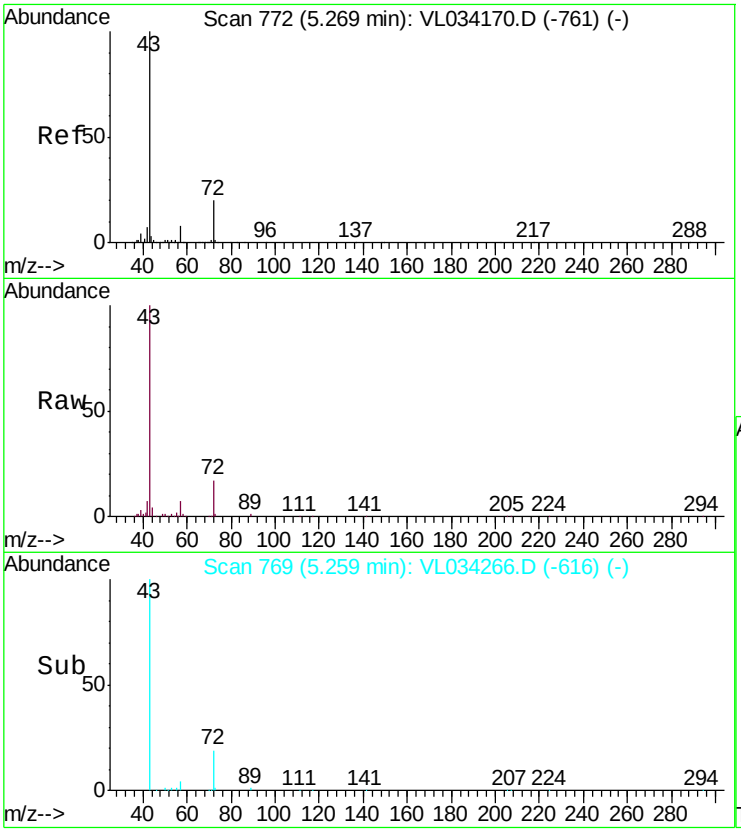


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.21 min Scan# 1377
Delta R.T. -0.02 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Tgt Ion:114 Resp: 1686502

Ion	Ratio	Lower	Upper
114	100		
63	34.2	27.8	41.6
88	20.4	17.1	25.7



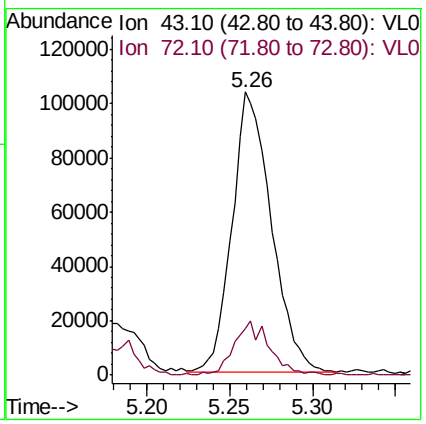


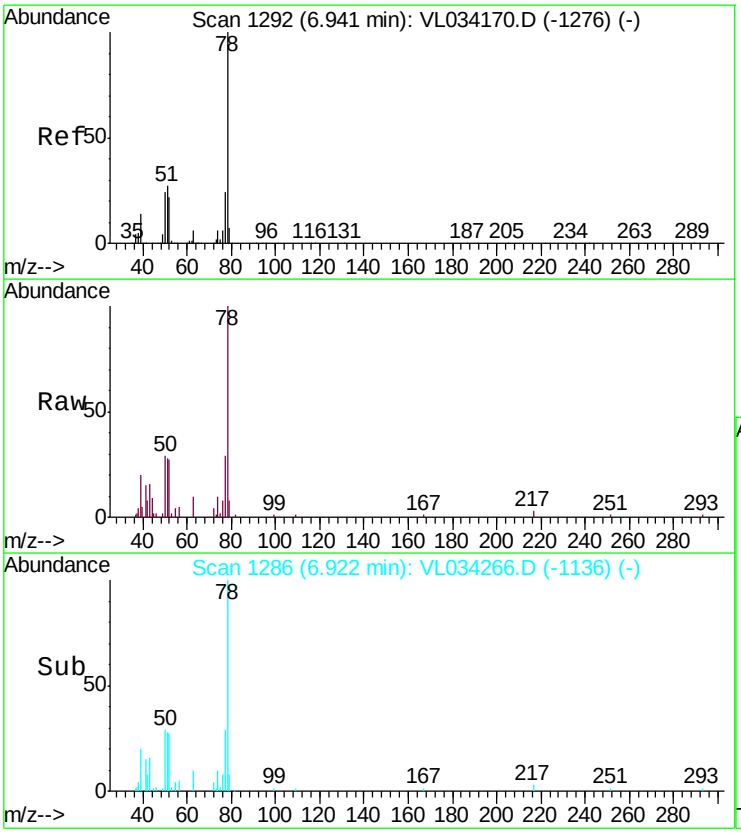
#34
2-Butanone
Concen: 0.983 ppbv
RT: 5.26 min Scan# 769
Delta R.T. -0.01 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Instrument :
MSVOA_L
ClientSampleId :
IA2

Tgt Ion: 43 Resp: 169353

Ion	Ratio	Lower	Upper
43	100		
72	17.9	15.0	22.6

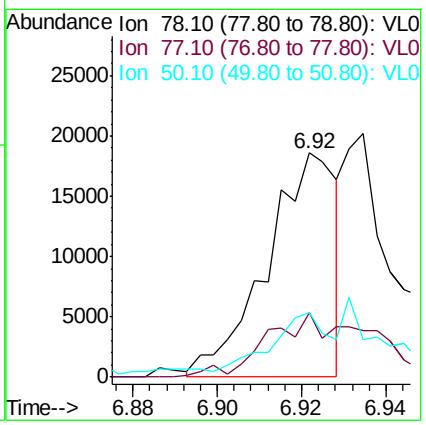


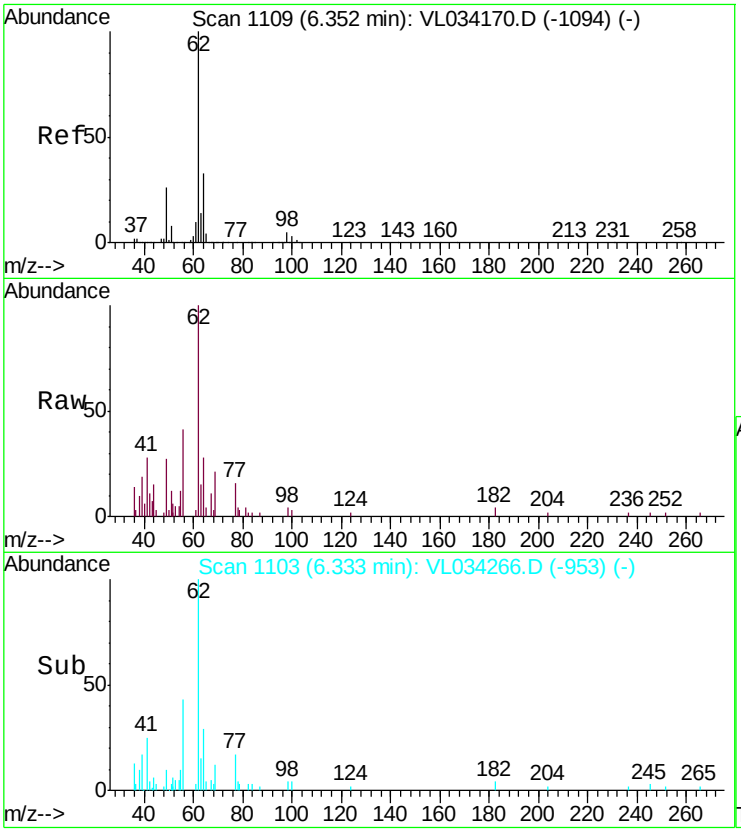


#36
Benzene
Concen: 0.114 ppbv
RT: 6.92 min Scan# 1286
Delta R.T. -0.02 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Tgt Ion: 78 Resp: 21294

Ion	Ratio	Lower	Upper
78	100		
77	28.6	19.0	28.4#
50	25.9	18.9	28.3



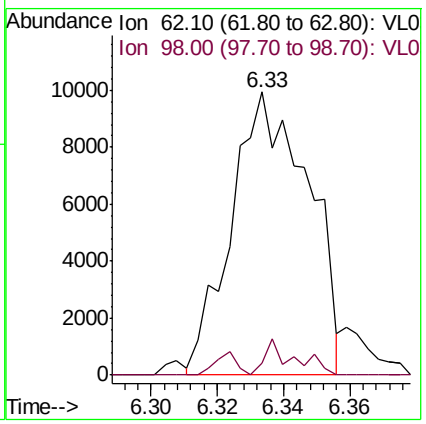


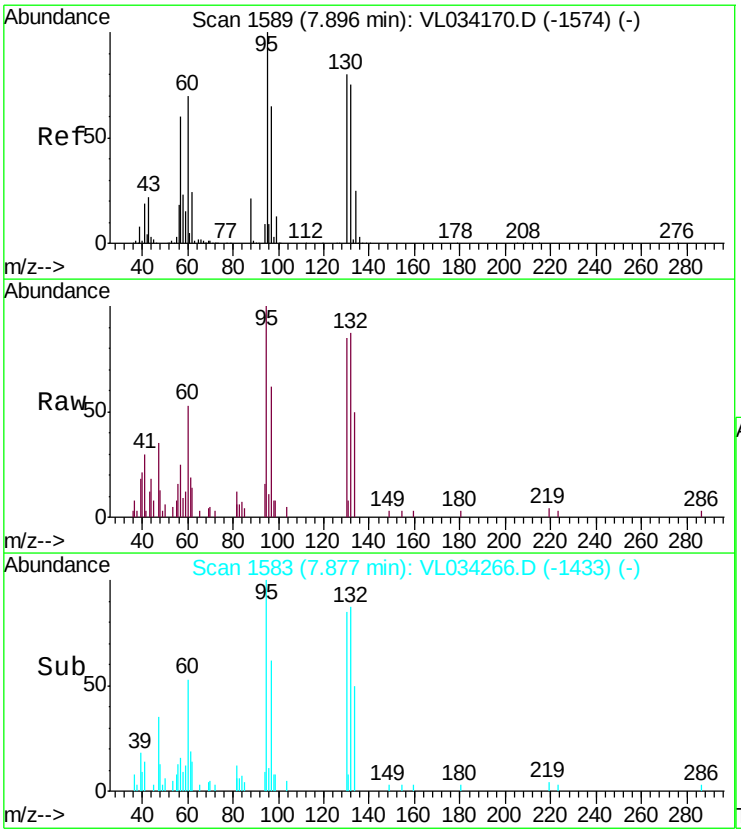
#37
1,2-Dichloroethane
Concen: 0.122 ppbv
RT: 6.33 min Scan# 1103
Delta R.T. -0.02 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Instrument : MSVOA_L
ClientSampleId : IA2

Tgt Ion: 62 Resp: 16101

Ion	Ratio	Lower	Upper
62	100		
98	7.0	3.8	5.8#

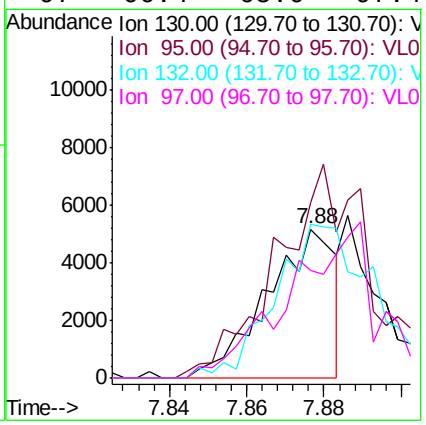


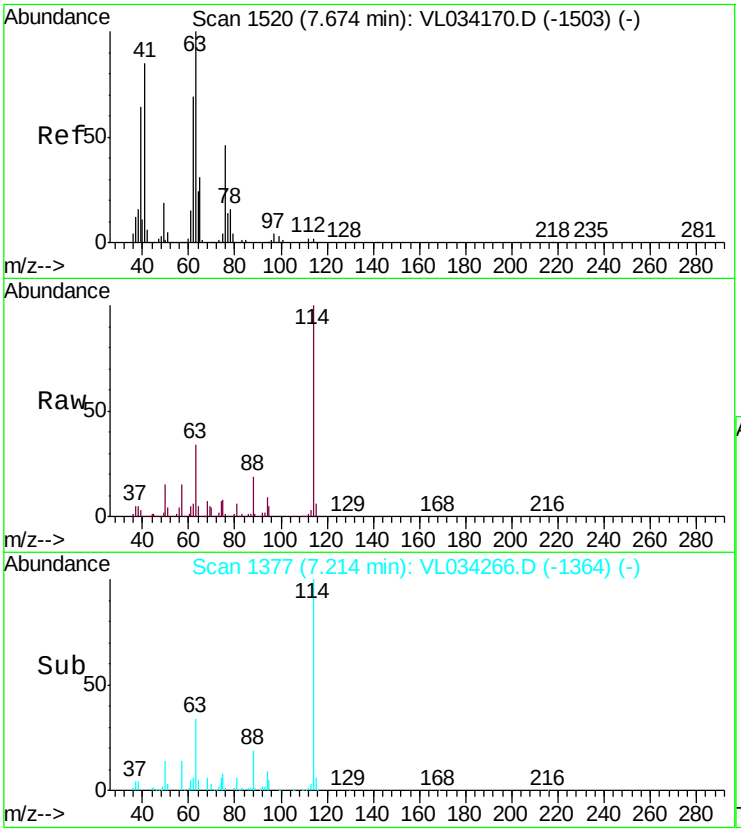


#38
Trichloroethene
Concen: 0.095 ppbv
RT: 7.88 min Scan# 1583
Delta R.T. -0.02 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Tgt Ion:130 Resp: 6305

Ion	Ratio	Lower	Upper
130	100		
95	103.8	99.8	149.6
132	94.2	75.2	112.8
97	66.4	65.0	97.4



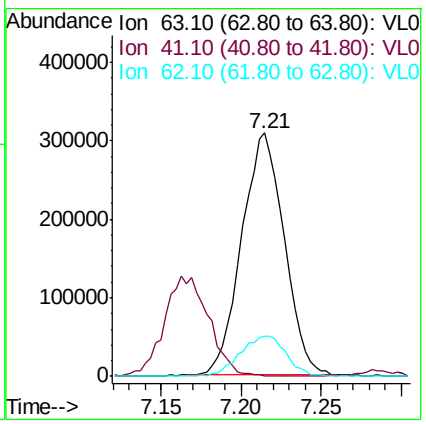


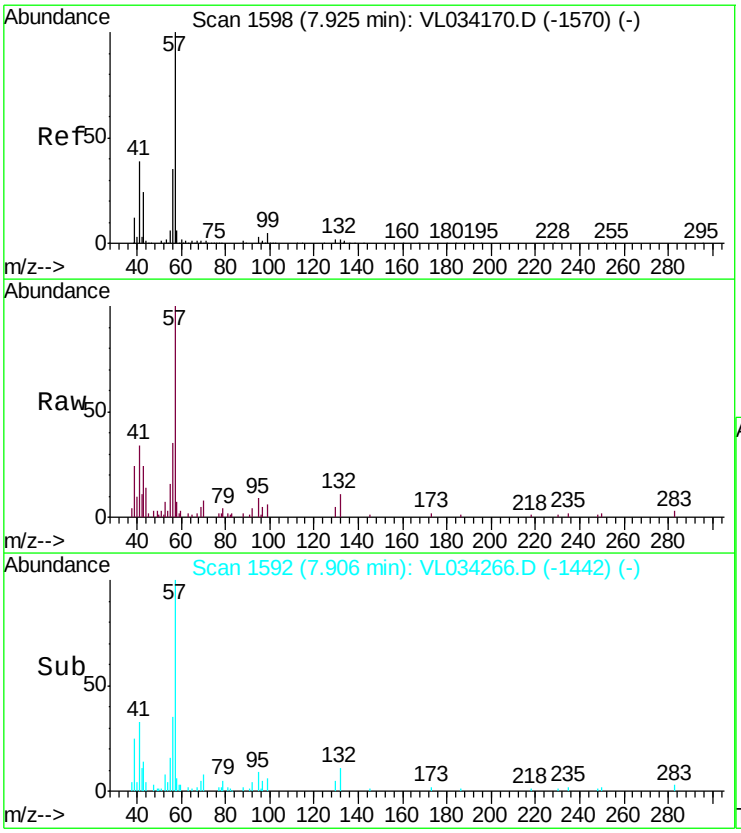
#39
1,2-Dichloropropane
Concen: 6.722 ppbv
RT: 7.21 min Scan# 1377
Delta R.T. -0.46 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Instrument :
MSVOA_L
ClientSampleId :
IA2

Tgt Ion: 63 Resp: 562576

Ion	Ratio	Lower	Upper
63	100		
41	0.0	68.4	102.6#
62	16.6	55.4	83.2#

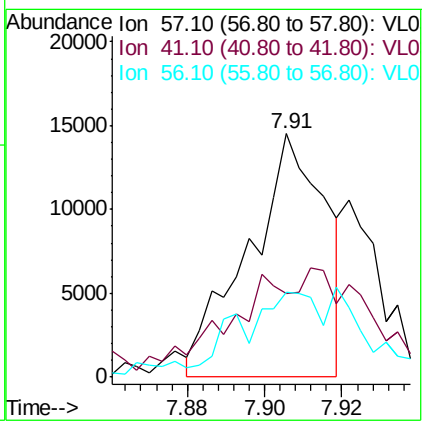


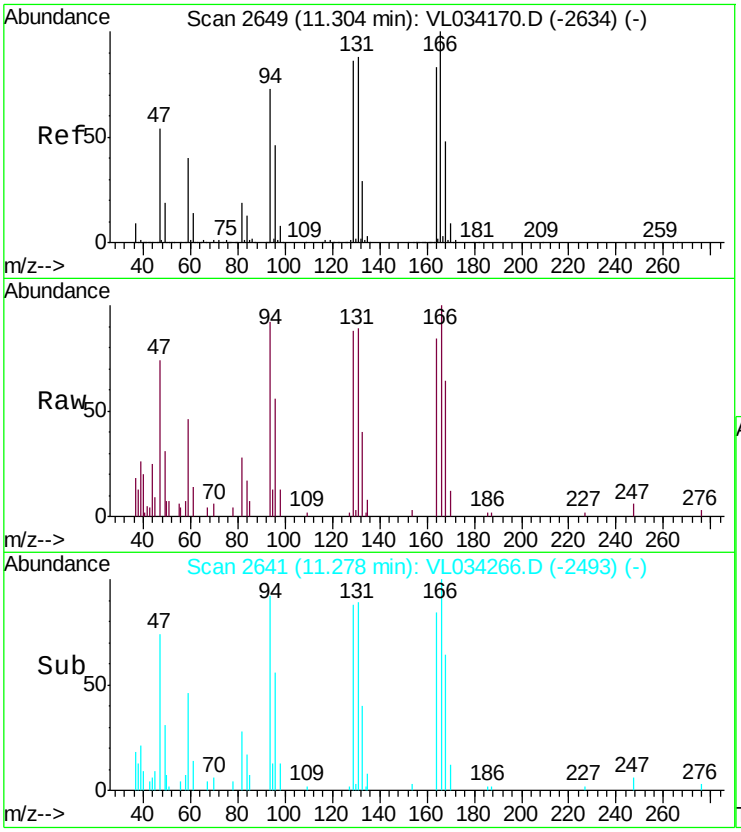


#44
2,2,4-Trimethylpentane
Concen: 0.056 ppbv
RT: 7.91 min Scan# 1592
Delta R.T. -0.02 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Tgt Ion: 57 Resp: 20032

Ion	Ratio	Lower	Upper
57	100		
41	0.0	29.8	44.6#
56	0.0	25.9	38.9#



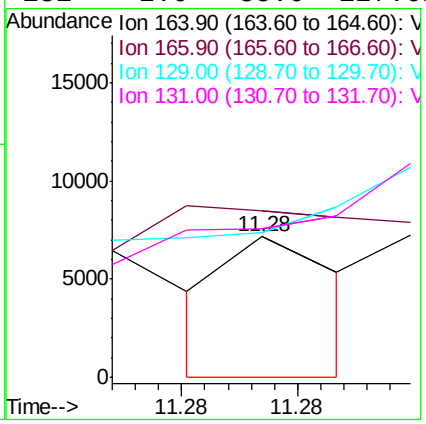


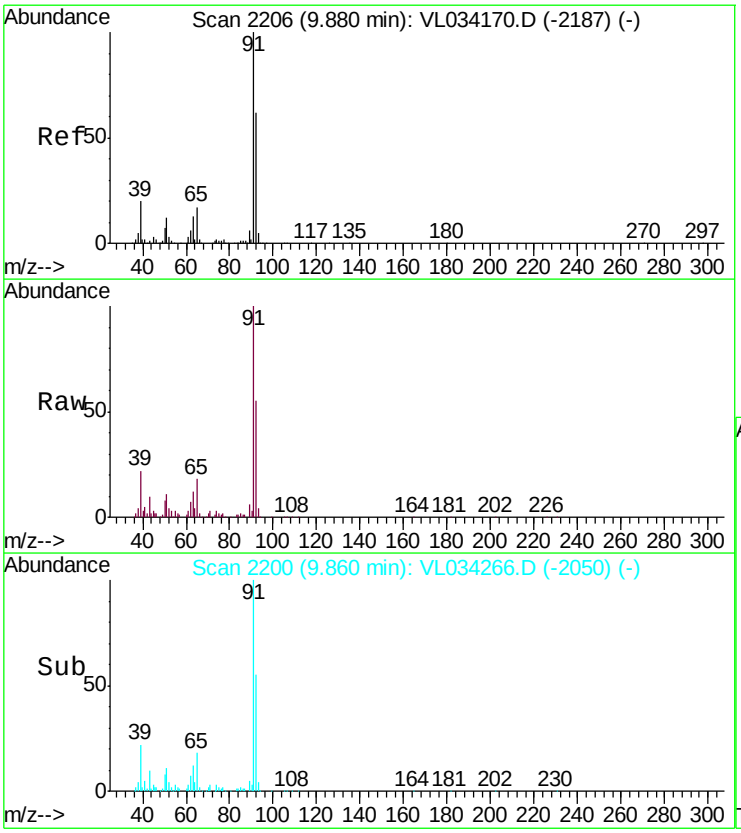
#52
Tetrachloroethene
Concen: 0.039 ppbv
RT: 11.28 min Scan# 2641
Delta R.T. -0.03 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Instrument : MSVOA_L
ClientSampleId : IA2

Tgt Ion:164 Resp: 2407

Ion	Ratio	Lower	Upper
164	100		
166	11.7	96.7	145.1#
129	3.4	82.8	124.2#
131	2.0	85.0	127.6#

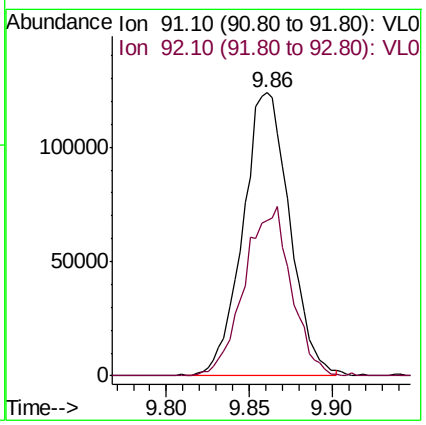


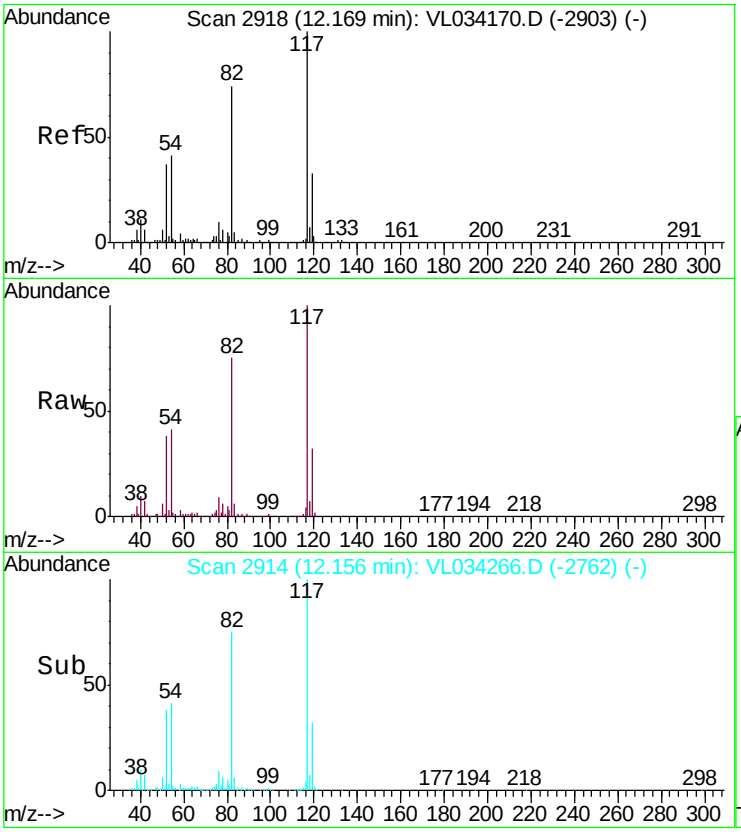


#53
Toluene
Concen: 1.192 ppbv
RT: 9.86 min Scan# 2200
Delta R.T. -0.02 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Tgt Ion: 91 Resp: 242592

Ion	Ratio	Lower	Upper
91	100		
92	60.0	49.0	73.6



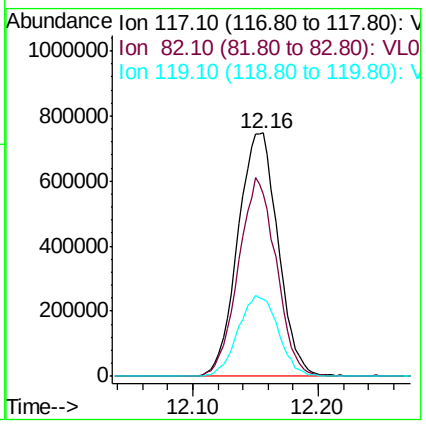


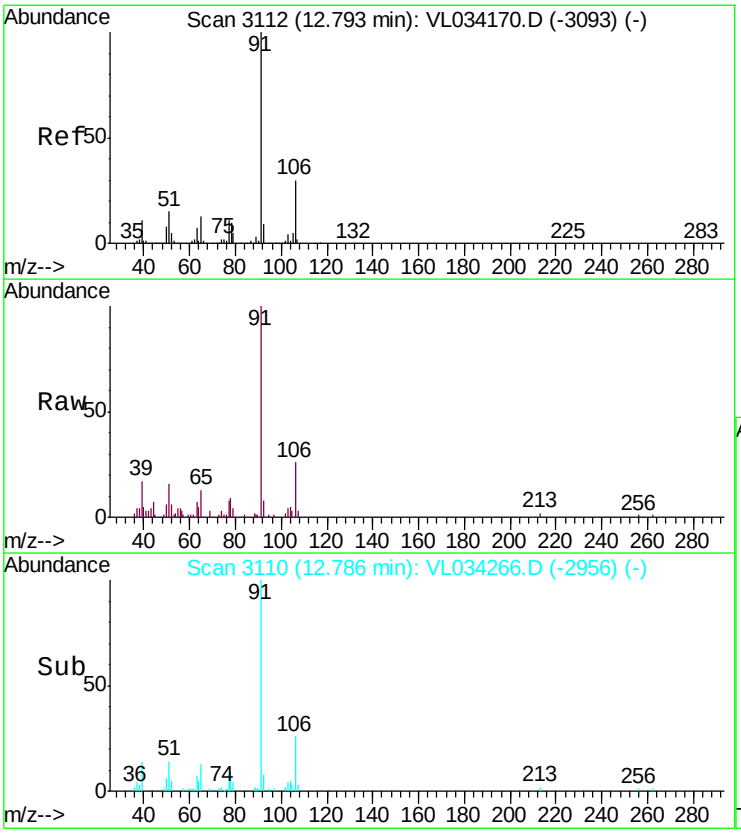
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.16 min Scan# 2914
Delta R.T. -0.01 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Instrument : MSVOA_L
ClientSampleId : IA2

Tgt Ion:117 Resp: 1662397

Ion	Ratio	Lower	Upper
117	100		
82	77.0	58.2	87.4
119	33.2	23.7	35.5

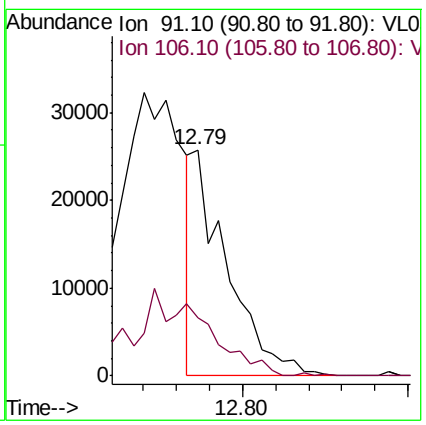


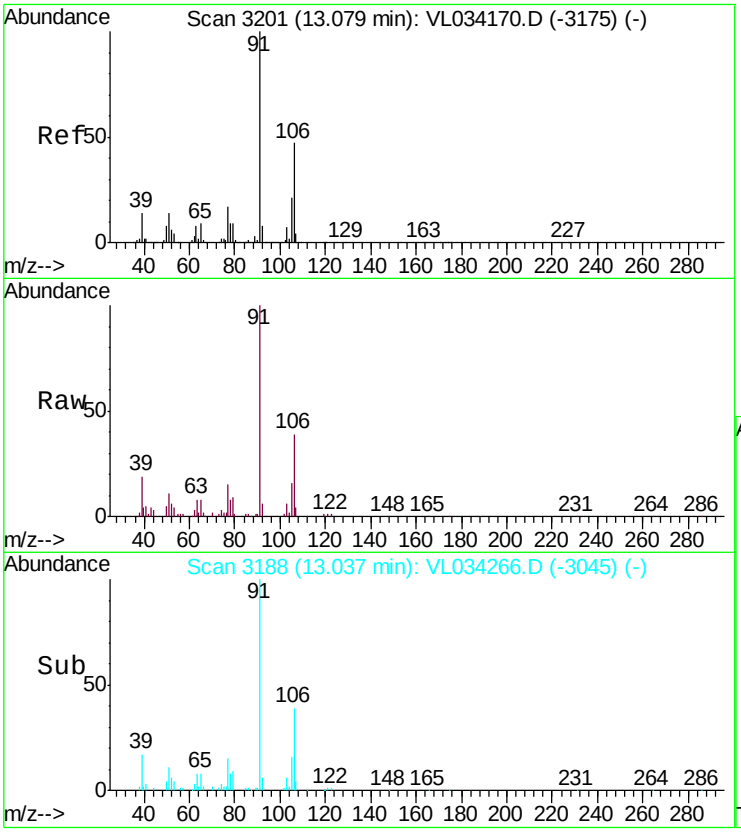


#58
Ethyl Benzene
Concen: 0.068 ppbv
RT: 12.79 min Scan# 3110
Delta R.T. -0.01 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Tgt Ion: 91 Resp: 18310

Ion	Ratio	Lower	Upper
91	100		
106	25.9	24.2	36.4



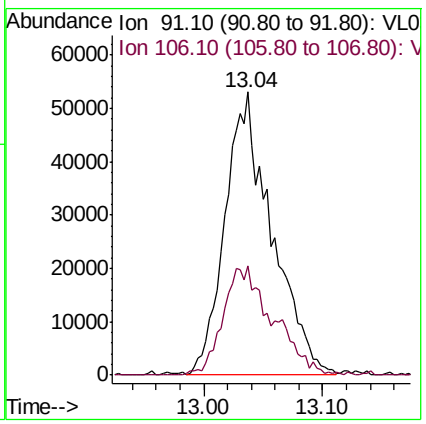


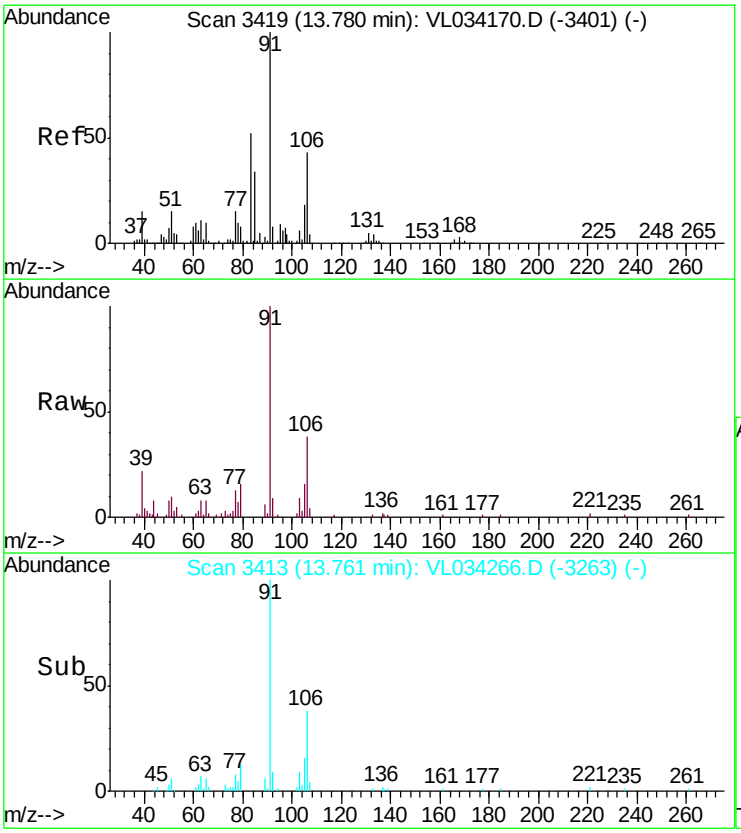
#59
m/p-Xylene
Concen: 0.650 ppbv
RT: 13.04 min Scan# 3188
Delta R.T. -0.04 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Instrument : MSVOA_L
ClientSampleId : IA2

Tgt Ion: 91 Resp: 144327

Ion	Ratio	Lower	Upper
91	100		
106	41.3	35.5	53.3

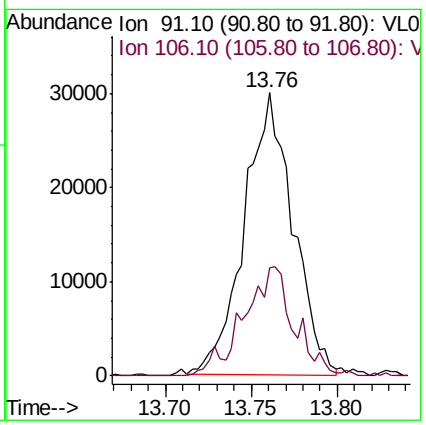


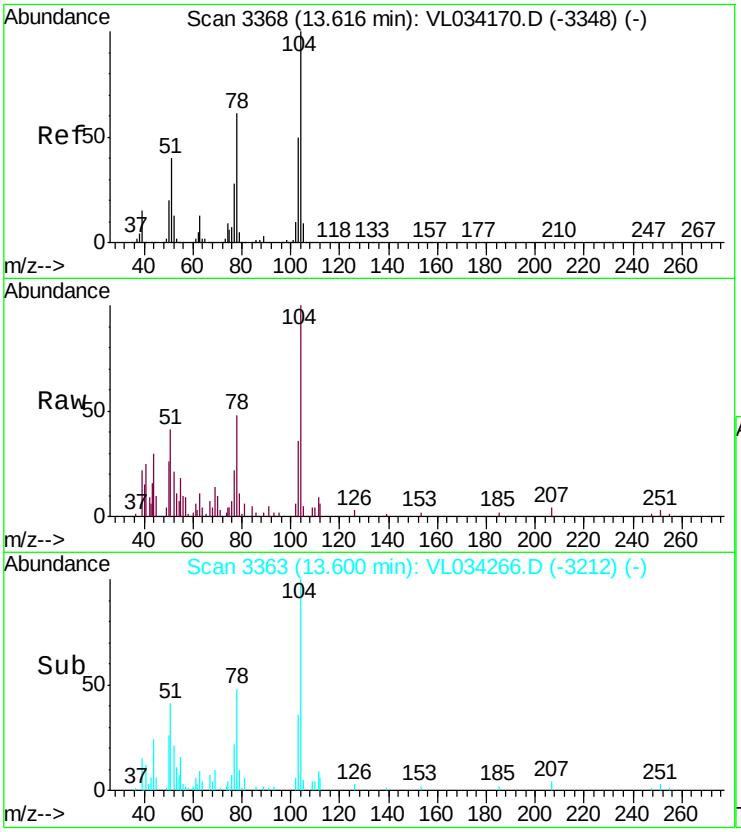


#60
o-Xylene
Concen: 0.266 ppbv
RT: 13.76 min Scan# 3413
Delta R.T. -0.02 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Tgt Ion: 91 Resp: 59198

Ion	Ratio	Lower	Upper
91	100		
106	40.4	21.2	63.6



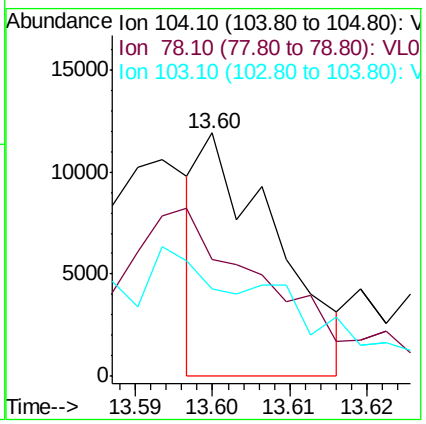


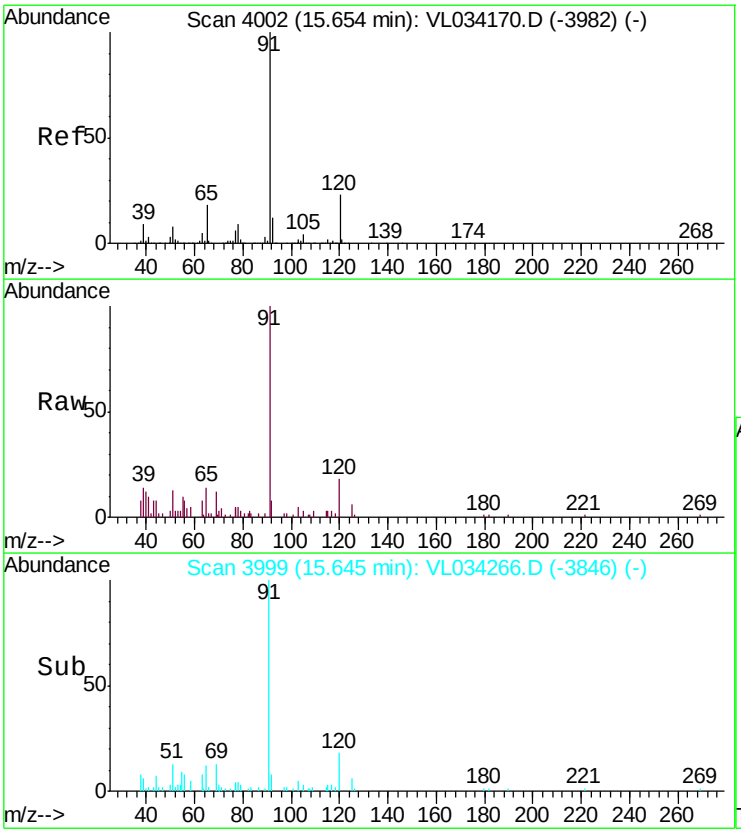
#61
Styrene
Concen: 0.051 ppbv
RT: 13.60 min Scan# 3363
Delta R.T. -0.02 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Instrument : MSVOA_L
ClientSampleId : IA2

Tgt Ion:104 Resp: 8059

Ion	Ratio	Lower	Upper
104	100		
78	183.8	49.7	74.5#
103	0.0	38.4	57.6#

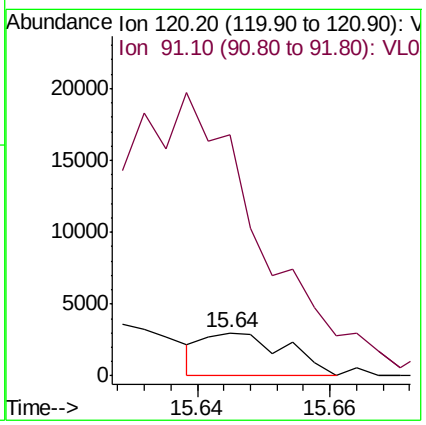


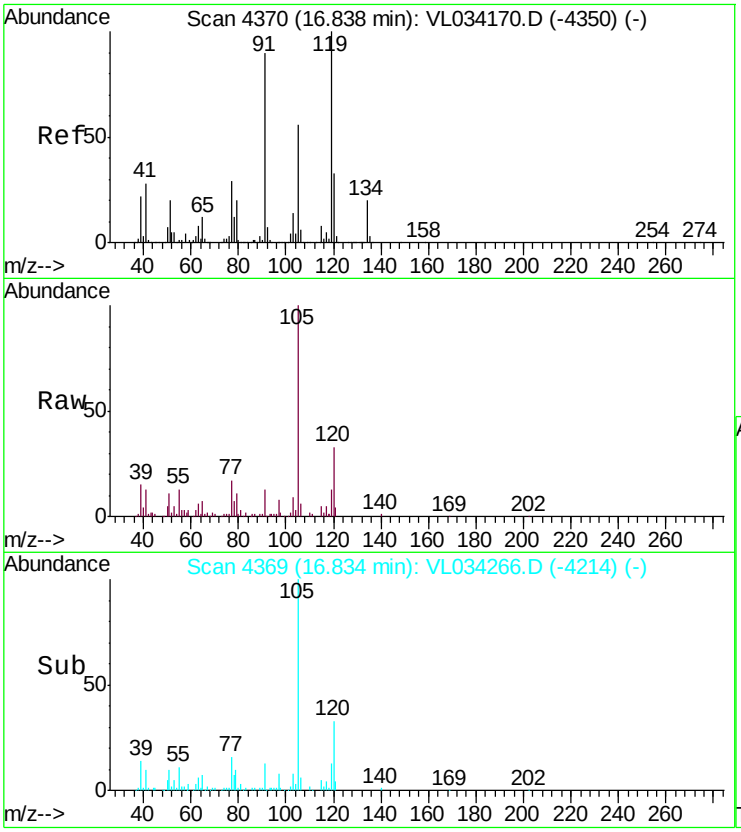


#64
n-propylbenzene
Concen: 0.035 ppbv
RT: 15.64 min Scan# 3999
Delta R.T. -0.01 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Tgt Ion:120 Resp: 2580

Ion	Ratio	Lower	Upper
120	100		
91	1587.5	378.2	567.2#



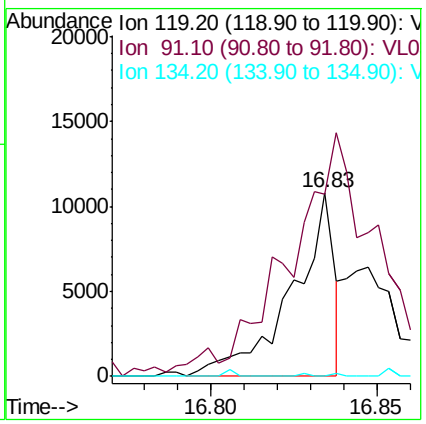


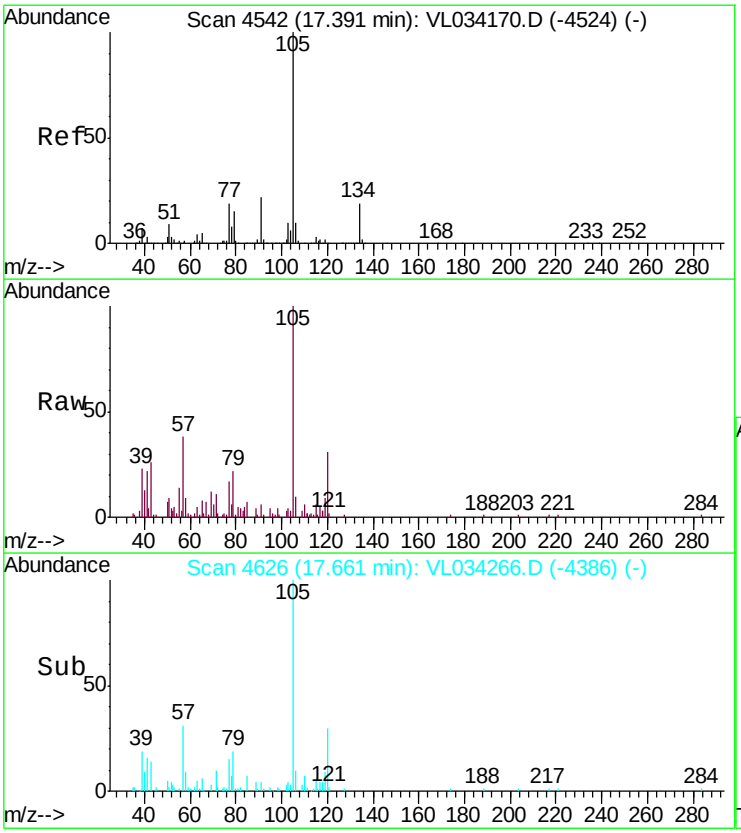
#65
tert-Butylbenzene
Concen: 0.038 ppbv
RT: 16.83 min Scan# 4369
Delta R.T. -0.00 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Instrument : MSVOA_L
ClientSampleId : IA2

Tgt Ion:119 Resp: 9506

Ion	Ratio	Lower	Upper
119	100		
91	286.4	74.9	112.3#
134	0.0	15.8	23.6#

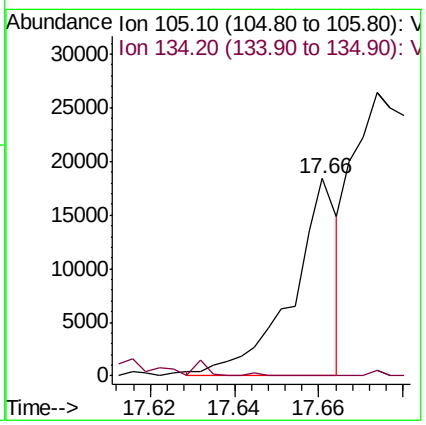


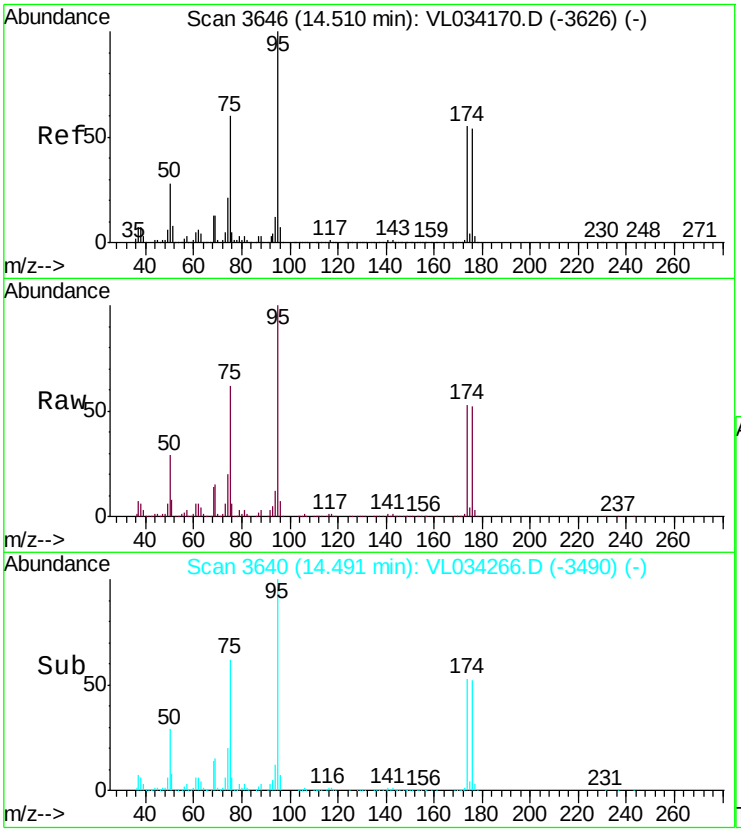


#67
sec-Butylbenzene
Concen: 0.038 ppbv
RT: 17.66 min Scan# 4626
Delta R.T. 0.27 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Tgt Ion:105 Resp: 13737

Ion	Ratio	Lower	Upper
105	100		
134	17.7	14.6	22.0



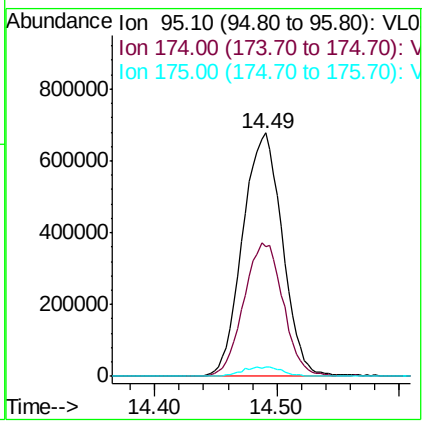


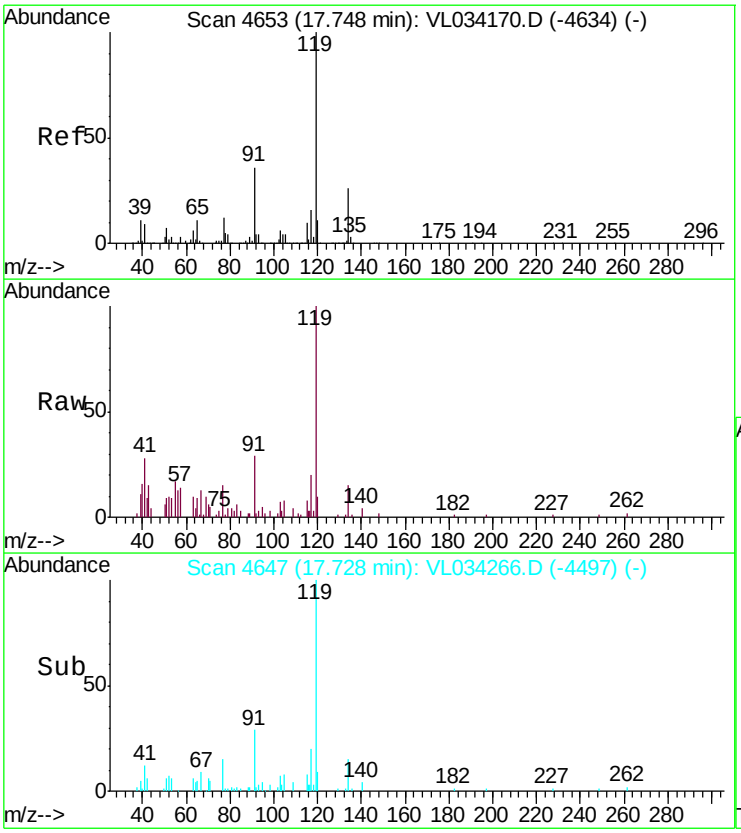
#68
1-Bromo-4-Fluorobenzene
Concen: 10.567 ppbv
RT: 14.49 min Scan# 3640
Delta R.T. -0.02 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Instrument :
MSVOA_L
ClientSampleId :
IA2

Tgt Ion: 95 Resp: 1526356

Ion	Ratio	Lower	Upper
95	100		
174	54.4	45.1	67.7
175	3.9	3.3	4.9

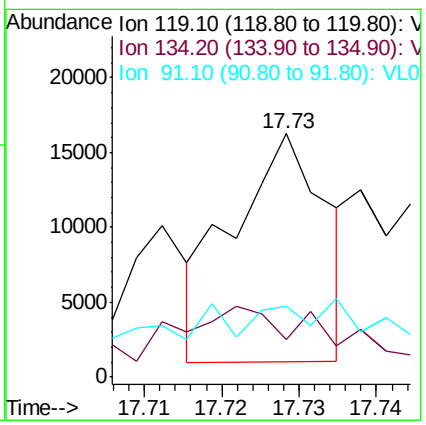


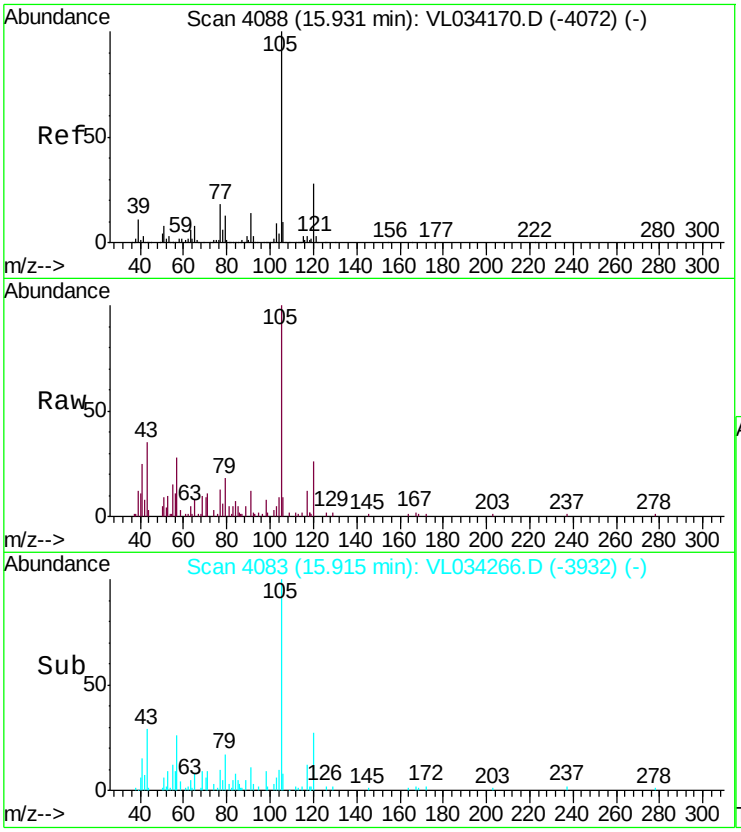


#69
p-Isopropyltoluene
Concen: 0.044 ppbv
RT: 17.73 min Scan# 4647
Delta R.T. -0.02 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Tgt Ion:119 Resp: 12797

Ion	Ratio	Lower	Upper
119	100		
134	69.5	20.6	30.8#
91	0.0	27.6	41.4#



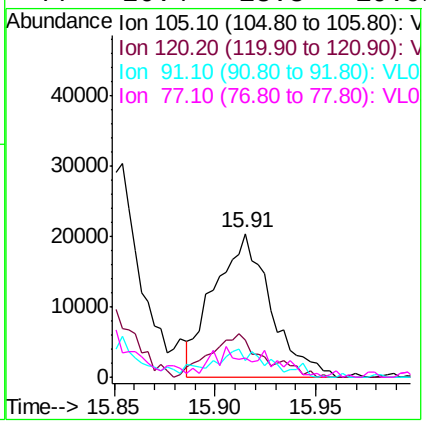


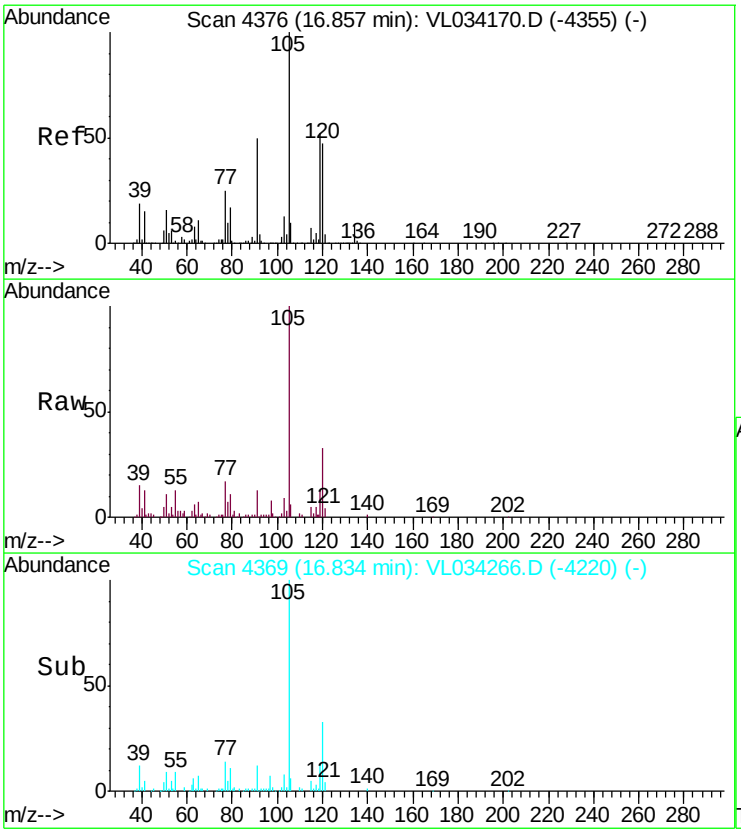
#72
4-Ethyltoluene
Concen: 0.158 ppbv
RT: 15.91 min Scan# 4083
Delta R.T. -0.02 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Instrument :
MSVOA_L
ClientSampleId :
IA2

Tgt Ion:105 Resp: 39709

Ion	Ratio	Lower	Upper
105	100		
120	29.0	23.3	34.9
91	21.1	11.4	17.2#
77	20.4	13.3	19.9#

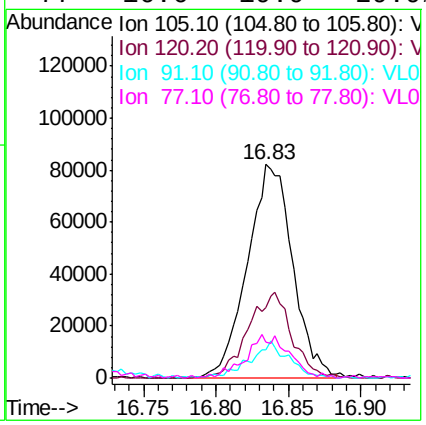


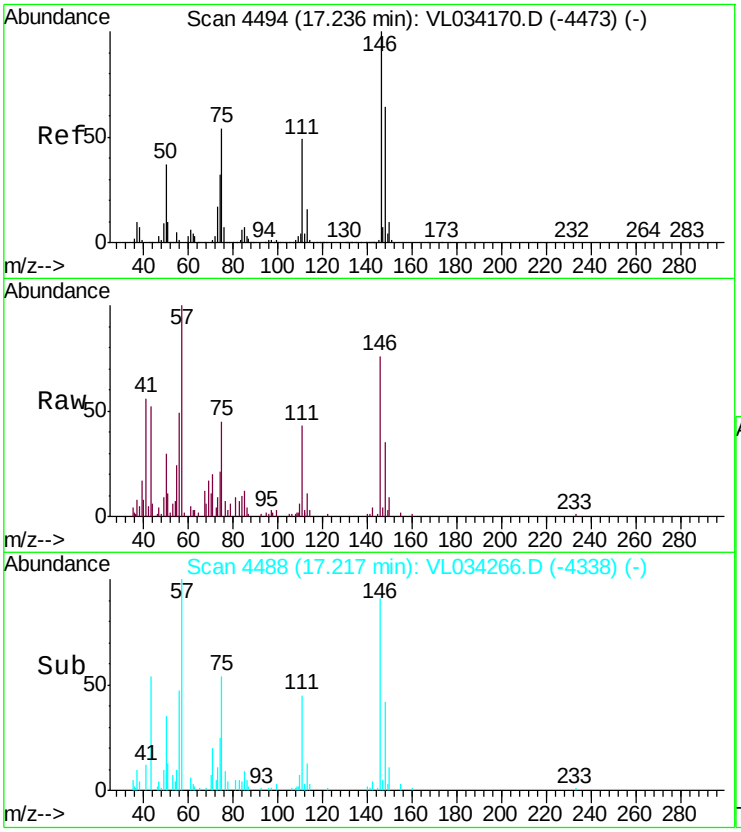


#74
1,2,4-Trimethylbenzene
Concen: 0.693 ppbv
RT: 16.83 min Scan# 4369
Delta R.T. -0.02 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Tgt Ion:105 Resp: 178314

Ion	Ratio	Lower	Upper
105	100		
120	33.0	37.5	56.3#
91	13.5	41.1	61.7#
77	16.6	19.9	29.9#



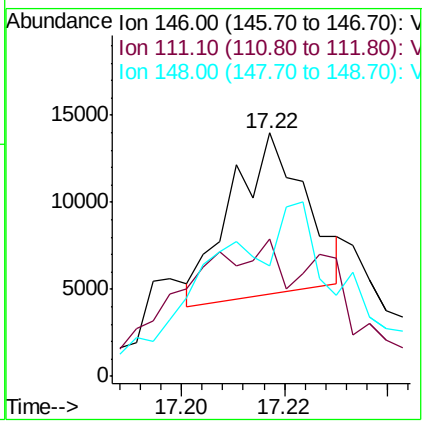


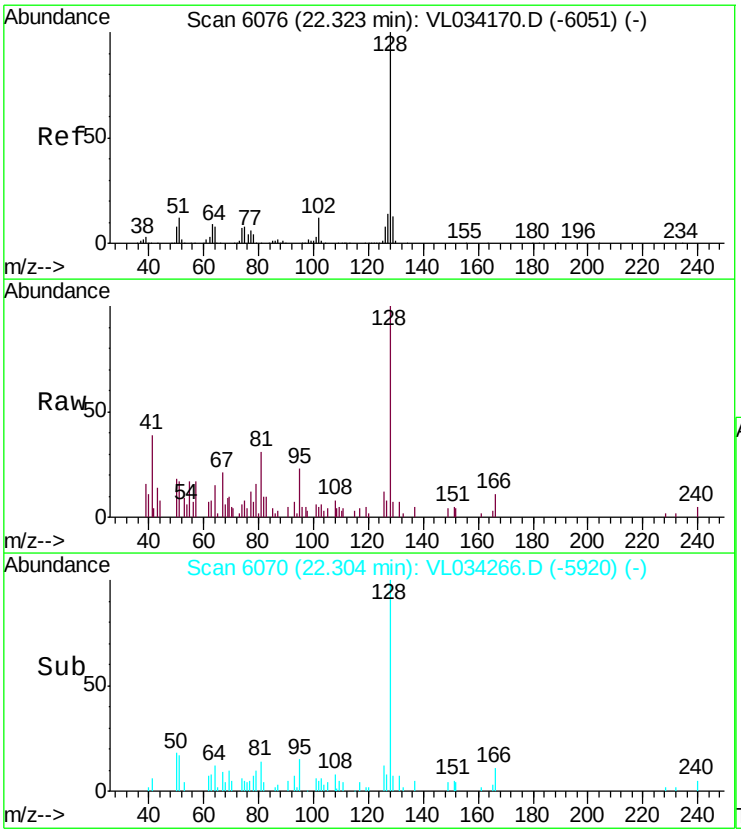
#76
1,4-Dichlorobenzene
Concen: 0.065 ppbv
RT: 17.22 min Scan# 4488
Delta R.T. -0.02 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Instrument :
MSVOA_L
ClientSampleId :
IA2

Tgt Ion:146 Resp: 9244

Ion	Ratio	Lower	Upper
146	100		
111	197.3	24.6	74.0#
148	213.6	32.4	97.0#

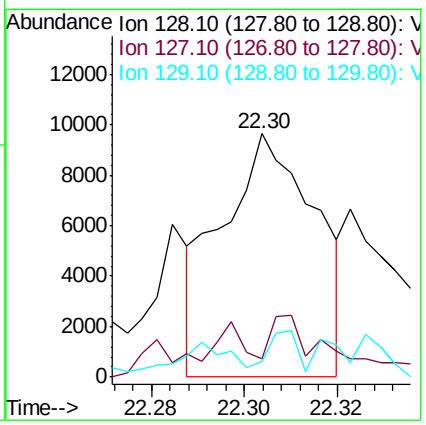


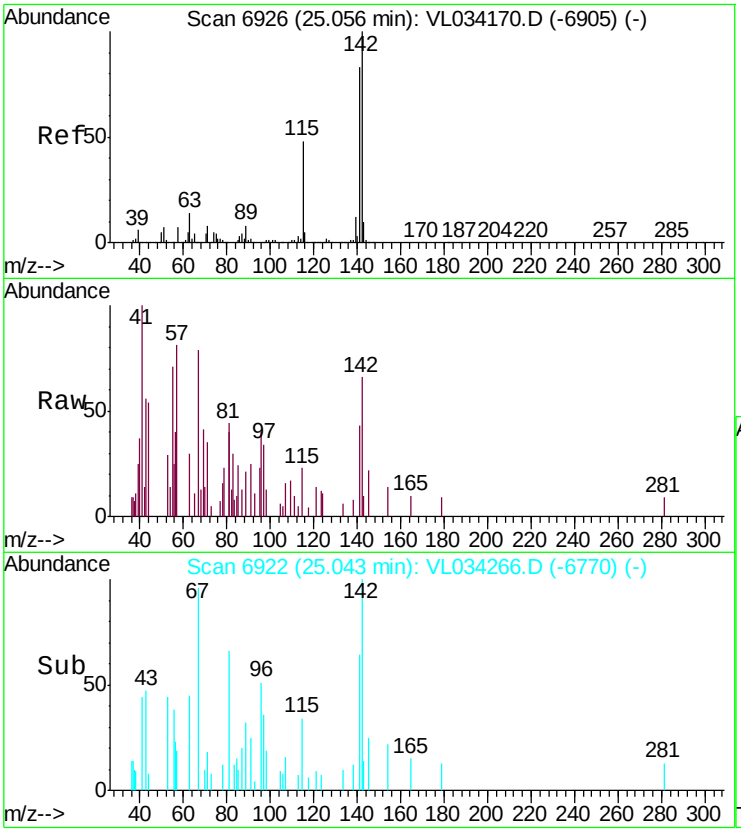


#79
Naphthalene
Concen: 0.060 ppbv
RT: 22.30 min Scan# 6070
Delta R.T. -0.02 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Tgt Ion:128 Resp: 13577

Ion	Ratio	Lower	Upper
128	100		
127	0.0	11.1	16.7#
129	0.0	10.2	15.4#





#80
Naphthalene,2-methyl-
Concen: 0.035 ppbv
RT: 25.04 min Scan# 6922
Delta R.T. -0.01 min
Lab File: VL034266.D
Acq: 9 Oct 2019 2:31

Instrument :
MSVOA_L
ClientSampleId :
IA2

Tgt Ion:142 Resp: 3716

Ion	Ratio	Lower	Upper
142	100		
141	87.1	67.6	101.4
115	91.5	36.9	55.3#