

Data File : VL034662.D
Acq On : 20 Feb 2020 2:18
Operator : SY/AP
Sample : L1554-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SS-1

Quant Time: Feb 20 06:53:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jan 30 17:16:44 2020
QLast Update : Thu Jan 30 17:16:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	728306	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.18	114	1532932	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	1838886	10.00	ppbv	0.00

System Monitoring Compounds
68) 1-Bromo-4-Fluorobenzene 14.45 95 1672900 10.76 ppbv 0.00
Spiked Amount 10.000 Range 65 - 135 Recovery = 107.60%

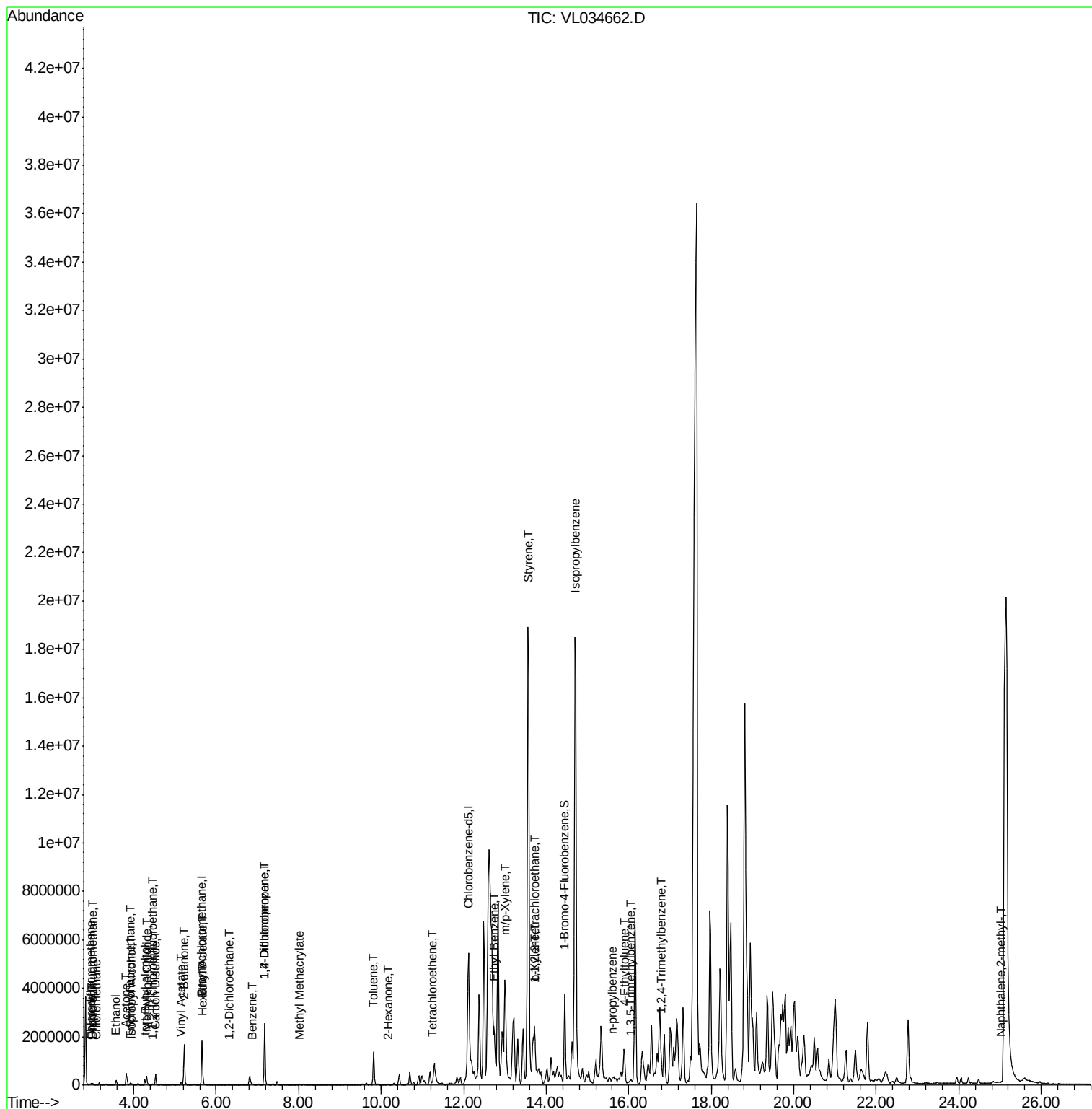
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.01	85	39627	0.247	ppbv #	80
3) Chlorodifluoromethane	2.95	51	37752	0.429	ppbv	95
4) Chloromethane	3.10	50	3527	0.066	ppbv #	64
9) Propene	2.97	41	1811	0.053	ppbv #	1
11) Trichlorofluoromethane	3.92	101	42364	0.291	ppbv #	81
12) 1,1,2-Trichlorotrifluoroet	4.46	101	4130	0.043	ppbv #	14
13) Ethanol	3.57	45	204340	22.264	ppbv	99
15) Acetone	3.82	43	509055	4.756	ppbv	95
17) tert-Butyl alcohol	4.27	59	147199	1.870	ppbv #	93
19) Isopropyl Alcohol	3.94	45	44449	0.712	ppbv #	1
20) Methylene Chloride	4.32	84	117880	2.892	ppbv	93
23) Vinyl Acetate	5.15	43	27957	0.229	ppbv #	3
25) Ethyl Acetate	5.67	43	55367	0.320	ppbv #	73
26) Hexane	5.68	57	45152	0.622	ppbv #	53
27) Carbon Disulfide	4.53	76	487425	4.977	ppbv	98
34) 2-Butanone	5.22	43	1733981	15.579	ppbv	99
36) Benzene	6.87	78	5857	0.043	ppbv	97
37) 1,2-Dichloroethane	6.30	62	4692	0.041	ppbv #	86
39) 1,2-Dichloropropane	7.18	63	455542	8.061	ppbv #	19
43) Methyl Methacrylate	8.01	69	2403	0.044	ppbv #	1
51) 2-Hexanone	10.15	43	10343	0.083	ppbv #	72
52) Tetrachloroethene	11.24	164	12095	0.221	ppbv	89
53) Toluene	9.82	91	979979	6.544	ppbv	97
58) Ethyl Benzene	12.73	91	1425739	5.794	ppbv	99
59) m/p-Xylene	13.00	91	1823591	8.384	ppbv	99
60) o-Xylene	13.73	91	641140	2.935	ppbv	96
61) Styrene	13.56	104	10500827	72.092	ppbv #	88
62) Isopropylbenzene	14.71	105	13928839	49.204	ppbv #	72
63) 1,1,2,2-Tetrachloroethane	13.70	83	12198	0.072	ppbv #	25
64) n-propylbenzene	15.58	120	7785	0.107	ppbv #	1
72) 4-Ethyltoluene	15.87	105	113510	0.473	ppbv #	96
73) 1,3,5-Trimethylbenzene	16.03	105	53610	0.229	ppbv	96
74) 1,2,4-Trimethylbenzene	16.80	105	246302	0.949	ppbv #	70
80) Naphthalene,2-methyl-	25.02	142	2780	0.035	ppbv #	76

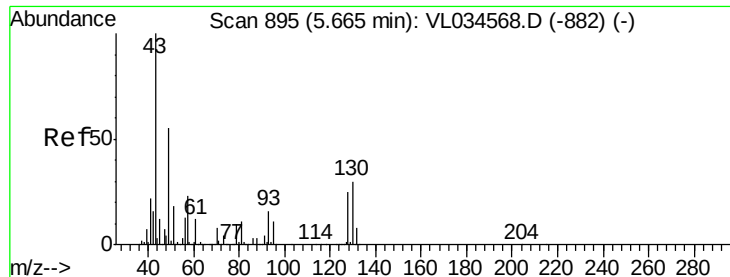
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 30 17:16:44 2020
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.01 min

Lab File: VL034662.D

Acq: 20 Feb 2020 2:18

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ClientSampleId :

SS-1

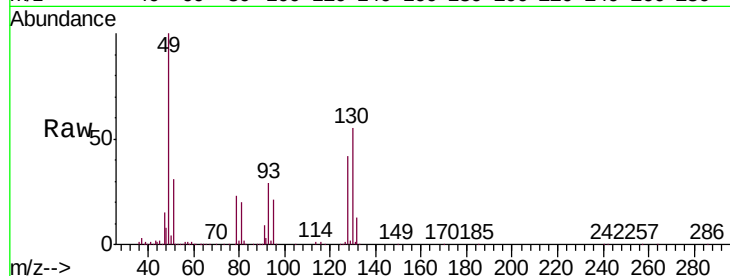
Tgt Ion: 49 Resp: 728306

Ion Ratio Lower Upper

49 100

128 46.5 22.7 68.1

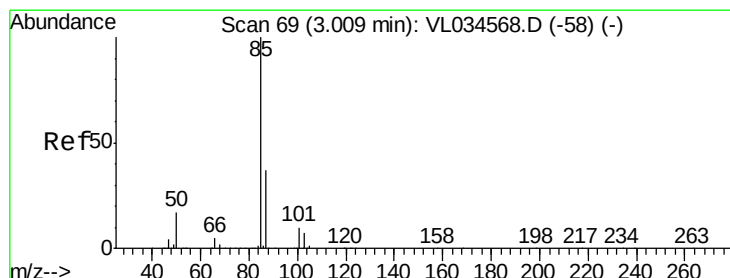
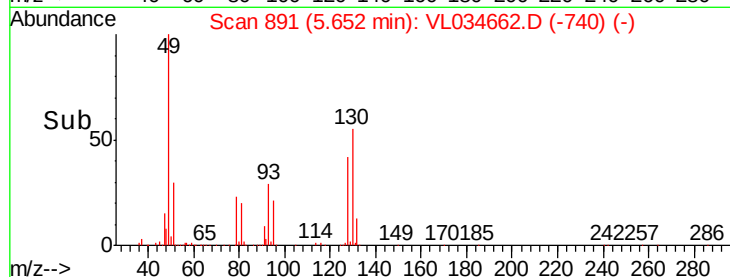
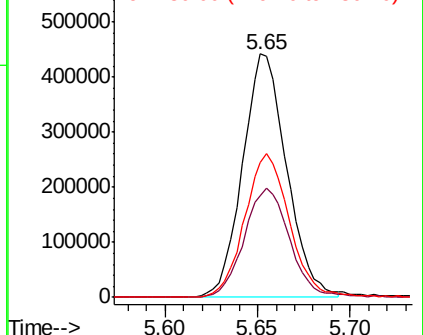
130 60.6 28.6 85.8



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.247 ppbv

RT: 3.01 min Scan# 68

Delta R.T. -0.00 min

Lab File: VL034662.D

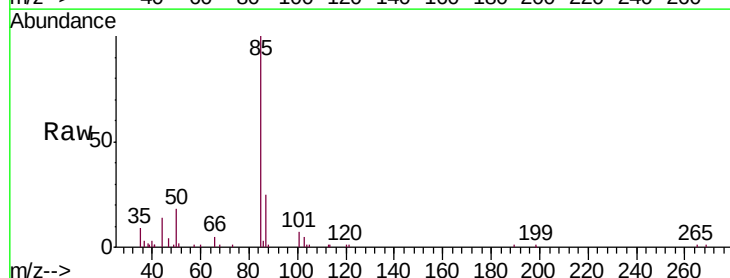
Acq: 20 Feb 2020 2:18

Tgt Ion: 85 Resp: 39627

Ion Ratio Lower Upper

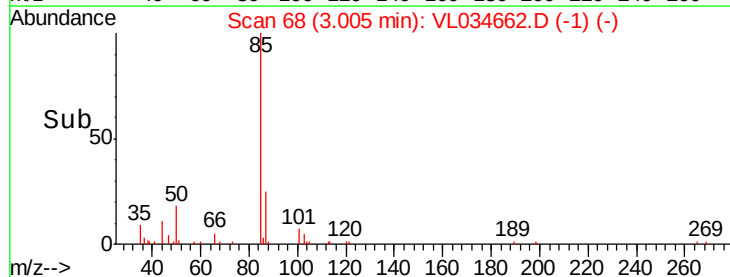
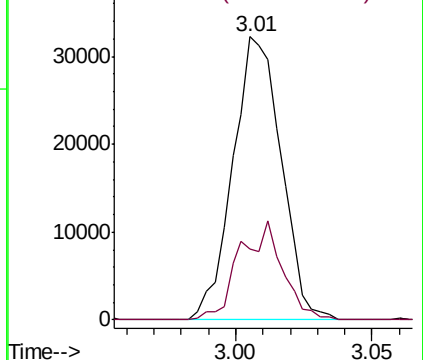
85 100

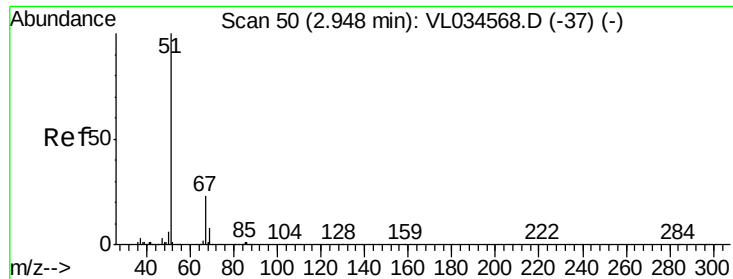
87 25.2 29.5 44.3#



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

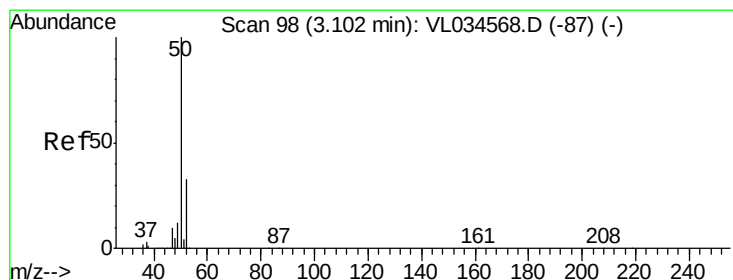
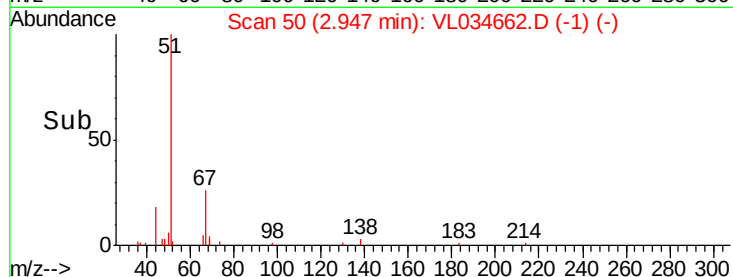
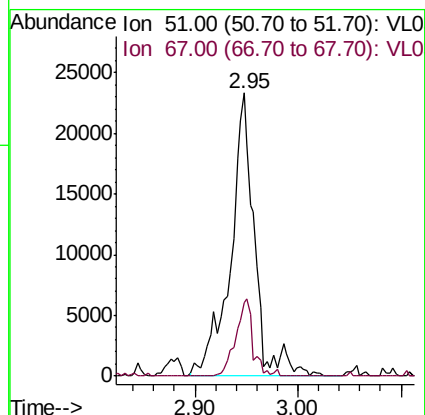
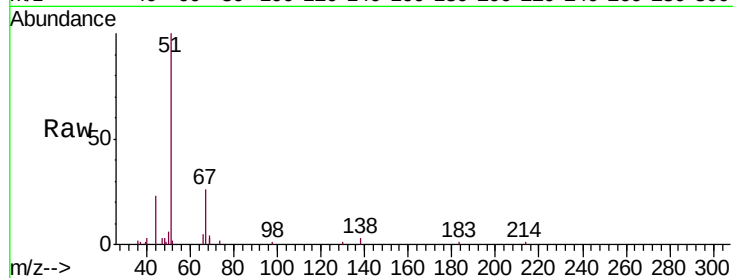




#3
Chlorodifluoromethane
Concen: 0.429 ppbv
RT: 2.95 min Scan# 50
Delta R.T. -0.00 min
Lab File: VL034662.D
Acq: 20 Feb 2020 2:18

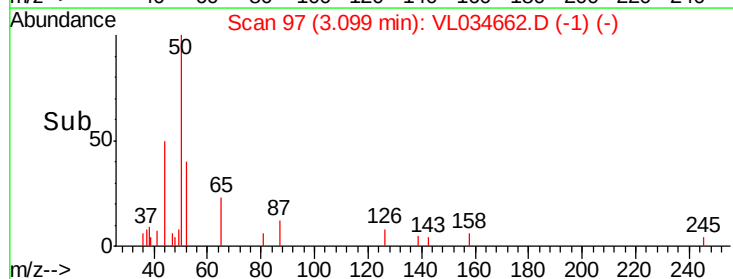
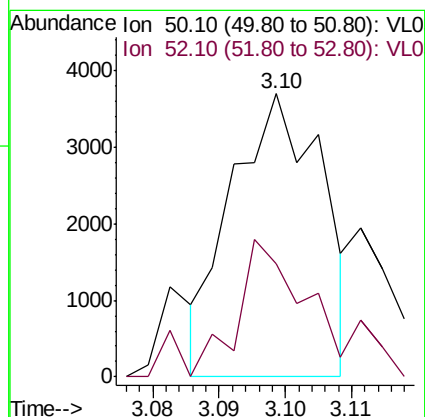
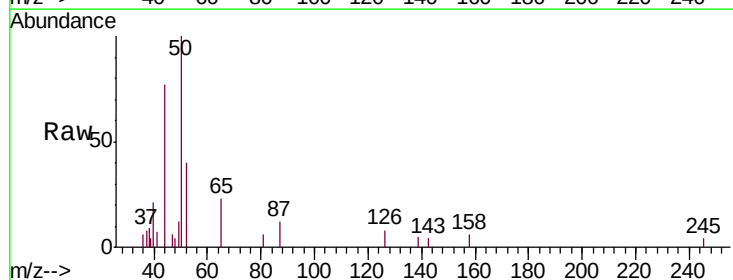
Instrument :
MSVOA_L
ClientSampleId :
SS-1

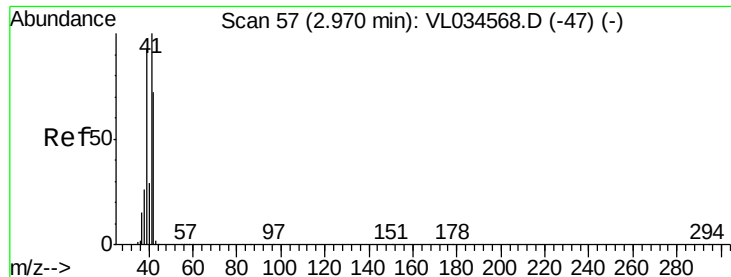
Tgt Ion: 51 Resp: 37752
Ion Ratio Lower Upper
51 100
67 19.9 17.8 26.8



#4
Chloromethane
Concen: 0.066 ppbv
RT: 3.10 min Scan# 97
Delta R.T. -0.00 min
Lab File: VL034662.D
Acq: 20 Feb 2020 2:18

Tgt Ion: 50 Resp: 3527
Ion Ratio Lower Upper
50 100
52 53.5 26.6 39.8#





#9

Propene

Concen: 0.053 ppbv

RT: 2.97 min Scan# 56

Delta R.T. -0.00 min

Lab File: VL034662.D

Acq: 20 Feb 2020 2:18

Instrument :

MSVOA_L

ClientSampleId :

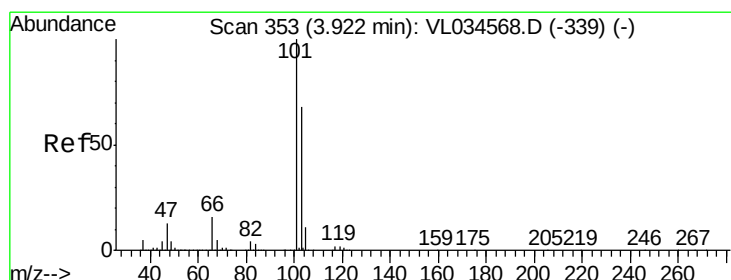
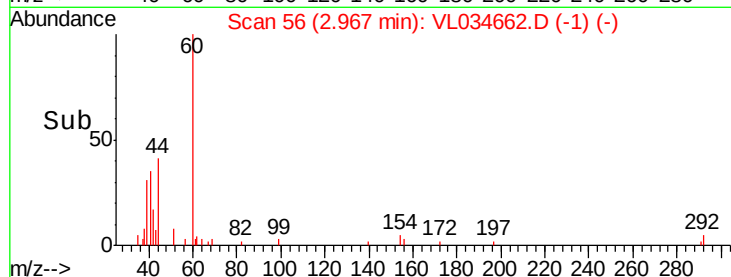
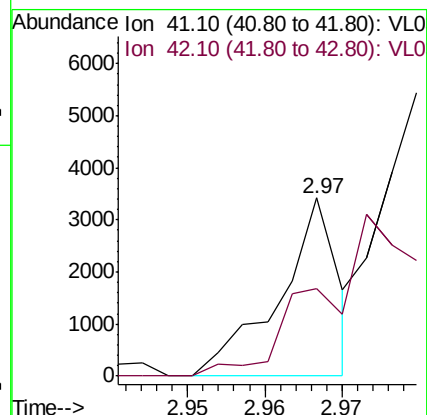
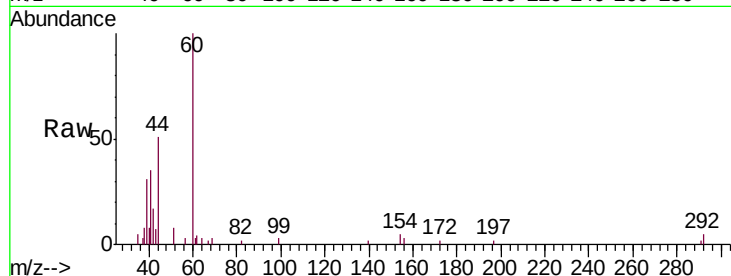
SS-1

Tgt Ion: 41 Resp: 1811

Ion Ratio Lower Upper

41 100

42 202.9 57.0 85.4#



#11

Trichlorofluoromethane

Concen: 0.291 ppbv

RT: 3.92 min Scan# 353

Delta R.T. -0.00 min

Lab File: VL034662.D

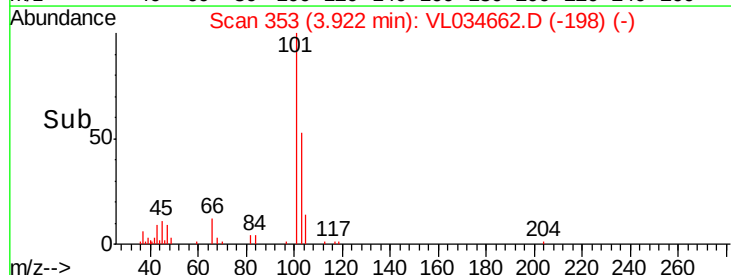
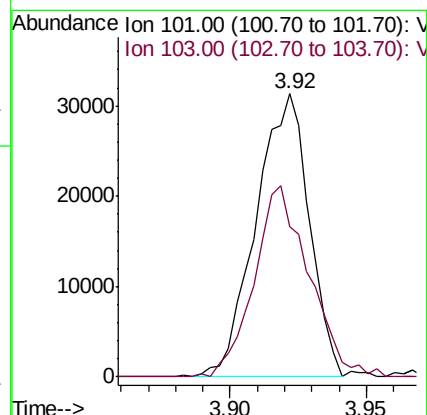
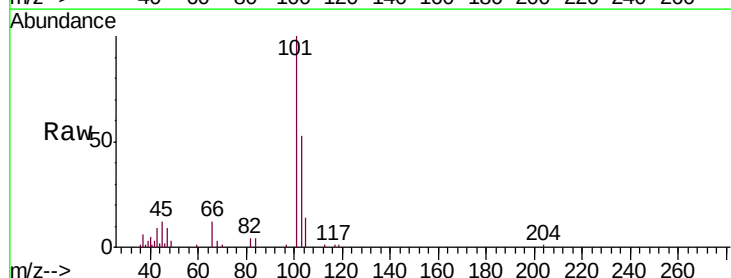
Acq: 20 Feb 2020 2:18

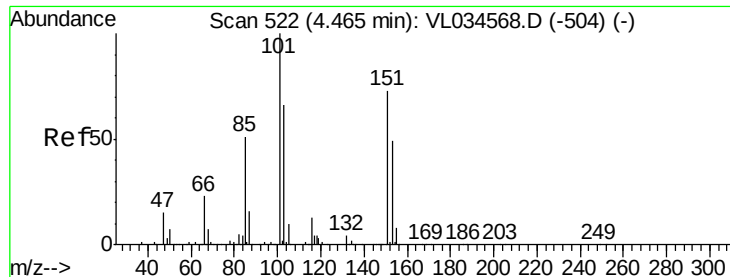
Tgt Ion: 101 Resp: 42364

Ion Ratio Lower Upper

101 100

103 52.9 54.4 81.6#

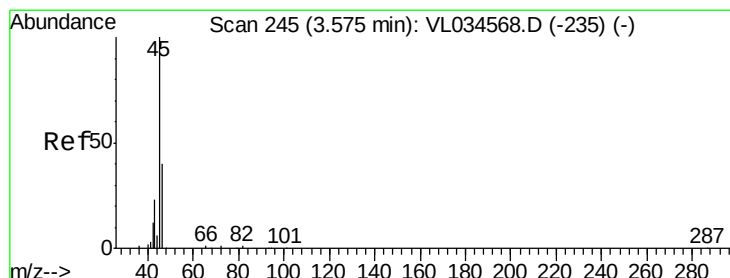
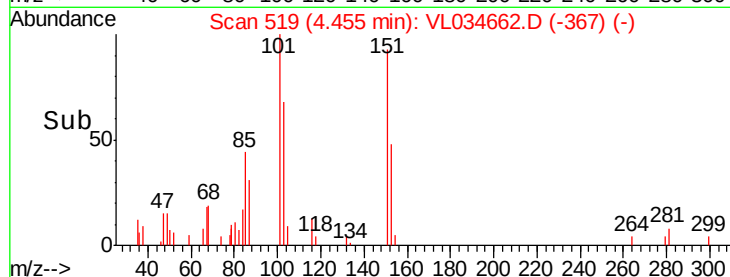
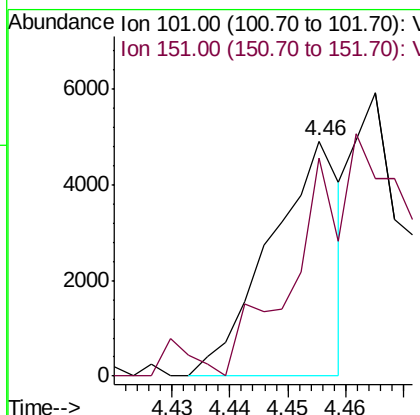
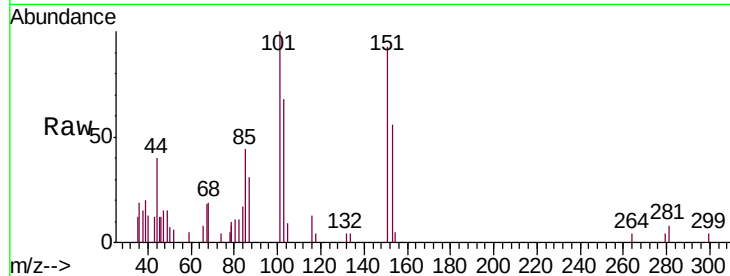




#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.043 ppbv
 RT: 4.46 min Scan# 519
 Delta R.T. -0.01 min
 Lab File: VL034662.D
 Acq: 20 Feb 2020 2:18

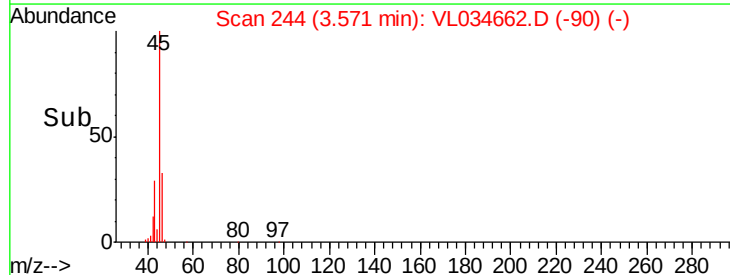
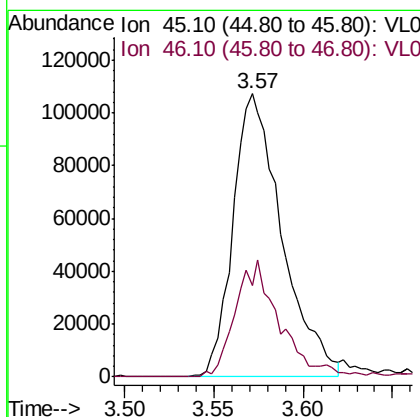
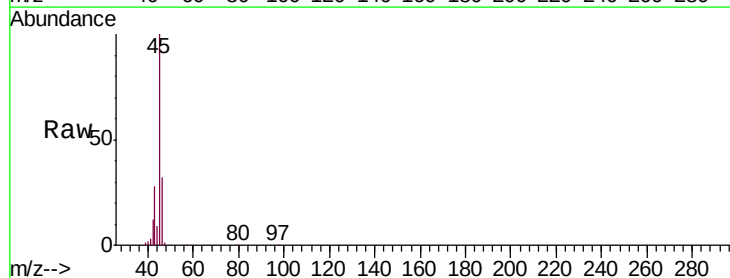
Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1

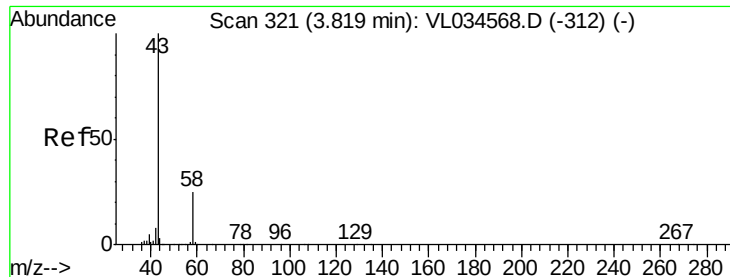
Tgt Ion:101 Resp: 4130
 Ion Ratio Lower Upper
 101 100
 151 0.0 57.0 85.6#



#13
 Ethanol
 Concen: 22.264 ppbv
 RT: 3.57 min Scan# 244
 Delta R.T. -0.00 min
 Lab File: VL034662.D
 Acq: 20 Feb 2020 2:18

Tgt Ion: 45 Resp: 204340
 Ion Ratio Lower Upper
 45 100
 46 37.5 14.8 59.2





#15

Acetone

Concen: 4.756 ppbv

RT: 3.82 min Scan# 320

Delta R.T. -0.00 min

Lab File: VL034662.D

Acq: 20 Feb 2020 2:18

Instrument :

MSVOA_L

ClientSampleId :

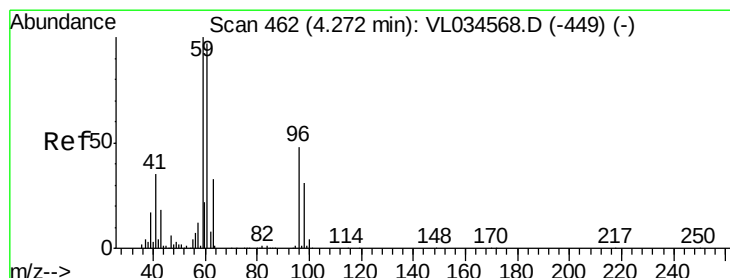
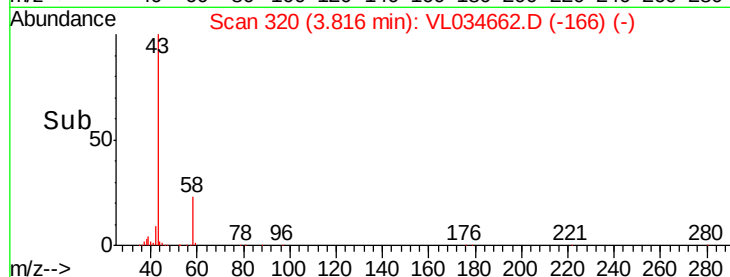
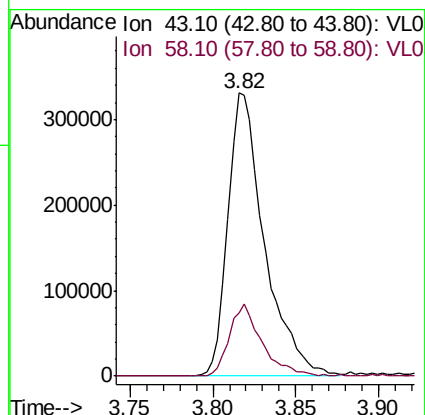
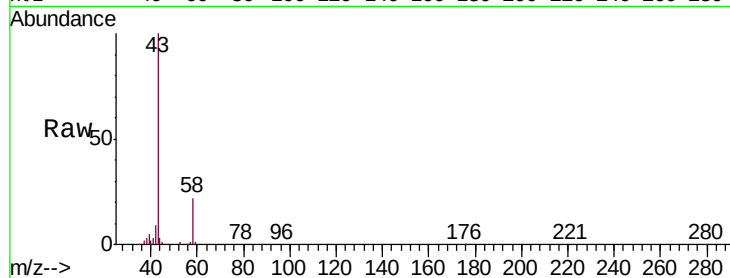
SS-1

Tgt Ion: 43 Resp: 509055

Ion Ratio Lower Upper

43 100

58 23.0 20.3 30.5



#17

tert-Butyl alcohol

Concen: 1.870 ppbv

RT: 4.27 min Scan# 462

Delta R.T. -0.00 min

Lab File: VL034662.D

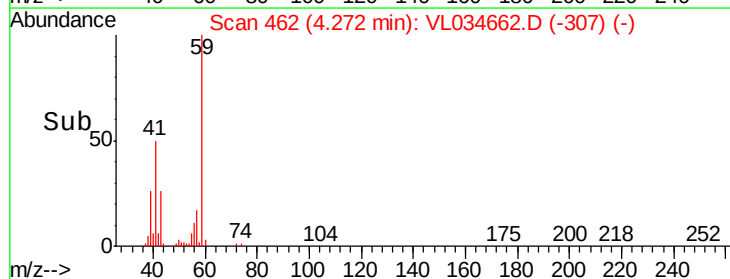
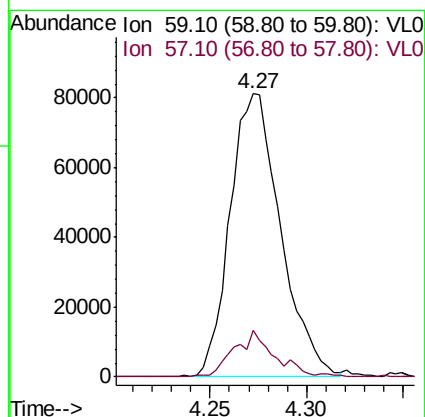
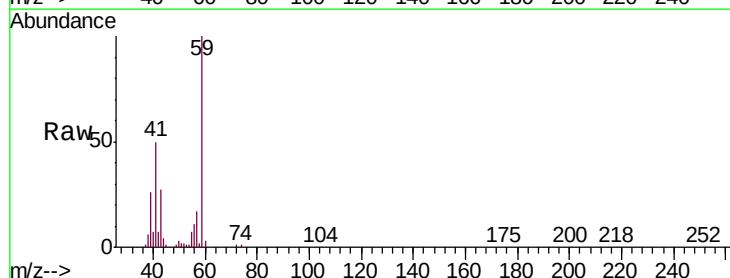
Acq: 20 Feb 2020 2:18

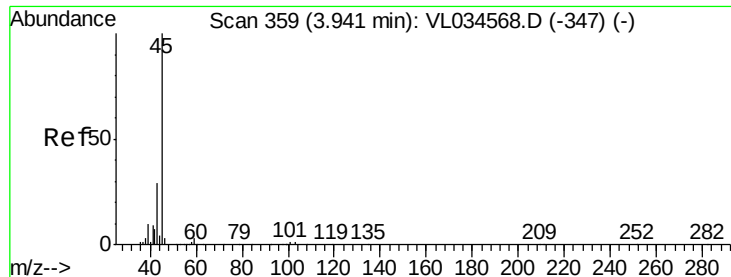
Tgt Ion: 59 Resp: 147199

Ion Ratio Lower Upper

59 100

57 13.5 8.7 13.1#





#19

Isopropyl Alcohol

Concen: 0.712 ppbv

RT: 3.94 min Scan# 359

Delta R.T. -0.00 min

Lab File: VL034662.D

Acq: 20 Feb 2020 2:18

Instrument :

MSVOA_L

ClientSampleId :

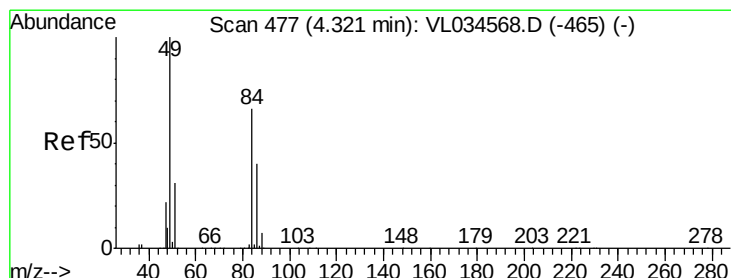
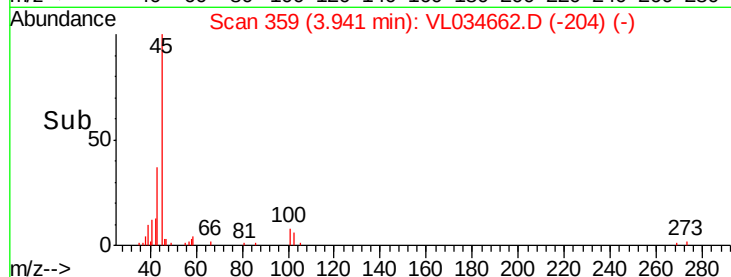
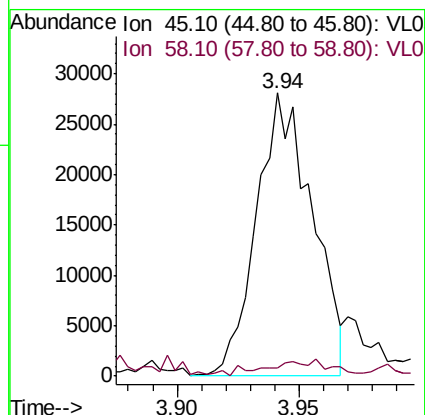
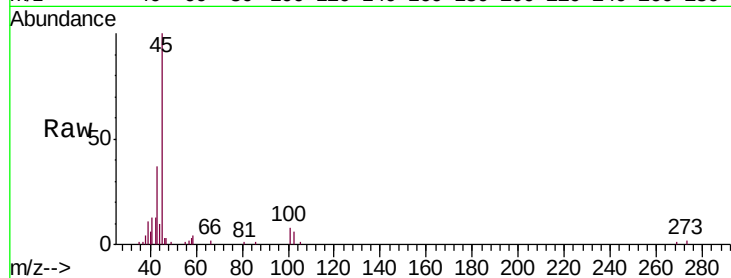
SS-1

Tgt Ion: 45 Resp: 44449

Ion Ratio Lower Upper

45 100

58 263.5 1.7 2.5#



#20

Methylene Chloride

Concen: 2.892 ppbv

RT: 4.32 min Scan# 477

Delta R.T. -0.00 min

Lab File: VL034662.D

Acq: 20 Feb 2020 2:18

Tgt Ion: 84 Resp: 117880

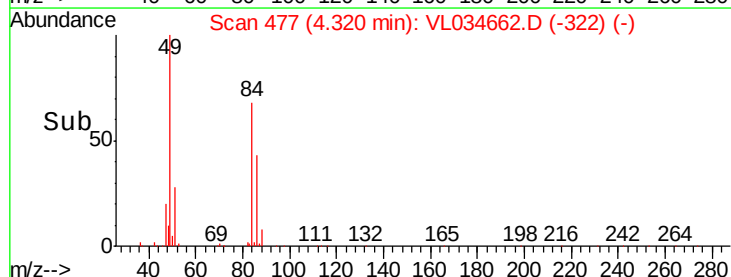
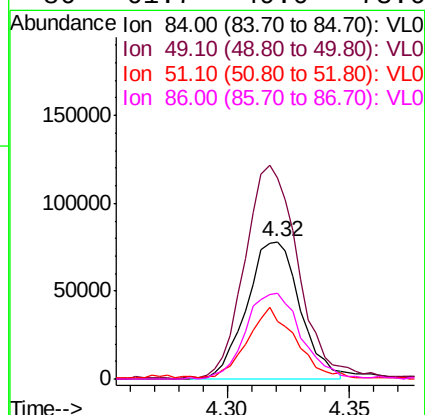
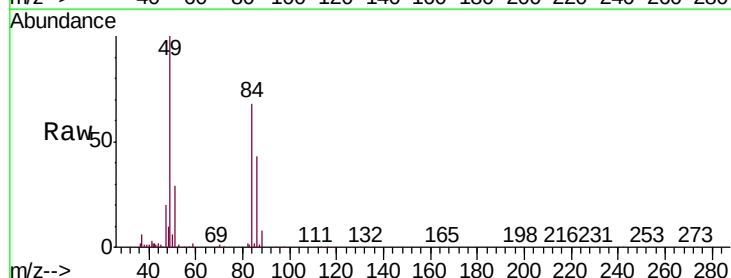
Ion Ratio Lower Upper

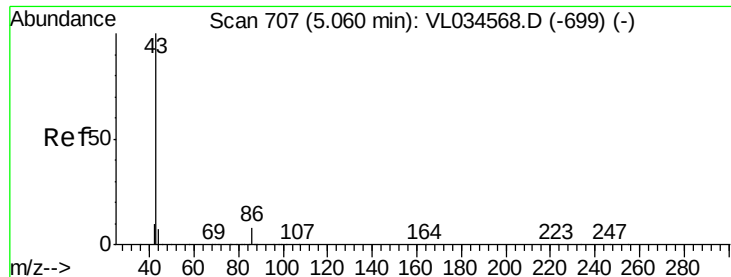
84 100

49 143.0 122.4 183.6

51 40.1 38.6 57.8

86 61.7 49.0 73.6





#23

Vinyl Acetate

Concen: 0.229 ppbv

RT: 5.15 min Scan# 736

Delta R.T. 0.09 min

Lab File: VL034662.D

Acq: 20 Feb 2020 2:18

Instrument :

MSVOA_L

ClientSampleId :

SS-1

Tgt Ion: 43 Resp: 27957

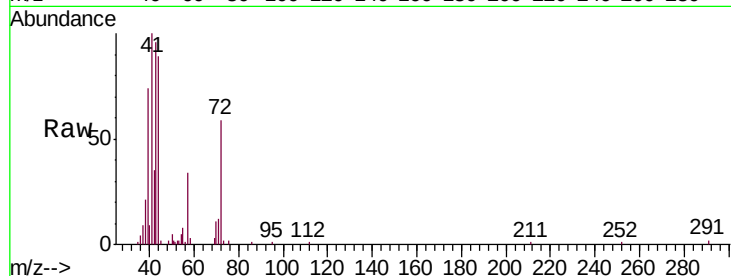
Ion Ratio Lower Upper

43 100

86 0.8 5.9 8.9#

42 36.3 8.8 13.2#

44 87.8 5.0 7.6#

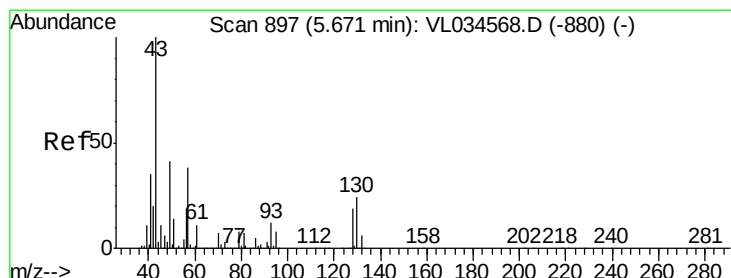
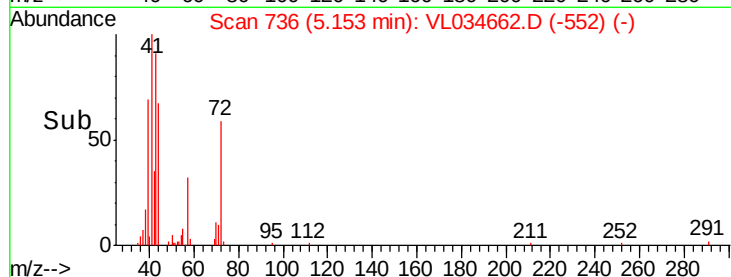
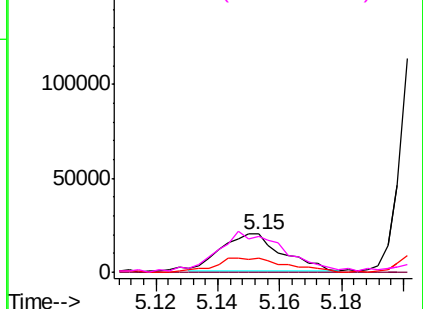


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 0.320 ppbv

RT: 5.67 min Scan# 896

Delta R.T. -0.00 min

Lab File: VL034662.D

Acq: 20 Feb 2020 2:18

Tgt Ion: 43 Resp: 55367

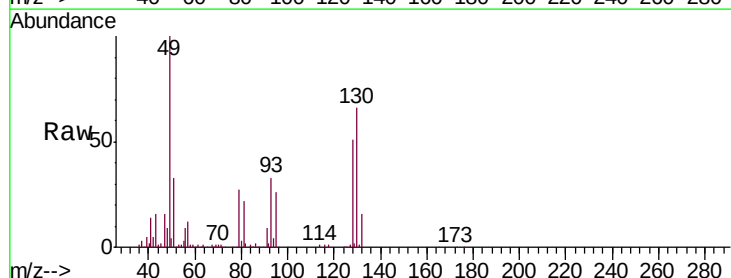
Ion Ratio Lower Upper

43 100

45 33.5 8.5 12.7#

61 7.0 7.8 11.6#

70 5.5 5.8 8.8#

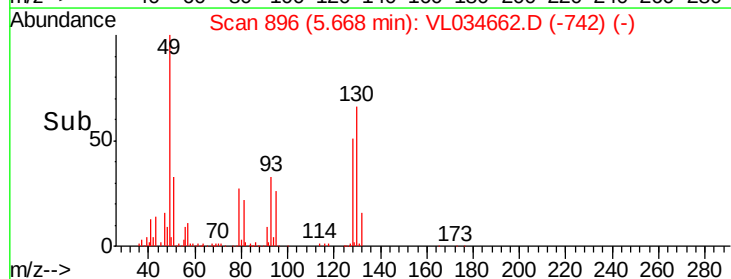
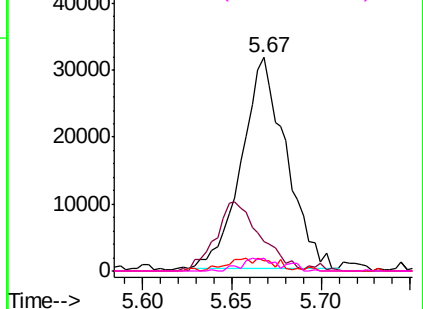


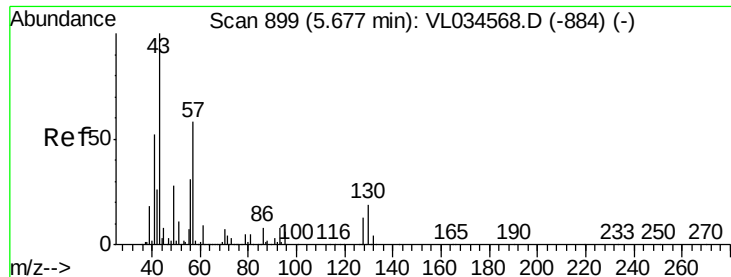
Abundance Ion 43.10 (42.80 to 43.80): VL0

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





#26

Hexane

Concen: 0.622 ppbv

RT: 5.68 min Scan# 899

Delta R.T. -0.00 min

Lab File: VL034662.D

Acq: 20 Feb 2020 2:18

Instrument :

MSVOA_L

ClientSampled :

SS-1

Tgt Ion: 57 Resp: 45152

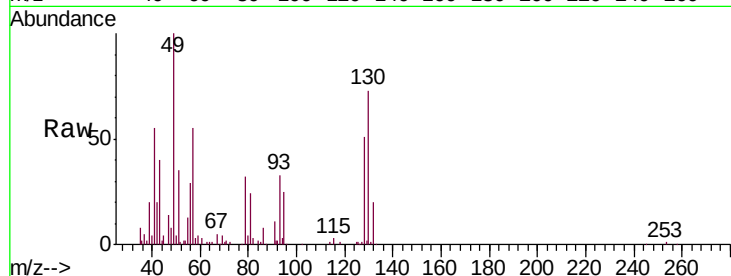
Ion Ratio Lower Upper

57 100

41 115.7 76.2 114.2#

43 126.2 189.9 284.9#

56 60.9 43.6 65.4

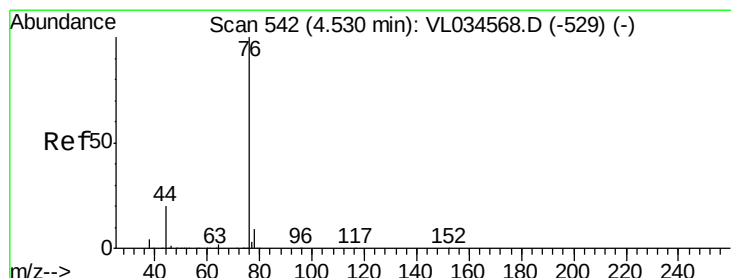
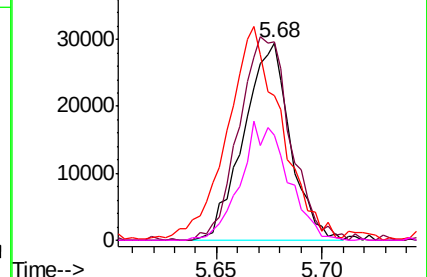
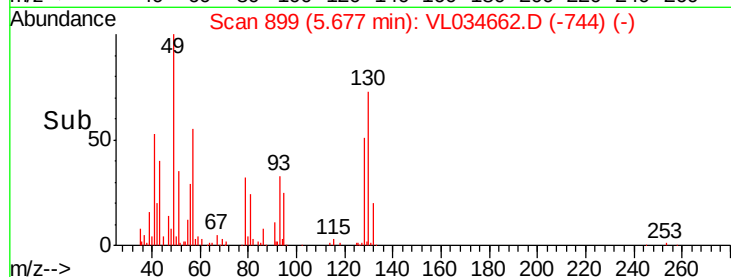


Abundance Ion 57.10 (56.80 to 57.80): VL0

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: 4.977 ppbv

RT: 4.53 min Scan# 542

Delta R.T. -0.00 min

Lab File: VL034662.D

Acq: 20 Feb 2020 2:18

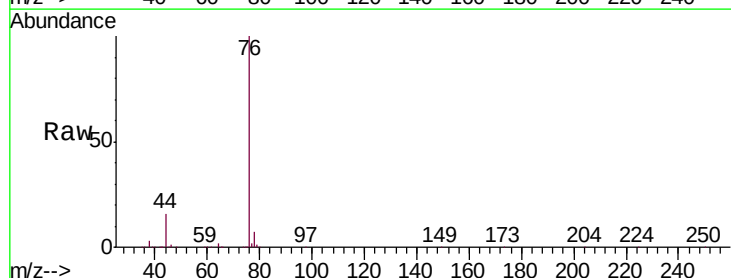
Tgt Ion: 76 Resp: 487425

Ion Ratio Lower Upper

76 100

44 21.5 16.3 24.5

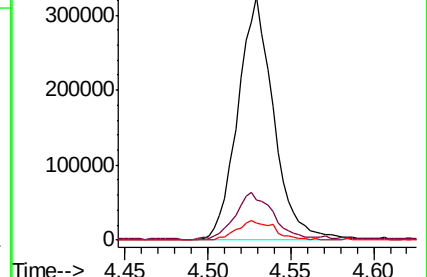
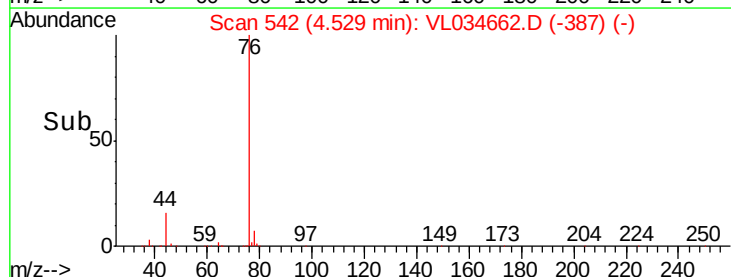
78 8.8 7.4 11.2

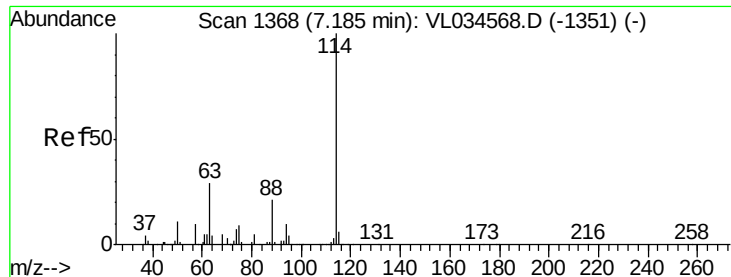


Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0

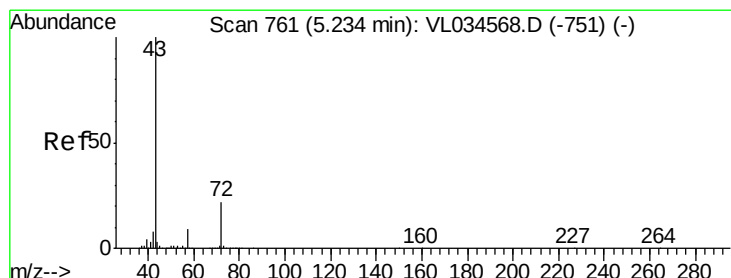
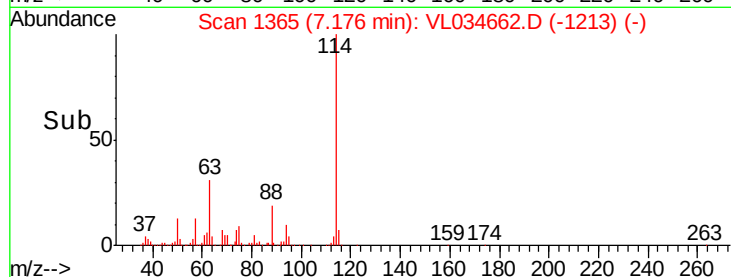
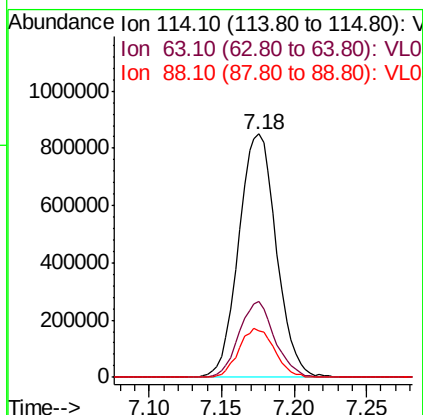
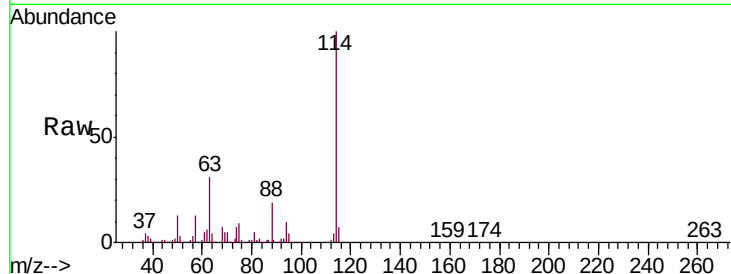




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: VL034662.D
 Acq: 20 Feb 2020 2:18

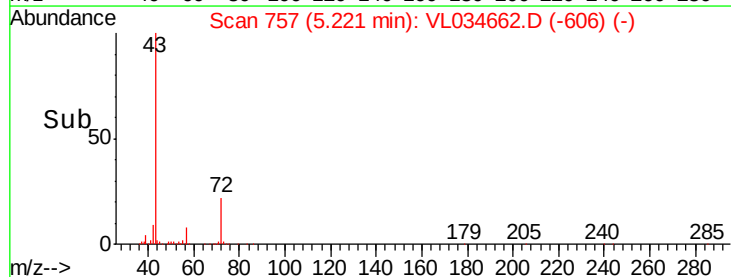
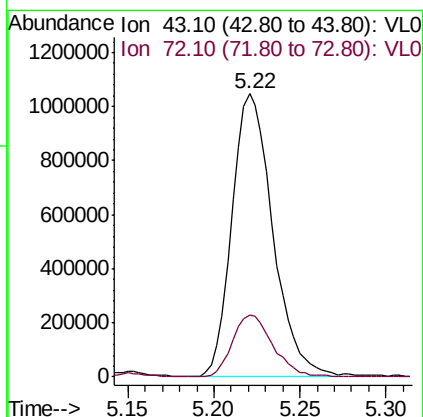
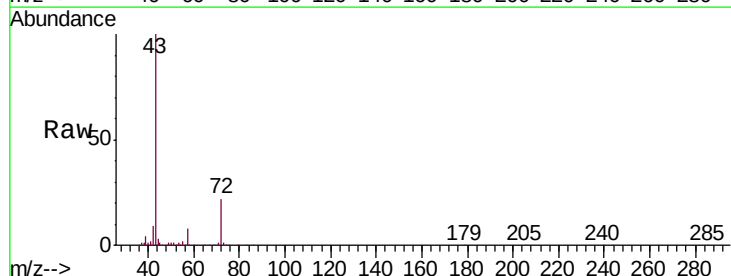
Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1

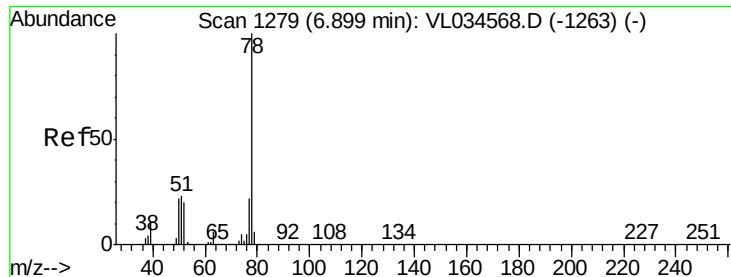
Tgt Ion:114 Resp: 1532932
 Ion Ratio Lower Upper
 114 100
 63 29.9 24.1 36.1
 88 19.2 15.9 23.9



#34
 2-Butanone
 Concen: 15.579 ppbv
 RT: 5.22 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: VL034662.D
 Acq: 20 Feb 2020 2:18

Tgt Ion: 43 Resp: 1733981
 Ion Ratio Lower Upper
 43 100
 72 22.0 17.2 25.8





#36

Benzene

Concen: 0.043 ppbv

RT: 6.87 min Scan# 1271

Delta R.T. -0.03 min

Lab File: VL034662.D

Acq: 20 Feb 2020 2:18

Instrument :

MSVOA_L

ClientSampleId :

SS-1

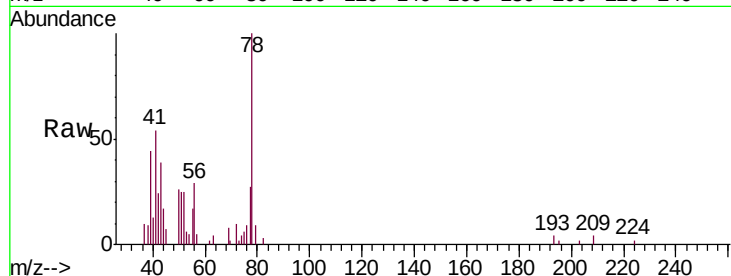
Tgt Ion: 78 Resp: 5857

Ion Ratio Lower Upper

78 100

77 23.7 17.3 25.9

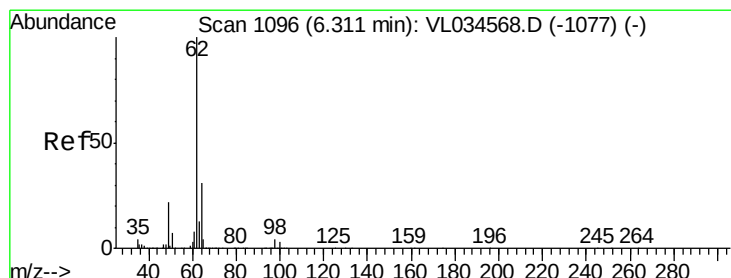
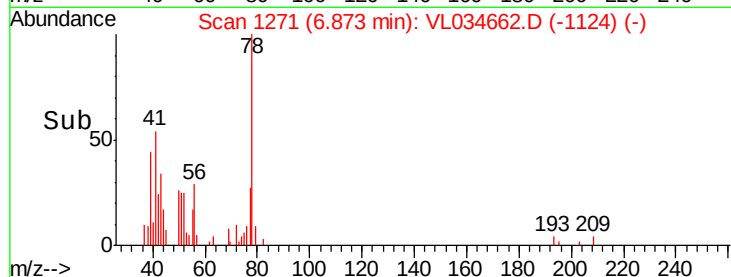
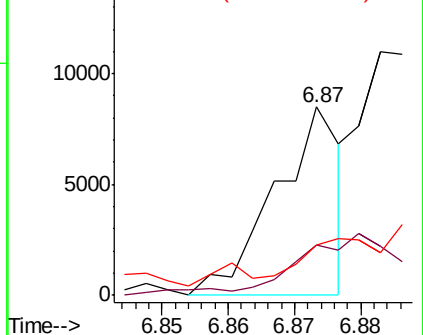
50 21.3 17.4 26.2



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



#37

1,2-Dichloroethane

Concen: 0.041 ppbv

RT: 6.30 min Scan# 1094

Delta R.T. -0.01 min

Lab File: VL034662.D

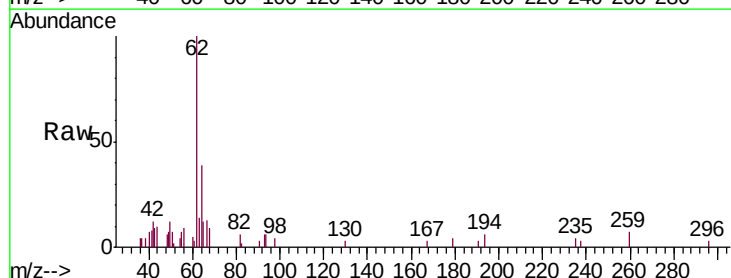
Acq: 20 Feb 2020 2:18

Tgt Ion: 62 Resp: 4692

Ion Ratio Lower Upper

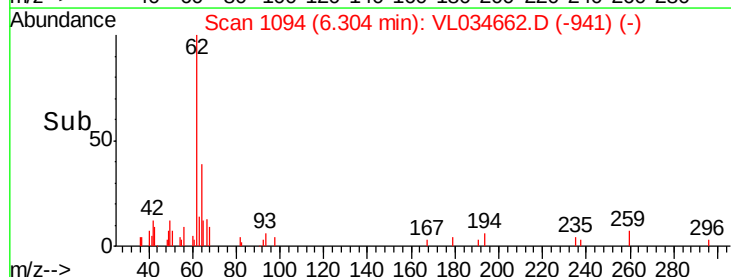
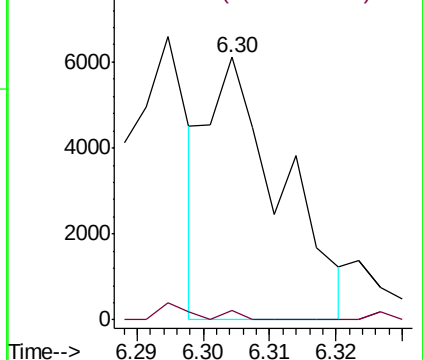
62 100

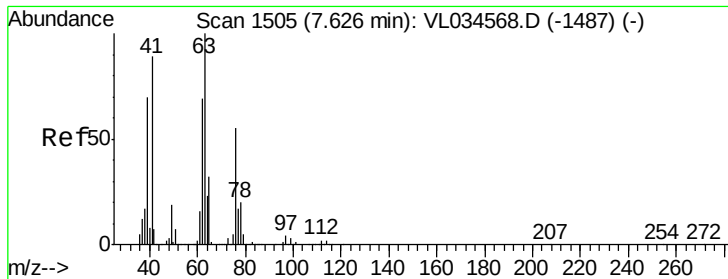
98 0.0 3.7 5.5#



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

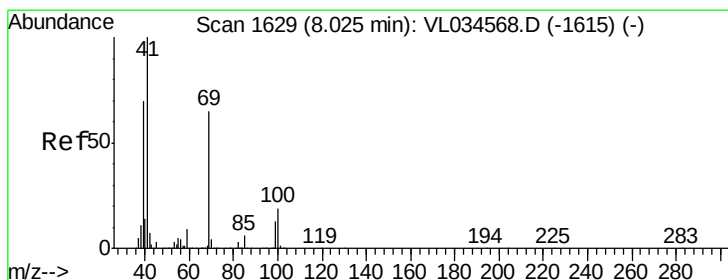
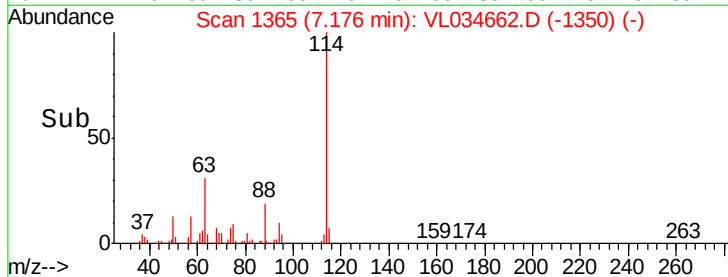
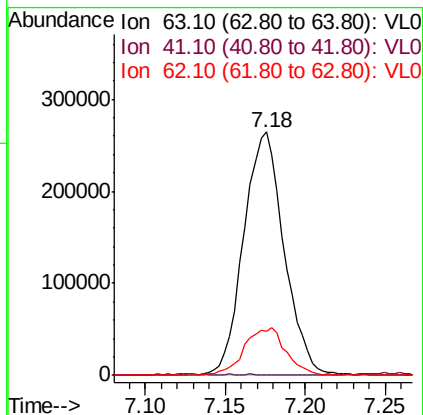
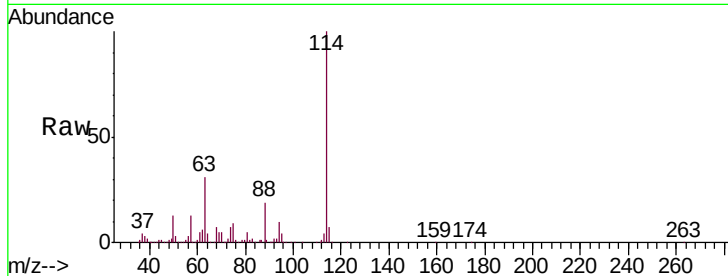




#39
 1,2-Dichloropropane
 Concen: 8.061 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.45 min
 Lab File: VL034662.D
 Acq: 20 Feb 2020 2:18

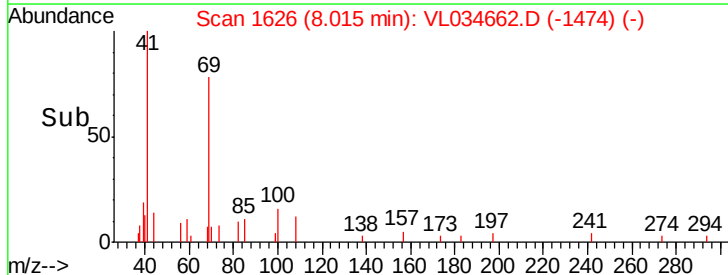
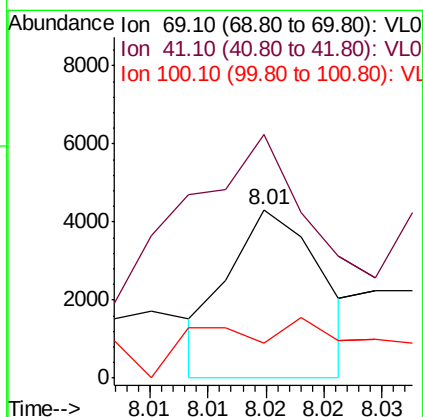
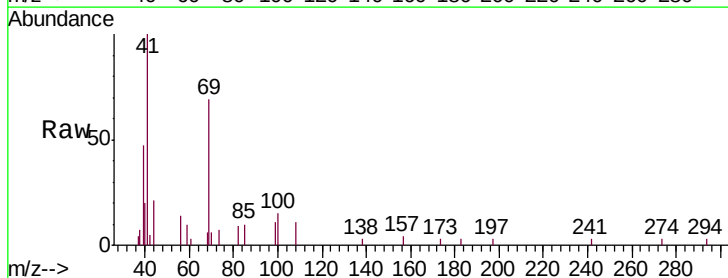
Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1

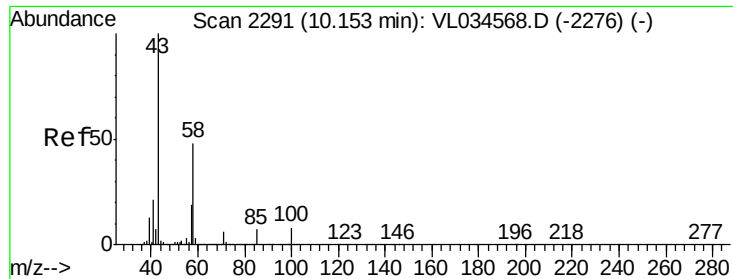
Tgt Ion: 63 Resp: 455542
 Ion Ratio Lower Upper
 63 100
 41 0.3 71.0 106.4#
 62 17.9 55.4 83.0#



#43
 Methyl Methacrylate
 Concen: 0.044 ppbv
 RT: 8.01 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: VL034662.D
 Acq: 20 Feb 2020 2:18

Tgt Ion: 69 Resp: 2403
 Ion Ratio Lower Upper
 69 100
 41 459.7 123.9 185.9#
 100 98.5 24.1 36.1#

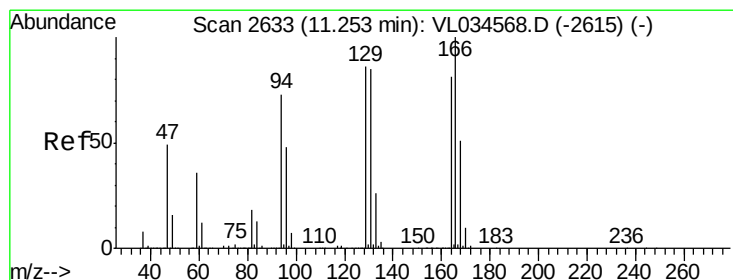
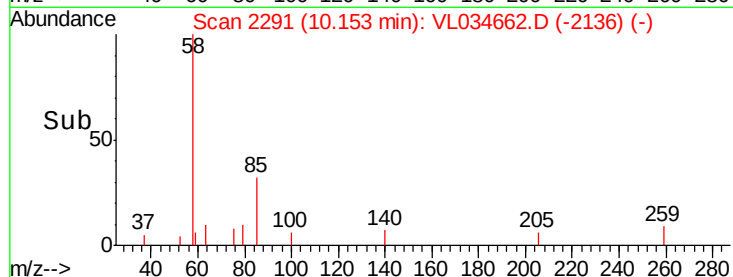
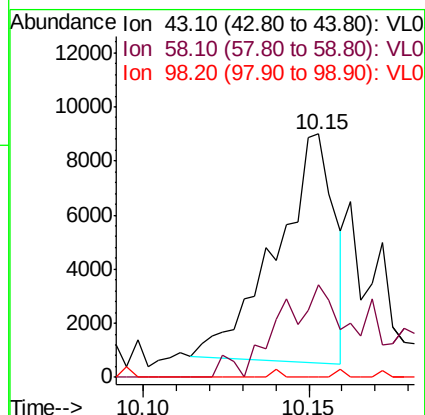
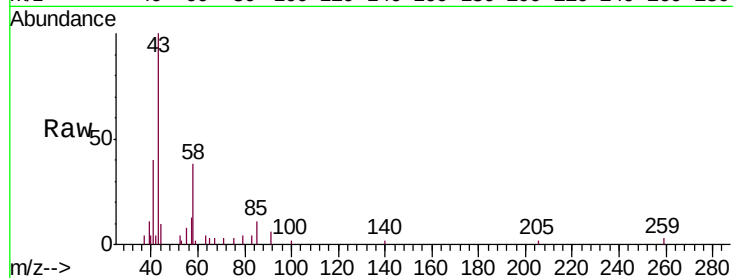




#51
2-Hexanone
Concen: 0.083 ppbv
RT: 10.15 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VL034662.D
Acq: 20 Feb 2020 2:18

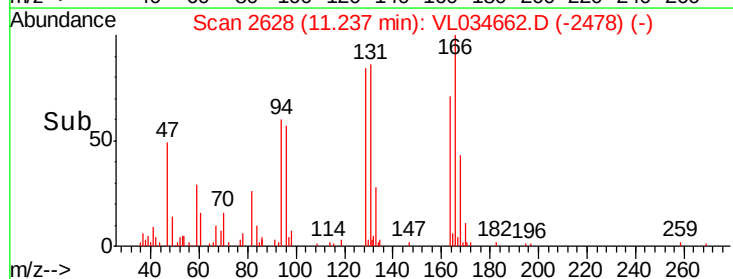
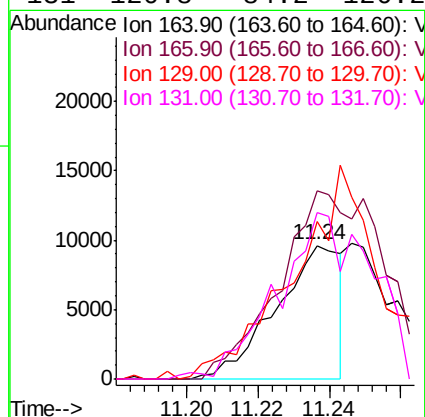
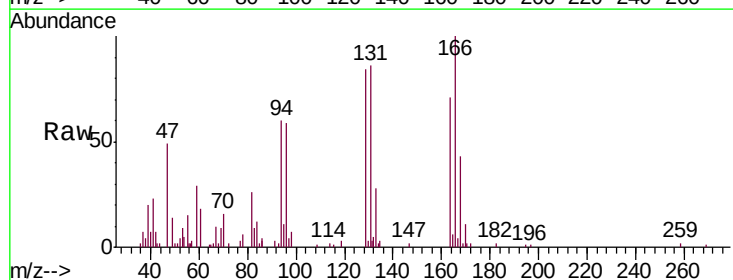
Instrument :
MSVOA_L
ClientSampled :
SS-1

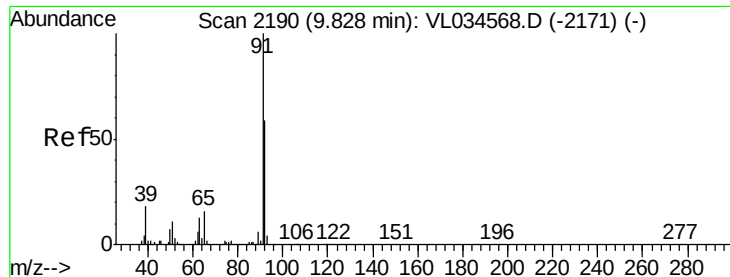
Tgt Ion: 43 Resp: 10343
Ion Ratio Lower Upper
43 100
58 66.0 37.9 56.9#
98 0.0 0.3 0.5#



#52
Tetrachloroethene
Concen: 0.221 ppbv
RT: 11.24 min Scan# 2628
Delta R.T. -0.02 min
Lab File: VL034662.D
Acq: 20 Feb 2020 2:18

Tgt Ion: 164 Resp: 12095
Ion Ratio Lower Upper
164 100
166 140.9 99.0 148.4
129 109.0 85.3 127.9
131 120.8 84.2 126.2





#53

Toluene

Concen: 6.544 ppbv

RT: 9.82 min Scan# 2186

Delta R.T. -0.01 min

Lab File: VL034662.D

Acq: 20 Feb 2020 2:18

Instrument :

MSVOA_L

ClientSampleId :

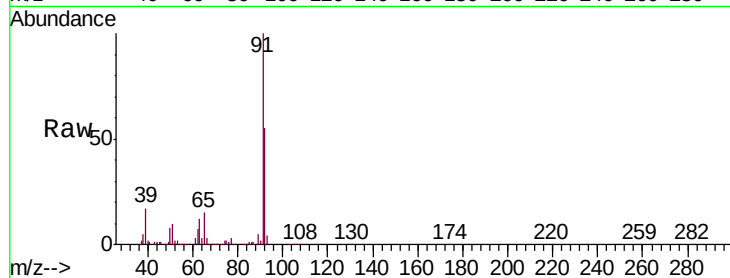
SS-1

Tgt Ion: 91 Resp: 979979

Ion Ratio Lower Upper

91 100

92 57.8 48.2 72.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

9.82

500000

400000

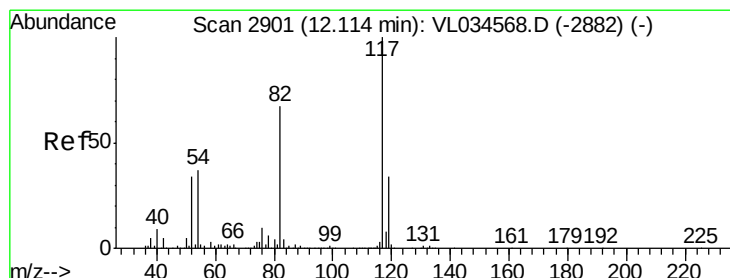
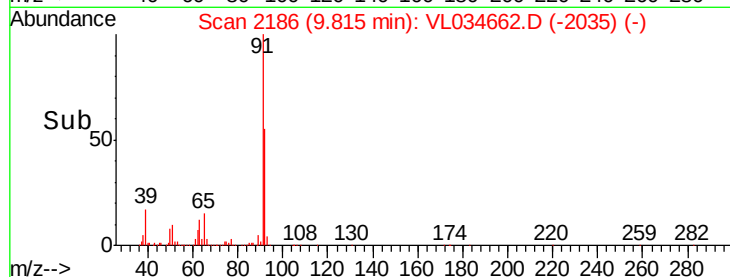
300000

200000

100000

0

Time-->



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.11 min Scan# 2899

Delta R.T. -0.01 min

Lab File: VL034662.D

Acq: 20 Feb 2020 2:18

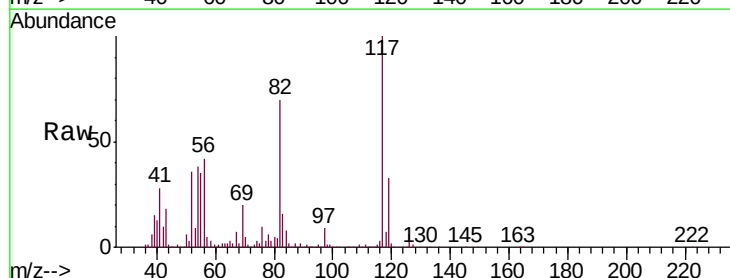
Tgt Ion: 117 Resp: 1838886

Ion Ratio Lower Upper

117 100

82 74.3 54.2 81.4

119 33.4 26.1 39.1



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V

12.11

1000000

800000

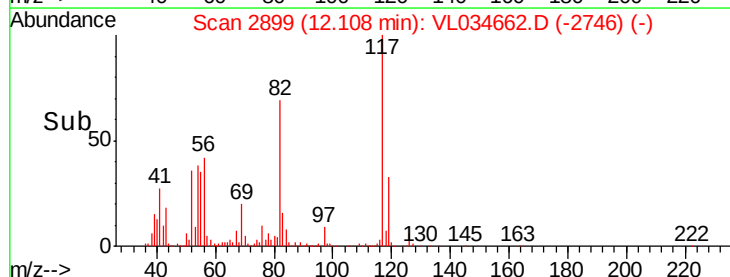
600000

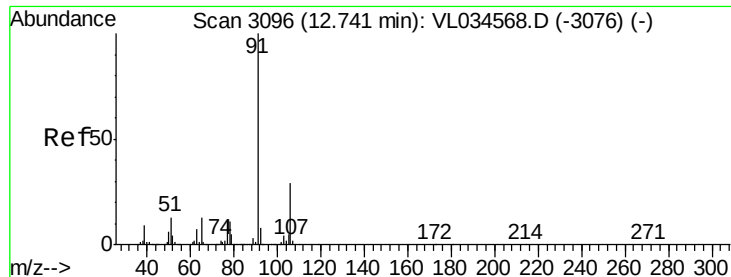
400000

200000

0

Time-->





#58

Ethyl Benzene

Concen: 5.794 ppbv

RT: 12.73 min Scan# 3094

Delta R.T. -0.01 min

Lab File: VL034662.D

Acq: 20 Feb 2020 2:18

Instrument :

MSVOA_L

ClientSampleId :

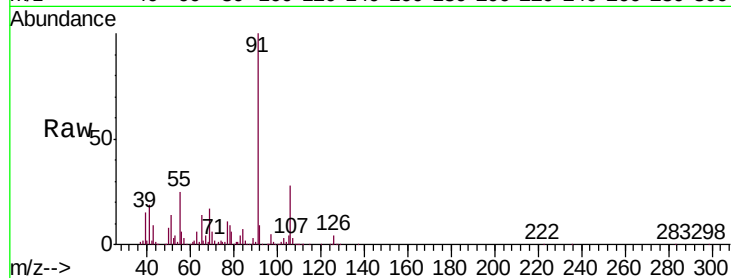
SS-1

Tgt Ion: 91 Resp: 1425739

Ion Ratio Lower Upper

91 100

106 28.6 23.3 34.9



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

600000

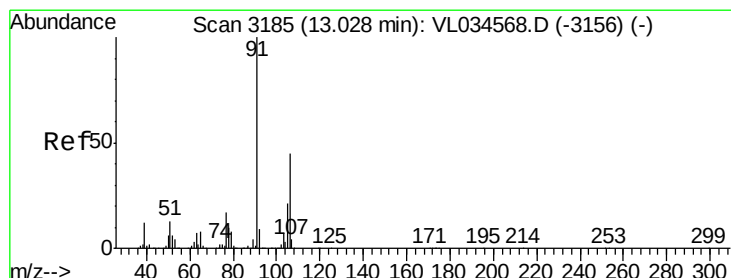
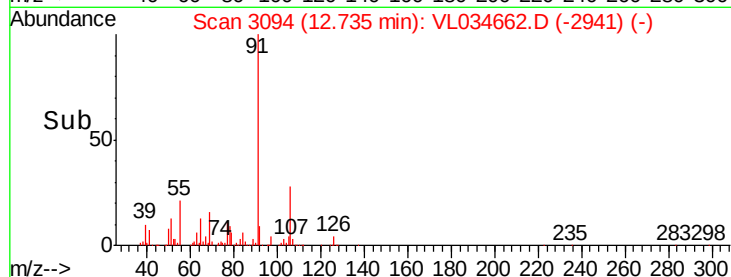
400000

200000

0

12.70 12.73 12.80

Time-->



#59

m/p-Xylene

Concen: 8.384 ppbv

RT: 13.00 min Scan# 3175

Delta R.T. -0.03 min

Lab File: VL034662.D

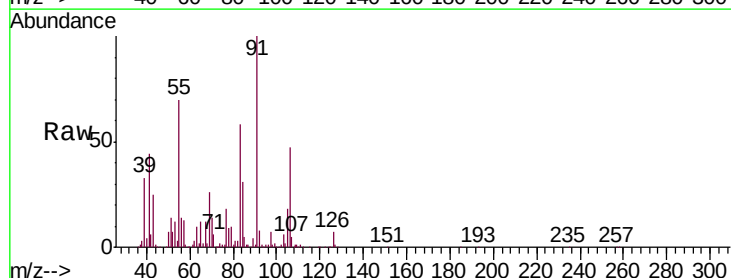
Acq: 20 Feb 2020 2:18

Tgt Ion: 91 Resp: 1823591

Ion Ratio Lower Upper

91 100

106 44.5 35.3 52.9



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

600000

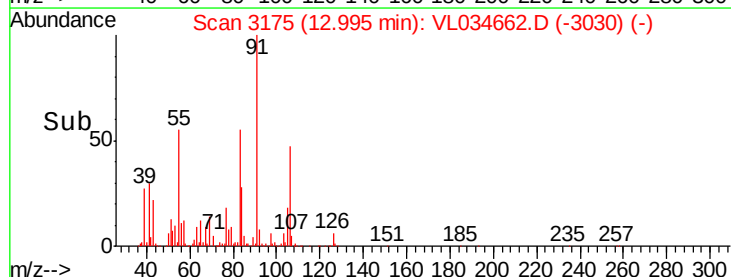
400000

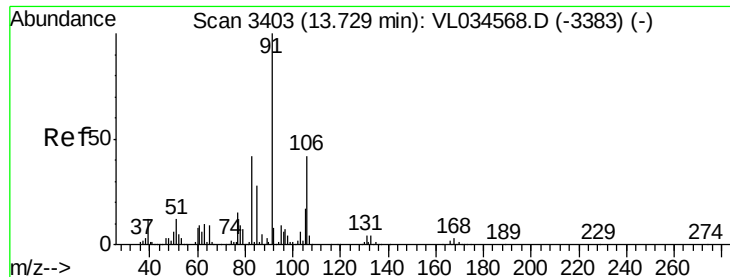
200000

0

12.90 13.00 13.10

Time-->

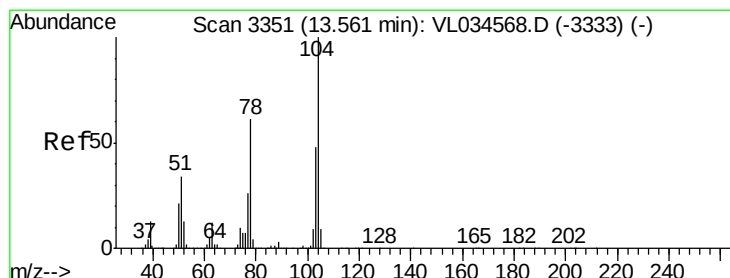
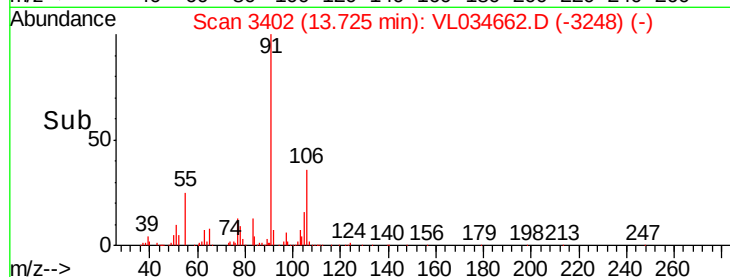
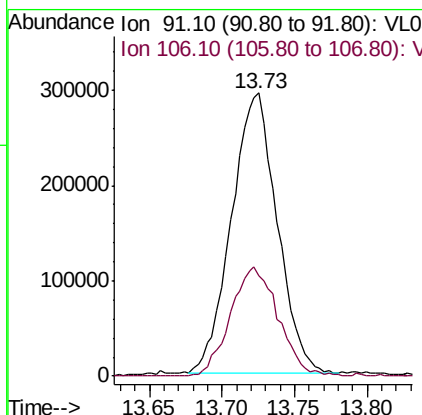
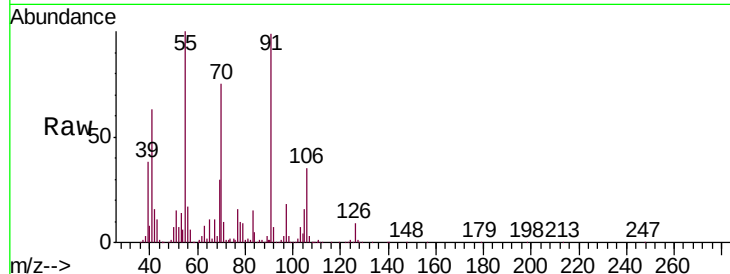




#60
o-Xylene
Concen: 2.935 ppbv
RT: 13.73 min Scan# 3402
Delta R.T. -0.00 min
Lab File: VL034662.D
Acq: 20 Feb 2020 2:18

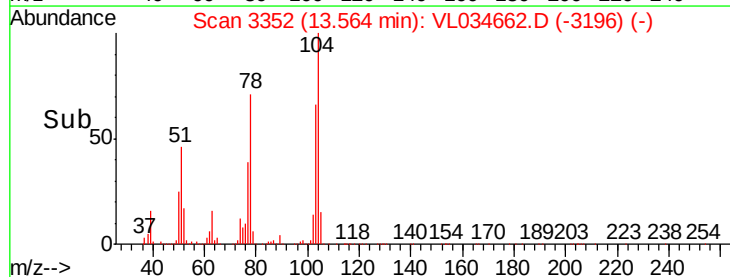
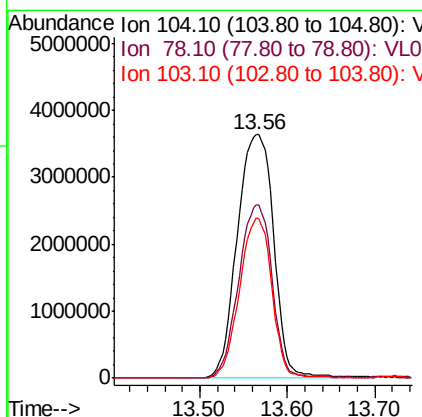
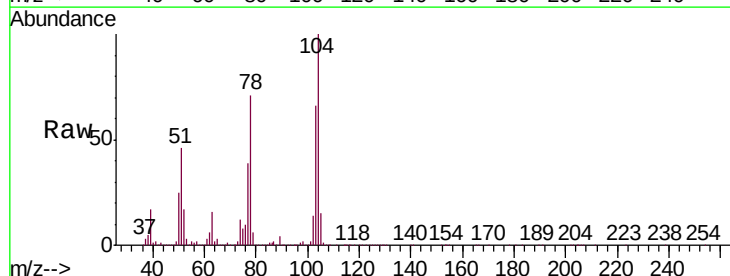
Instrument :
MSVOA_L
ClientSampled :
SS-1

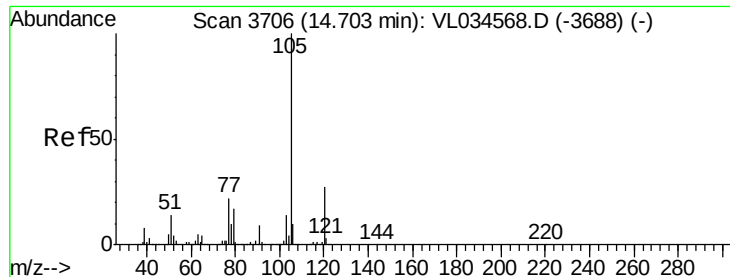
Tgt Ion: 91 Resp: 641140
Ion Ratio Lower Upper
91 100
106 40.8 21.6 65.0



#61
Styrene
Concen: 72.092 ppbv
RT: 13.56 min Scan# 3352
Delta R.T. 0.00 min
Lab File: VL034662.D
Acq: 20 Feb 2020 2:18

Tgt Ion: 104 Resp: 10500827
Ion Ratio Lower Upper
104 100
78 65.9 47.0 70.6
103 58.5 38.5 57.7#





#62

Isopropylbenzene

Concen: 49.204 ppbv

RT: 14.71 min Scan# 3707

Delta R.T. 0.00 min

Lab File: VL034662.D

Acq: 20 Feb 2020 2:18

Instrument :

MSVOA_L

ClientSampled :

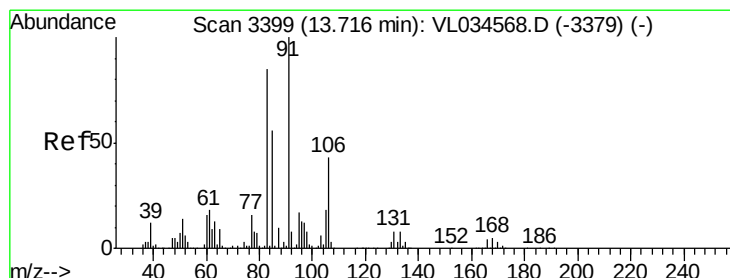
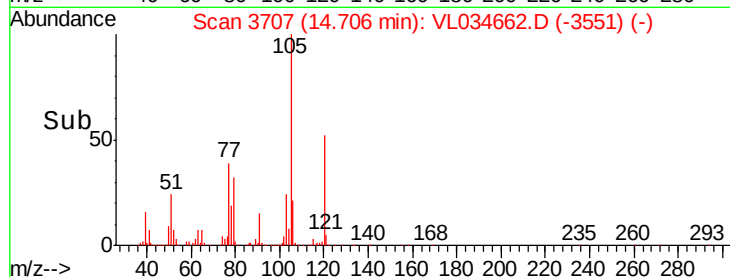
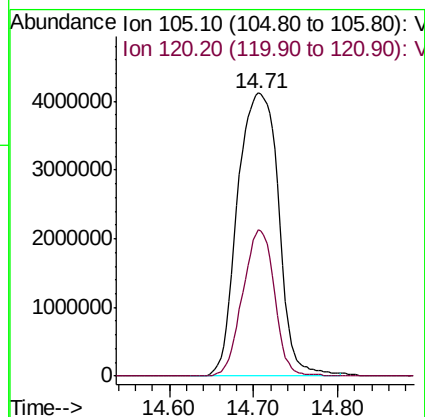
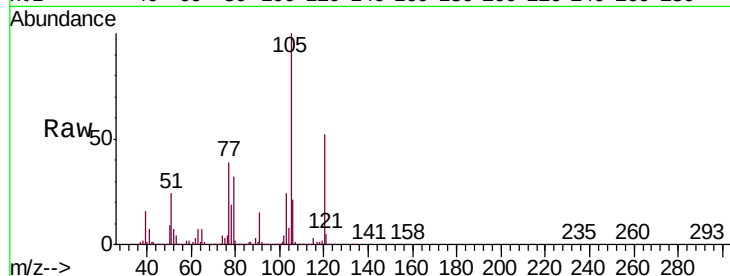
SS-1

Tgt Ion:105 Resp:13928839

Ion Ratio Lower Upper

105 100

120 40.2 20.7 31.1#



#63

1,1,2,2-Tetrachloroethane

Concen: 0.072 ppbv

RT: 13.70 min Scan# 3395

Delta R.T. -0.01 min

Lab File: VL034662.D

Acq: 20 Feb 2020 2:18

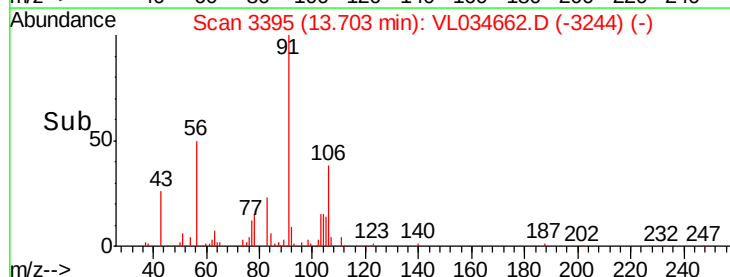
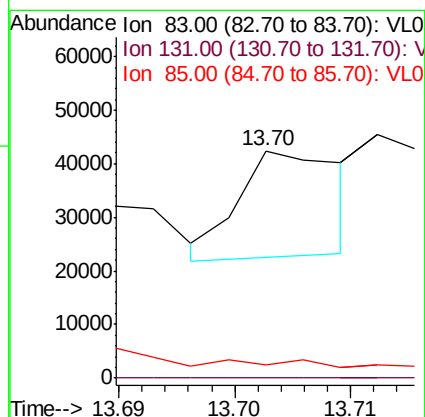
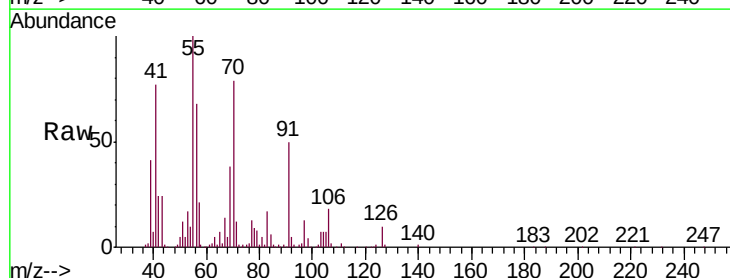
Tgt Ion: 83 Resp: 12198

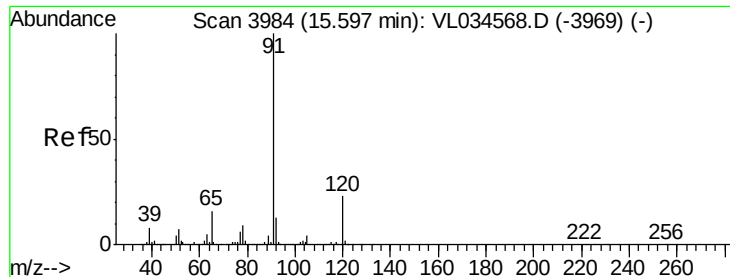
Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.6#

85 0.0 32.6 98.0#

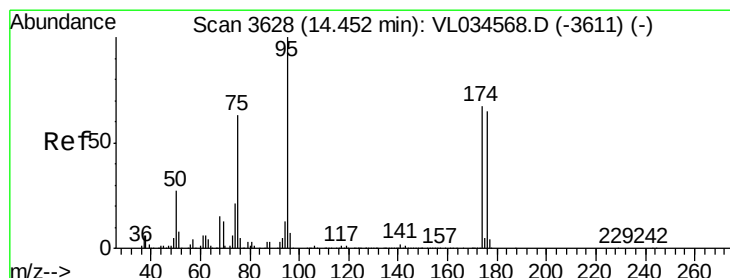
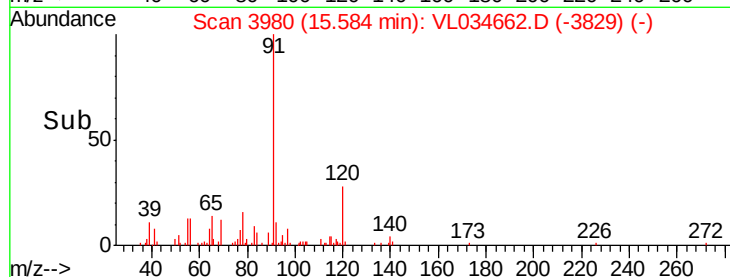
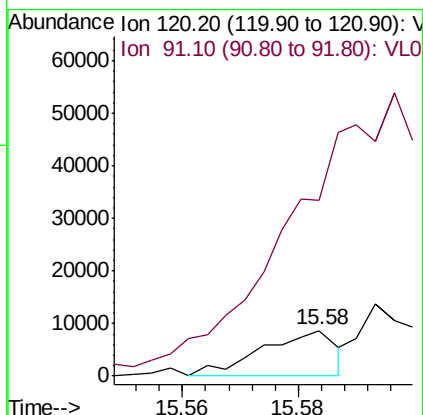
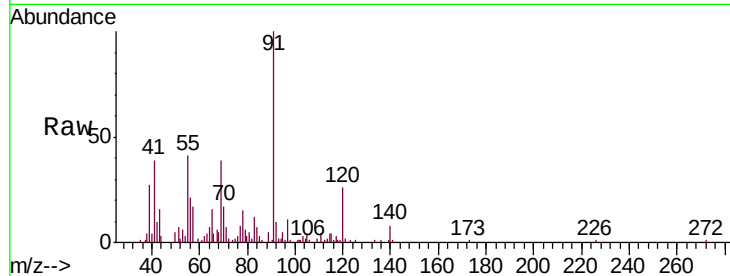




#64
n-propylbenzene
Concen: 0.107 ppbv
RT: 15.58 min Scan# 3980
Delta R.T. -0.01 min
Lab File: VL034662.D
Acq: 20 Feb 2020 2:18

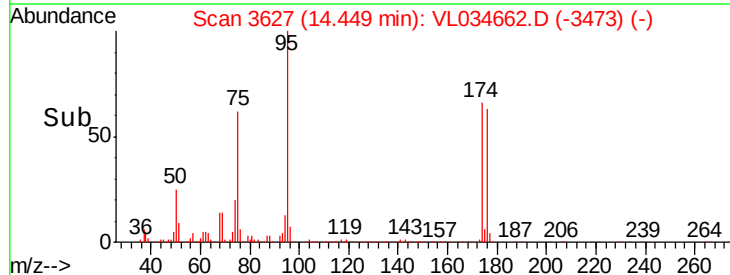
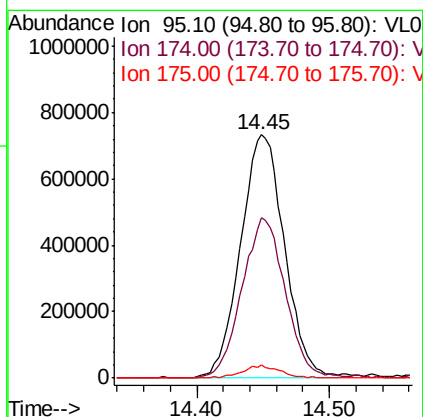
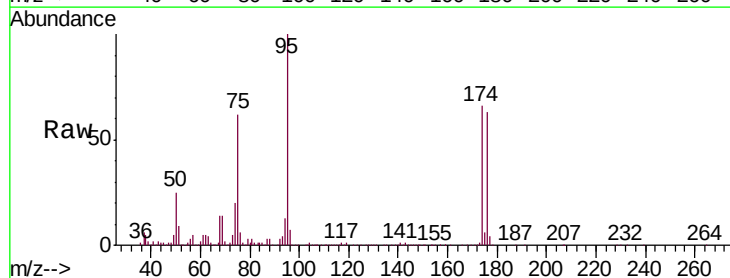
Instrument :
MSVOA_L
ClientSampled :
SS-1

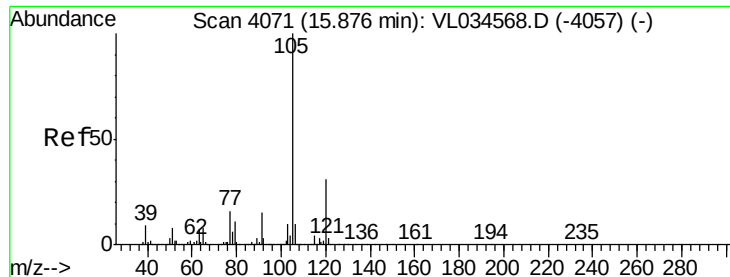
Tgt Ion: 120 Resp: 7785
Ion Ratio Lower Upper
120 100
91 0.0 365.3 547.9#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.764 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. -0.00 min
Lab File: VL034662.D
Acq: 20 Feb 2020 2:18

Tgt Ion: 95 Resp: 1672900
Ion Ratio Lower Upper
95 100
174 66.5 52.3 78.5
175 4.8 3.8 5.6





#72

4-Ethyltoluene

Concen: 0.473 ppbv

RT: 15.87 min Scan# 4070

Delta R.T. -0.00 min

Lab File: VL034662.D

Acq: 20 Feb 2020 2:18

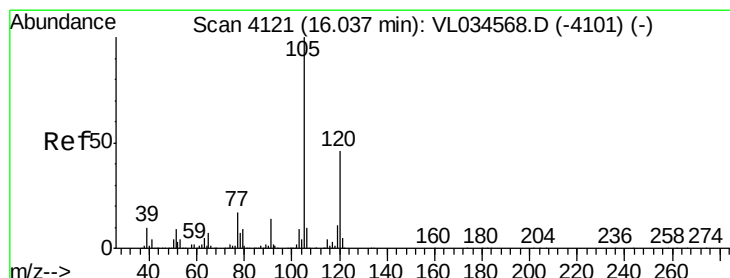
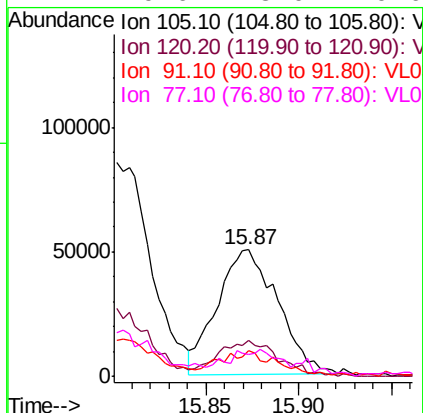
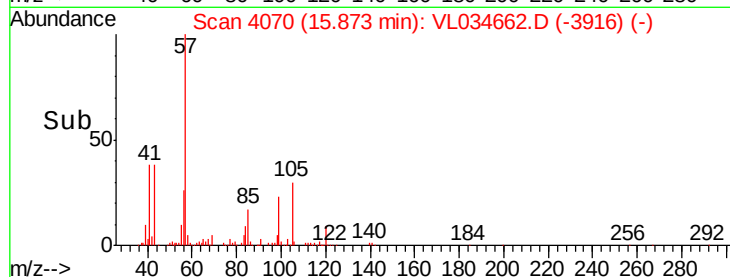
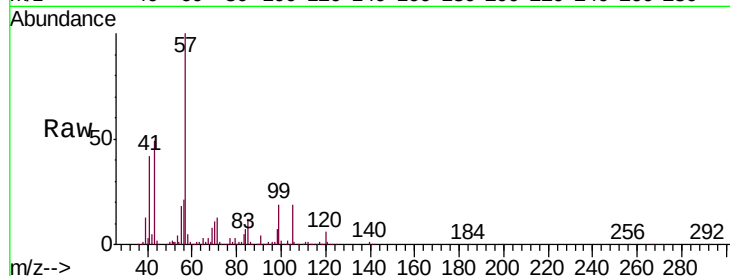
Instrument :

MSVOA_L

ClientSampleId :

SS-1

Tgt Ion:	105	Resp:	113510
Ion	Ratio	Lower	Upper
105	100		
120	29.1	23.8	35.6
91	17.4	11.8	17.8
77	19.6	13.0	19.6#



#73

1,3,5-Trimethylbenzene

Concen: 0.229 ppbv

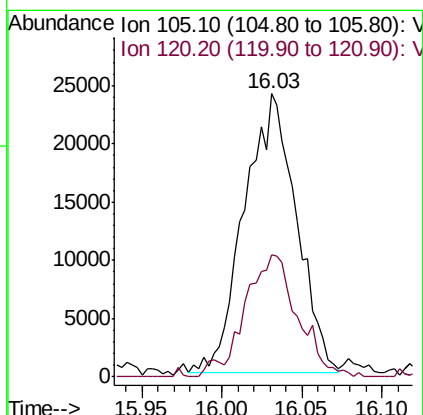
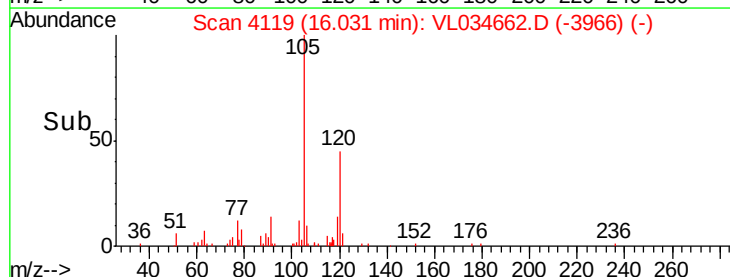
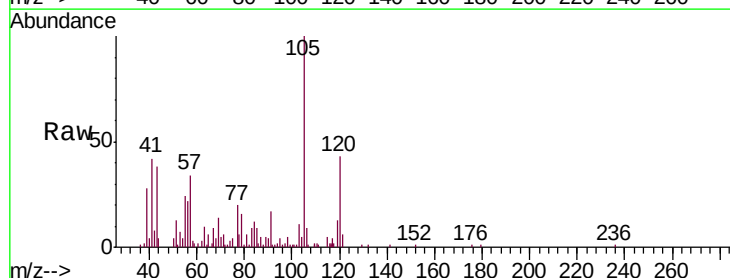
RT: 16.03 min Scan# 4119

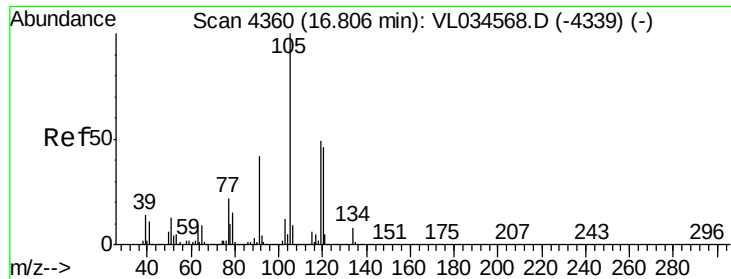
Delta R.T. -0.01 min

Lab File: VL034662.D

Acq: 20 Feb 2020 2:18

Tgt Ion:	105	Resp:	53610
Ion	Ratio	Lower	Upper
105	100		
120	43.9	37.0	55.6

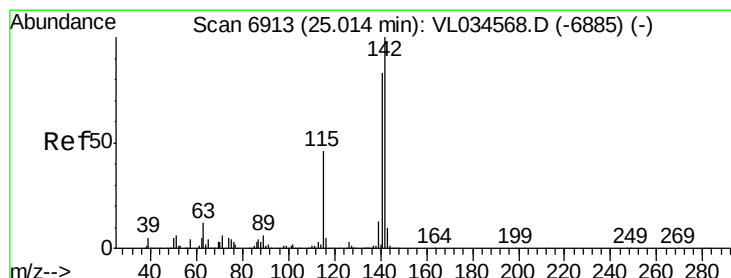
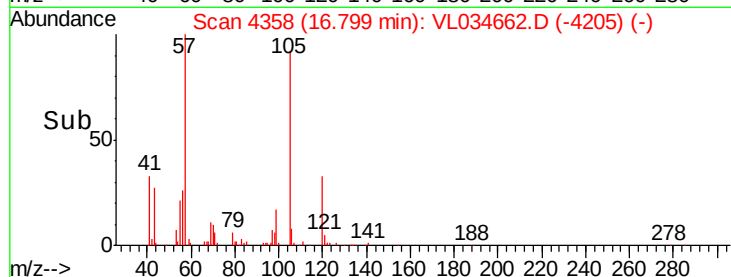
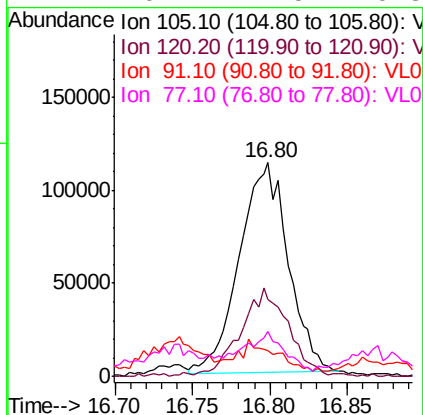
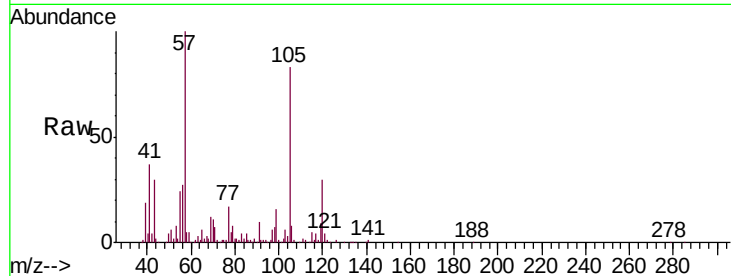




#74
 1,2,4-Trimethylbenzene
 Concen: 0.949 ppbv
 RT: 16.80 min Scan# 4358
 Delta R.T. -0.01 min
 Lab File: VL034662.D
 Acq: 20 Feb 2020 2:18

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1

Tgt Ion:	105	Resp:	246302
Ion Ratio	Lower	Upper	
105	100		
120	36.1	37.1	55.7#
91	8.5	34.3	51.5#
77	16.4	17.5	26.3#



#80
 Naphthalene, 2-methyl-
 Concen: 0.035 ppbv
 RT: 25.02 min Scan# 6914
 Delta R.T. 0.00 min
 Lab File: VL034662.D
 Acq: 20 Feb 2020 2:18

Tgt Ion:	142	Resp:	2780
Ion Ratio	Lower	Upper	
142	100		
141	107.4	67.0	100.4#
115	36.4	39.5	59.3#

