

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073019\
 Data File : VL034066.D
 Acq On : 30 Jul 2019 15:30
 Operator : SY/AP
 Sample : K4033-03DUP 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 31 02:13:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL073019AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Jul 30 06:55:18 2019
 QLast Update : Tue Jul 30 06:55:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.71	49	1293357	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.24	114	4585203	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.18	117	3262297	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.52	95	2635223	10.22	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.20%

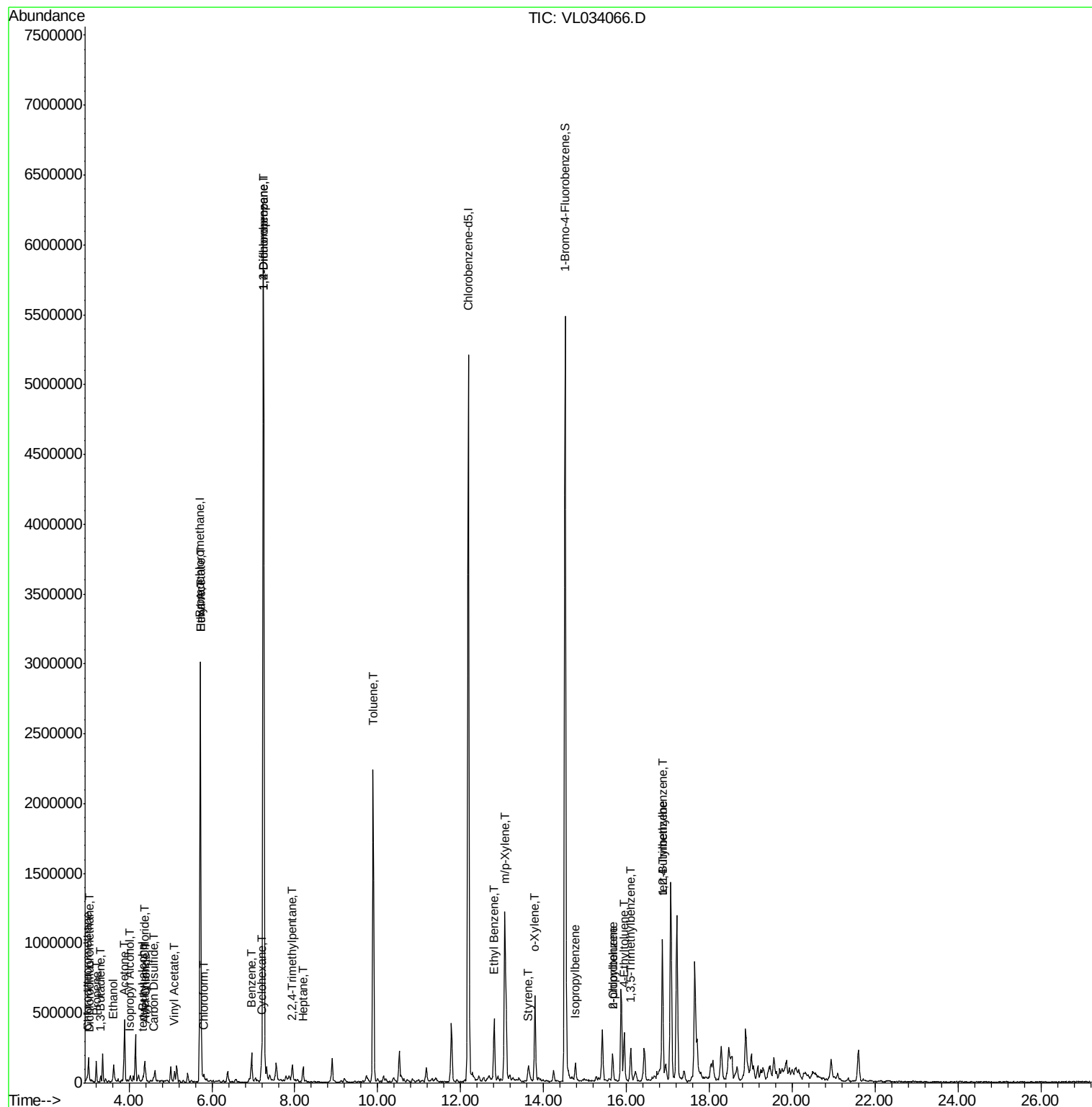
Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.05	85	9502	0.038 ppbv	96
3) Chlorodifluoromethane	2.99	51	29467	0.197 ppbv	97
9) Propene	3.21	41	36950	0.689 ppbv	97
10) Heptane	8.20	43	31011	0.212 ppbv	90
13) Ethanol	3.63	45	84148	3.945 ppbv	70
15) Acetone	3.88	43	154465	0.786 ppbv	100
16) 1,3-Butadiene	3.33	39	2672	0.035 ppbv	84
17) tert-Butyl alcohol	4.34	59	7264	0.045 ppbv #	72
19) Isopropyl Alcohol	4.02	45	5819	0.043 ppbv #	94
20) Methylene Chloride	4.36	84	17473	0.232 ppbv #	65
21) Allyl Chloride	4.40	41	4287	0.035 ppbv #	18
23) Vinyl Acetate	5.10	43	16665	0.079 ppbv #	1
25) Ethyl Acetate	5.73	43	58605	0.200 ppbv #	78
26) Hexane	5.73	57	43578	0.330 ppbv #	35
27) Carbon Disulfide	4.59	76	20934	0.102 ppbv #	65
29) Chloroform	5.80	83	9241	0.038 ppbv	88
30) Cyclohexane	7.18	84	8822	0.066 ppbv #	1
36) Benzene	6.96	78	108506	0.355 ppbv	96
39) 1,2-Dichloropropane	7.24	63	1193159	9.633 ppbv #	24
44) 2,2,4-Trimethylpentane	7.94	57	53334	0.105 ppbv #	45
53) Toluene	9.89	91	1767837	5.551 ppbv	99
58) Ethyl Benzene	12.81	91	375279	0.972 ppbv	98
59) m/p-Xylene	13.08	91	473085	1.348 ppbv #	32
60) o-Xylene	13.79	91	463385	1.328 ppbv	98
61) Styrene	13.63	104	38908	0.169 ppbv #	65
62) Isopropylbenzene	14.77	105	98389	0.211 ppbv	98
64) n-propylbenzene	15.67	120	12590	0.104 ppbv #	1
65) tert-Butylbenzene	16.87	119	89253	0.207 ppbv #	72
71) 2-Chlorotoluene	15.66	91	86426	0.255 ppbv #	45
72) 4-Ethyltoluene	15.95	105	266379	0.675 ppbv	99
73) 1,3,5-Trimethylbenzene	16.10	105	99314	0.247 ppbv	97
74) 1,2,4-Trimethylbenzene	16.87	105	754461	1.711 ppbv #	80

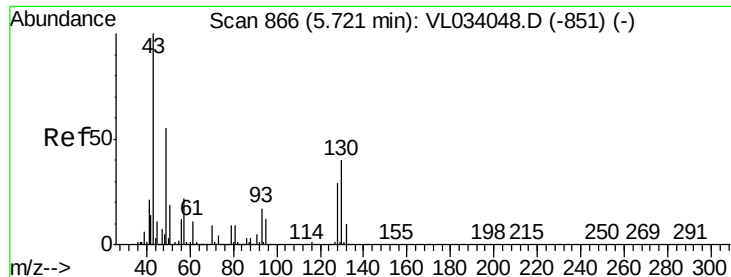
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL073019AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Jul 30 06:55:18 2019
QLast Update : Tue Jul 30 06:55:18 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.71 min Scan# 864

Delta R.T. -0.01 min

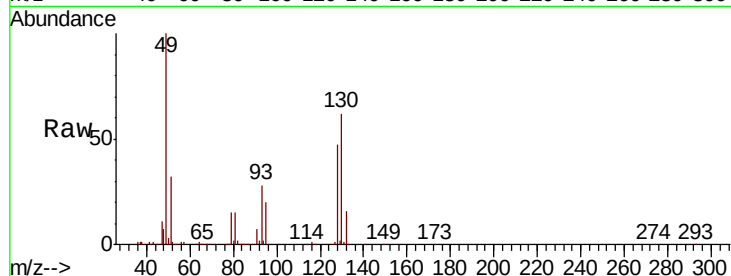
Lab File: VL034066.D

Acq: 30 Jul 2019 15:30

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 49 Resp: 1293357

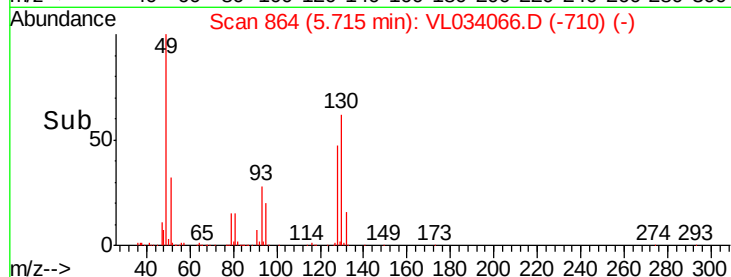
Ion	Ratio	Lower	Upper
49	100		
128	53.1	27.0	81.0
130	67.6	35.0	105.0



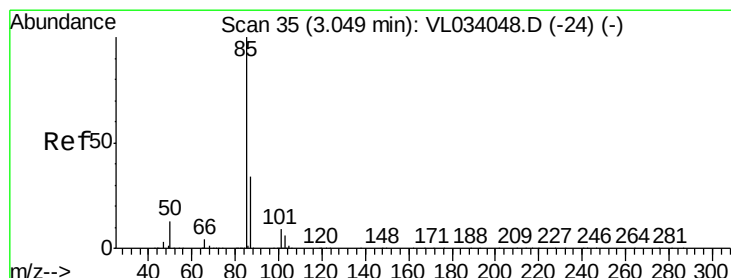
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



Time-->



#2

Dichlorodifluoromethane

Concen: 0.038 ppbv

RT: 3.05 min Scan# 35

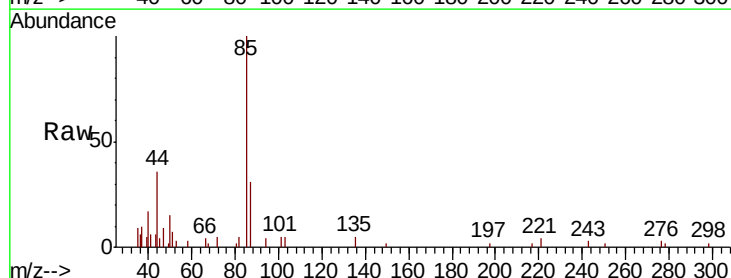
Delta R.T. -0.00 min

Lab File: VL034066.D

Acq: 30 Jul 2019 15:30

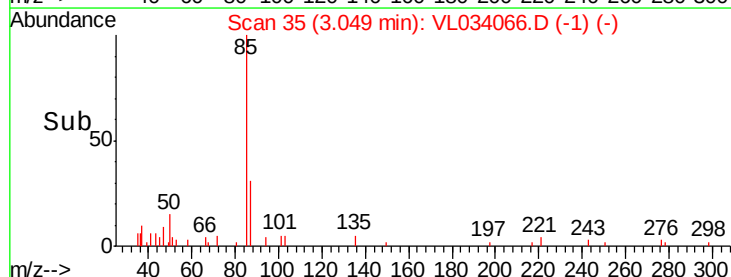
Tgt Ion: 85 Resp: 9502

Ion	Ratio	Lower	Upper
85	100		
87	31.2	27.0	40.4

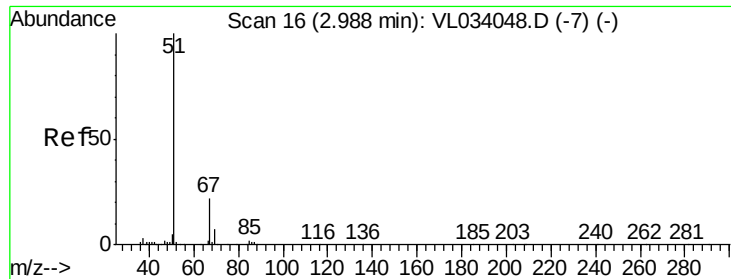


Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0



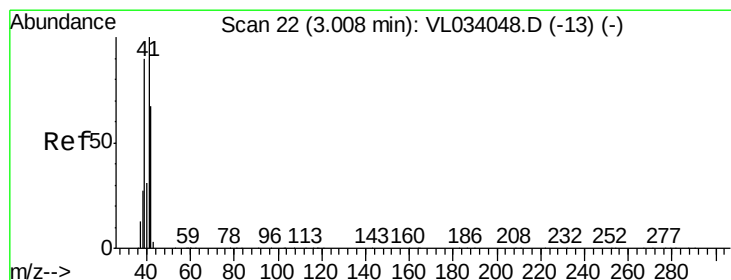
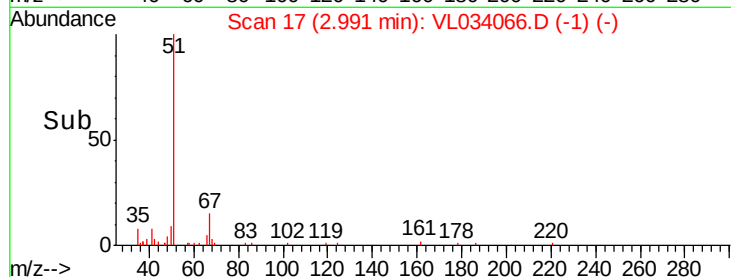
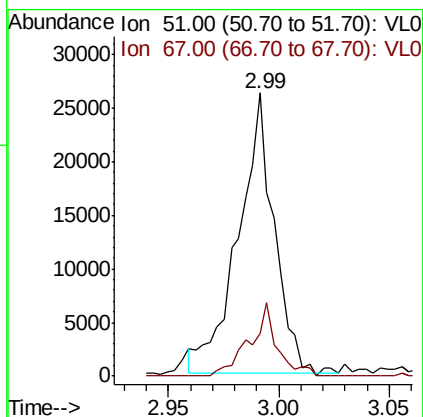
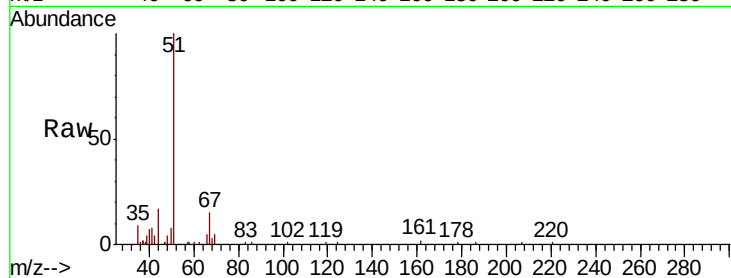
Time-->



#3
 Chlorodifluoromethane
 Concen: 0.197 ppbv
 RT: 2.99 min Scan# 17
 Delta R.T. 0.00 min
 Lab File: VL034066.D
 Acq: 30 Jul 2019 15:30

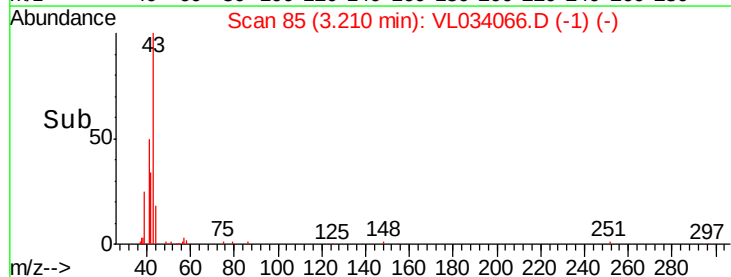
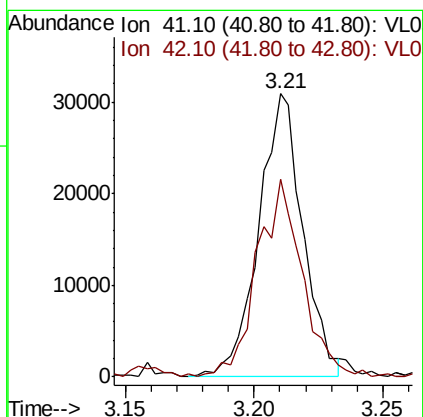
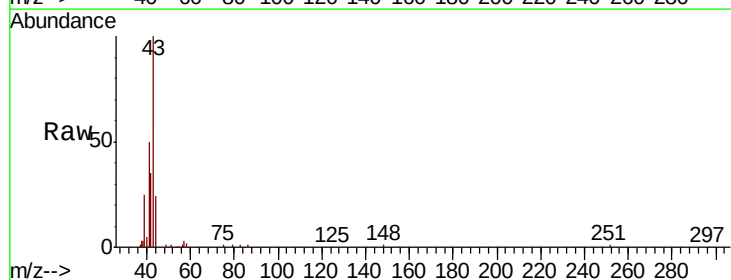
Instrument :
 MSVOA_L
 ClientSampleId :

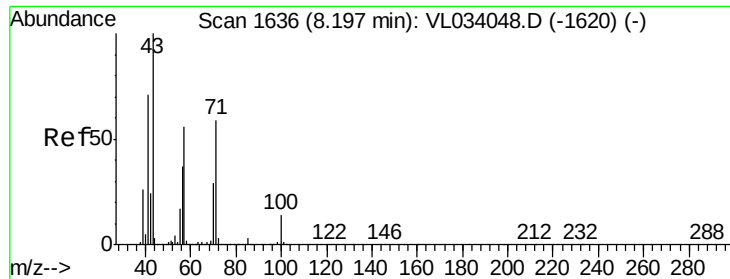
Tot Ion: 51 Resp: 29467
 Ion Ratio Lower Upper
 51 100
 67 20.2 17.4 26.0



#9
 Propene
 Concen: 0.689 ppbv
 RT: 3.21 min Scan# 85
 Delta R.T. 0.20 min
 Lab File: VL034066.D
 Acq: 30 Jul 2019 15:30

Tgt Ion: 41 Resp: 36950
 Ion Ratio Lower Upper
 41 100
 42 72.0 55.4 83.2

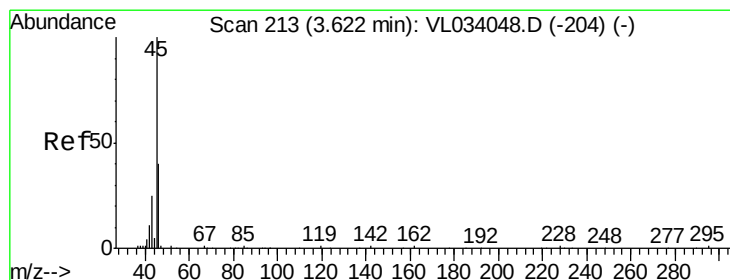
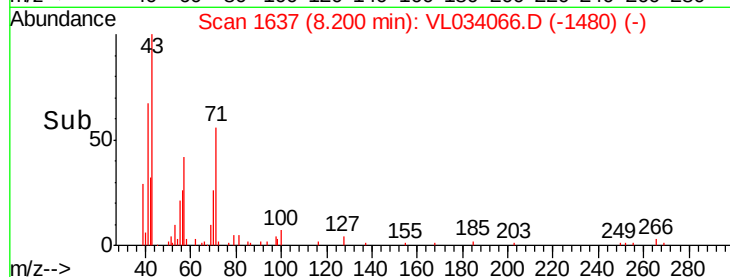
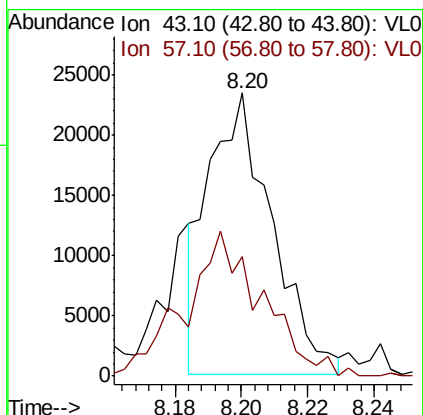
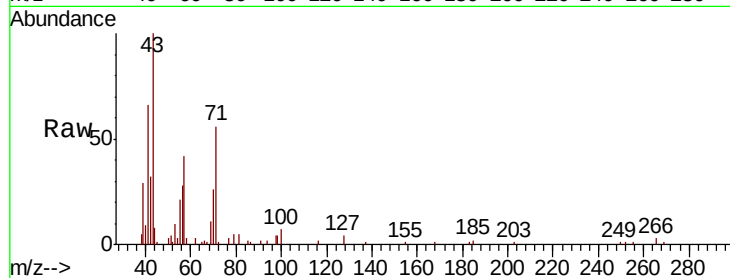




#10
Heptane
Concen: 0.212 ppbv
RT: 8.20 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VL034066.D
Acq: 30 Jul 2019 15:30

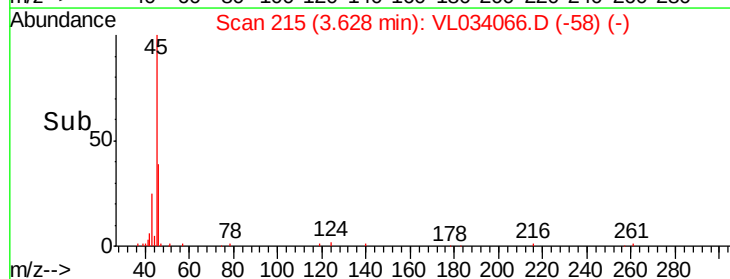
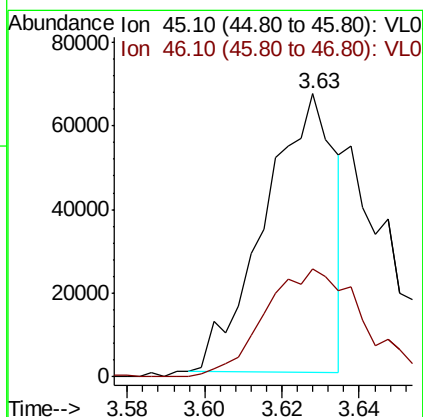
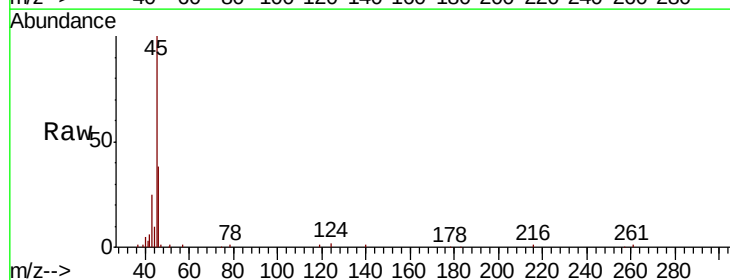
Instrument :
MSVOA_L
ClientSampleId :

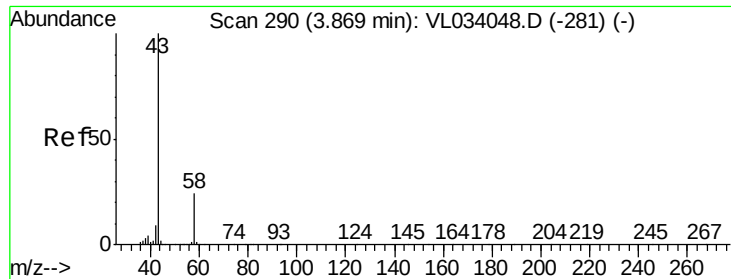
Tot Ion: 43 Resp: 31011
Ion Ratio Lower Upper
43 100
57 62.9 44.8 67.2



#13
Ethanol
Concen: 3.945 ppbv
RT: 3.63 min Scan# 215
Delta R.T. 0.01 min
Lab File: VL034066.D
Acq: 30 Jul 2019 15:30

Tgt Ion: 45 Resp: 84148
Ion Ratio Lower Upper
45 100
46 56.9 15.6 62.2





#15

Acetone

Concen: 0.786 ppbv

RT: 3.88 min Scan# 293

Delta R.T. 0.01 min

Lab File: VL034066.D

Acq: 30 Jul 2019 15:30

Instrument :

MSVOA_L

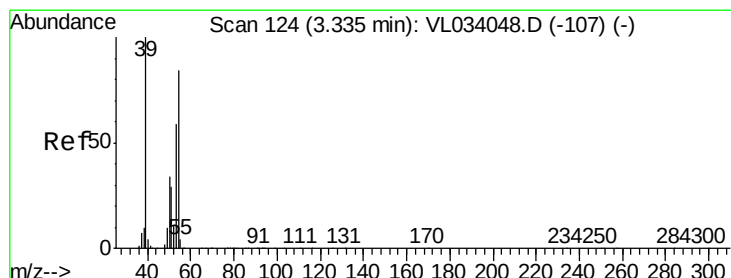
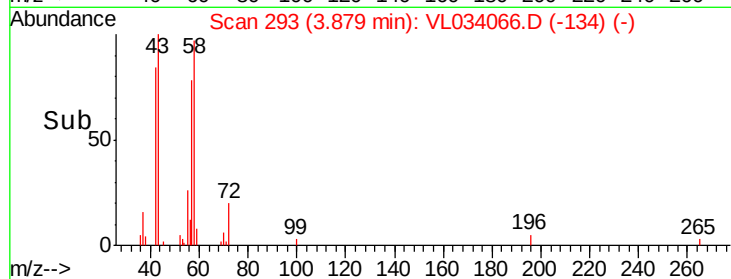
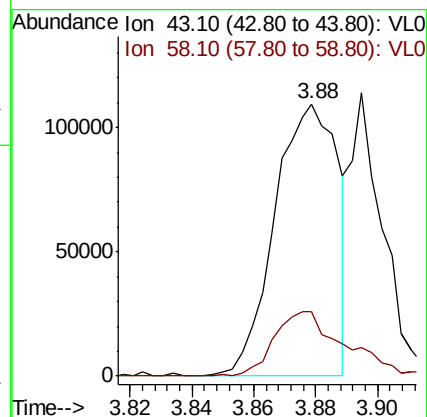
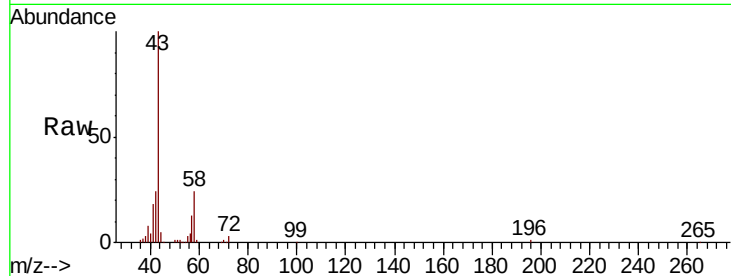
ClientSampleId :

Tot Ion: 43 Resp: 154465

Ion Ratio Lower Upper

43 100

58 26.9 21.6 32.4



#16

1,3-Butadiene

Concen: 0.035 ppbv

RT: 3.33 min Scan# 121

Delta R.T. -0.01 min

Lab File: VL034066.D

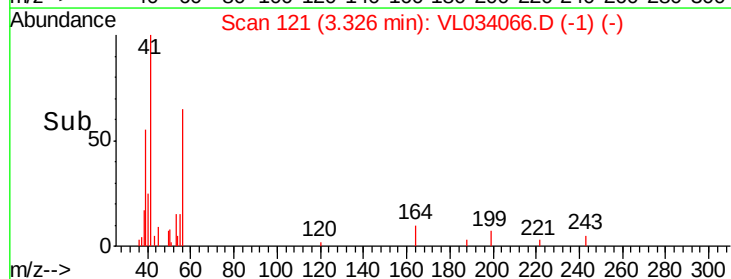
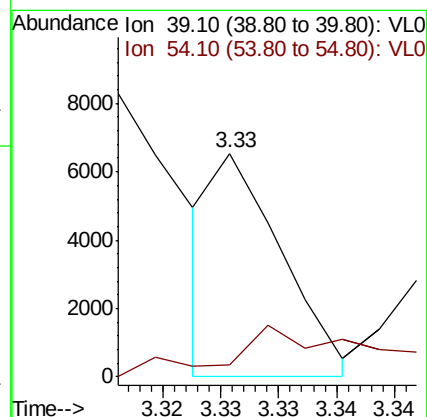
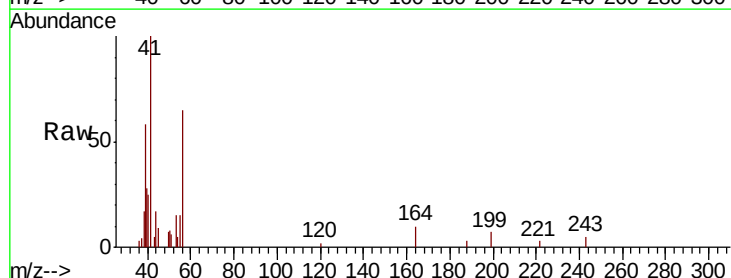
Acq: 30 Jul 2019 15:30

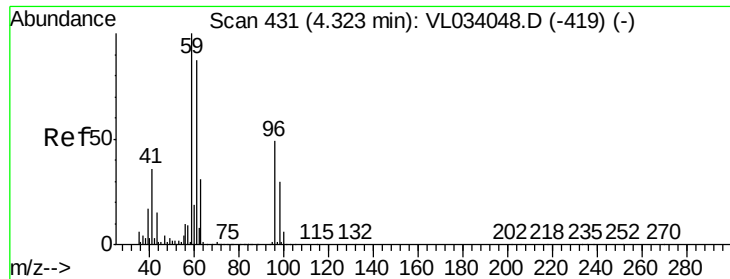
Tgt Ion: 39 Resp: 2672

Ion Ratio Lower Upper

39 100

54 71.7 68.9 103.3



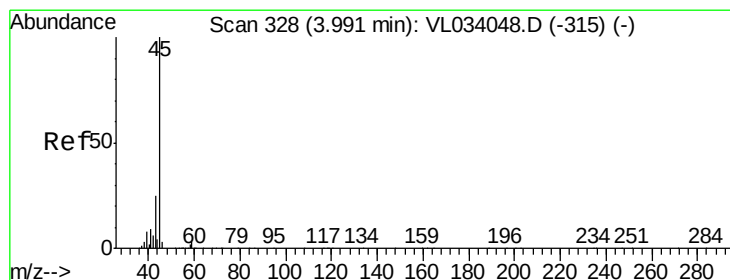
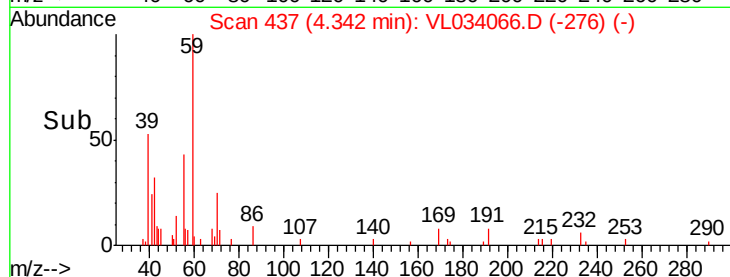
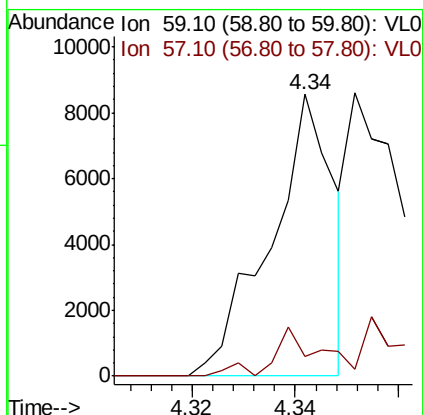
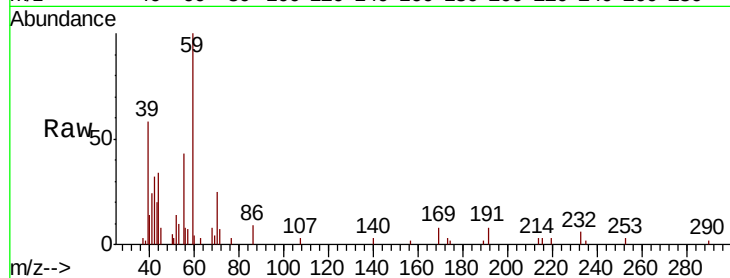


#17

tert-Butyl alcohol
Concen: 0.045 ppbv
RT: 4.34 min Scan# 437
Delta R.T. 0.02 min
Lab File: VL034066.D
Acq: 30 Jul 2019 15:30

Instrument :
MSVOA_L
ClientSampled :

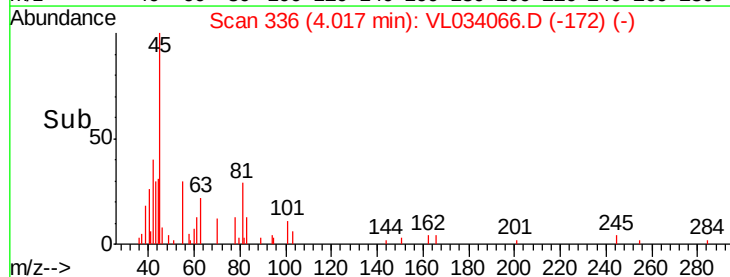
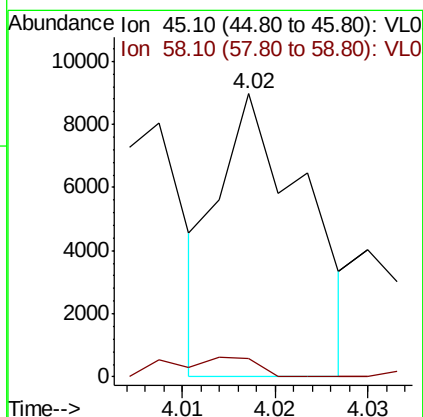
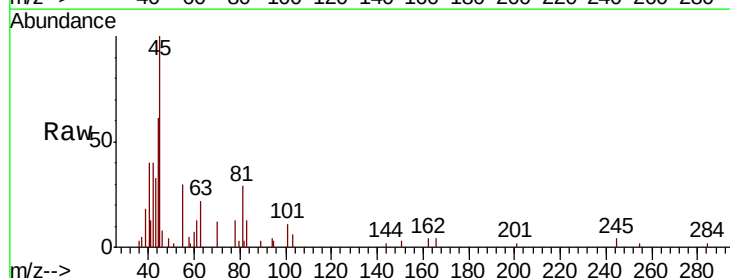
Tot Ion: 59 Resp: 7264
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

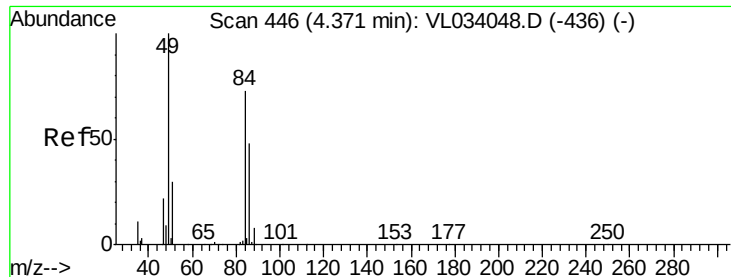


#19

Isopropyl Alcohol
Concen: 0.043 ppbv
RT: 4.02 min Scan# 336
Delta R.T. 0.03 min
Lab File: VL034066.D
Acq: 30 Jul 2019 15:30

Tgt Ion: 45 Resp: 5819
Ion Ratio Lower Upper
45 100
58 0.0 1.8 2.6#

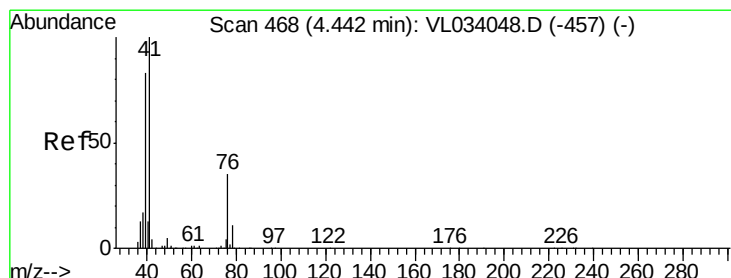
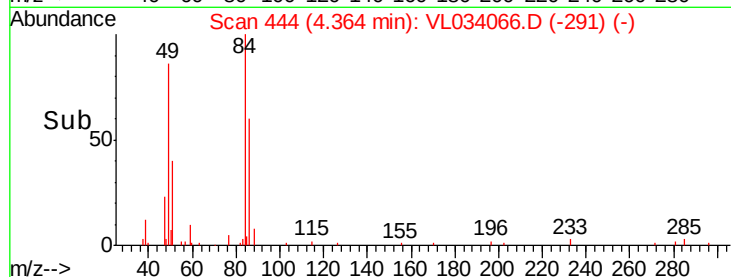
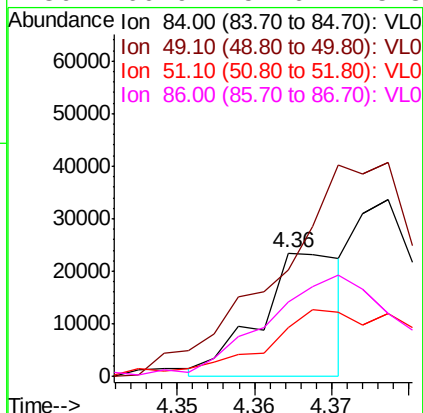
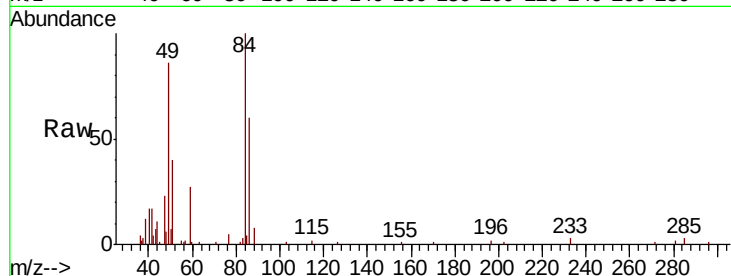




#20
Methylene Chloride
Concen: 0.232 ppbv
RT: 4.36 min Scan# 444
Delta R.T. -0.01 min
Lab File: VL034066.D
Acq: 30 Jul 2019 15:30

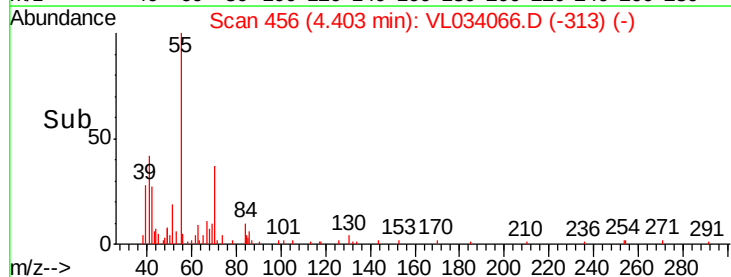
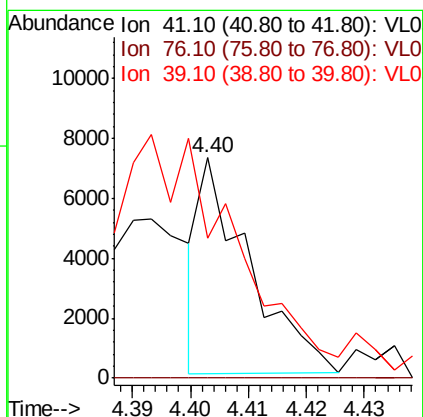
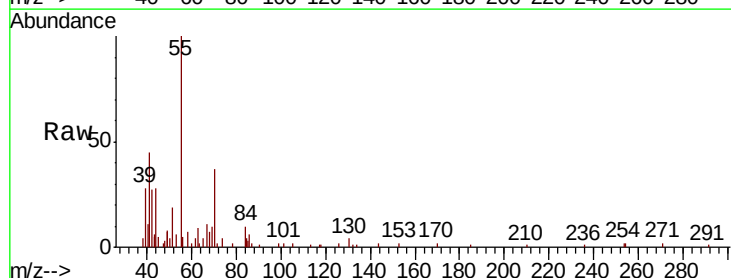
Instrument :
MSVOA_L
ClientSampleId :

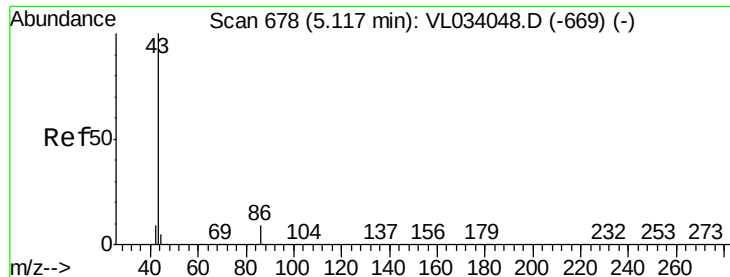
Tot Ion:	84	Resp:	17473
Ion	Ratio	Lower	Upper
84	100		
49	68.5	109.6	164.4#
51	35.1	33.4	50.2
86	60.9	52.6	78.8



#21
Allyl Chloride
Concen: 0.035 ppbv
RT: 4.40 min Scan# 456
Delta R.T. -0.04 min
Lab File: VL034066.D
Acq: 30 Jul 2019 15:30

Tgt Ion:	41	Resp:	4287
Ion	Ratio	Lower	Upper
41	100		
76	0.0	26.1	39.1#
39	0.0	65.0	97.6#





#23

Vinyl Acetate

Concen: 0.079 ppbv

RT: 5.10 min Scan# 672

Delta R.T. -0.02 min

Lab File: VL034066.D

Acq: 30 Jul 2019 15:30

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion: 43 Resp: 16665

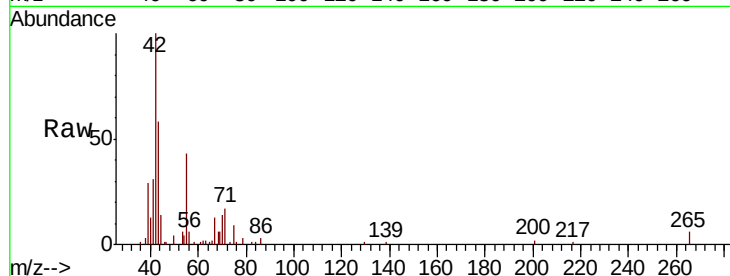
Ion Ratio Lower Upper

43 100

86 6.9 6.5 9.7

42 243.4 8.3 12.5#

44 16.7 4.0 6.0#

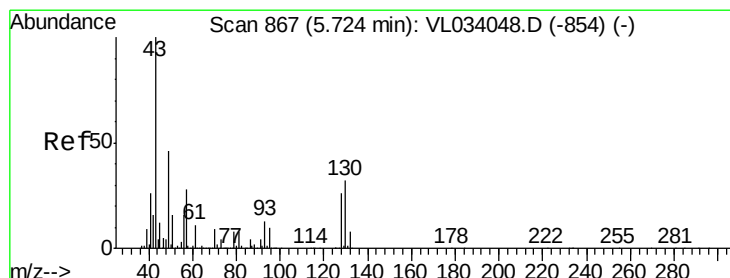
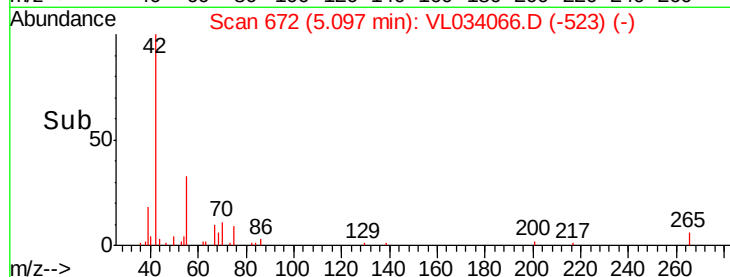
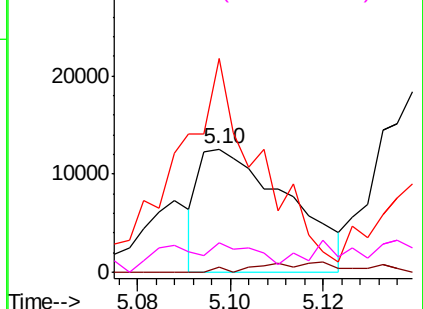


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#25

Ethyl Acetate

Concen: 0.200 ppbv

RT: 5.73 min Scan# 869

Delta R.T. 0.01 min

Lab File: VL034066.D

Acq: 30 Jul 2019 15:30

Tgt Ion: 43 Resp: 58605

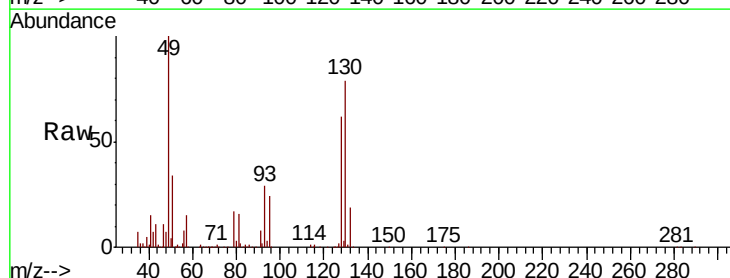
Ion Ratio Lower Upper

43 100

45 1.9 8.1 12.1#

61 0.1 8.1 12.1#

70 2.2 6.3 9.5#

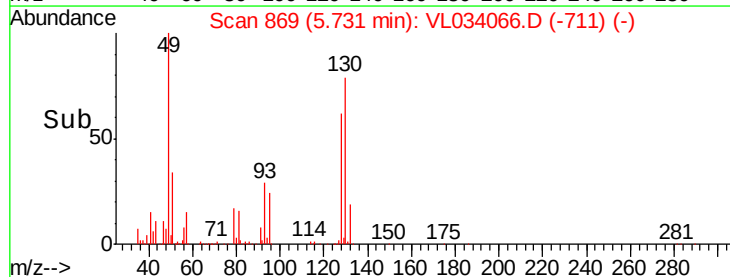
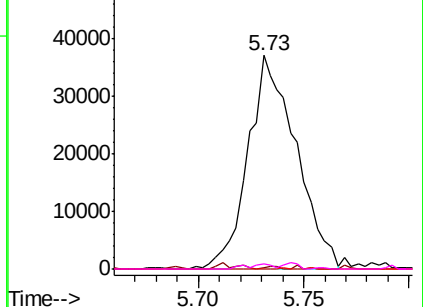


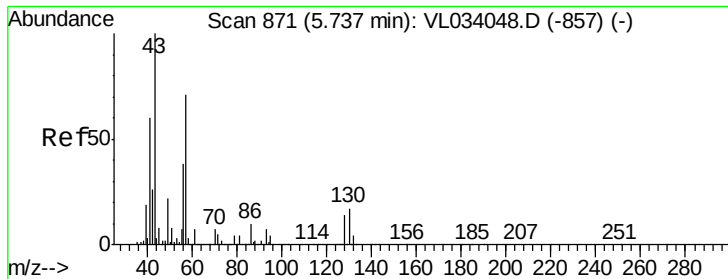
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0





#26

Hexane

Concen: 0.330 ppbv

RT: 5.73 min Scan# 869

Delta R.T. -0.01 min

Lab File: VL034066.D

Acq: 30 Jul 2019 15:30

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 57 Resp: 43578

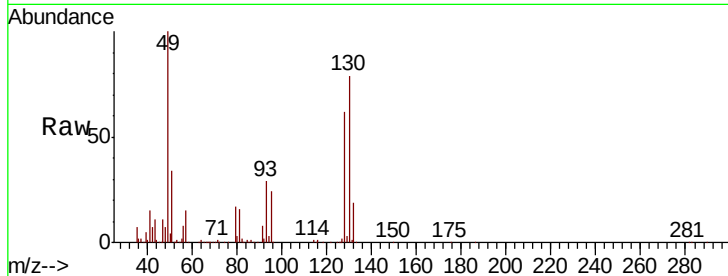
Ion Ratio Lower Upper

57 100

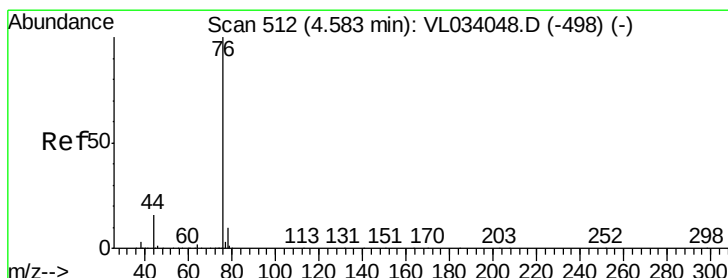
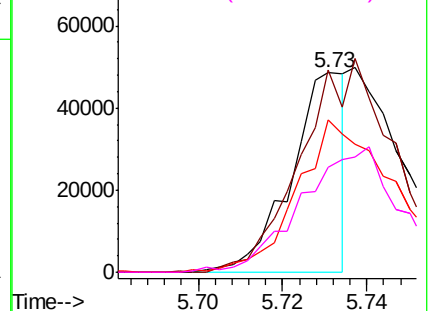
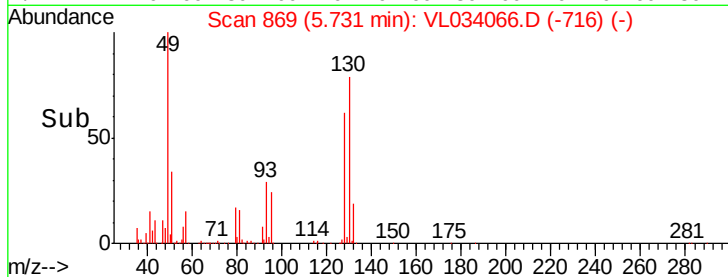
41 0.0 69.0 103.6#

43 138.2 176.6 264.8#

56 0.0 42.2 63.4#



Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0



#27

Carbon Disulfide

Concen: 0.102 ppbv

RT: 4.59 min Scan# 514

Delta R.T. 0.01 min

Lab File: VL034066.D

Acq: 30 Jul 2019 15:30

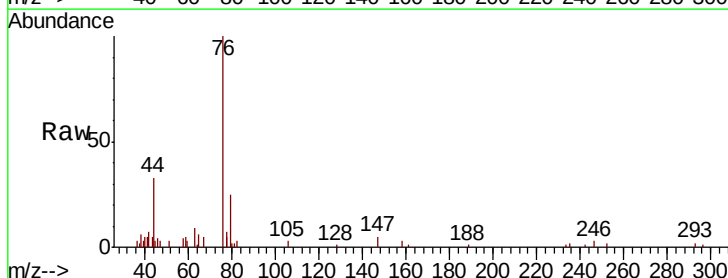
Tgt Ion: 76 Resp: 20934

Ion Ratio Lower Upper

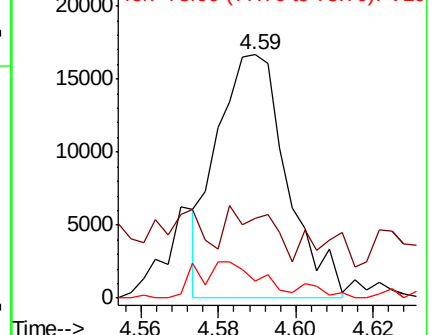
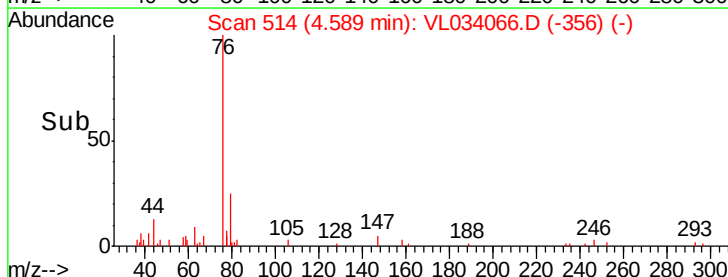
76 100

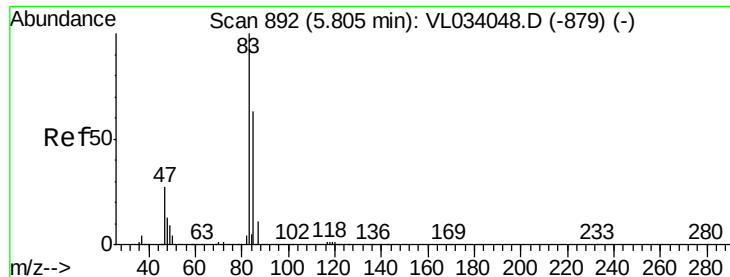
44 35.1 13.0 19.4#

78 16.4 7.7 11.5#



Abundance Ion 76.00 (75.70 to 76.70): VL0
Ion 44.10 (43.80 to 44.80): VL0
Ion 78.00 (77.70 to 78.70): VL0





#29

Chloroform

Concen: 0.038 ppbv

RT: 5.80 min Scan# 889

Delta R.T. -0.01 min

Lab File: VL034066.D

Acq: 30 Jul 2019 15:30

Instrument :

MSVOA_L

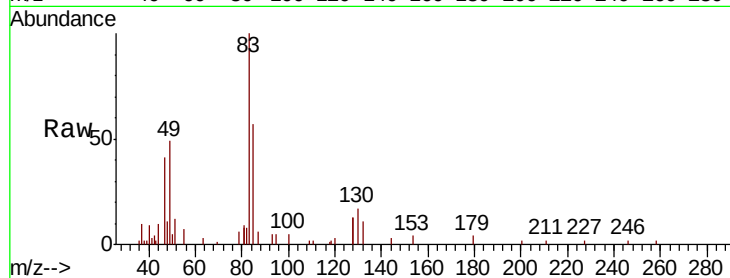
ClientSampled :

Tot Ion: 83 Resp: 9241

Ion Ratio Lower Upper

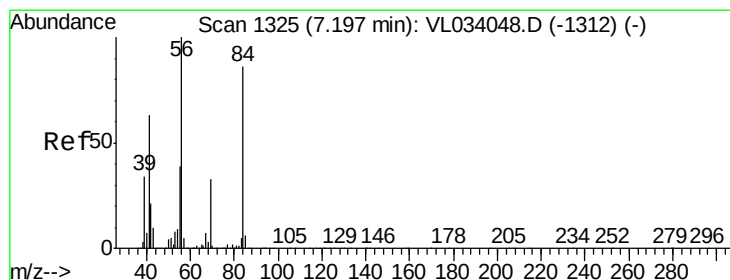
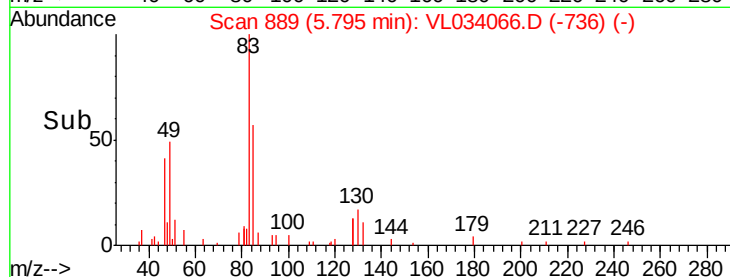
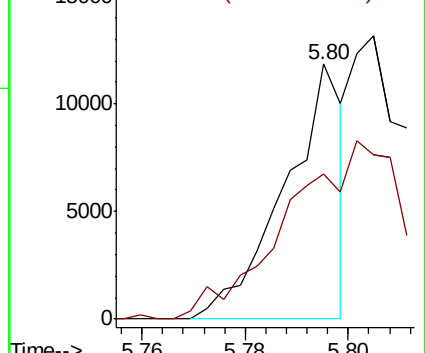
83 100

85 53.7 50.2 75.4



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#30

Cyclohexane

Concen: 0.066 ppbv

RT: 7.18 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VL034066.D

Acq: 30 Jul 2019 15:30

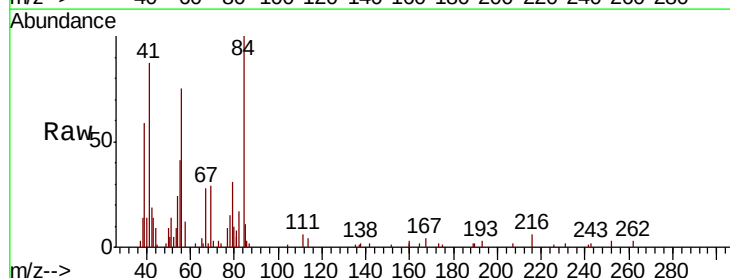
Tgt Ion: 84 Resp: 8822

Ion Ratio Lower Upper

84 100

56 0.0 101.7 152.5#

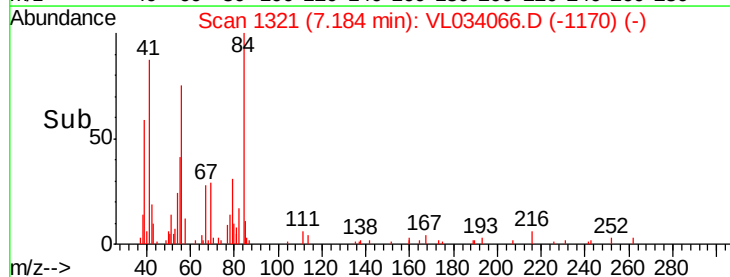
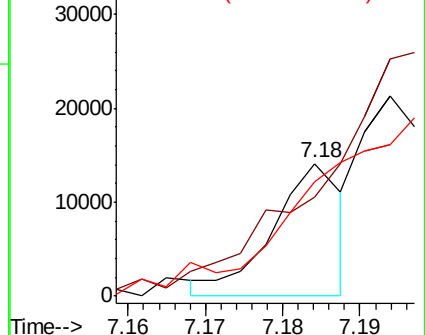
41 0.0 59.4 89.0#

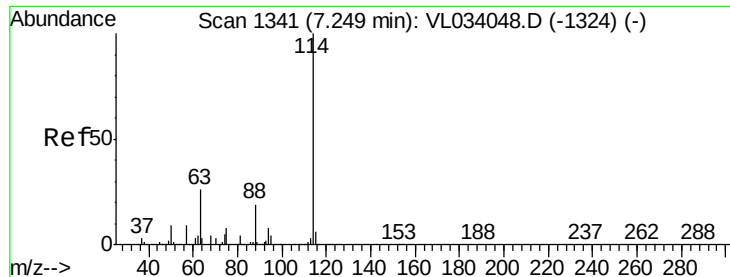


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

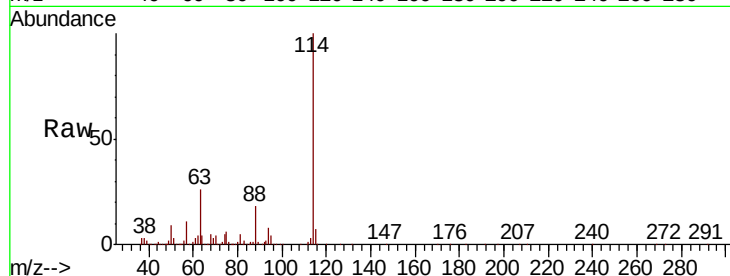




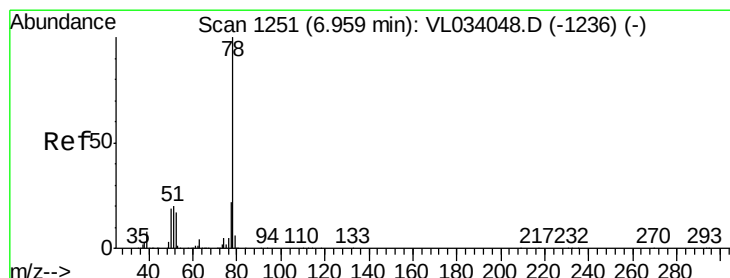
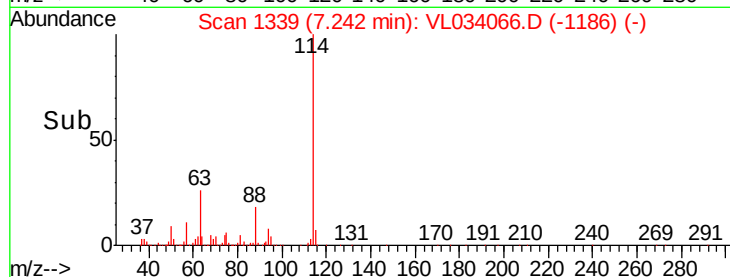
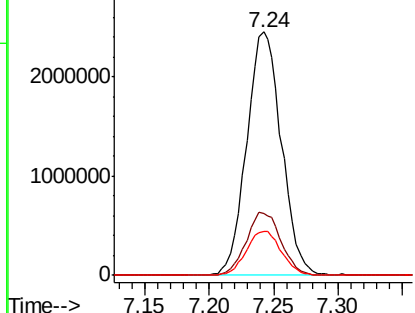
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.24 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: VL034066.D
 Acq: 30 Jul 2019 15:30

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:114 Resp: 4585203
 Ion Ratio Lower Upper
 114 100
 63 26.2 21.0 31.6
 88 18.3 14.7 22.1

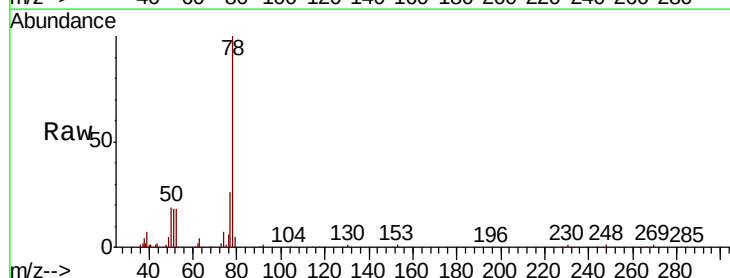


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

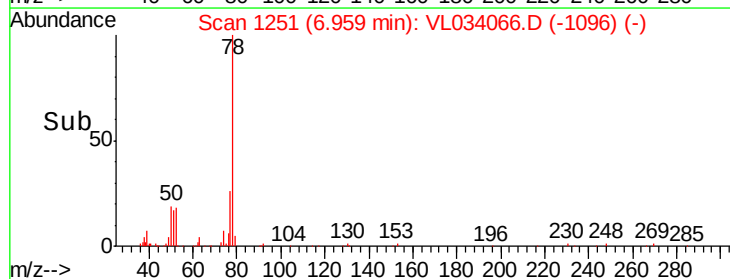
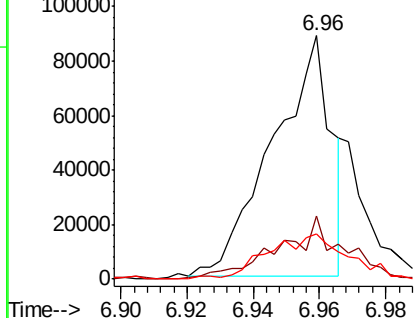


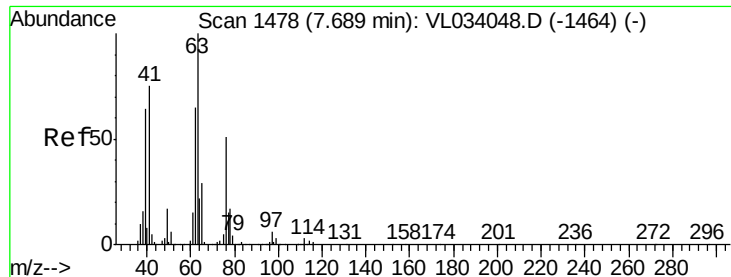
#36
 Benzene
 Concen: 0.355 ppbv
 RT: 6.96 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VL034066.D
 Acq: 30 Jul 2019 15:30

Tgt Ion: 78 Resp: 108506
 Ion Ratio Lower Upper
 78 100
 77 25.5 17.9 26.9
 50 18.7 14.9 22.3



Abundance Ion 78.10 (77.80 to 78.80): VL0
 Ion 77.10 (76.80 to 77.80): VL0
 Ion 50.10 (49.80 to 50.80): VL0





#39

1,2-Dichloropropane

Concen: 9.633 ppbv

RT: 7.24 min Scan# 1338

Delta R.T. -0.45 min

Lab File: VL034066.D

Acq: 30 Jul 2019 15:30

Instrument :

MSVOA_L

ClientSampleId :

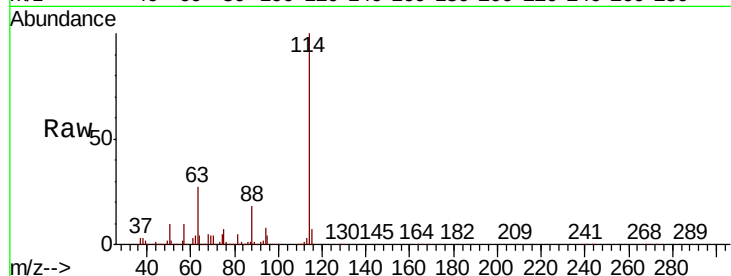
Tot Ion: 63 Resp: 1193159

Ion Ratio Lower Upper

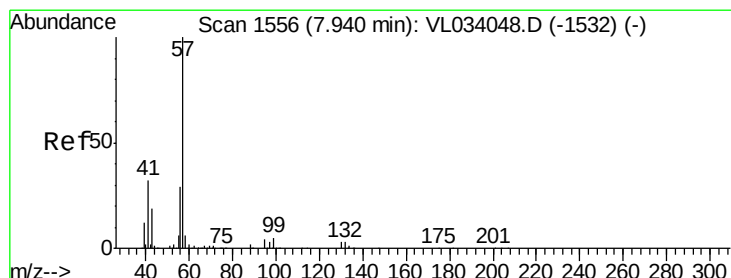
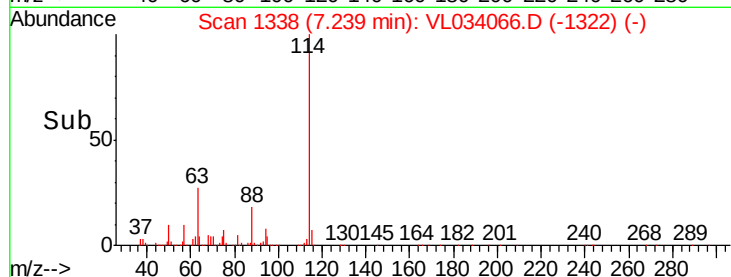
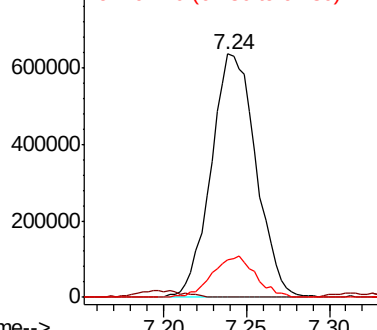
63 100

41 0.0 59.8 89.8#

62 15.6 52.2 78.2#



Abundance Ion 63.10 (62.80 to 63.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 62.10 (61.80 to 62.80): VL0



#44

2,2,4-Trimethylpentane

Concen: 0.105 ppbv

RT: 7.94 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VL034066.D

Acq: 30 Jul 2019 15:30

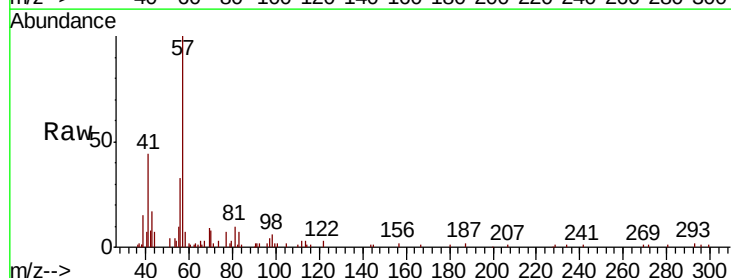
Tgt Ion: 57 Resp: 53334

Ion Ratio Lower Upper

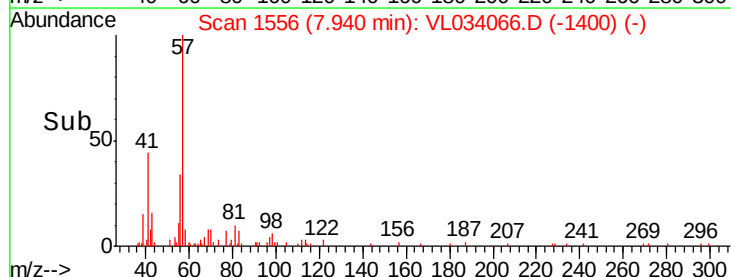
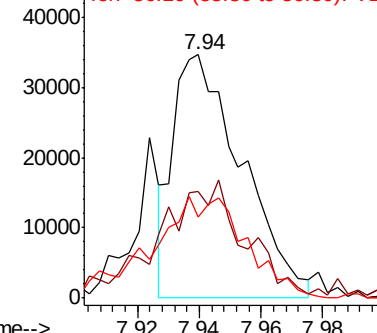
57 100

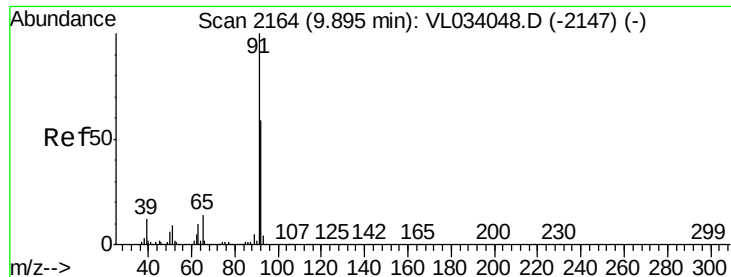
41 65.3 26.2 39.2#

56 58.7 24.2 36.2#



Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 56.10 (55.80 to 56.80): VL0





#53

Toluene

Concen: 5.551 ppbv

RT: 9.89 min Scan# 2162

Delta R.T. -0.01 min

Lab File: VL034066.D

Acq: 30 Jul 2019 15:30

Instrument :

MSVOA_L

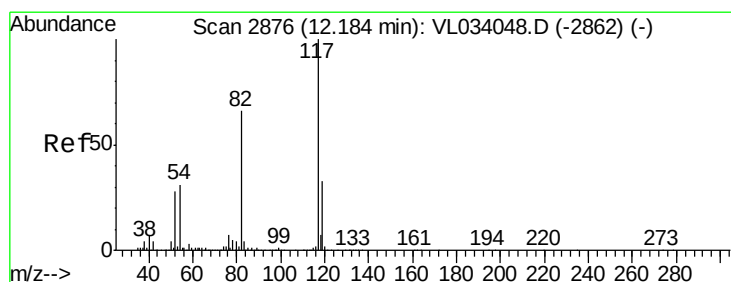
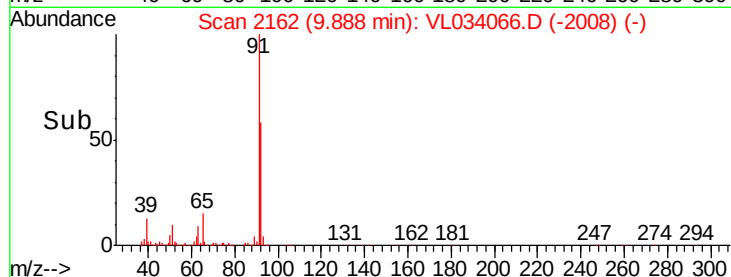
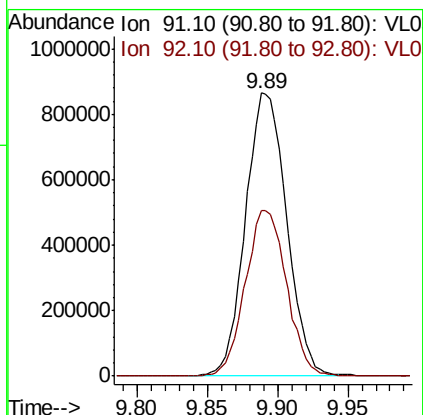
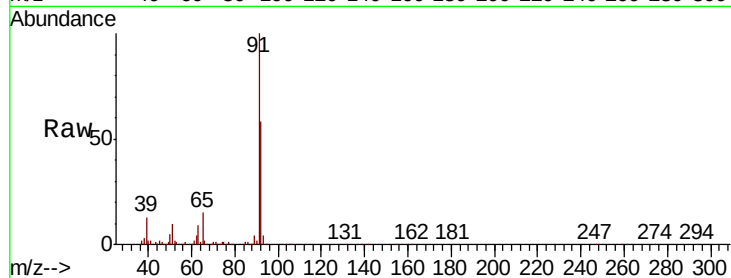
ClientSampleId :

Tot Ion: 91 Resp: 1767837

Ion Ratio Lower Upper

91 100

92 58.8 47.4 71.2



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.18 min Scan# 2876

Delta R.T. -0.00 min

Lab File: VL034066.D

Acq: 30 Jul 2019 15:30

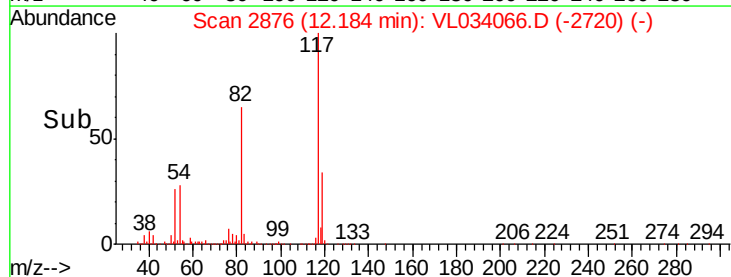
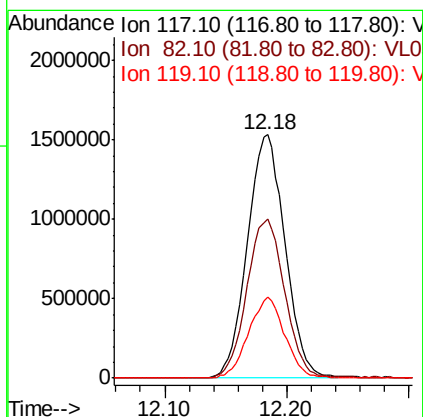
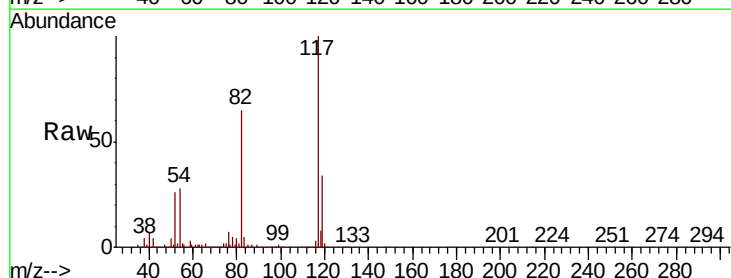
Tgt Ion: 117 Resp: 3262297

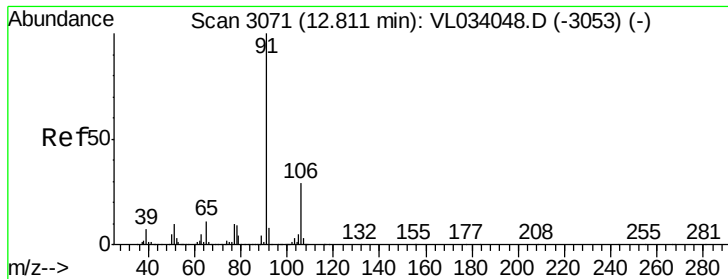
Ion Ratio Lower Upper

117 100

82 65.9 49.8 74.8

119 32.3 43.0 64.6#

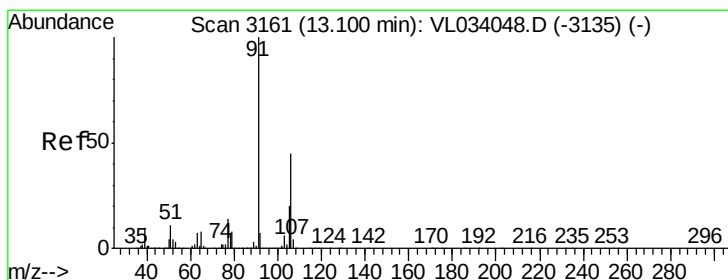
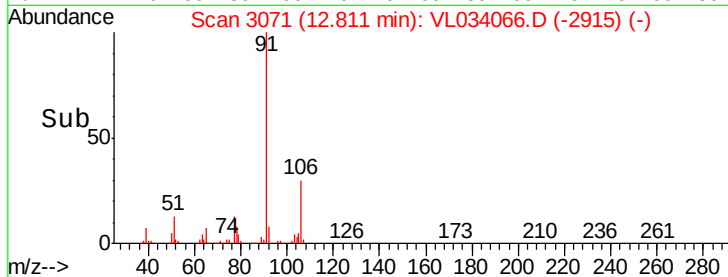
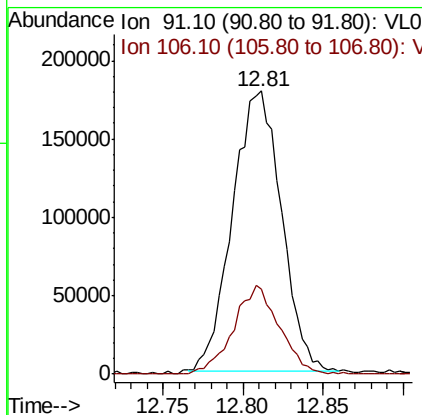
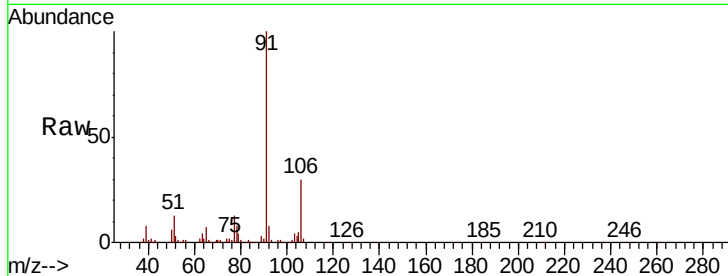




#58
Ethyl Benzene
Concen: 0.972 ppbv
RT: 12.81 min Scan# 3071
Delta R.T. -0.00 min
Lab File: VL034066.D
Acq: 30 Jul 2019 15:30

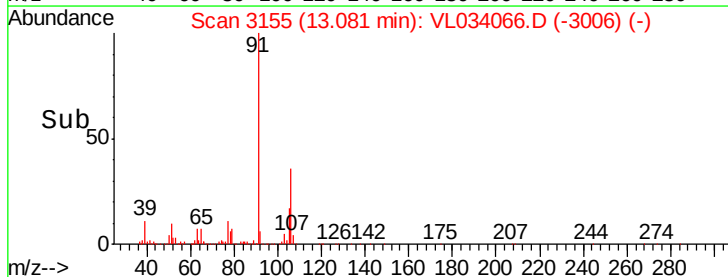
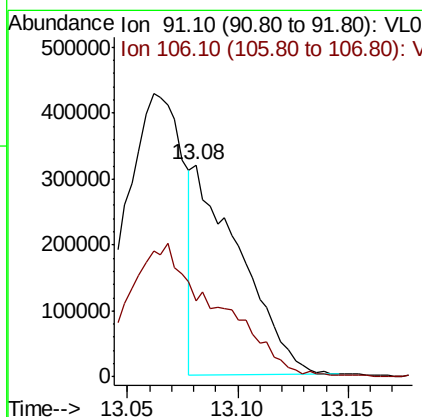
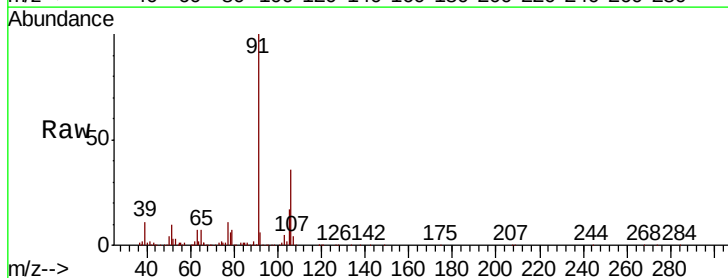
Instrument :
MSVOA_L
ClientSampleId :

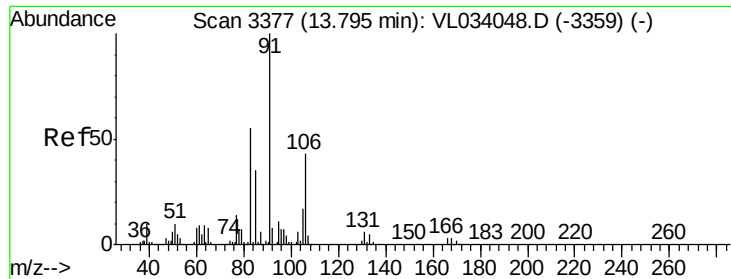
Tot Ion: 91 Resp: 375279
Ion Ratio Lower Upper
91 100
106 30.3 23.5 35.3



#59
m/p-Xylene
Concen: 1.348 ppbv
RT: 13.08 min Scan# 3155
Delta R.T. -0.02 min
Lab File: VL034066.D
Acq: 30 Jul 2019 15:30

Tgt Ion: 91 Resp: 473085
Ion Ratio Lower Upper
91 100
106 0.0 35.1 52.7#

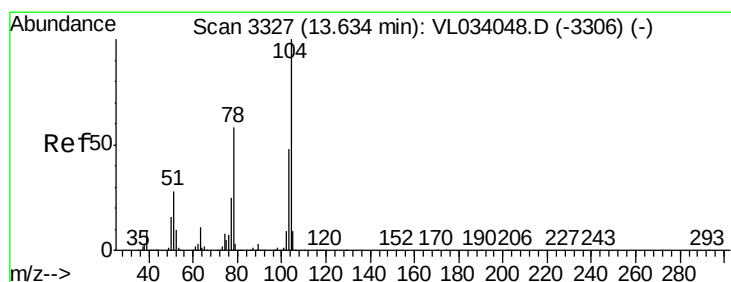
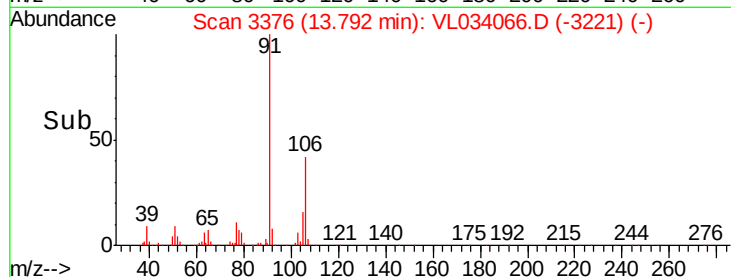
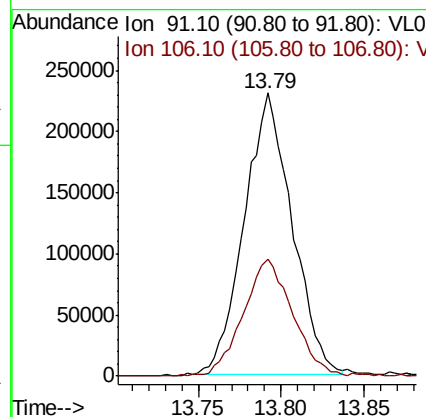
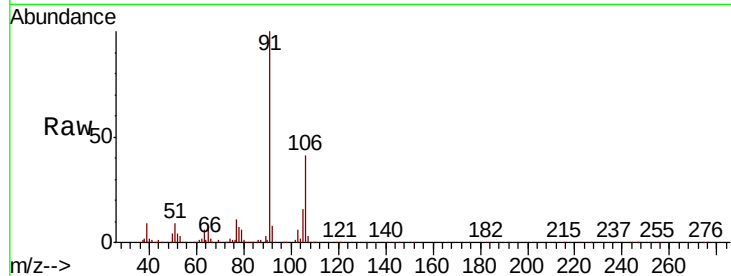




#60
o-Xylene
Concen: 1.328 ppbv
RT: 13.79 min Scan# 3376
Delta R.T. -0.00 min
Lab File: VL034066.D
Acq: 30 Jul 2019 15:30

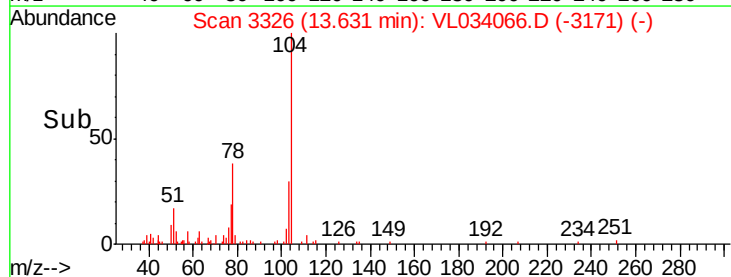
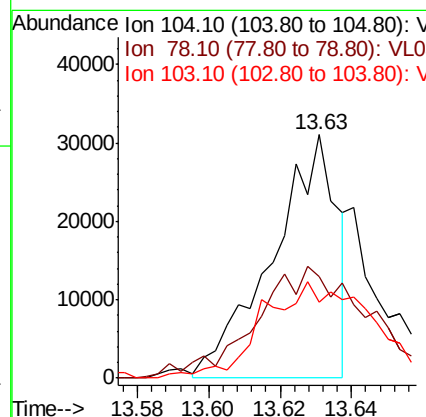
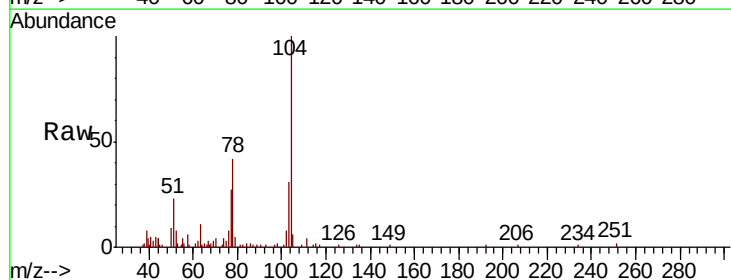
Instrument :
MSVOA_L
ClientSampleId :

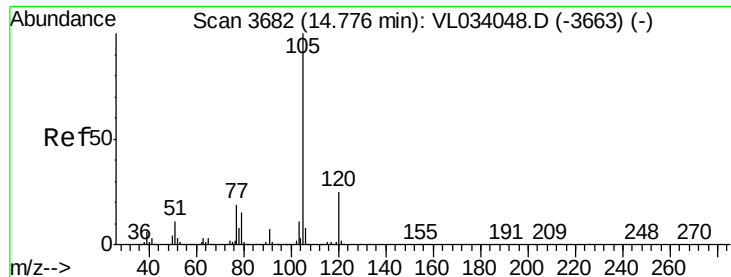
Tot Ion: 91 Resp: 463385
Ion Ratio Lower Upper
91 100
106 43.4 21.2 63.6



#61
Styrene
Concen: 0.169 ppbv
RT: 13.63 min Scan# 3326
Delta R.T. -0.00 min
Lab File: VL034066.D
Acq: 30 Jul 2019 15:30

Tgt Ion: 104 Resp: 38908
Ion Ratio Lower Upper
104 100
78 82.7 44.3 66.5#
103 69.6 38.8 58.2#





#62

Isopropylbenzene

Concen: 0.211 ppbv

RT: 14.77 min Scan# 3681

Delta R.T. -0.00 min

Lab File: VL034066.D

Acq: 30 Jul 2019 15:30

Instrument :

MSVOA_L

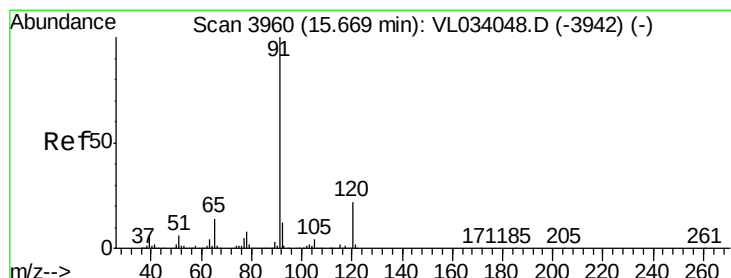
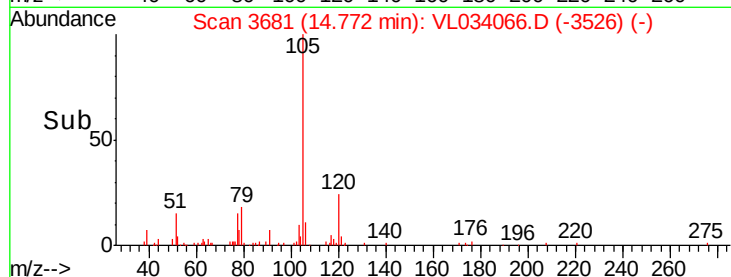
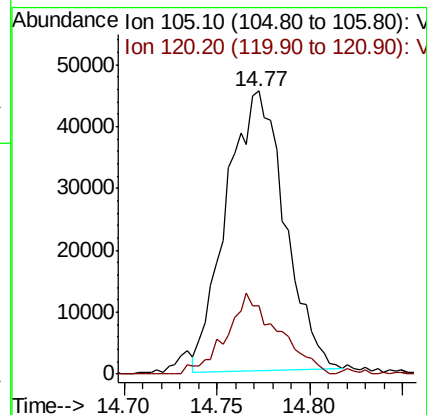
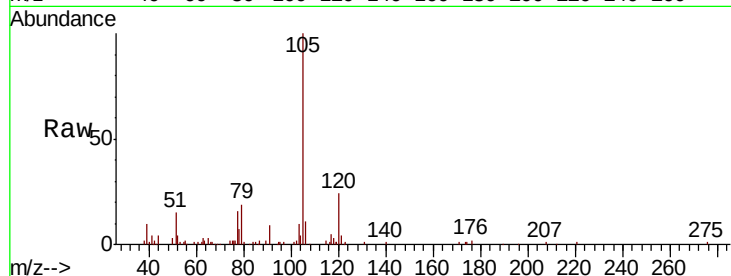
ClientSampleId :

Tot Ion:105 Resp: 98389

Ion Ratio Lower Upper

105 100

120 26.3 20.2 30.2



#64

n-propylbenzene

Concen: 0.104 ppbv

RT: 15.67 min Scan# 3961

Delta R.T. 0.00 min

Lab File: VL034066.D

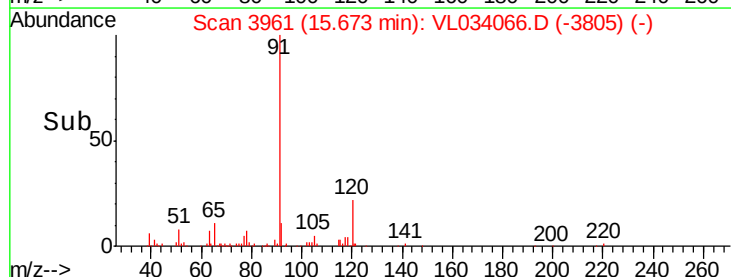
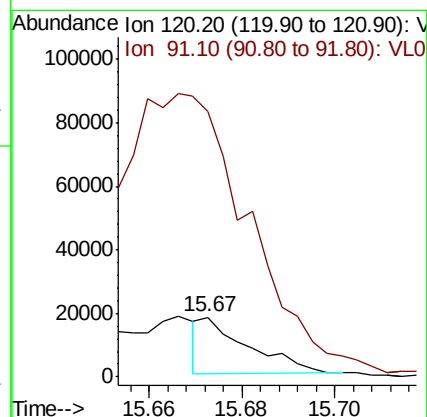
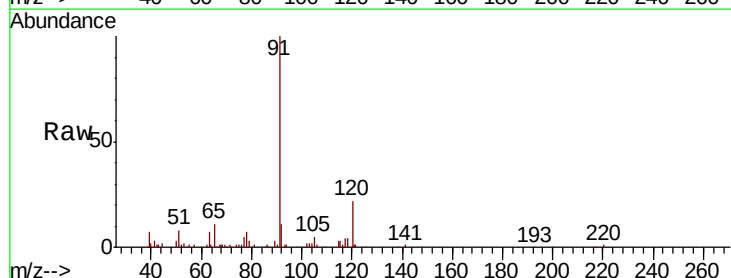
Acq: 30 Jul 2019 15:30

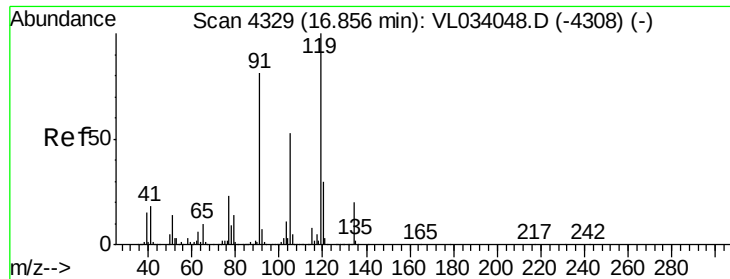
Tgt Ion:120 Resp: 12590

Ion Ratio Lower Upper

120 100

91 0.0 386.2 579.2#





#65

tert-Butylbenzene

Concen: 0.207 ppbv

RT: 16.87 min Scan# 4332

Delta R.T. 0.01 min

Lab File: VL034066.D

Acq: 30 Jul 2019 15:30

Instrument :

MSVOA_L

ClientSampleId :

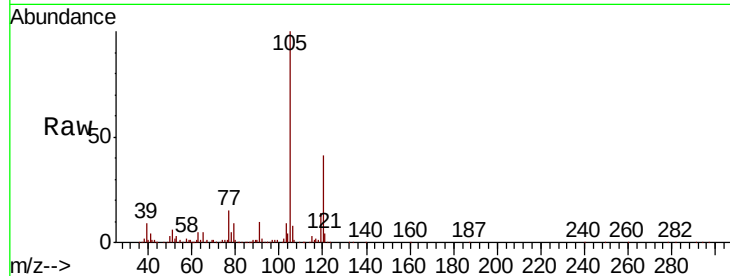
Tot Ion:119 Resp: 89253

Ion Ratio Lower Upper

119 100

91 106.6 66.9 100.3#

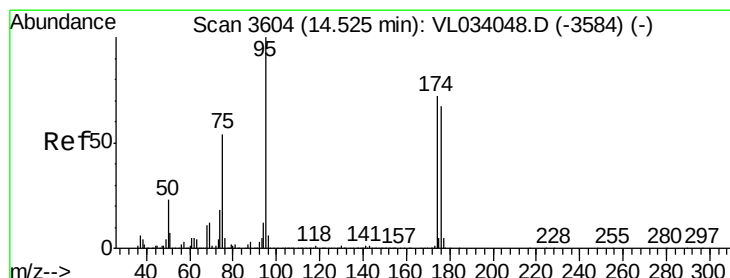
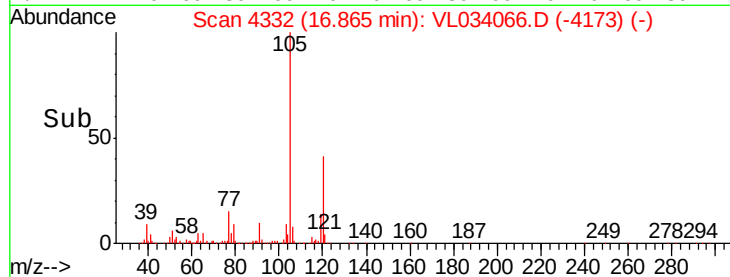
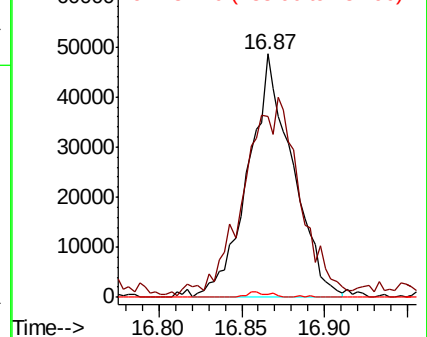
134 1.3 15.5 23.3#



Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.219 ppbv

RT: 14.52 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VL034066.D

Acq: 30 Jul 2019 15:30

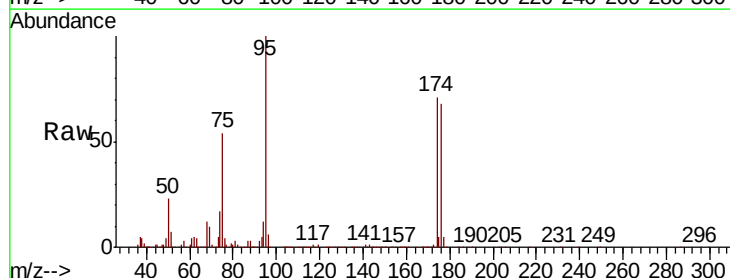
Tgt Ion: 95 Resp: 2635223

Ion Ratio Lower Upper

95 100

174 72.1 57.6 86.4

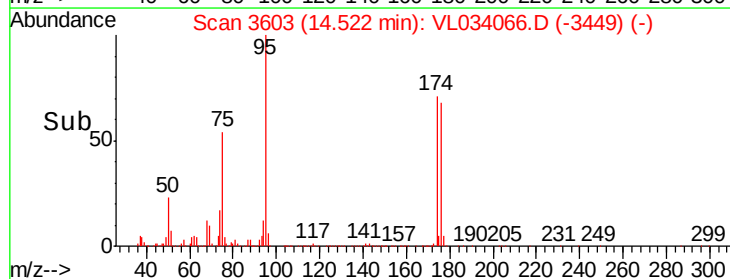
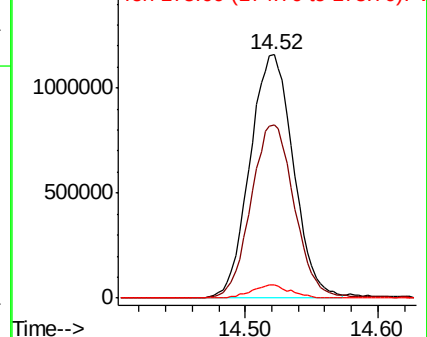
175 5.0 4.1 6.1

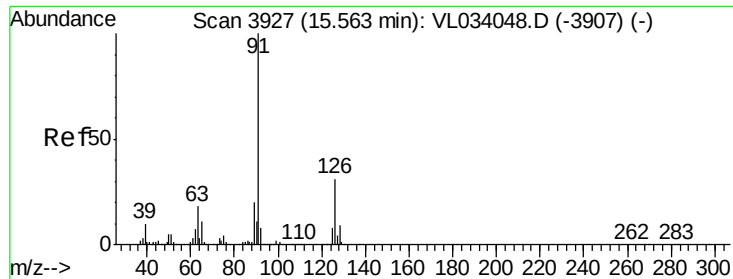


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





#71

2-Chlorotoluene

Concen: 0.255 ppbv

RT: 15.66 min Scan# 3957

Delta R.T. 0.10 min

Lab File: VL034066.D

Acq: 30 Jul 2019 15:30

Instrument :

MSVOA_L

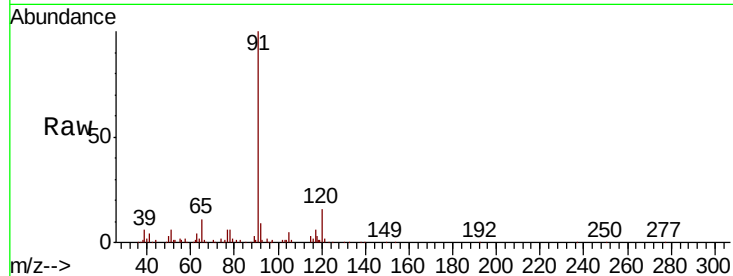
ClientSampleId :

Tot Ion: 91 Resp: 86426

Ion Ratio Lower Upper

91 100

126 0.3 12.0 48.2#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

100000

80000

60000

40000

20000

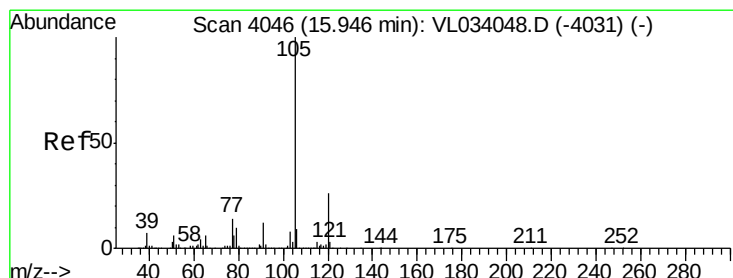
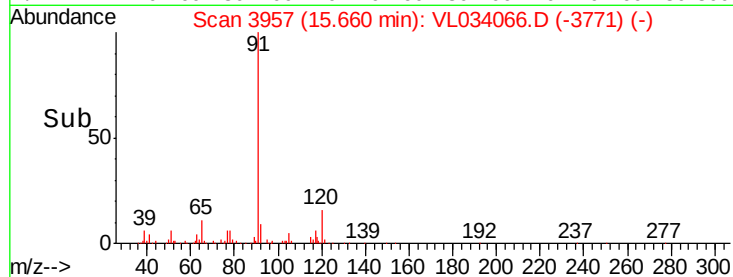
0

15.60

15.65

15.66

Time-->



#72

4-Ethyltoluene

Concen: 0.675 ppbv

RT: 15.95 min Scan# 4046

Delta R.T. -0.00 min

Lab File: VL034066.D

Acq: 30 Jul 2019 15:30

Tgt Ion:105 Resp: 266379

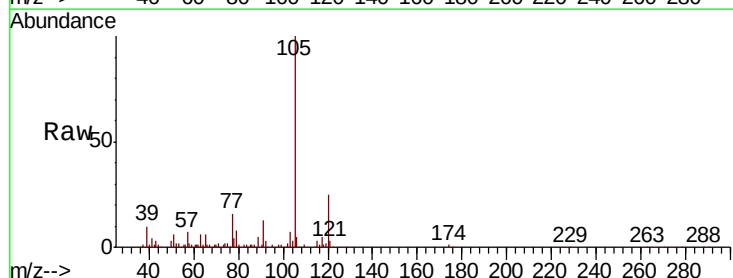
Ion Ratio Lower Upper

105 100

120 27.9 23.0 34.4

91 13.8 10.6 16.0

77 13.8 11.5 17.3



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

300000

200000

100000

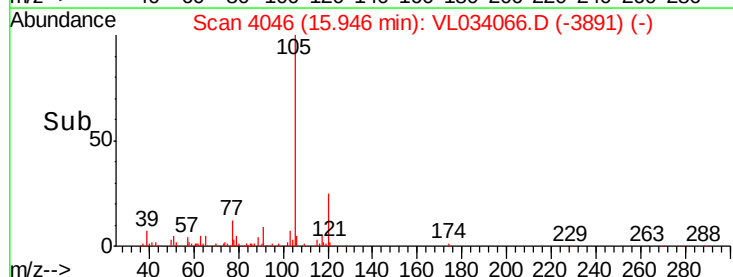
0

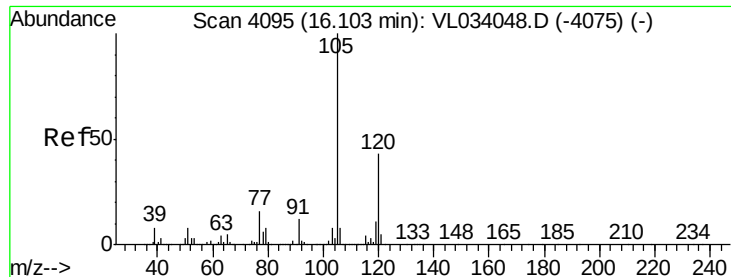
15.90

15.95

16.00

Time-->





#73

1,3,5-Trimethylbenzene

Concen: 0.247 ppbv

RT: 16.10 min Scan# 4094

Delta R.T. -0.00 min

Lab File: VL034066.D

Acq: 30 Jul 2019 15:30

Instrument :

MSVOA_L

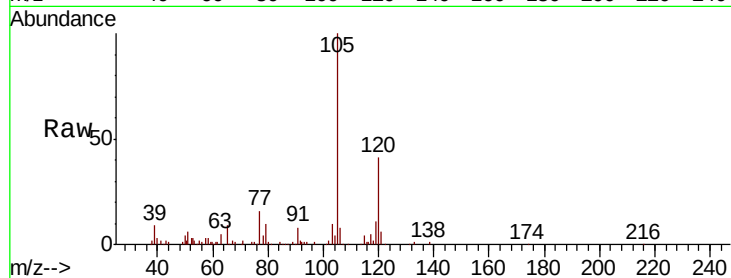
ClientSampled :

Tot Ion:105 Resp: 99314

Ion Ratio Lower Upper

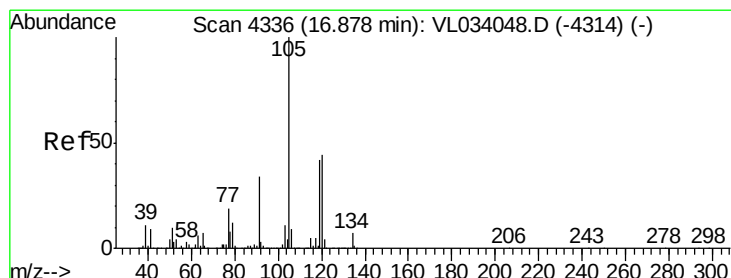
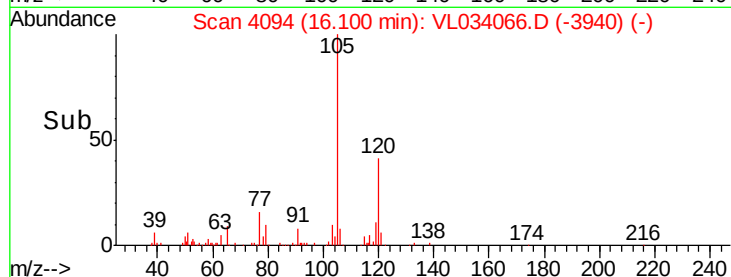
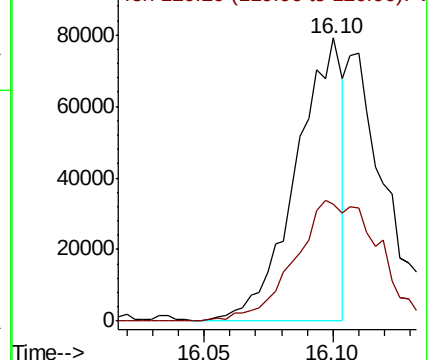
105 100

120 41.2 34.7 52.1



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 1.711 ppbv

RT: 16.87 min Scan# 4333

Delta R.T. -0.01 min

Lab File: VL034066.D

Acq: 30 Jul 2019 15:30

Tgt Ion:105 Resp: 754461

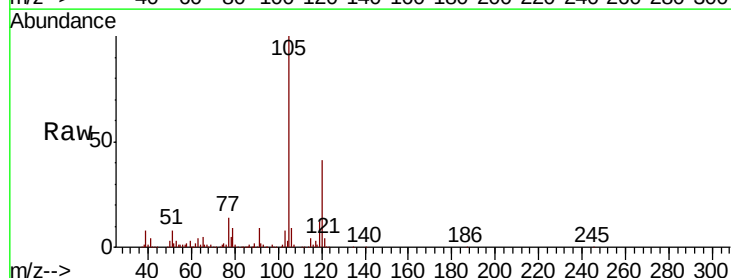
Ion Ratio Lower Upper

105 100

120 41.5 35.6 53.4

91 8.8 28.0 42.0#

77 13.5 15.2 22.8#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

