

Data File : VL033195.D
Acq On : 13 Feb 2019 20:26
Operator : SY/AP
Sample : K1408-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
AB-SS

Quant Time: Feb 14 04:28:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL020519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 06 09:13:11 2019
QLast Update : Wed Feb 06 09:13:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	821692	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1838174	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1890820	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	1721396	11.82	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	118.20%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.08	85	77461	0.493	ppbv	94
3) Chlorodifluoromethane	3.01	51	72227	0.730	ppbv #	86
4) Chloromethane	3.17	50	21036	0.403	ppbv	97
5) Vinyl Chloride	3.30	62	2184	0.040	ppbv #	77
9) Propene	3.05	41	80687	1.688	ppbv #	80
10) Heptane	8.25	43	5911	0.041	ppbv #	34
11) Trichlorofluoromethane	4.01	101	193228	1.519	ppbv	97
13) Ethanol	3.65	45	196239	12.313	ppbv	96
15) Acetone	3.90	43	2337431	25.249	ppbv	99
16) 1,3-Butadiene	3.35	39	33159	0.755	ppbv #	42
17) tert-Butyl alcohol	4.37	59	14963	0.848	ppbv #	74
19) Isopropyl Alcohol	4.03	45	113948	1.815	ppbv #	95
20) Methylene Chloride	4.41	84	37793	1.026	ppbv	94
23) Vinyl Acetate	5.14	43	134145	0.836	ppbv #	75
25) Ethyl Acetate	5.78	43	55174	0.265	ppbv #	80
26) Hexane	5.78	57	74062	0.758	ppbv #	42
27) Carbon Disulfide	4.62	76	4687	0.052	ppbv #	1
34) 2-Butanone	5.33	43	762931	6.543	ppbv	99
35) Carbon Tetrachloride	7.14	117	7583	0.054	ppbv #	69
36) Benzene	7.01	78	327141	1.756	ppbv	98
39) 1,2-Dichloropropane	7.29	63	483947	6.578	ppbv #	25
44) 2,2,4-Trimethylpentane	7.99	57	12605	0.040	ppbv #	44
50) 4-Methyl-2-Pentanone	8.88	43	157324	0.841	ppbv	96
51) 2-Hexanone	10.28	43	29356	0.199	ppbv #	97
52) Tetrachloroethene	11.38	164	13946	0.195	ppbv	85
53) Toluene	9.95	91	218322	0.990	ppbv	96
58) Ethyl Benzene	12.86	91	915411	2.991	ppbv	98
59) m/p-Xylene	13.12	91	2050971	8.031	ppbv #	100
60) o-Xylene	13.85	91	588388	2.369	ppbv	98
61) Styrene	13.69	104	54125	0.289	ppbv #	64
62) Isopropylbenzene	14.83	105	11507	0.033	ppbv #	25
74) 1,2,4-Trimethylbenzene	16.93	105	10097	0.036	ppbv #	78

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

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Instrument :
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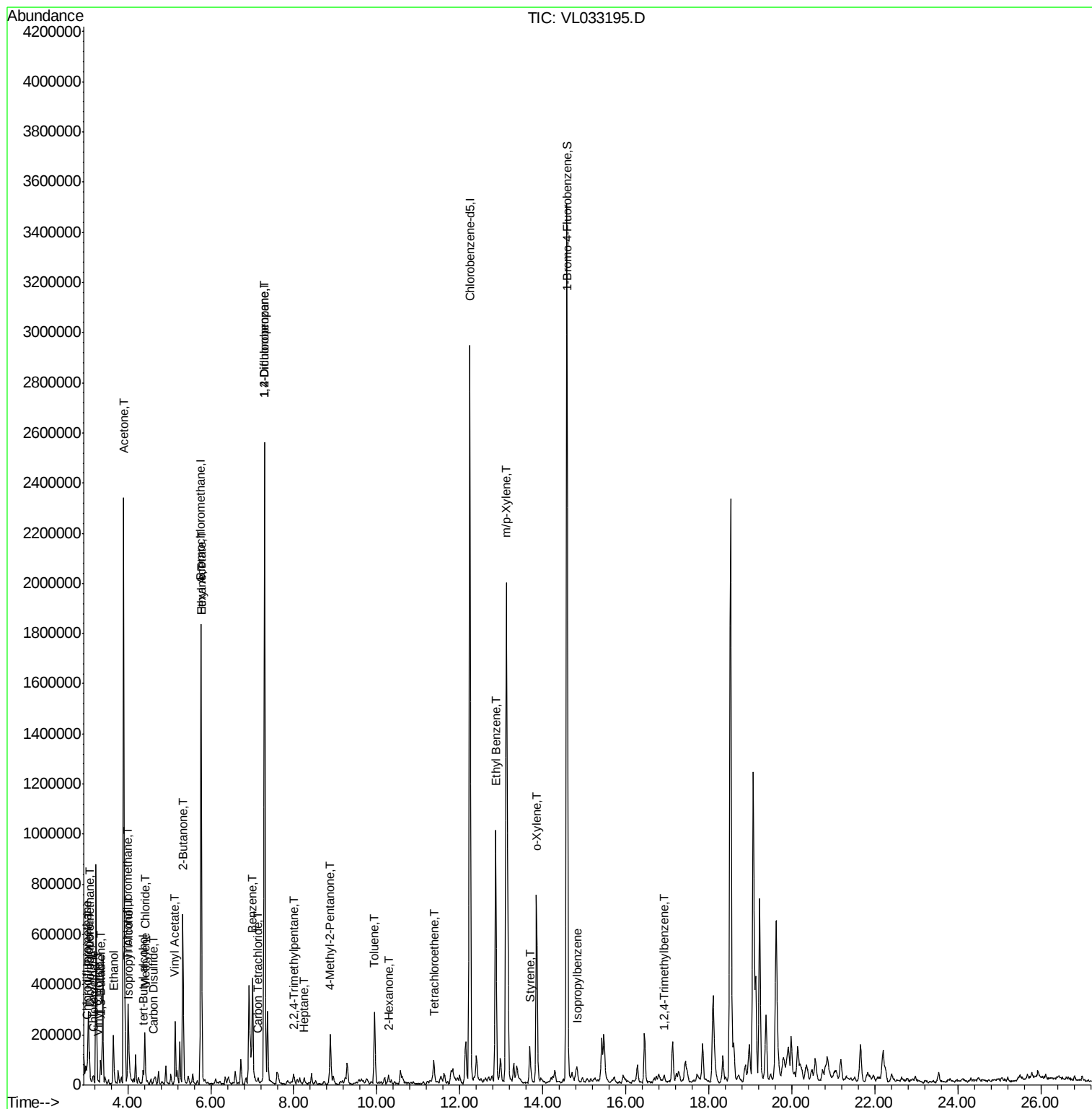
Quant Time: Feb 14 04:28:42 2019

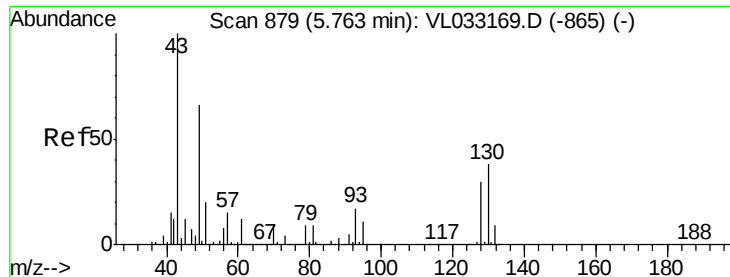
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_L\METHODS\VL020519AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Feb 06 09:13:11 2019

QLast Update : Wed Feb 06 09:13:11 2019

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 879

Delta R.T. -0.00 min

Lab File: VL033195.D

Acq: 13 Feb 2019 20:26

Instrument :

MSVOA_L

ClientSampleId :

AB-SS

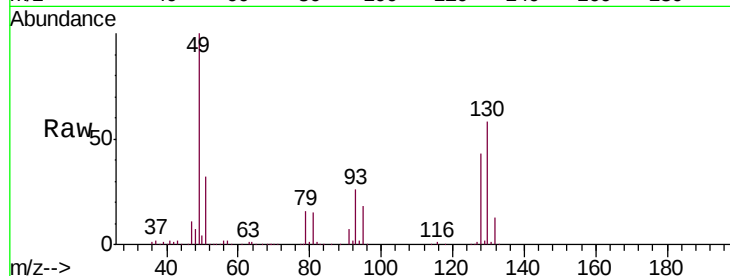
Tgt Ion: 49 Resp: 821692

Ion Ratio Lower Upper

49 100

128 45.6 23.6 71.0

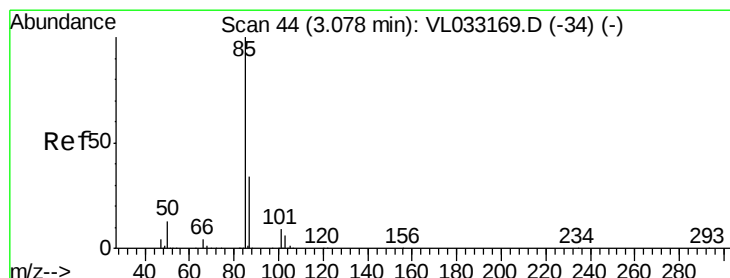
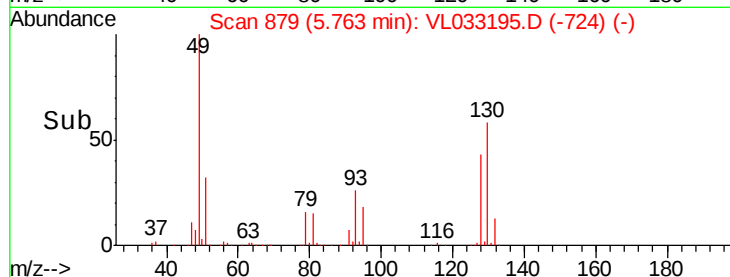
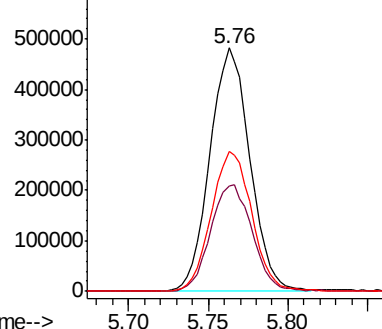
130 58.7 30.3 91.0



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



#2

Dichlorodifluoromethane

Concen: 0.493 ppbv

RT: 3.08 min Scan# 44

Delta R.T. -0.00 min

Lab File: VL033195.D

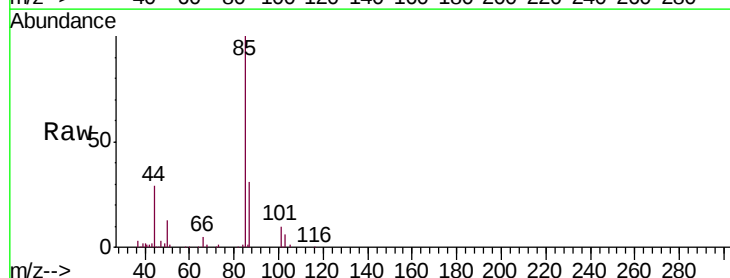
Acq: 13 Feb 2019 20:26

Tgt Ion: 85 Resp: 77461

Ion Ratio Lower Upper

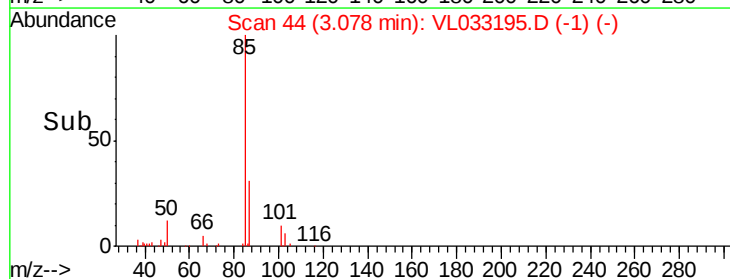
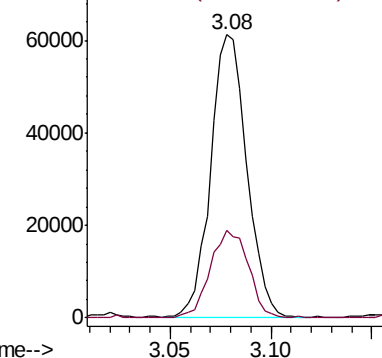
85 100

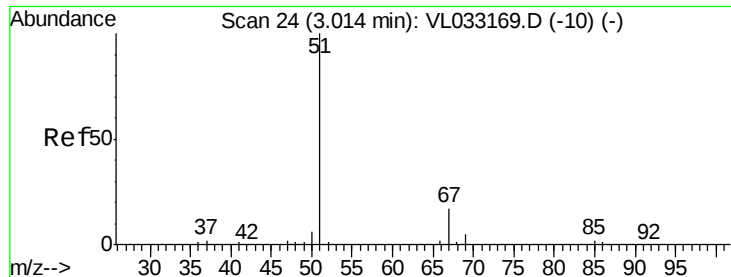
87 31.1 27.4 41.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.730 ppbv

RT: 3.01 min Scan# 24

Delta R.T. -0.00 min

Lab File: VL033195.D

Acq: 13 Feb 2019 20:26

Instrument :

MSVOA_L

ClientSampleId :

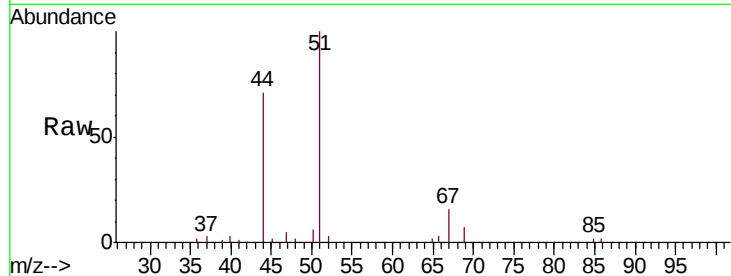
AB-SS

Tgt Ion: 51 Resp: 72227

Ion Ratio Lower Upper

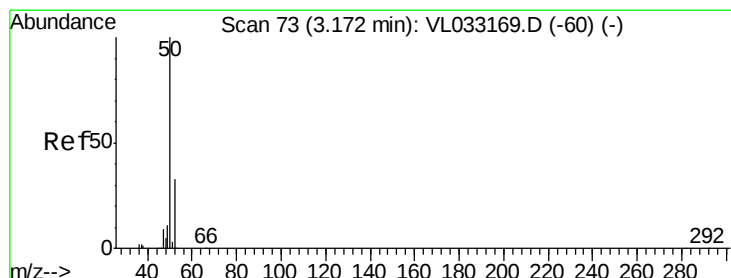
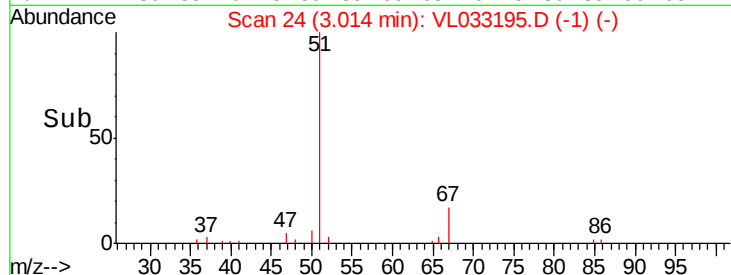
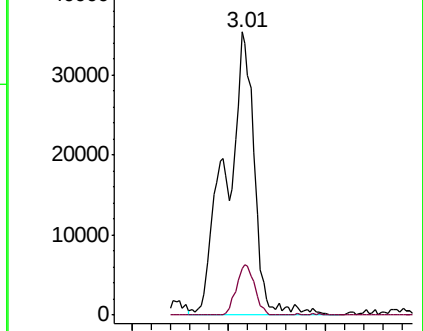
51 100

67 11.4 14.0 21.0#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.403 ppbv

RT: 3.17 min Scan# 74

Delta R.T. 0.00 min

Lab File: VL033195.D

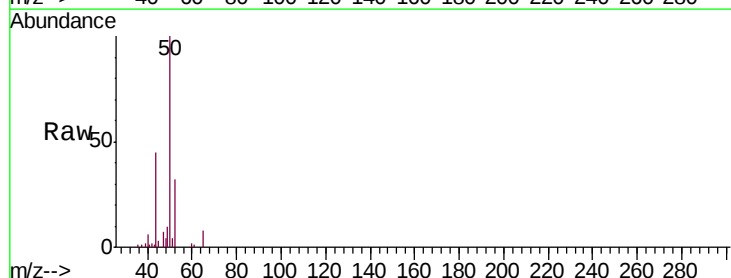
Acq: 13 Feb 2019 20:26

Tgt Ion: 50 Resp: 21036

Ion Ratio Lower Upper

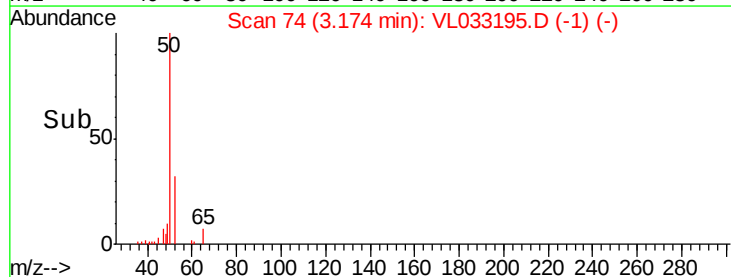
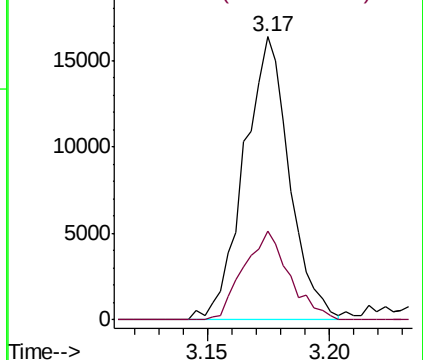
50 100

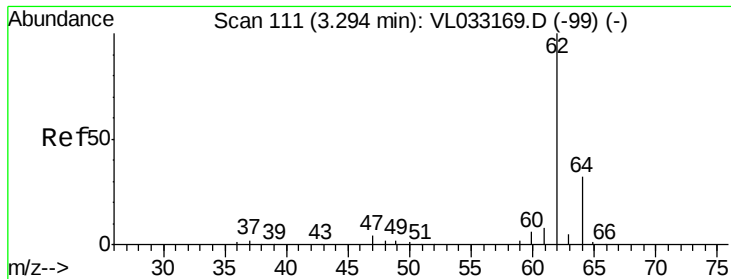
52 31.6 26.5 39.7



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.040 ppbv

RT: 3.30 min Scan# 112

Delta R.T. 0.00 min

Lab File: VL033195.D

Acq: 13 Feb 2019 20:26

Instrument :

MSVOA_L

ClientSampleId :

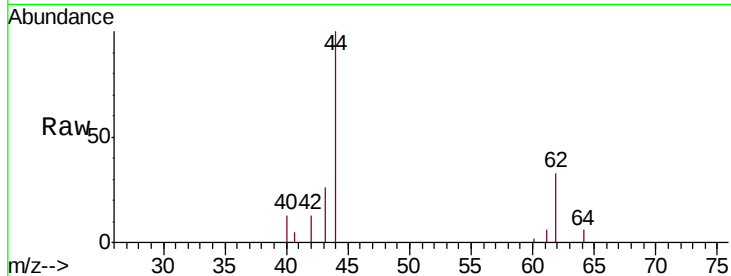
AB-SS

Tgt Ion: 62 Resp: 2184

Ion Ratio Lower Upper

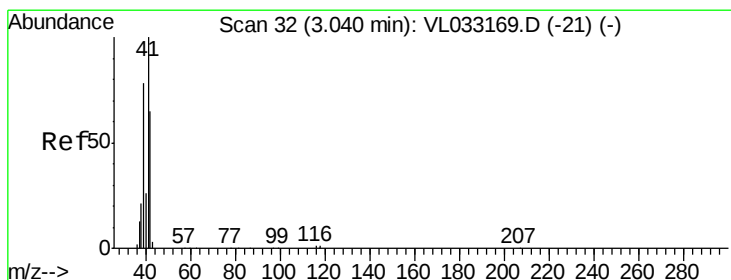
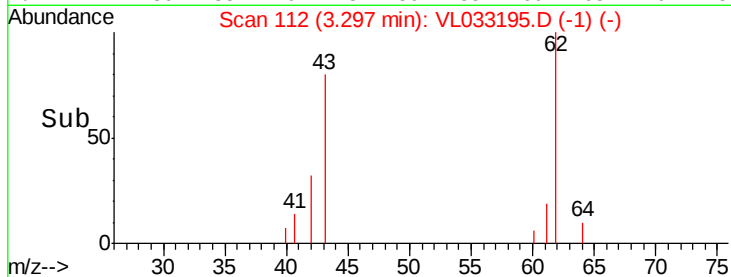
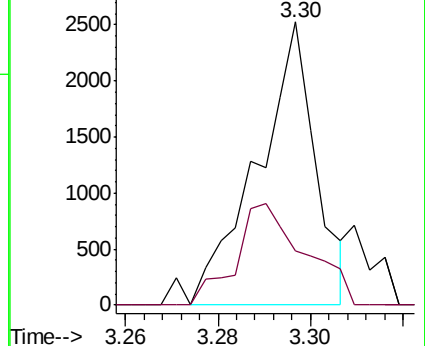
62 100

64 19.2 25.6 38.4#



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#9

Propene

Concen: 1.688 ppbv

RT: 3.05 min Scan# 35

Delta R.T. 0.01 min

Lab File: VL033195.D

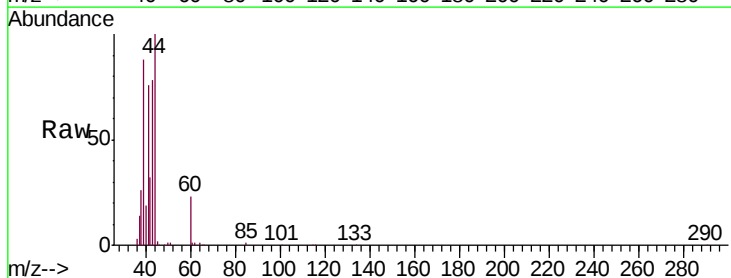
Acq: 13 Feb 2019 20:26

Tgt Ion: 41 Resp: 80687

Ion Ratio Lower Upper

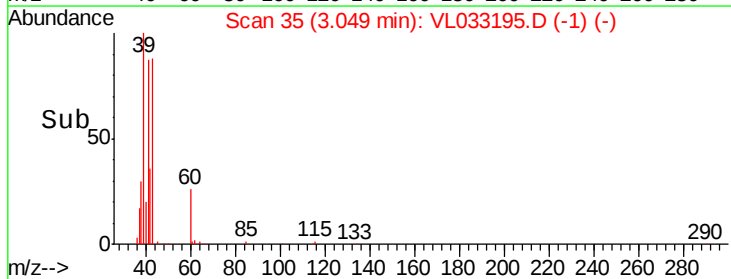
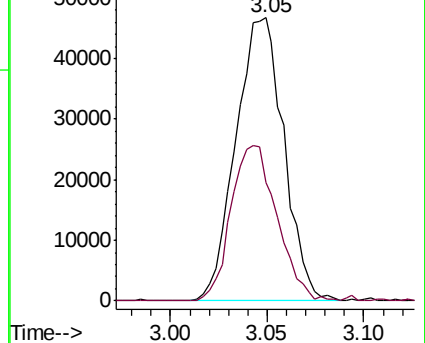
41 100

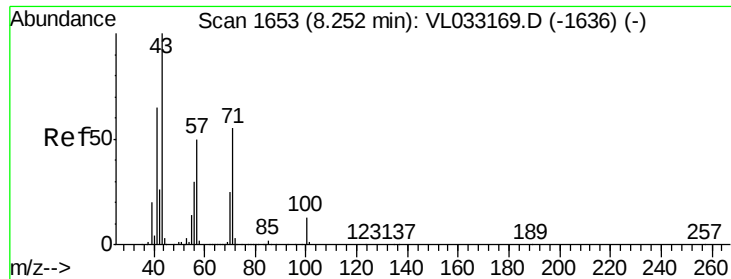
42 52.7 55.0 82.6#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#10

Heptane

Concen: 0.041 ppbv

RT: 8.25 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VL033195.D

Acq: 13 Feb 2019 20:26

Instrument :

MSVOA_L

ClientSampleId :

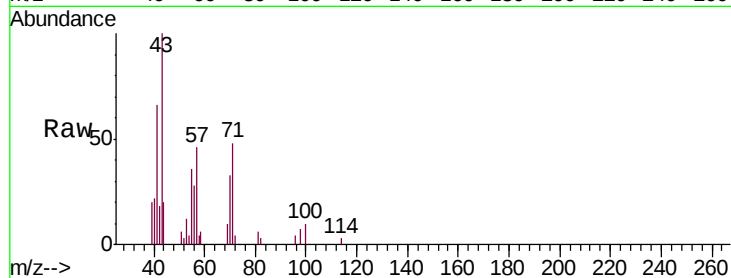
AB-SS

Tgt Ion: 43 Resp: 5911

Ion Ratio Lower Upper

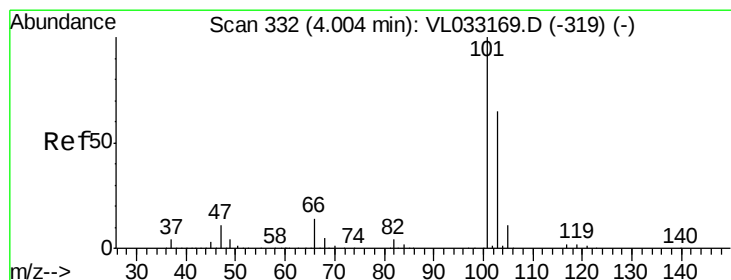
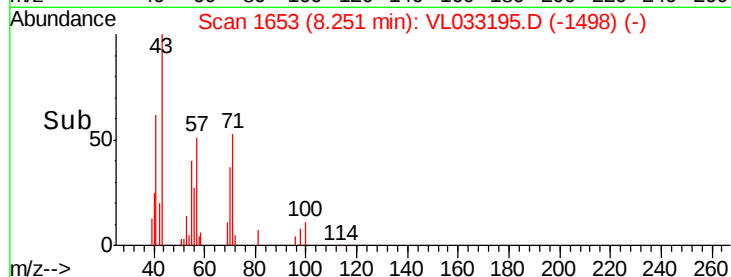
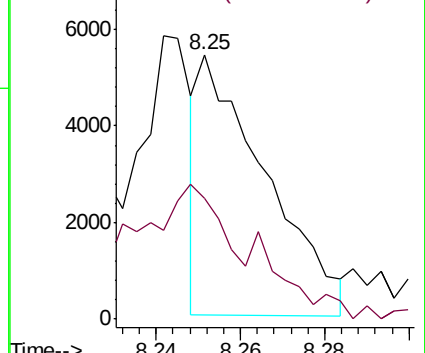
43 100

57 94.3 39.5 59.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#11

Trichlorofluoromethane

Concen: 1.519 ppbv

RT: 4.01 min Scan# 333

Delta R.T. 0.00 min

Lab File: VL033195.D

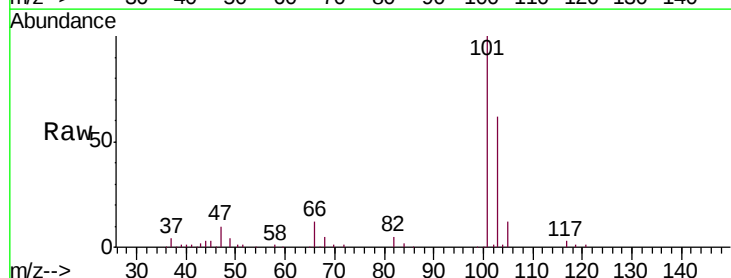
Acq: 13 Feb 2019 20:26

Tgt Ion: 101 Resp: 193228

Ion Ratio Lower Upper

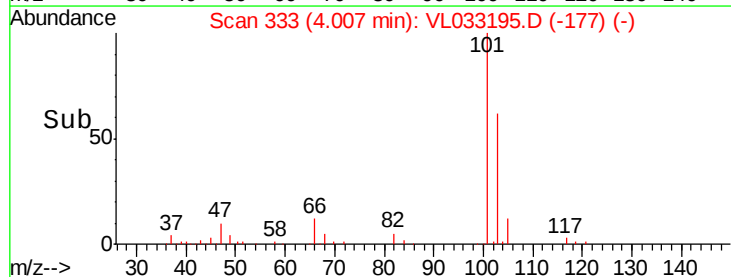
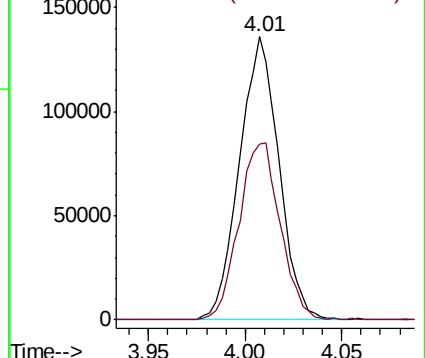
101 100

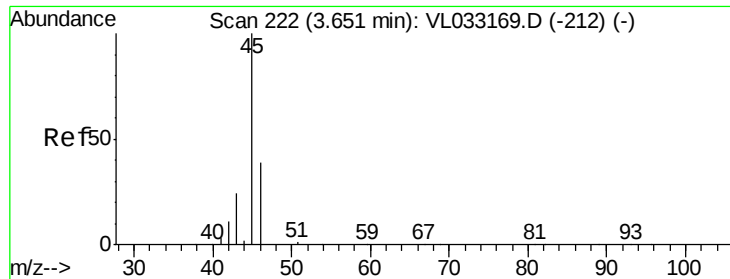
103 62.2 51.7 77.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#13

Ethanol

Concen: 12.313 ppbv

RT: 3.65 min Scan# 222

Delta R.T. -0.00 min

Lab File: VL033195.D

Acq: 13 Feb 2019 20:26

Instrument :

MSVOA_L

ClientSampleId :

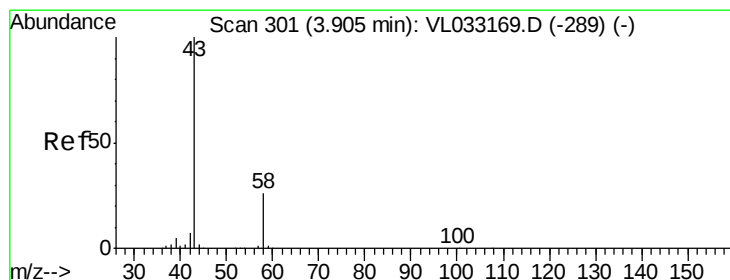
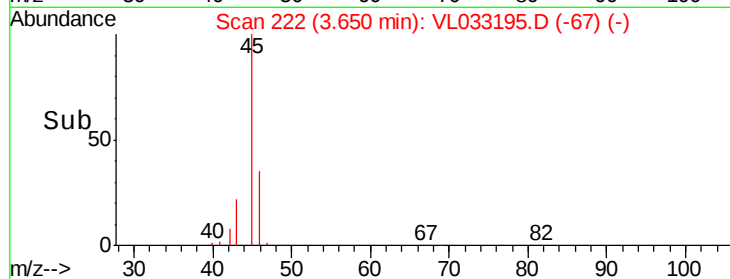
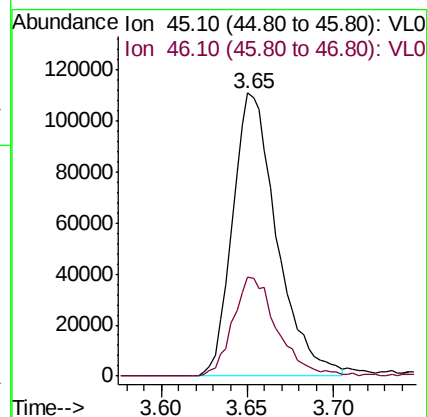
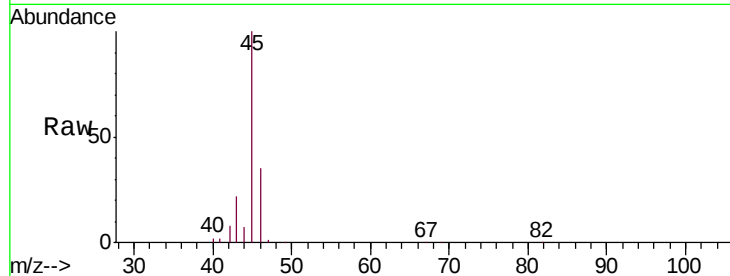
AB-SS

Tgt Ion: 45 Resp: 196239

Ion Ratio Lower Upper

45 100

46 35.5 15.0 60.2



#15

Acetone

Concen: 25.249 ppbv

RT: 3.90 min Scan# 299

Delta R.T. -0.01 min

Lab File: VL033195.D

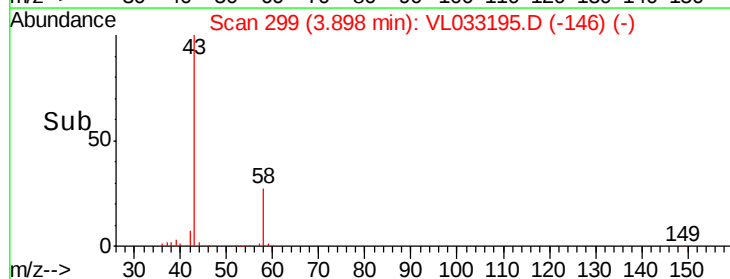
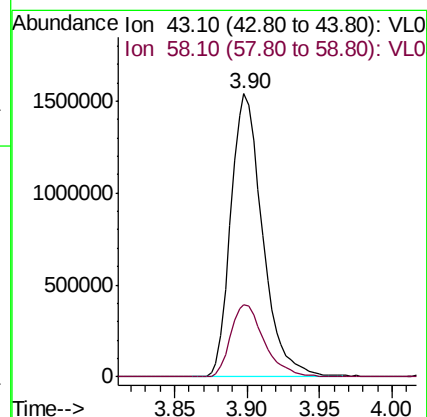
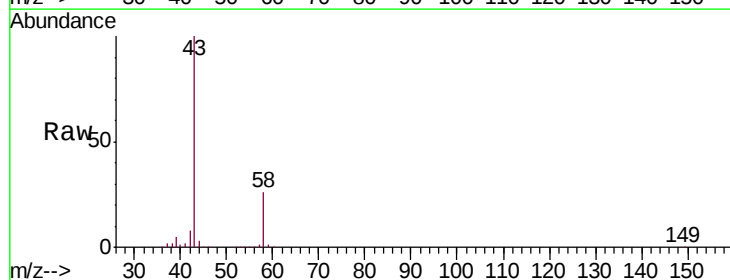
Acq: 13 Feb 2019 20:26

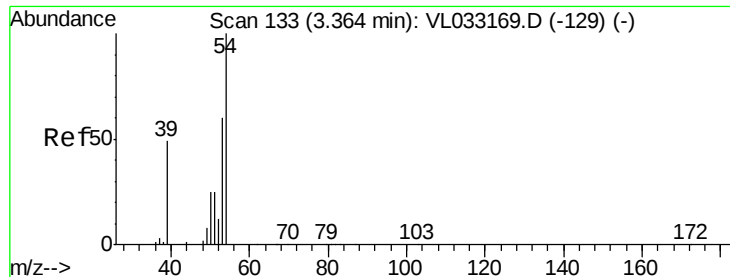
Tgt Ion: 43 Resp: 2337431

Ion Ratio Lower Upper

43 100

58 27.1 21.1 31.7

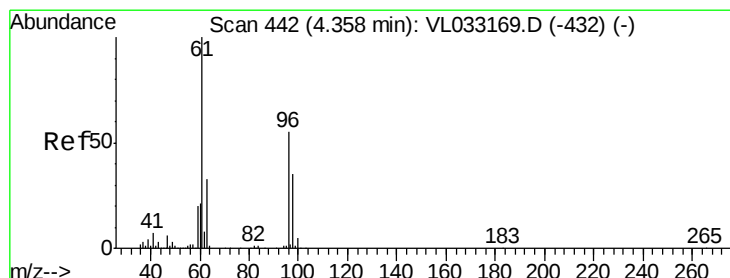
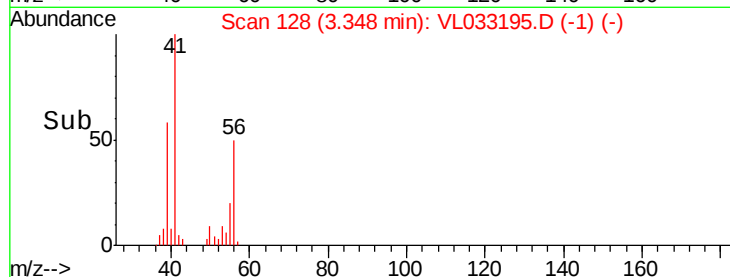
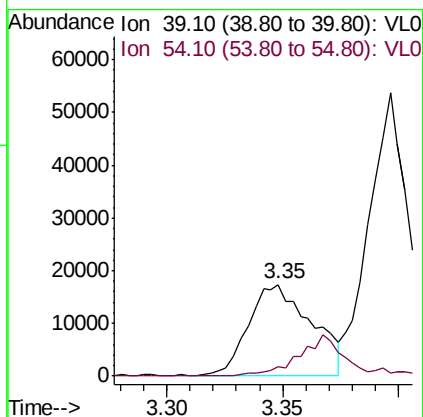
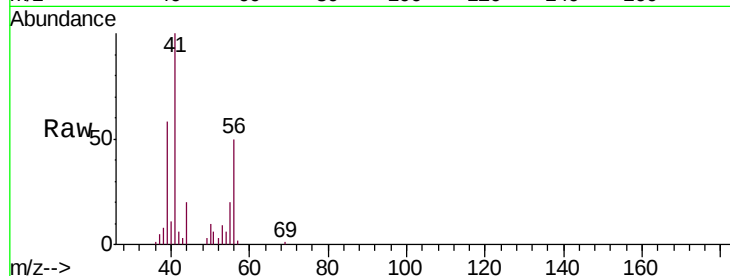




#16
1,3-Butadiene
Concen: 0.755 ppbv
RT: 3.35 min Scan# 128
Delta R.T. -0.02 min
Lab File: VL033195.D
Acq: 13 Feb 2019 20:26

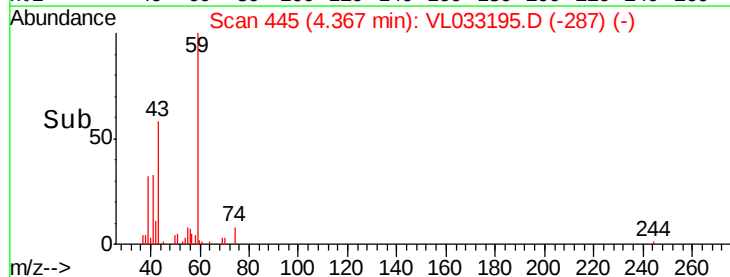
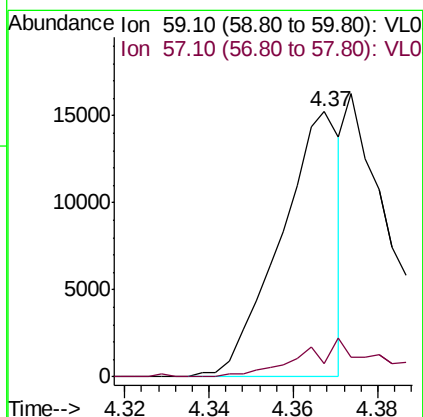
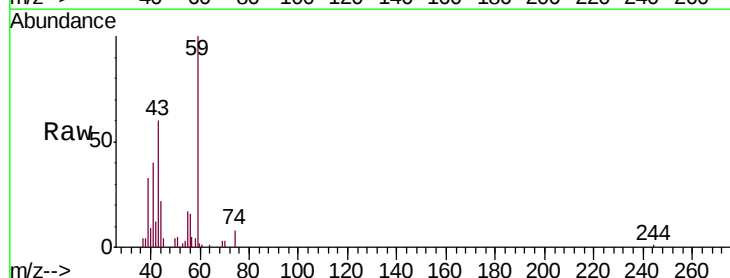
Instrument :
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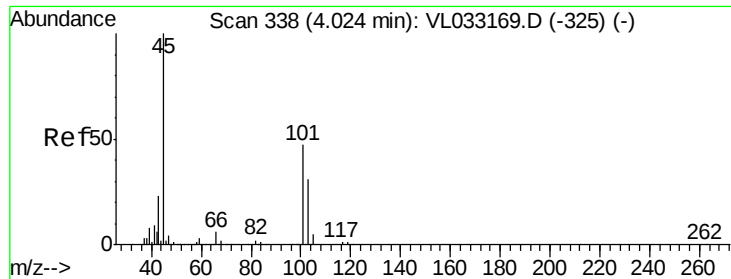
Tgt Ion: 39 Resp: 33159
Ion Ratio Lower Upper
39 100
54 34.3 71.3 106.9#



#17
tert-Butyl alcohol
Concen: 0.848 ppbv
RT: 4.37 min Scan# 445
Delta R.T. 0.01 min
Lab File: VL033195.D
Acq: 13 Feb 2019 20:26

Tgt Ion: 59 Resp: 14963
Ion Ratio Lower Upper
59 100
57 0.0 7.6 11.4#





#19

Isopropyl Alcohol

Concen: 1.815 ppbv

RT: 4.03 min Scan# 341

Delta R.T. 0.01 min

Lab File: VL033195.D

Acq: 13 Feb 2019 20:26

Instrument :

MSVOA_L

ClientSampleId :

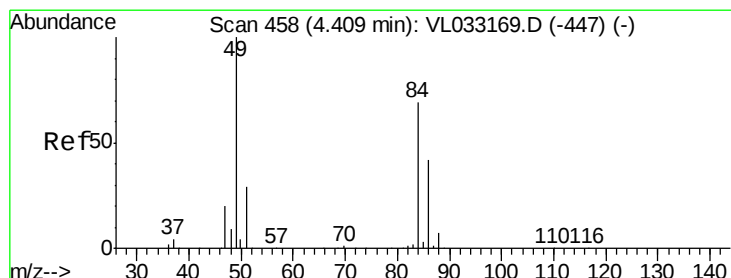
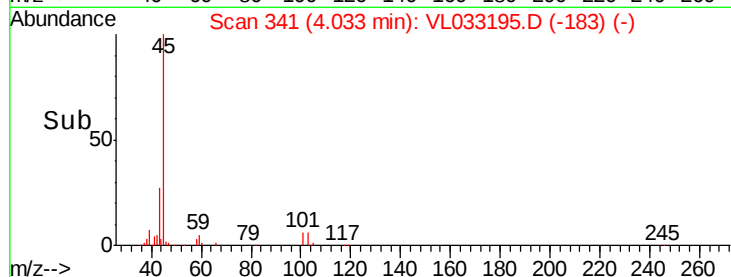
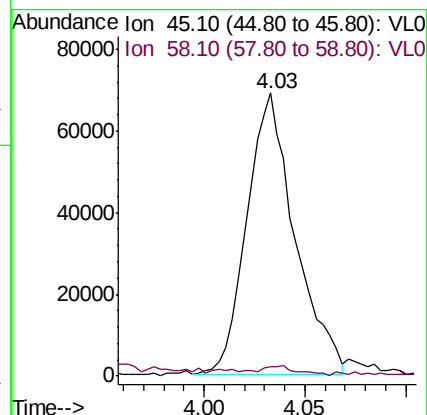
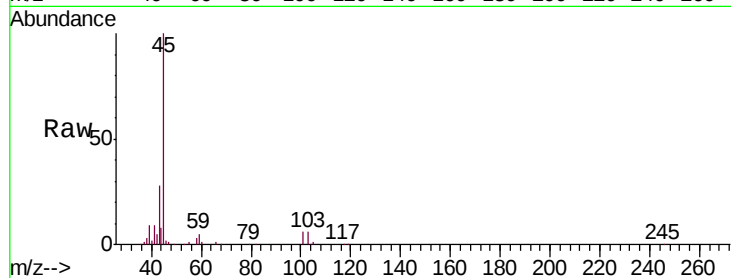
AB-SS

Tgt Ion: 45 Resp: 113948

Ion Ratio Lower Upper

45 100

58 0.0 1.5 2.3#



#20

Methylene Chloride

Concen: 1.026 ppbv

RT: 4.41 min Scan# 458

Delta R.T. -0.00 min

Lab File: VL033195.D

Acq: 13 Feb 2019 20:26

Tgt Ion: 84 Resp: 37793

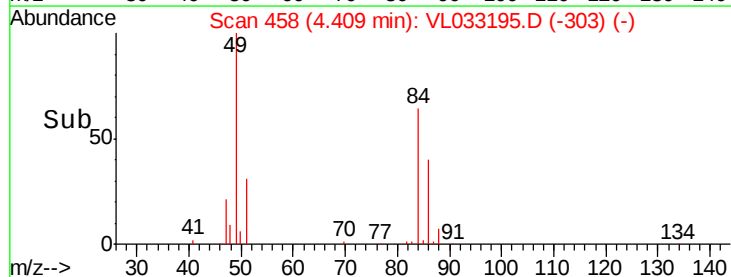
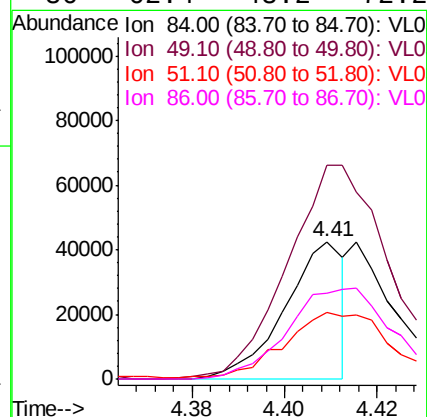
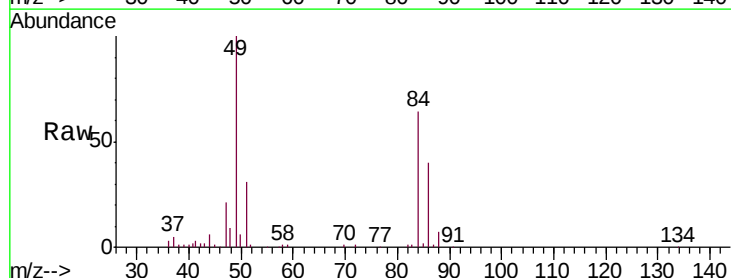
Ion Ratio Lower Upper

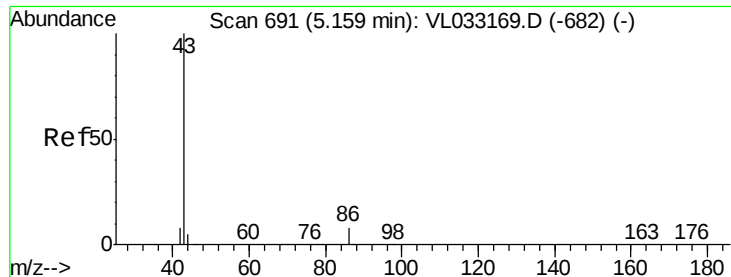
84 100

49 153.6 115.8 173.8

51 46.8 33.0 49.6

86 62.4 48.2 72.2





#23

Vinyl Acetate

Concen: 0.836 ppbv

RT: 5.14 min Scan# 686

Delta R.T. -0.02 min

Lab File: VL033195.D

Acq: 13 Feb 2019 20:26

Instrument :

MSVOA_L

ClientSampleId :

AB-SS

Tgt Ion: 43 Resp: 134145

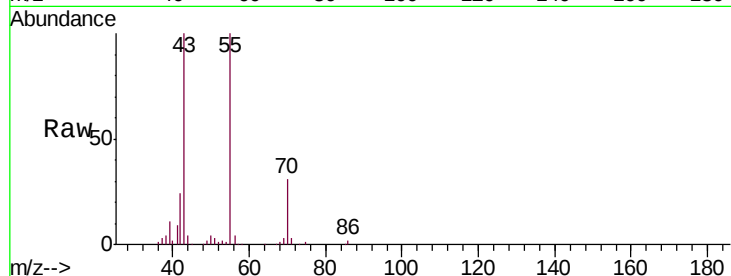
Ion Ratio Lower Upper

43 100

86 2.1 5.8 8.8#

42 24.3 7.4 11.0#

44 2.4 3.7 5.5#

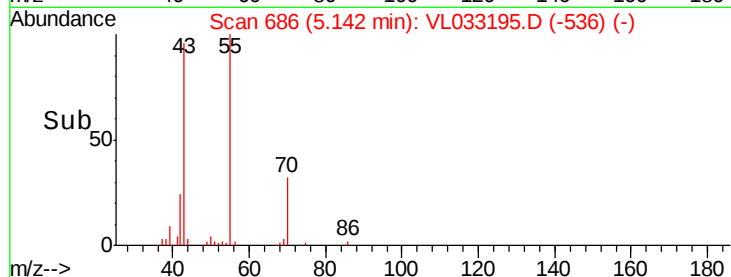


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

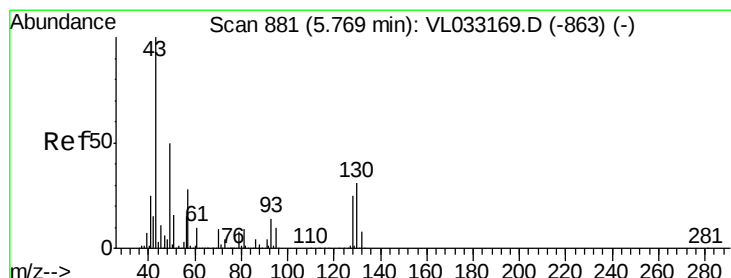
Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



Time-->

5.14



#25

Ethyl Acetate

Concen: 0.265 ppbv

RT: 5.78 min Scan# 884

Delta R.T. 0.01 min

Lab File: VL033195.D

Acq: 13 Feb 2019 20:26

Tgt Ion: 43 Resp: 55174

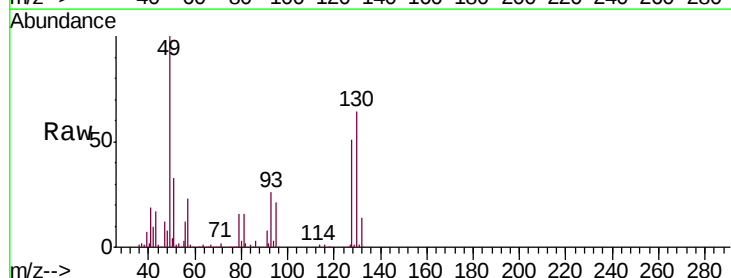
Ion Ratio Lower Upper

43 100

45 2.8 7.9 11.9#

61 0.4 7.5 11.3#

70 2.4 5.8 8.8#

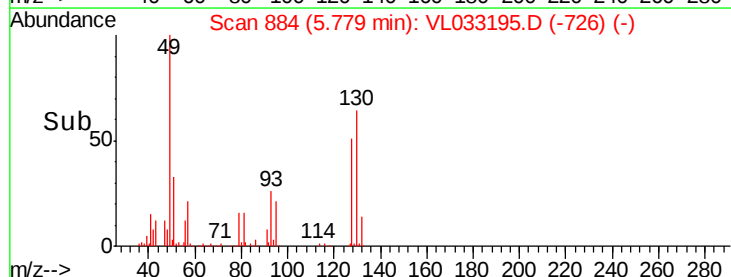


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

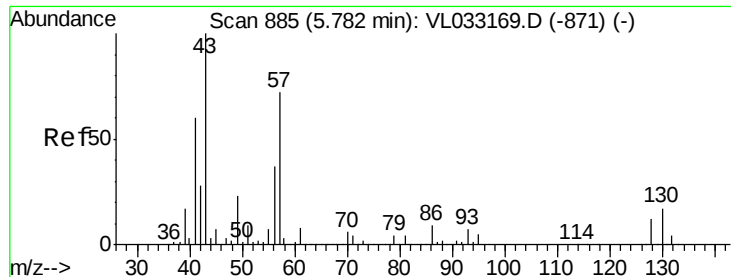
Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0



Time-->

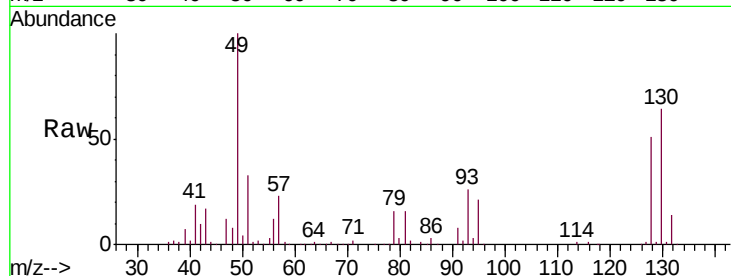
5.78



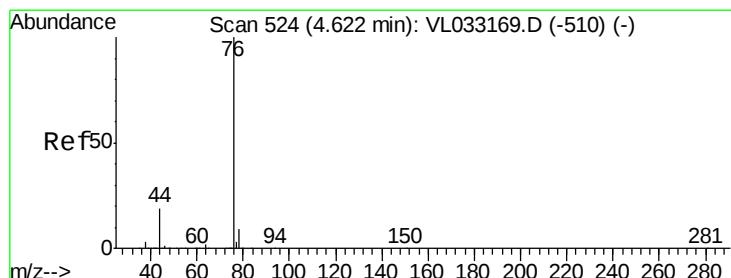
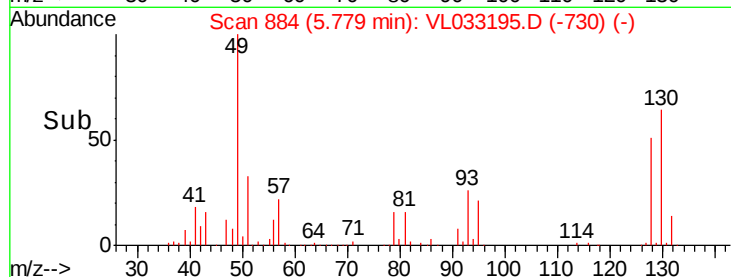
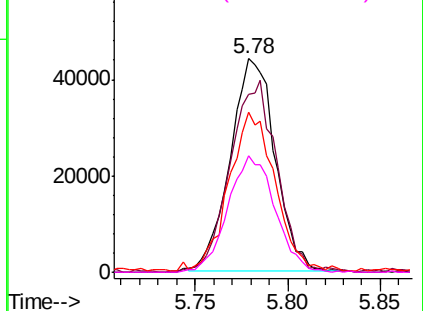
#26
Hexane
Concen: 0.758 ppbv
RT: 5.78 min Scan# 884
Delta R.T. -0.00 min
Lab File: VL033195.D
Acq: 13 Feb 2019 20:26

Instrument :
MSVOA_L
ClientSampleId :
AB-SS

Tgt Ion: 57 Resp: 74062
Ion Ratio Lower Upper
57 100
41 94.4 69.4 104.2
43 76.8 176.7 265.1#
56 57.4 41.4 62.0

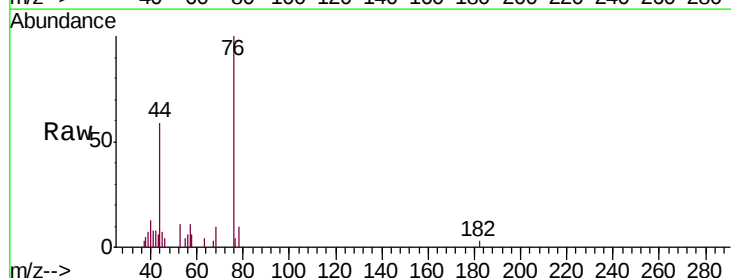


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

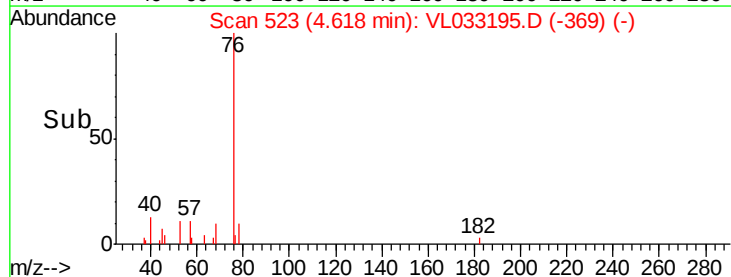
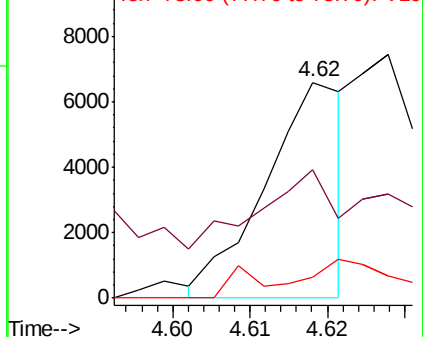


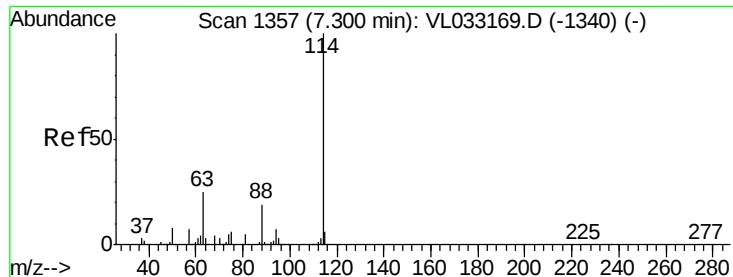
#27
Carbon Disulfide
Concen: 0.052 ppbv
RT: 4.62 min Scan# 523
Delta R.T. -0.00 min
Lab File: VL033195.D
Acq: 13 Feb 2019 20:26

Tgt Ion: 76 Resp: 4687
Ion Ratio Lower Upper
76 100
44 86.8 15.0 22.4#
78 28.2 7.4 11.0#



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

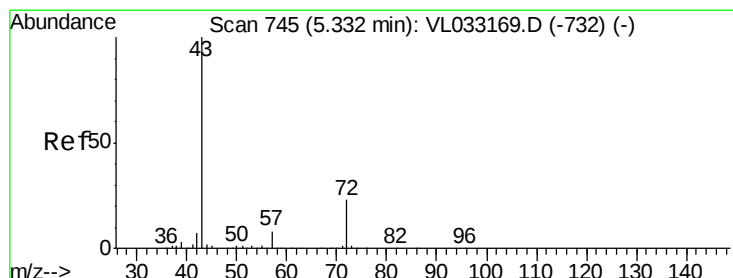
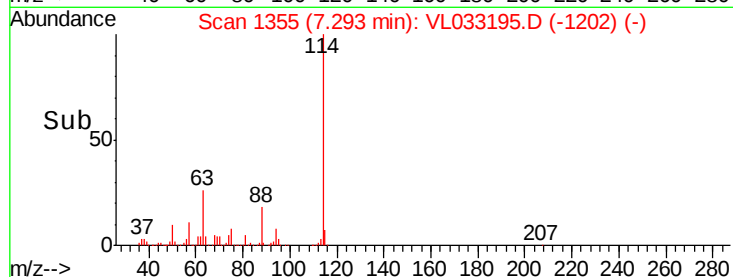
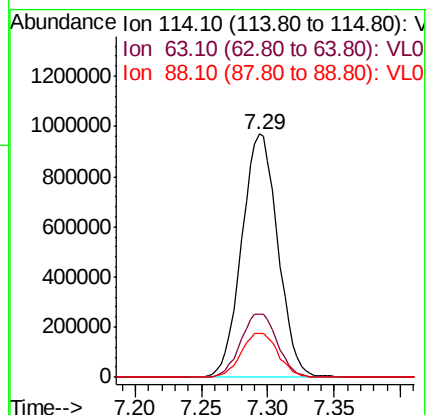
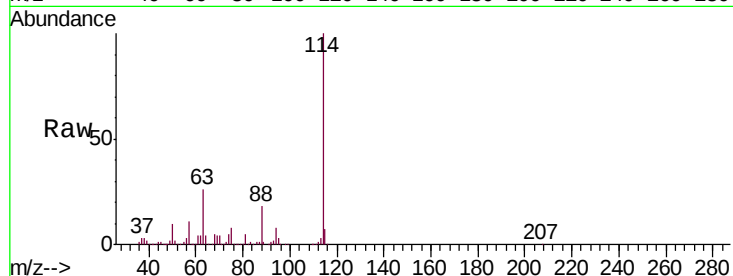




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VL033195.D
 Acq: 13 Feb 2019 20:26

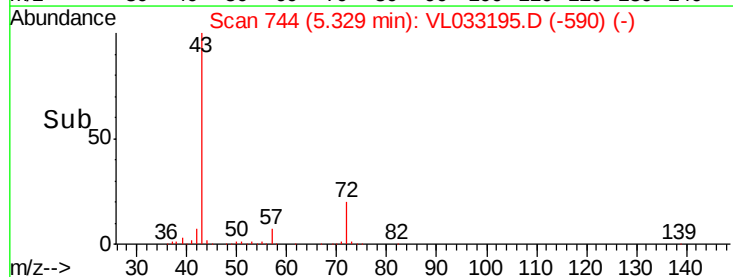
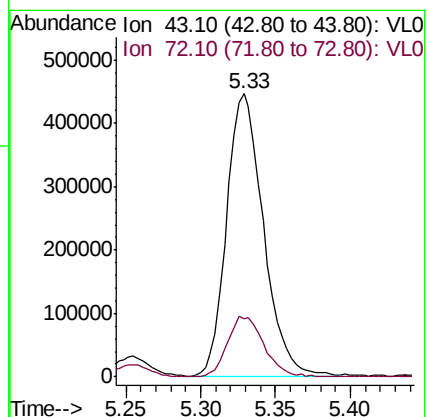
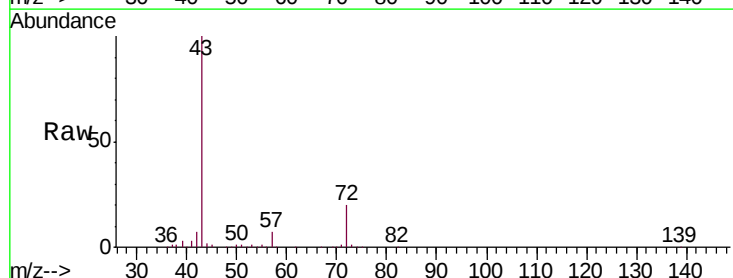
Instrument :
 MSVOA_L
 ClientSampleId :
 AB-SS

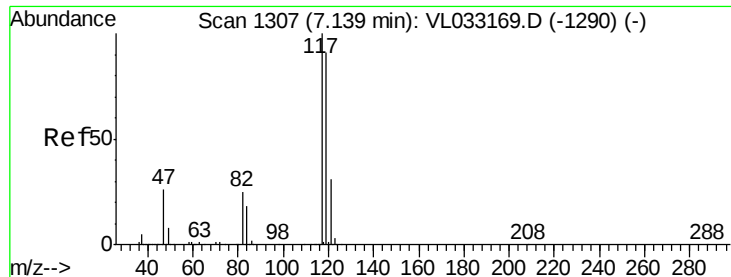
Tgt Ion: 114 Resp: 1838174
 Ion Ratio Lower Upper
 114 100
 63 26.5 20.8 31.2
 88 18.5 14.6 22.0



#34
 2-Butanone
 Concen: 6.543 ppbv
 RT: 5.33 min Scan# 744
 Delta R.T. -0.00 min
 Lab File: VL033195.D
 Acq: 13 Feb 2019 20:26

Tgt Ion: 43 Resp: 762931
 Ion Ratio Lower Upper
 43 100
 72 21.6 17.8 26.6





#35

Carbon Tetrachloride

Concen: 0.054 ppbv

RT: 7.14 min Scan# 1307

Delta R.T. -0.00 min

Lab File: VL033195.D

Acq: 13 Feb 2019 20:26

Instrument :

MSVOA_L

ClientSampleId :

AB-SS

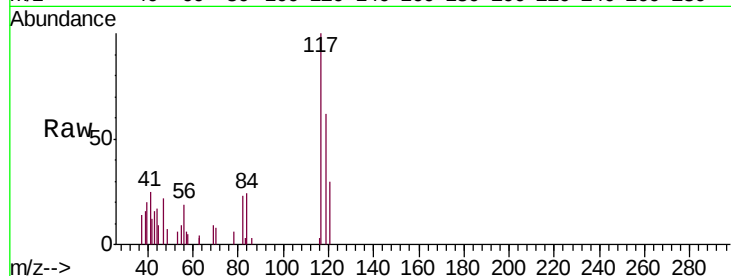
Tgt Ion:117 Resp: 7583

Ion Ratio Lower Upper

117 100

119 53.1 73.0 109.6#

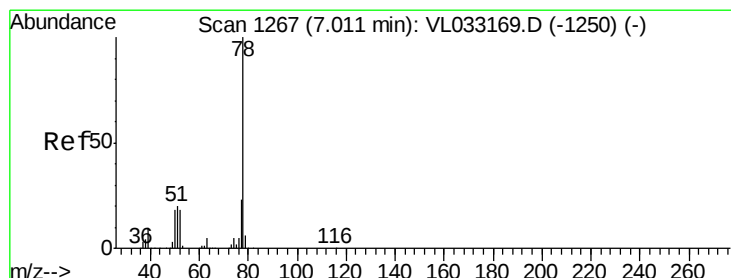
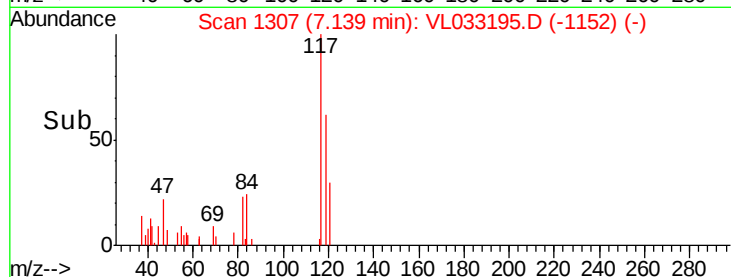
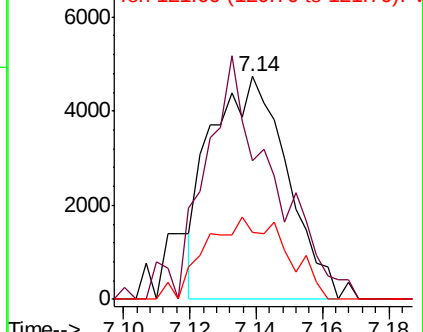
121 29.8 25.1 37.7



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 1.756 ppbv

RT: 7.01 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VL033195.D

Acq: 13 Feb 2019 20:26

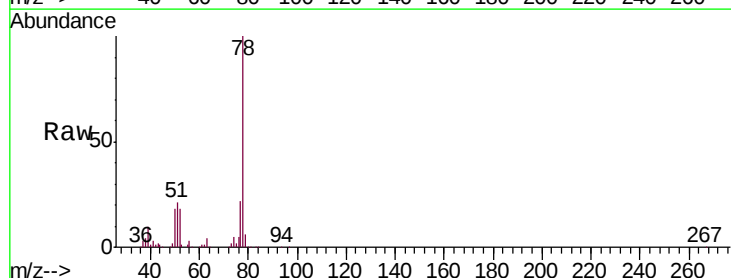
Tgt Ion: 78 Resp: 327141

Ion Ratio Lower Upper

78 100

77 21.5 18.0 27.0

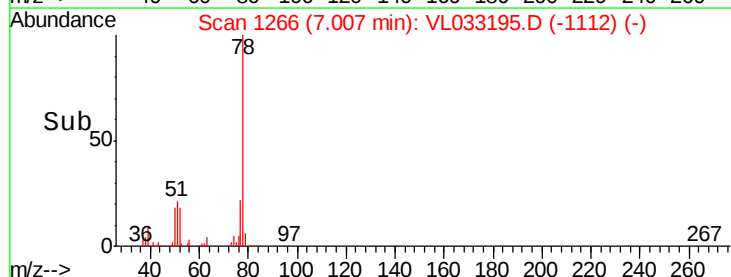
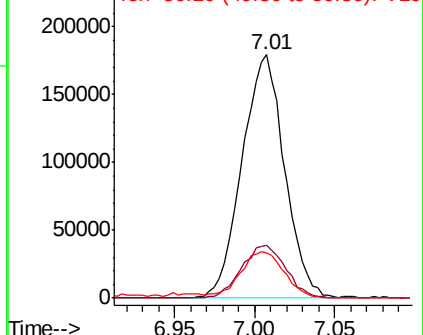
50 18.3 14.2 21.2

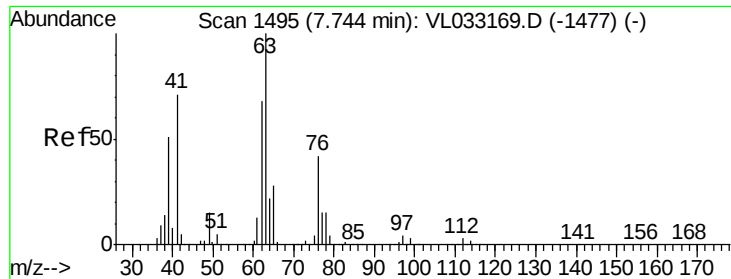


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





#39

1,2-Dichloropropane

Concen: 6.578 ppbv

RT: 7.29 min Scan# 1354

Delta R.T. -0.45 min

Lab File: VL033195.D

Acq: 13 Feb 2019 20:26

Instrument :

MSVOA_L

ClientSampleId :

AB-SS

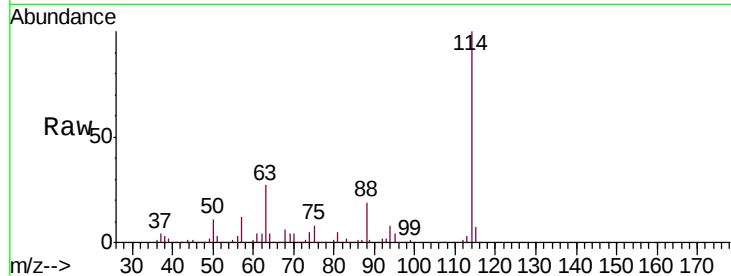
Tgt Ion: 63 Resp: 483947

Ion Ratio Lower Upper

63 100

41 0.0 56.4 84.6#

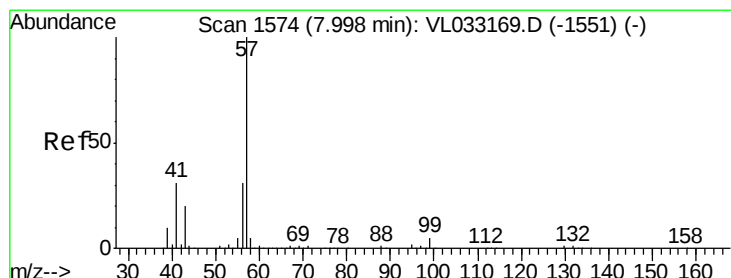
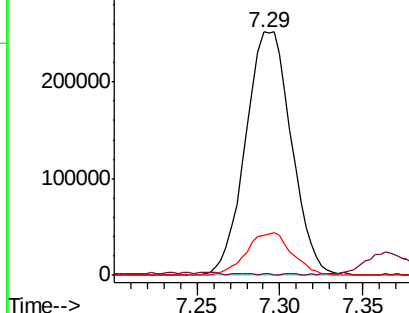
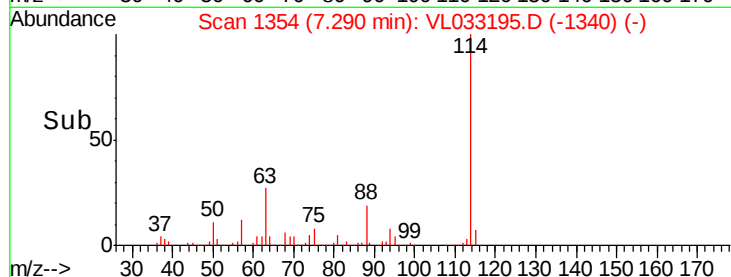
62 16.4 54.2 81.4#



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: 0.040 ppbv

RT: 7.99 min Scan# 1572

Delta R.T. -0.01 min

Lab File: VL033195.D

Acq: 13 Feb 2019 20:26

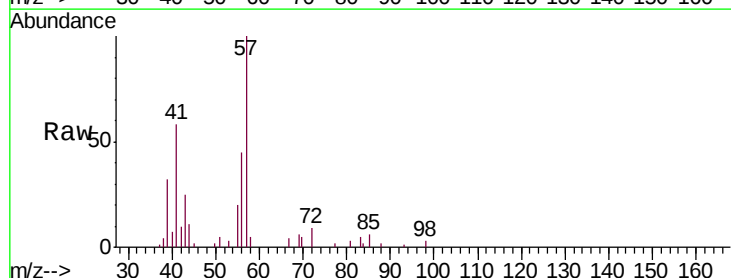
Tgt Ion: 57 Resp: 12605

Ion Ratio Lower Upper

57 100

41 0.0 25.1 37.7#

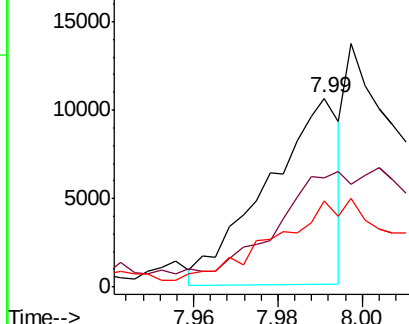
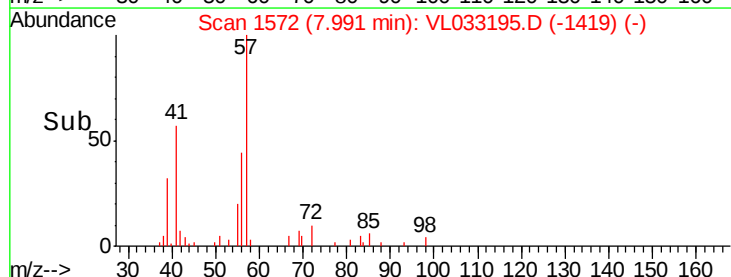
56 0.0 24.5 36.7#

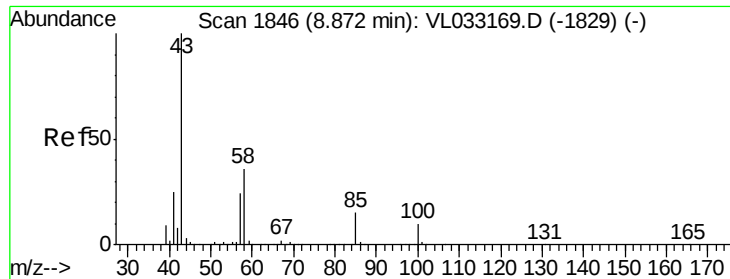


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 56.10 (55.80 to 56.80): VL0

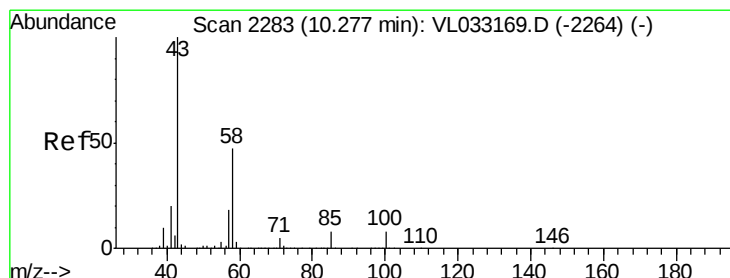
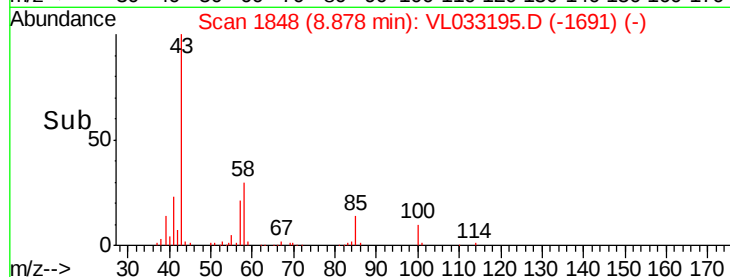
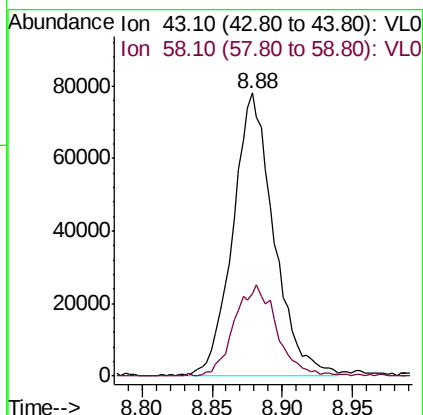
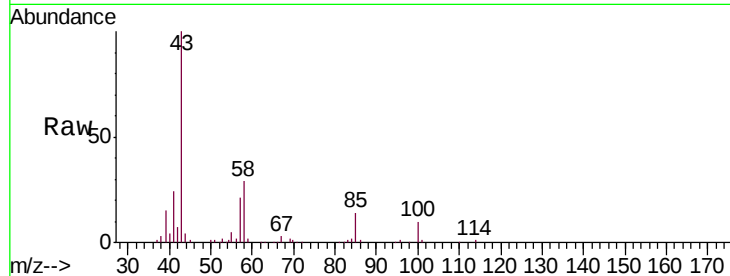




#50
4-Methyl-2-Pentanone
Concen: 0.841 ppbv
RT: 8.88 min Scan# 1848
Delta R.T. 0.01 min
Lab File: VL033195.D
Acq: 13 Feb 2019 20:26

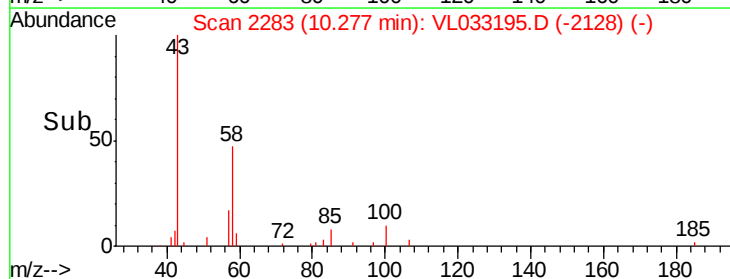
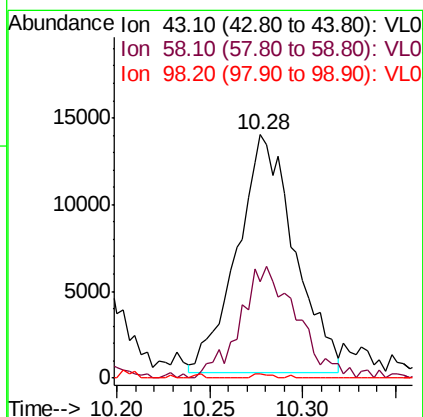
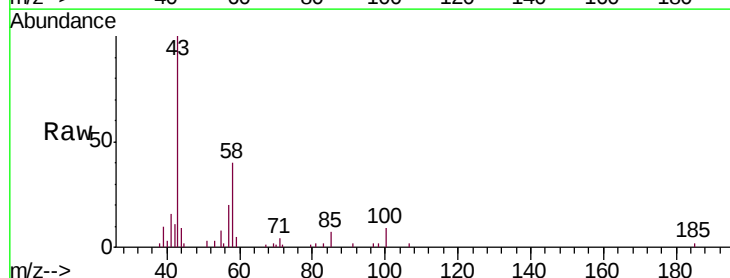
Instrument :
MSVOA_L
ClientSampleId :
AB-SS

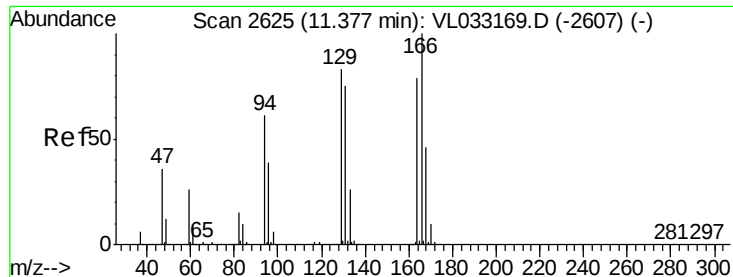
Tgt Ion: 43 Resp: 157324
Ion Ratio Lower Upper
43 100
58 34.1 29.0 43.6



#51
2-Hexanone
Concen: 0.199 ppbv
RT: 10.28 min Scan# 2283
Delta R.T. -0.00 min
Lab File: VL033195.D
Acq: 13 Feb 2019 20:26

Tgt Ion: 43 Resp: 29356
Ion Ratio Lower Upper
43 100
58 47.1 39.1 58.7
98 0.7 0.2 0.2#





#52

Tetrachloroethene

Concen: 0.195 ppbv

RT: 11.38 min Scan# 2625

Delta R.T. -0.00 min

Lab File: VL033195.D

Acq: 13 Feb 2019 20:26

Instrument :

MSVOA_L

ClientSampleId :

AB-SS

Tgt Ion:164 Resp: 13946

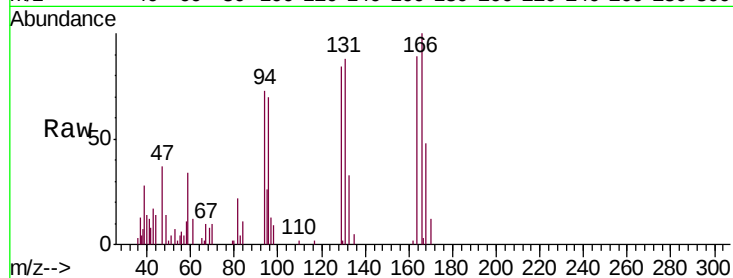
Ion Ratio Lower Upper

164 100

166 102.1 100.9 151.3

129 87.5 83.9 125.9

131 89.6 76.2 114.2

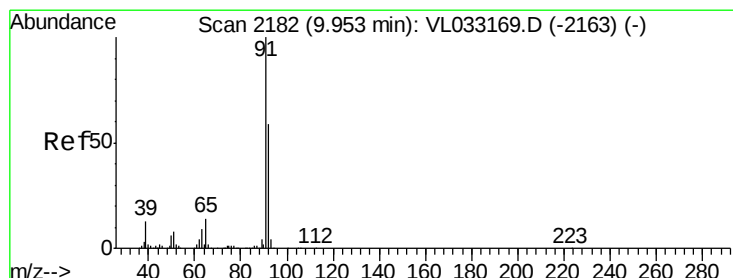
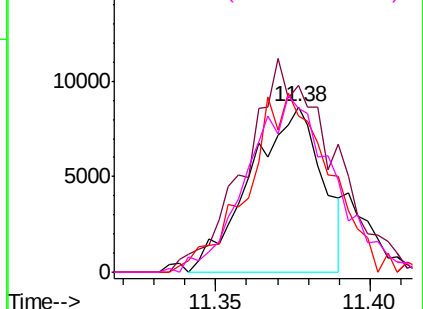
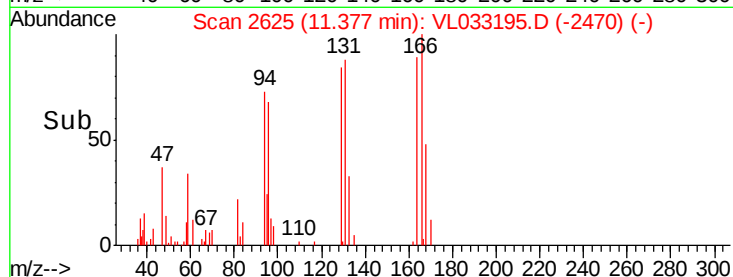


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#53

Toluene

Concen: 0.990 ppbv

RT: 9.95 min Scan# 2180

Delta R.T. -0.01 min

Lab File: VL033195.D

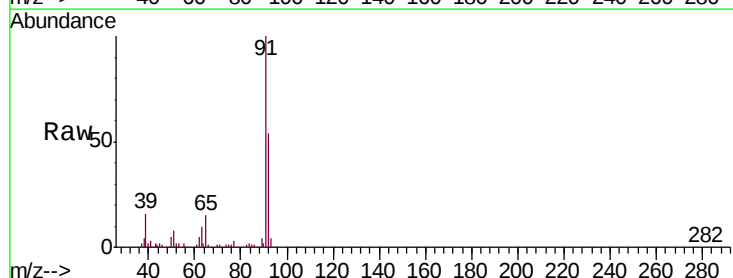
Acq: 13 Feb 2019 20:26

Tgt Ion: 91 Resp: 218322

Ion Ratio Lower Upper

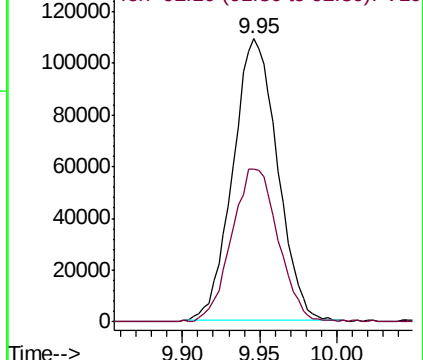
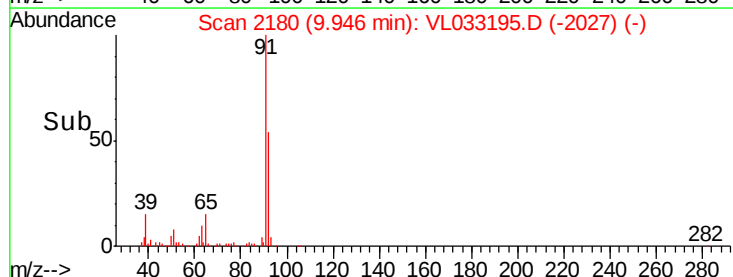
91 100

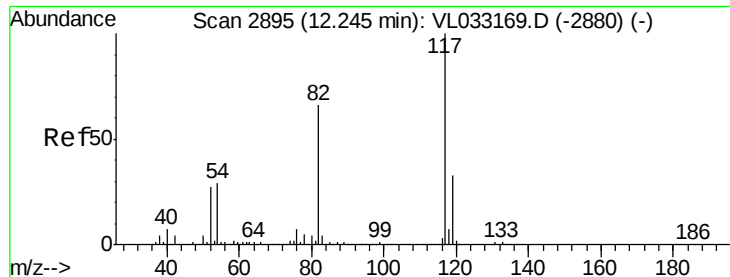
92 56.9 48.0 72.0



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

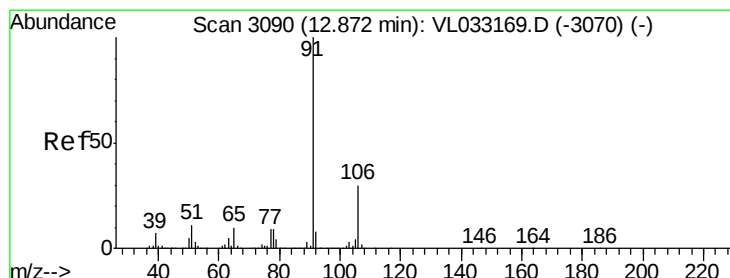
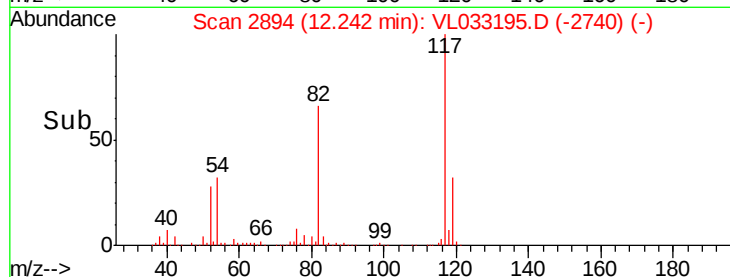
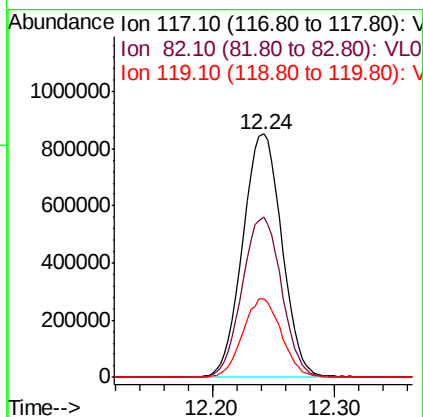
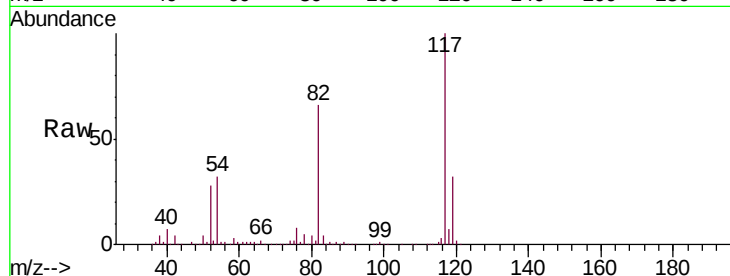




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2894
Delta R.T. -0.00 min
Lab File: VL033195.D
Acq: 13 Feb 2019 20:26

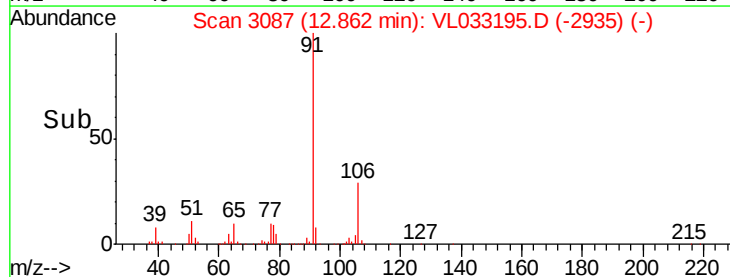
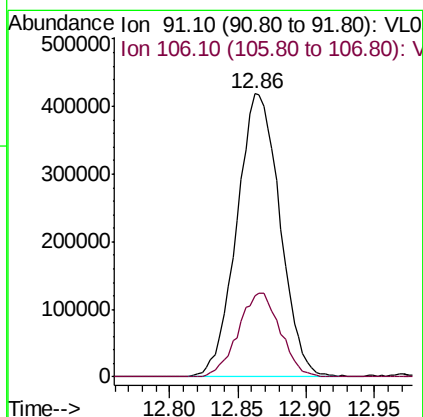
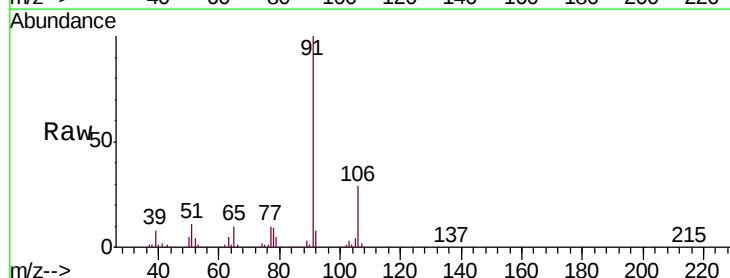
Instrument :
MSVOA_L
ClientSampleId :
AB-SS

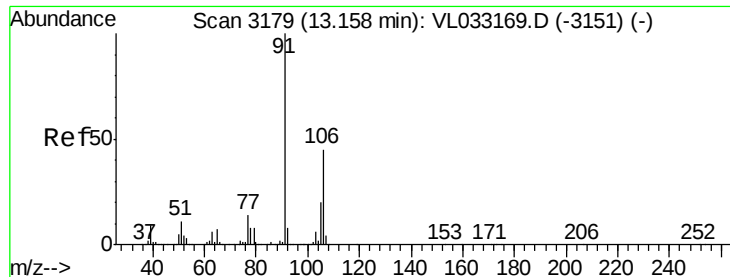
Tgt Ion: 117 Resp: 1890820
Ion Ratio Lower Upper
117 100
82 66.7 49.5 74.3
119 32.1 24.4 36.6



#58
Ethyl Benzene
Concen: 2.991 ppbv
RT: 12.86 min Scan# 3087
Delta R.T. -0.01 min
Lab File: VL033195.D
Acq: 13 Feb 2019 20:26

Tgt Ion: 91 Resp: 915411
Ion Ratio Lower Upper
91 100
106 28.6 23.8 35.8

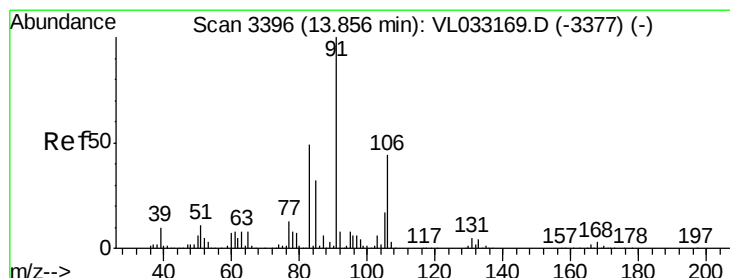
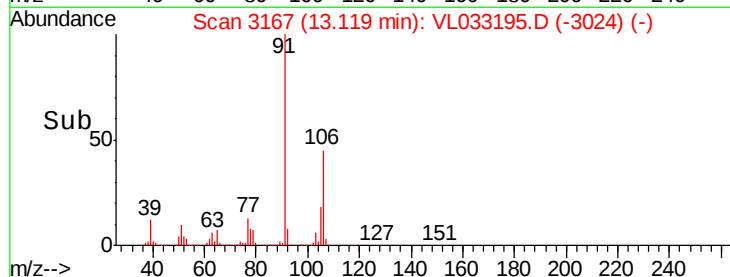
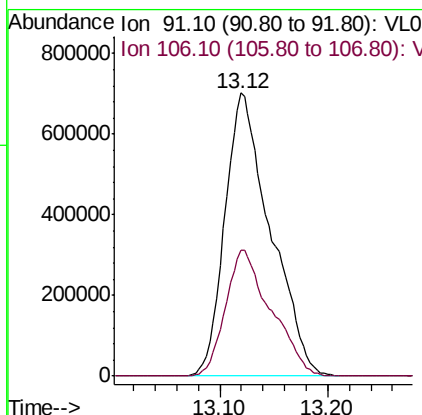
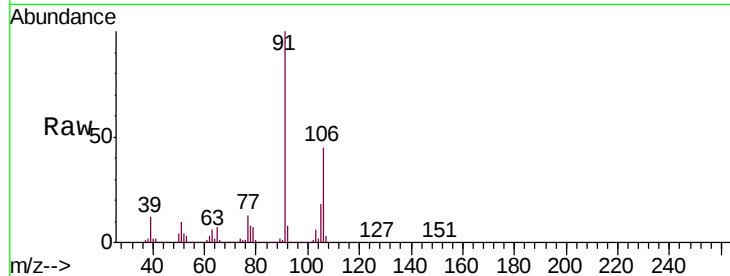




#59
m/p-Xylene
Concen: 8.031 ppbv
RT: 13.12 min Scan# 3167
Delta R.T. -0.04 min
Lab File: VL033195.D
Acq: 13 Feb 2019 20:26

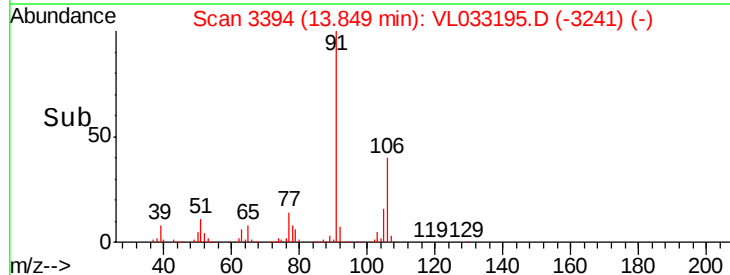
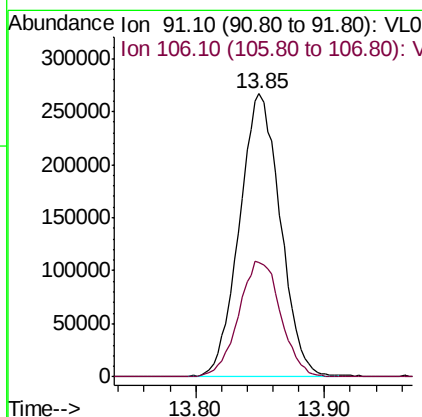
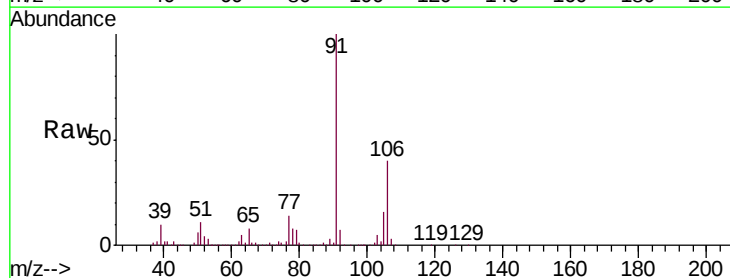
Instrument :
MSVOA_L
ClientSampled :
AB-SS

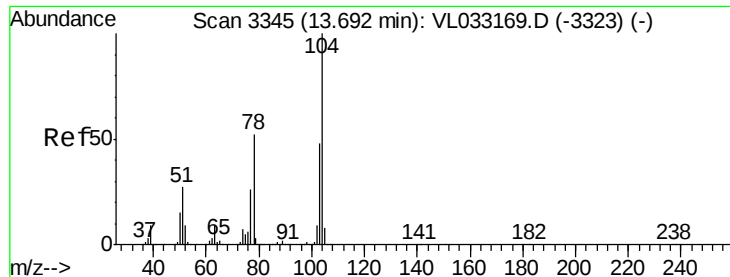
Tgt Ion: 91 Resp: 2050971
Ion Ratio Lower Upper
91 100
106 44.9 0.0 0.0#



#60
o-Xylene
Concen: 2.369 ppbv
RT: 13.85 min Scan# 3394
Delta R.T. -0.01 min
Lab File: VL033195.D
Acq: 13 Feb 2019 20:26

Tgt Ion: 91 Resp: 588388
Ion Ratio Lower Upper
91 100
106 42.1 21.8 65.3





#61

Styrene

Concen: 0.289 ppbv

RT: 13.69 min Scan# 3343

Delta R.T. -0.01 min

Lab File: VL033195.D

Acq: 13 Feb 2019 20:26

Instrument :

MSVOA_L

ClientSampleId :

AB-SS

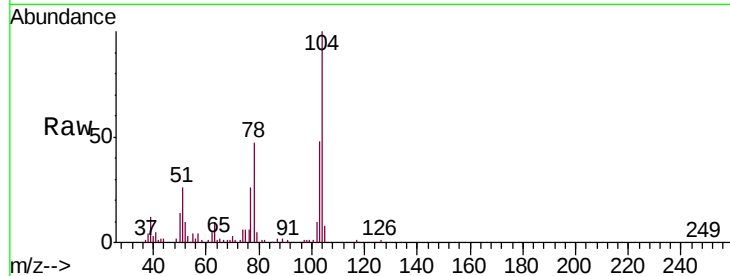
Tgt Ion:104 Resp: 54125

Ion Ratio Lower Upper

104 100

78 79.2 41.9 62.9#

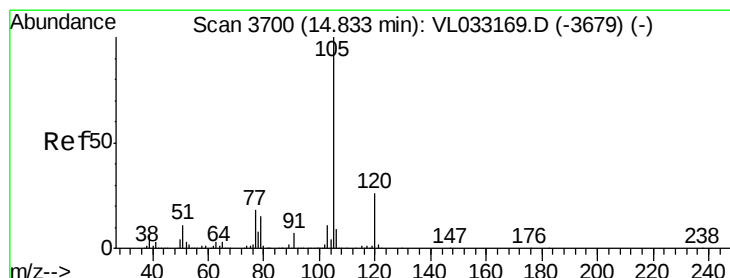
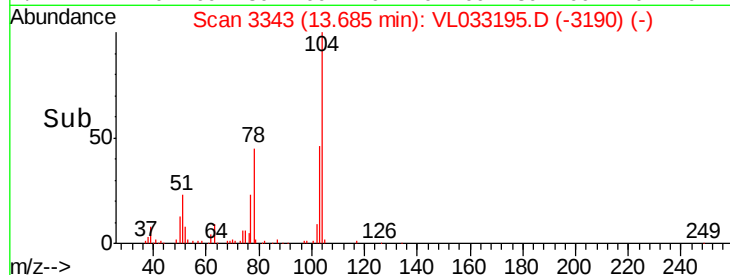
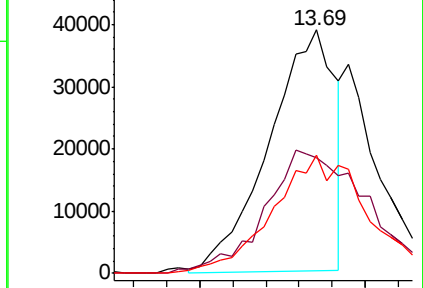
103 69.8 37.9 56.9#



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 0.033 ppbv

RT: 14.83 min Scan# 3700

Delta R.T. -0.00 min

Lab File: VL033195.D

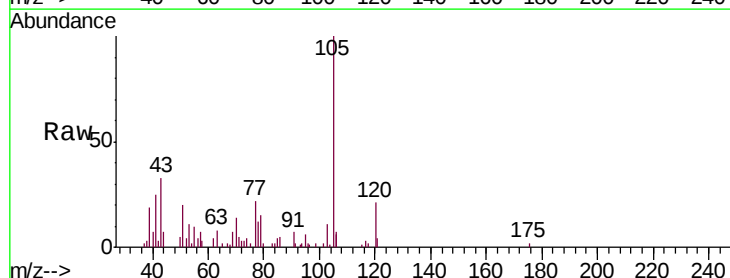
Acq: 13 Feb 2019 20:26

Tgt Ion:105 Resp: 11507

Ion Ratio Lower Upper

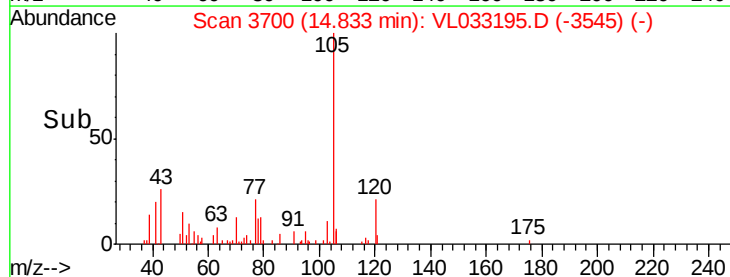
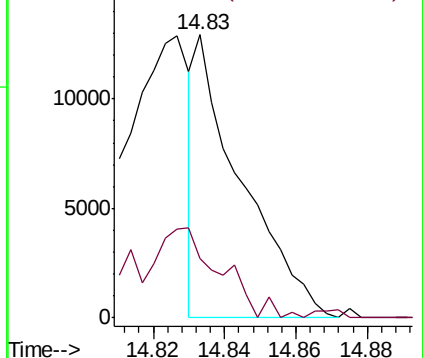
105 100

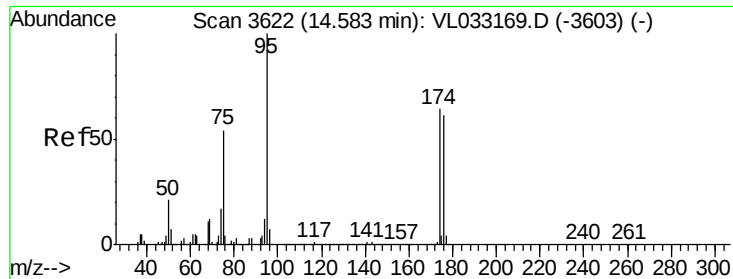
120 63.2 20.3 30.5#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

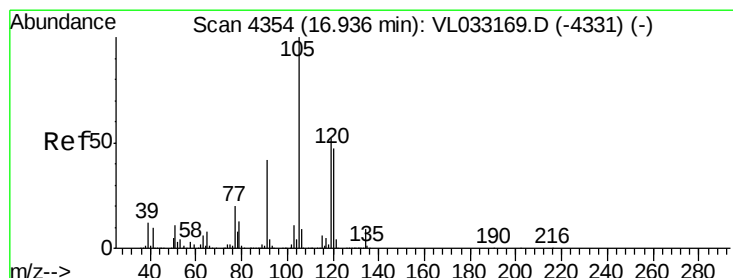
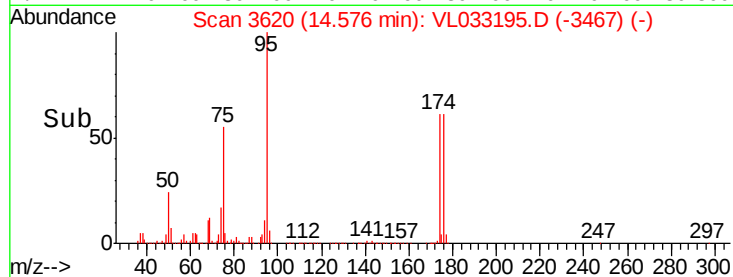
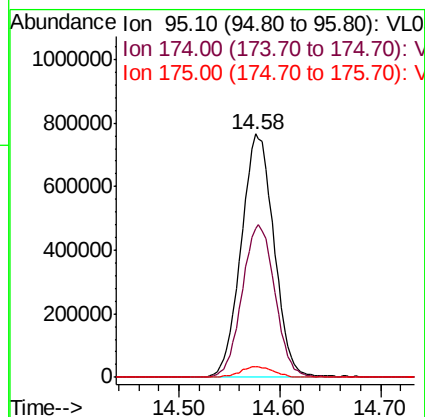
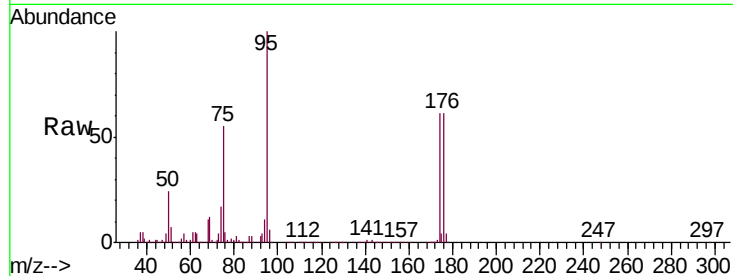




#68
 1-Bromo-4-Fluorobenzene
 Concen: 11.821 ppbv
 RT: 14.58 min Scan# 3620
 Delta R.T. -0.01 min
 Lab File: VL033195.D
 Acq: 13 Feb 2019 20:26

Instrument :
 MSVOA_L
 ClientSampleId :
 AB-SS

Tgt Ion: 95 Resp: 1721396
 Ion Ratio Lower Upper
 95 100
 174 62.7 51.2 76.8
 175 4.5 3.8 5.6



#74
 1,2,4-Trimethylbenzene
 Concen: 0.036 ppbv
 RT: 16.93 min Scan# 4351
 Delta R.T. -0.01 min
 Lab File: VL033195.D
 Acq: 13 Feb 2019 20:26

Tgt Ion: 105 Resp: 10097
 Ion Ratio Lower Upper
 105 100
 120 44.0 37.9 56.9
 91 12.6 34.0 51.0#
 77 14.9 15.7 23.5#

