Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101719\
Data File : VL034333.D
Acq On : 18 Oct 2019 2:00
Operator : SY/AP
Sample : K5409-04
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV4

Quant Time: Oct 18 04:36:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 17 05:12:37 2019
QLast Update : Thu Oct 17 05:12:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.69	49	845435	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.21	114	1783668	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.16	117	1817570	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.49	95	1501336	9.75	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.03	85	35955	0.247	ppbv		93
3) Chlorodifluoromethane	2.96	51	41926	0.423	ppbv	#	89
4) Chloromethane	3.12	50	32287	0.551	ppbv		99
5) Vinyl Chloride	3.24	62	4467	0.080	ppbv		96
9) Propene	2.99	41	807437	18.381	ppbv		91
10) Heptane	8.17	43	96478	0.856	ppbv	#	27
11) Trichlorofluoromethane	3.94	101	32452	0.235	ppbv		83
13) Ethanol	3.60	45	83272	8.467	ppbv		99
15) Acetone	3.84	43	8063393	66.680	ppbv	#	69
16) 1,3-Butadiene	3.29	39	941029	19.152	ppbv	#	20
17) tert-Butyl alcohol	4.34	59	3618	0.047	ppbv	#	71
19) Isopropyl Alcohol	3.97	45	66672	0.988	ppbv	#	95
20) Methylene Chloride	4.35	84	48565	1.111	ppbv		96
21) Allyl Chloride	4.37	41	16566	0.248	ppbv	#	1
23) Vinyl Acetate	5.07	43	129492	0.857	ppbv	#	1
25) Ethyl Acetate	5.70	43	206384	1.011	ppbv	#	79
26) Hexane	5.71	57	267404	3.073	ppbv	#	39
27) Carbon Disulfide	4.56	76	194300	2.151	ppbv		98
29) Chloroform	5.78	83	41922	0.305	ppbv		97
30) Cyclohexane	7.16	84	144785	2.262	ppbv		94
31) cis-1,2-Dichloroethene	5.58	61	106936	1.211	ppbv		97
34) 2-Butanone	5.26	43	591571	4.058	ppbv		97
36) Benzene	6.93	78	189809	1.109	ppbv		92
38) Trichloroethene	7.88	130	182549	2.658	ppbv		95
39) 1,2-Dichloropropane	7.21	63	488641	6.631	ppbv	#	23
40) 1,4-Dioxane	7.91	88	1168	0.045	ppbv	#	1
42) Bromodichloromethane	7.83	83	6663	0.043	ppbv	#	38
44) 2,2,4-Trimethylpentane	7.91	57	145317	0.459	ppbv	#	42
50) 4-Methyl-2-Pentanone	8.79	43	16783	0.080	ppbv	#	40
51) 2-Hexanone	10.19	43	113406	0.663	ppbv	#	95
52) Tetrachloroethene	11.30	164	5202193	77.550	ppbv		94
53) Toluene	9.86	91	1128584	5.976	ppbv		99
58) Ethyl Benzene	12.78	91	300805	1.184	ppbv		94
59) m/p-Xylene	13.03	91	837335	3.804	ppbv		97
60) o-Xylene	13.76	91	316219	1.443	ppbv		98
61) Styrene	13.60	104	13061	0.085	ppbv	#	33
62) Isopropylbenzene	14.74	105	16725	0.058	ppbv		93
65) tert-Butylbenzene	16.84	119	16866	0.066	ppbv	#	12
70) n-Butylbenzene	18.64	91	21477	0.067	ppbv	#	32
72) 4-Ethyltoluene	15.92	105	35080	0.142	ppbv	#	34
73) 1,3,5-Trimethylbenzene	16.08	105	40886	0.167	ppbv		91

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101719\
Data File : VL034333.D
Acq On : 18 Oct 2019 2:00
Operator : SY/AP
Sample : K5409-04
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV4

Quant Time: Oct 18 04:36:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 17 05:12:37 2019
QLast Update : Thu Oct 17 05:12:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
74) 1,2,4-Trimethylbenzene	16.85	105	219036	0.860	ppbv	#	71
79) Naphthalene	22.31	128	6888	0.037	ppbv	#	94
80) Naphthalene,2-methyl-	25.03	142	1790	0.033	ppbv	#	55

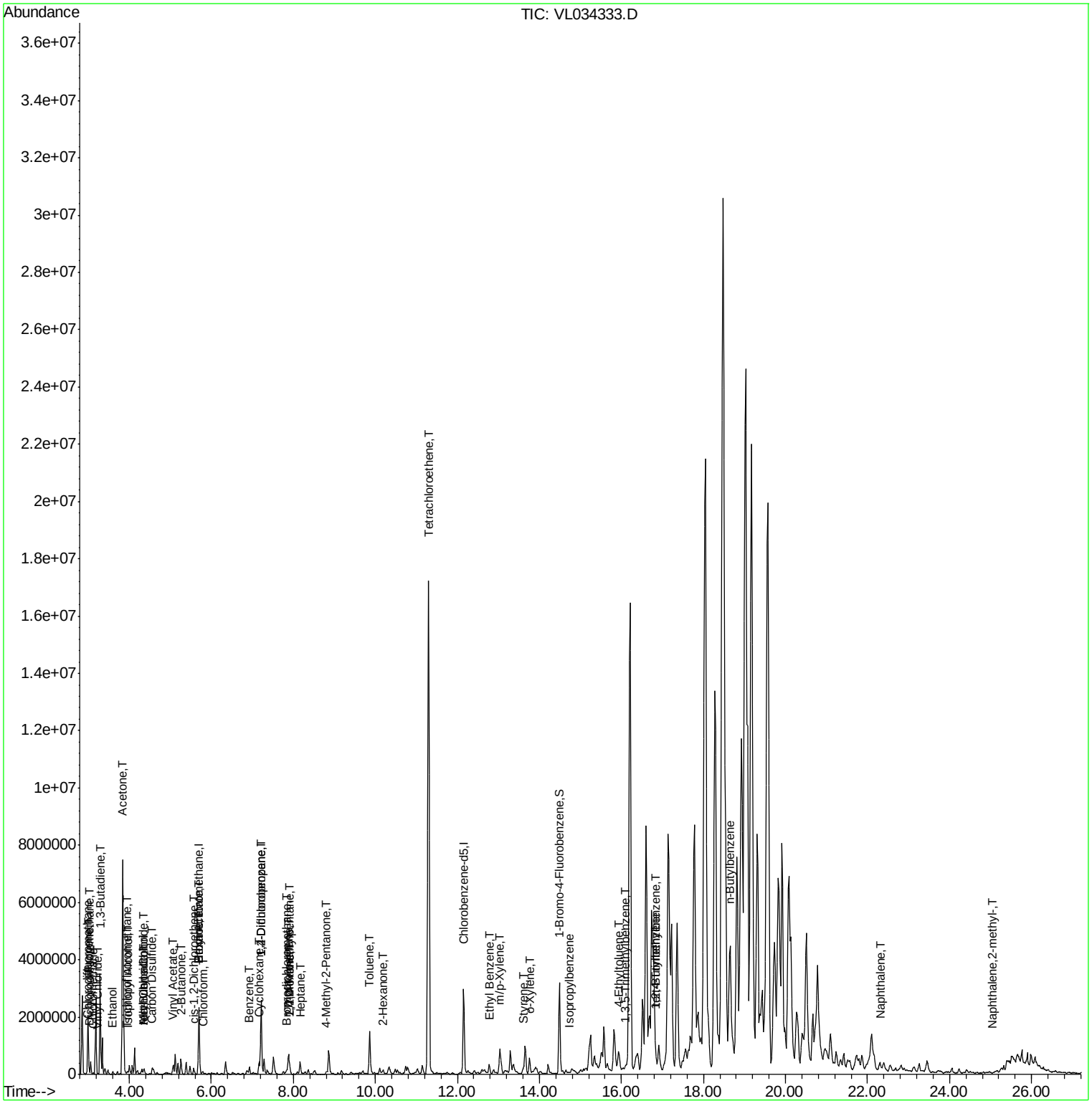
(#) = qualifier out of range (m) = manual integration (+) = signals summed

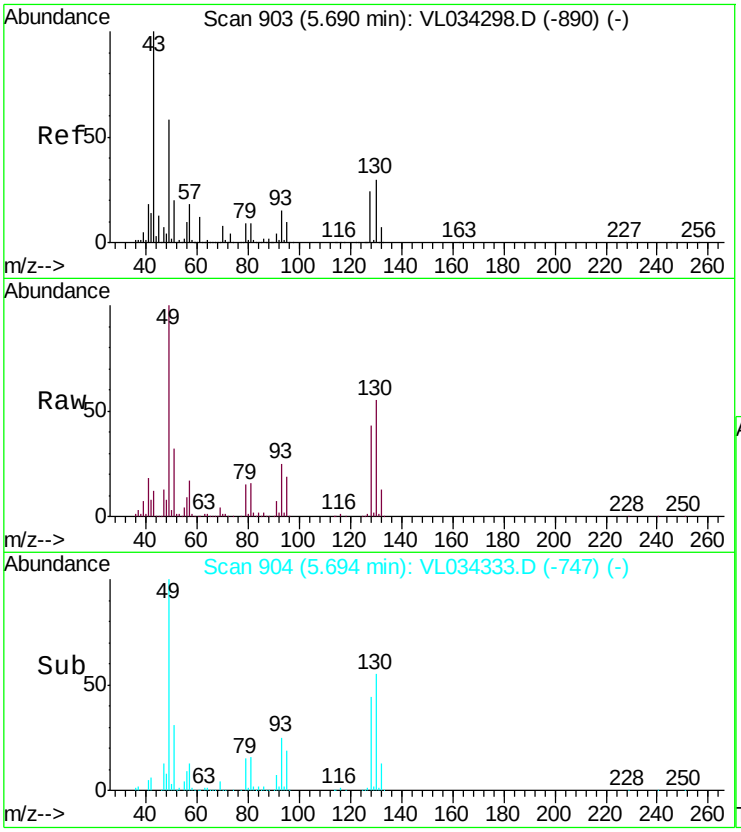
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101719\
Data File : VL034333.D
Acq On : 18 Oct 2019 2:00
Operator : SY/AP
Sample : K5409-04
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV4

Quant Time: Oct 18 04:36:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 17 05:12:37 2019
QLast Update : Thu Oct 17 05:12:37 2019
Response via : Initial Calibration



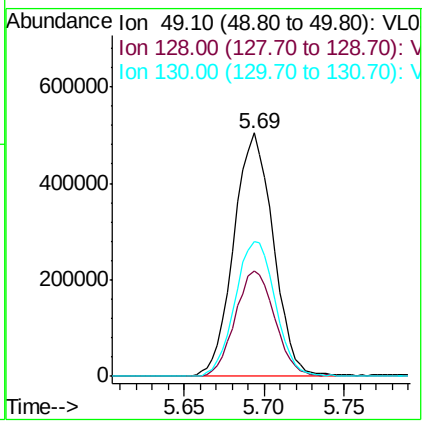


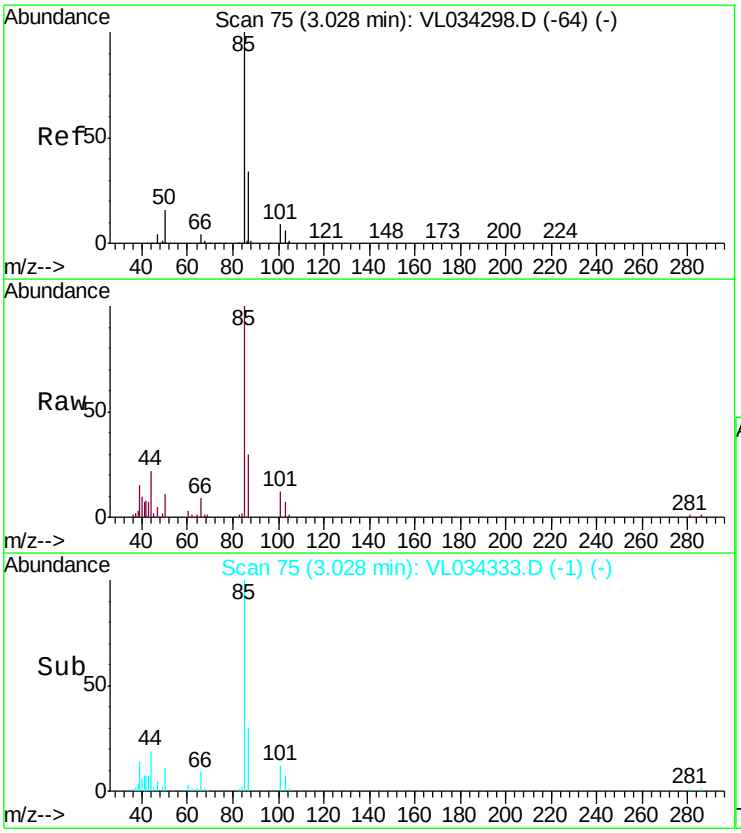
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.00 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Instrument :
MSVOA_L
ClientSampleId :
SV4

Tgt Ion: 49 Resp: 845435

Ion	Ratio	Lower	Upper
49	100		
128	44.0	20.6	61.8
130	56.6	26.2	78.5

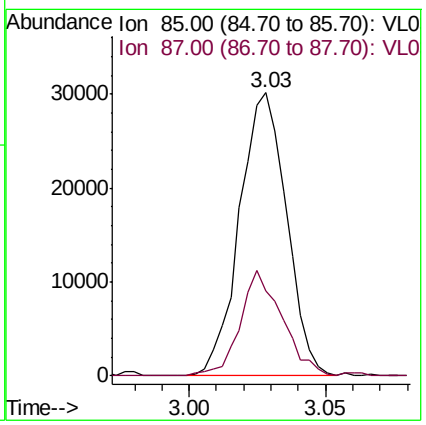


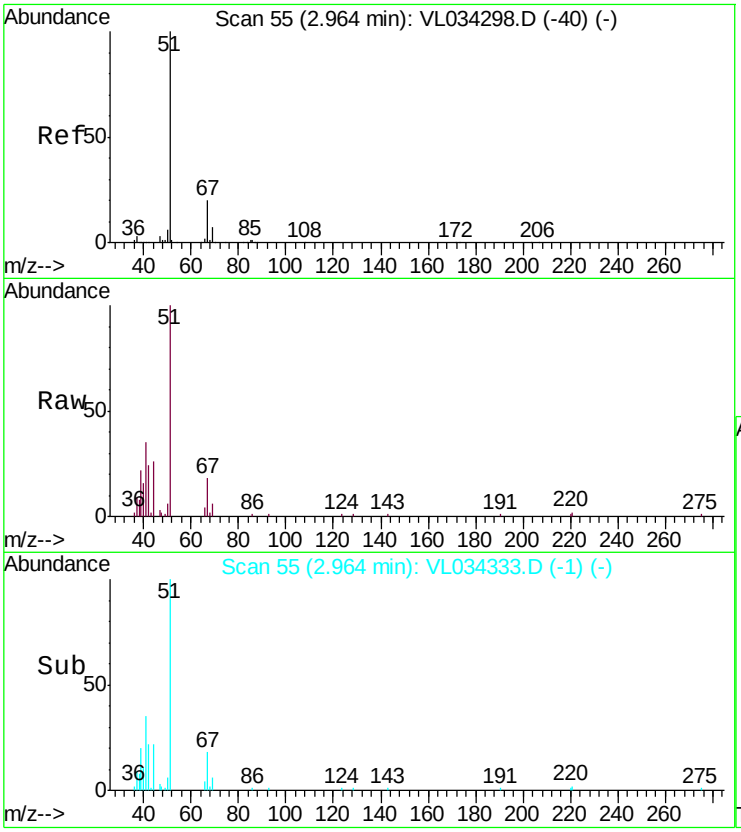


#2
Dichlorodifluoromethane
Concen: 0.247 ppbv
RT: 3.03 min Scan# 75
Delta R.T. 0.00 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Tgt Ion: 85 Resp: 35955

Ion	Ratio	Lower	Upper
85	100		
87	29.9	27.0	40.6



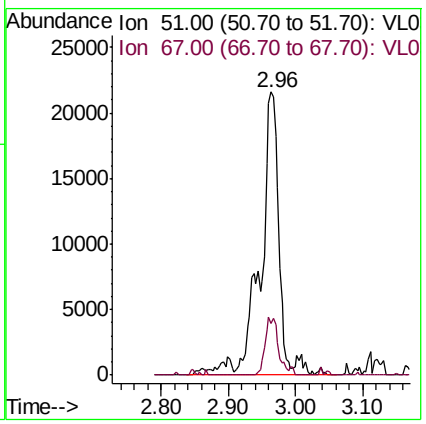


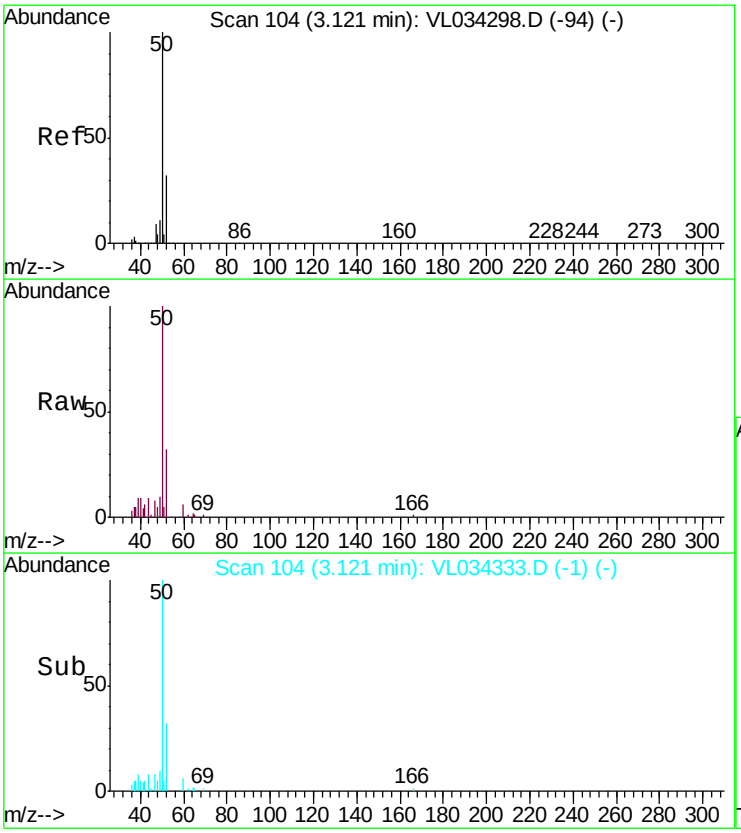
#3
Chlorodifluoromethane
Concen: 0.423 ppbv
RT: 2.96 min Scan# 55
Delta R.T. 0.00 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Instrument :
MSVOA_L
ClientSampleId :
SV4

Tgt Ion: 51 Resp: 41926

Ion	Ratio	Lower	Upper
51	100		
67	14.5	15.8	23.8#

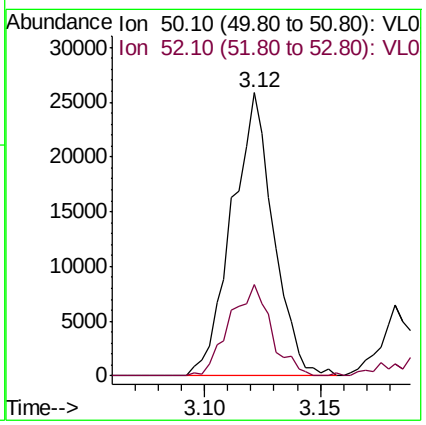


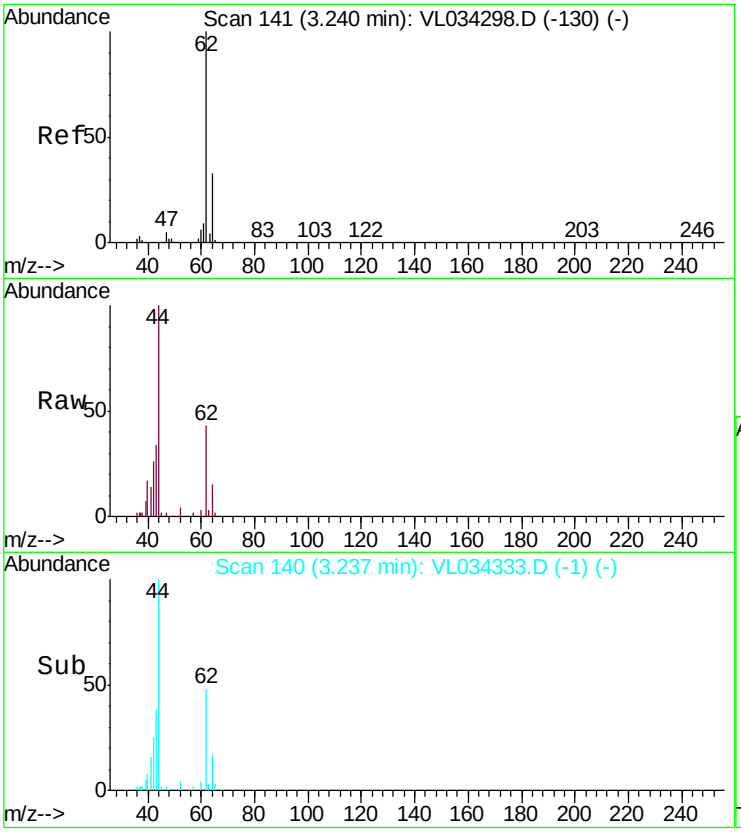


#4
Chloromethane
Concen: 0.551 ppbv
RT: 3.12 min Scan# 104
Delta R.T. 0.00 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Tgt Ion: 50 Resp: 32287

Ion	Ratio	Lower	Upper
50	100		
52	32.3	25.4	38.2



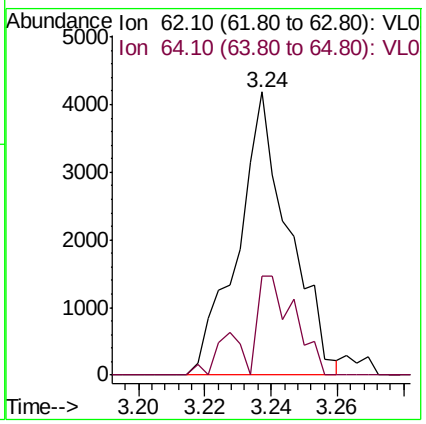


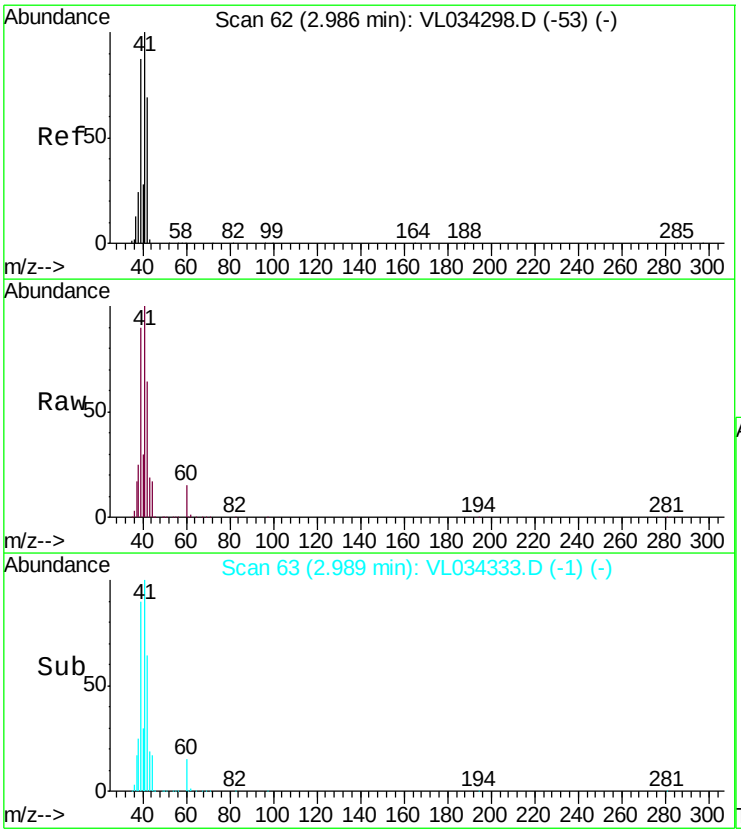
#5
Vinyl Chloride
Concen: 0.080 ppbv
RT: 3.24 min Scan# 140
Delta R.T. -0.00 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Instrument : MSVOA_L
ClientSampleId : SV4

Tgt Ion: 62 Resp: 4467

Ion	Ratio	Lower	Upper
62	100		
64	34.8	26.0	39.0

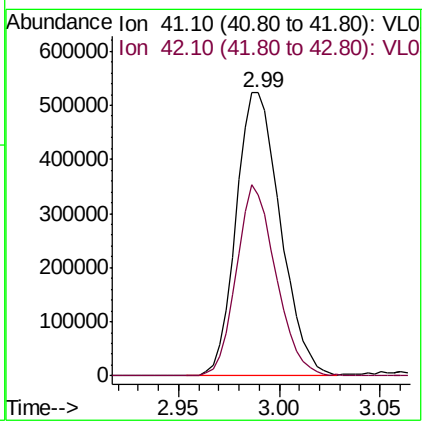


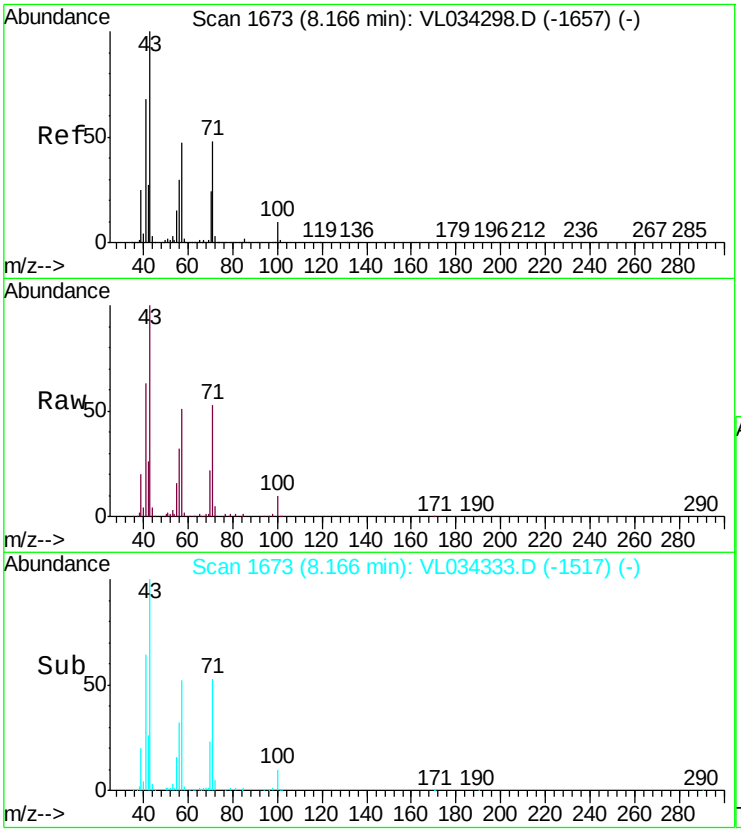


#9
Propene
Concen: 18.381 ppbv
RT: 2.99 min Scan# 63
Delta R.T. 0.00 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Tgt Ion: 41 Resp: 807437

Ion	Ratio	Lower	Upper
41	100		
42	60.5	53.9	80.9



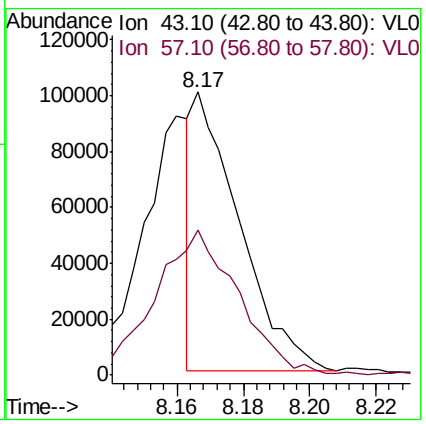


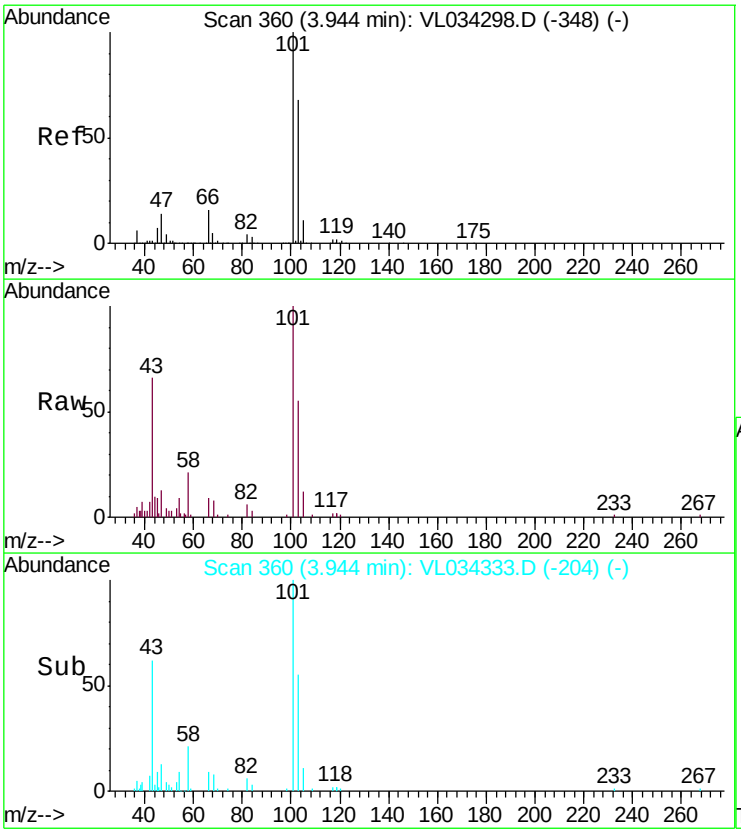
#10
Heptane
Concen: 0.856 ppbv
RT: 8.17 min Scan# 1673
Delta R.T. 0.00 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Instrument :
MSVOA_L
ClientSampleId :
SV4

Tgt Ion: 43 Resp: 96478

Ion	Ratio	Lower	Upper
43	100		
57	99.6	39.5	59.3#

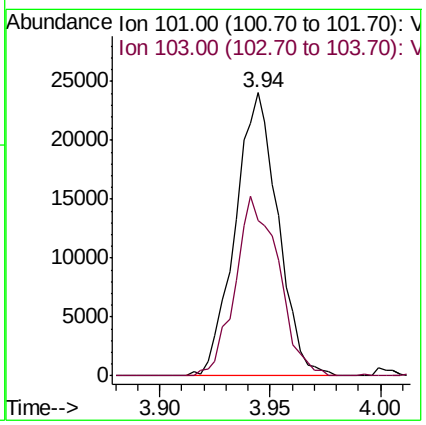


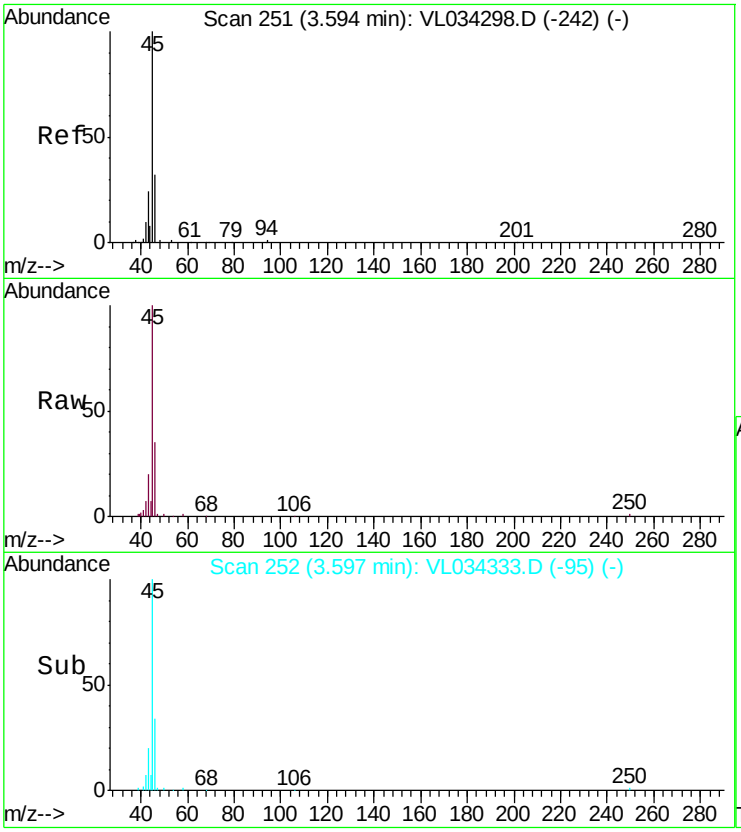


#11
Trichlorofluoromethane
Concen: 0.235 ppbv
RT: 3.94 min Scan# 360
Delta R.T. 0.00 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Tgt Ion:101 Resp: 32452

Ion	Ratio	Lower	Upper
101	100		
103	54.8	54.5	81.7



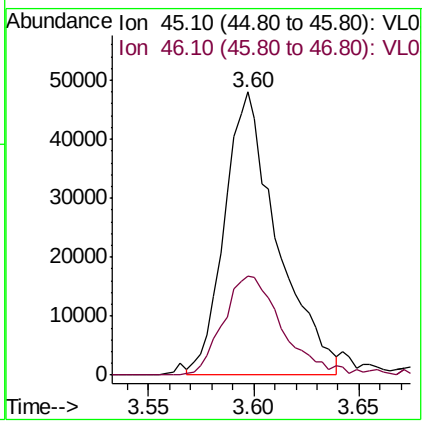


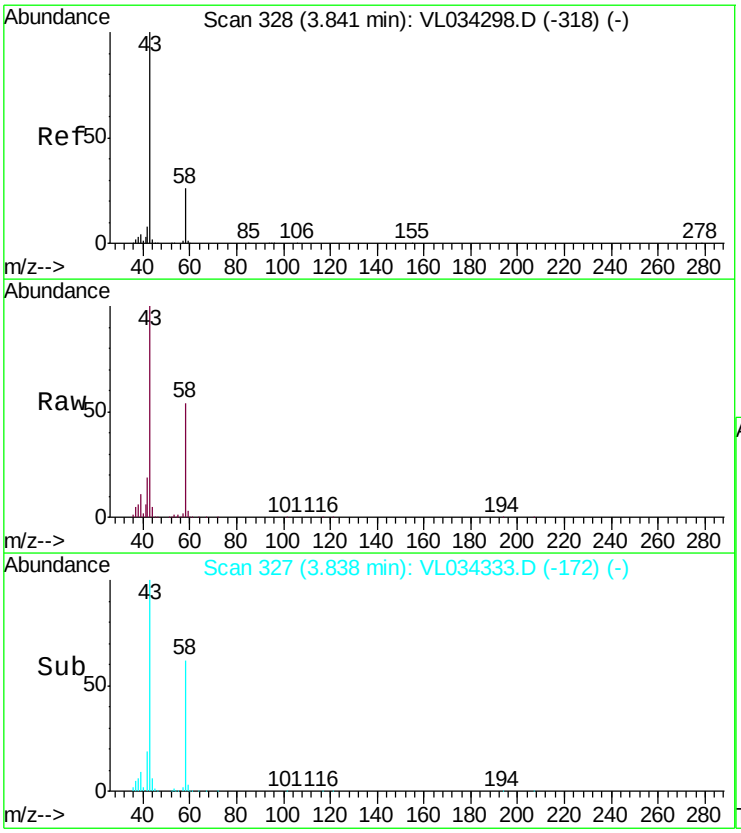
#13
Ethanol
Concen: 8.467 ppbv
RT: 3.60 min Scan# 252
Delta R.T. 0.00 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Instrument :
MSVOA_L
ClientSampleId :
SV4

Tgt Ion: 45 Resp: 83272

Ion	Ratio	Lower	Upper
45	100		
46	40.1	15.8	63.2

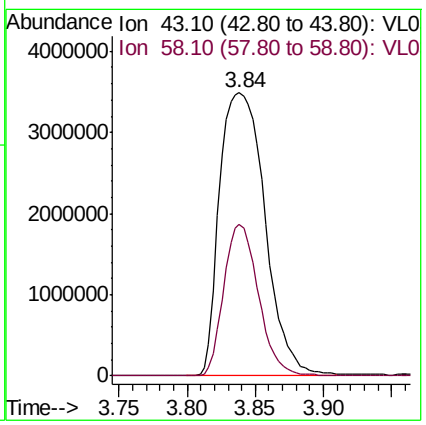


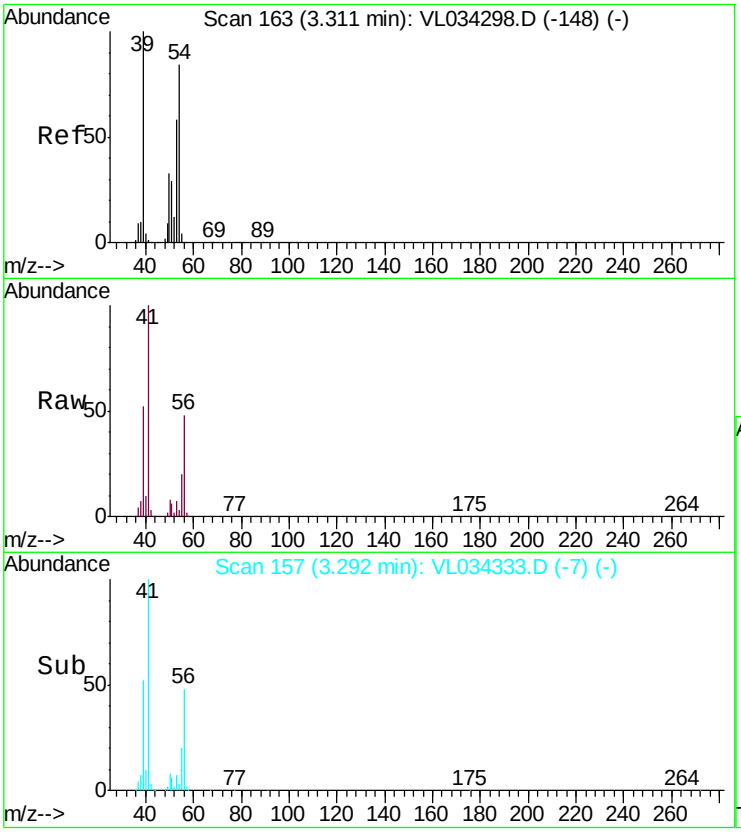


#15
Acetone
Concen: 66.680 ppbv
RT: 3.84 min Scan# 327
Delta R.T. -0.00 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Tgt Ion: 43 Resp: 8063393

Ion	Ratio	Lower	Upper
43	100		
58	41.3	20.4	30.6#



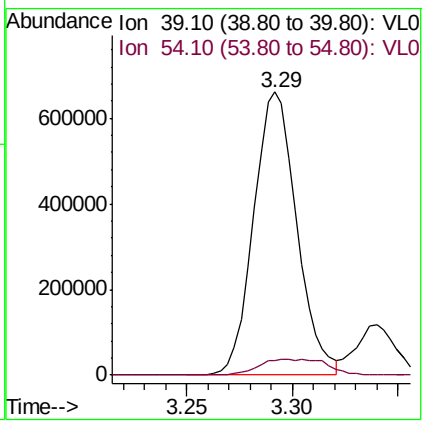


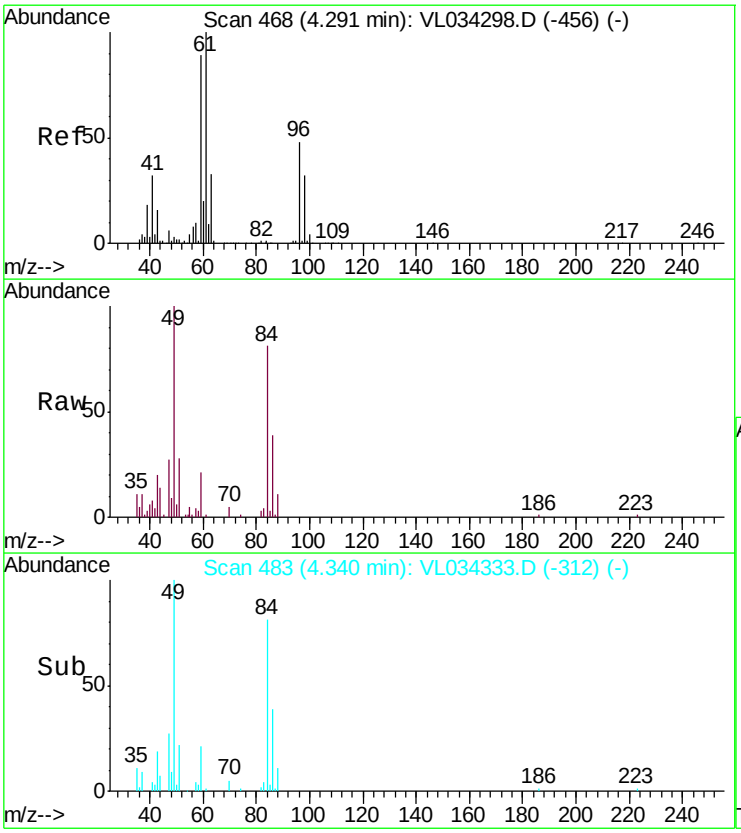
#16
1,3-Butadiene
Concen: 19.152 ppbv
RT: 3.29 min Scan# 157
Delta R.T. -0.02 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Instrument :
MSVOA_L
ClientSampleId :
SV4

Tgt Ion: 39 Resp: 941029

Ion	Ratio	Lower	Upper
39	100		
54	9.1	63.9	95.9#

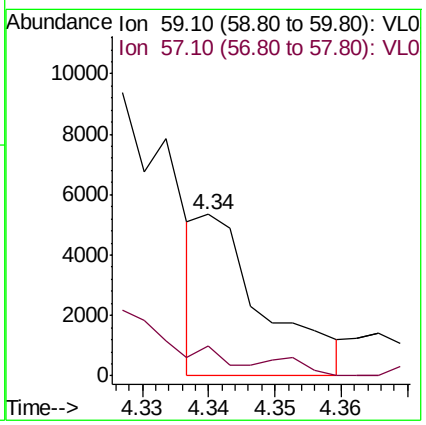


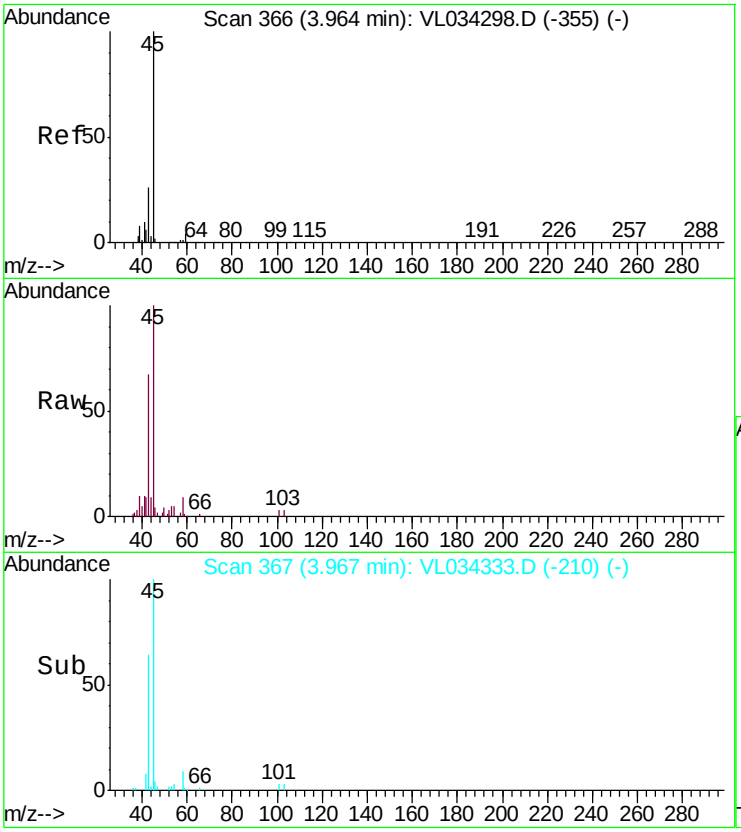


#17
tert-Butyl alcohol
Concen: 0.047 ppbv
RT: 4.34 min Scan# 483
Delta R.T. 0.05 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Tgt Ion: 59 Resp: 3618

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.8	13.2#



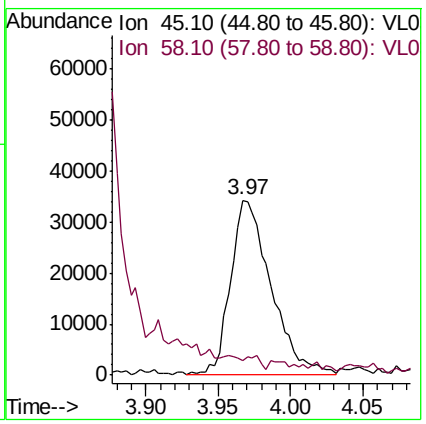


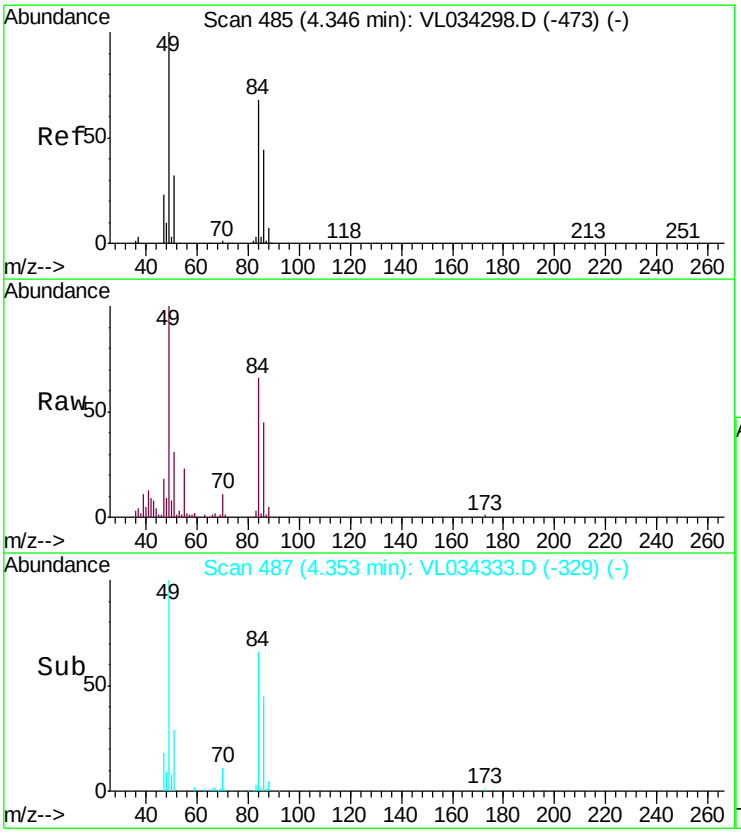
#19
Isopropyl Alcohol
Concen: 0.988 ppbv
RT: 3.97 min Scan# 367
Delta R.T. 0.00 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Instrument : MSVOA_L
ClientSampleId : SV4

Tgt Ion: 45 Resp: 66672

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.4	2.2#

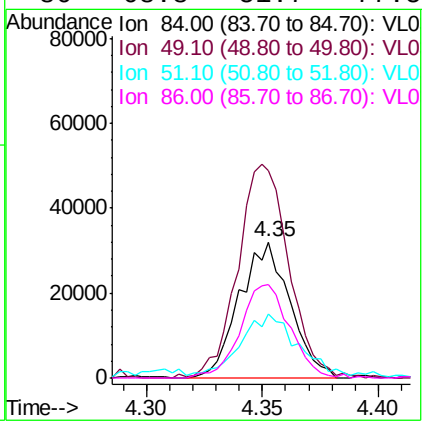


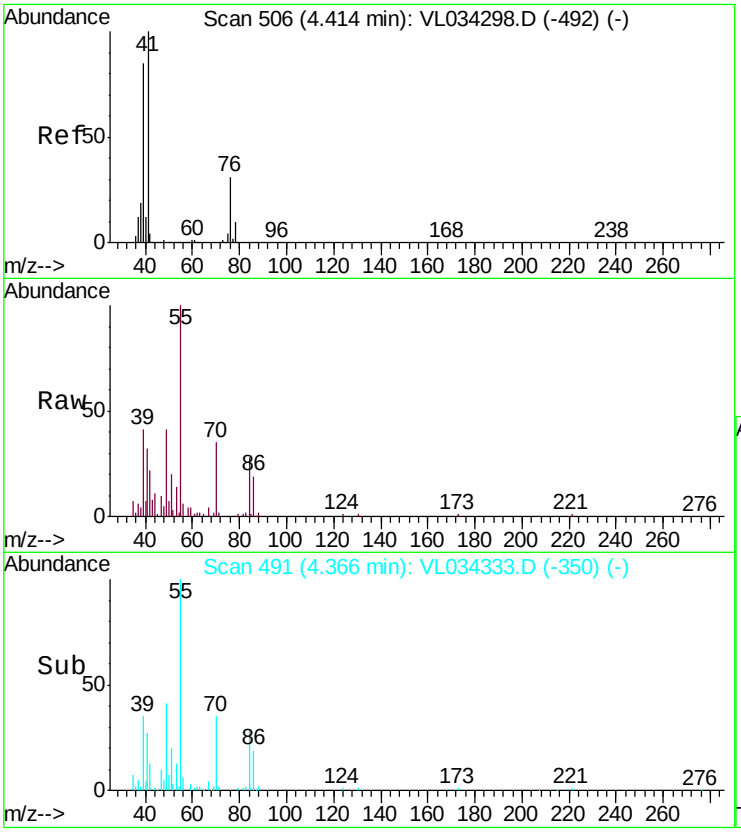


#20
Methylene Chloride
Concen: 1.111 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.01 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Tgt Ion: 84 Resp: 48565

Ion	Ratio	Lower	Upper
84	100		
49	151.5	118.5	177.7
51	45.9	38.8	58.2
86	68.8	51.7	77.5



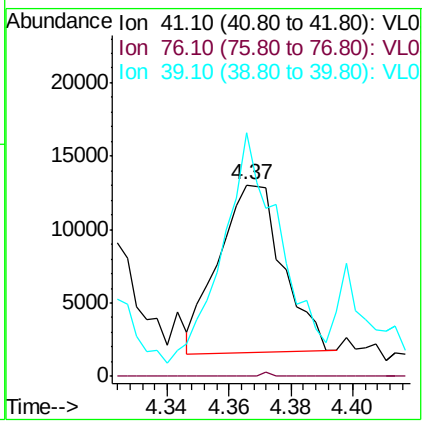


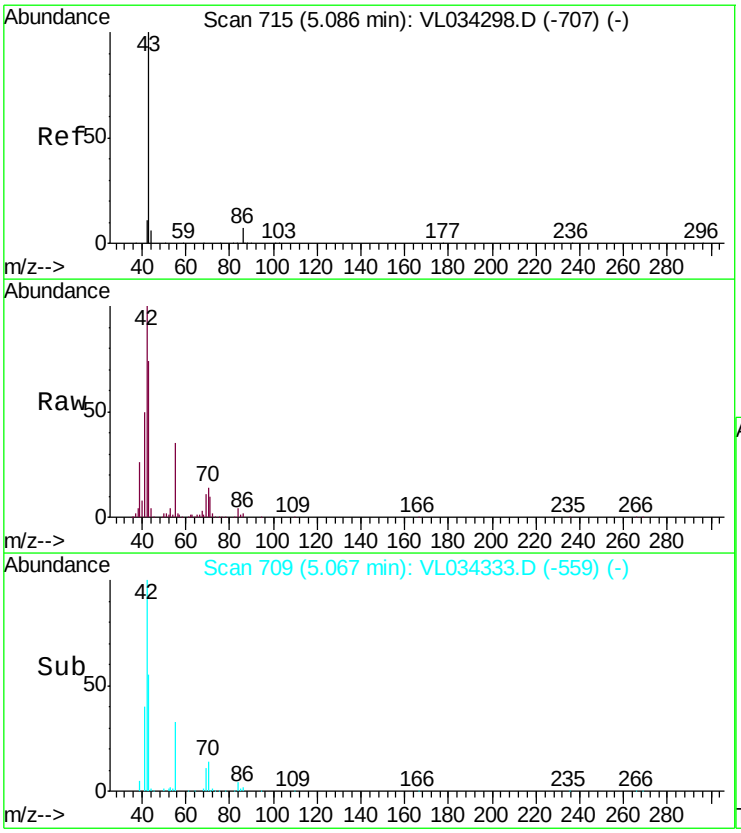
#21
Allyl Chloride
Concen: 0.248 ppbv
RT: 4.37 min Scan# 491
Delta R.T. -0.05 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Instrument :
MSVOA_L
ClientSampleId :
SV4

Tgt Ion: 41 Resp: 16566

Ion	Ratio	Lower	Upper
41	100		
76	0.0	22.8	34.2#
39	187.5	66.0	99.0#

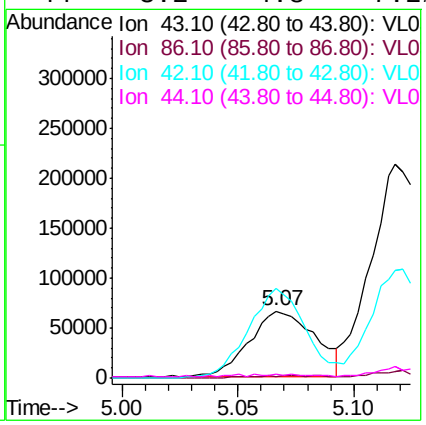


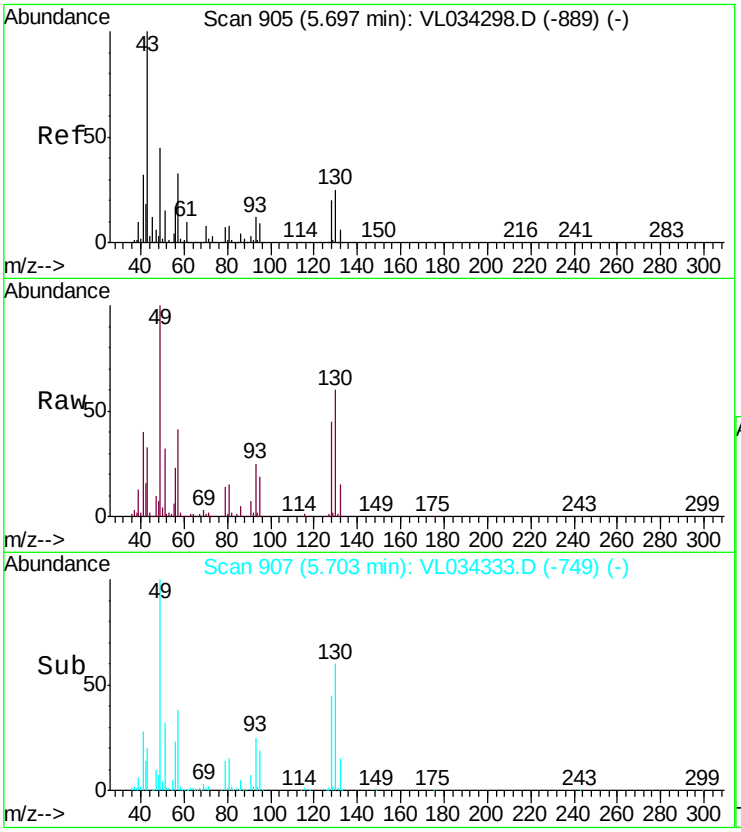


#23
Vinyl Acetate
Concen: 0.857 ppbv
RT: 5.07 min Scan# 709
Delta R.T. -0.02 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Tgt Ion: 43 Resp: 129492

Ion	Ratio	Lower	Upper
43	100		
86	2.8	5.0	7.4#
42	135.8	8.6	13.0#
44	3.2	4.8	7.2#



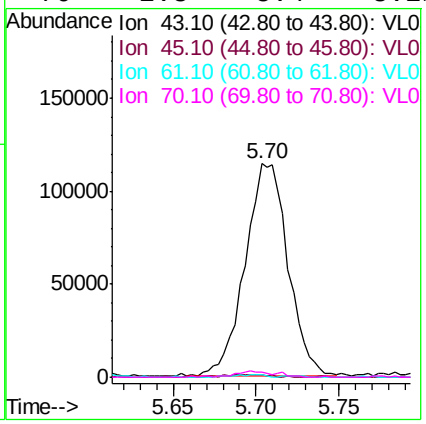


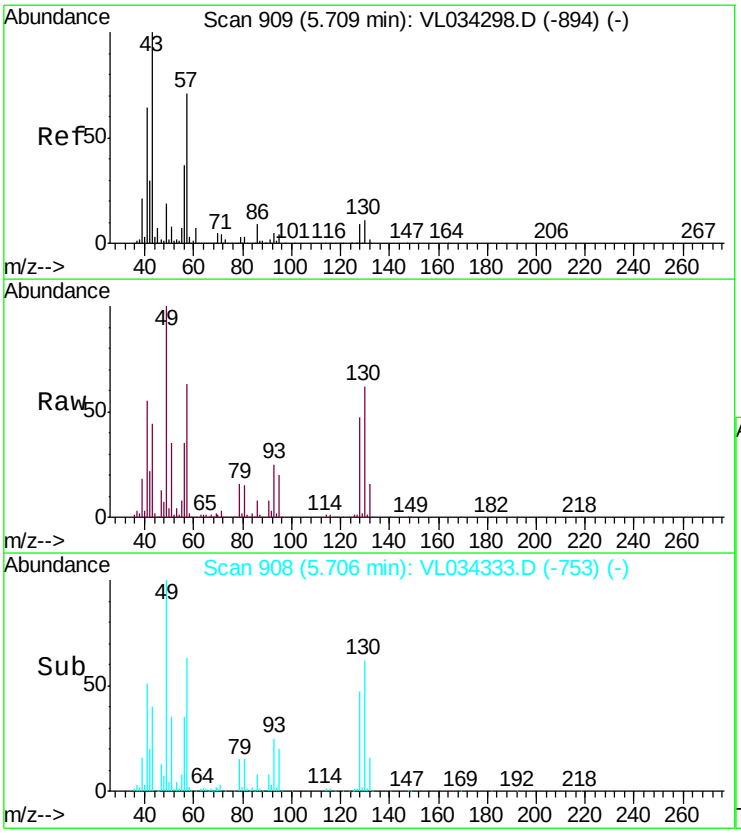
#25
Ethyl Acetate
Concen: 1.011 ppbv
RT: 5.70 min Scan# 907
Delta R.T. 0.01 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Instrument : MSVOA_L
ClientSampleId : SV4

Tgt Ion: 43 Resp: 206384

Ion	Ratio	Lower	Upper
43	100		
45	1.6	8.3	12.5#
61	0.0	7.7	11.5#
70	2.8	5.4	8.2#

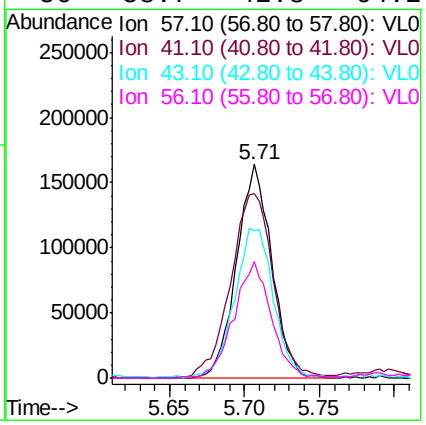


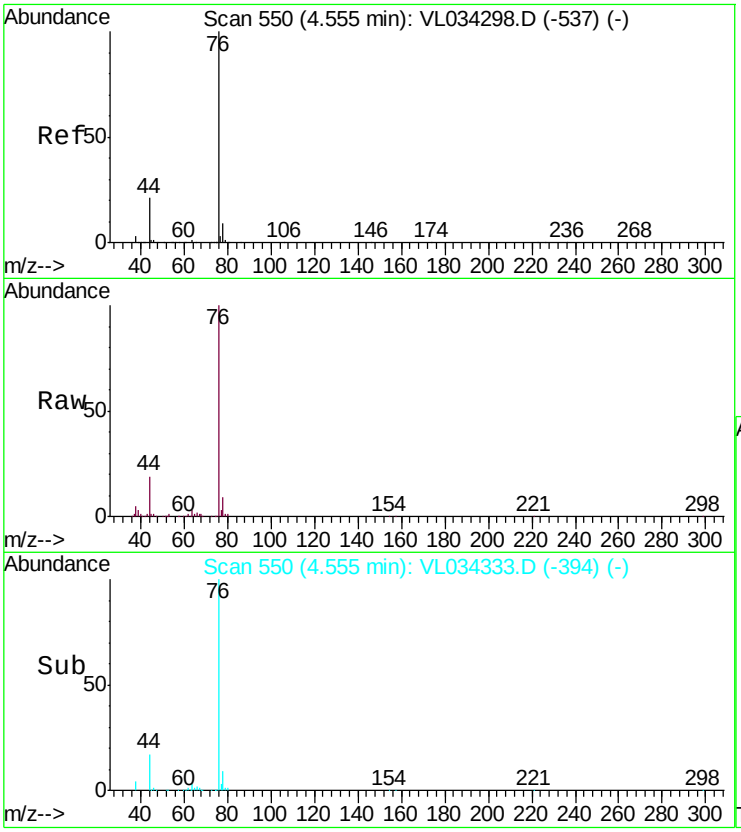


#26
Hexane
Concen: 3.073 ppbv
RT: 5.71 min Scan# 908
Delta R.T. -0.00 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Tgt Ion: 57 Resp: 267404

Ion	Ratio	Lower	Upper
57	100		
41	105.8	76.5	114.7
43	77.4	188.5	282.7#
56	58.7	42.8	64.2



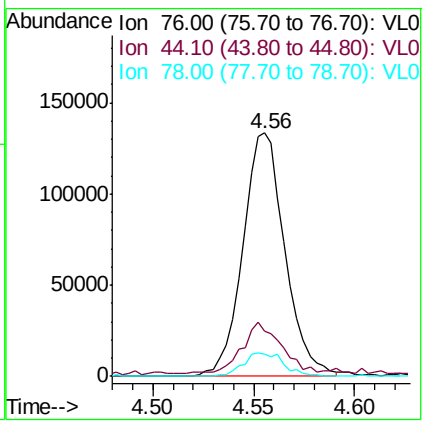


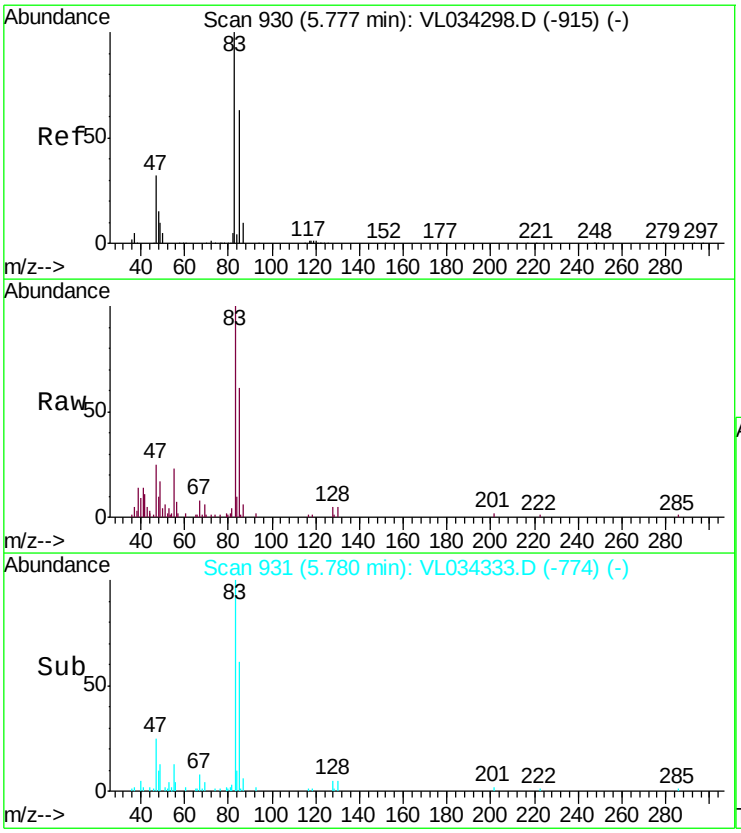
#27
Carbon Disulfide
Concen: 2.151 ppbv
RT: 4.56 min Scan# 550
Delta R.T. 0.00 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Instrument :
MSVOA_L
ClientSampleId :
SV4

Tgt Ion: 76 Resp: 194300

Ion	Ratio	Lower	Upper
76	100		
44	22.8	17.3	25.9
78	9.5	7.8	11.6

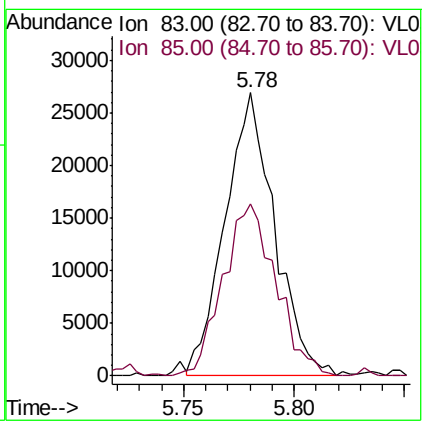


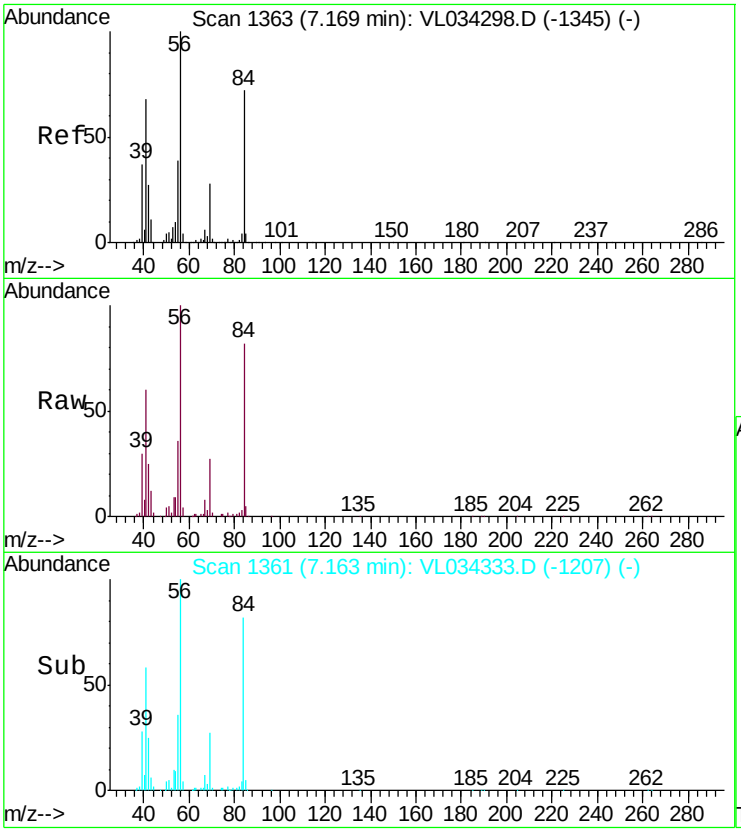


#29
Chloroform
Concen: 0.305 ppbv
RT: 5.78 min Scan# 931
Delta R.T. 0.00 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Tgt Ion: 83 Resp: 41922

Ion	Ratio	Lower	Upper
83	100		
85	60.9	50.5	75.7



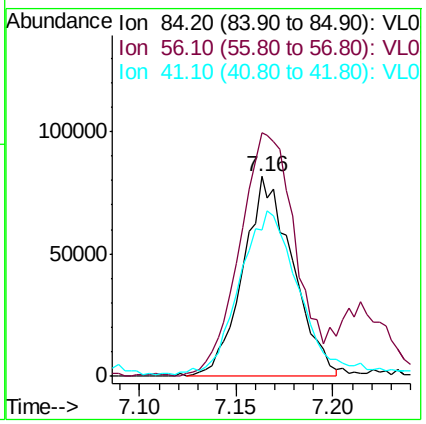


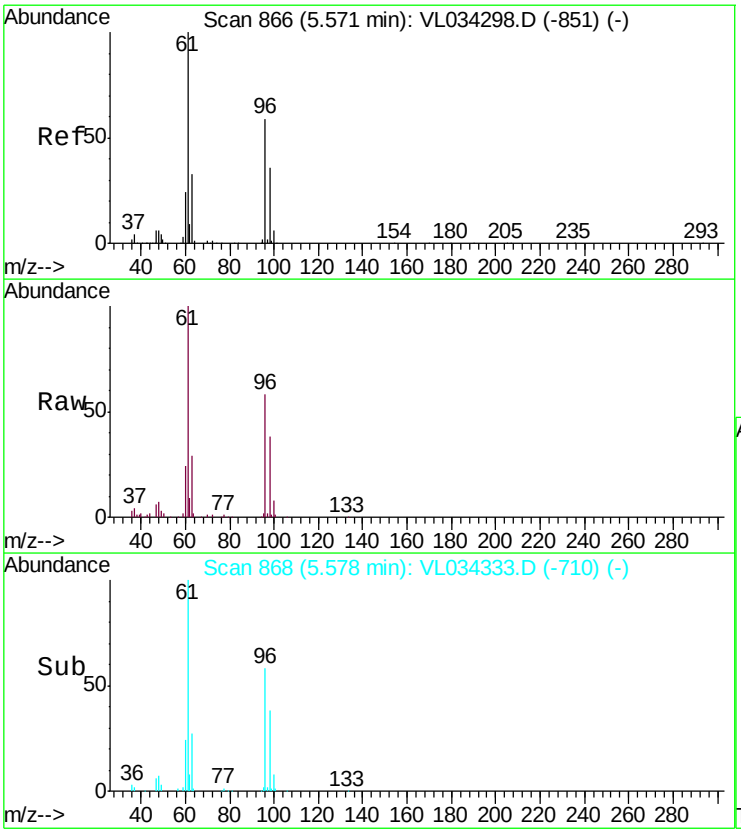
#30
Cyclohexane
Concen: 2.262 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.01 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Instrument : MSVOA_L
ClientSampleId : SV4

Tgt Ion: 84 Resp: 144785

Ion	Ratio	Lower	Upper
84	100		
56	136.9	119.4	179.0
41	99.4	78.7	118.1

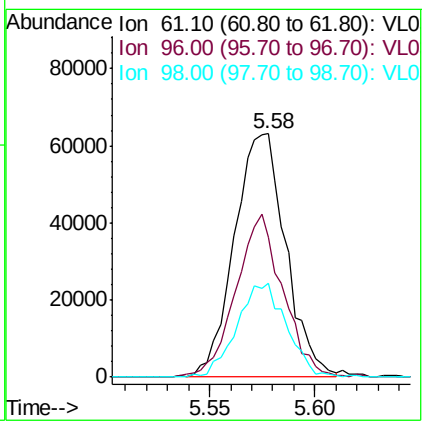


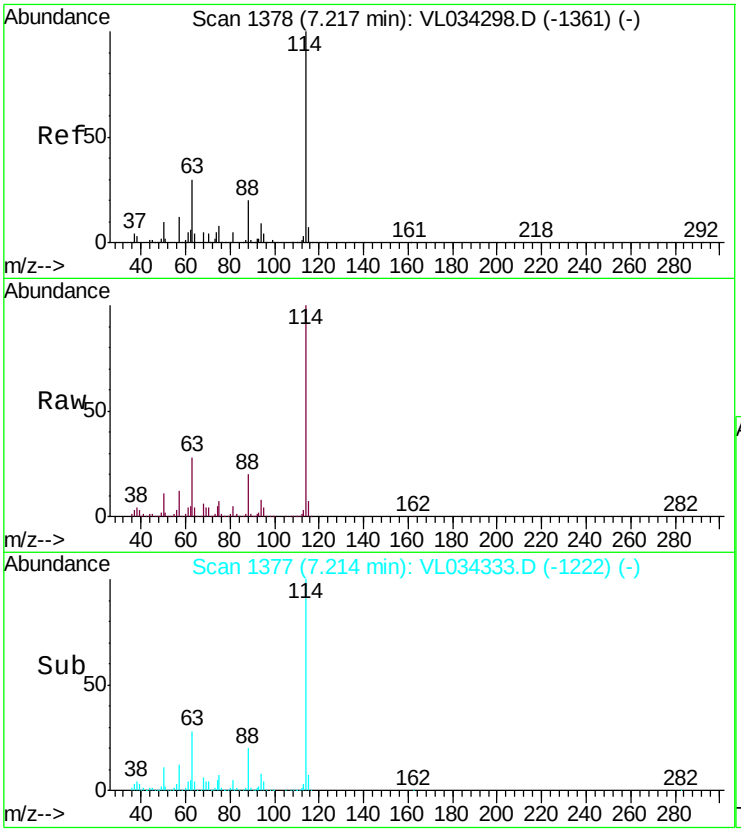


#31
cis-1,2-Dichloroethene
Concen: 1.211 ppbv
RT: 5.58 min Scan# 868
Delta R.T. 0.01 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Tgt Ion: 61 Resp: 106936

Ion	Ratio	Lower	Upper
61	100		
96	57.0	47.5	71.3
98	38.1	28.8	43.2



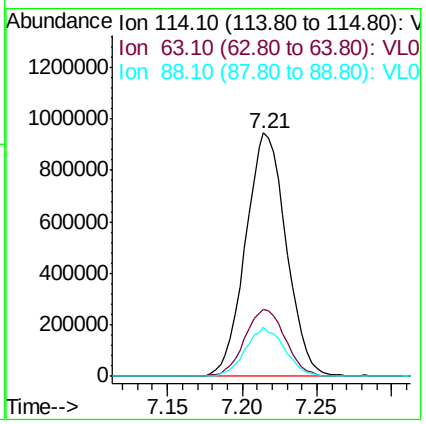


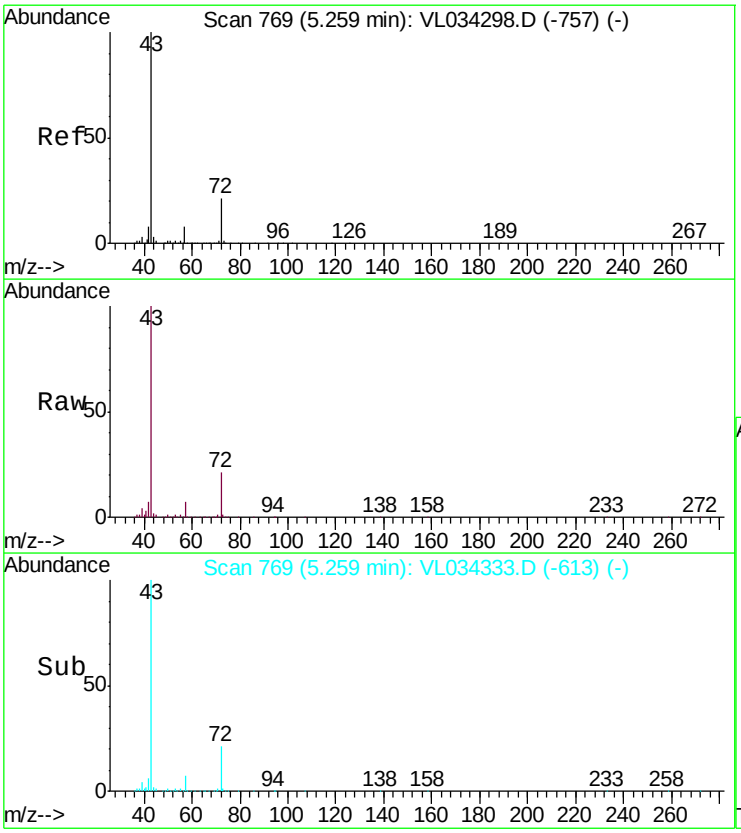
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.21 min Scan# 1377
Delta R.T. -0.00 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Instrument :
MSVOA_L
ClientSampleId :
SV4

Tgt Ion:114 Resp: 1783668

Ion	Ratio	Lower	Upper
114	100		
63	27.9	25.2	37.8
88	19.4	16.0	24.0

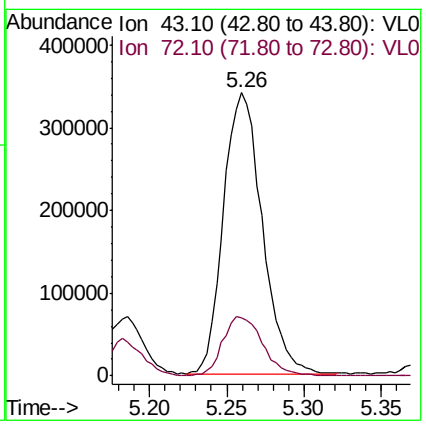


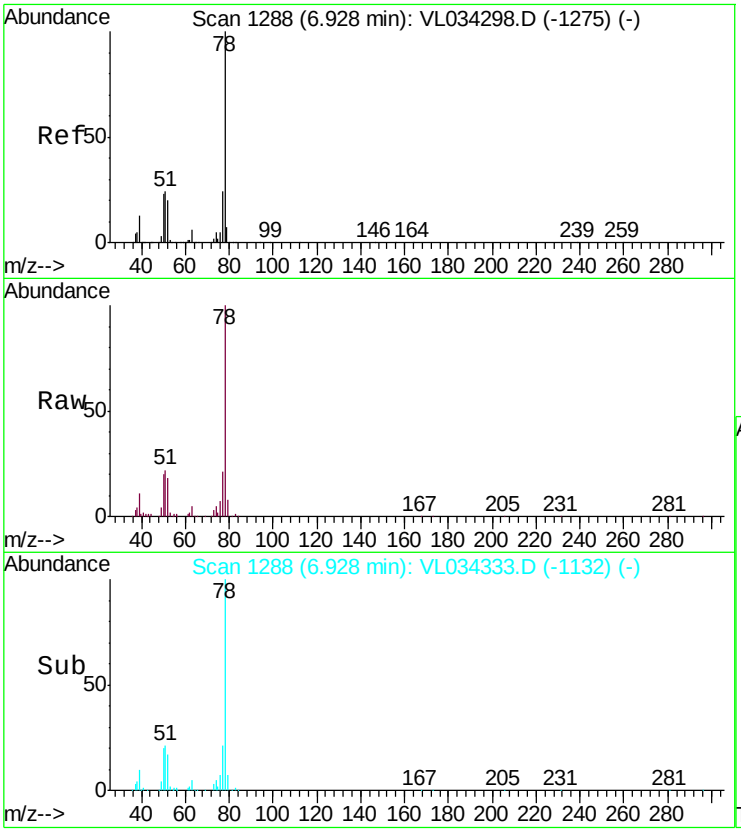


#34
2-Butanone
Concen: 4.058 ppbv
RT: 5.26 min Scan# 769
Delta R.T. 0.00 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Tgt Ion: 43 Resp: 591571

Ion	Ratio	Lower	Upper
43	100		
72	22.0	16.3	24.5



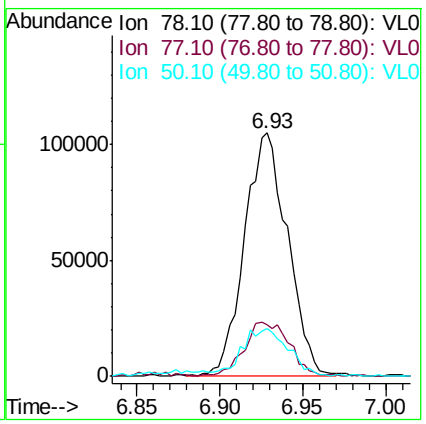


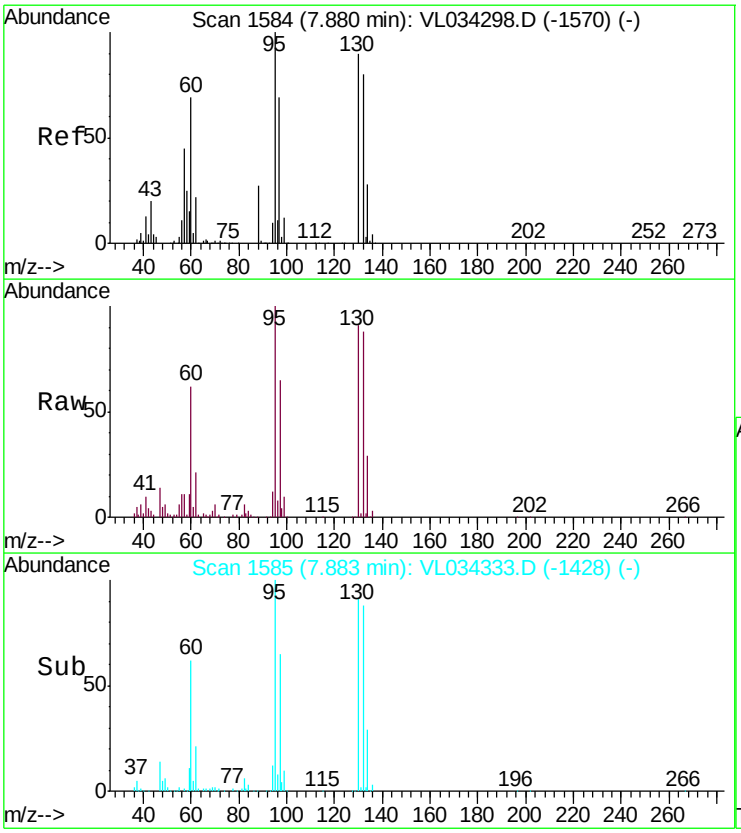
#36
Benzene
Concen: 1.109 ppbv
RT: 6.93 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Instrument :
MSVOA_L
ClientSampleId :
SV4

Tgt Ion: 78 Resp: 189809

Ion	Ratio	Lower	Upper
78	100		
77	20.1	19.0	28.4
50	18.9	18.6	27.8

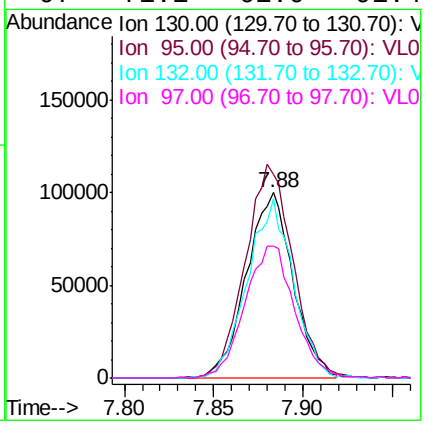


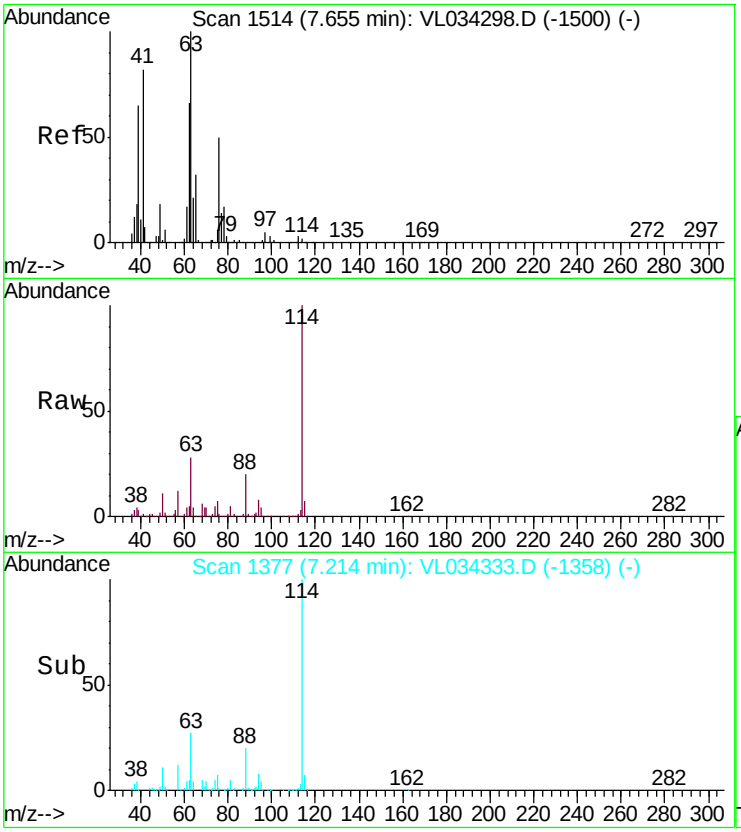


#38
Trichloroethene
Concen: 2.658 ppbv
RT: 7.88 min Scan# 1585
Delta R.T. 0.00 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Tgt Ion:130 Resp: 182549

Ion	Ratio	Lower	Upper
130	100		
95	109.4	88.6	132.8
132	96.7	71.2	106.8
97	71.1	61.0	91.4



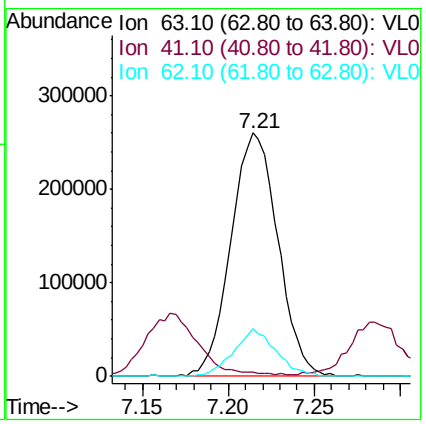


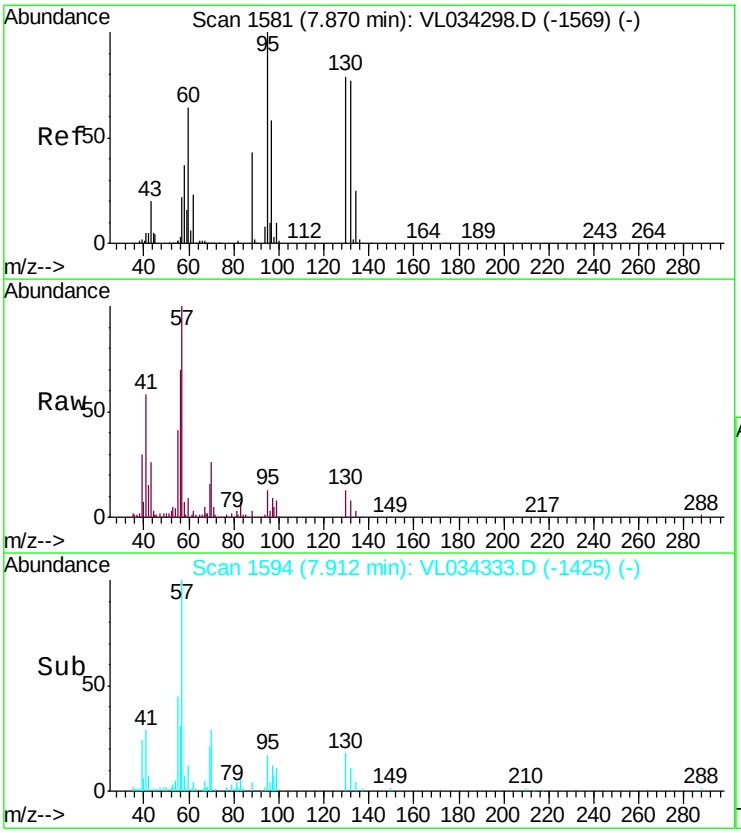
#39
1,2-Dichloropropane
Concen: 6.631 ppbv
RT: 7.21 min Scan# 1377
Delta R.T. -0.44 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Instrument : MSVOA_L
ClientSampleId : SV4

Tgt Ion: 63 Resp: 488641

Ion	Ratio	Lower	Upper
63	100		
41	0.0	65.6	98.4#
62	19.5	53.0	79.6#

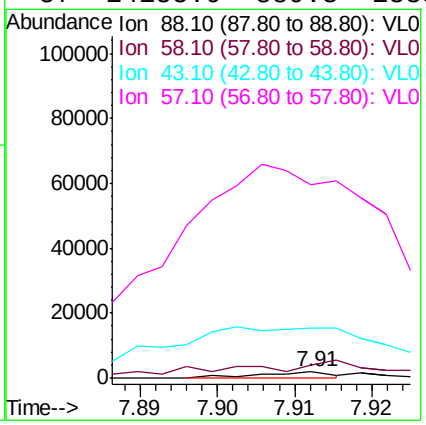


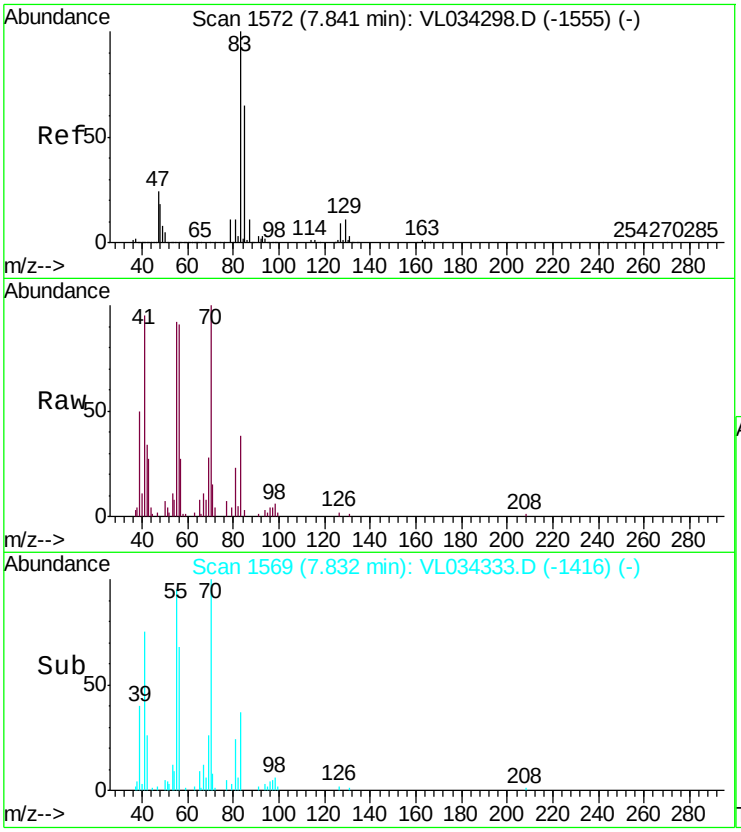


#40
1,4-Dioxane
Concen: 0.045 ppbv
RT: 7.91 min Scan# 1594
Delta R.T. 0.04 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Tgt Ion: 88 Resp: 1168

Ion	Ratio	Lower	Upper
88	100		
58	0.0	110.3	165.5#
43	2924.7	228.1	342.1#
57	14155.9	889.3	1333.9#



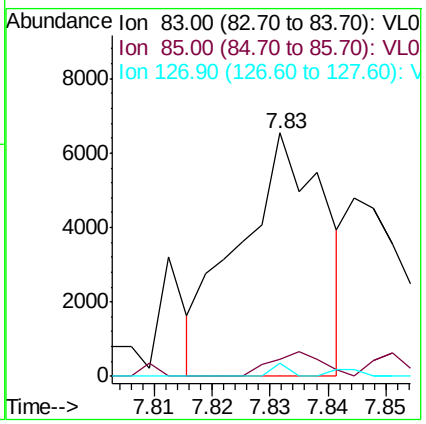


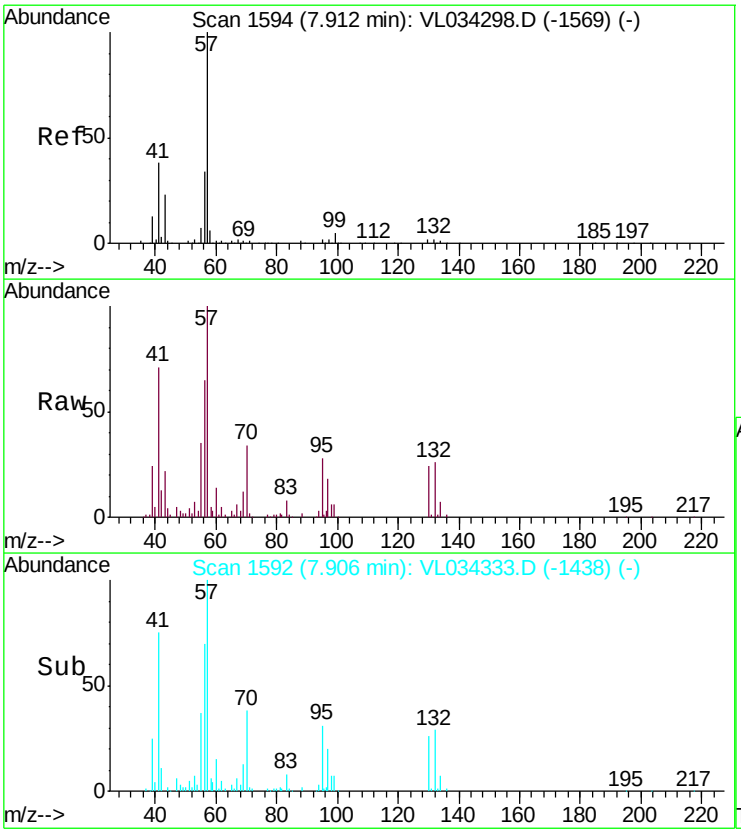
#42
Bromodichloromethane
Concen: 0.043 ppbv
RT: 7.83 min Scan# 1569
Delta R.T. -0.01 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Instrument :
MSVOA_L
ClientSampleId :
SV4

Tgt Ion: 83 Resp: 6663

Ion	Ratio	Lower	Upper
83	100		
85	9.3	51.8	77.6#
127	7.3	7.0	10.6

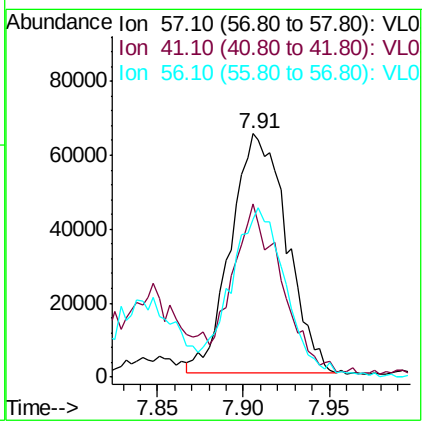


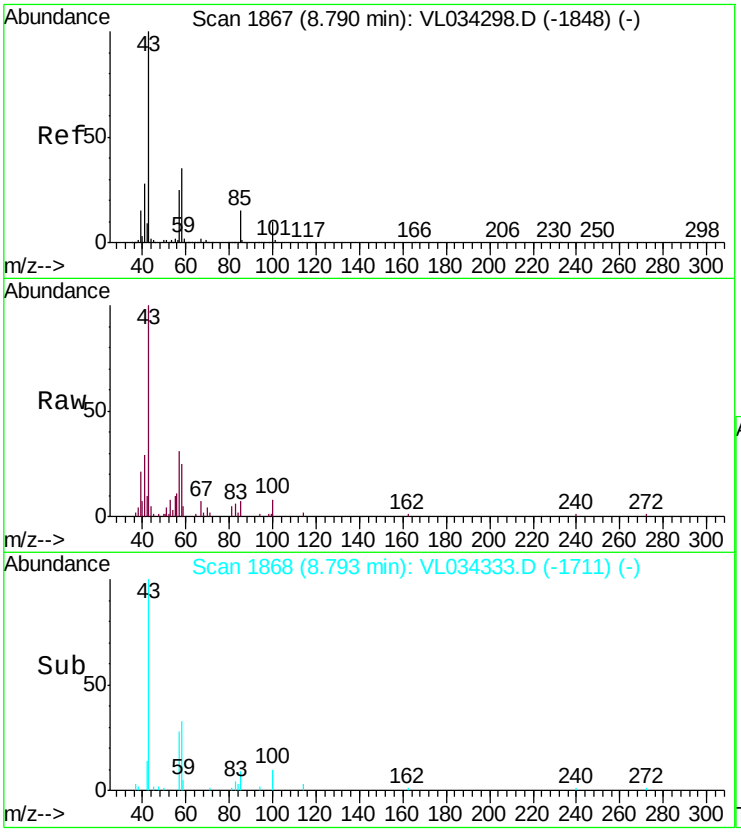


#44
2,2,4-Trimethylpentane
Concen: 0.459 ppbv
RT: 7.91 min Scan# 1592
Delta R.T. -0.01 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Tgt Ion: 57 Resp: 145317

Ion	Ratio	Lower	Upper
57	100		
41	63.2	29.3	43.9#
56	72.1	25.3	37.9#



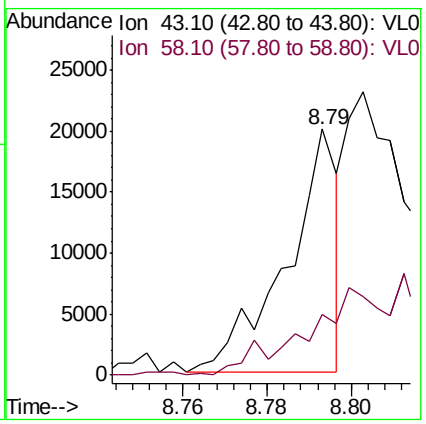


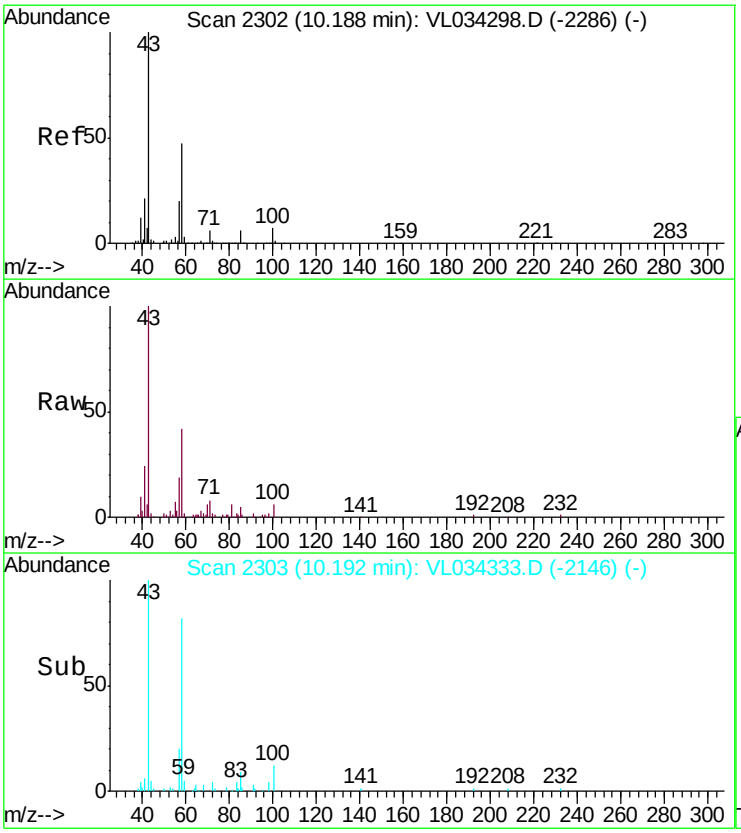
#50
4-Methyl-2-Pentanone
Concen: 0.080 ppbv
RT: 8.79 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Instrument : MSVOA_L
ClientSampleId : SV4

Tgt Ion: 43 Resp: 16783

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.6	41.4#

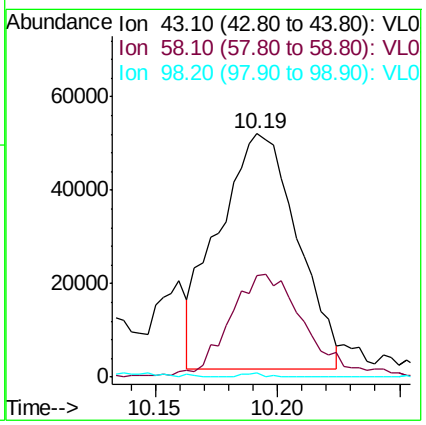


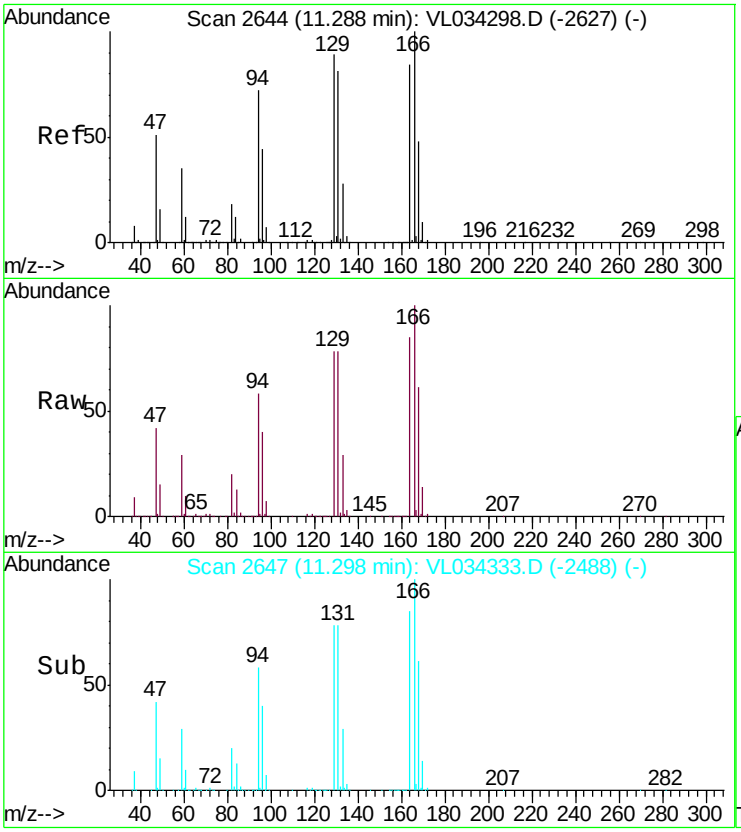


#51
2-Hexanone
Concen: 0.663 ppbv
RT: 10.19 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Tgt Ion: 43 Resp: 113406

Ion	Ratio	Lower	Upper
43	100		
58	42.8	37.0	55.6
98	0.5	0.2	0.2#



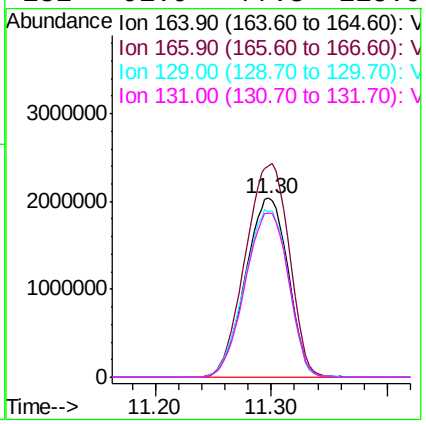


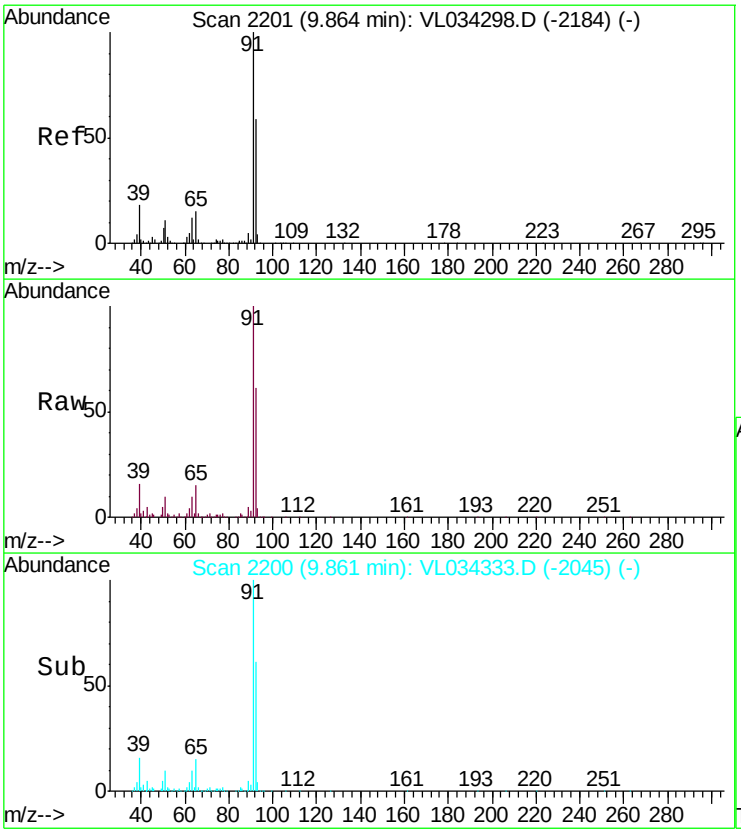
#52
Tetrachloroethene
Concen: 77.550 ppbv
RT: 11.30 min Scan# 2647
Delta R.T. 0.01 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Instrument : MSVOA_L
ClientSampleId : SV4

Tgt Ion:164 Resp: 5202193

Ion	Ratio	Lower	Upper
164	100		
166	118.3	95.3	142.9
129	92.6	84.5	126.7
131	91.9	77.3	115.9

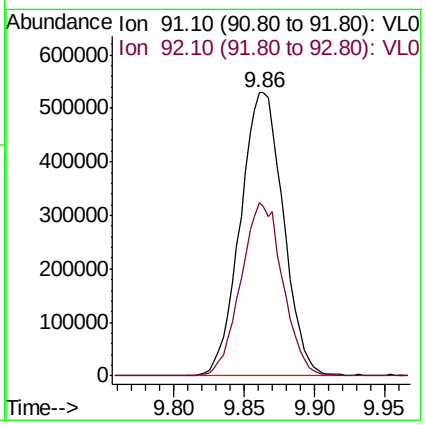


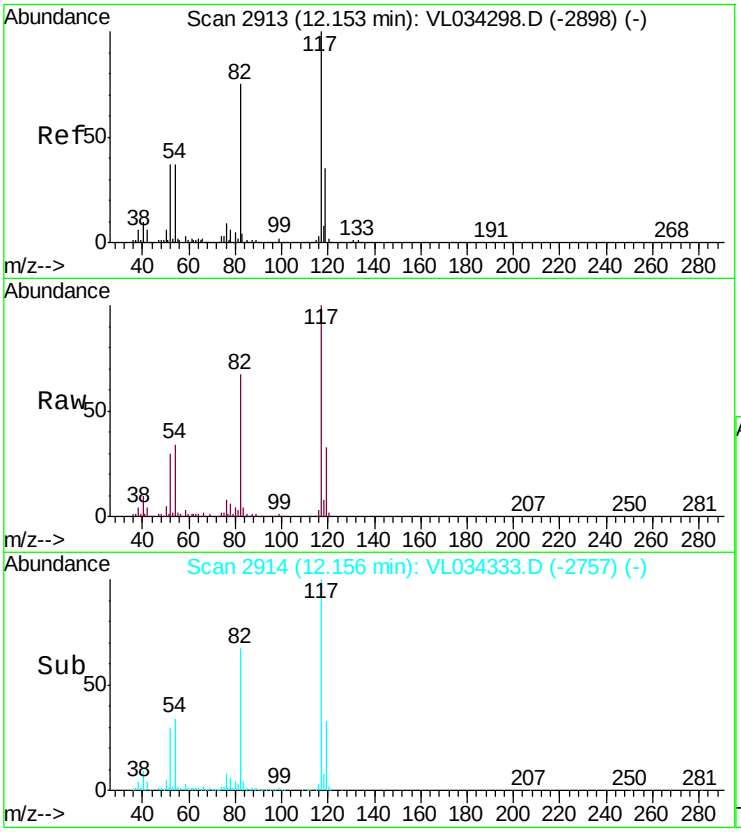


#53
Toluene
Concen: 5.976 ppbv
RT: 9.86 min Scan# 2200
Delta R.T. -0.00 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Tgt Ion: 91 Resp: 1128584

Ion	Ratio	Lower	Upper
91	100		
92	59.9	48.4	72.6



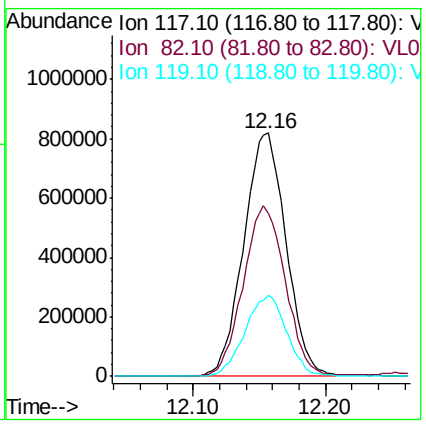


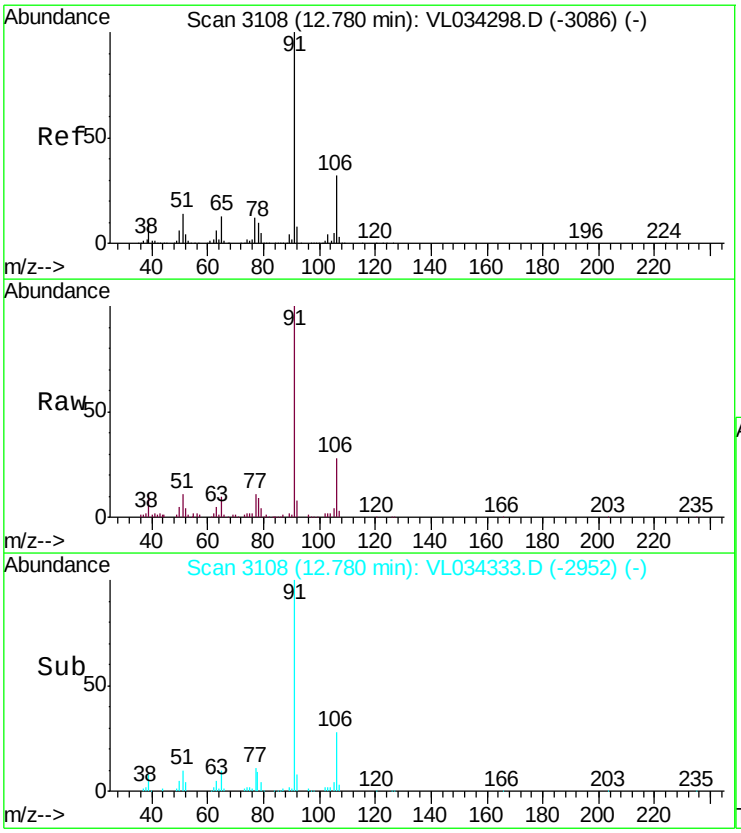
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.16 min Scan# 2914
Delta R.T. 0.00 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Instrument :
MSVOA_L
ClientSampleId :
SV4

Tgt Ion:117 Resp: 1817570

Ion	Ratio	Lower	Upper
117	100		
82	70.0	55.5	83.3
119	33.0	26.5	39.7

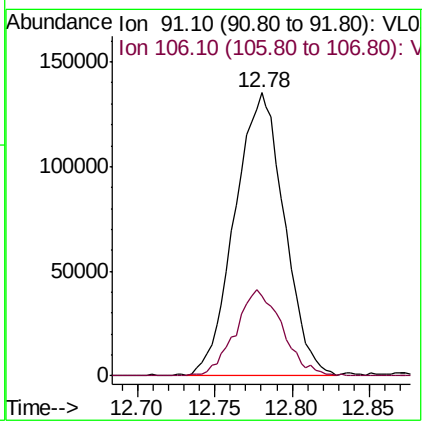


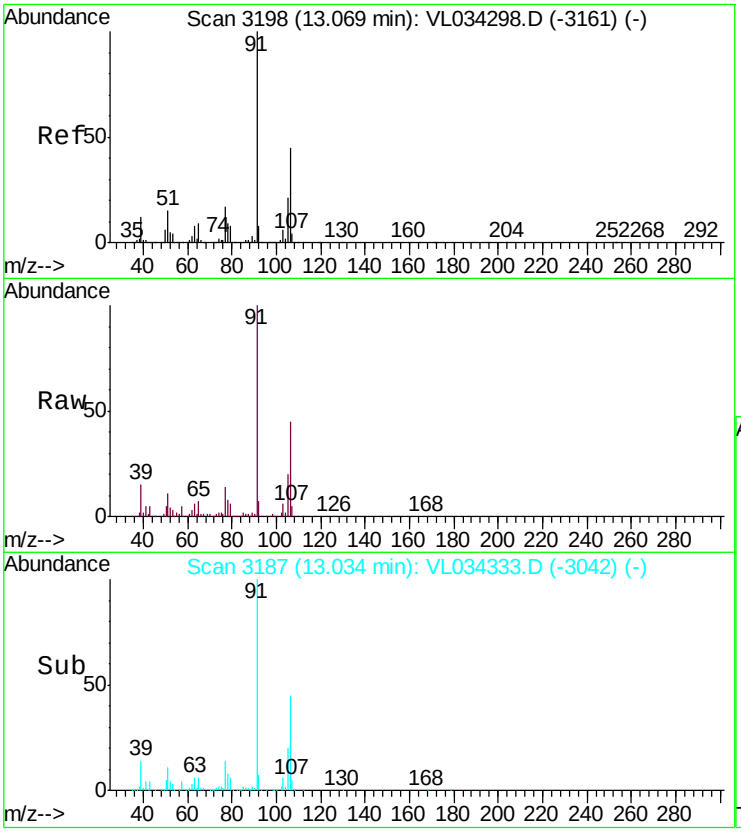


#58
Ethyl Benzene
Concen: 1.184 ppbv
RT: 12.78 min Scan# 3108
Delta R.T. 0.00 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Tgt Ion: 91 Resp: 300805

Ion	Ratio	Lower	Upper
91	100		
106	28.1	25.3	37.9



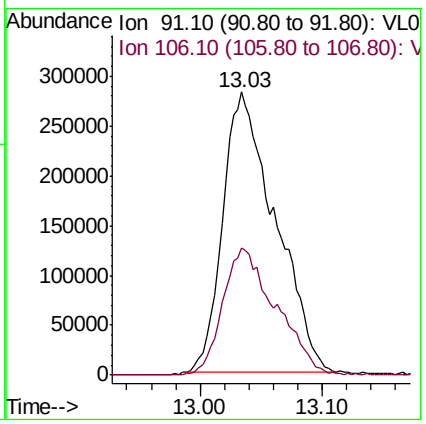


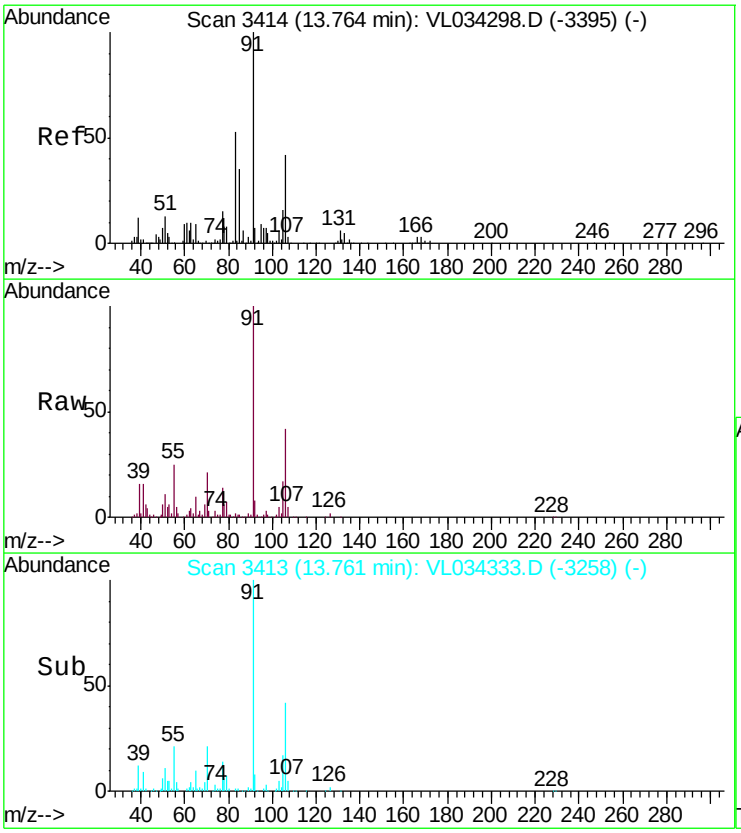
#59
m/p-Xylene
Concen: 3.804 ppbv
RT: 13.03 min Scan# 3187
Delta R.T. -0.04 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Instrument : MSVOA_L
ClientSampleId : SV4

Tgt Ion: 91 Resp: 837335

Ion	Ratio	Lower	Upper
91	100		
106	46.3	35.4	53.2

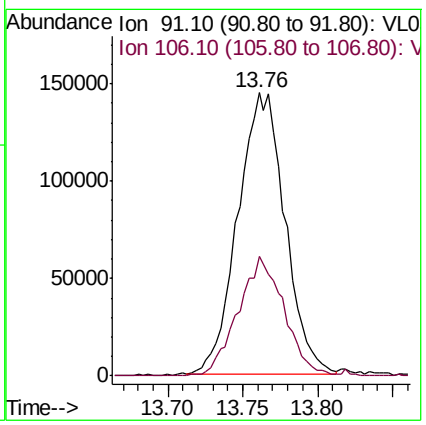


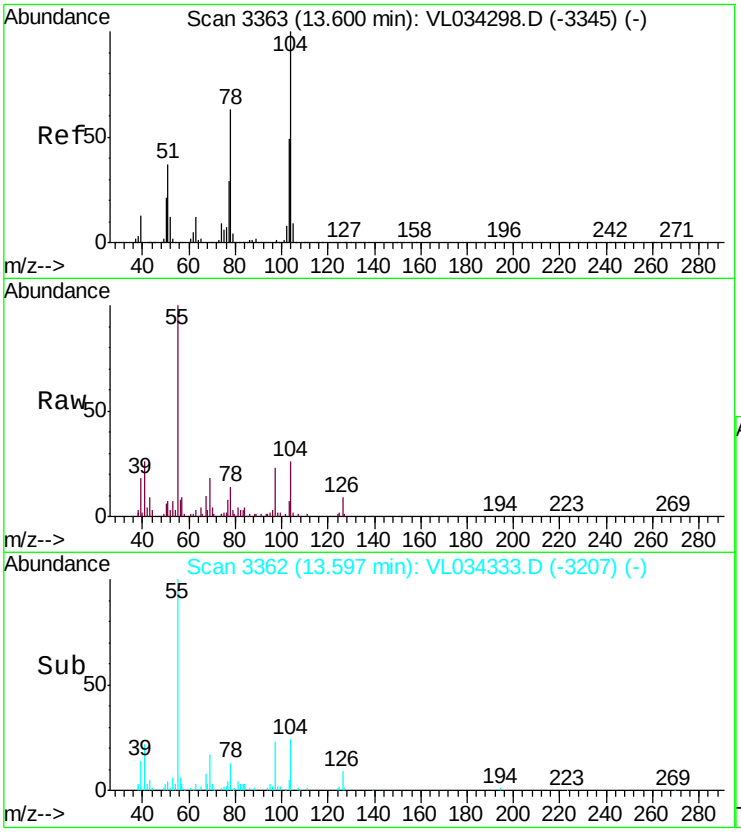


#60
o-Xylene
Concen: 1.443 ppbv
RT: 13.76 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Tgt Ion: 91 Resp: 316219

Ion	Ratio	Lower	Upper
91	100		
106	41.8	21.6	64.6



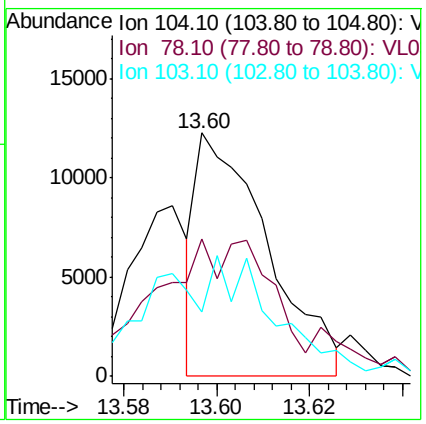


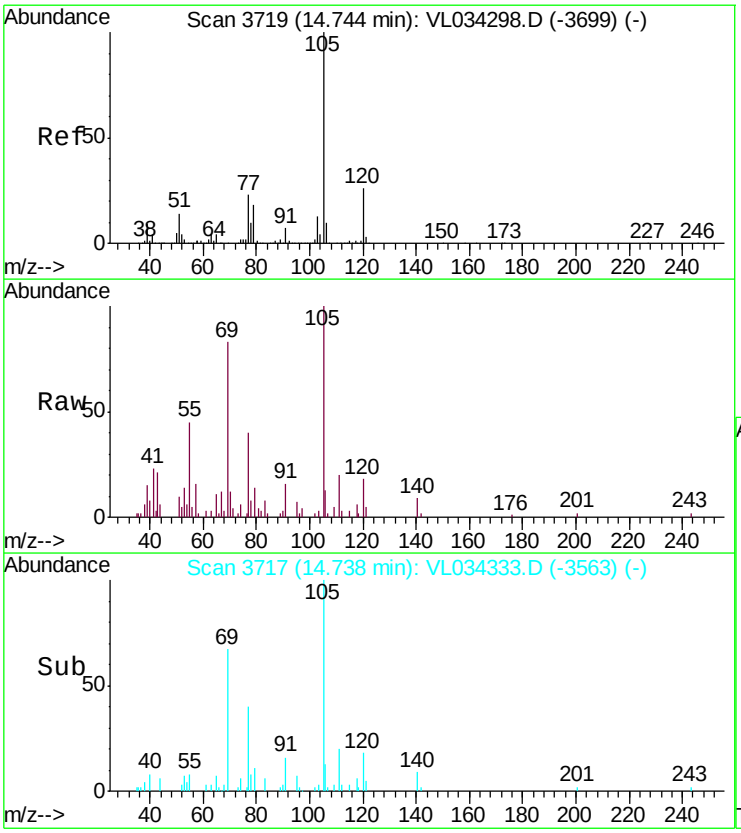
#61
Styrene
Concen: 0.085 ppbv
RT: 13.60 min Scan# 3362
Delta R.T. -0.00 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Instrument : MSVOA_L
ClientSampleId : SV4

Tgt Ion:104 Resp: 13061

Ion	Ratio	Lower	Upper
104	100		
78	114.9	47.8	71.8#
103	89.6	39.0	58.6#

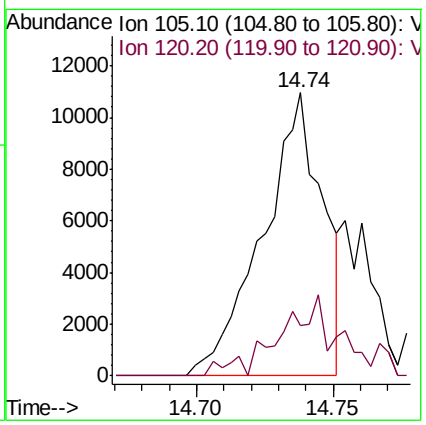


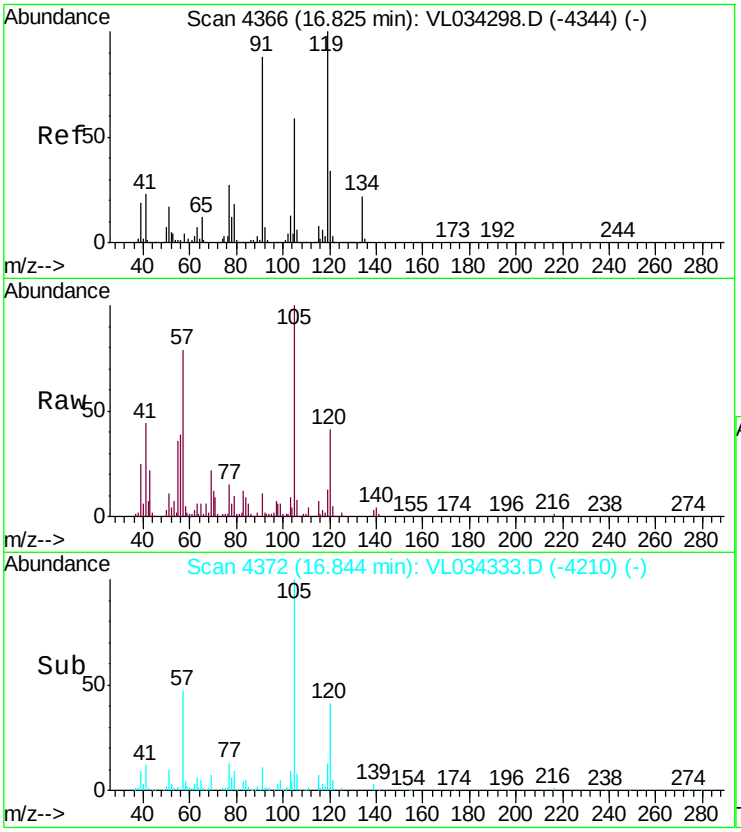


#62
Isopropylbenzene
Concen: 0.058 ppbv
RT: 14.74 min Scan# 3717
Delta R.T. -0.01 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Tgt Ion:105 Resp: 16725

Ion	Ratio	Lower	Upper
105	100		
120	29.8	20.8	31.2



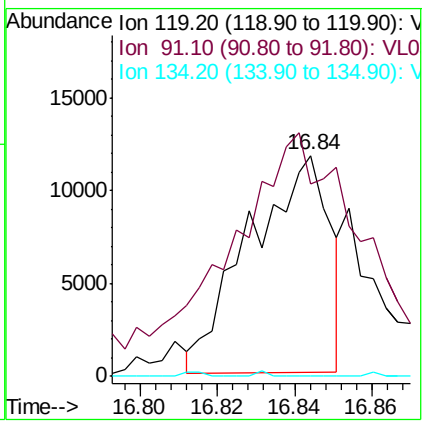


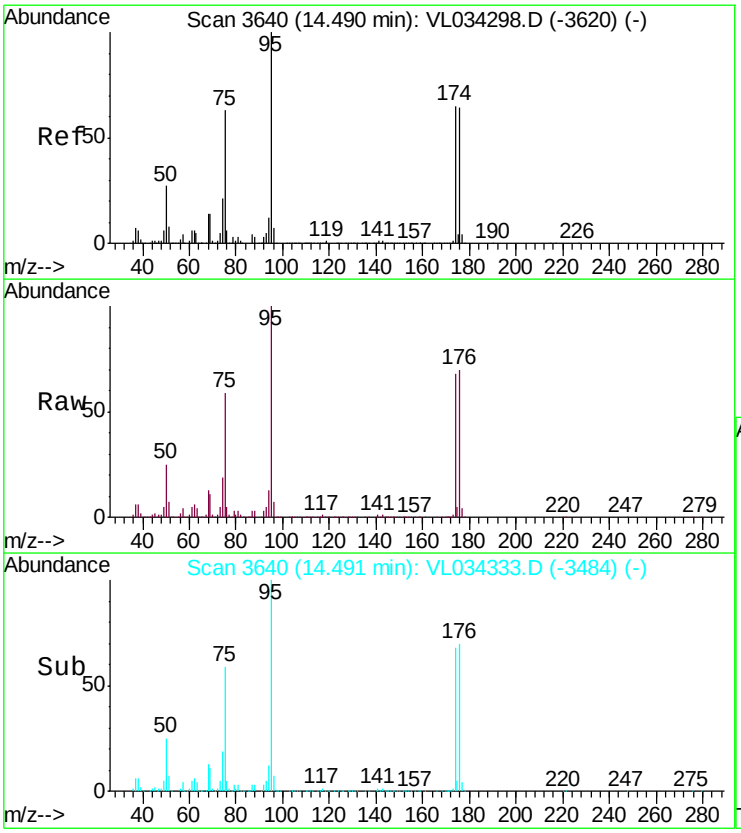
#65
tert-Butylbenzene
Concen: 0.066 ppbv
RT: 16.84 min Scan# 4372
Delta R.T. 0.02 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Instrument :
MSVOA_L
ClientSampleId :
SV4

Tgt Ion:119 Resp: 16866

Ion	Ratio	Lower	Upper
119	100		
91	181.0	71.4	107.0#
134	0.4	15.9	23.9#

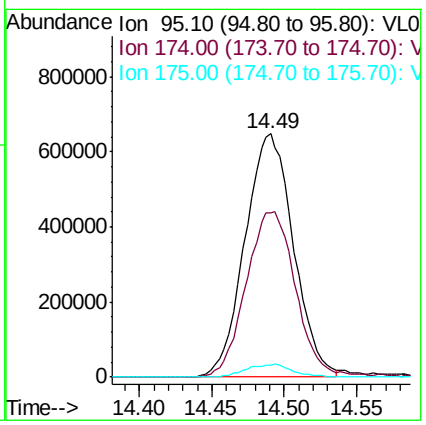


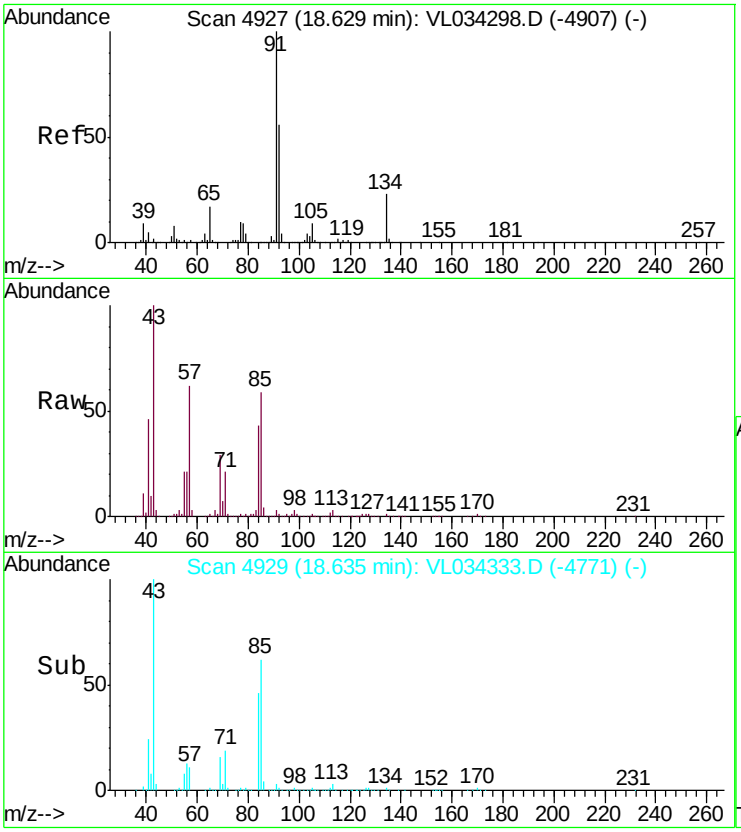


#68
1-Bromo-4-Fluorobenzene
Concen: 9.753 ppbv
RT: 14.49 min Scan# 3640
Delta R.T. 0.00 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Tgt Ion: 95 Resp: 1501336

Ion	Ratio	Lower	Upper
95	100		
174	70.9	52.6	78.8
175	5.2	3.8	5.6



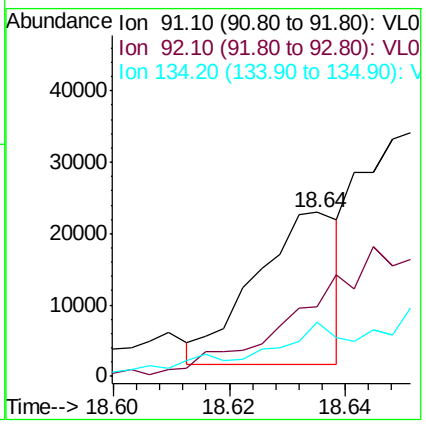


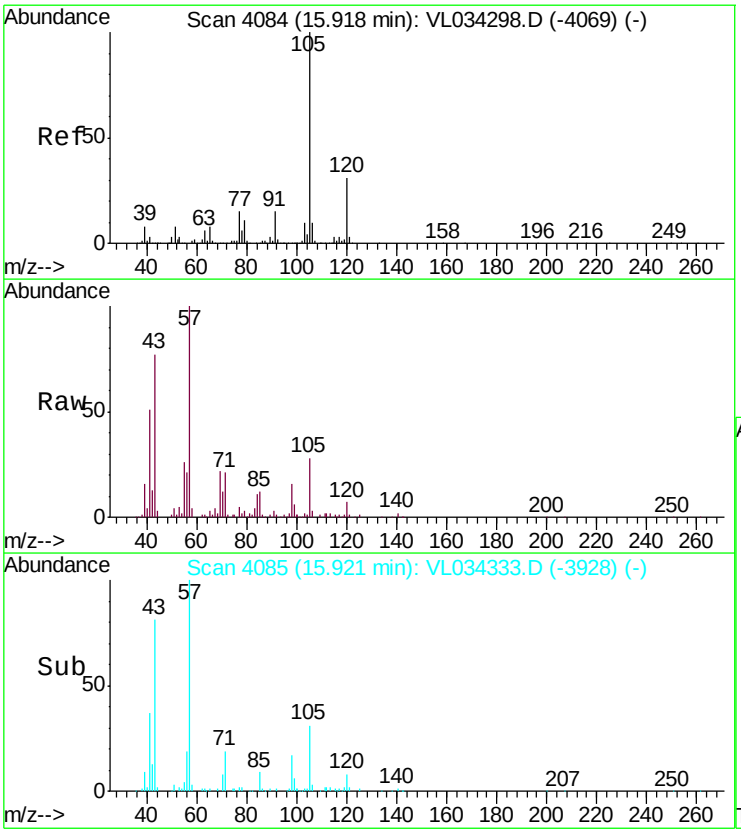
#70
n-Butylbenzene
Concen: 0.067 ppbv
RT: 18.64 min Scan# 4929
Delta R.T. 0.01 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Instrument :
MSVOA_L
ClientSampleId :
SV4

Tgt Ion: 91 Resp: 21477

Ion	Ratio	Lower	Upper
91	100		
92	0.0	44.5	66.7#
134	0.0	18.2	27.2#

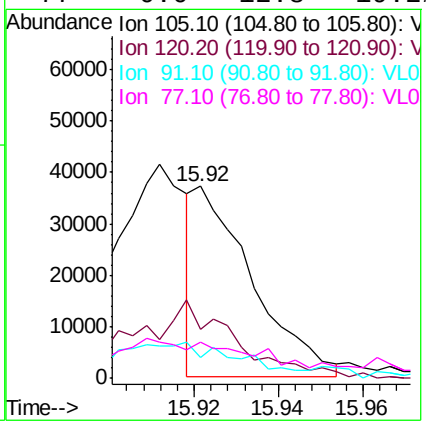


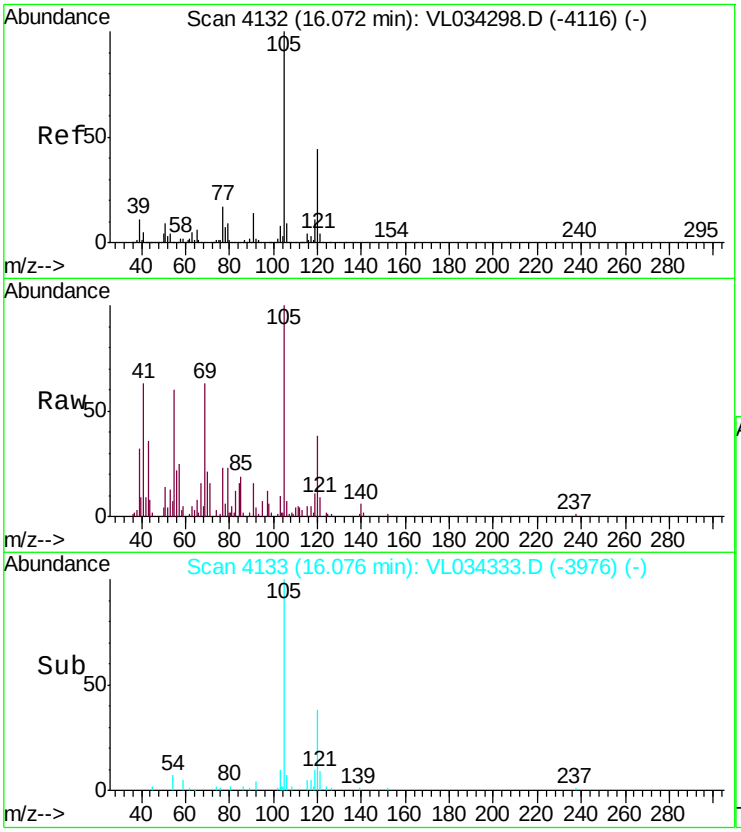


#72
4-Ethyltoluene
Concen: 0.142 ppbv
RT: 15.92 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Tgt Ion:105 Resp: 35080

Ion	Ratio	Lower	Upper
105	100		
120	77.4	23.8	35.8#
91	34.6	11.2	16.8#
77	0.0	12.8	19.2#



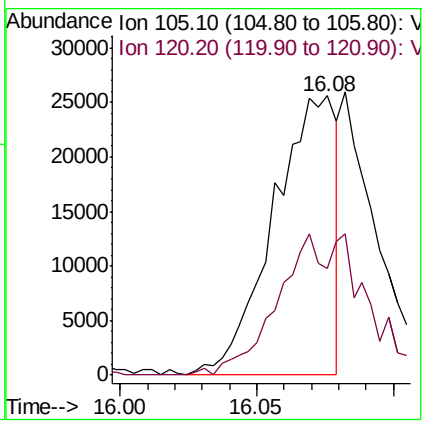


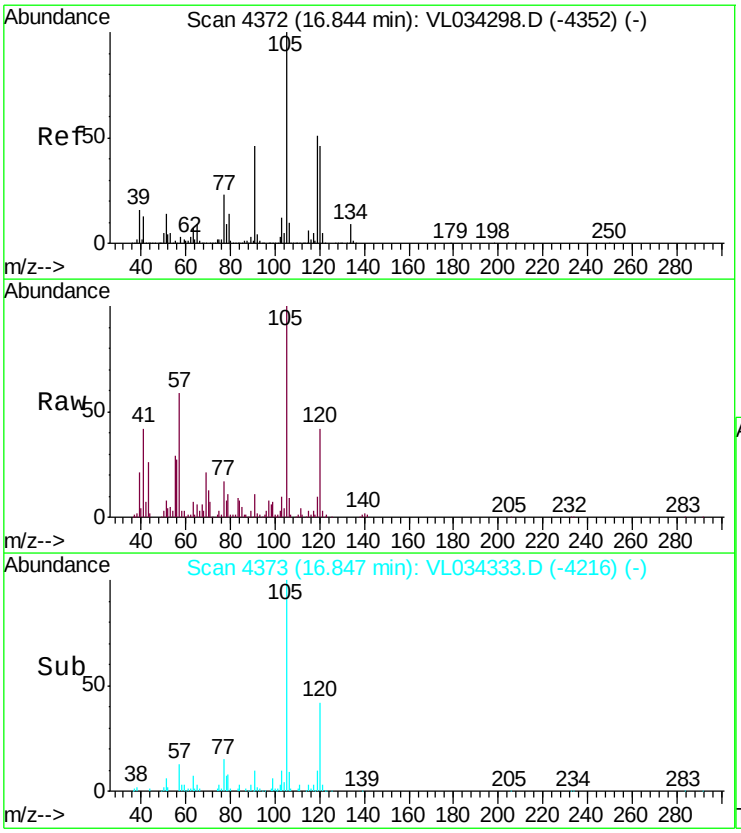
#73
1,3,5-Trimethylbenzene
Concen: 0.167 ppbv
RT: 16.08 min Scan# 4133
Delta R.T. 0.00 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Instrument :
MSVOA_L
ClientSampleId :
SV4

Tgt Ion:105 Resp: 40886

Ion	Ratio	Lower	Upper
105	100		
120	38.5	35.2	52.8

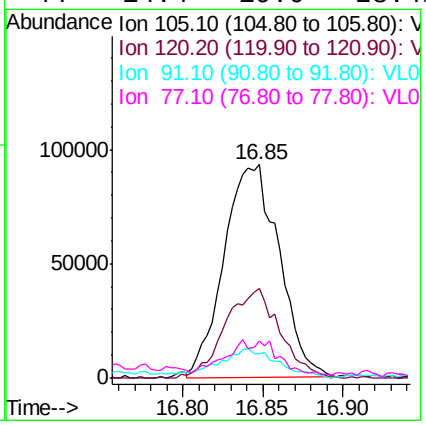


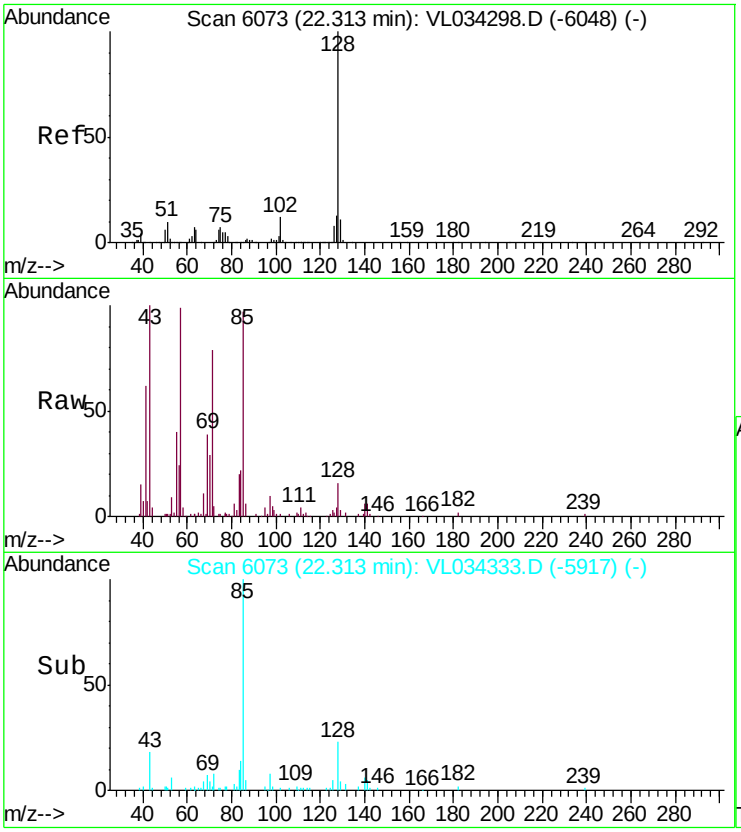


#74
1,2,4-Trimethylbenzene
Concen: 0.860 ppbv
RT: 16.85 min Scan# 4373
Delta R.T. 0.00 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Tgt Ion:105 Resp: 219036

Ion	Ratio	Lower	Upper
105	100		
120	41.7	37.0	55.6
91	10.9	38.2	57.2#
77	14.4	19.0	28.4#



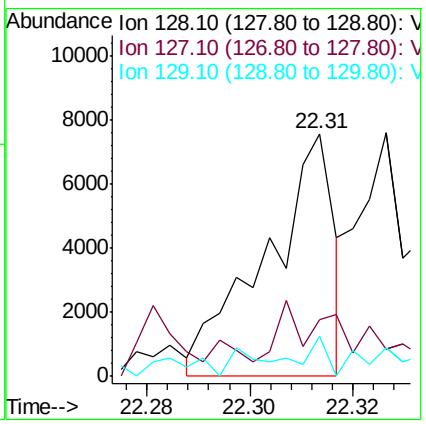


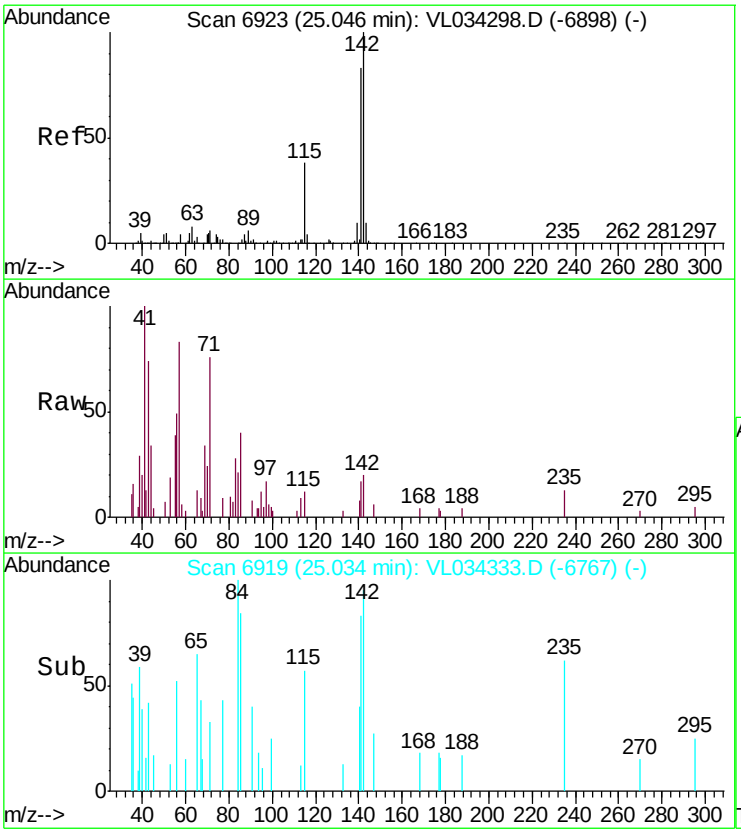
#79
Naphthalene
Concen: 0.037 ppbv
RT: 22.31 min Scan# 6073
Delta R.T. 0.00 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Instrument :
MSVOA_L
ClientSampleId :
SV4

Tgt Ion:128 Resp: 6888

Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.2	15.4
129	15.1	8.9	13.3#





#80
Naphthalene,2-methyl-
Concen: 0.033 ppbv
RT: 25.03 min Scan# 6919
Delta R.T. -0.01 min
Lab File: VL034333.D
Acq: 18 Oct 2019 2:00

Tgt Ion:142 Resp: 1790

Ion	Ratio	Lower	Upper
142	100		
141	124.2	65.7	98.5#
115	62.7	30.9	46.3#