Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092320\
Data File : VL035714.D
Acq On : 23 Sep 2020 11:44
Operator : SY/AP
Sample : L4079-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : B-1

Quant Time: Sep 24 08:25:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 23 07:38:05 2020
QLast Update : Wed Sep 23 07:38:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	1097357	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.19	114	4176812	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.11	117	4257421	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.44	95	3248582	10.18	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	50550	0.281	ppbv		99
3) Chlorodifluoromethane	2.99	51	61999	0.525	ppbv	#	88
4) Chloromethane	3.14	50	37819	0.596	ppbv		99
9) Propene	3.20	41	260858	6.086	ppbv		92
10) Heptane	8.14	43	36078	0.302	ppbv	#	19
11) Trichlorofluoromethane	3.95	101	63725	0.248	ppbv		91
12) 1,1,2-Trichlorotrifluoroet	4.49	101	14536	0.076	ppbv		97
13) Ethanol	3.61	45	145184	13.735	ppbv		99
15) Acetone	3.85	43	1088601	9.219	ppbv	#	60
16) 1,3-Butadiene	3.30	39	17729	0.410	ppbv	#	43
17) tert-Butyl alcohol	4.31	59	8944	0.070	ppbv	#	72
19) Isopropyl Alcohol	3.97	45	161853	2.520	ppbv	#	89
20) Methylene Chloride	4.35	84	313389	3.613	ppbv		95
21) Allyl Chloride	4.37	41	16807	0.294	ppbv	#	40
23) Vinyl Acetate	5.06	43	851769	5.889	ppbv	#	11
25) Ethyl Acetate	5.70	43	223886	1.054	ppbv	#	76
26) Hexane	5.70	57	349843	3.005	ppbv	#	51
27) Carbon Disulfide	4.56	76	20172	0.116	ppbv	#	76
29) Chloroform	5.76	83	15173	0.064	ppbv		88
30) Cyclohexane	7.15	84	25146	0.219	ppbv	#	1
34) 2-Butanone	5.25	43	46201	0.334	ppbv	#	63
35) Carbon Tetrachloride	7.03	117	16829	0.077	ppbv	#	91
36) Benzene	6.91	78	78074	0.287	ppbv	#	92
39) 1,2-Dichloropropane	7.19	63	827377	8.387	ppbv	#	31
41) Tetrahydrofuran	6.35	42	220205	3.164	ppbv	#	26
42) Bromodichloromethane	7.81	83	18743	0.082	ppbv	#	28
44) 2,2,4-Trimethylpentane	7.88	57	3709939	9.499	ppbv		97
50) 4-Methyl-2-Pentanone	8.78	43	16057	0.080	ppbv	#	31
51) 2-Hexanone	10.13	43	15879	0.098	ppbv	#	50
52) Tetrachloroethene	11.25	164	21593	0.165	ppbv	#	85
53) Toluene	9.83	91	399605	1.245	ppbv		96
58) Ethyl Benzene	12.99	91	128458	0.301	ppbv		88
59) m/p-Xylene	13.02	91	40718	0.109	ppbv	#	26
60) o-Xylene	13.71	91	61734	0.164	ppbv		95
64) n-propylbenzene	15.59	120	5372	0.031	ppbv	#	1
65) tert-Butylbenzene	16.79	119	23539	0.044	ppbv	#	59
72) 4-Ethyltoluene	15.87	105	38765	0.087	ppbv	#	93
73) 1,3,5-Trimethylbenzene	16.03	105	31433	0.074	ppbv		85
74) 1,2,4-Trimethylbenzene	16.80	105	179684	0.377	ppbv	#	69
76) 1,4-Dichlorobenzene	17.17	146	18305	0.059	ppbv	#	60
79) Naphthalene	22.24	128	800971	1.763	ppbv		98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092320\
Data File : VL035714.D
Acq On : 23 Sep 2020 11:44
Operator : SY/AP
Sample : L4079-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : B-1

Quant Time: Sep 24 08:25:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 23 07:38:05 2020
QLast Update : Wed Sep 23 07:38:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Naphthalene,2-methyl-	25.00	142	19598	0.183	ppbv #	86

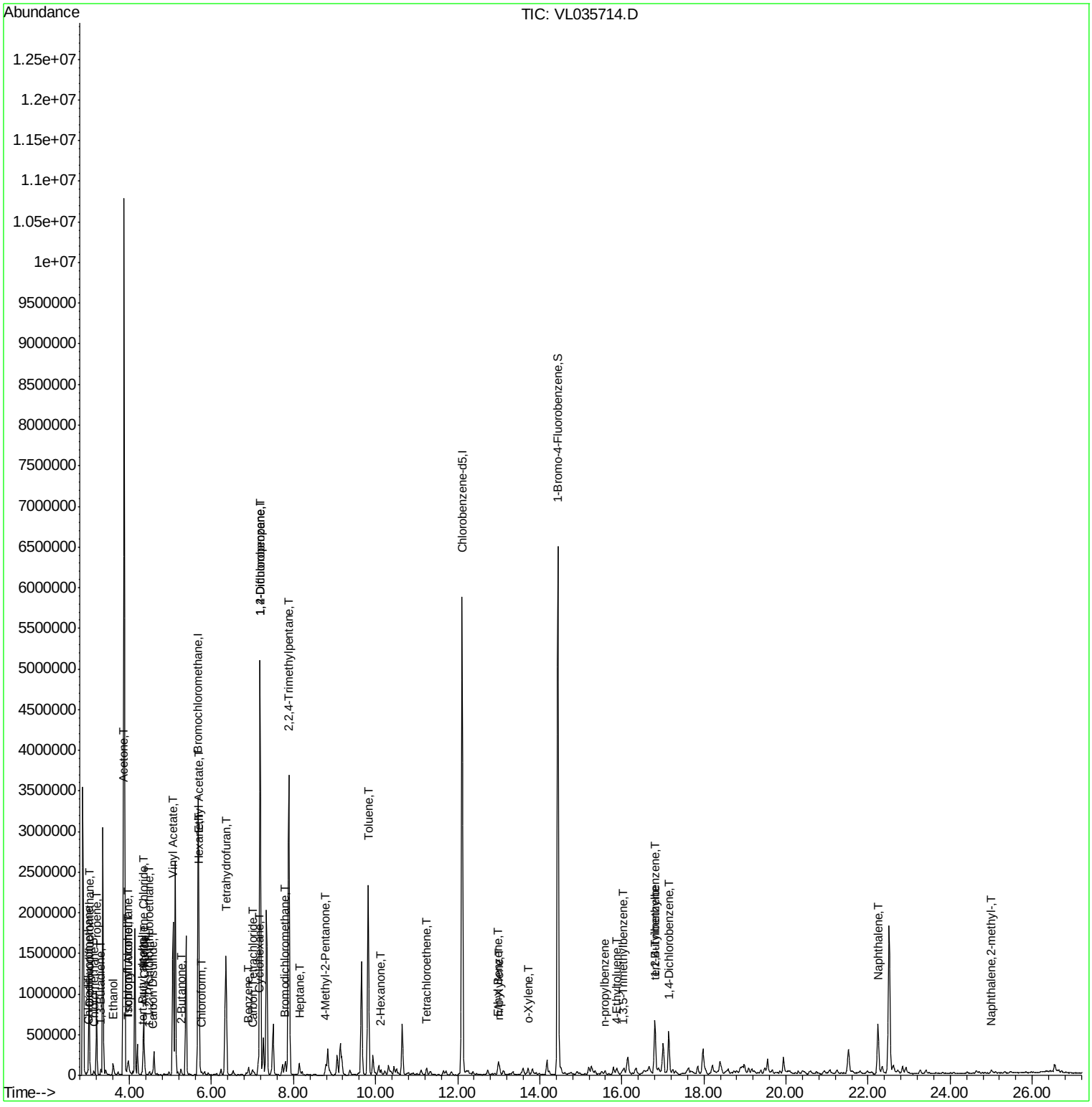
(#) = qualifier out of range (m) = manual integration (+) = signals summed

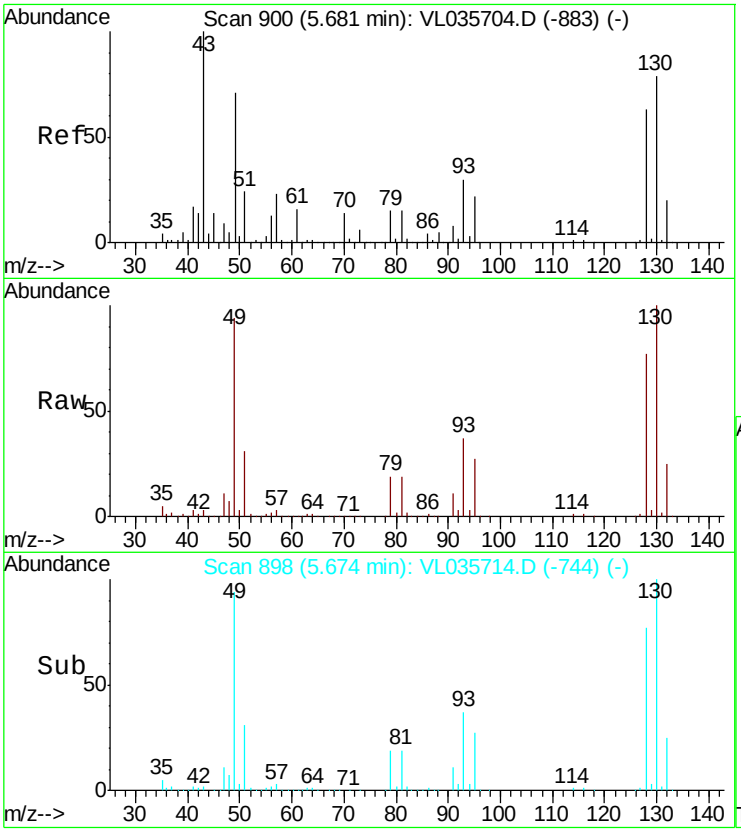
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092320\
Data File : VL035714.D
Acq On : 23 Sep 2020 11:44
Operator : SY/AP
Sample : L4079-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : B-1

Quant Time: Sep 24 08:25:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 23 07:38:05 2020
QLast Update : Wed Sep 23 07:38:05 2020
Response via : Initial Calibration



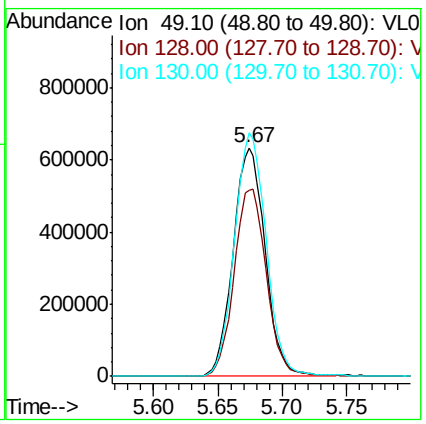


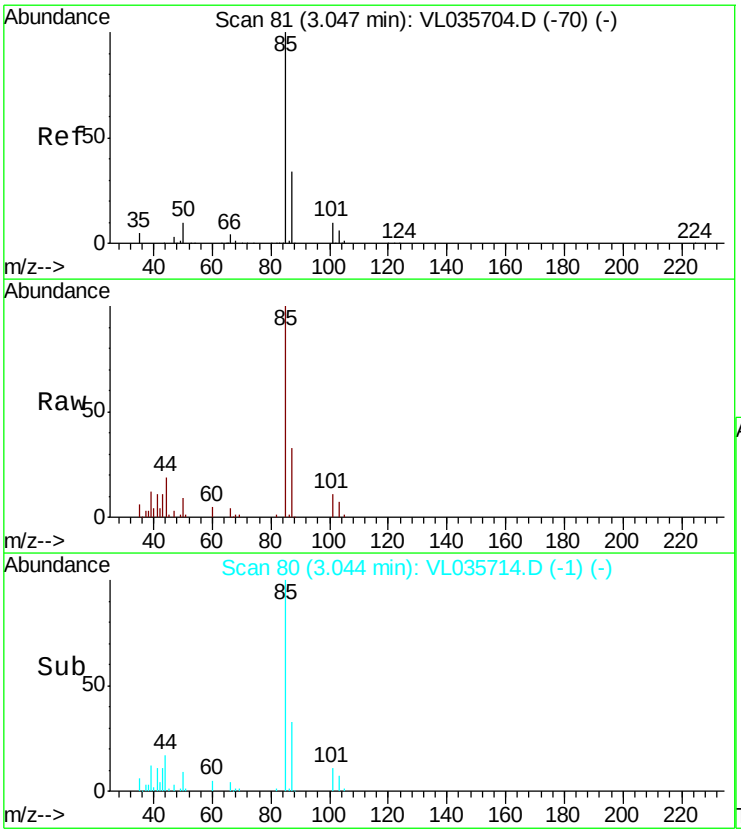
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.01 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Instrument :
MSVOA_L
ClientSampleId :
B-1

Tgt Ion: 49 Resp: 1097357

Ion	Ratio	Lower	Upper
49	100		
128	82.9	43.1	129.4
130	106.0	54.9	164.7

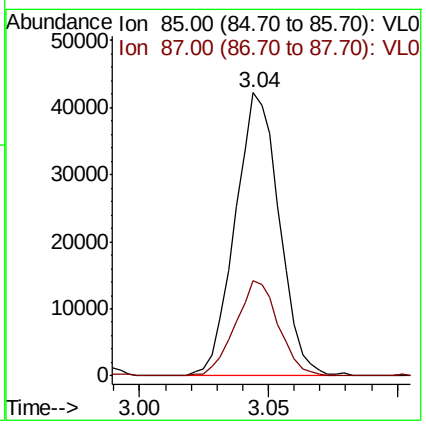


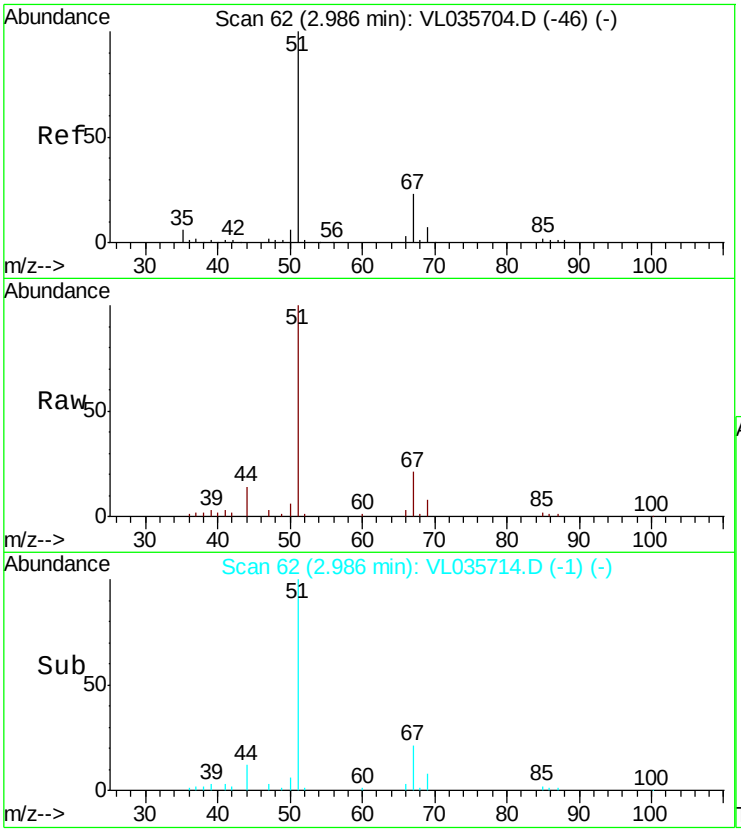


#2
Dichlorodifluoromethane
Concen: 0.281 ppbv
RT: 3.04 min Scan# 80
Delta R.T. -0.00 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Tgt Ion: 85 Resp: 50550

Ion	Ratio	Lower	Upper
85	100		
87	33.5	27.3	40.9



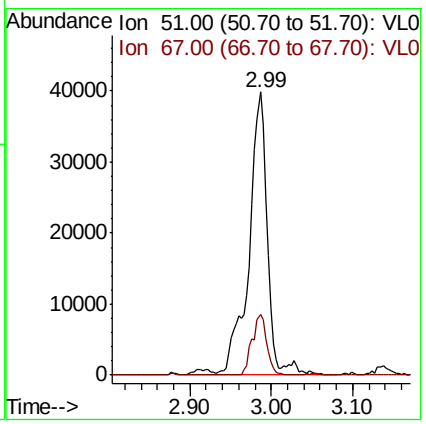


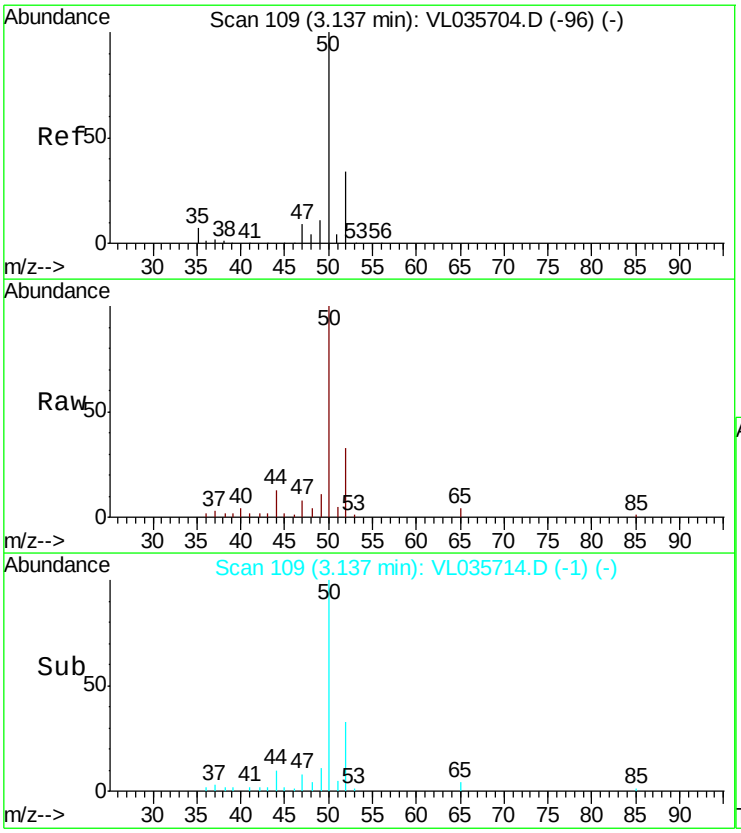
#3
Chlorodifluoromethane
Concen: 0.525 ppbv
RT: 2.99 min Scan# 62
Delta R.T. 0.00 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Instrument : MSVOA_L
ClientSampleId : B-1

Tgt Ion: 51 Resp: 61999

Ion	Ratio	Lower	Upper
51	100		
67	16.4	17.8	26.8#

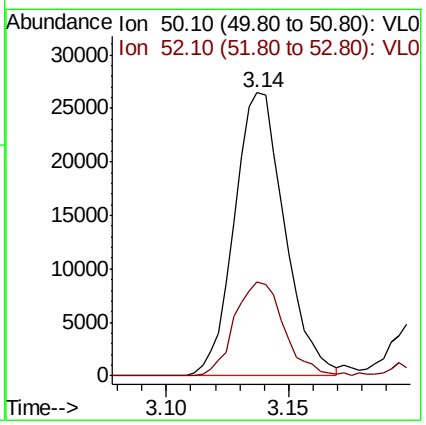


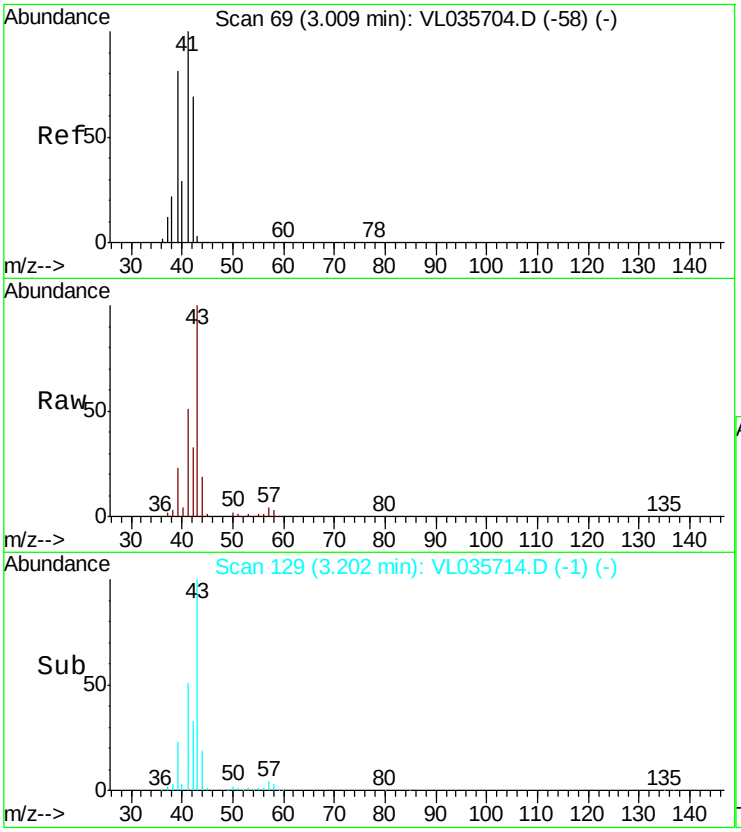


#4
Chloromethane
Concen: 0.596 ppbv
RT: 3.14 min Scan# 109
Delta R.T. 0.00 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Tgt Ion: 50 Resp: 37819

Ion	Ratio	Lower	Upper
50	100		
52	33.2	26.8	40.2



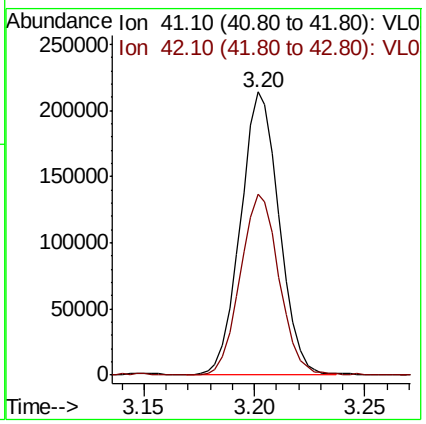


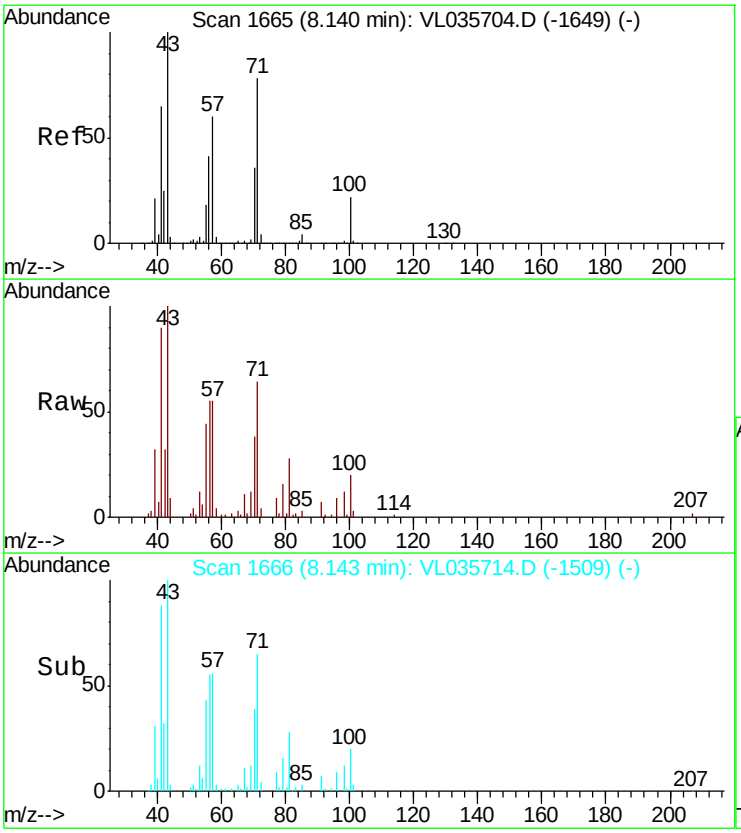
#9
Propene
Concen: 6.086 ppbv
RT: 3.20 min Scan# 129
Delta R.T. 0.19 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Instrument :
MSVOA_L
ClientSampleId :
B-1

Tgt Ion: 41 Resp: 260858

Ion	Ratio	Lower	Upper
41	100		
42	64.1	56.2	84.4

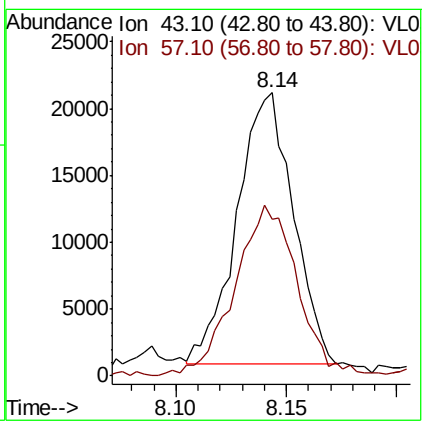


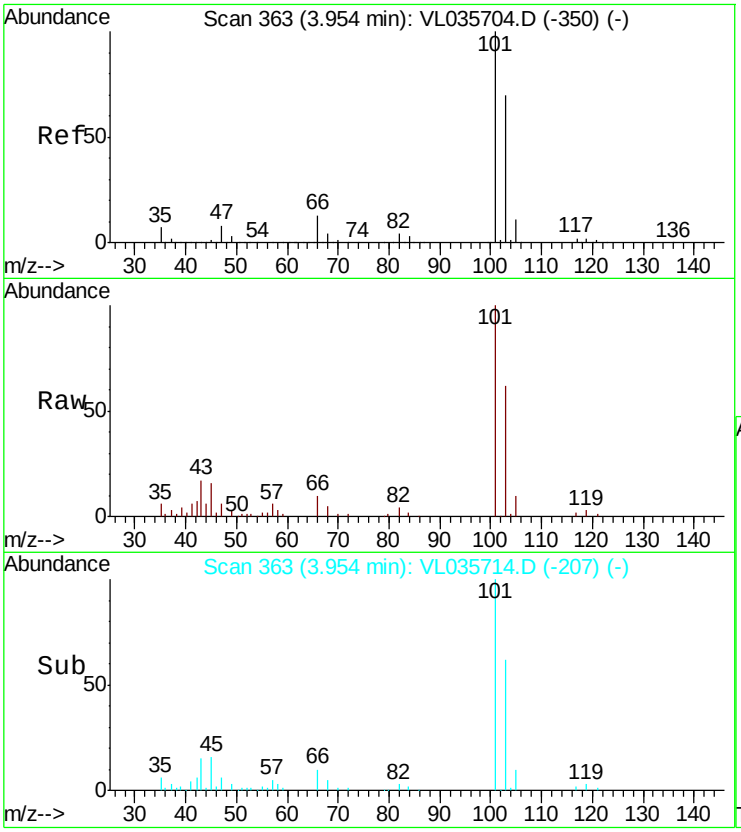


#10
Heptane
Concen: 0.302 ppbv
RT: 8.14 min Scan# 1666
Delta R.T. 0.00 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Tgt Ion: 43 Resp: 36078

Ion	Ratio	Lower	Upper
43	100		
57	0.0	50.4	75.6#



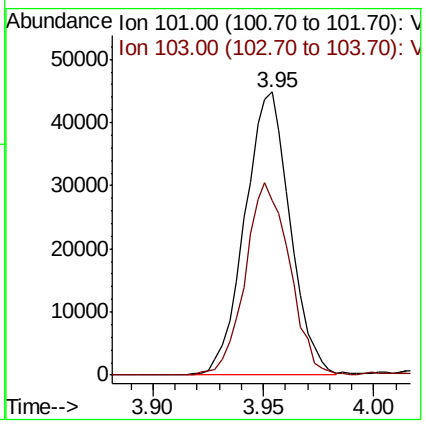


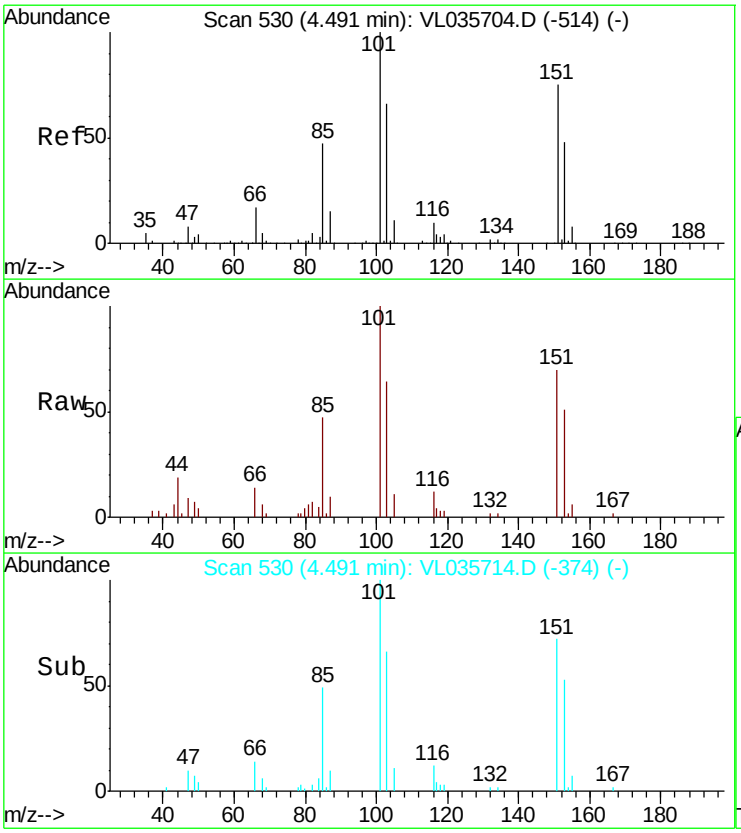
#11
Trichlorofluoromethane
Concen: 0.248 ppbv
RT: 3.95 min Scan# 363
Delta R.T. 0.00 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Instrument :
MSVOA_L
ClientSampleId :
B-1

Tgt Ion:101 Resp: 63725

Ion	Ratio	Lower	Upper
101	100		
103	61.9	55.6	83.4

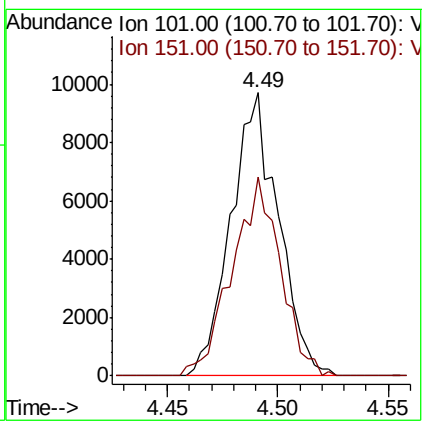


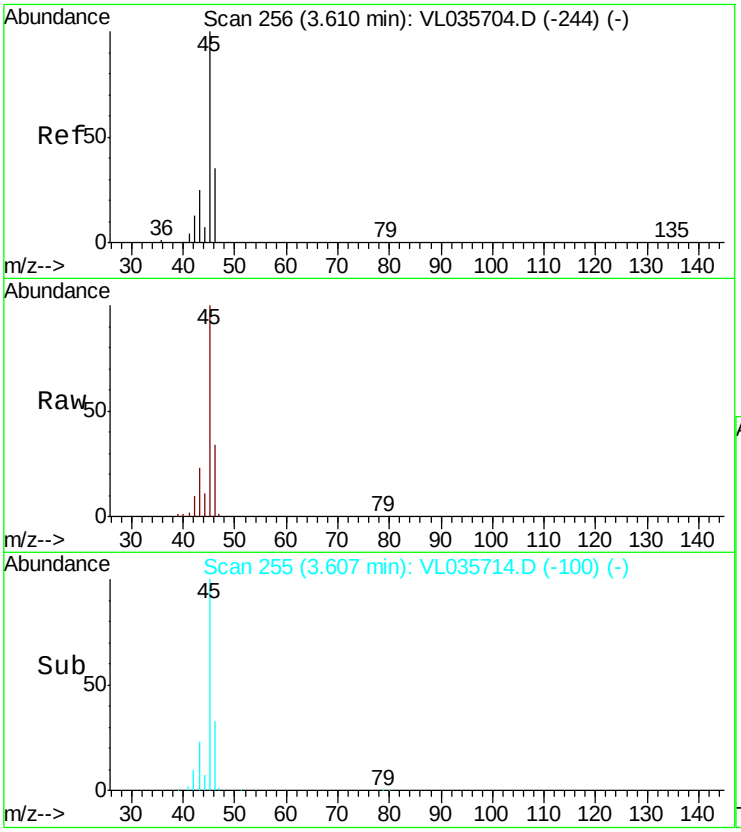


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.076 ppbv
RT: 4.49 min Scan# 530
Delta R.T. 0.00 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Tgt Ion:101 Resp: 14536

Ion	Ratio	Lower	Upper
101	100		
151	71.2	59.1	88.7



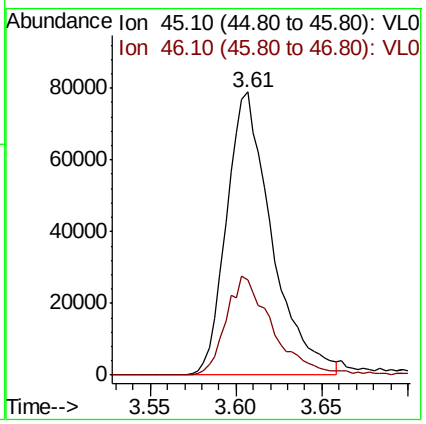


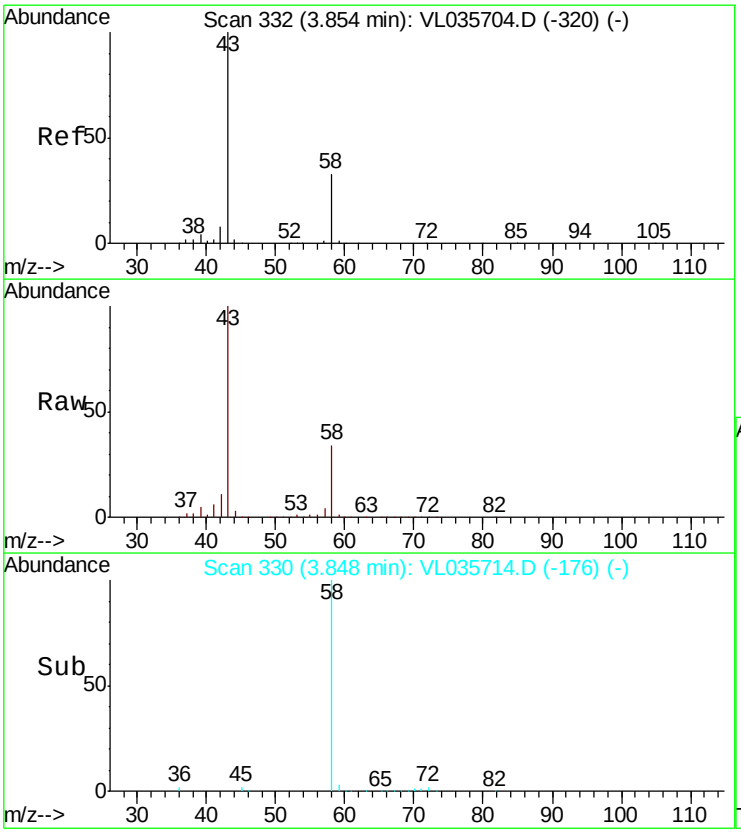
#13
Ethanol
Concen: 13.735 ppbv
RT: 3.61 min Scan# 255
Delta R.T. -0.00 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Instrument :
MSVOA_L
ClientSampleId :
B-1

Tgt Ion: 45 Resp: 145184

Ion	Ratio	Lower	Upper
45	100		
46	36.4	14.7	58.7

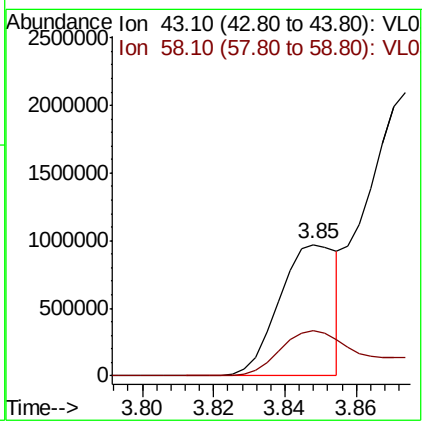


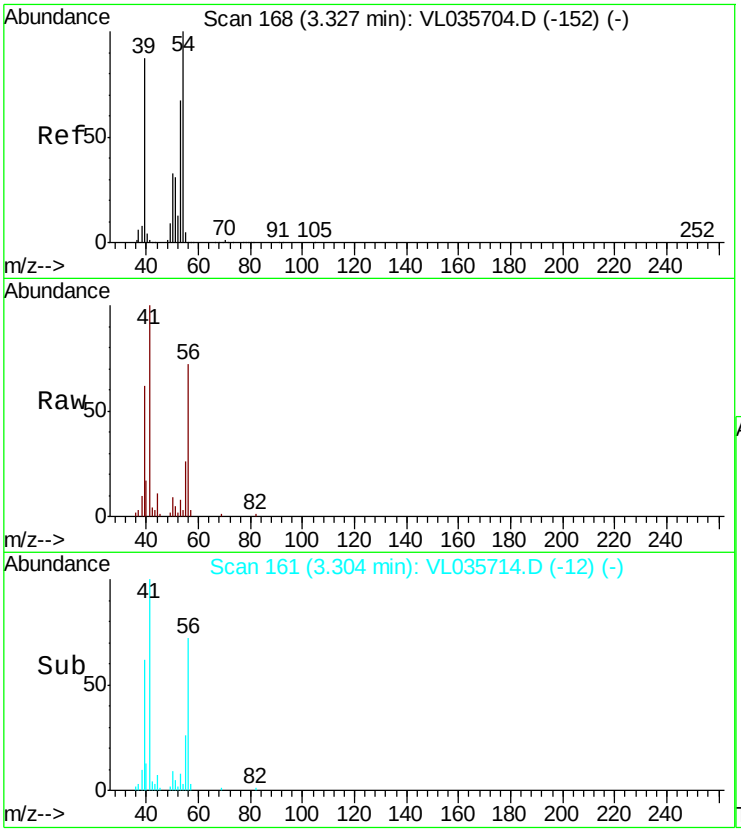


#15
Acetone
Concen: 9.219 ppbv
RT: 3.85 min Scan# 330
Delta R.T. -0.01 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Tgt Ion: 43 Resp: 1088601

Ion	Ratio	Lower	Upper
43	100		
58	57.3	27.3	40.9#



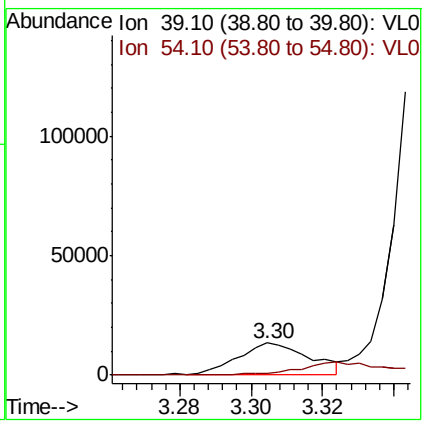


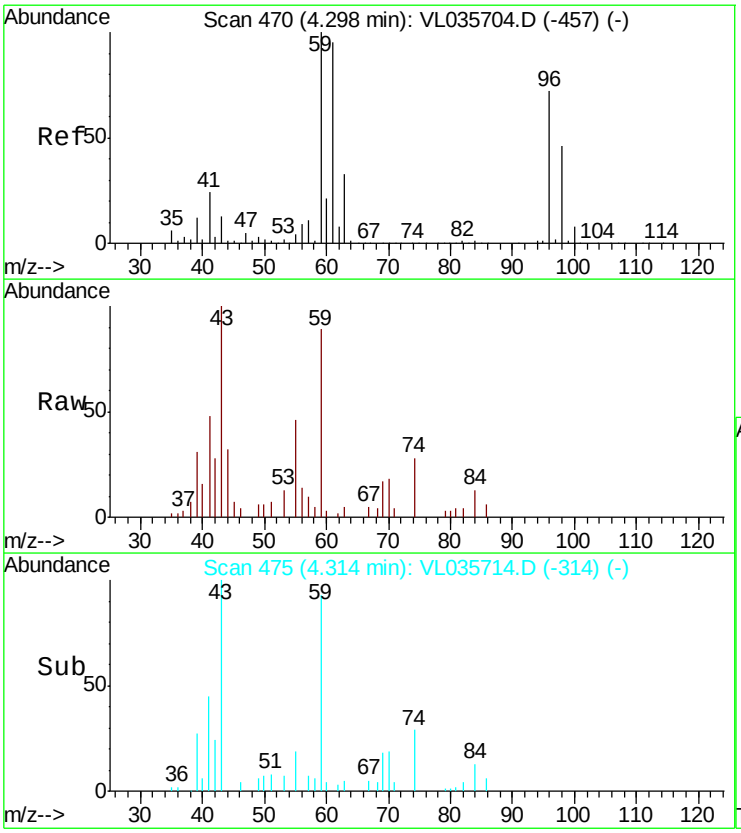
#16
1,3-Butadiene
Concen: 0.410 ppbv
RT: 3.30 min Scan# 161
Delta R.T. -0.02 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Instrument :
MSVOA_L
ClientSampleId :
B-1

Tgt Ion: 39 Resp: 17729

Ion	Ratio	Lower	Upper
39	100		
54	49.1	87.4	131.0#

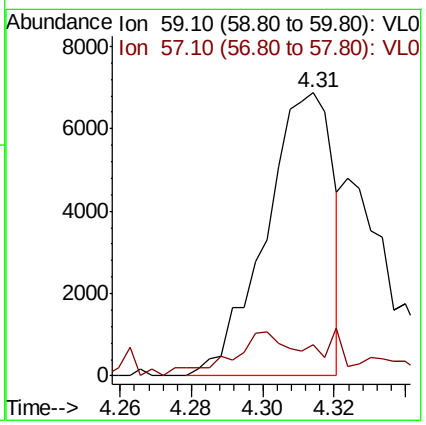


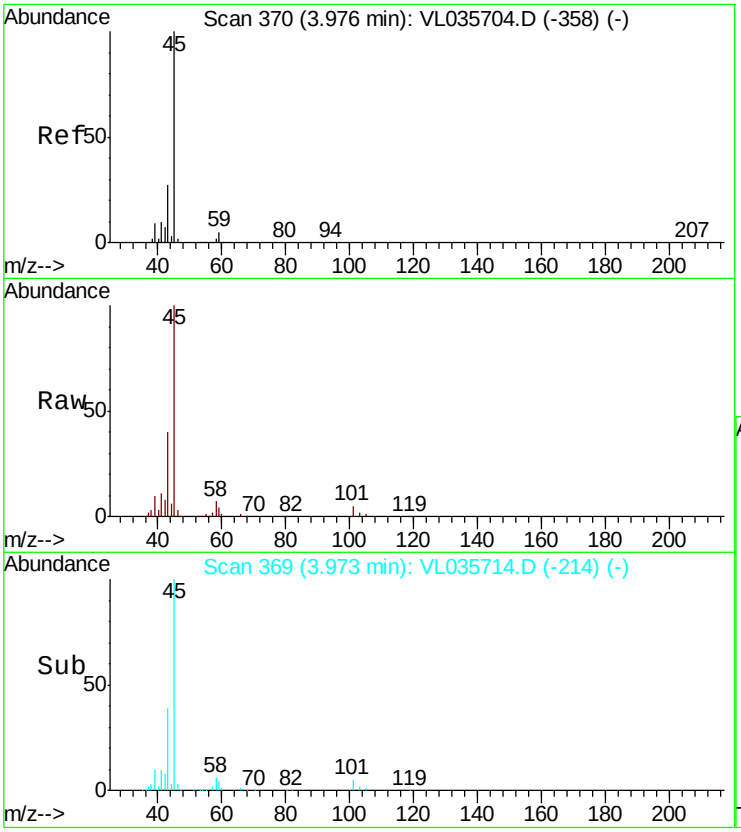


#17
tert-Butyl alcohol
Concen: 0.070 ppbv
RT: 4.31 min Scan# 475
Delta R.T. 0.02 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Tgt Ion: 59 Resp: 8944

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#



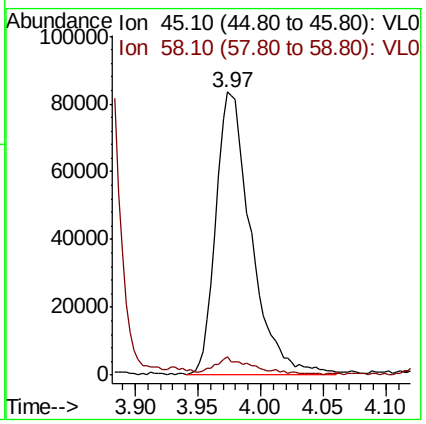


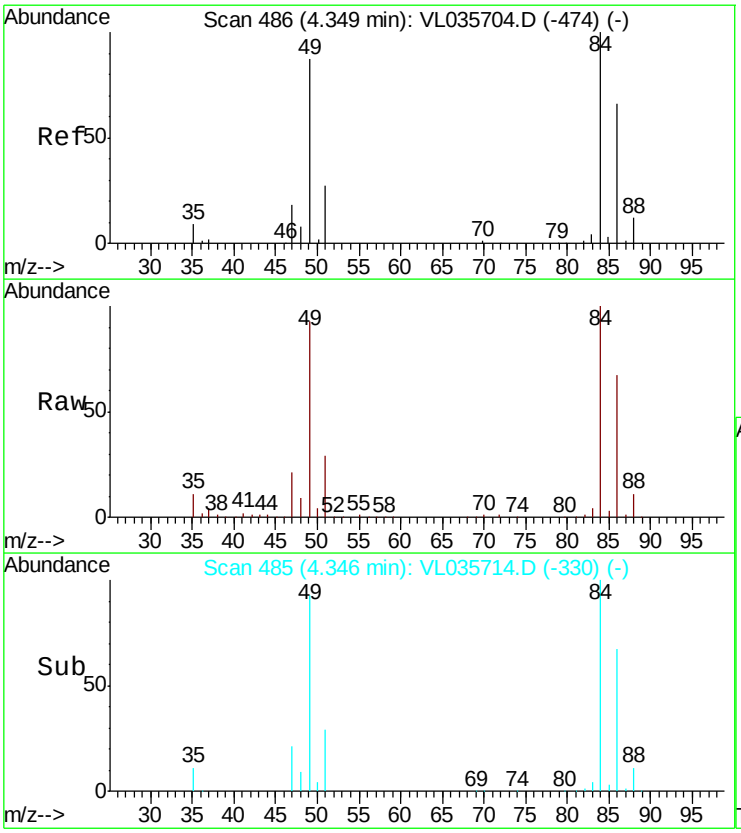
#19
Isopropyl Alcohol
Concen: 2.520 ppbv
RT: 3.97 min Scan# 369
Delta R.T. -0.00 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Instrument : MSVOA_L
ClientSampleId : B-1

Tgt Ion: 45 Resp: 161853

Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.8	4.2#

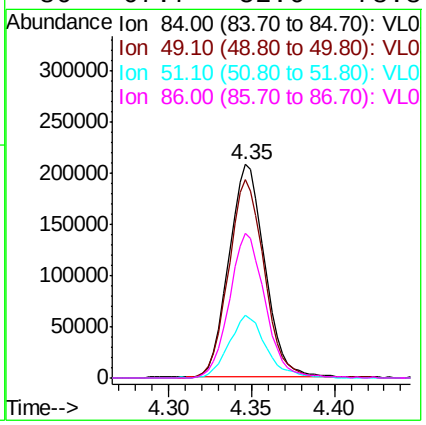


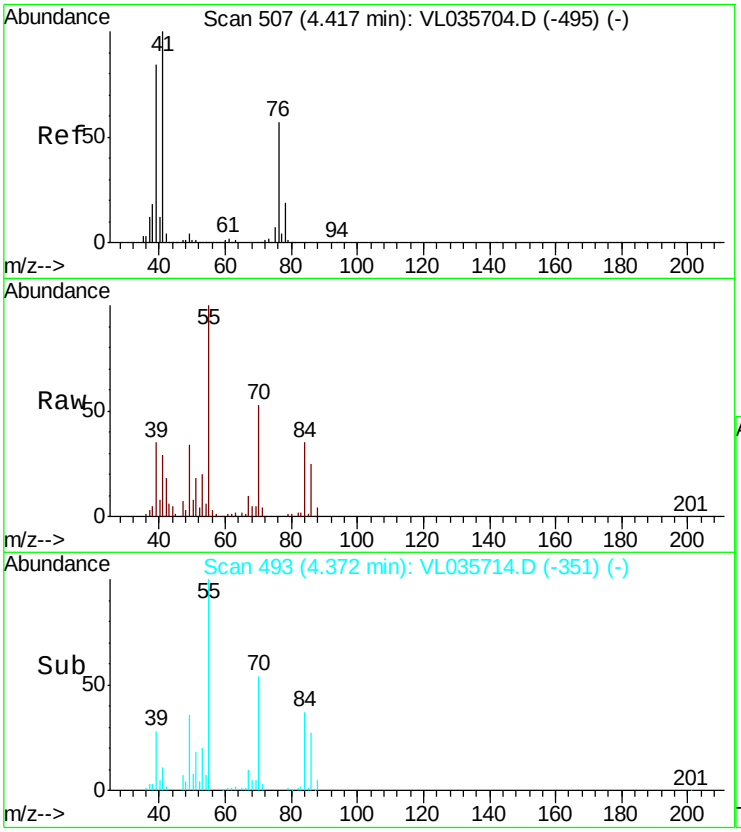


#20
Methylene Chloride
Concen: 3.613 ppbv
RT: 4.35 min Scan# 485
Delta R.T. -0.00 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Tgt Ion: 84 Resp: 313389

Ion	Ratio	Lower	Upper
84	100		
49	93.0	69.8	104.6
51	29.3	21.8	32.8
86	67.7	52.6	78.8



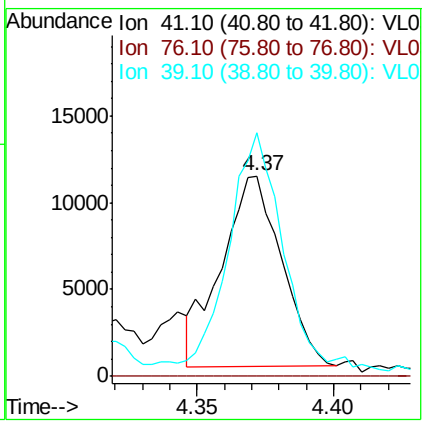


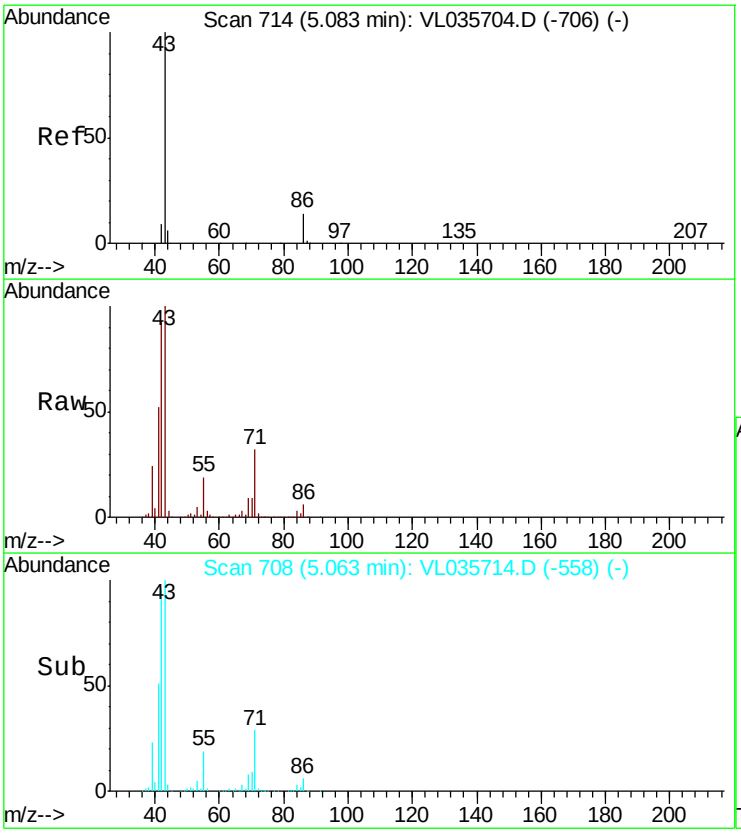
#21
Allyl Chloride
Concen: 0.294 ppbv
RT: 4.37 min Scan# 493
Delta R.T. -0.04 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Instrument : MSVOA_L
ClientSampleId : B-1

Tgt Ion: 41 Resp: 16807

Ion	Ratio	Lower	Upper
41	100		
76	0.0	44.8	67.2#
39	130.7	68.4	102.6#

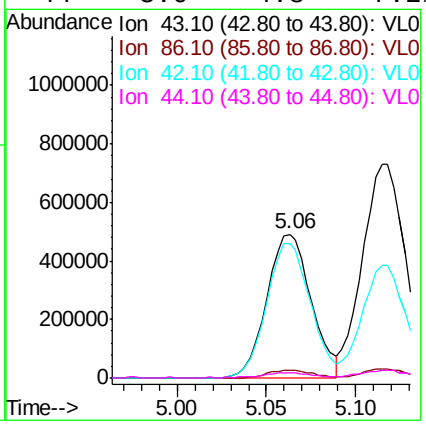


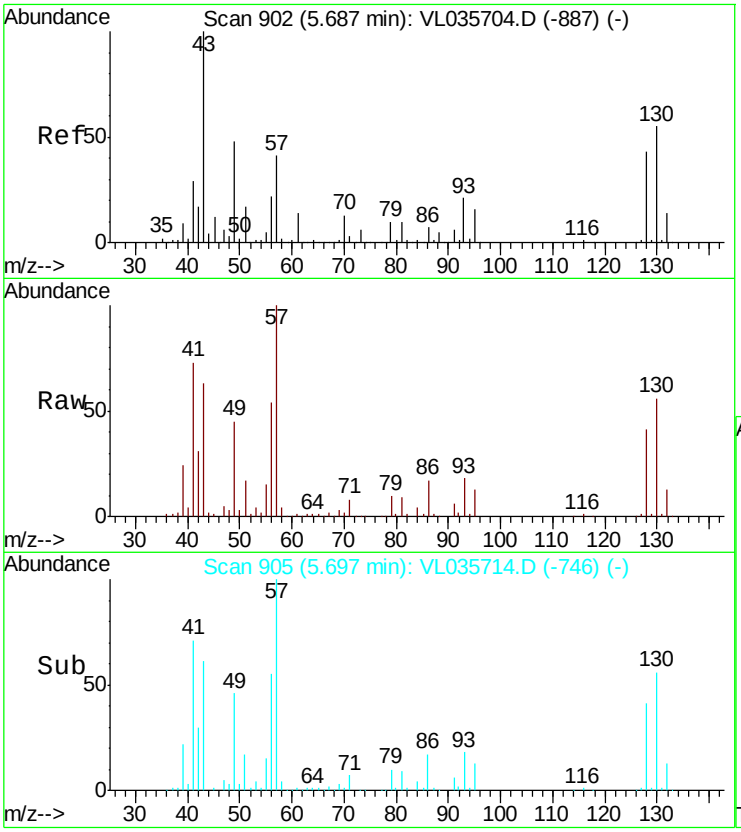


#23
Vinyl Acetate
Concen: 5.889 ppbv
RT: 5.06 min Scan# 708
Delta R.T. -0.02 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Tgt Ion: 43 Resp: 851769

Ion	Ratio	Lower	Upper
43	100		
86	5.8	9.7	14.5#
42	93.3	7.9	11.9#
44	3.0	4.8	7.2#



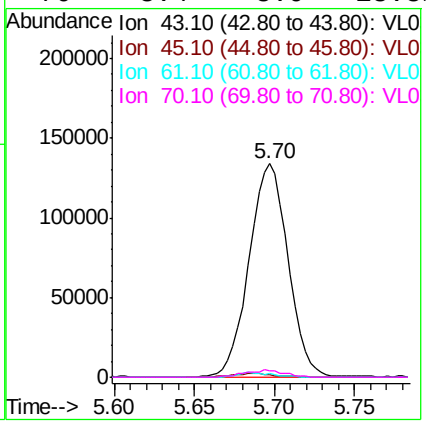


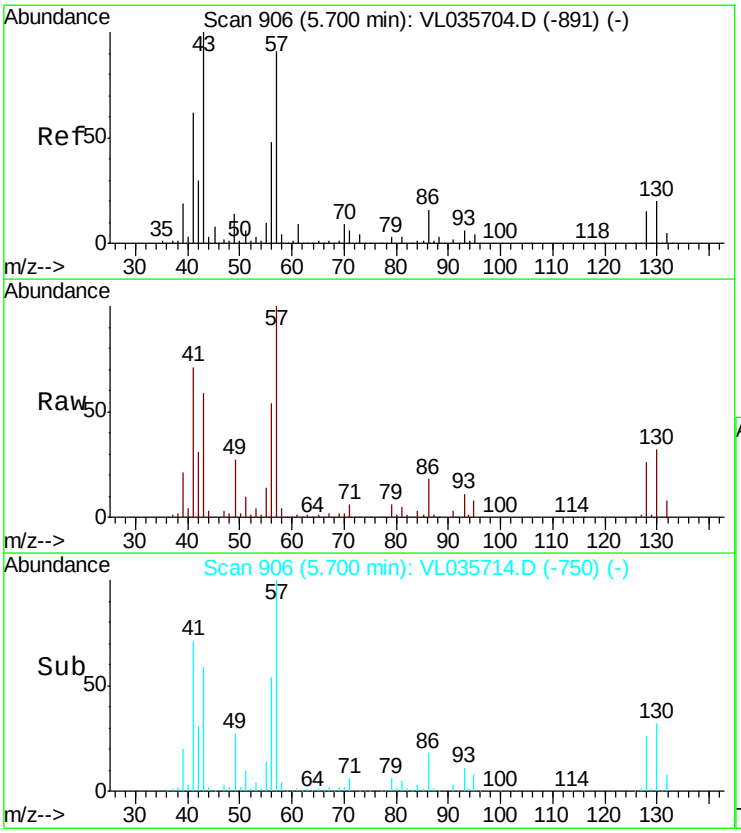
#25
Ethyl Acetate
Concen: 1.054 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.01 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Instrument : MSVOA_L
ClientSampleId : B-1

Tgt Ion: 43 Resp: 223886

Ion	Ratio	Lower	Upper
43	100		
45	1.9	8.6	12.8#
61	2.1	10.4	15.6#
70	3.4	8.9	13.3#

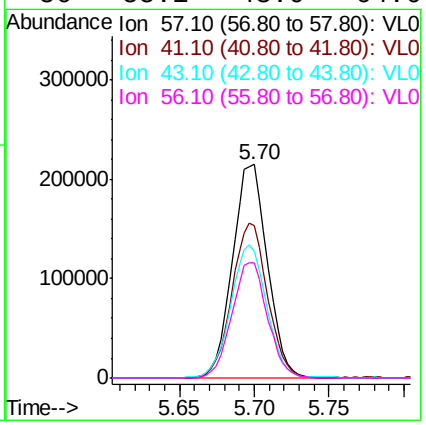


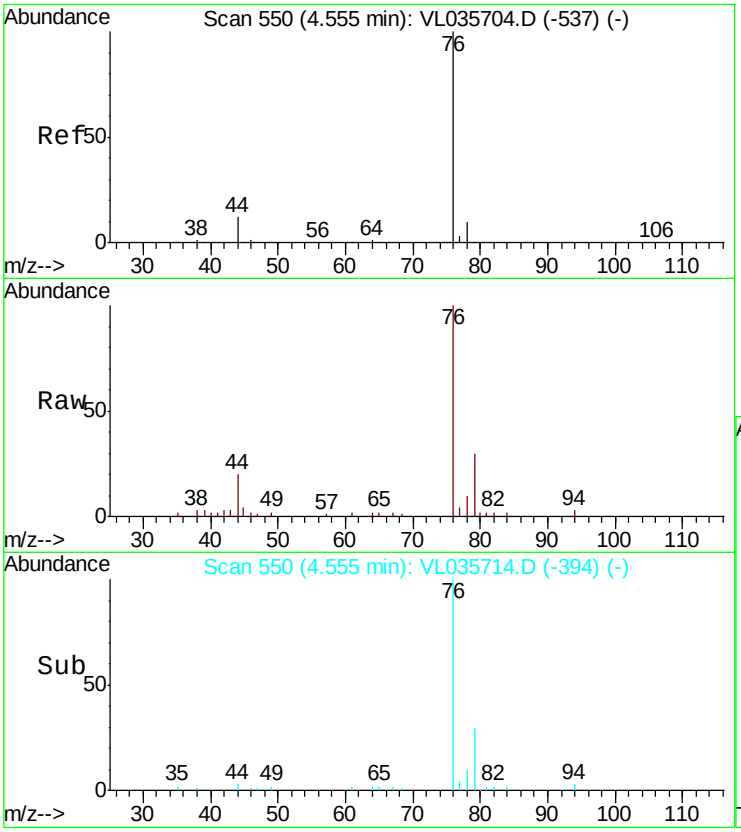


#26
Hexane
Concen: 3.005 ppbv
RT: 5.70 min Scan# 906
Delta R.T. 0.00 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Tgt Ion: 57 Resp: 349843

Ion	Ratio	Lower	Upper
57	100		
41	74.0	57.9	86.9
43	64.5	143.8	215.6#
56	55.1	43.0	64.6



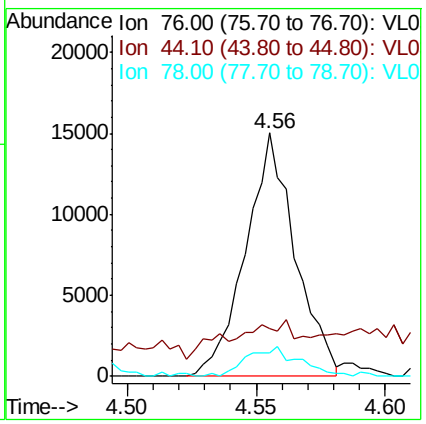


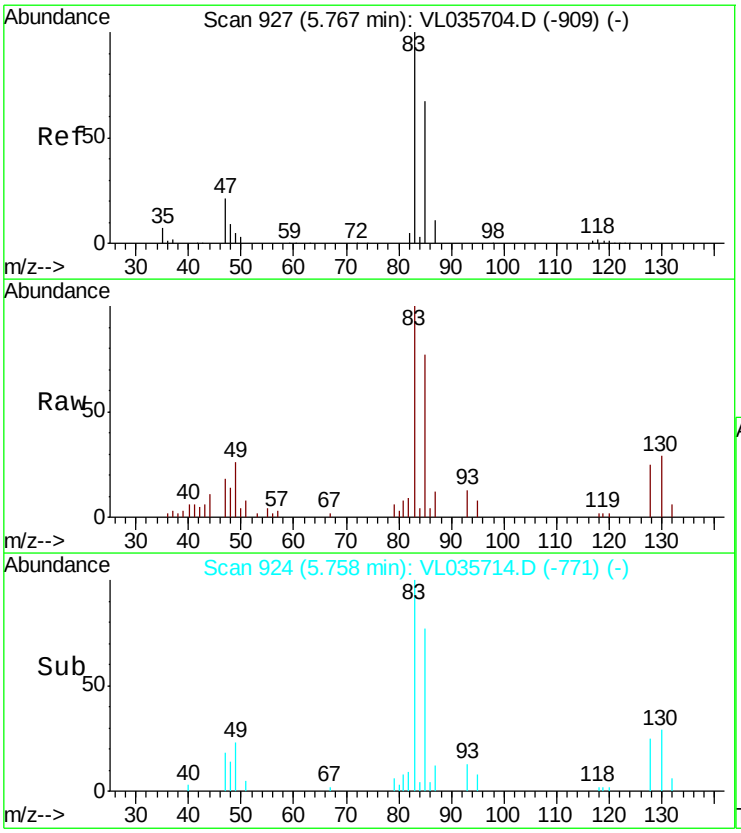
#27
Carbon Disulfide
Concen: 0.116 ppbv
RT: 4.56 min Scan# 550
Delta R.T. 0.00 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Instrument :
MSVOA_L
ClientSampleId :
B-1

Tgt Ion: 76 Resp: 20172

Ion	Ratio	Lower	Upper
76	100		
44	26.4	9.7	14.5#
78	13.2	7.8	11.8#

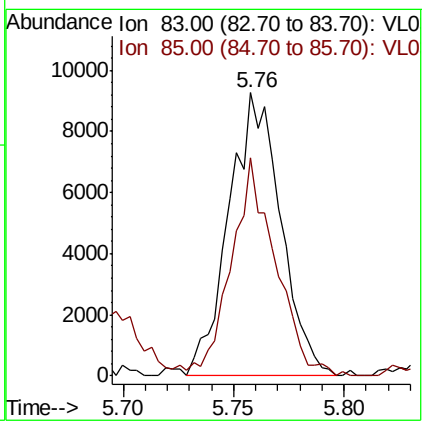


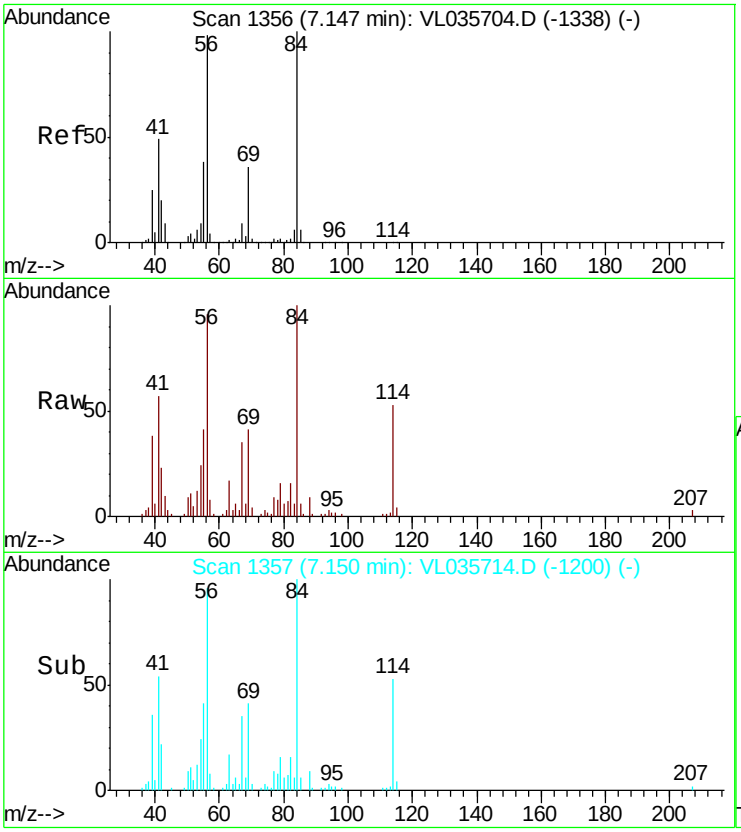


#29
Chloroform
Concen: 0.064 ppbv
RT: 5.76 min Scan# 924
Delta R.T. -0.01 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Tgt Ion: 83 Resp: 15173

Ion	Ratio	Lower	Upper
83	100		
85	77.2	54.0	81.0



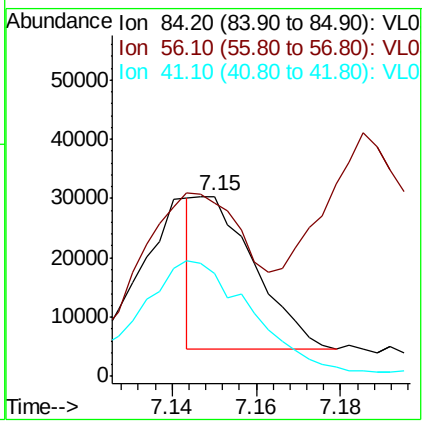


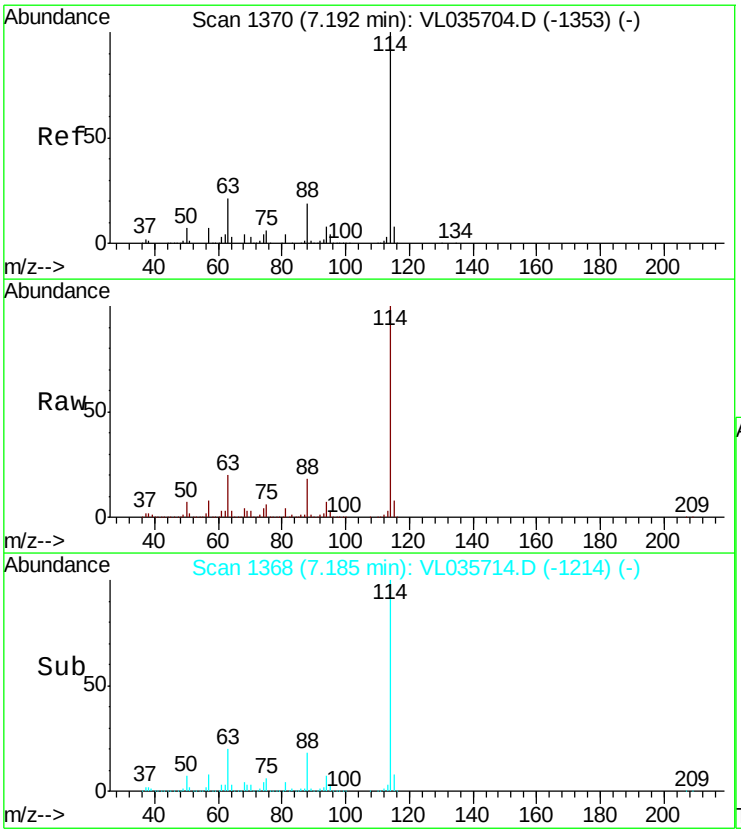
#30
Cyclohexane
Concen: 0.219 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. 0.00 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Instrument : MSVOA_L
ClientSampleId : B-1

Tgt Ion: 84 Resp: 25146

Ion	Ratio	Lower	Upper
84	100		
56	223.7	84.6	127.0#
41	146.2	41.1	61.7#

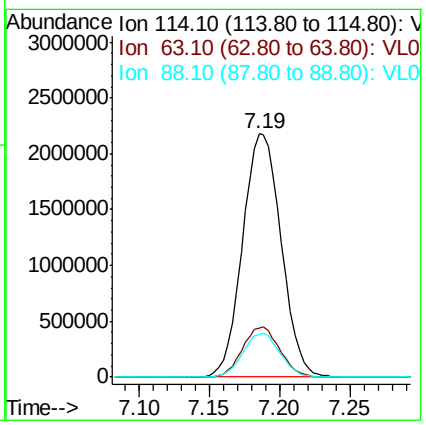


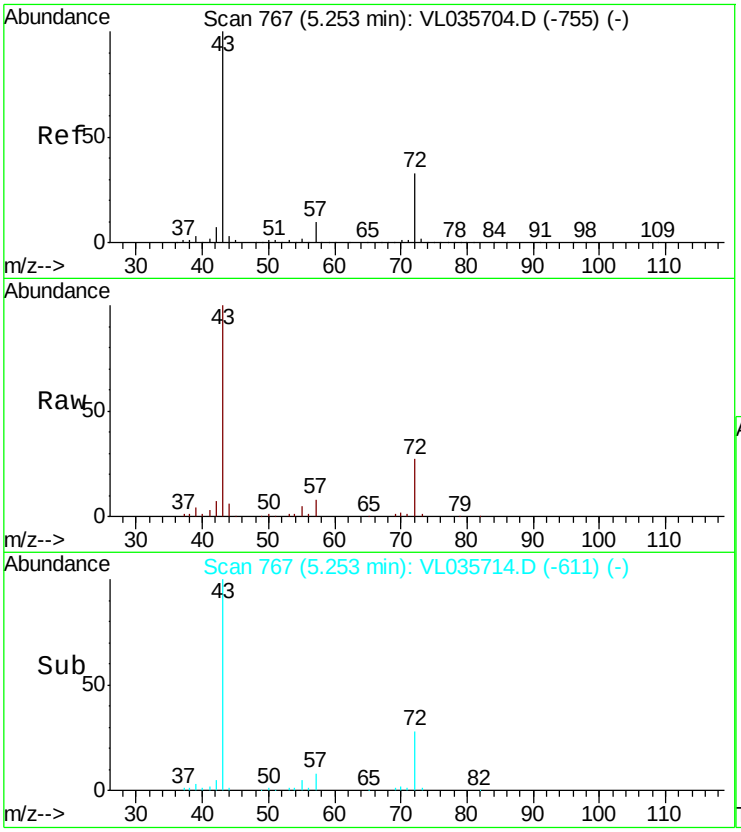


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Tgt Ion:114 Resp: 4176812

Ion	Ratio	Lower	Upper
114	100		
63	20.0	16.1	24.1
88	17.4	14.1	21.1



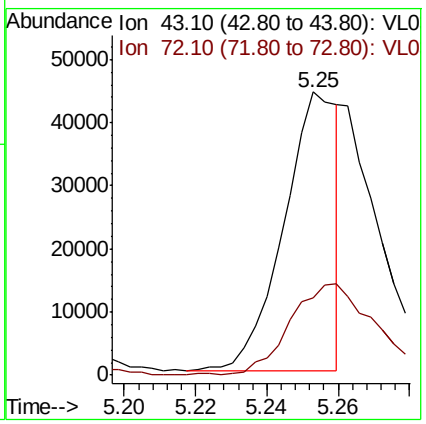


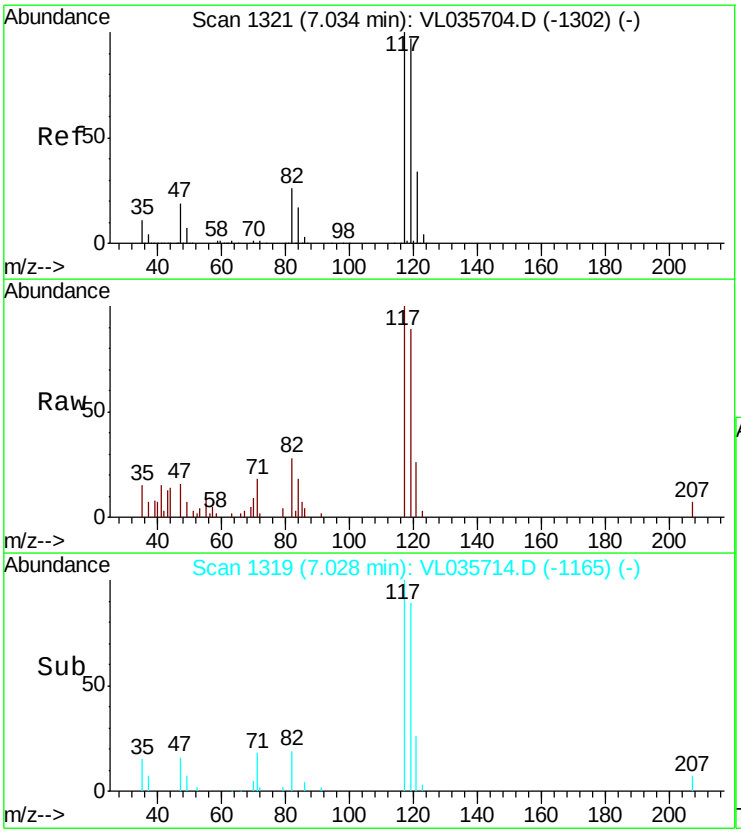
#34
2-Butanone
Concen: 0.334 ppbv
RT: 5.25 min Scan# 767
Delta R.T. 0.00 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Instrument :
MSVOA_L
ClientSampleId :
B-1

Tgt Ion: 43 Resp: 46201

Ion	Ratio	Lower	Upper
43	100		
72	53.2	26.1	39.1#

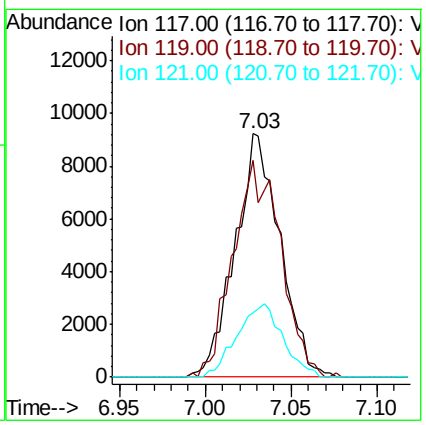


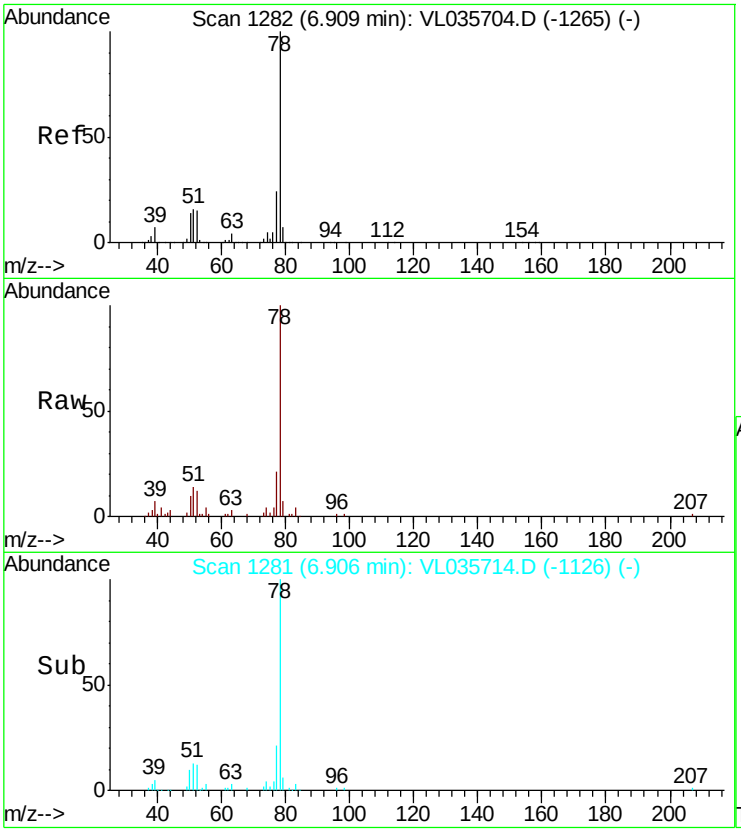


#35
Carbon Tetrachloride
Concen: 0.077 ppbv
RT: 7.03 min Scan# 1319
Delta R.T. -0.01 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Tgt Ion:117 Resp: 16829

Ion	Ratio	Lower	Upper
117	100		
119	88.9	77.7	116.5
121	26.3	26.9	40.3#



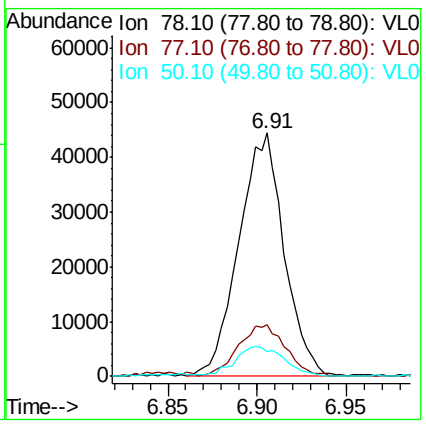


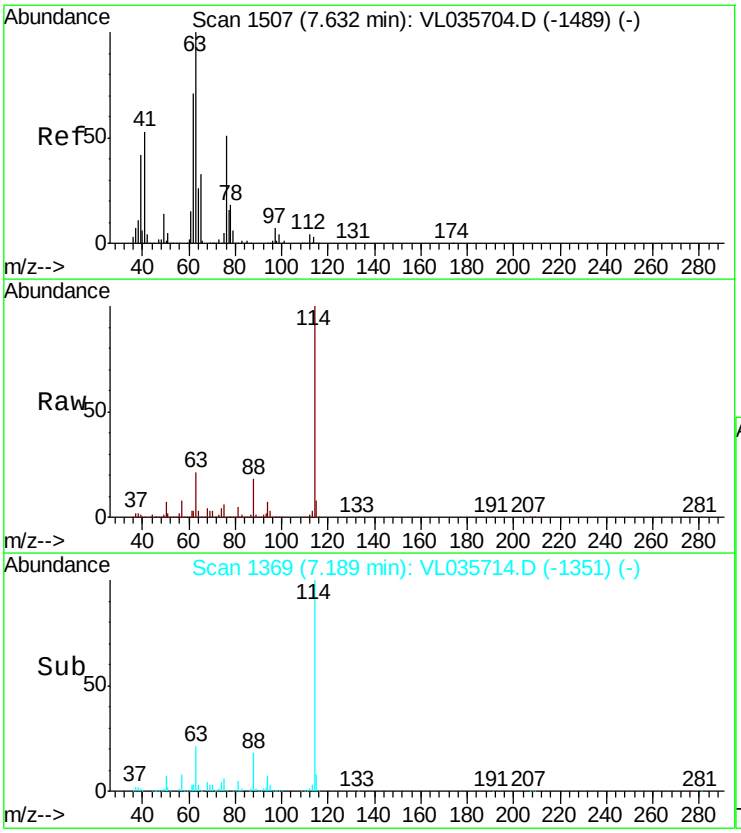
#36
Benzene
Concen: 0.287 ppbv
RT: 6.91 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Instrument :
MSVOA_L
ClientSampleId :
B-1

Tgt Ion: 78 Resp: 78074

Ion	Ratio	Lower	Upper
78	100		
77	20.7	19.3	28.9
50	10.4	11.6	17.4#

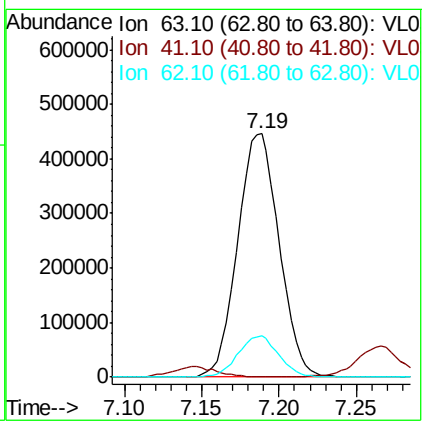


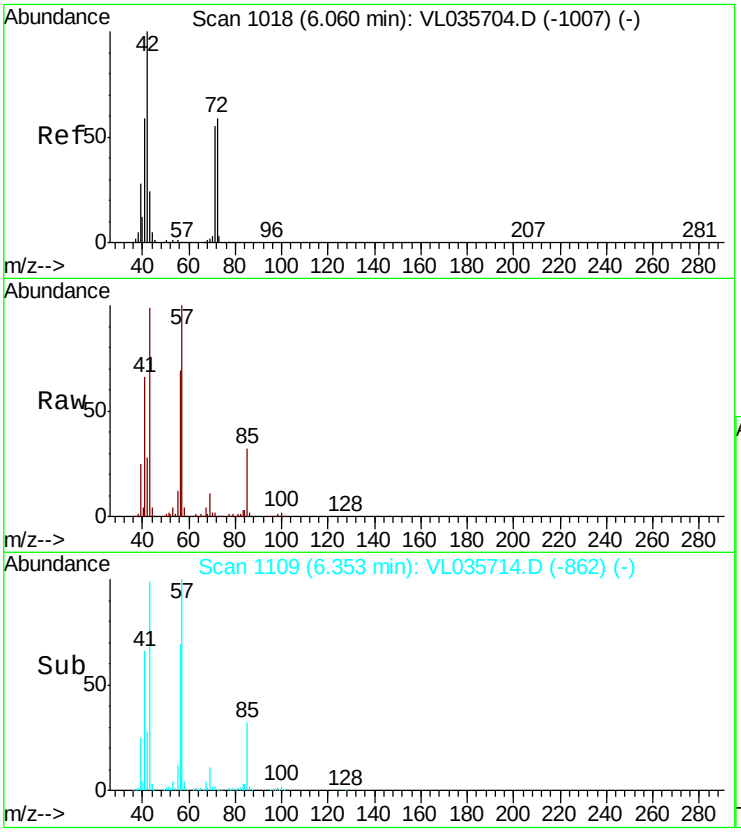


#39
1,2-Dichloropropane
Concen: 8.387 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. -0.44 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Tgt Ion: 63 Resp: 827377

Ion	Ratio	Lower	Upper
63	100		
41	0.0	42.6	63.8#
62	16.8	56.5	84.7#



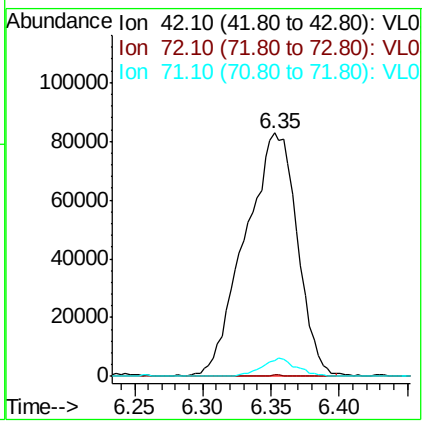


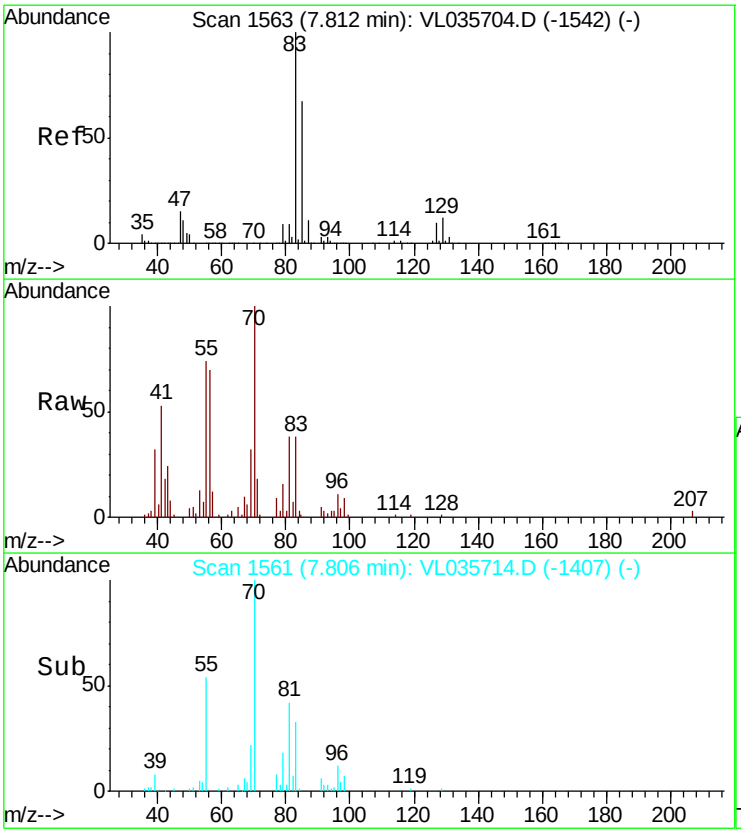
#41
Tetrahydrofuran
Concen: 3.164 ppbv
RT: 6.35 min Scan# 1109
Delta R.T. 0.29 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Instrument : MSVOA_L
ClientSampleId : B-1

Tgt Ion: 42 Resp: 220205

Ion	Ratio	Lower	Upper
42	100		
72	0.3	46.2	69.4#
71	5.0	44.2	66.4#

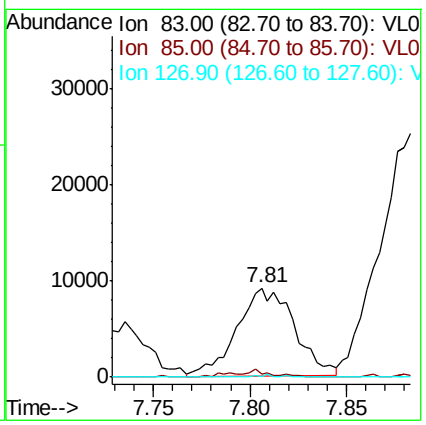


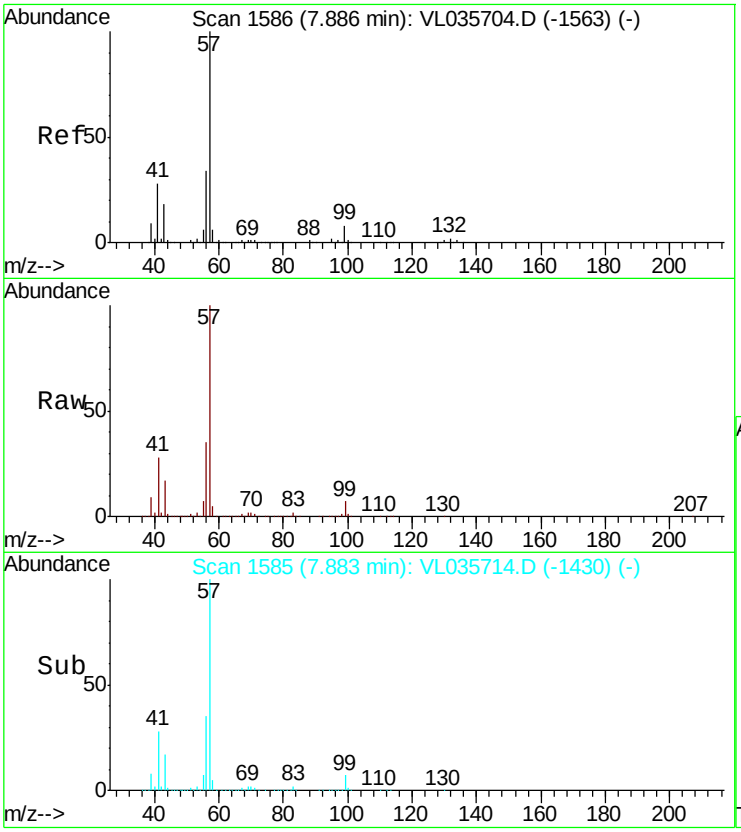


#42
Bromodichloromethane
Concen: 0.082 ppbv
RT: 7.81 min Scan# 1561
Delta R.T. -0.01 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Tgt Ion: 83 Resp: 18743

Ion	Ratio	Lower	Upper
83	100		
85	3.5	53.4	80.0#
127	0.0	7.8	11.6#



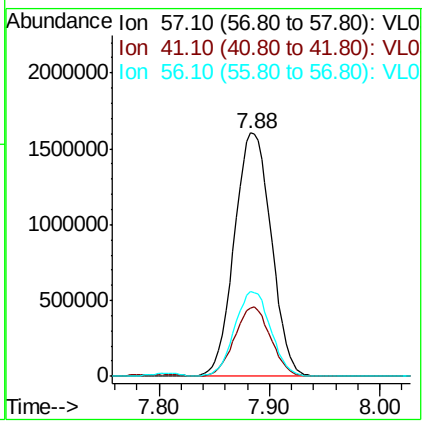


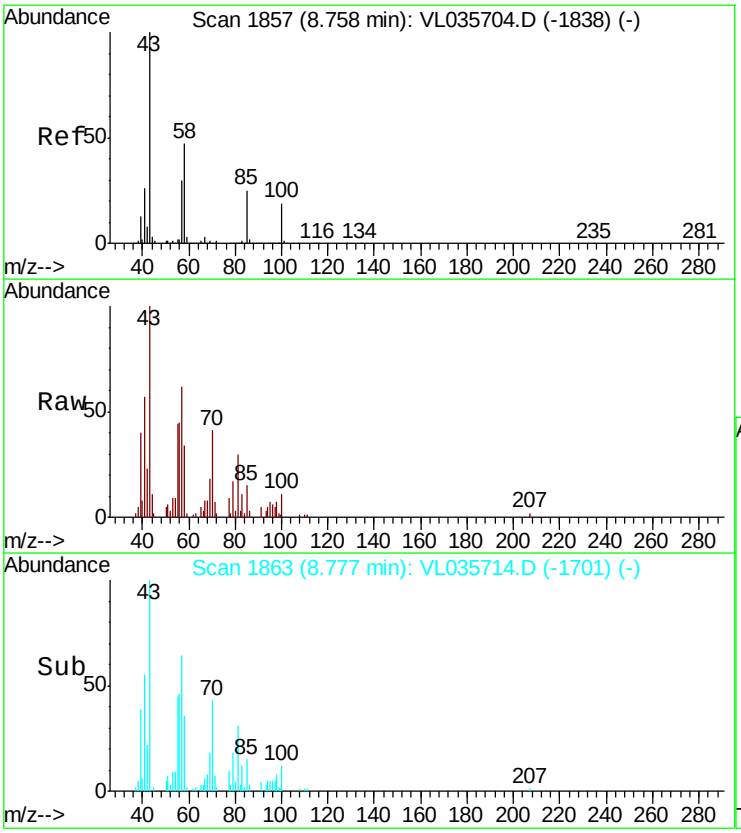
#44
2,2,4-Trimethylpentane
Concen: 9.499 ppbv
RT: 7.88 min Scan# 1585
Delta R.T. -0.00 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Instrument :
MSVOA_L
ClientSampleId :
B-1

Tgt Ion: 57 Resp: 3709939

Ion	Ratio	Lower	Upper
57	100		
41	27.8	21.2	31.8
56	34.2	25.8	38.8

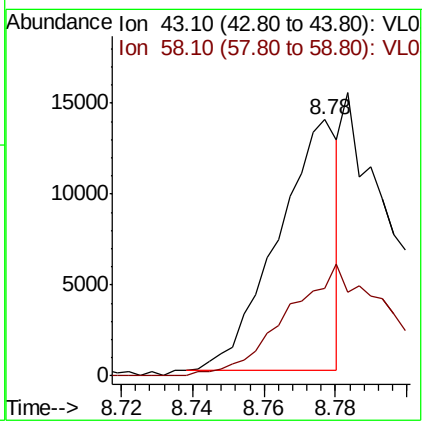


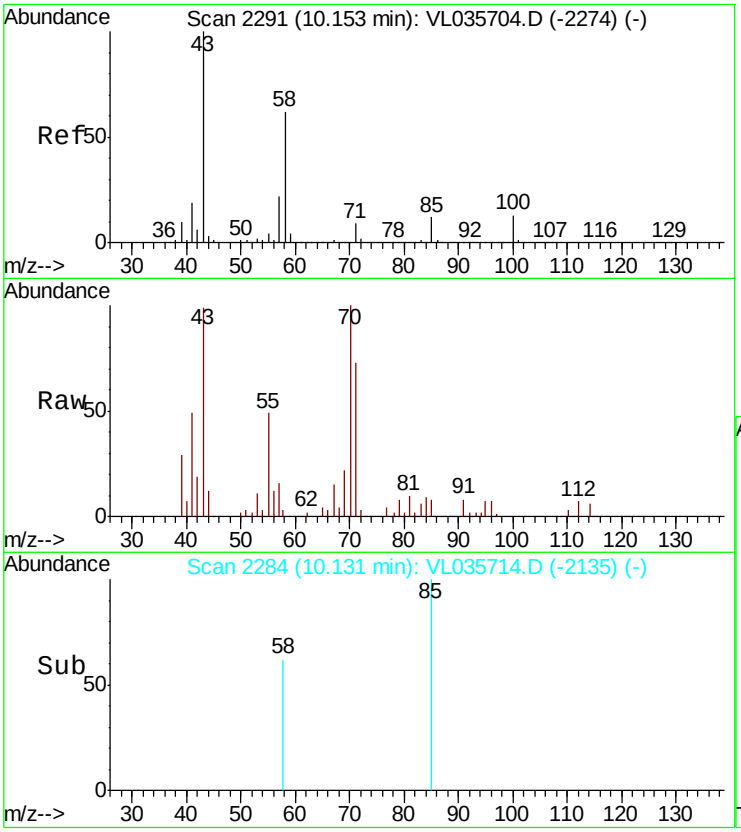


#50
4-Methyl-2-Pentanone
Concen: 0.080 ppbv
RT: 8.78 min Scan# 1863
Delta R.T. 0.02 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Tgt Ion: 43 Resp: 16057

Ion	Ratio	Lower	Upper
43	100		
58	0.0	36.6	54.8#



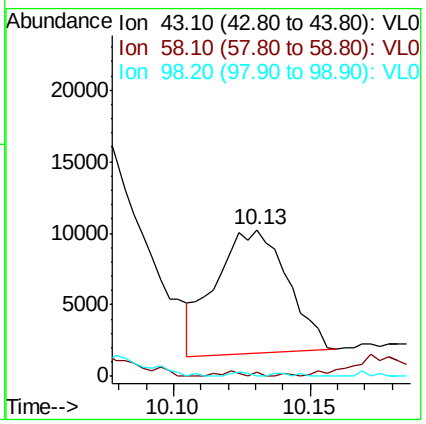


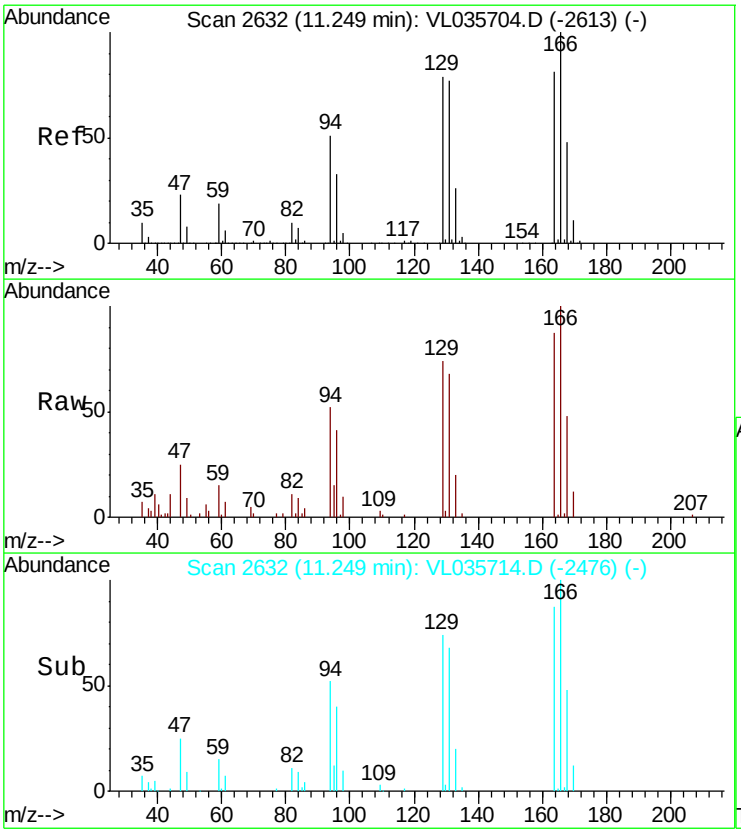
#51
2-Hexanone
Concen: 0.098 ppbv
RT: 10.13 min Scan# 2284
Delta R.T. -0.02 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Instrument : MSVOA_L
ClientSampleId : B-1

Tgt Ion: 43 Resp: 15879

Ion	Ratio	Lower	Upper
43	100		
58	22.5	48.7	73.1#
98	1.6	0.7	1.1#

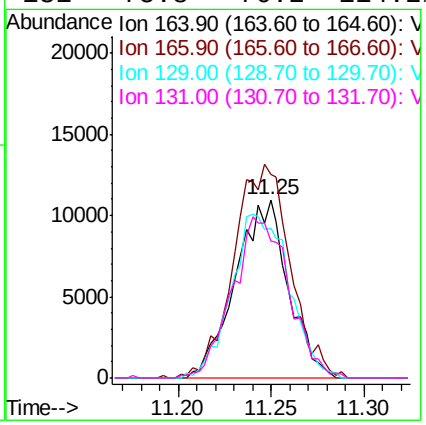


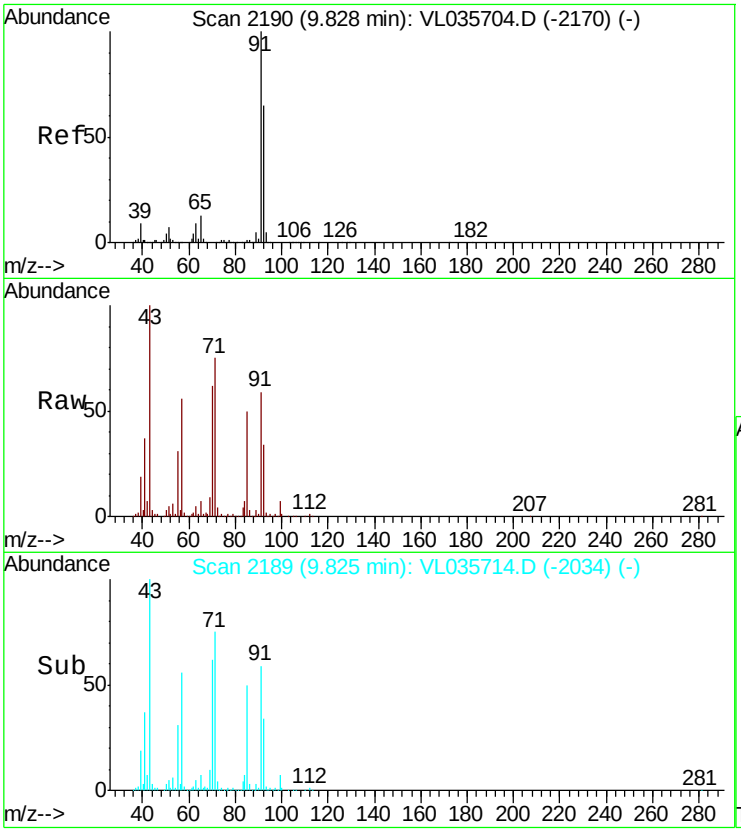


#52
Tetrachloroethene
Concen: 0.165 ppbv
RT: 11.25 min Scan# 2632
Delta R.T. 0.00 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Tgt Ion:164 Resp: 21593

Ion	Ratio	Lower	Upper
164	100		
166	112.7	98.7	148.1
129	81.7	78.4	117.6
131	75.8	76.2	114.2#



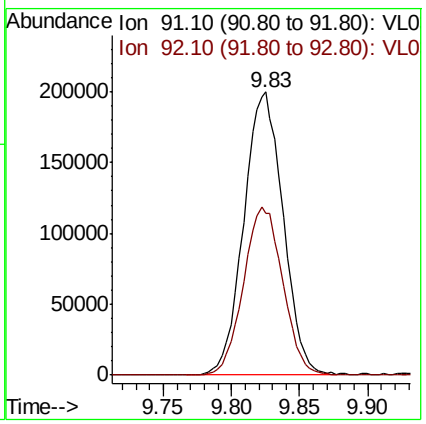


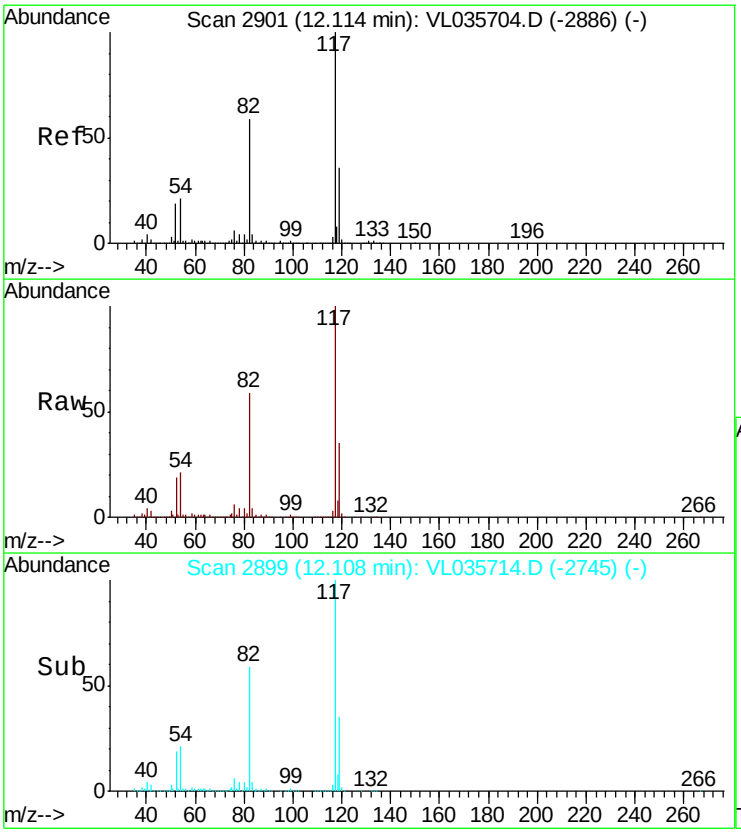
#53
Toluene
Concen: 1.245 ppbv
RT: 9.83 min Scan# 2189
Delta R.T. -0.00 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Instrument : MSVOA_L
ClientSampleId : B-1

Tgt Ion: 91 Resp: 399605

Ion	Ratio	Lower	Upper
91	100		
92	59.3	50.0	75.0

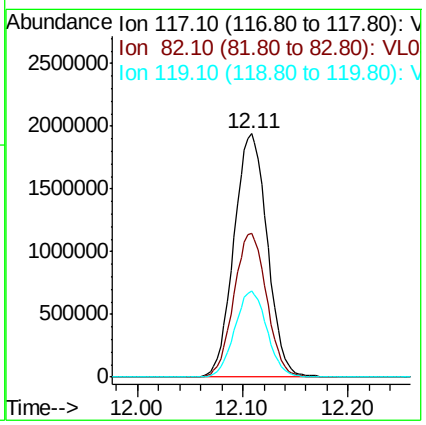


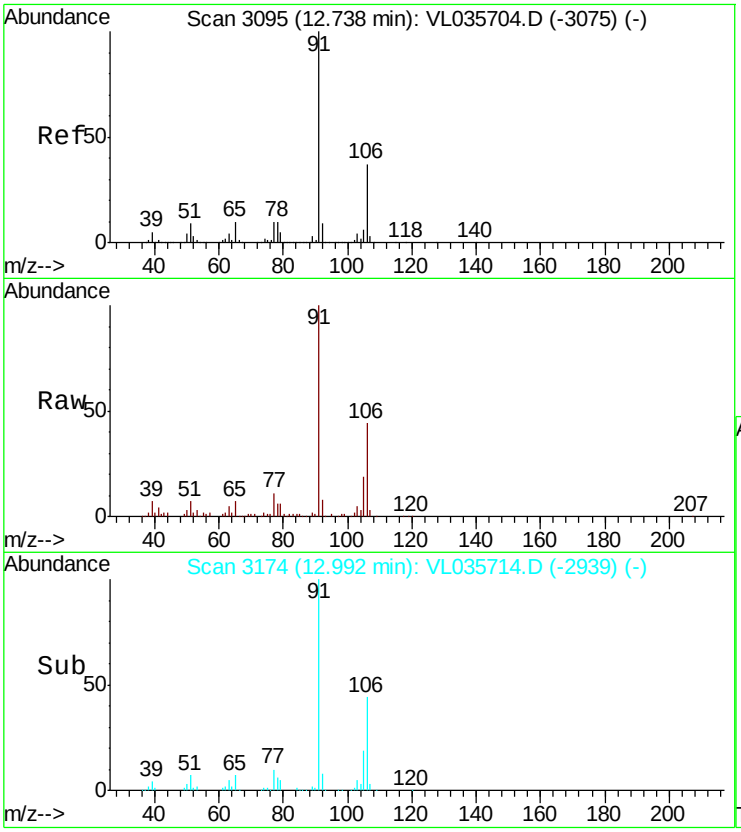


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.01 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Tgt Ion:117 Resp: 4257421

Ion	Ratio	Lower	Upper
117	100		
82	58.3	46.1	69.1
119	34.3	28.0	42.0



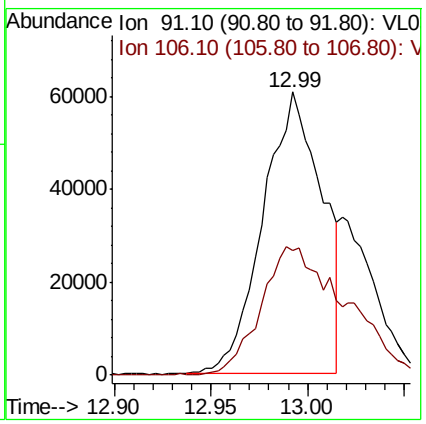


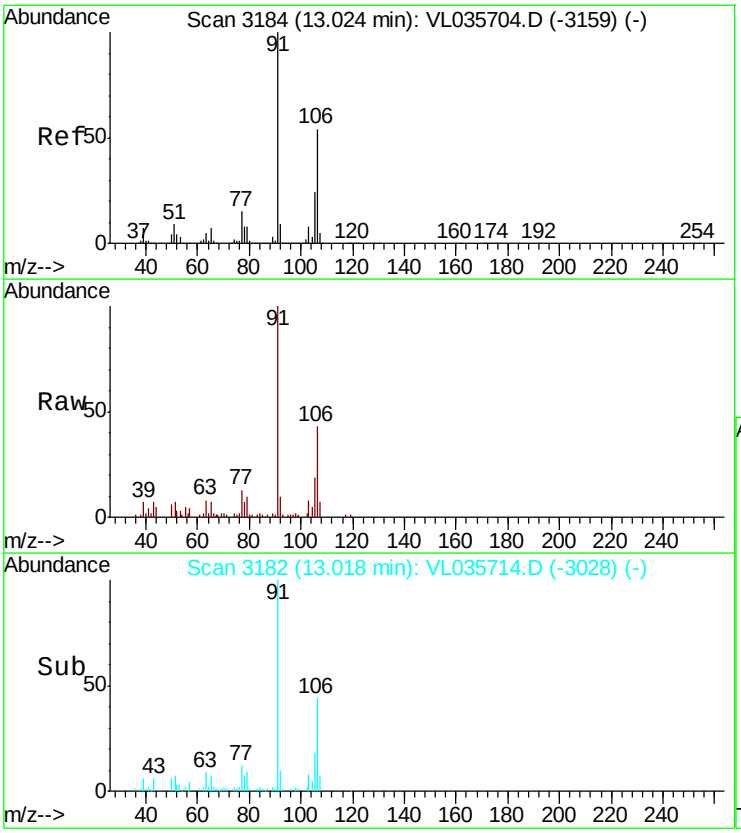
#58
Ethyl Benzene
Concen: 0.301 ppbv
RT: 12.99 min Scan# 3174
Delta R.T. 0.25 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Instrument : MSVOA_L
ClientSampleId : B-1

Tgt Ion: 91 Resp: 128458

Ion	Ratio	Lower	Upper
91	100		
106	44.0	29.7	44.5

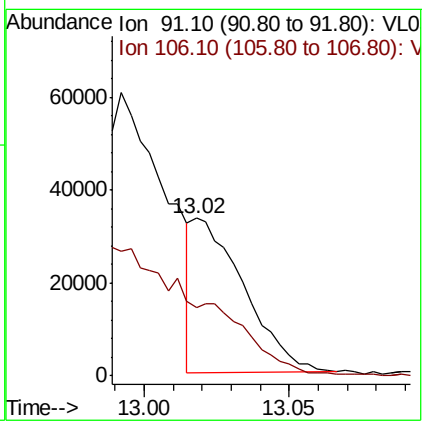


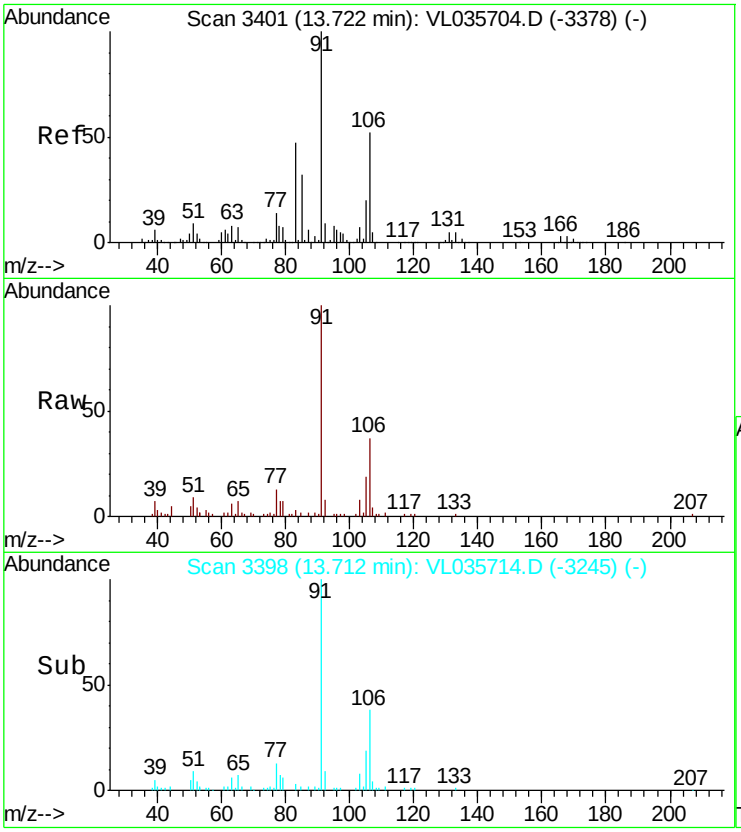


#59
m/p-Xylene
Concen: 0.109 ppbv
RT: 13.02 min Scan# 3182
Delta R.T. -0.01 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Tgt Ion: 91 Resp: 40718

Ion	Ratio	Lower	Upper
91	100		
106	0.0	41.4	62.0#



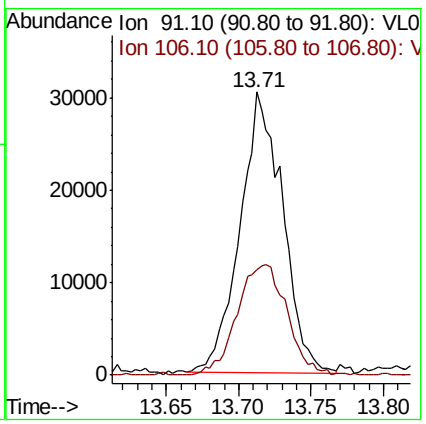


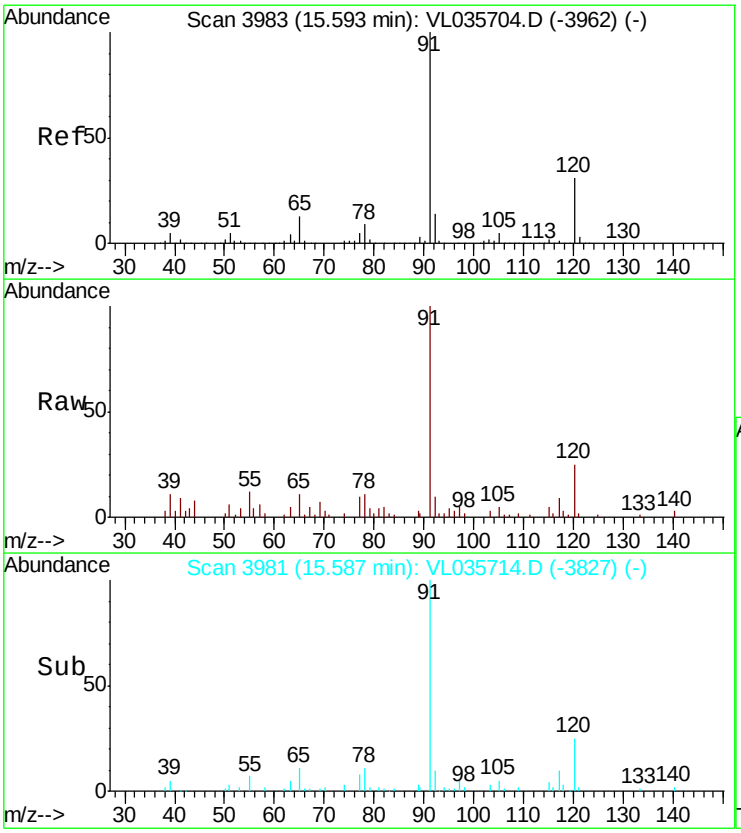
#60
o-Xylene
Concen: 0.164 ppbv
RT: 13.71 min Scan# 3398
Delta R.T. -0.01 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Instrument : MSVOA_L
ClientSampleId : B-1

Tgt Ion: 91 Resp: 61734

Ion	Ratio	Lower	Upper
91	100		
106	46.6	25.0	75.0

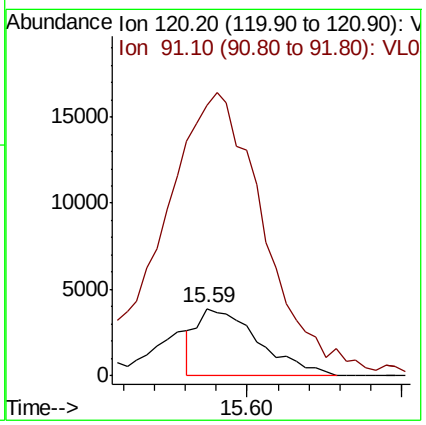


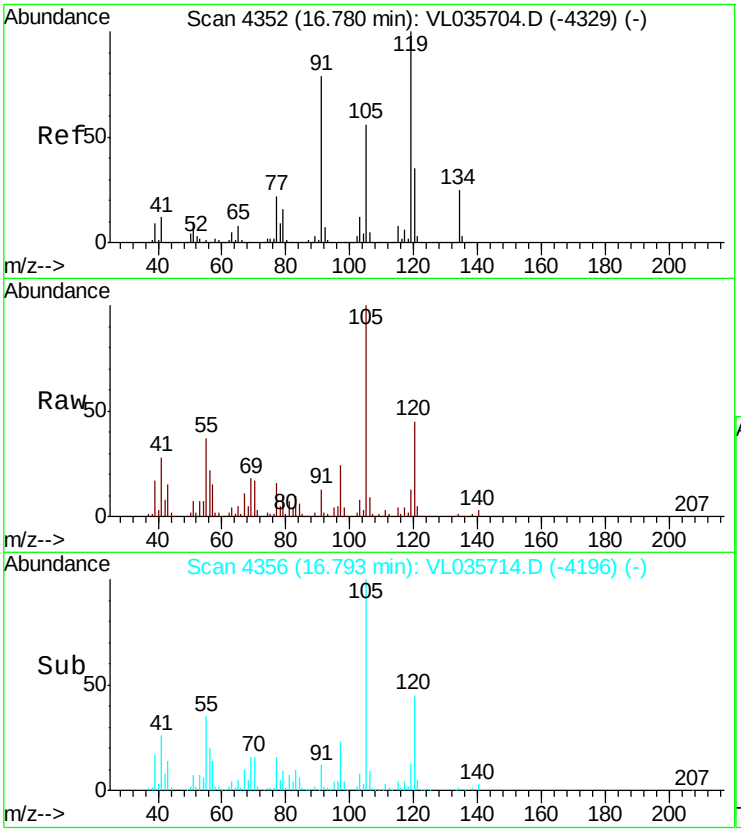


#64
n-propylbenzene
Concen: 0.031 ppbv
RT: 15.59 min Scan# 3981
Delta R.T. -0.01 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Tgt Ion:120 Resp: 5372

Ion	Ratio	Lower	Upper
120	100		
91	698.9	300.4	450.6#



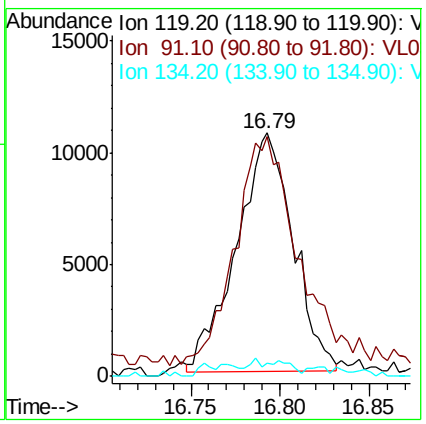


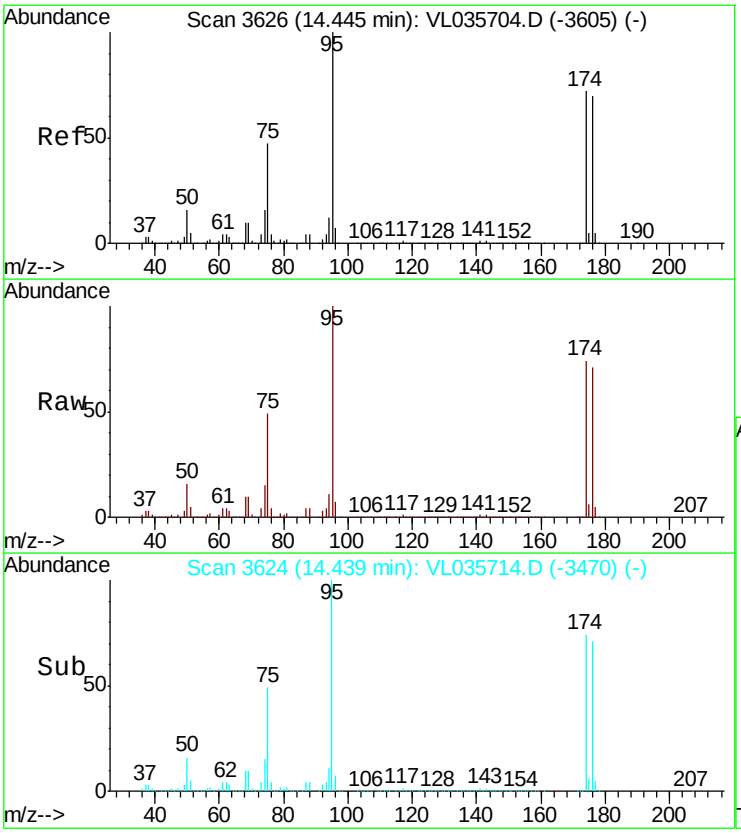
#65
tert-Butylbenzene
Concen: 0.044 ppbv
RT: 16.79 min Scan# 4356
Delta R.T. 0.01 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Instrument : MSVOA_L
ClientSampleId : B-1

Tgt Ion:119 Resp: 23539

Ion	Ratio	Lower	Upper
119	100		
91	116.0	62.4	93.6#
134	8.1	18.2	27.2#

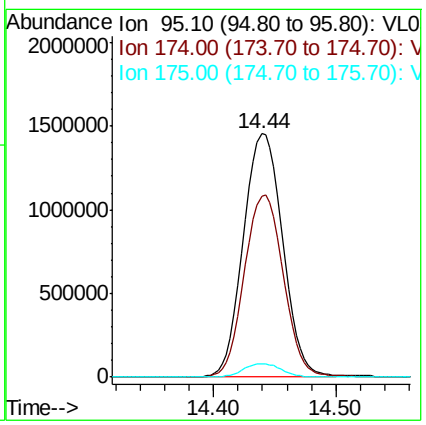


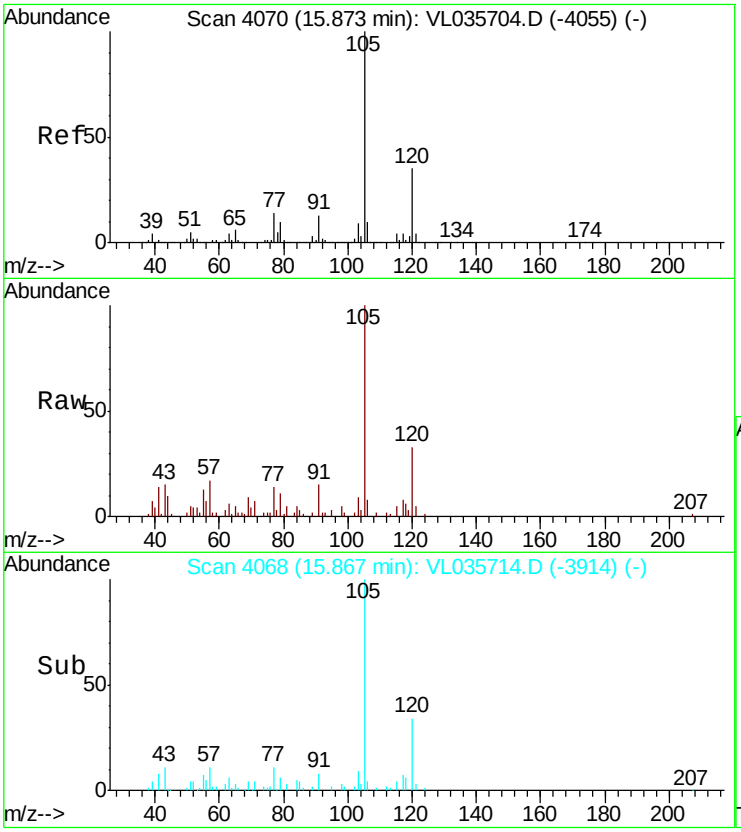


#68
1-Bromo-4-Fluorobenzene
Concen: 10.183 ppbv
RT: 14.44 min Scan# 3624
Delta R.T. -0.01 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Tgt Ion: 95 Resp: 3248582

Ion	Ratio	Lower	Upper
95	100		
174	74.9	59.6	89.4
175	5.5	4.2	6.4



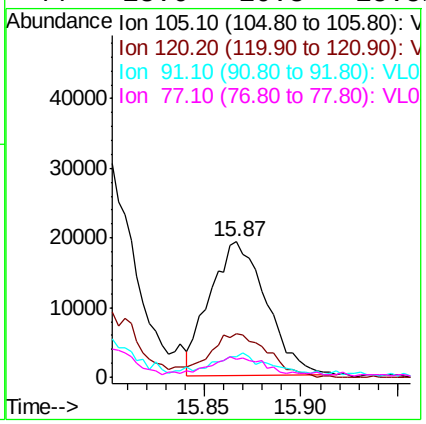


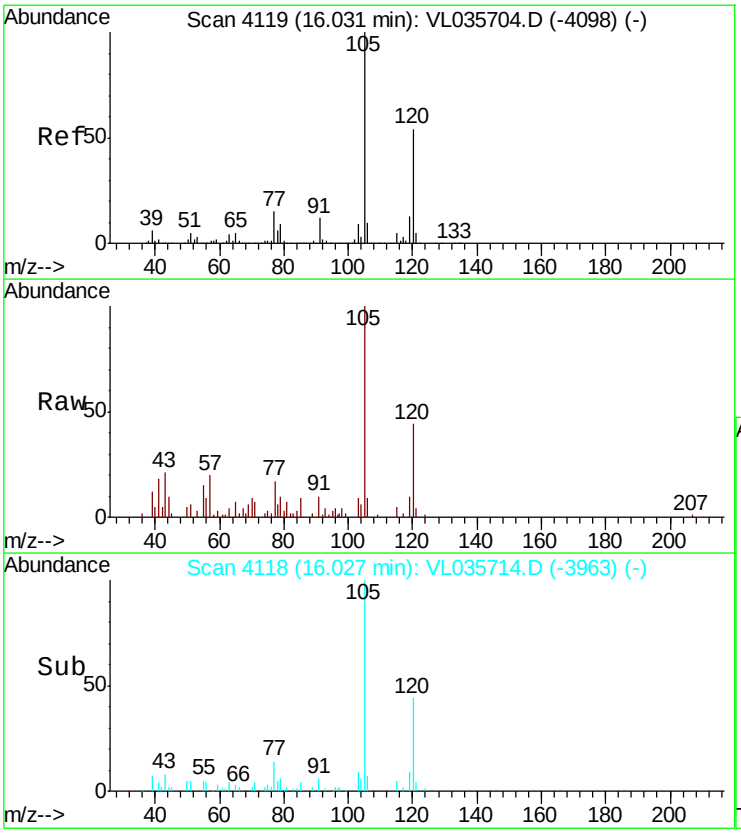
#72
4-Ethyltoluene
Concen: 0.087 ppbv
RT: 15.87 min Scan# 4068
Delta R.T. -0.01 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Instrument :
MSVOA_L
ClientSampleId :
B-1

Tgt Ion:105 Resp: 38765

Ion	Ratio	Lower	Upper
105	100		
120	34.0	26.5	39.7
91	18.1	10.2	15.2#
77	18.6	10.3	15.5#

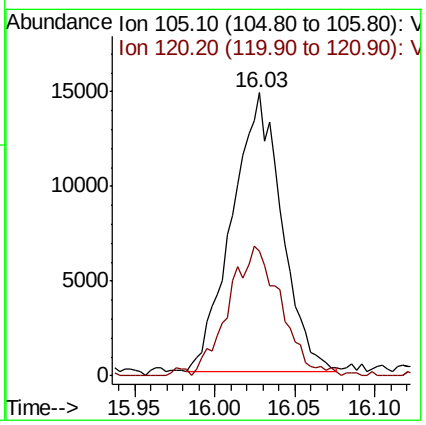


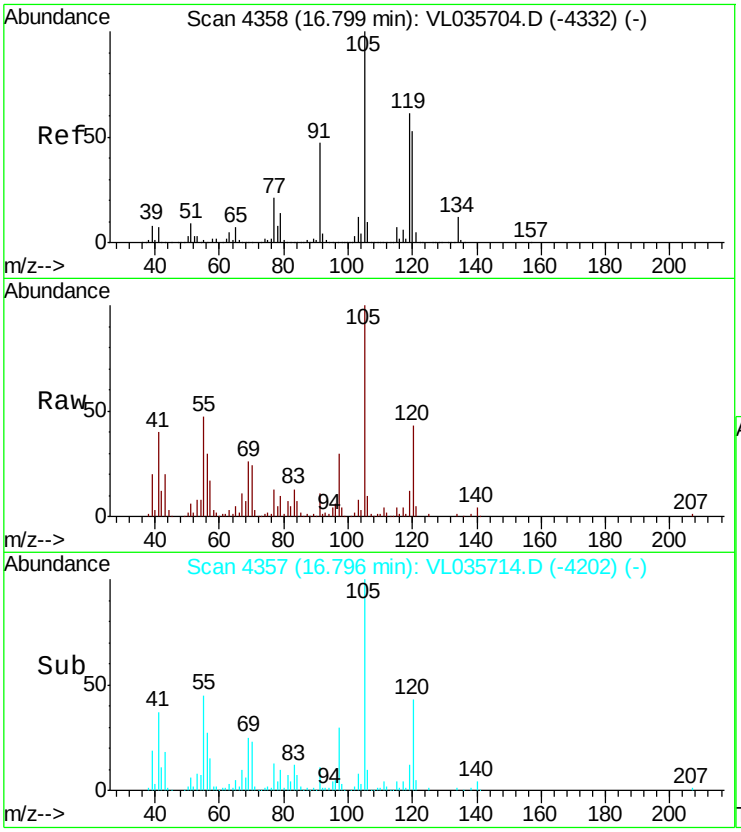


#73
1,3,5-Trimethylbenzene
Concen: 0.074 ppbv
RT: 16.03 min Scan# 4118
Delta R.T. -0.00 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Tgt Ion:105 Resp: 31433

Ion	Ratio	Lower	Upper
105	100		
120	43.1	43.0	64.4



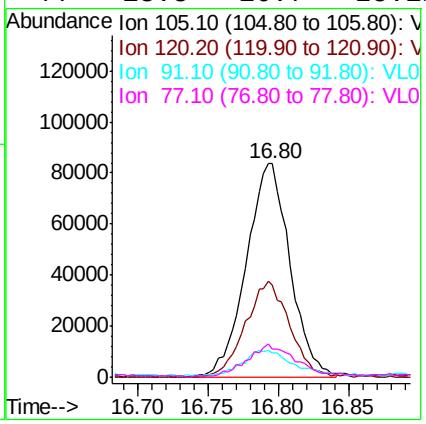


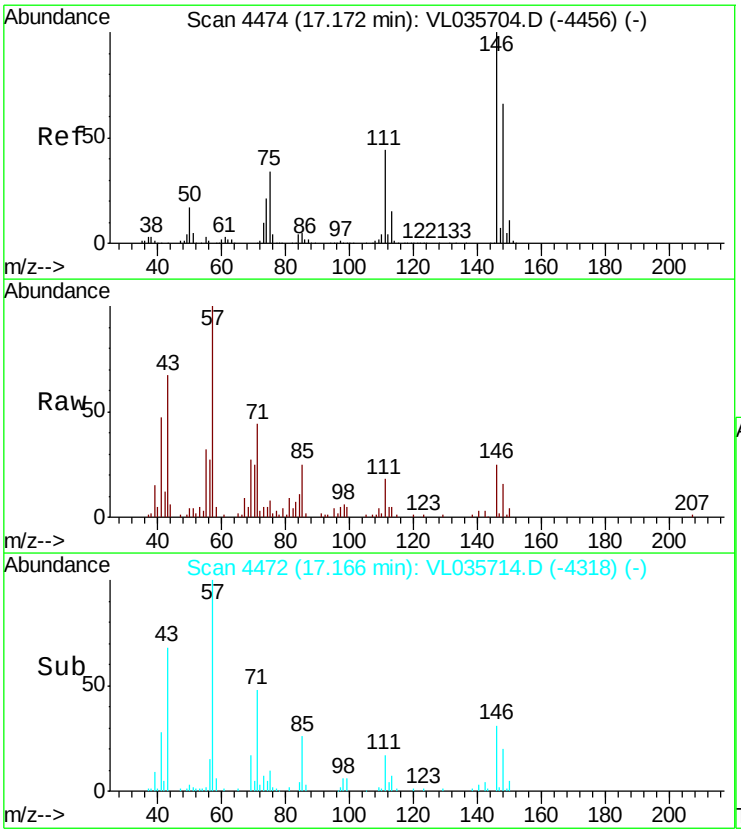
#74
1,2,4-Trimethylbenzene
Concen: 0.377 ppbv
RT: 16.80 min Scan# 4357
Delta R.T. -0.00 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Instrument :
MSVOA_L
ClientSampleId :
B-1

Tgt Ion:105 Resp: 179684

Ion	Ratio	Lower	Upper
105	100		
120	43.0	42.5	63.7
91	10.2	37.7	56.5#
77	13.3	16.7	25.1#

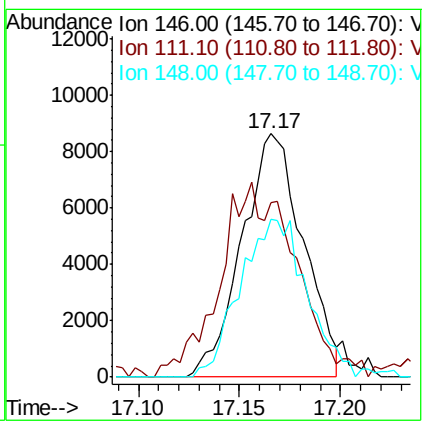


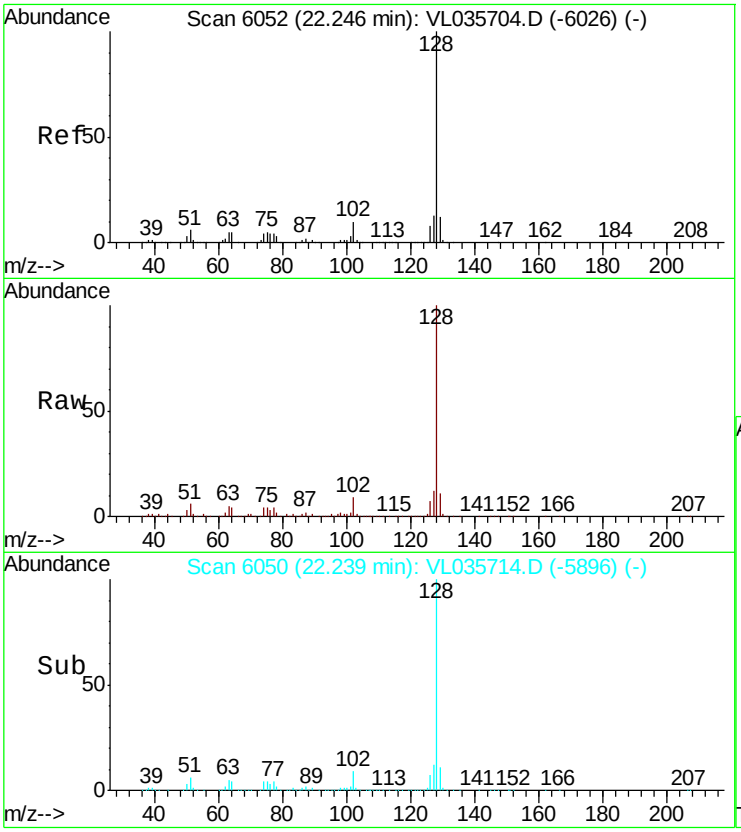


#76
1,4-Dichlorobenzene
Concen: 0.059 ppbv
RT: 17.17 min Scan# 4472
Delta R.T. -0.01 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Tgt Ion:146 Resp: 18305

Ion	Ratio	Lower	Upper
146	100		
111	98.7	21.4	64.3#
148	71.9	32.6	98.0



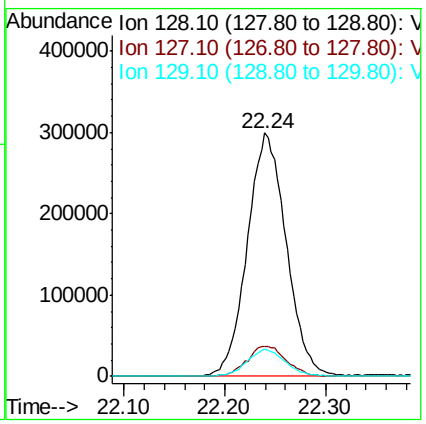


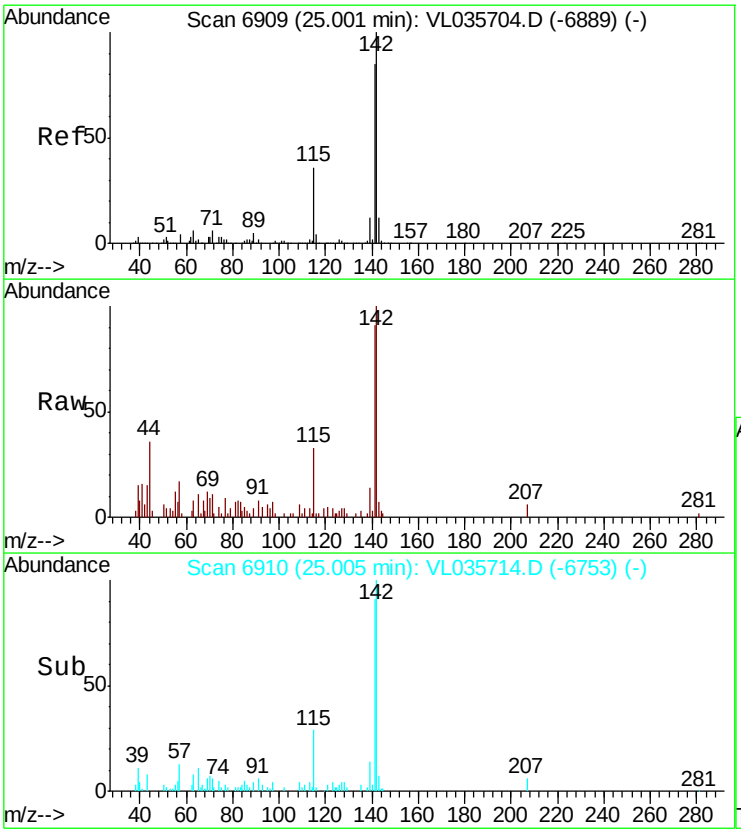
#79
Naphthalene
Concen: 1.763 ppbv
RT: 22.24 min Scan# 6050
Delta R.T. -0.01 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Instrument :
MSVOA_L
ClientSampleId :
B-1

Tgt Ion:128 Resp: 800971

Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.6	15.8
129	11.0	9.4	14.0





#80
Naphthalene,2-methyl-
Concen: 0.183 ppbv
RT: 25.00 min Scan# 6910
Delta R.T. 0.00 min
Lab File: VL035714.D
Acq: 23 Sep 2020 11:44

Tgt Ion:142 Resp: 19598

Ion	Ratio	Lower	Upper
142	100		
141	93.1	68.2	102.4
115	51.4	27.8	41.6#