Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL123019\
Data File : VL034533.D
Acq On : 31 Dec 2019 5:06
Operator : SY/AP
Sample : K6470-03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 29-1

Quant Time: Dec 31 06:15:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL123019AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Dec 30 14:58:50 2019
QLast Update : Mon Dec 30 14:58:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	884224	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1784620	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	1816487	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.47	95	1558768	10.28	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.80%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.96	51	109877	1.043	ppbv #	84
4) Chloromethane	3.11	50	34542	0.552	ppbv	98
6) Bromomethane	3.45	94	1647	0.054	ppbv #	39
7) Chloroethane	3.54	64	475	0.022	ppbv #	43
9) Propene	3.18	41	187106	4.607	ppbv	94
10) Heptane	8.14	43	21965	0.209	ppbv #	50
11) Trichlorofluoromethane	3.93	101	41240	0.256	ppbv	87
12) 1,1,2-Trichlorotrifluoroet	4.47	101	5265	0.051	ppbv #	42
13) Ethanol	3.60	45	3189706	283.029	ppbv	99
15) Acetone	3.83	43	3625172	28.092	ppbv	97
16) 1,3-Butadiene	3.28	39	44809	0.903	ppbv #	33
17) tert-Butyl alcohol	4.30	59	428793	4.150	ppbv	98
19) Isopropyl Alcohol	3.97	45	566303	6.779	ppbv #	1
20) Methylene Chloride	4.33	84	41761	0.822	ppbv	93
23) Vinyl Acetate	5.07	43	6523	0.044	ppbv #	1
25) Ethyl Acetate	5.69	43	119817	0.595	ppbv	97
26) Hexane	5.69	57	83157	0.979	ppbv #	61
27) Carbon Disulfide	4.54	76	29882	0.278	ppbv #	72
29) Chloroform	5.77	83	2986	0.020	ppbv	90
30) Cyclohexane	7.14	84	3486	0.055	ppbv #	1
34) 2-Butanone	5.25	43	175575	1.377	ppbv	98
35) Carbon Tetrachloride	7.04	117	5839	0.036	ppbv #	41
36) Benzene	6.91	78	121416	0.780	ppbv	98
38) Trichloroethene	7.86	130	1948	0.031	ppbv #	9
39) 1,2-Dichloropropane	7.20	63	527594	8.248	ppbv #	22
41) Tetrahydrofuran	6.06	42	2848	0.044	ppbv #	4
44) 2,2,4-Trimethylpentane	7.89	57	81763	0.284	ppbv #	73
50) 4-Methyl-2-Pentanone	8.77	43	192486	1.040	ppbv	97
51) 2-Hexanone	10.17	43	4235	0.028	ppbv #	56
53) Toluene	9.84	91	357511	2.092	ppbv	97
58) Ethyl Benzene	12.76	91	71108	0.290	ppbv	97
59) m/p-Xylene	13.01	91	438525	2.047	ppbv	98
60) o-Xylene	13.74	91	75779	0.353	ppbv	97
61) Styrene	13.57	104	5144	0.035	ppbv #	24
62) Isopropylbenzene	14.72	105	5874	0.021	ppbv #	1
64) n-propylbenzene	15.61	120	3805	0.053	ppbv #	1
65) tert-Butylbenzene	16.81	119	16918	0.067	ppbv #	16
70) n-Butylbenzene	18.61	91	12124	0.039	ppbv #	1
72) 4-Ethyltoluene	15.90	105	114682	0.477	ppbv #	95
73) 1,3,5-Trimethylbenzene	16.05	105	127645	0.541	ppbv #	81
74) 1,2,4-Trimethylbenzene	16.82	105	423078	1.676	ppbv #	67

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL123019\
Data File : VL034533.D
Acq On : 31 Dec 2019 5:06
Operator : SY/AP
Sample : K6470-03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 29-1

Quant Time: Dec 31 06:15:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL123019AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Dec 30 14:58:50 2019
QLast Update : Mon Dec 30 14:58:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
79) Naphthalene	22.29	128	12830	0.067	ppbv		97
80) Naphthalene,2-methyl-	25.03	142	15813	0.300	ppbv	#	87

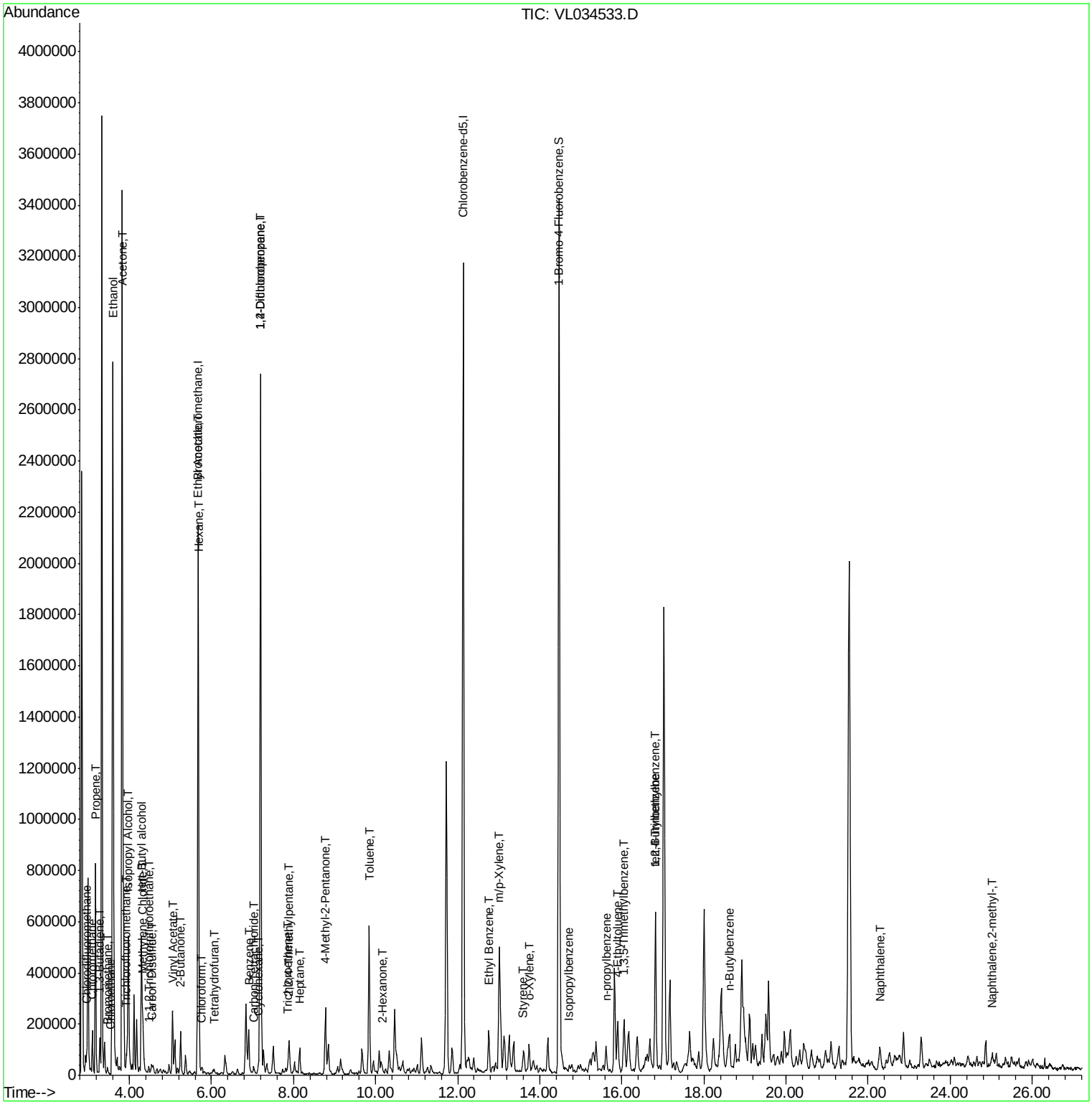
(#) = qualifier out of range (m) = manual integration (+) = signals summed

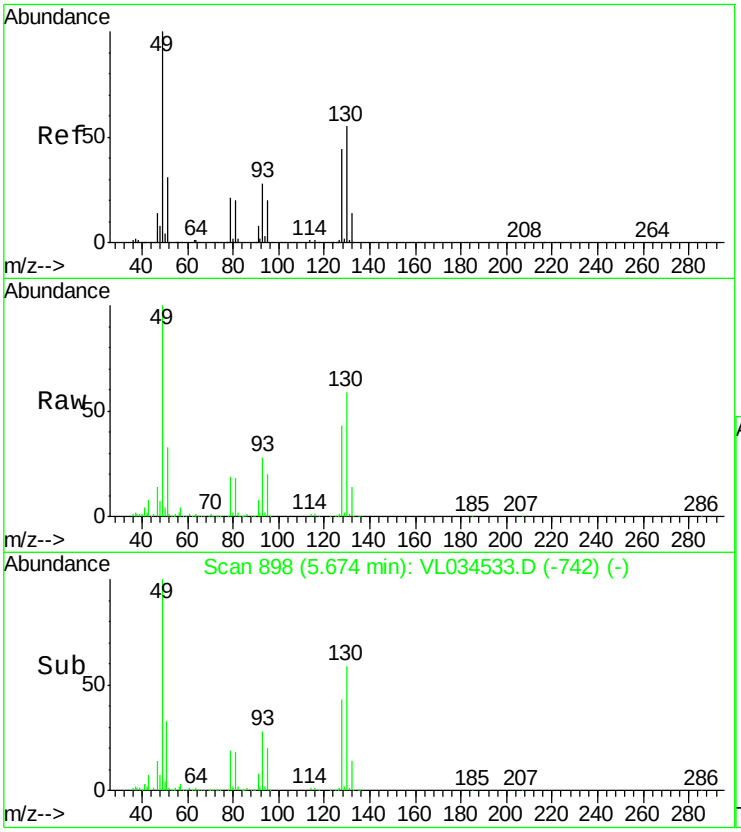
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL123019\
Data File : VL034533.D
Acq On : 31 Dec 2019 5:06
Operator : SY/AP
Sample : K6470-03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 29-1

Quant Time: Dec 31 06:15:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL123019AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Dec 30 14:58:50 2019
QLast Update : Mon Dec 30 14:58:50 2019
Response via : Initial Calibration



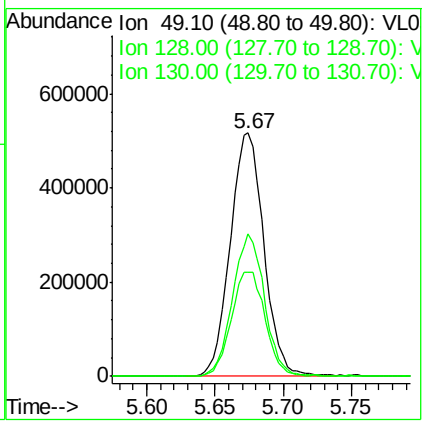


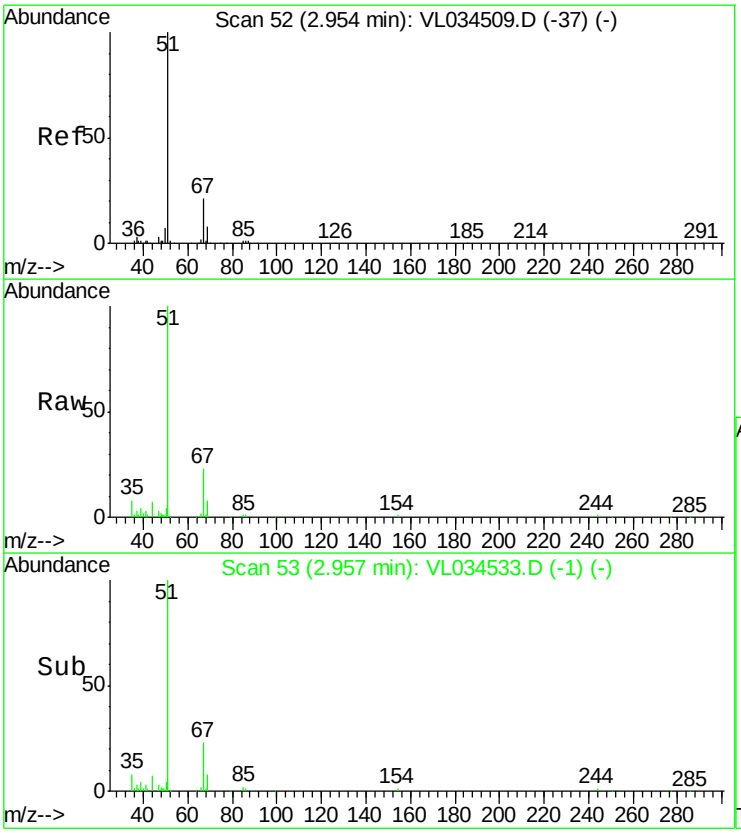
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.00 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Instrument :
MSVOA_L
ClientSampleId :
29-1

Tgt Ion: 49 Resp: 884224

Ion	Ratio	Lower	Upper
49	100		
128	43.6	22.4	67.2
130	56.2	28.3	85.0

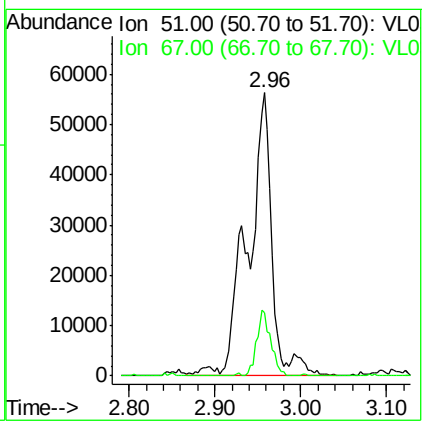


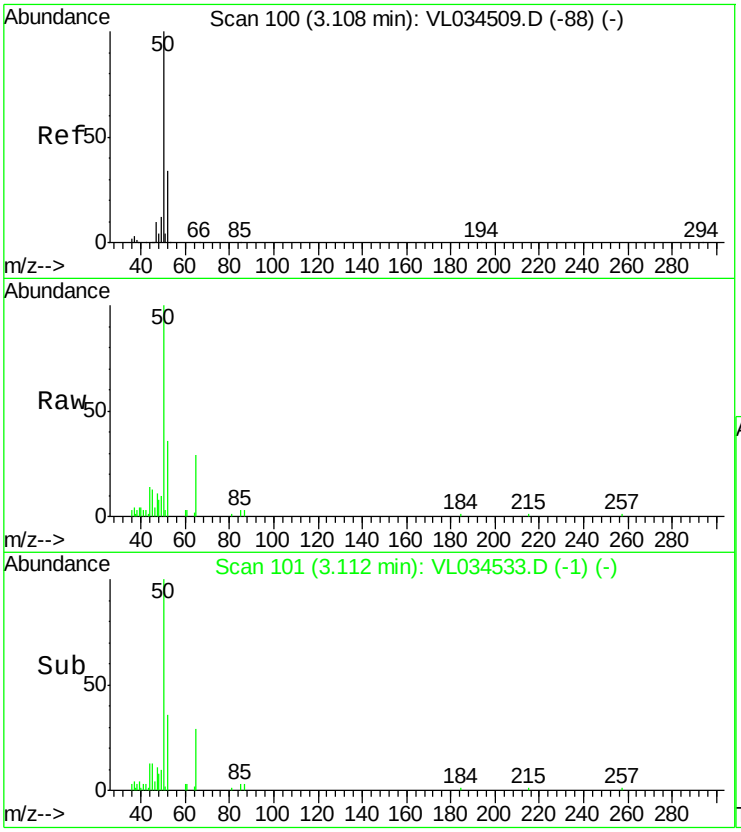


#3
Chlorodifluoromethane
Concen: 1.043 ppbv
RT: 2.96 min Scan# 53
Delta R.T. 0.00 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Tgt Ion: 51 Resp: 109877

Ion	Ratio	Lower	Upper
51	100		
67	13.5	16.8	25.2#



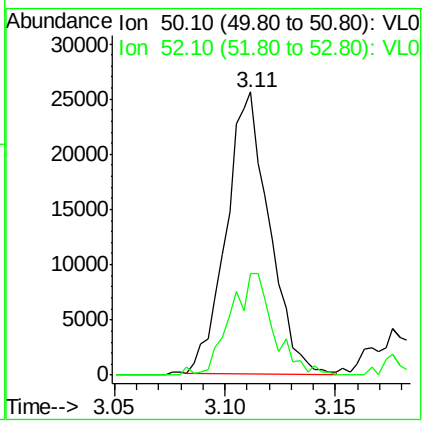


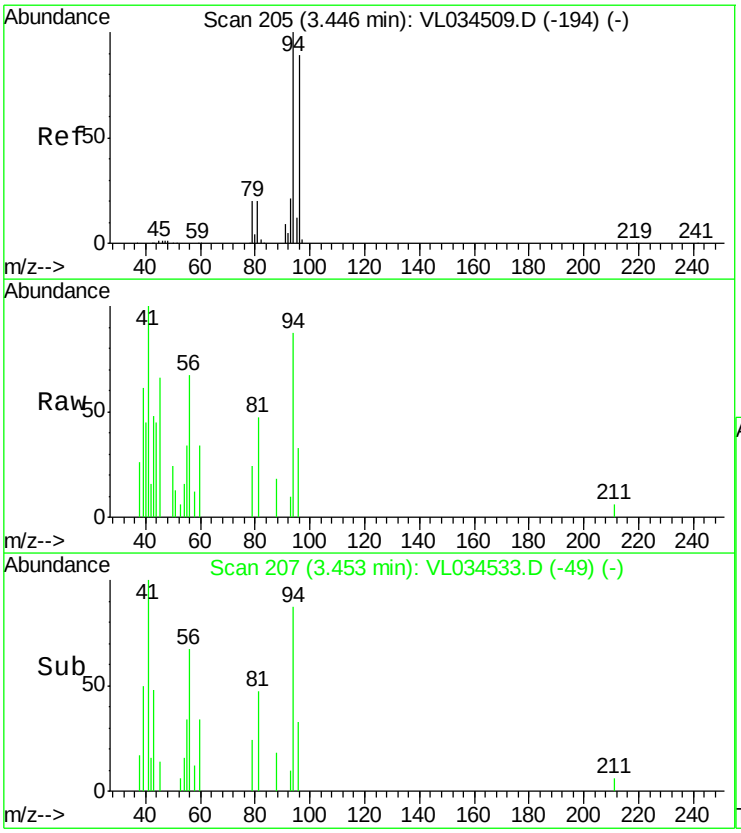
#4
Chloromethane
Concen: 0.552 ppbv
RT: 3.11 min Scan# 101
Delta R.T. 0.00 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Instrument : MSVOA_L
ClientSampleId : 29-1

Tgt Ion: 50 Resp: 34542

Ion	Ratio	Lower	Upper
50	100		
52	35.9	27.6	41.4

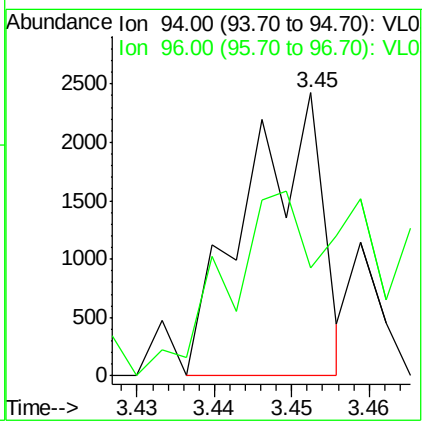


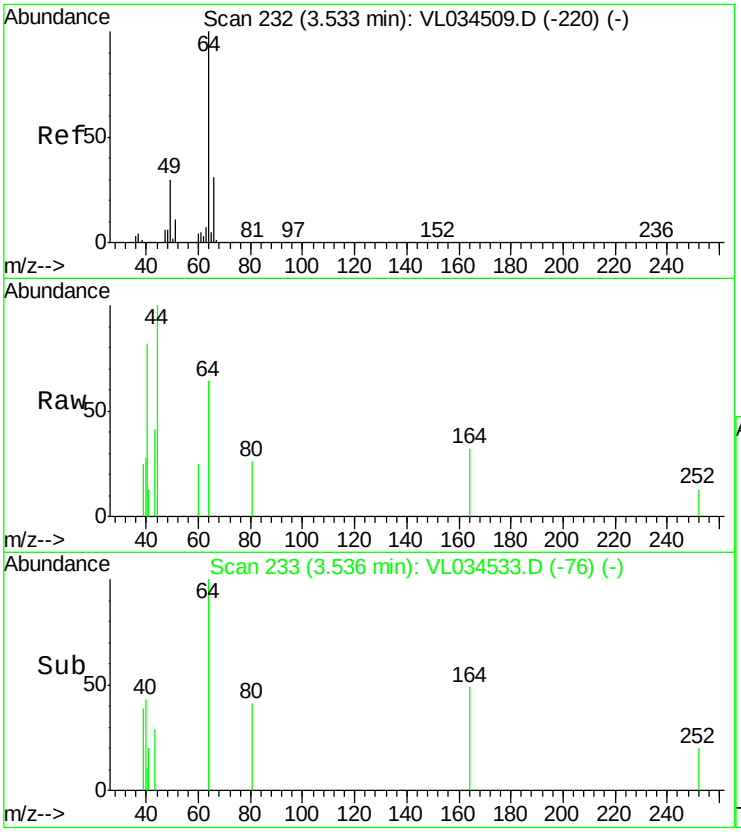


#6
Bromomethane
Concen: 0.054 ppbv
RT: 3.45 min Scan# 207
Delta R.T. 0.01 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Tgt Ion: 94 Resp: 1647

Ion	Ratio	Lower	Upper
94	100		
96	31.4	71.2	106.8#



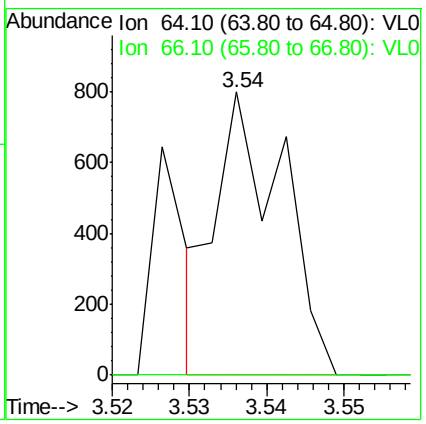


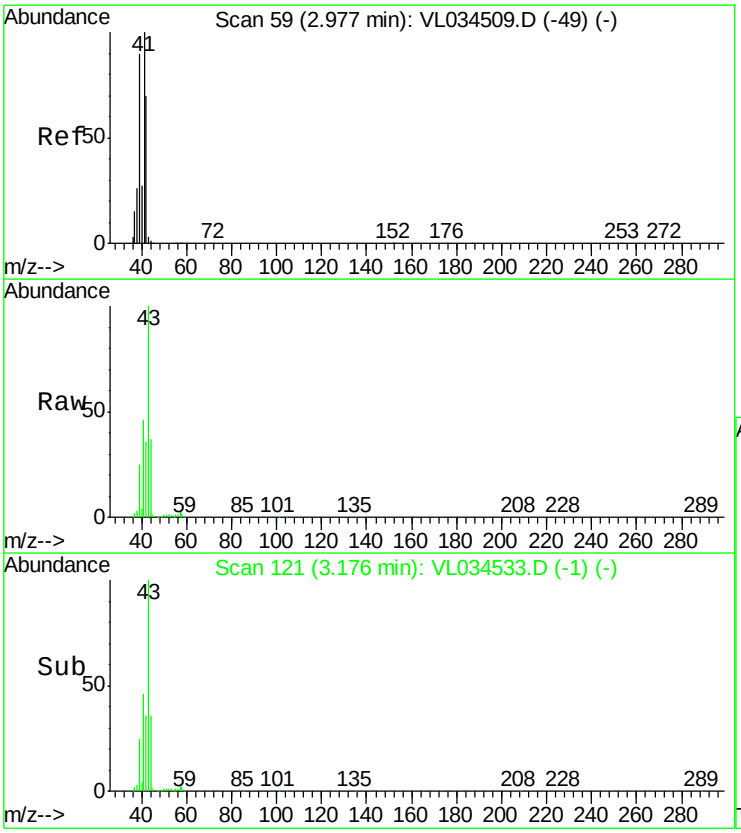
#7
Chloroethane
Concen: 0.022 ppbv
RT: 3.54 min Scan# 233
Delta R.T. 0.00 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Instrument : MSVOA_L
ClientSampleId : 29-1

Tgt Ion: 64 Resp: 475

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.0	37.4#

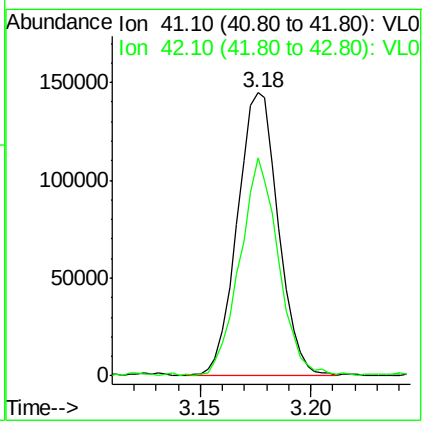


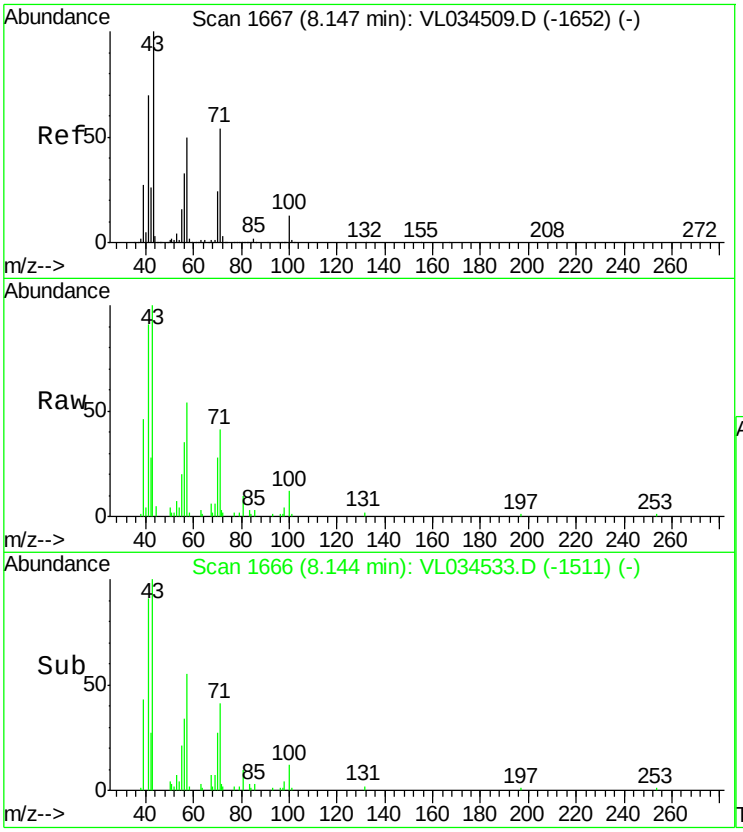


#9
Propene
Concen: 4.607 ppbv
RT: 3.18 min Scan# 121
Delta R.T. 0.20 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Tgt Ion: 41 Resp: 187106

Ion	Ratio	Lower	Upper
41	100		
42	74.3	55.8	83.6



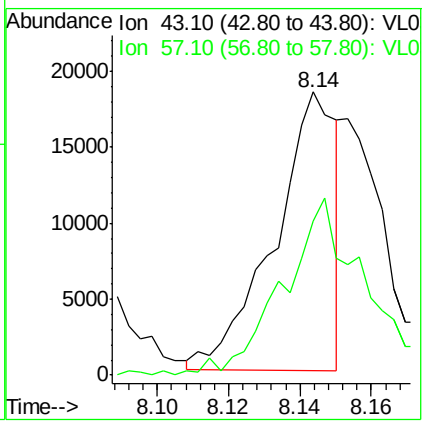


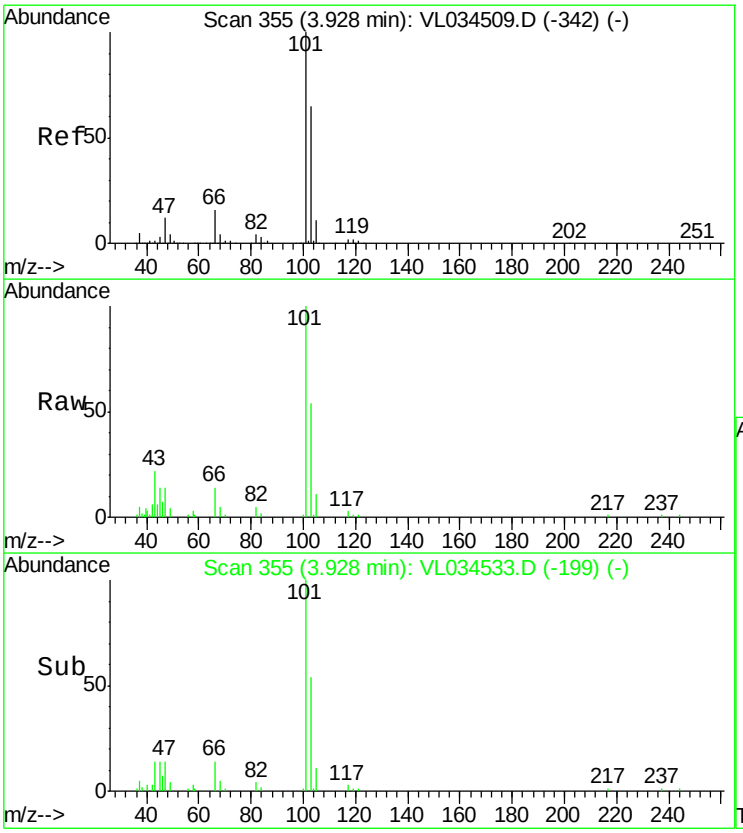
#10
Heptane
Concen: 0.209 ppbv
RT: 8.14 min Scan# 1666
Delta R.T. -0.00 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Instrument : MSVOA_L
ClientSampleId : 29-1

Tgt Ion: 43 Resp: 21965

Ion	Ratio	Lower	Upper
43	100		
57	86.2	41.0	61.6#

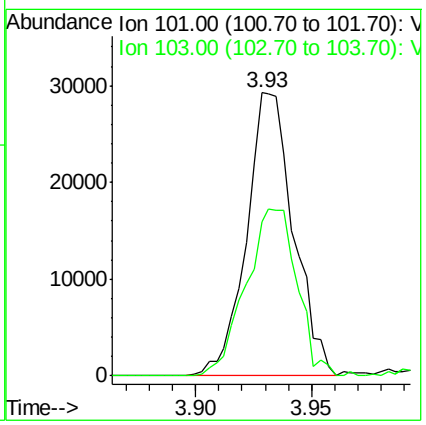


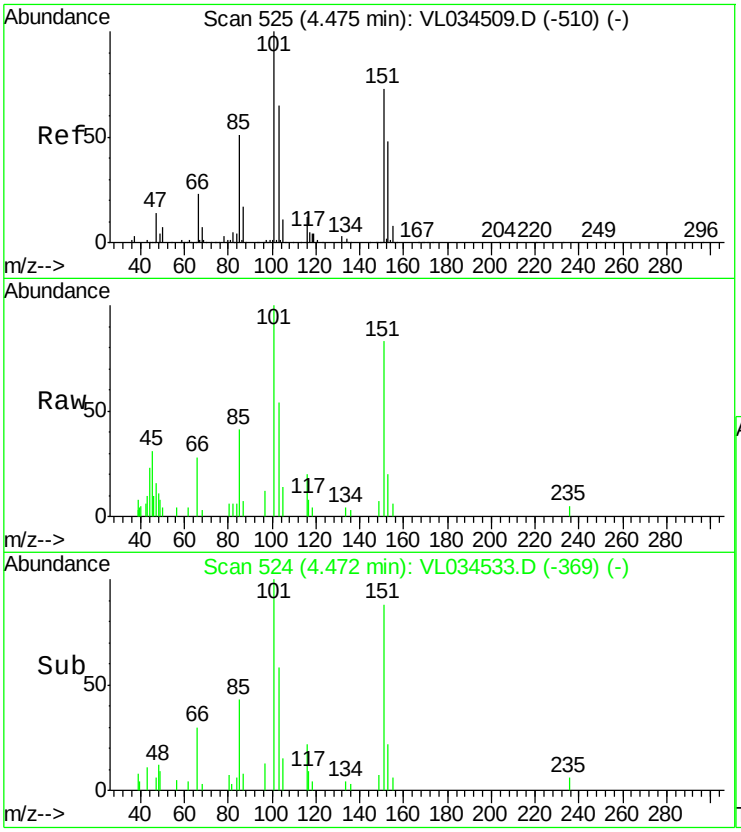


#11
Trichlorofluoromethane
Concen: 0.256 ppbv
RT: 3.93 min Scan# 355
Delta R.T. 0.00 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Tgt Ion:101 Resp: 41240

Ion	Ratio	Lower	Upper
101	100		
103	54.5	52.1	78.1



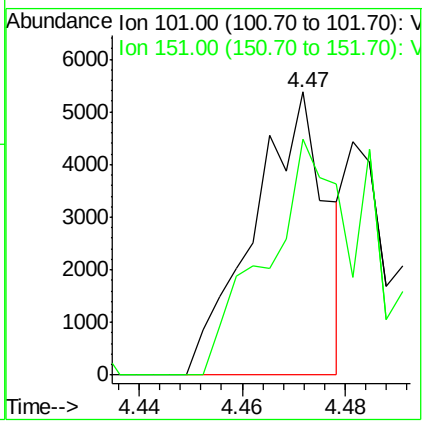


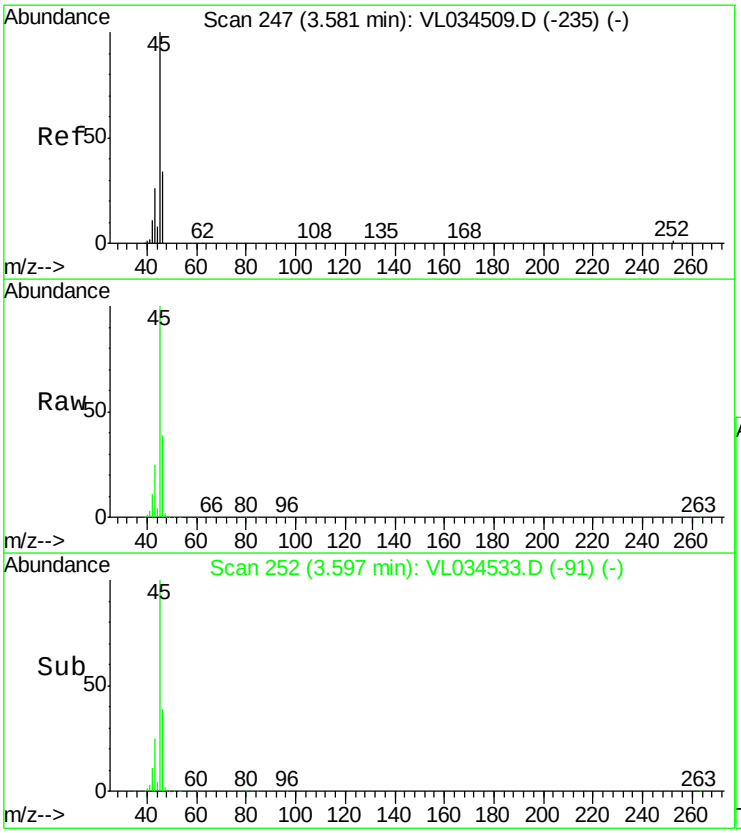
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.051 ppbv
RT: 4.47 min Scan# 524
Delta R.T. -0.00 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Instrument : MSVOA_L
ClientSampleId : 29-1

Tgt Ion:101 Resp: 5265

Ion	Ratio	Lower	Upper
101	100		
151	120.9	57.8	86.6#

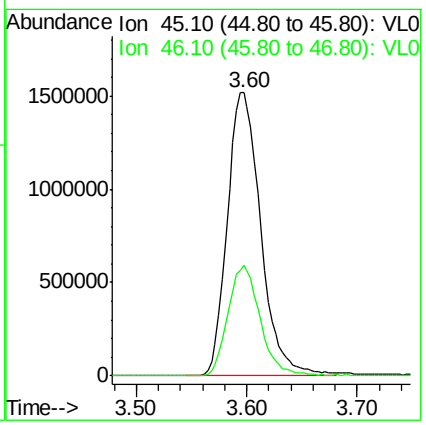


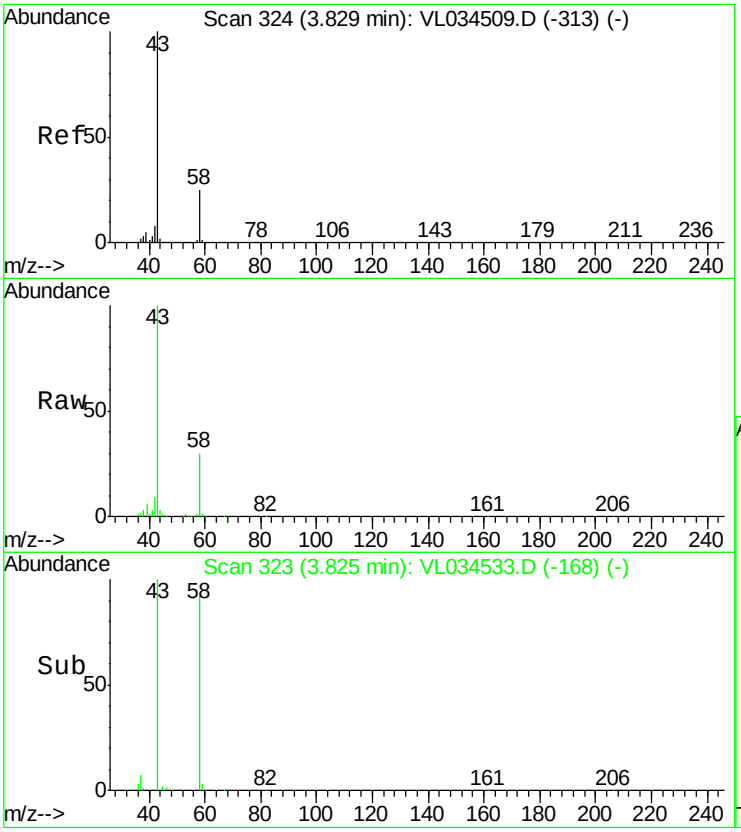


#13
Ethanol
Concen: 283.029 ppbv
RT: 3.60 min Scan# 252
Delta R.T. 0.02 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Tgt Ion: 45 Resp: 3189706

Ion	Ratio	Lower	Upper
45	100		
46	37.9	14.9	59.7



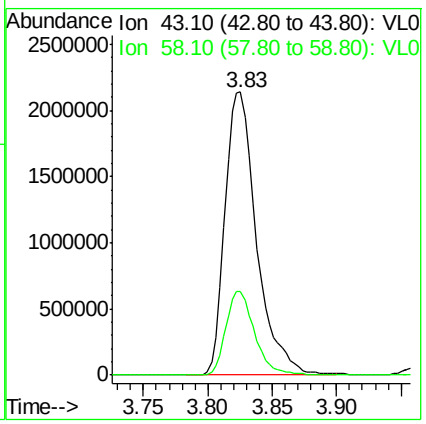


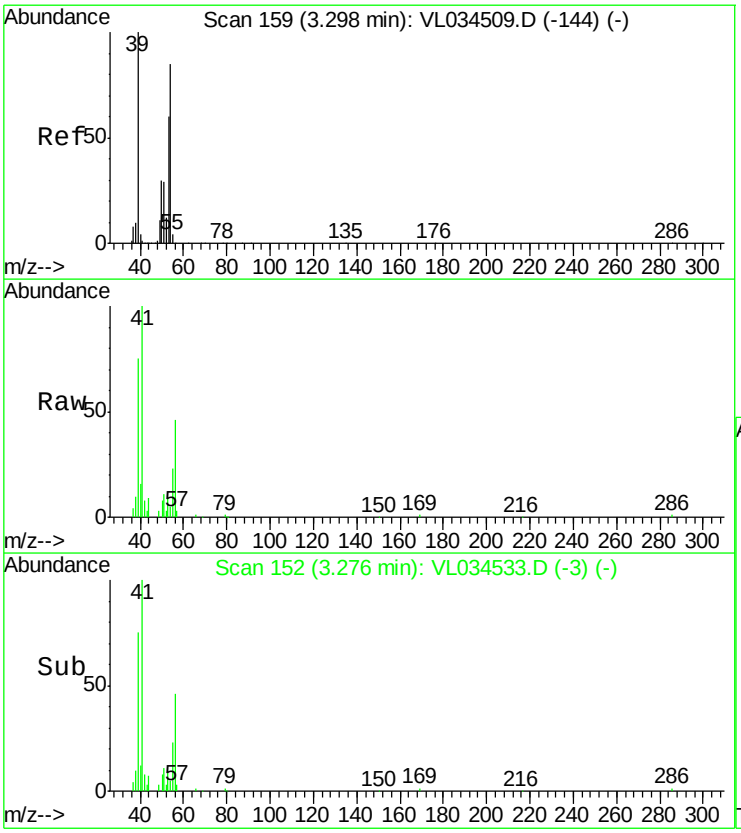
#15
Acetone
Concen: 28.092 ppbv
RT: 3.83 min Scan# 323
Delta R.T. -0.00 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Instrument : MSVOA_L
ClientSampleId : 29-1

Tgt Ion: 43 Resp: 3625172

Ion	Ratio	Lower	Upper
43	100		
58	27.2	20.4	30.6

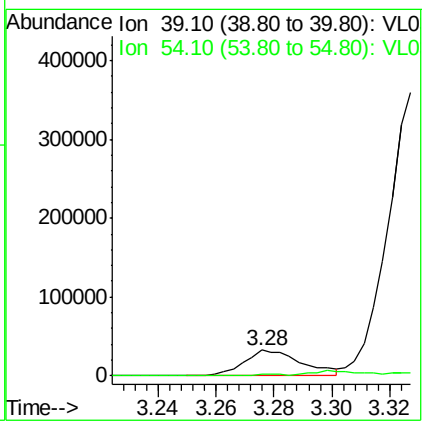


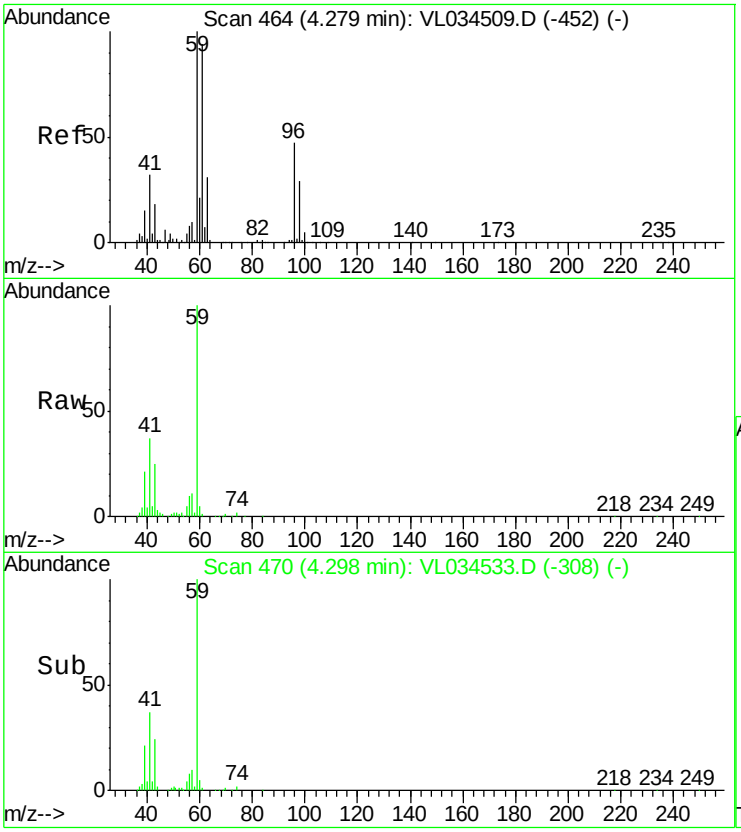


#16
1,3-Butadiene
Concen: 0.903 ppbv
RT: 3.28 min Scan# 152
Delta R.T. -0.02 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Tgt Ion: 39 Resp: 44809

Ion	Ratio	Lower	Upper
39	100		
54	22.7	66.2	99.2#



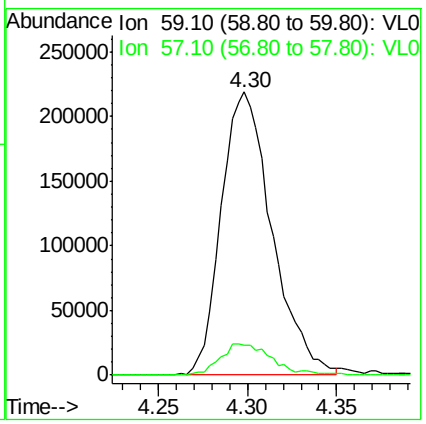


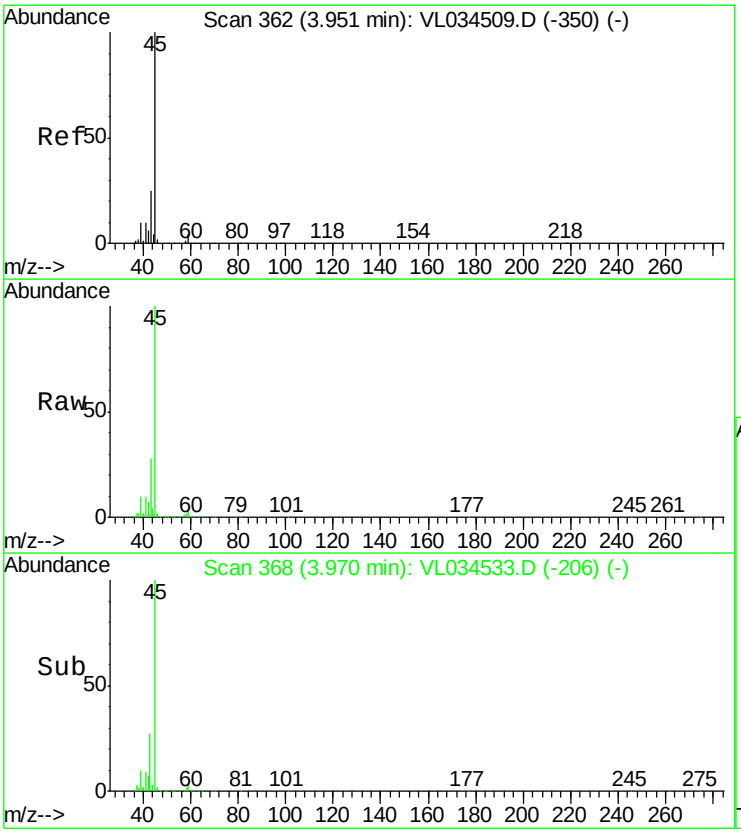
#17
tert-Butyl alcohol
Concen: 4.150 ppbv
RT: 4.30 min Scan# 470
Delta R.T. 0.02 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Instrument :
MSVOA_L
ClientSampleId :
29-1

Tgt Ion: 59 Resp: 428793

Ion	Ratio	Lower	Upper
59	100		
57	11.5	8.6	12.8

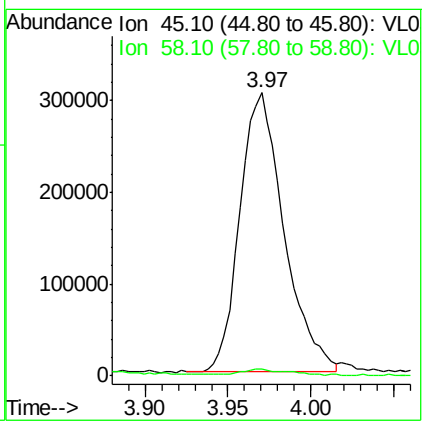


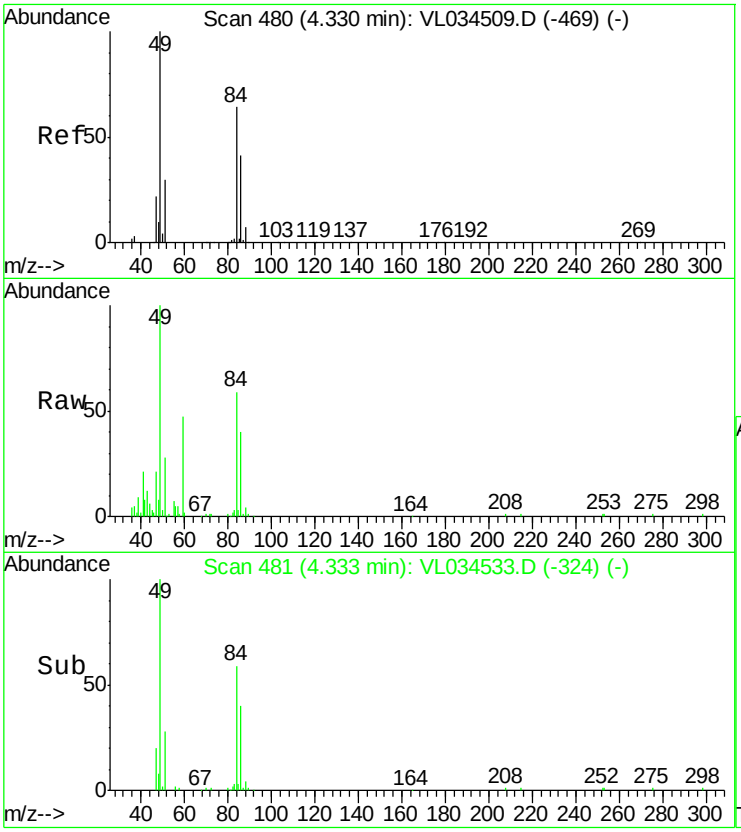


#19
Isopropyl Alcohol
Concen: 6.779 ppbv
RT: 3.97 min Scan# 368
Delta R.T. 0.02 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Tgt Ion: 45 Resp: 566303

Ion	Ratio	Lower	Upper
45	100		
58	174.2	1.4	2.0#



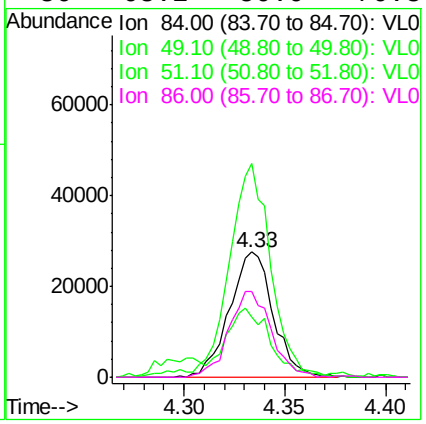


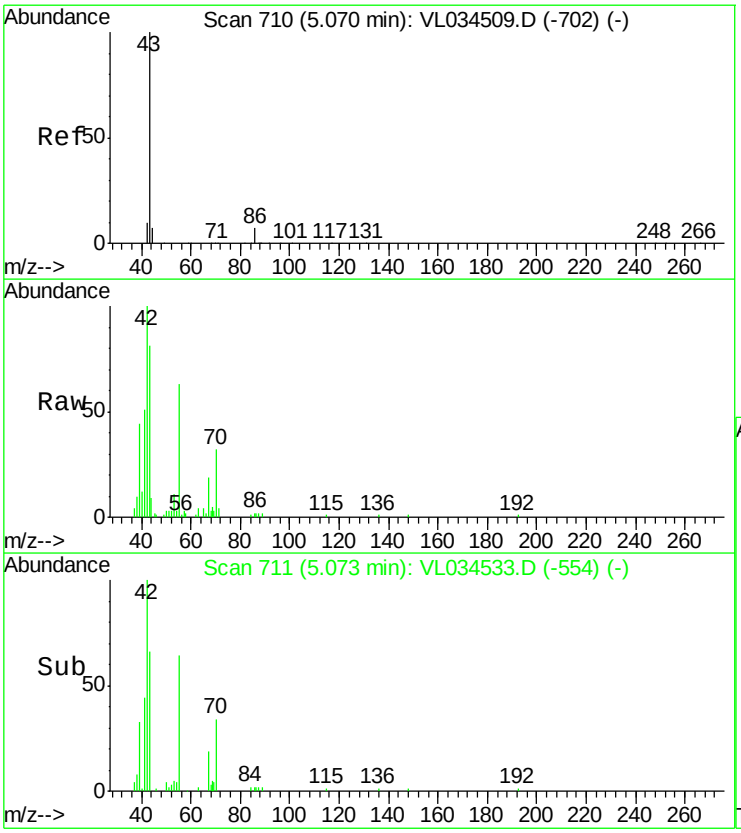
#20
Methylene Chloride
Concen: 0.822 ppbv
RT: 4.33 min Scan# 481
Delta R.T. 0.00 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Instrument : MSVOA_L
ClientSampleId : 29-1

Tgt Ion: 84 Resp: 41761

Ion	Ratio	Lower	Upper
84	100		
49	166.7	124.4	186.6
51	47.1	37.0	55.6
86	68.2	50.9	76.3

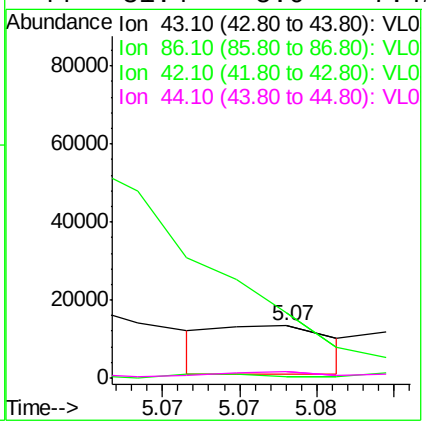


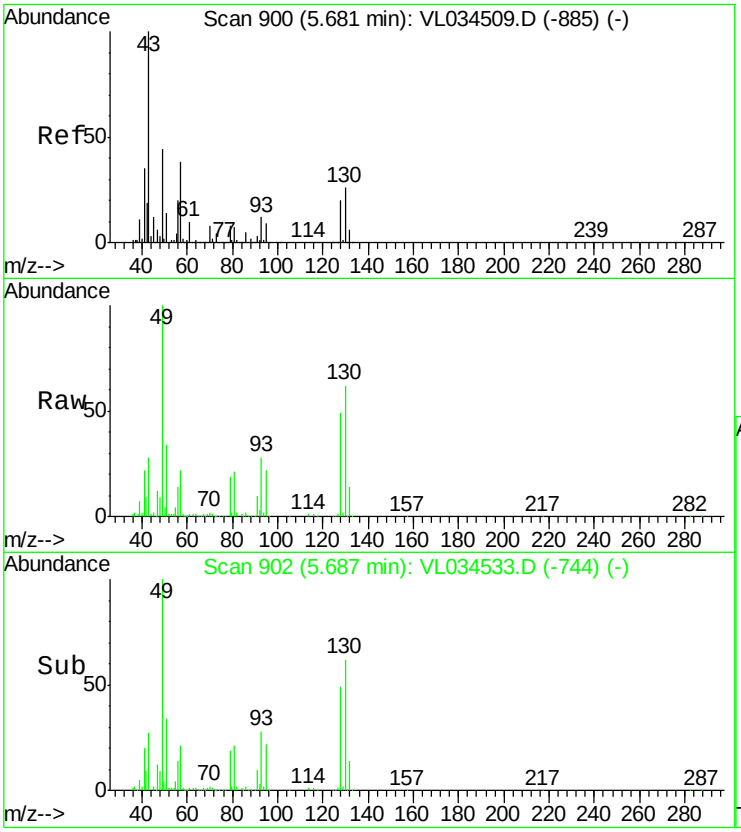


#23
Vinyl Acetate
Concen: 0.044 ppbv
RT: 5.07 min Scan# 711
Delta R.T. 0.00 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Tgt Ion: 43 Resp: 6523

Ion	Ratio	Lower	Upper
43	100		
86	1.2	5.4	8.2#
42	277.4	8.9	13.3#
44	31.4	5.0	7.4#



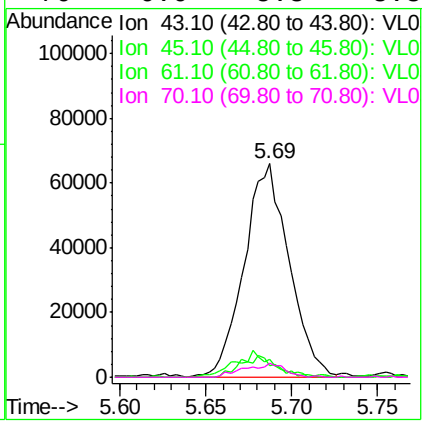


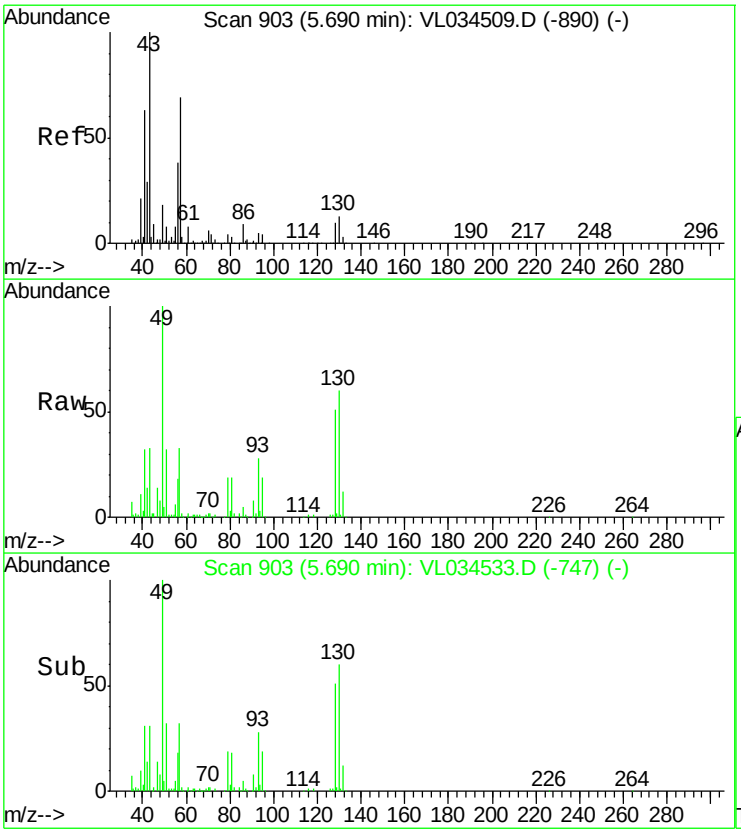
#25
Ethyl Acetate
Concen: 0.595 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.01 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Instrument : MSVOA_L
ClientSampleId : 29-1

Tgt Ion: 43 Resp: 119817

Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.3	12.5
61	8.1	7.8	11.6
70	6.0	5.8	8.8

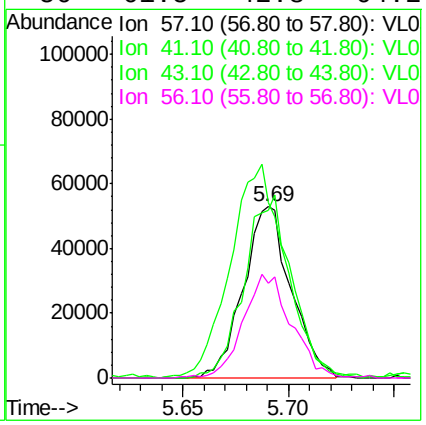


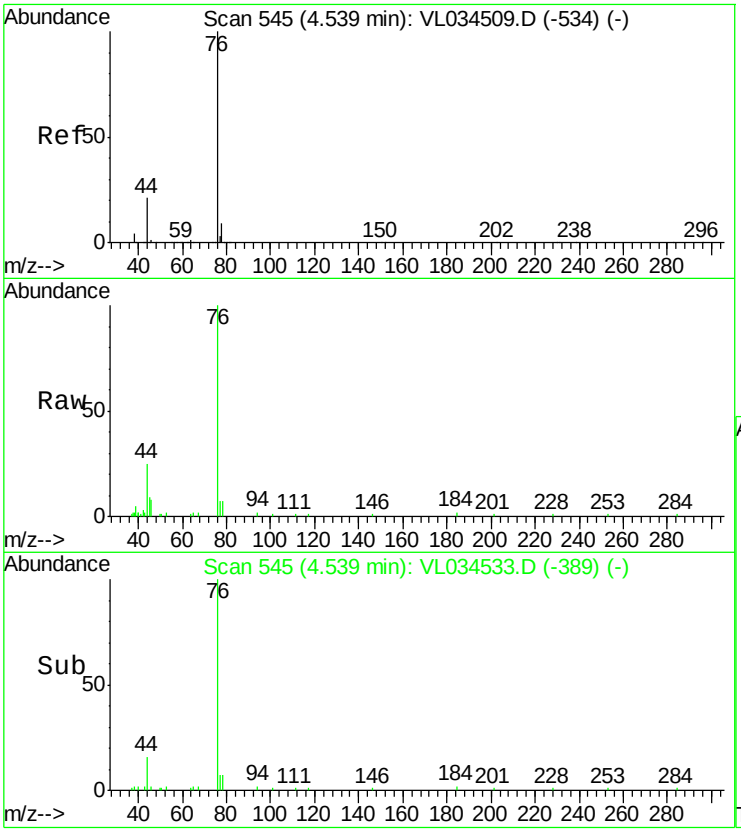


#26
Hexane
Concen: 0.979 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.00 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Tgt Ion: 57 Resp: 83157

Ion	Ratio	Lower	Upper
57	100		
41	107.5	75.3	112.9
43	143.7	189.4	284.2#
56	61.5	42.8	64.2



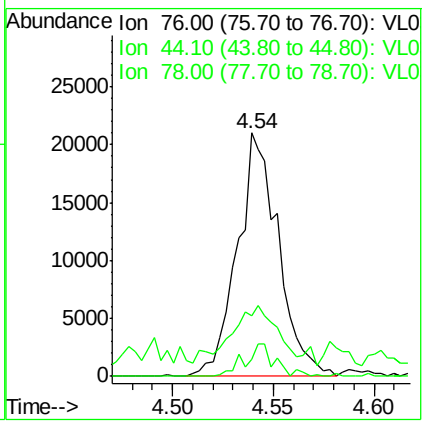


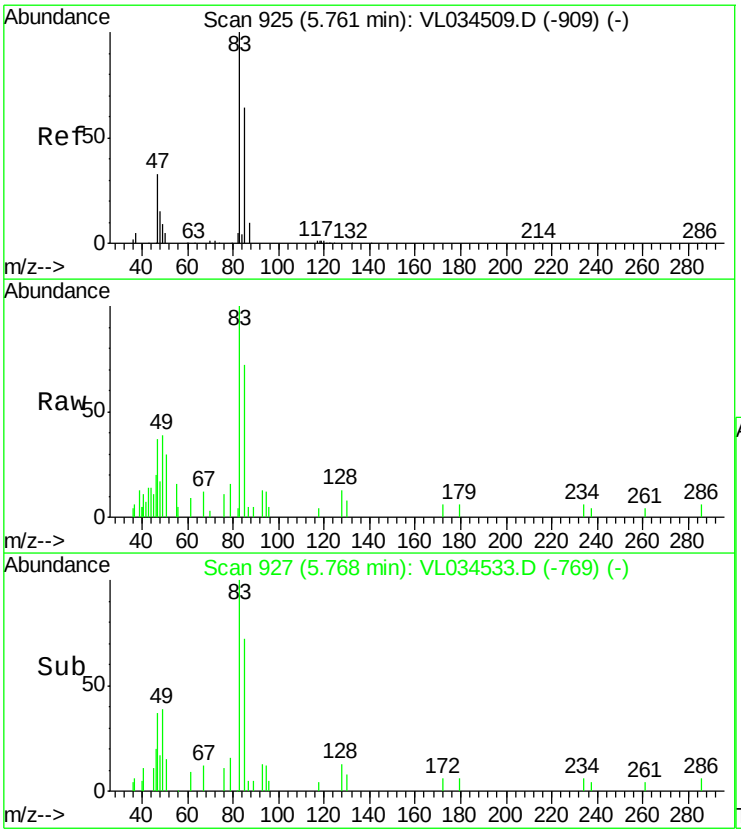
#27
Carbon Disulfide
Concen: 0.278 ppbv
RT: 4.54 min Scan# 545
Delta R.T. 0.00 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Instrument : MSVOA_L
ClientSampleId : 29-1

Tgt Ion: 76 Resp: 29882

Ion	Ratio	Lower	Upper
76	100		
44	39.3	16.6	25.0#
78	9.8	7.4	11.0

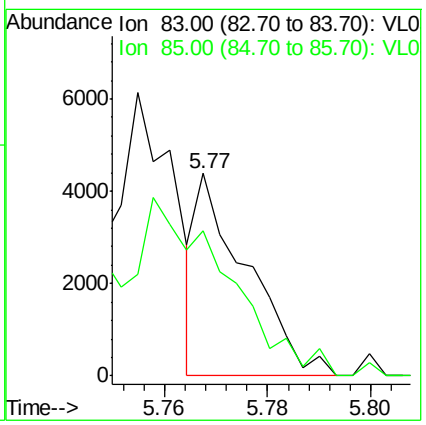


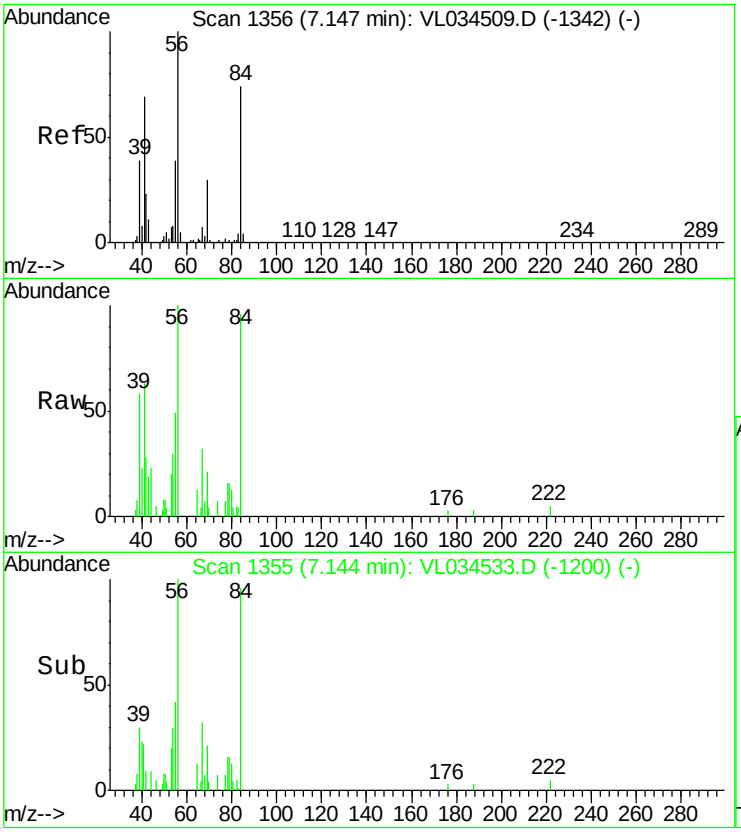


#29
Chloroform
Concen: 0.020 ppbv
RT: 5.77 min Scan# 927
Delta R.T. 0.01 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Tgt Ion: 83 Resp: 2986

Ion	Ratio	Lower	Upper
83	100		
85	71.6	51.0	76.6



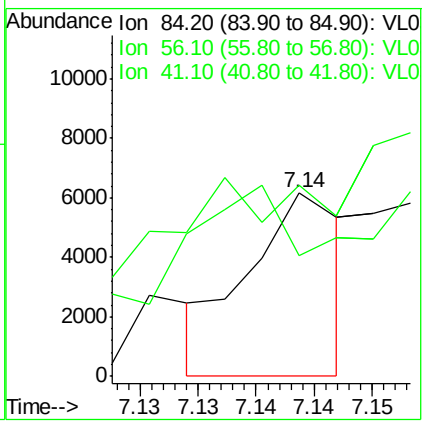


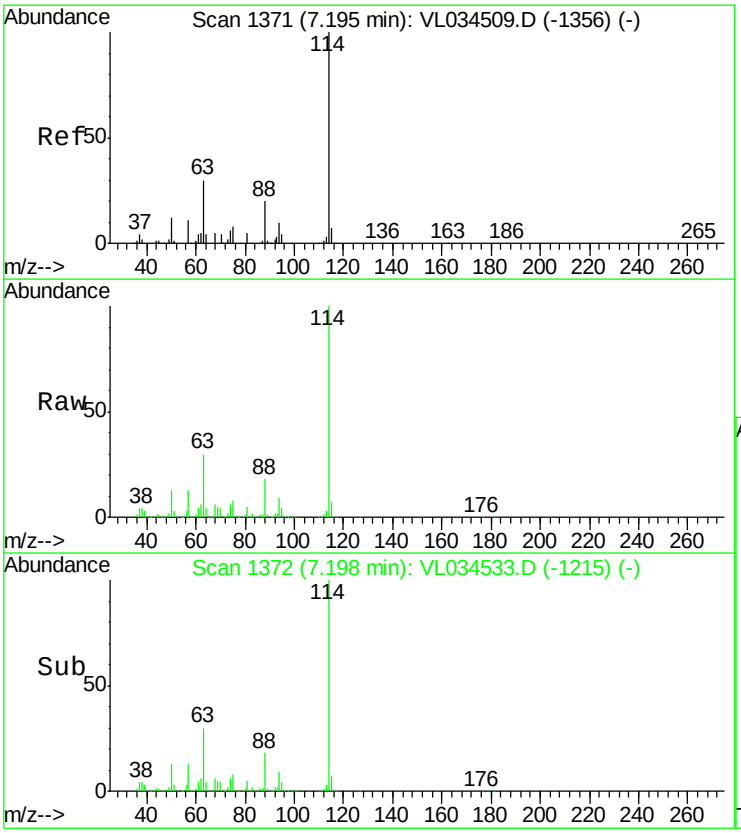
#30
Cyclohexane
Concen: 0.055 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. -0.00 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Instrument : MSVOA_L
ClientSampleId : 29-1

Tgt Ion: 84 Resp: 3486

Ion	Ratio	Lower	Upper
84	100		
56	0.0	112.7	169.1#
41	417.1	73.0	109.4#

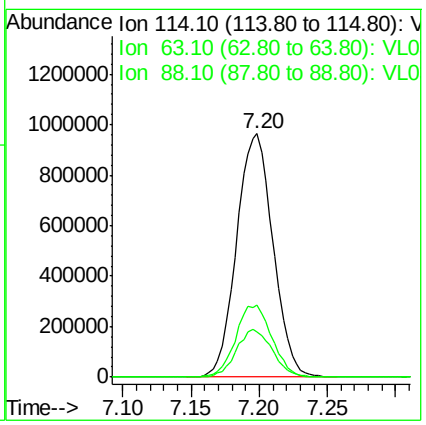


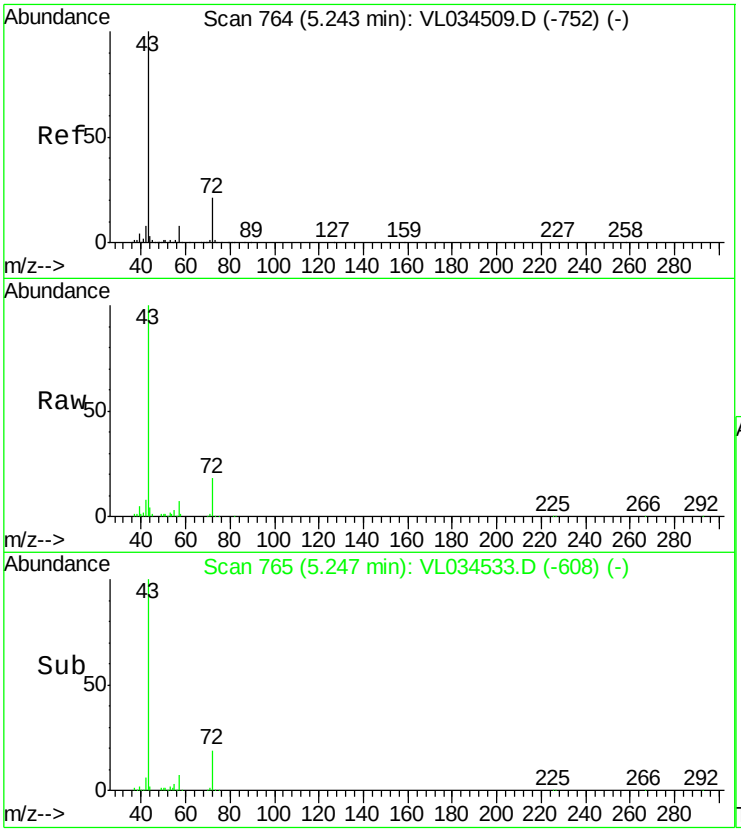


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Tgt Ion:114 Resp: 1784620

Ion	Ratio	Lower	Upper
114	100		
63	29.6	24.1	36.1
88	19.5	15.7	23.5



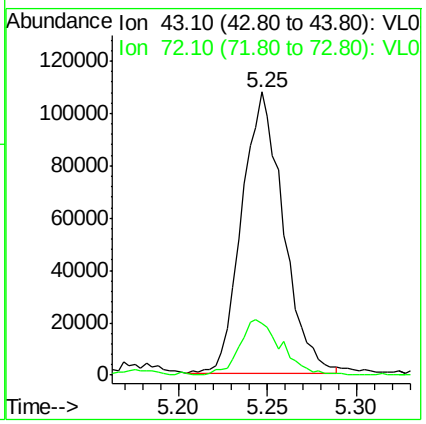


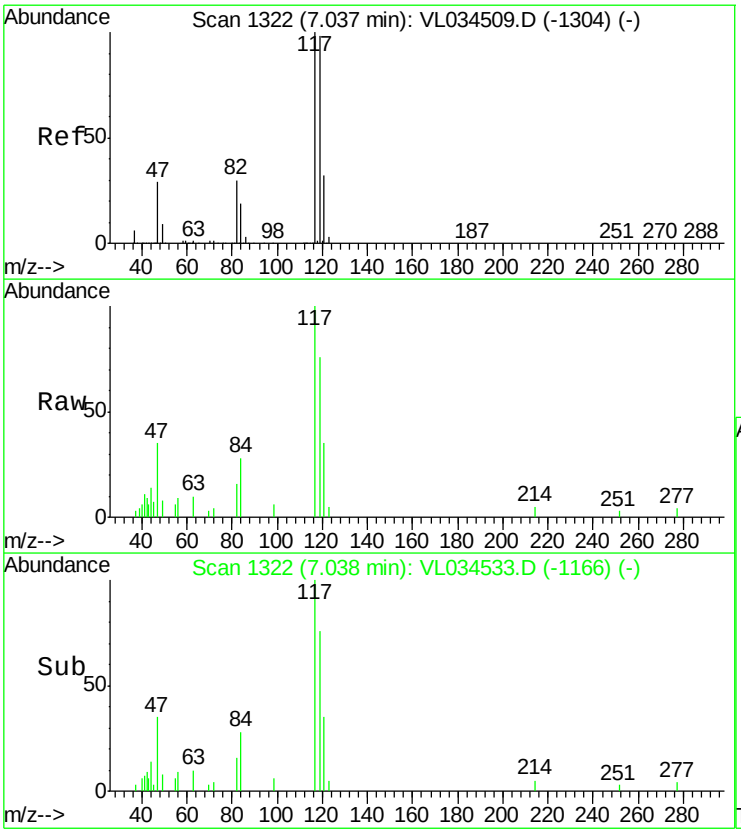
#34
2-Butanone
Concen: 1.377 ppbv
RT: 5.25 min Scan# 765
Delta R.T. 0.00 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Instrument :
MSVOA_L
ClientSampleId :
29-1

Tgt Ion: 43 Resp: 175575

Ion	Ratio	Lower	Upper
43	100		
72	20.2	17.0	25.4

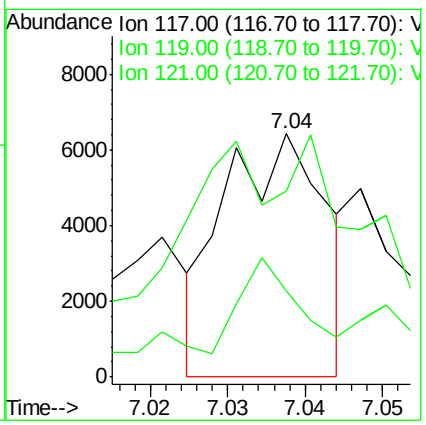


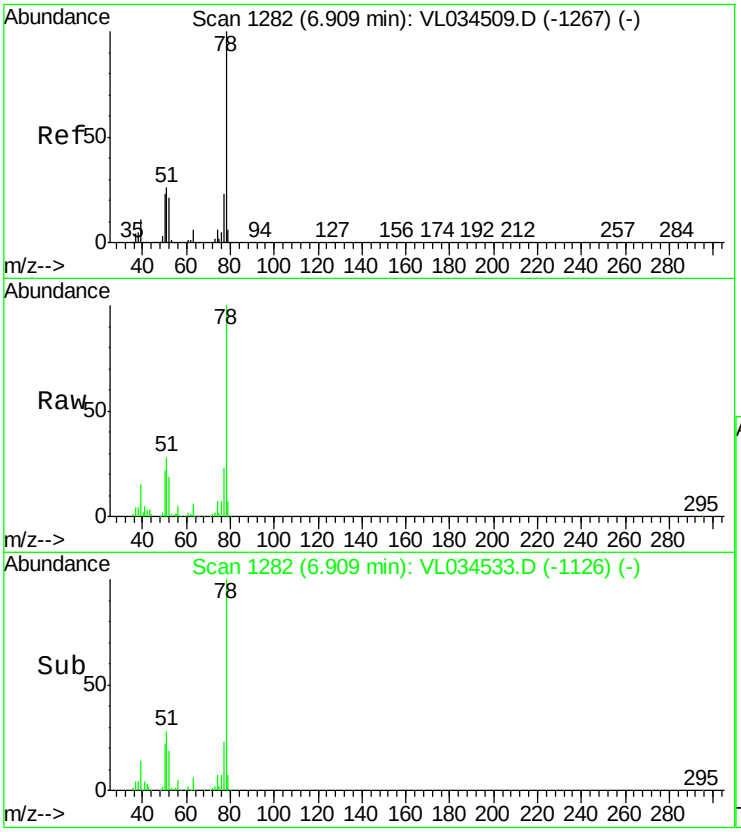


#35
Carbon Tetrachloride
Concen: 0.036 ppbv
RT: 7.04 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Tgt Ion:117 Resp: 5839

Ion	Ratio	Lower	Upper
117	100		
119	25.3	78.7	118.1#
121	39.4	25.9	38.9#



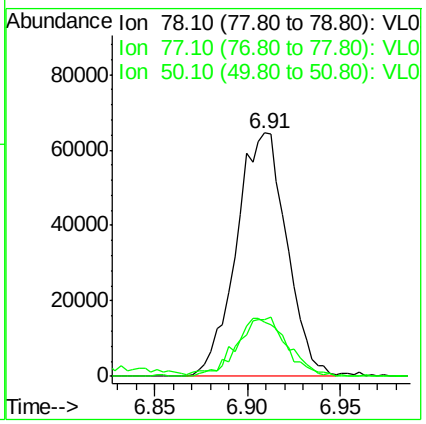


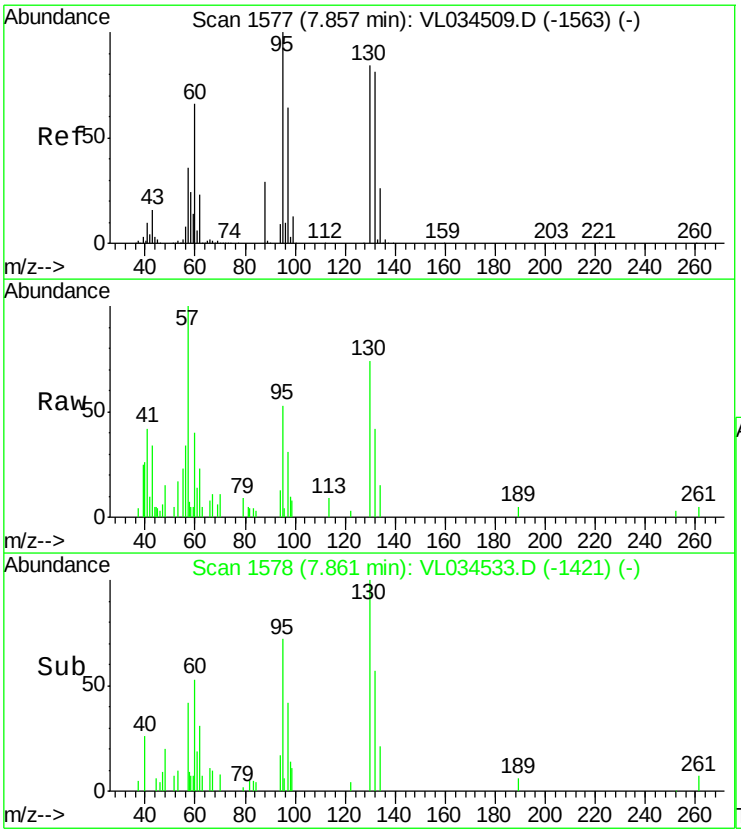
#36
Benzene
Concen: 0.780 ppbv
RT: 6.91 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Instrument :
MSVOA_L
ClientSampleId :
29-1

Tgt Ion: 78 Resp: 121416

Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.6	28.0
50	21.6	18.8	28.2

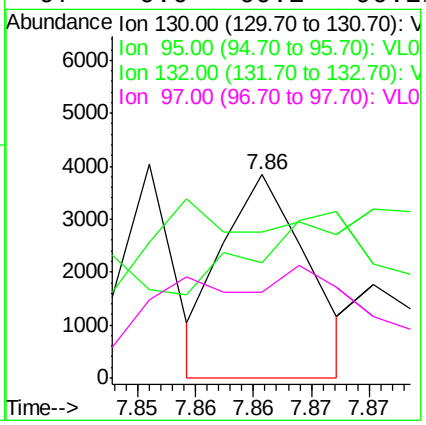


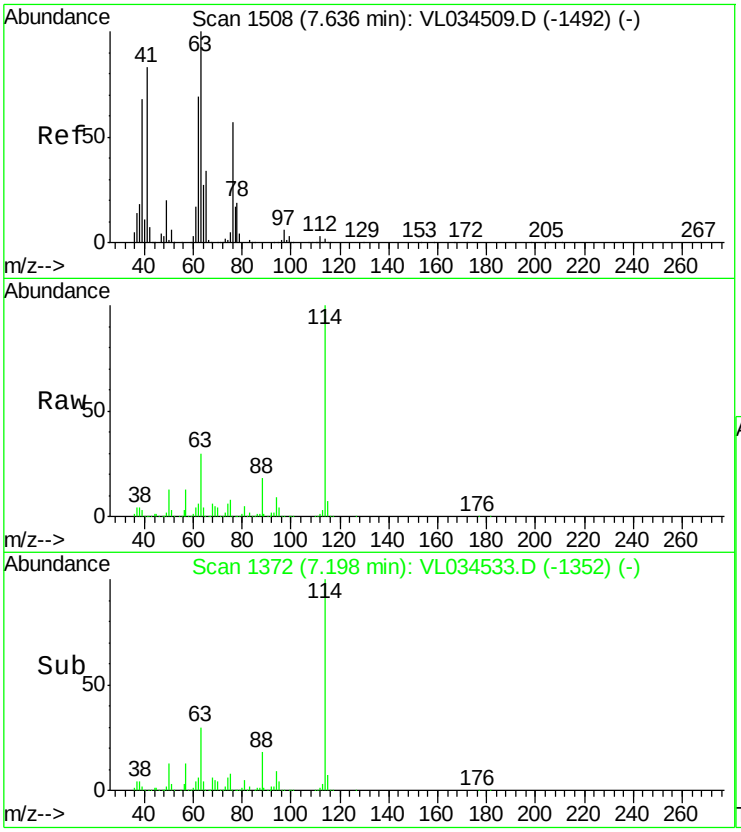


#38
Trichloroethene
Concen: 0.031 ppbv
RT: 7.86 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Tgt Ion:130 Resp: 1948

Ion	Ratio	Lower	Upper
130	100		
95	1.9	94.2	141.2#
132	21.9	76.1	114.1#
97	0.0	60.2	90.2#



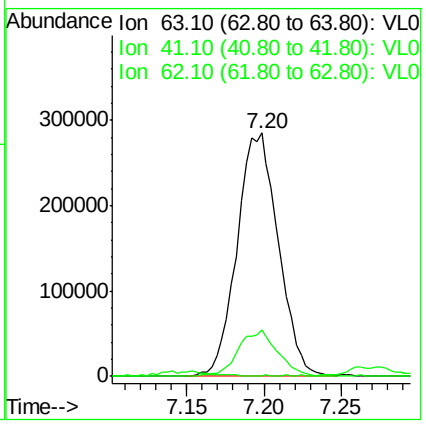


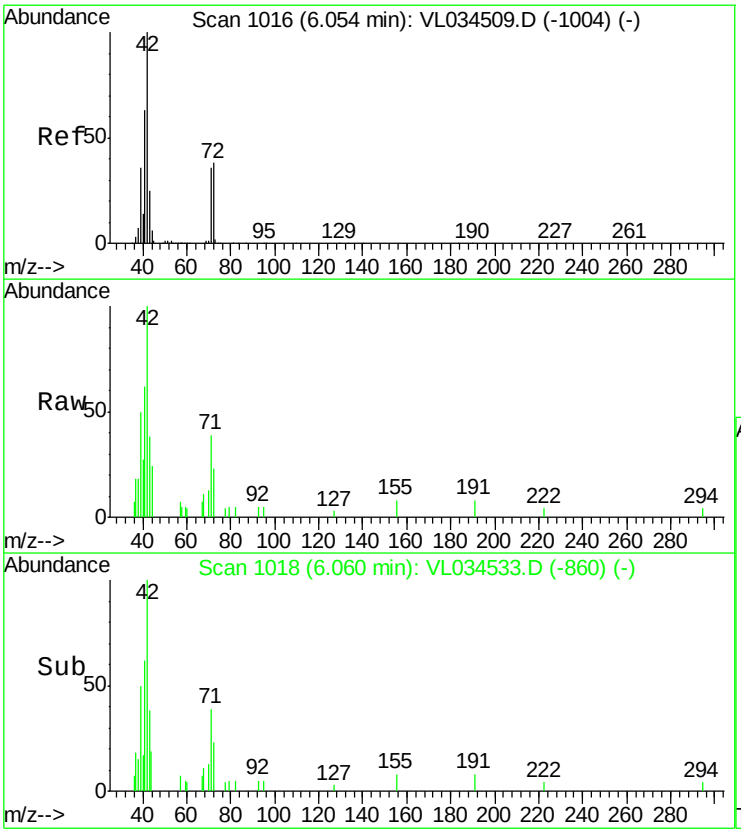
#39
1,2-Dichloropropane
Concen: 8.248 ppbv
RT: 7.20 min Scan# 1372
Delta R.T. -0.44 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Instrument : MSVOA_L
ClientSampleId : 29-1

Tgt Ion: 63 Resp: 527594

Ion	Ratio	Lower	Upper
63	100		
41	0.0	66.1	99.1#
62	19.1	54.9	82.3#

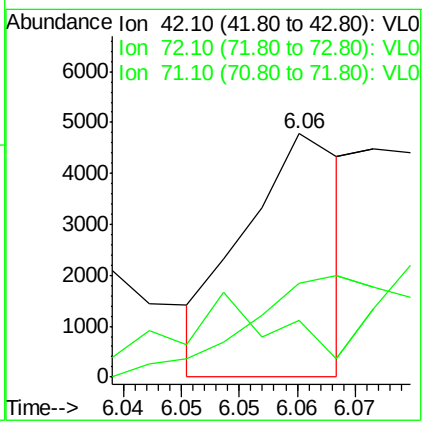


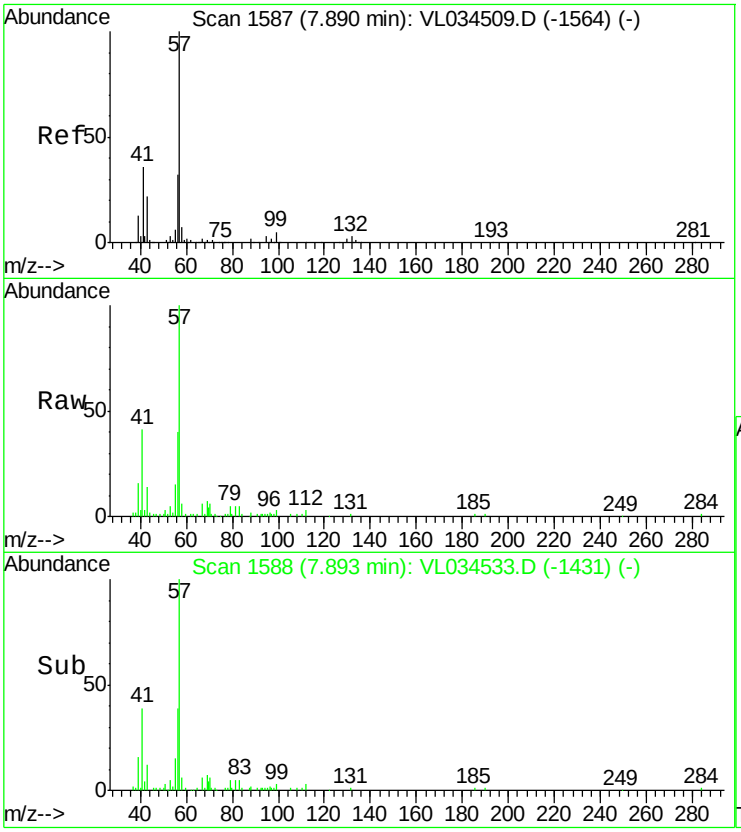


#41
Tetrahydrofuran
Concen: 0.044 ppbv
RT: 6.06 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Tgt Ion: 42 Resp: 2848

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.9	46.3#
71	112.7	28.9	43.3#



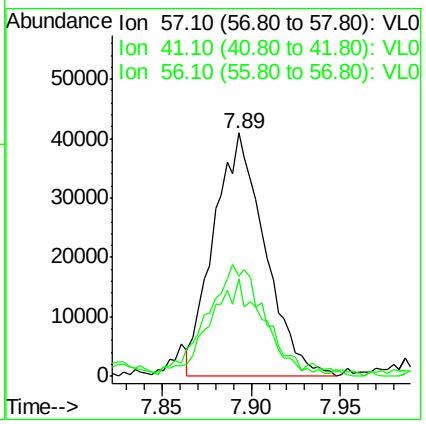


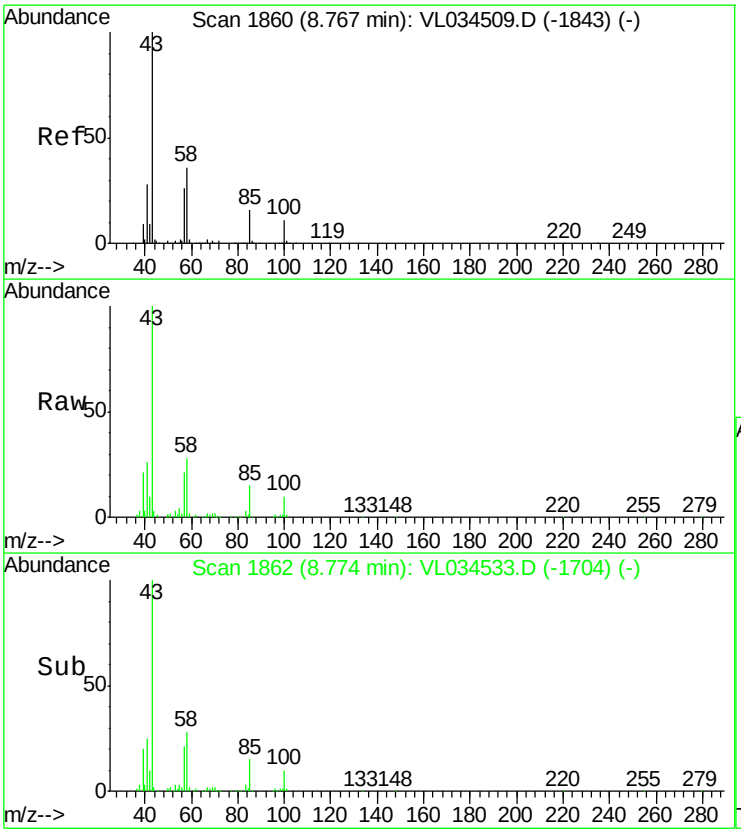
#44
2,2,4-Trimethylpentane
Concen: 0.284 ppbv
RT: 7.89 min Scan# 1588
Delta R.T. 0.00 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Instrument : MSVOA_L
ClientSampleId : 29-1

Tgt Ion: 57 Resp: 81763

Ion	Ratio	Lower	Upper
57	100		
41	54.2	29.0	43.4#
56	44.0	24.9	37.3#

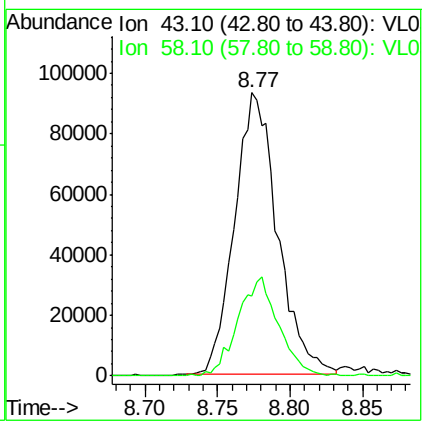


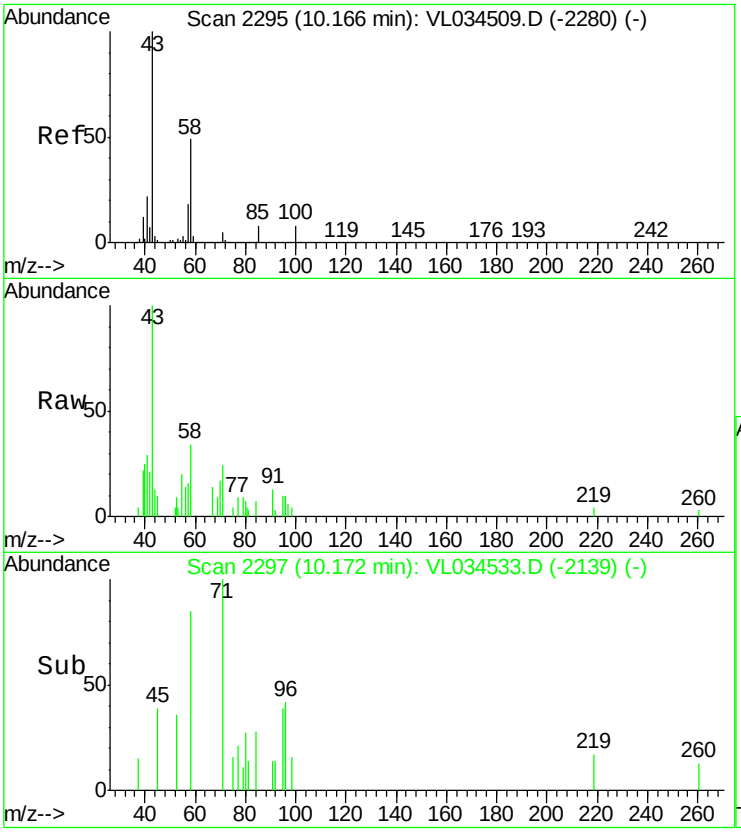


#50
4-Methyl-2-Pentanone
Concen: 1.040 ppbv
RT: 8.77 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Tgt Ion: 43 Resp: 192486

Ion	Ratio	Lower	Upper
43	100		
58	33.6	28.2	42.2



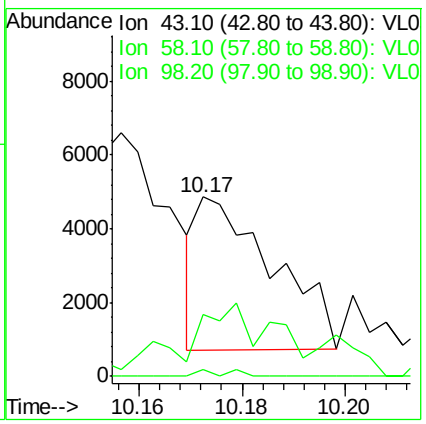


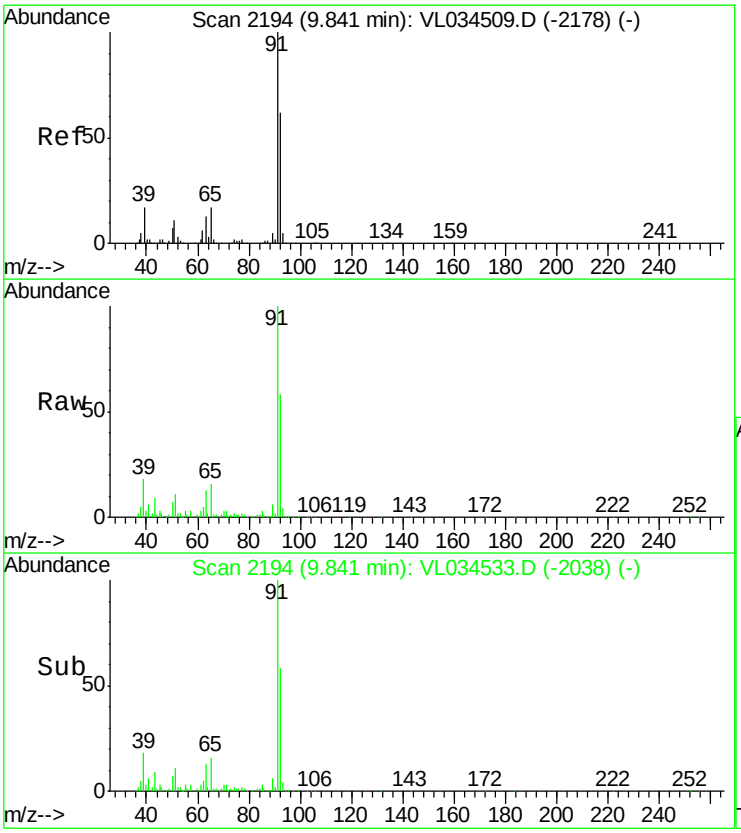
#51
2-Hexanone
Concen: 0.028 ppbv
RT: 10.17 min Scan# 2297
Delta R.T. 0.01 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Instrument : MSVOA_L
ClientSampleId : 29-1

Tgt Ion: 43 Resp: 4235

Ion	Ratio	Lower	Upper
43	100		
58	76.2	37.4	56.0#
98	0.0	0.2	0.2#

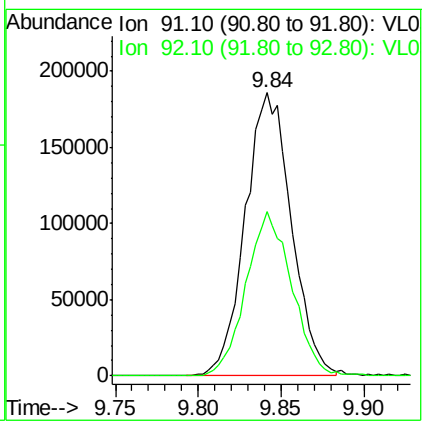


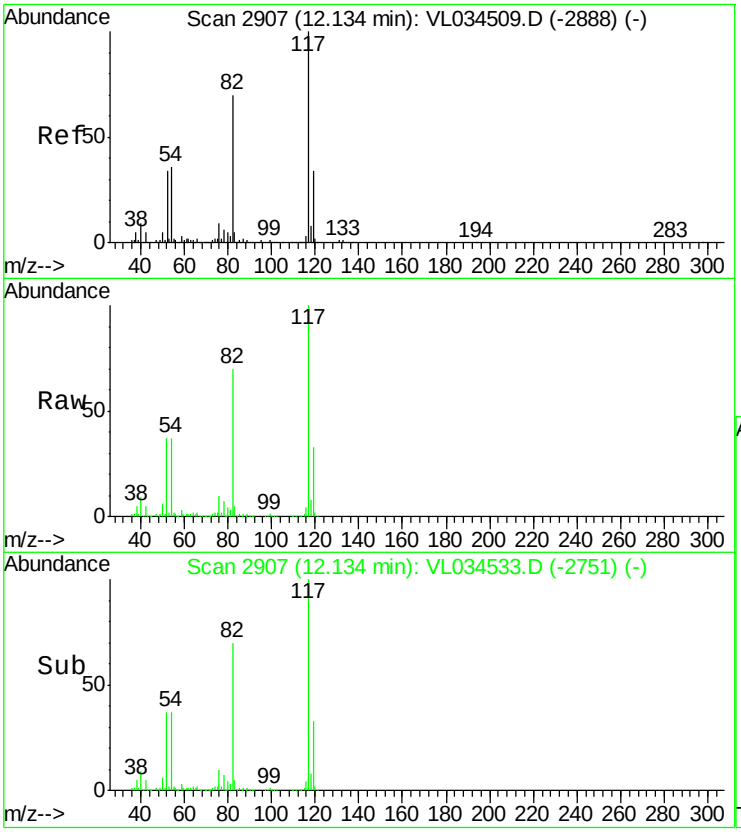


#53
Toluene
Concen: 2.092 ppbv
RT: 9.84 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Tgt Ion: 91 Resp: 357511

Ion	Ratio	Lower	Upper
91	100		
92	57.9	48.4	72.6



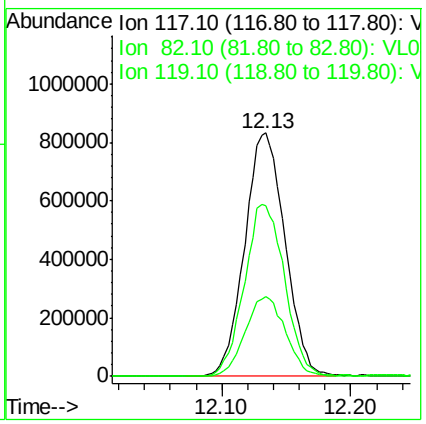


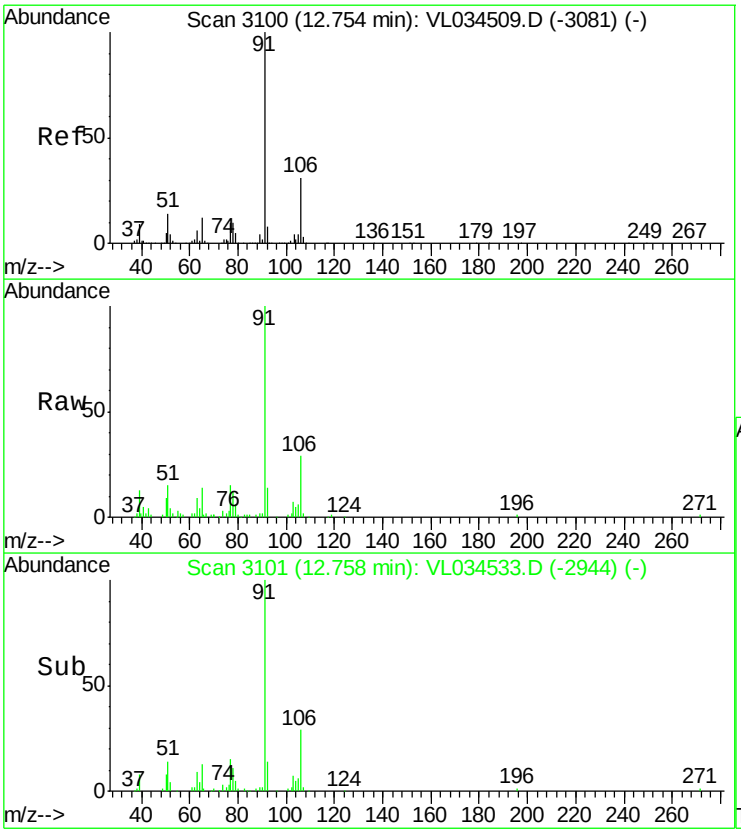
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. 0.00 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Instrument : MSVOA_L
ClientSampleId : 29-1

Tgt Ion:117 Resp: 1816487

Ion	Ratio	Lower	Upper
117	100		
82	70.6	56.2	84.4
119	32.7	27.1	40.7

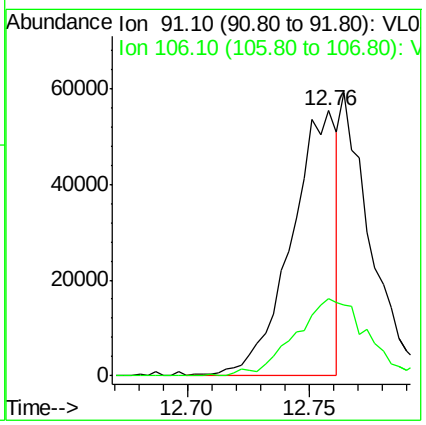


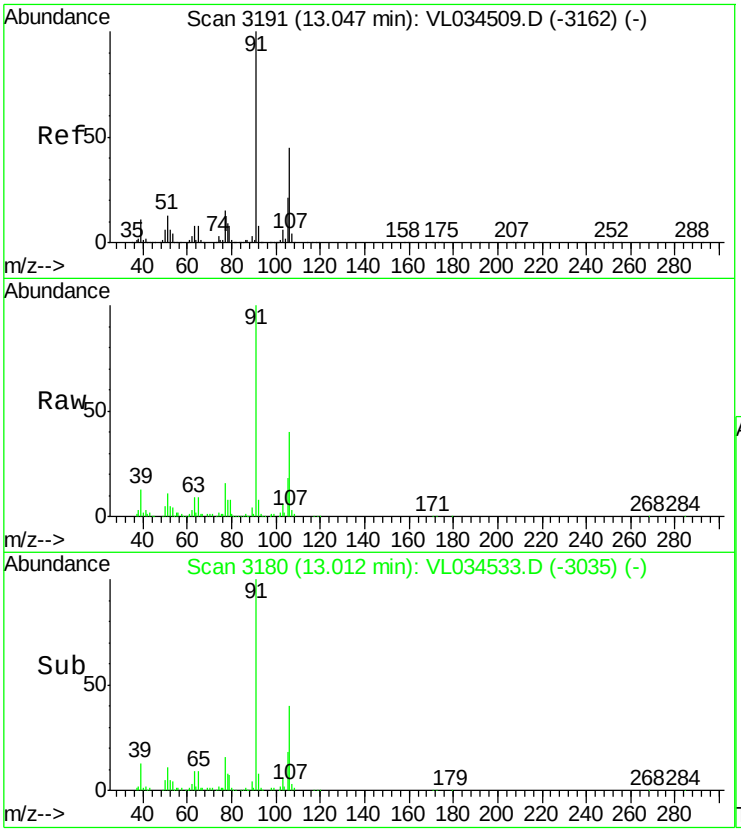


#58
Ethyl Benzene
Concen: 0.290 ppbv
RT: 12.76 min Scan# 3101
Delta R.T. 0.00 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Tgt Ion: 91 Resp: 71108

Ion	Ratio	Lower	Upper
91	100		
106	29.0	24.6	36.8



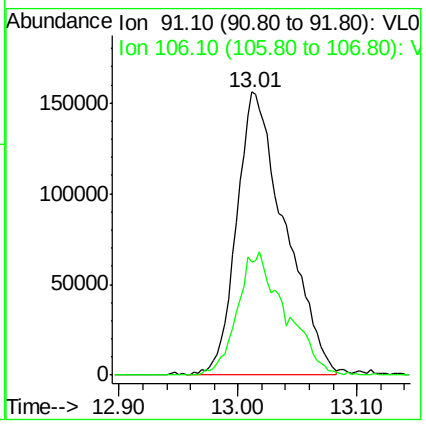


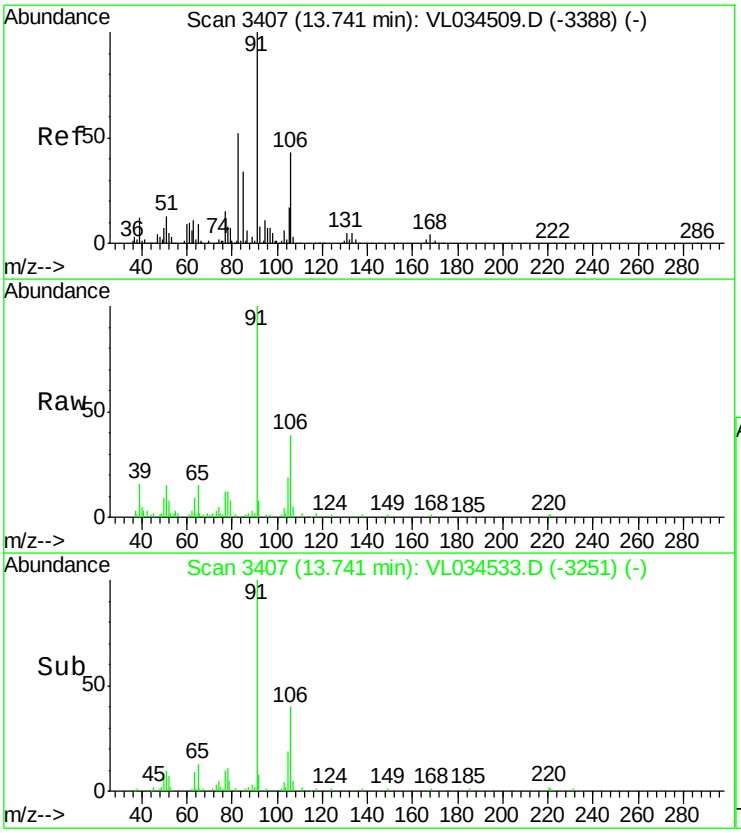
#59
m/p-Xylene
Concen: 2.047 ppbv
RT: 13.01 min Scan# 3180
Delta R.T. -0.04 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Instrument : MSVOA_L
ClientSampleId : 29-1

Tgt Ion: 91 Resp: 438525

Ion	Ratio	Lower	Upper
91	100		
106	43.4	35.6	53.4

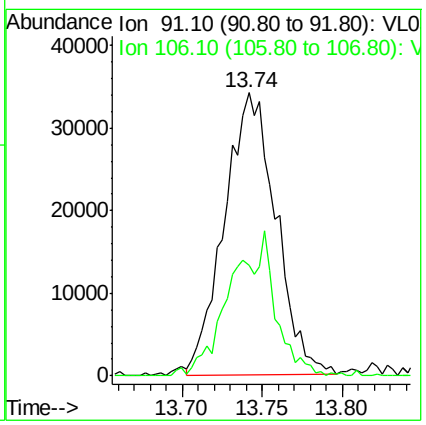


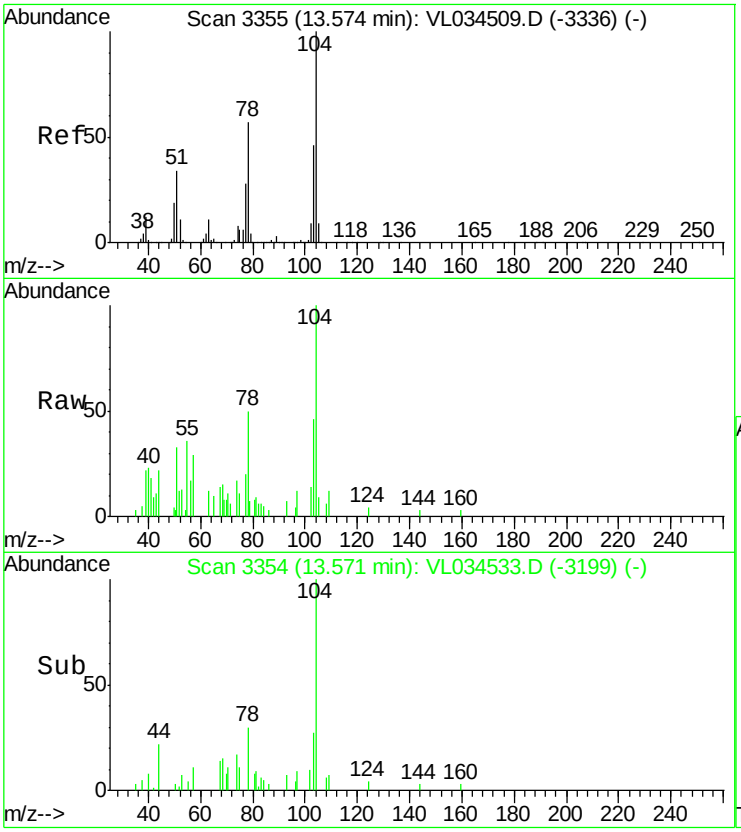


#60
o-Xylene
Concen: 0.353 ppbv
RT: 13.74 min Scan# 3407
Delta R.T. 0.00 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Tgt Ion: 91 Resp: 75779

Ion	Ratio	Lower	Upper
91	100		
106	45.0	21.4	64.3



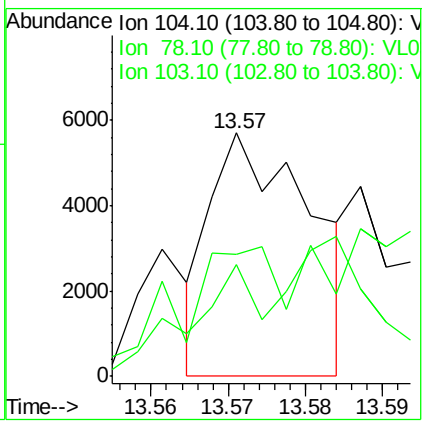


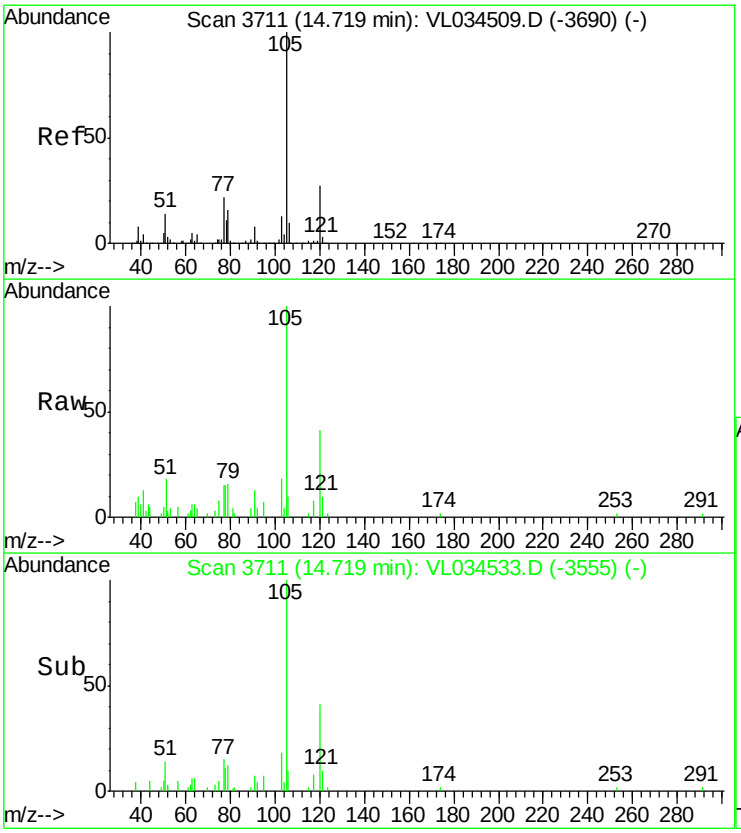
#61
Styrene
Concen: 0.035 ppbv
RT: 13.57 min Scan# 3354
Delta R.T. -0.00 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Instrument : MSVOA_L
ClientSampleId : 29-1

Tgt Ion:104 Resp: 5144

Ion	Ratio	Lower	Upper
104	100		
78	0.0	47.7	71.5#
103	0.0	38.6	58.0#

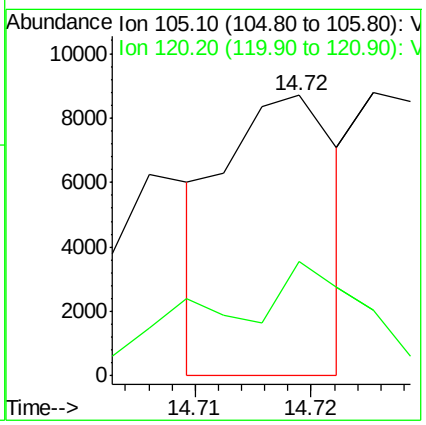


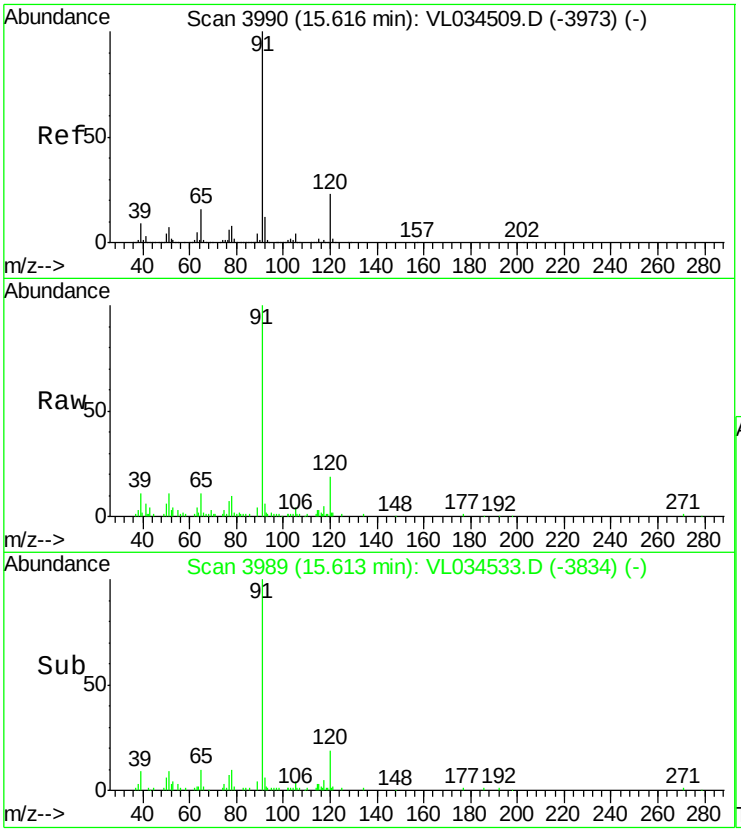


#62
Isopropylbenzene
Concen: 0.021 ppbv
RT: 14.72 min Scan# 3711
Delta R.T. 0.00 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Tgt Ion:105 Resp: 5874

Ion	Ratio	Lower	Upper
105	100		
120	86.7	20.6	30.8#



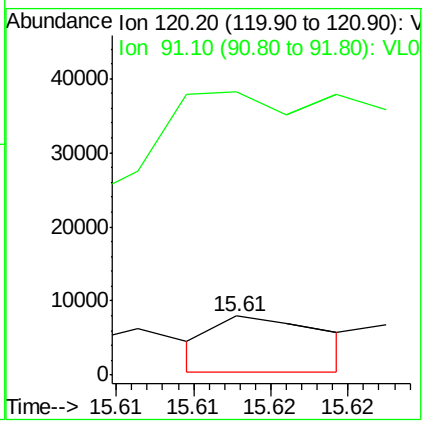


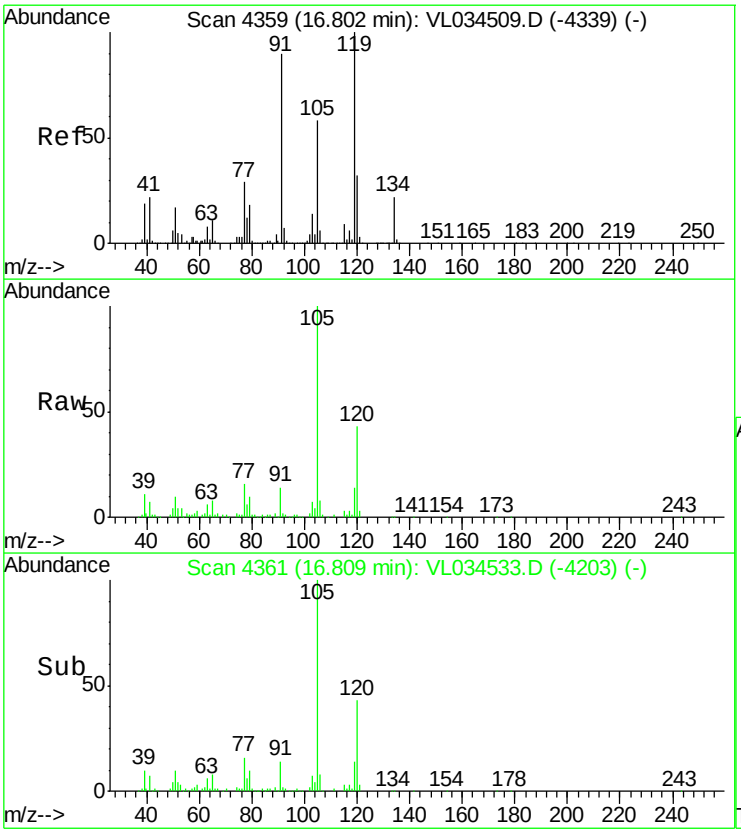
#64
n-propylbenzene
Concen: 0.053 ppbv
RT: 15.61 min Scan# 3989
Delta R.T. -0.00 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Instrument : MSVOA_L
ClientSampleId : 29-1

Tgt Ion:120 Resp: 3805

Ion	Ratio	Lower	Upper
120	100		
91	2298.4	375.6	563.4#

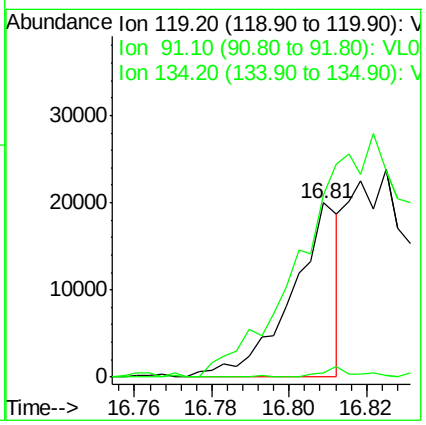


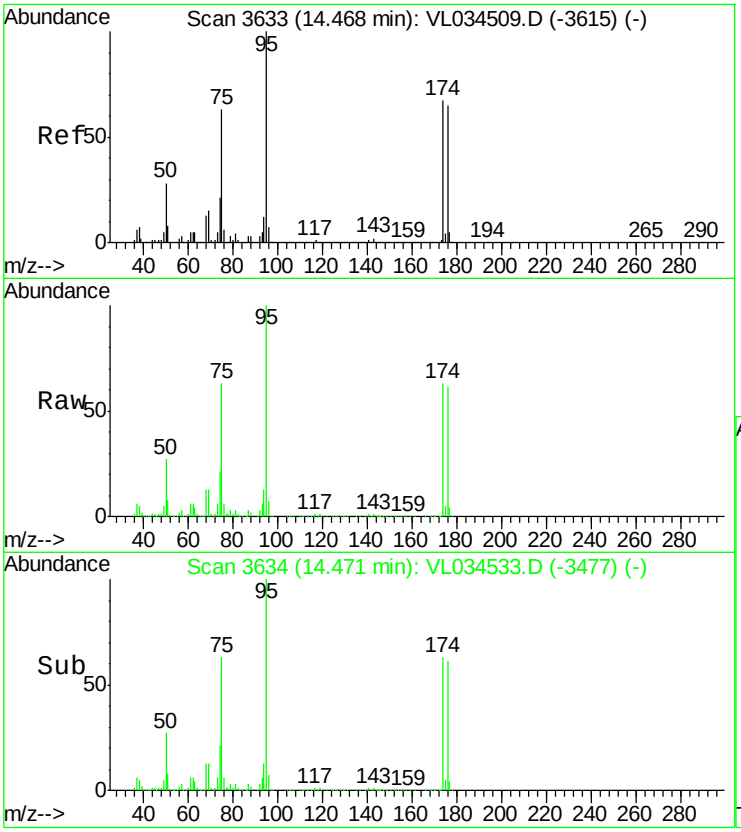


#65
tert-Butylbenzene
Concen: 0.067 ppbv
RT: 16.81 min Scan# 4361
Delta R.T. 0.01 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Tgt Ion:119 Resp: 16918

Ion	Ratio	Lower	Upper
119	100		
91	0.0	72.0	108.0#
134	5.6	16.1	24.1#



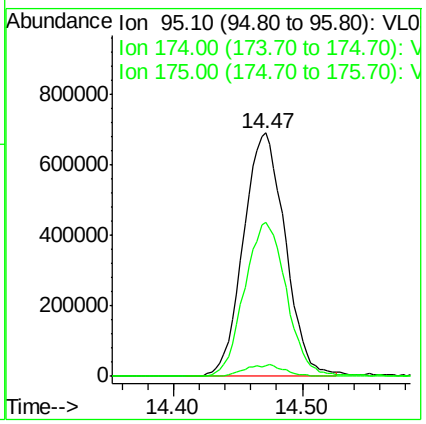


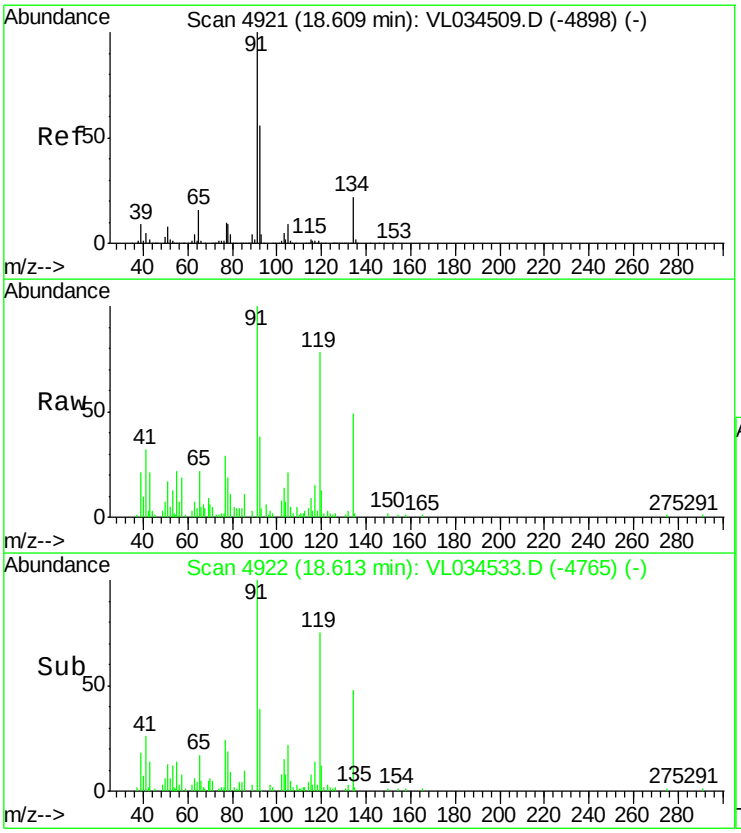
#68
1-Bromo-4-Fluorobenzene
Concen: 10.284 ppbv
RT: 14.47 min Scan# 3634
Delta R.T. 0.00 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Instrument : MSVOA_L
ClientSampleId : 29-1

Tgt Ion: 95 Resp: 1558768

Ion	Ratio	Lower	Upper
95	100		
174	63.9	52.4	78.6
175	4.6	3.9	5.9

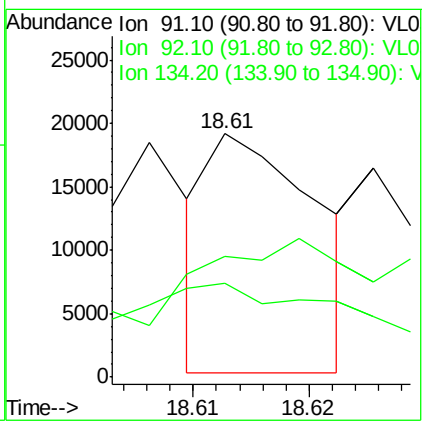


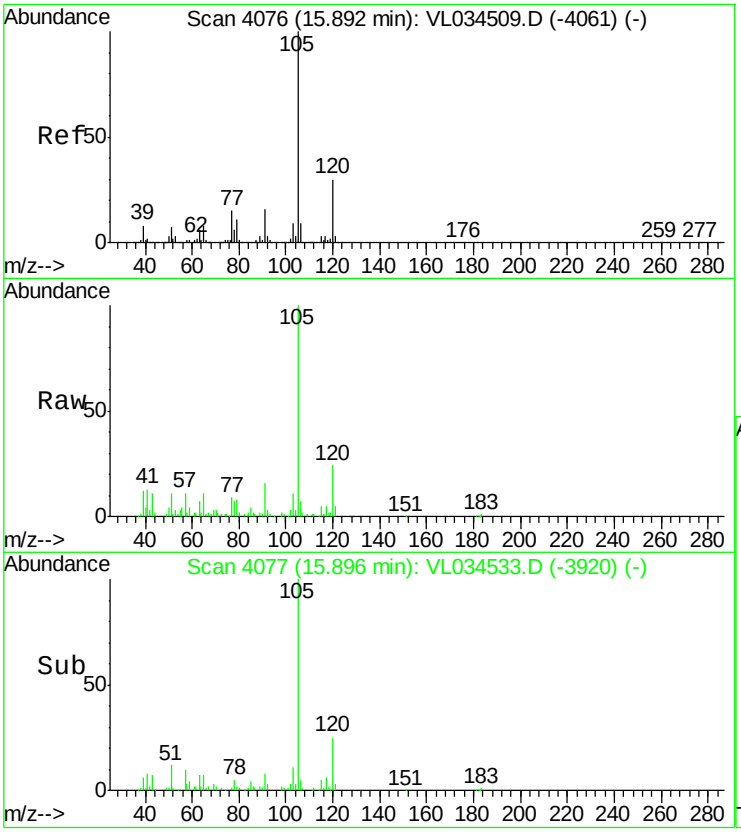


#70
n-Butylbenzene
Concen: 0.039 ppbv
RT: 18.61 min Scan# 4922
Delta R.T. 0.00 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Tgt Ion: 91 Resp: 12124

Ion	Ratio	Lower	Upper
91	100		
92	152.3	43.8	65.6#
134	0.0	18.0	27.0#



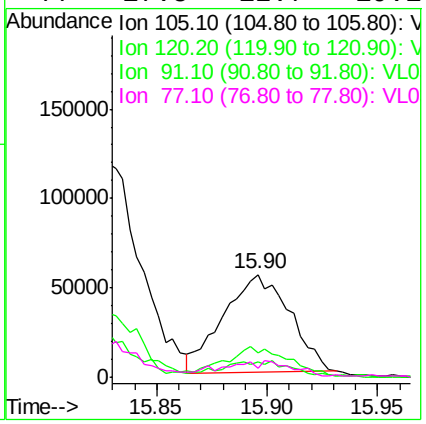


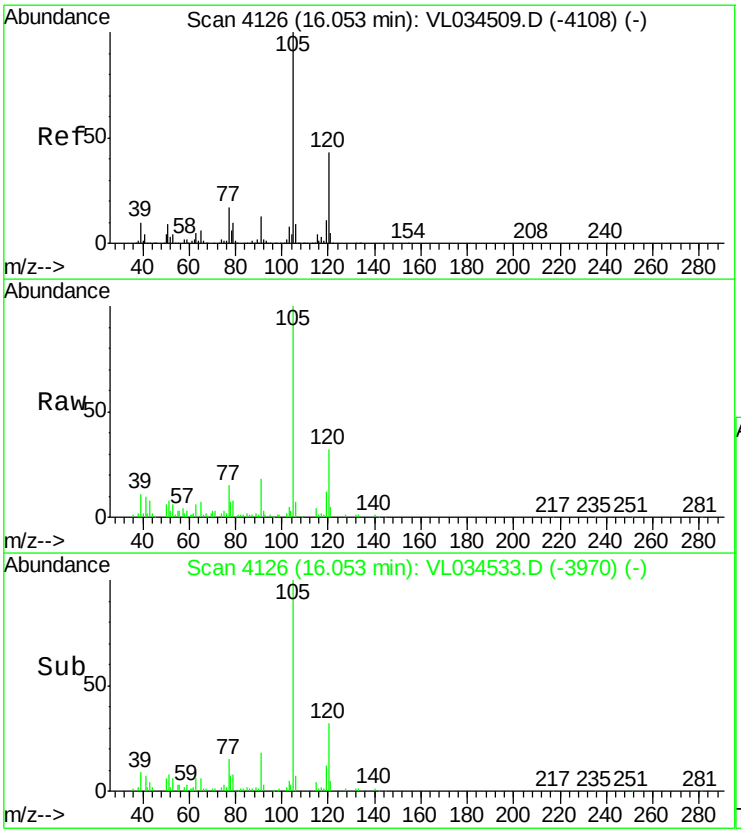
#72
4-Ethyltoluene
Concen: 0.477 ppbv
RT: 15.90 min Scan# 4077
Delta R.T. 0.00 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Instrument : MSVOA_L
ClientSampleId : 29-1

Tgt Ion:105 Resp: 114682

Ion	Ratio	Lower	Upper
105	100		
120	30.8	23.7	35.5
91	19.7	11.5	17.3#
77	17.5	12.7	19.1

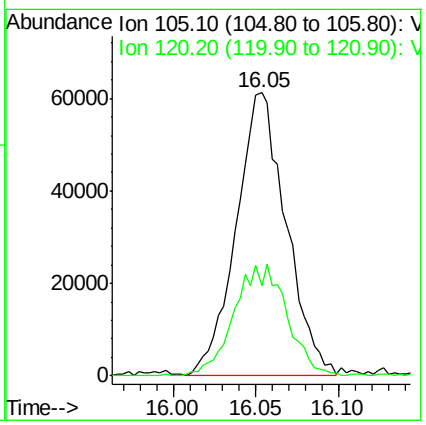


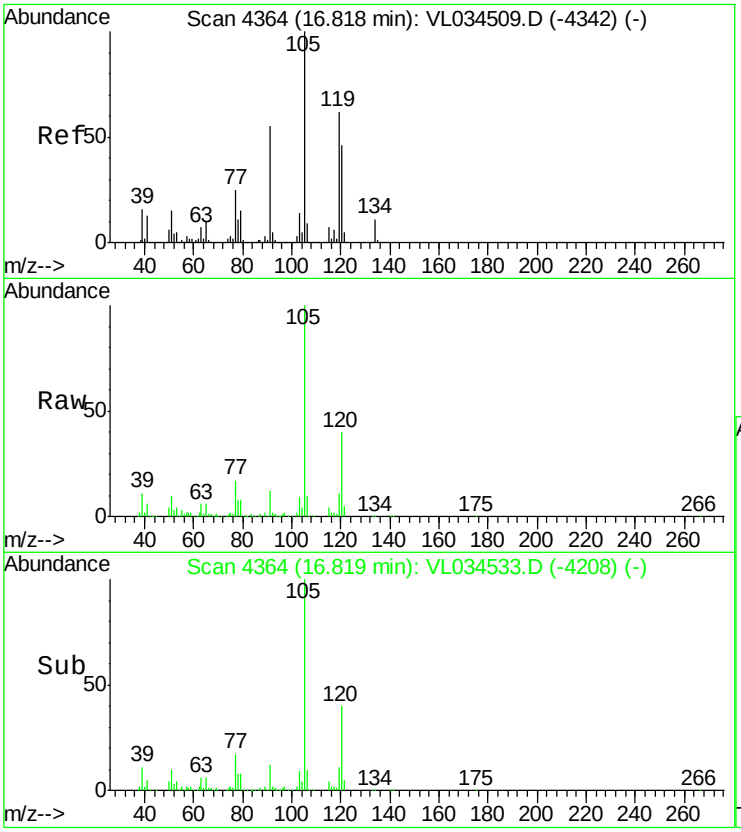


#73
1,3,5-Trimethylbenzene
Concen: 0.541 ppbv
RT: 16.05 min Scan# 4126
Delta R.T. 0.00 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Tgt Ion:105 Resp: 127645

Ion	Ratio	Lower	Upper
105	100		
120	31.2	34.6	52.0#



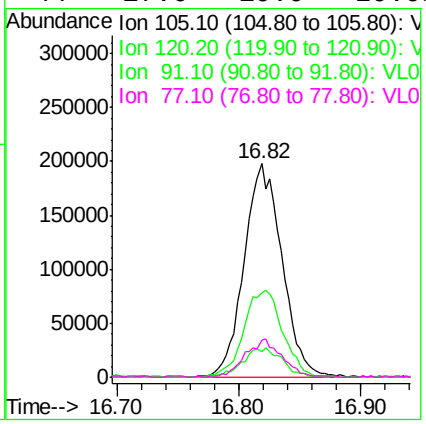


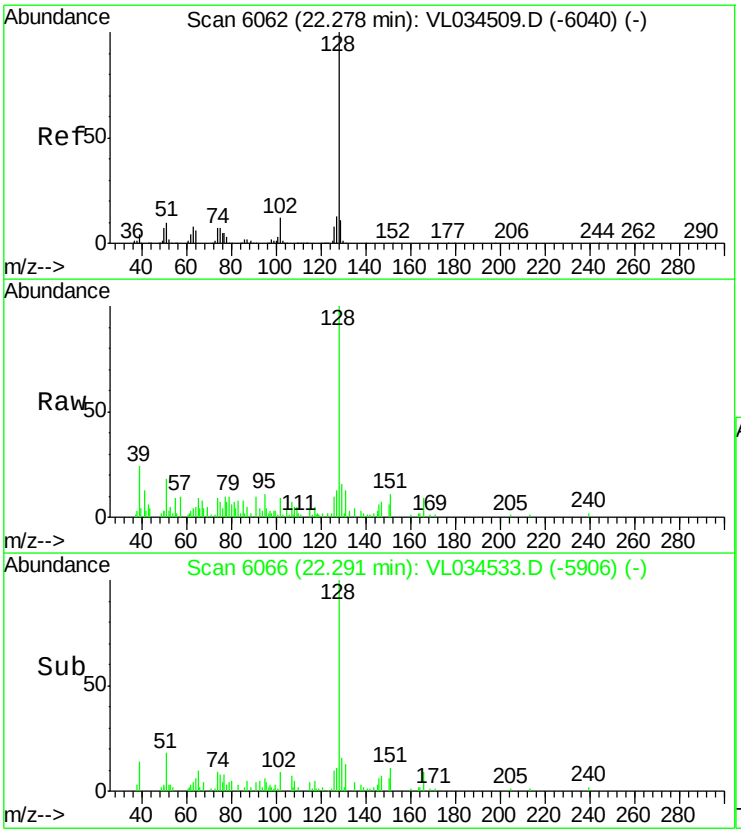
#74
1,2,4-Trimethylbenzene
Concen: 1.676 ppbv
RT: 16.82 min Scan# 4364
Delta R.T. 0.00 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Instrument :
MSVOA_L
ClientSampleId :
29-1

Tgt Ion:105 Resp: 423078

Ion	Ratio	Lower	Upper
105	100		
120	39.9	36.7	55.1
91	11.7	44.0	66.0#
77	17.0	19.9	29.9#

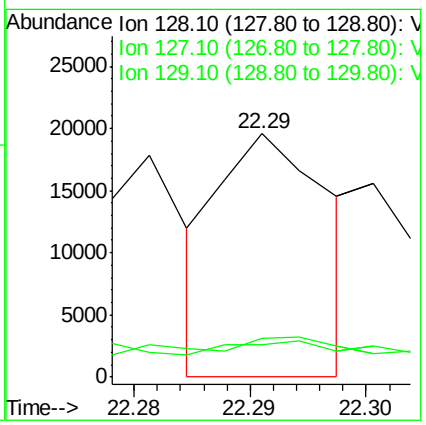


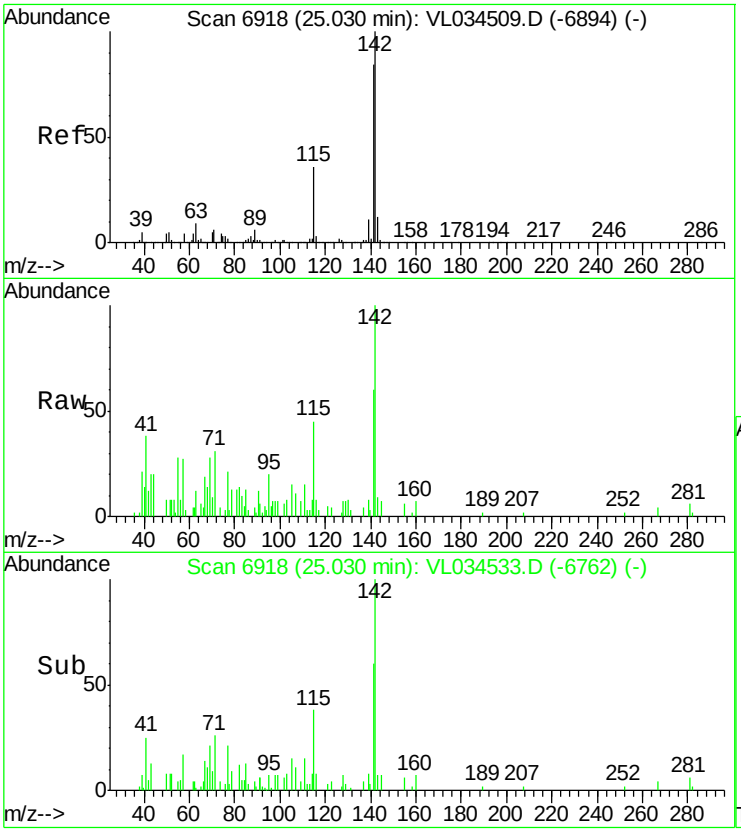


#79
Naphthalene
Concen: 0.067 ppbv
RT: 22.29 min Scan# 6066
Delta R.T. 0.01 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Tgt Ion:128 Resp: 12830

Ion	Ratio	Lower	Upper
128	100		
127	11.2	10.6	15.8
129	10.7	8.7	13.1





#80
Naphthalene,2-methyl-
Concen: 0.300 ppbv
RT: 25.03 min Scan# 6918
Delta R.T. 0.00 min
Lab File: VL034533.D
Acq: 31 Dec 2019 5:06

Instrument :
MSVOA_L
ClientSampleId :
29-1

Tgt Ion:142 Resp: 15813

Ion	Ratio	Lower	Upper
142	100		
141	88.5	65.8	98.8
115	54.0	30.4	45.6#