

Data File : VL034641.D

Acq On : 19 Feb 2020 2:18

Operator : SY/AP

Sample : L1554-02

Misc : 400ml/MSVOA_L

ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SS-2

Quant Time: Feb 19 06:07:53 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL013020AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu 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	5.66	49	1117303	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2359826	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2444665	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2150170	10.41	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.10%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	3.01	85	49692	0.202	ppbv 95
4) Chloromethane	3.11	50	12154	0.147	ppbv 100
9) Propene	2.97	41	289048	5.499	ppbv # 81
10) Heptane	8.13	43	60193	0.455	ppbv 97
11) Trichlorofluoromethane	3.92	101	44750	0.200	ppbv 98
12) 1,1,2-Trichlorotrifluoroet	4.46	101	4668	0.032	ppbv # 14
13) Ethanol	3.57	45	856547	60.834	ppbv 99
15) Acetone	3.82	43	1591695	9.693	ppbv 92
16) 1,3-Butadiene	3.27	39	124496	1.909	ppbv # 29
17) tert-Butyl alcohol	4.28	59	417608	3.458	ppbv 98
19) Isopropyl Alcohol	3.95	45	183596	1.916	ppbv # 1
20) Methylene Chloride	4.32	84	43710	0.699	ppbv 87
23) Vinyl Acetate	5.15	43	163139	0.871	ppbv # 15
25) Ethyl Acetate	5.66	43	166745	0.627	ppbv # 63
26) Hexane	5.67	57	41615	0.374	ppbv # 2
27) Carbon Disulfide	4.53	76	153162	1.019	ppbv 99
29) Chloroform	5.74	83	13155	0.067	ppbv # 83
30) Cyclohexane	7.13	84	3860	0.047	ppbv # 1
34) 2-Butanone	5.22	43	5478233	31.972	ppbv # 90
36) Benzene	6.89	78	186428	0.888	ppbv 97
37) 1,2-Dichloroethane	6.31	62	10678	0.061	ppbv # 86
39) 1,2-Dichloropropane	7.18	63	662558	7.616	ppbv # 18
41) Tetrahydrofuran	6.04	42	6533	0.073	ppbv # 36
43) Methyl Methacrylate	8.02	69	18700	0.222	ppbv # 1
50) 4-Methyl-2-Pentanone	8.75	43	9189	0.038	ppbv # 26
51) 2-Hexanone	10.15	43	42154	0.219	ppbv # 87
52) Tetrachloroethene	11.24	164	51522	0.611	ppbv # 83
53) Toluene	9.82	91	2793521	12.117	ppbv 99
58) Ethyl Benzene	12.75	91	3152234	9.636	ppbv 96
59) m/p-Xylene	13.00	91	3748160	12.961	ppbv 97
60) o-Xylene	13.73	91	1330786	4.582	ppbv 99
61) Styrene	13.58	104	13638018	70.429	ppbv # 83
62) Isopropylbenzene	14.72	105	17466073	46.411	ppbv # 58
63) 1,1,2,2-Tetrachloroethane	13.72	83	78022	0.347	ppbv # 25
64) n-propylbenzene	15.60	120	16831	0.174	ppbv # 1
72) 4-Ethyltoluene	15.88	105	194354	0.609	ppbv # 95
73) 1,3,5-Trimethylbenzene	16.04	105	69726	0.224	ppbv 88
74) 1,2,4-Trimethylbenzene	16.81	105	402403	1.166	ppbv # 70
80) Naphthalene,2-methyl-	25.02	142	4925	0.047	ppbv # 82

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL021820\
Quantitation Report (Not Reviewed)

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SS-2

Quant Time: Feb 19 06:07:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 30 17:16:44 2020
QLast Update : Thu Jan 30 17:16:44 2020
Response via : Initial Calibration

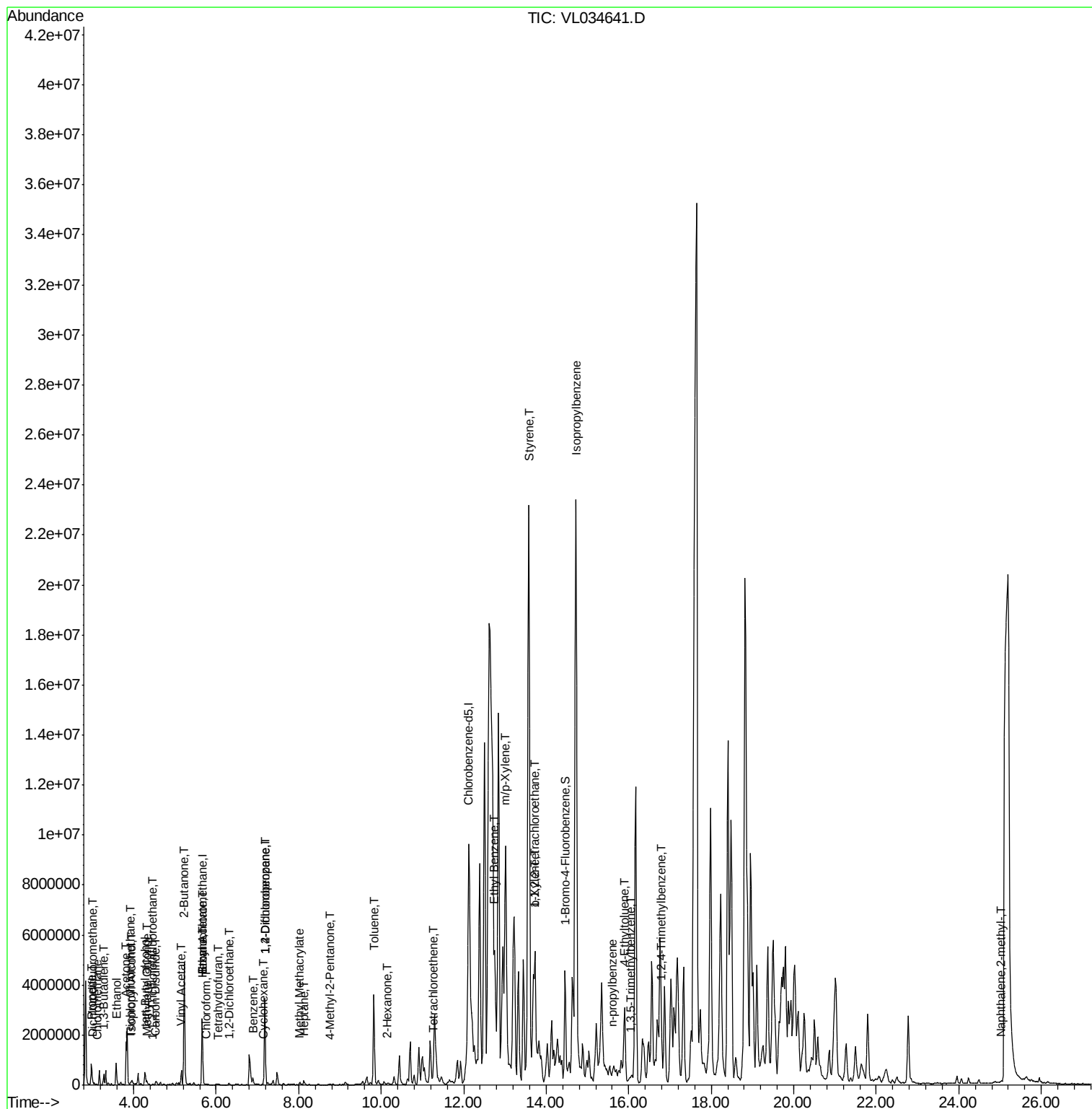
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

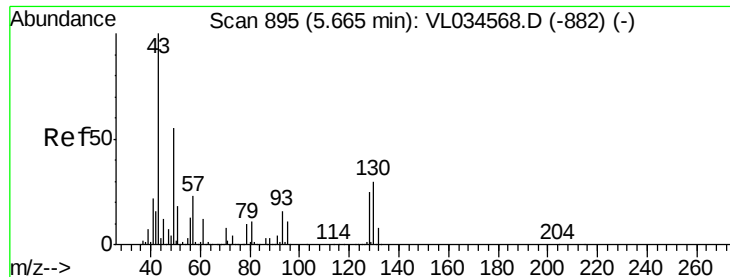
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data File : VL034641.D
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.01 min

Lab File: VL034641.D

Acq: 19 Feb 2020 2:18

Instrument :

MSVOA_L

ClientSampleId :

SS-2

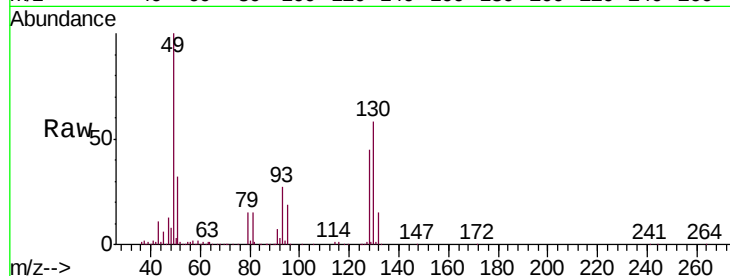
Tgt Ion: 49 Resp: 1117303

Ion Ratio Lower Upper

49 100

128 46.7 22.7 68.1

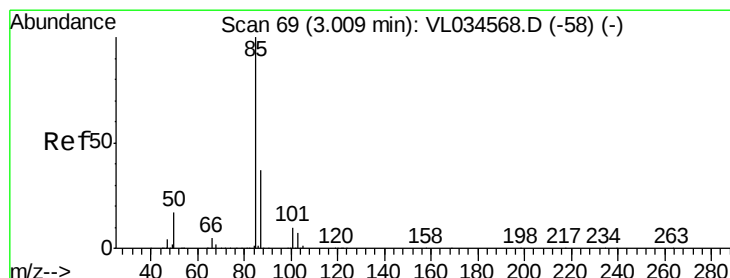
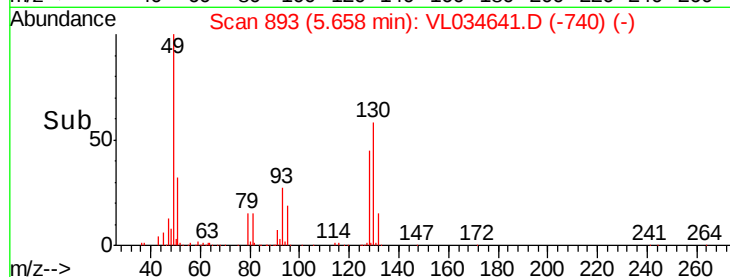
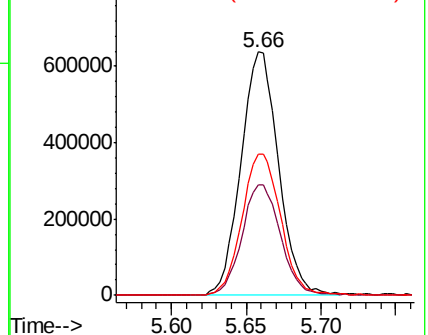
130 60.0 28.6 85.8



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: 0.202 ppbv

RT: 3.01 min Scan# 69

Delta R.T. -0.00 min

Lab File: VL034641.D

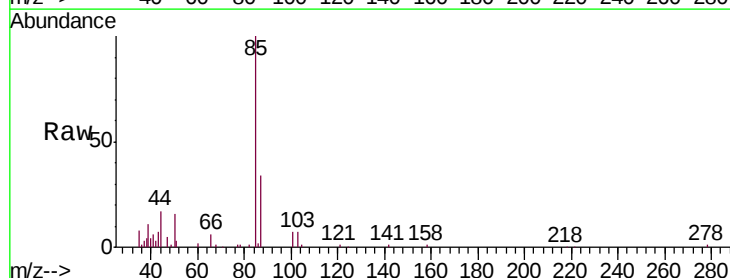
Acq: 19 Feb 2020 2:18

Tgt Ion: 85 Resp: 49692

Ion Ratio Lower Upper

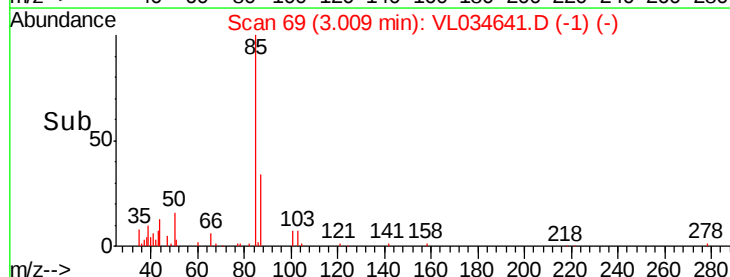
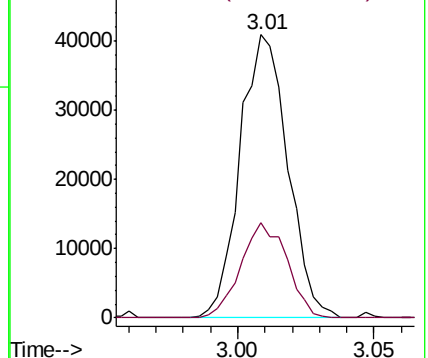
85 100

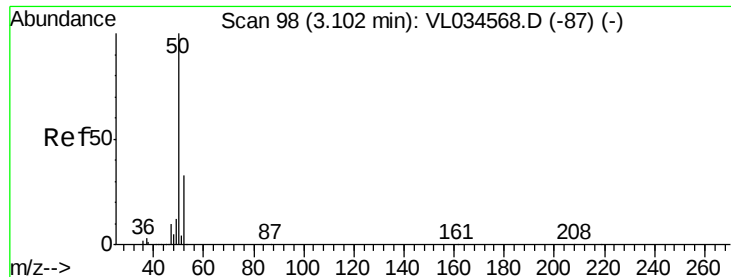
87 33.7 29.5 44.3



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#4

Chloromethane

Concen: 0.147 ppbv

RT: 3.11 min Scan# 100

Delta R.T. 0.01 min

Lab File: VL034641.D

Acq: 19 Feb 2020 2:18

Instrument :

MSVOA_L

ClientSampleId :

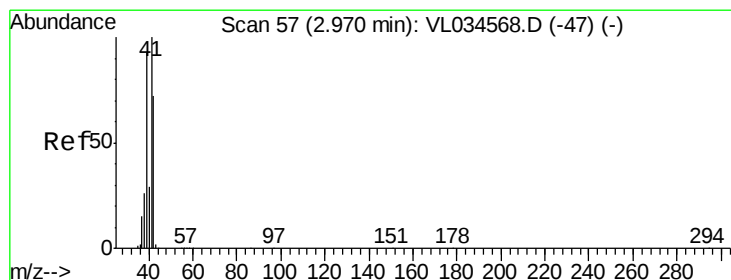
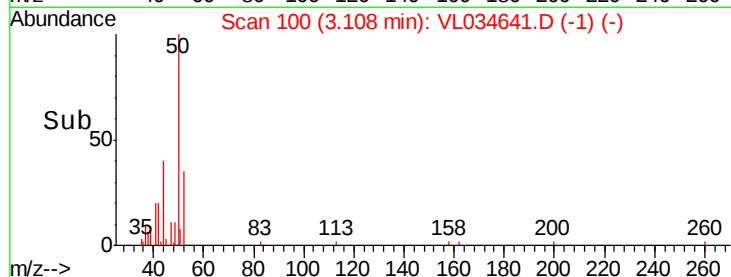
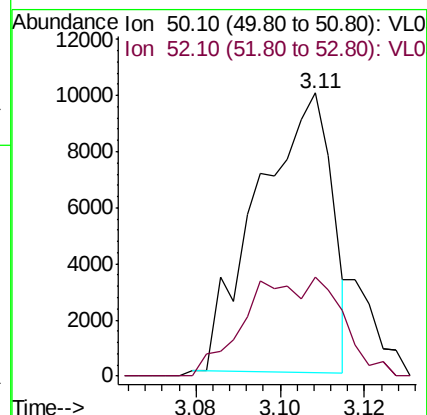
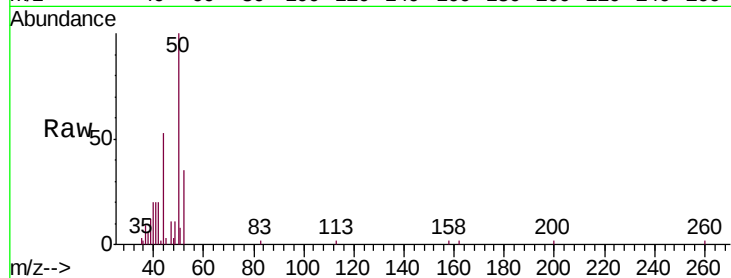
SS-2

Tgt Ion: 50 Resp: 12154

Ion Ratio Lower Upper

50 100

52 33.2 26.6 39.8



#9

Propene

Concen: 5.499 ppbv

RT: 2.97 min Scan# 58

Delta R.T. 0.00 min

Lab File: VL034641.D

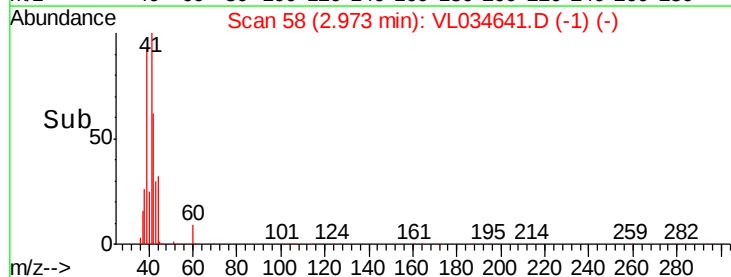
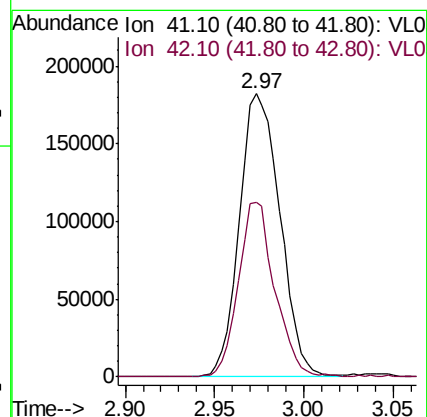
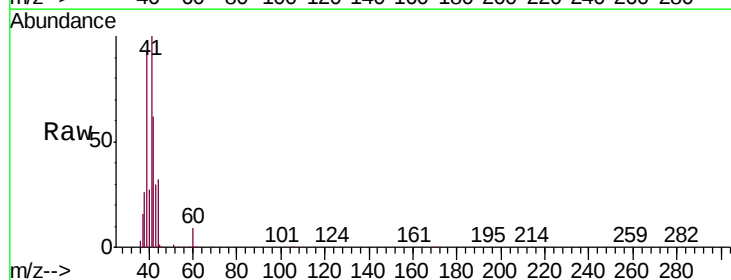
Acq: 19 Feb 2020 2:18

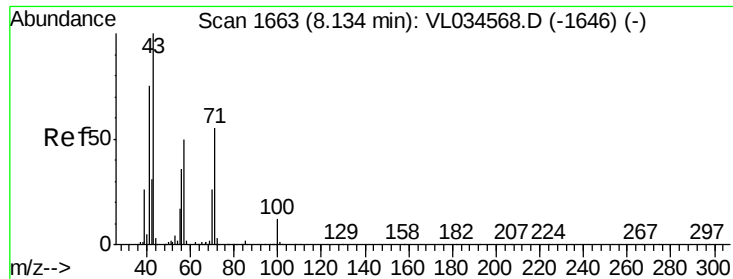
Tgt Ion: 41 Resp: 289048

Ion Ratio Lower Upper

41 100

42 55.8 57.0 85.4#

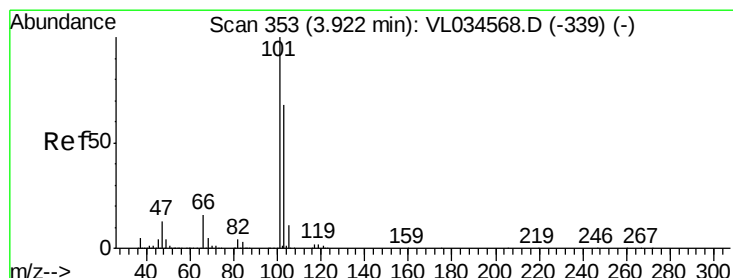
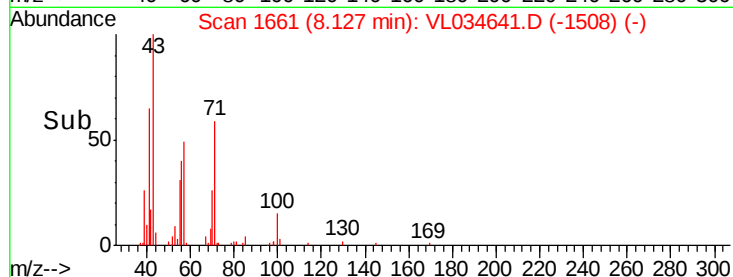
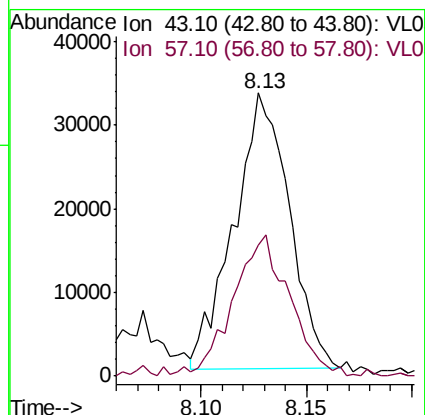
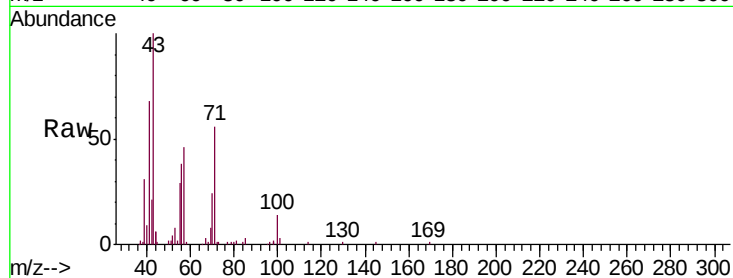




#10
 Heptane
 Concen: 0.455 ppbv
 RT: 8.13 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: VL034641.D
 Acq: 19 Feb 2020 2:18

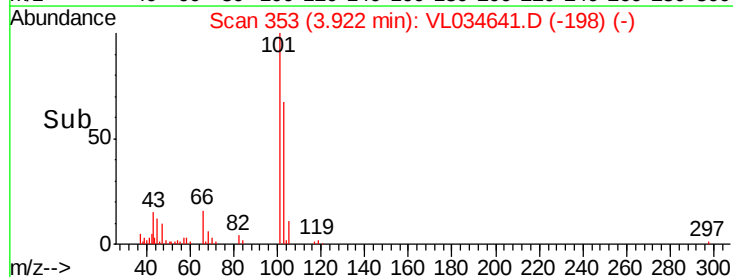
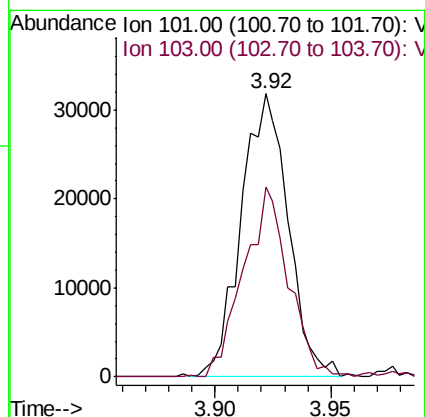
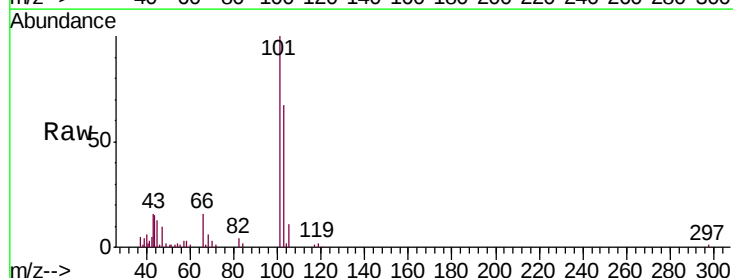
Instrument :
 MSVOA_L
 ClientSampleId :
 SS-2

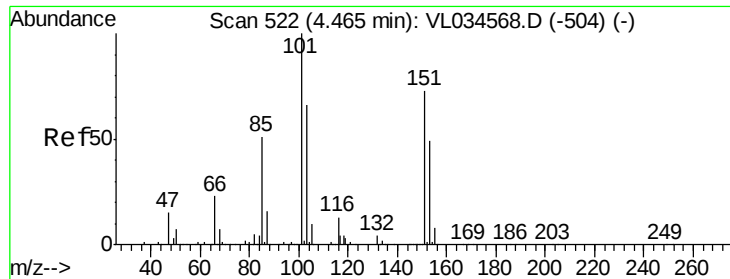
Tgt Ion: 43 Resp: 60193
 Ion Ratio Lower Upper
 43 100
 57 53.9 41.2 61.8



#11
 Trichlorofluoromethane
 Concen: 0.200 ppbv
 RT: 3.92 min Scan# 353
 Delta R.T. -0.00 min
 Lab File: VL034641.D
 Acq: 19 Feb 2020 2:18

Tgt Ion: 101 Resp: 44750
 Ion Ratio Lower Upper
 101 100
 103 66.7 54.4 81.6





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.032 ppbv

RT: 4.46 min Scan# 520

Delta R.T. -0.01 min

Lab File: VL034641.D

Acq: 19 Feb 2020 2:18

Instrument :

MSVOA_L

ClientSampleId :

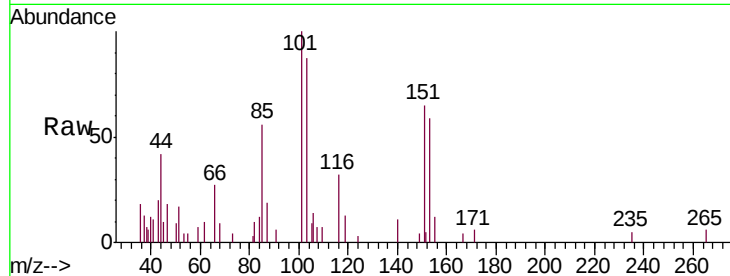
SS-2

Tgt Ion: 101 Resp: 4668

Ion Ratio Lower Upper

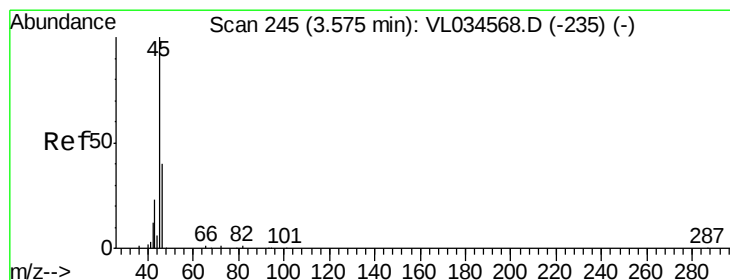
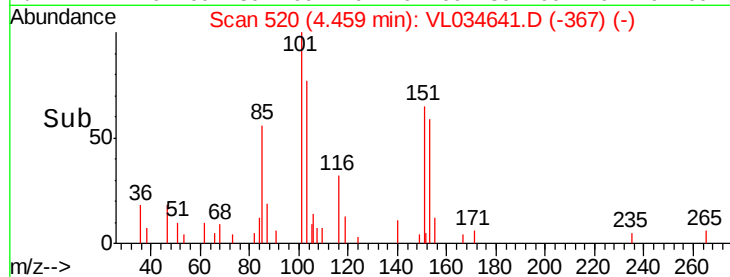
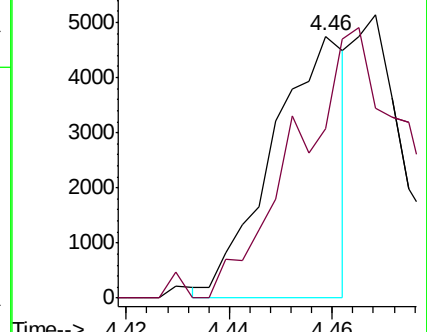
101 100

151 0.0 57.0 85.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V



#13

Ethanol

Concen: 60.834 ppbv

RT: 3.57 min Scan# 245

Delta R.T. -0.00 min

Lab File: VL034641.D

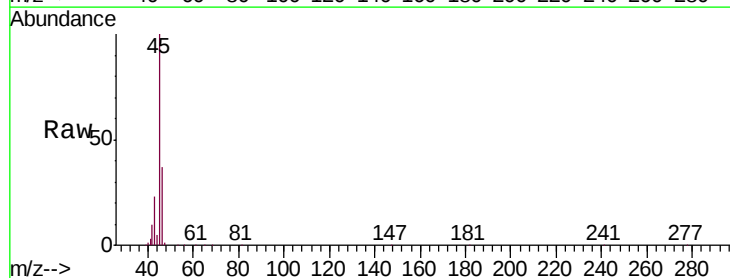
Acq: 19 Feb 2020 2:18

Tgt Ion: 45 Resp: 856547

Ion Ratio Lower Upper

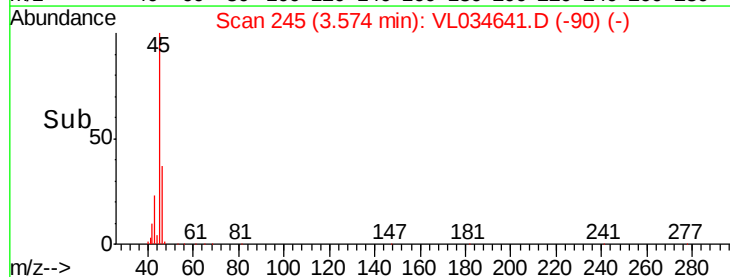
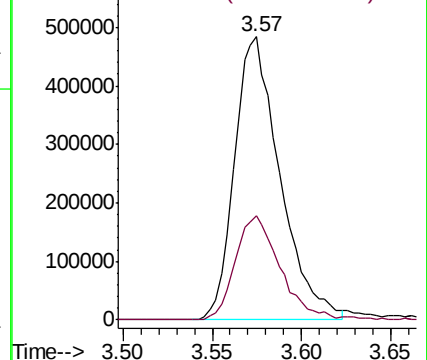
45 100

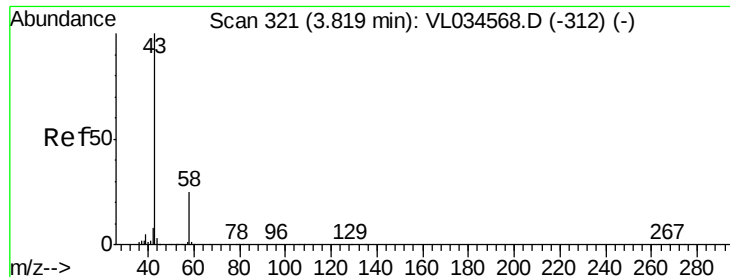
46 36.5 14.8 59.2



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 9.693 ppbv

RT: 3.82 min Scan# 320

Delta R.T. -0.00 min

Lab File: VL034641.D

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Instrument :

MSVOA_L

ClientSampleId :

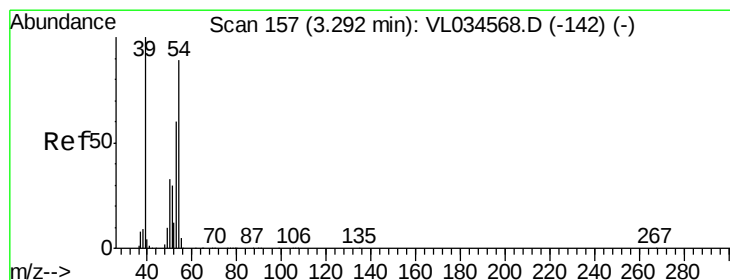
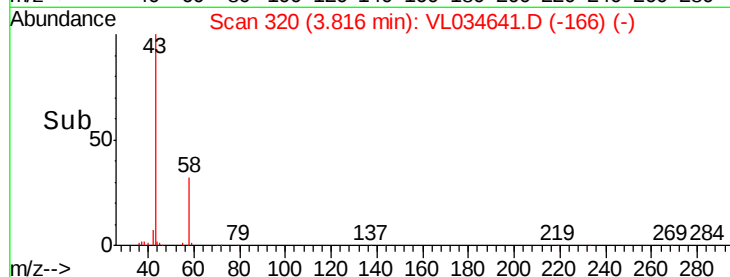
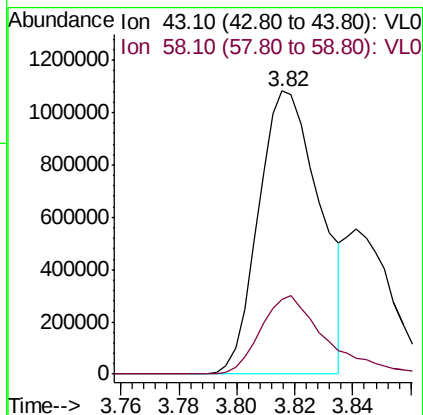
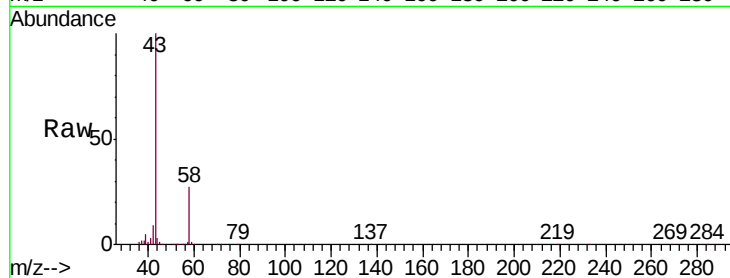
SS-2

Tgt Ion: 43 Resp: 1591695

Ion Ratio Lower Upper

43 100

58 29.7 20.3 30.5



#16

1,3-Butadiene

Concen: 1.909 ppbv

RT: 3.27 min Scan# 151

Delta R.T. -0.02 min

Lab File: VL034641.D

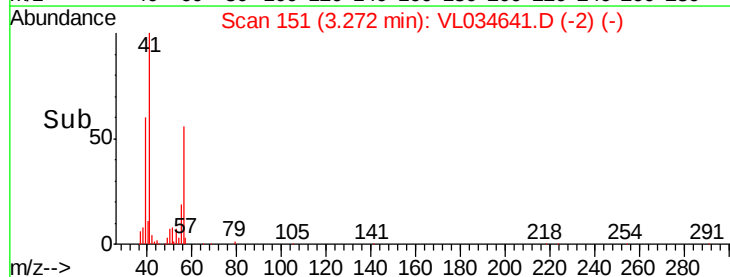
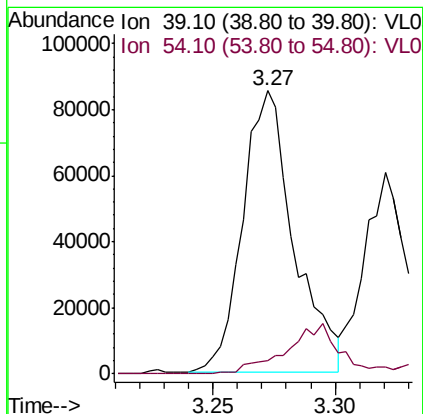
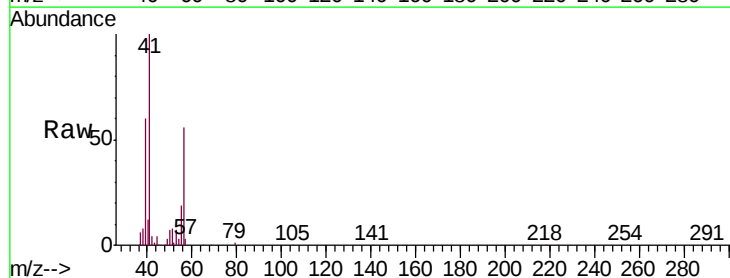
Acq: 19 Feb 2020 2:18

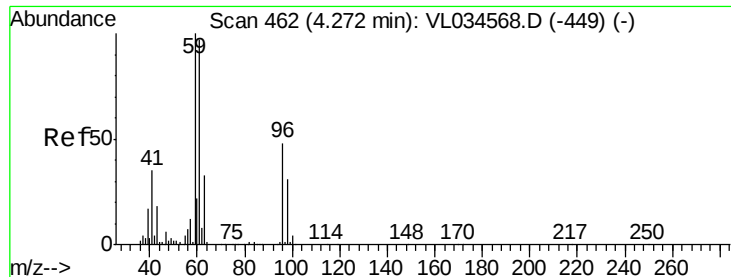
Tgt Ion: 39 Resp: 124496

Ion Ratio Lower Upper

39 100

54 19.4 66.7 100.1#





#17

tert-Butyl alcohol

Concen: 3.458 ppbv

RT: 4.28 min Scan# 463

Delta R.T. 0.00 min

Lab File: VL034641.D

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MSVOA_L

ClientSampleId :

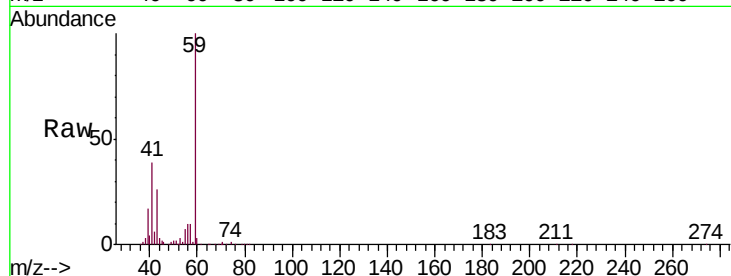
SS-2

Tgt Ion: 59 Resp: 417608

Ion Ratio Lower Upper

59 100

57 11.5 8.7 13.1



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

250000

200000

150000

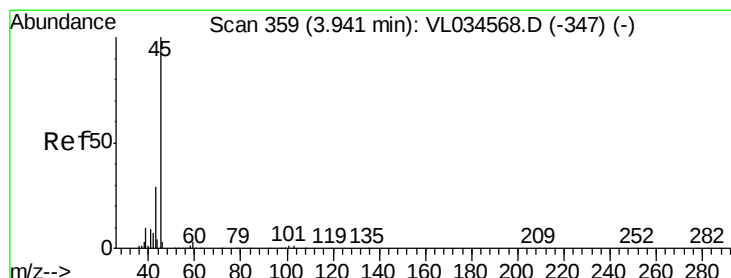
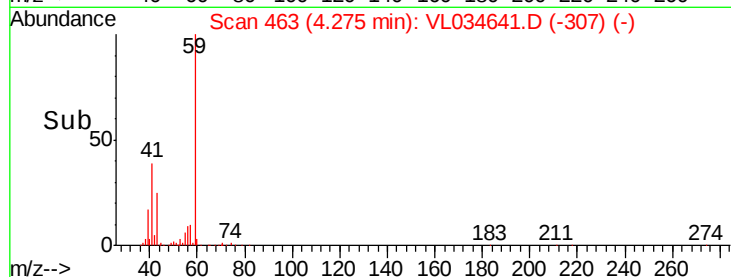
100000

50000

0

4.20 4.25 4.30 4.35

Time-->



#19

Isopropyl Alcohol

Concen: 1.916 ppbv

RT: 3.95 min Scan# 362

Delta R.T. 0.01 min

Lab File: VL034641.D

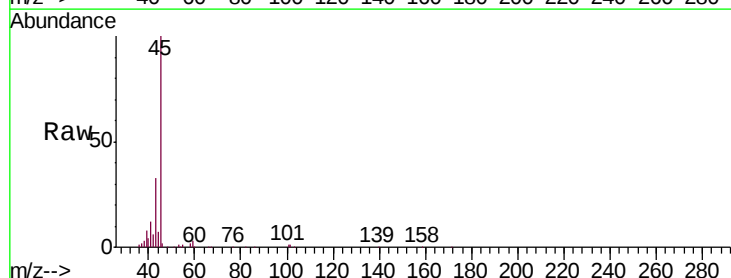
Acq: 19 Feb 2020 2:18

Tgt Ion: 45 Resp: 183596

Ion Ratio Lower Upper

45 100

58 257.2 1.7 2.5#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

120000

100000

80000

60000

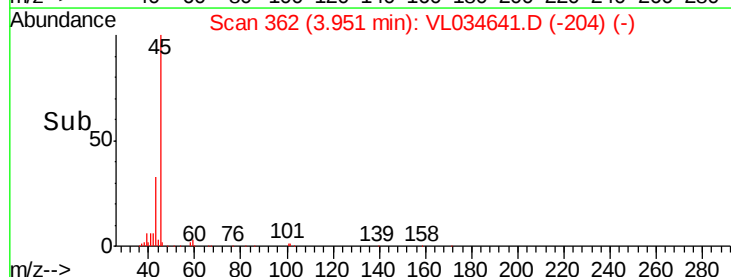
40000

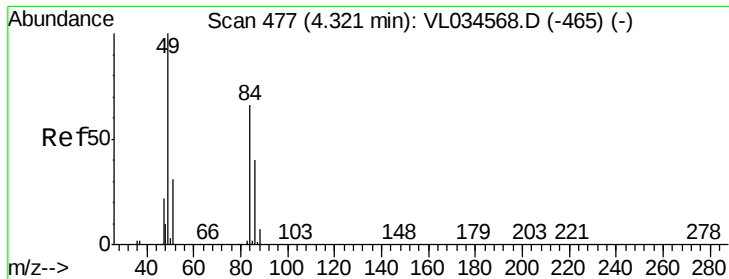
20000

0

3.90 3.95

Time-->

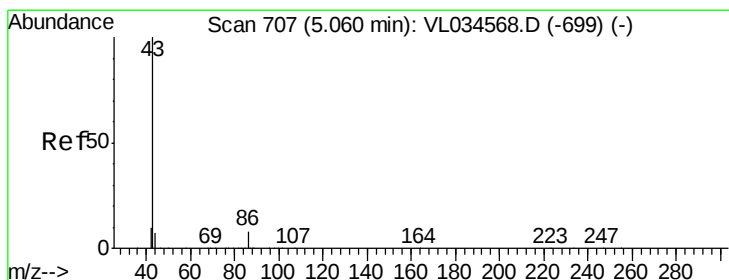
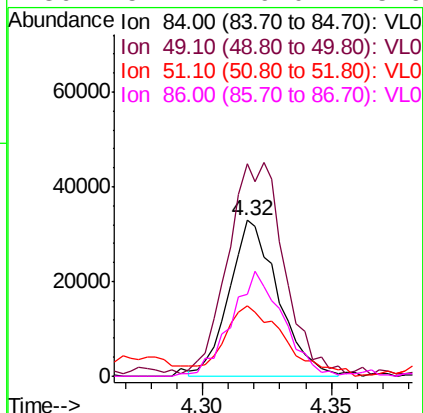
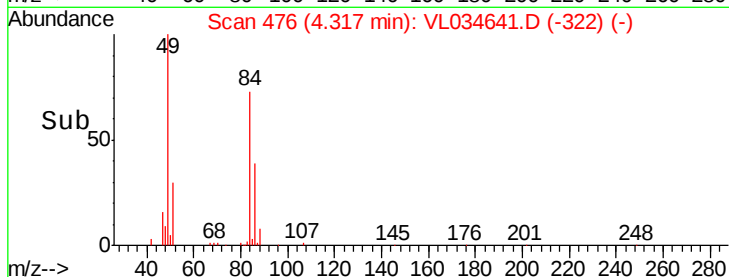
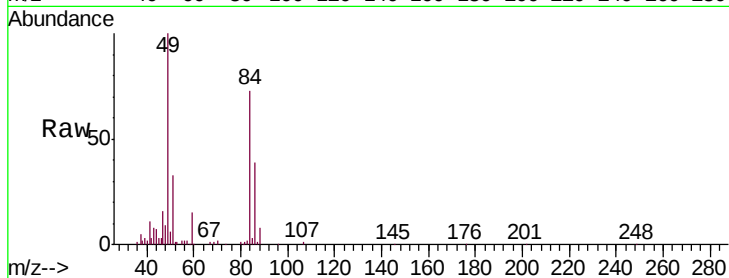




#20
Methylene Chloride
Concen: 0.699 ppbv
RT: 4.32 min Scan# 476
Delta R.T. -0.00 min
Lab File: VL034641.D
Acq: 19 Feb 2020 2:18

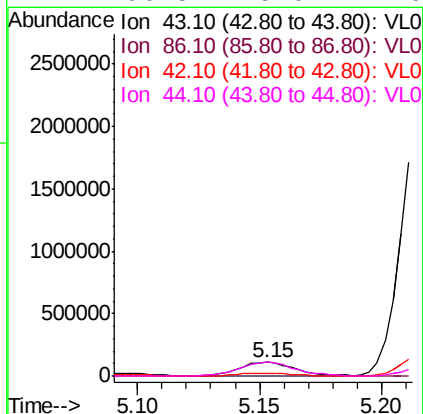
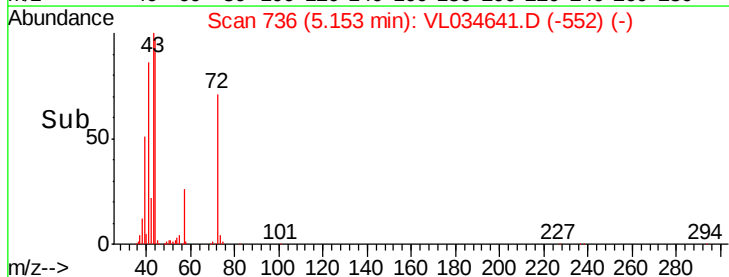
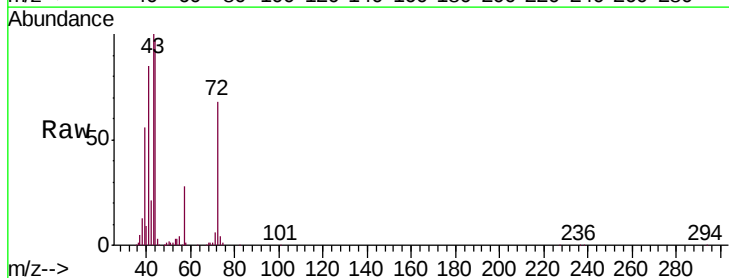
Instrument :
MSVOA_L
ClientSampleId :
SS-2

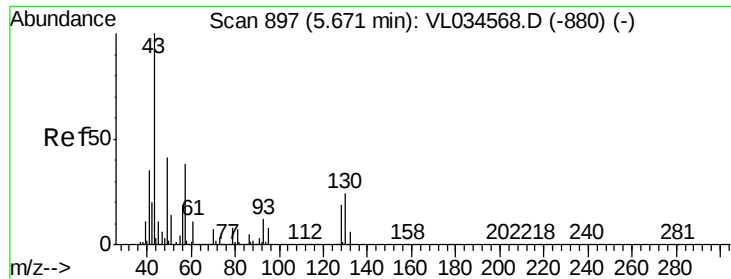
Tgt Ion:	84	Resp:	43710
Ion	Ratio	Lower	Upper
84	100		
49	134.5	122.4	183.6
51	41.7	38.6	57.8
86	52.2	49.0	73.6



#23
Vinyl Acetate
Concen: 0.871 ppbv
RT: 5.15 min Scan# 736
Delta R.T. 0.09 min
Lab File: VL034641.D
Acq: 19 Feb 2020 2:18

Tgt Ion:	43	Resp:	163139
Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.9	8.9#
42	19.9	8.8	13.2#
44	96.5	5.0	7.6#

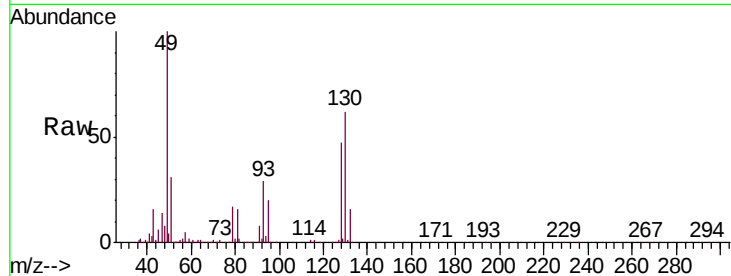




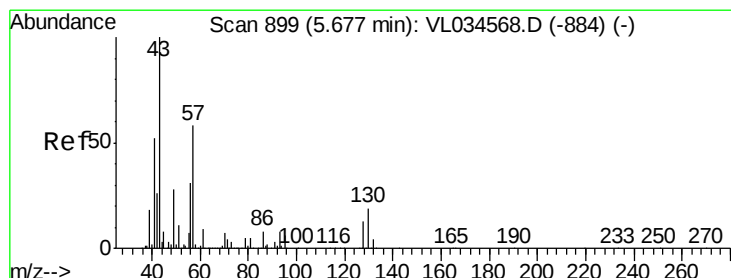
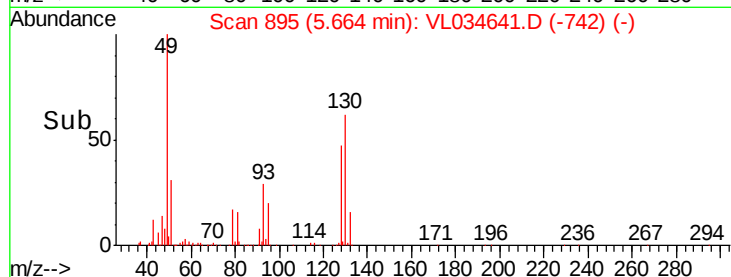
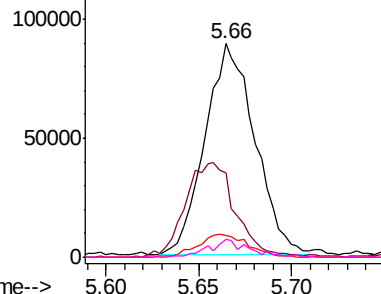
#25
Ethyl Acetate
Concen: 0.627 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.01 min
Lab File: VL034641.D
Acq: 19 Feb 2020 2:18

Instrument :
MSVOA_L
ClientSampleId :
SS-2

Tgt Ion:	43	Resp:	166745
Ion	Ratio	Lower	Upper
43	100		
45	45.5	8.5	12.7#
61	10.9	7.8	11.6
70	7.0	5.8	8.8

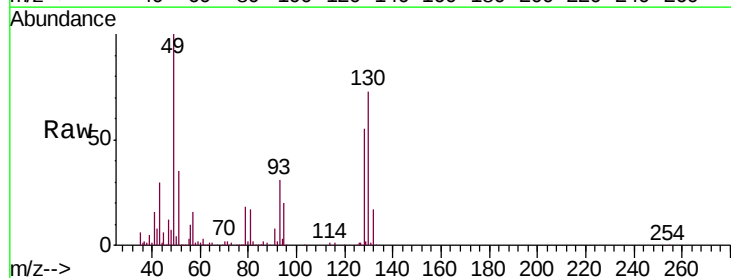


Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 45.10 (44.80 to 45.80): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 70.10 (69.80 to 70.80): VL0

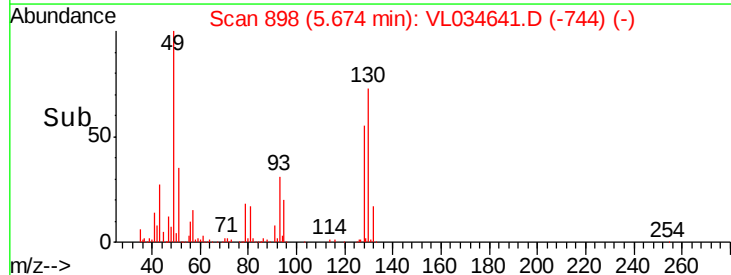
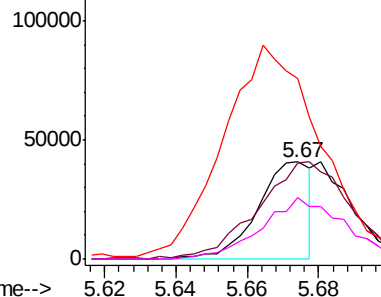


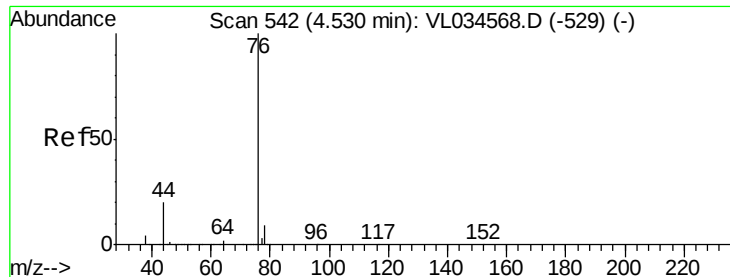
#26
Hexane
Concen: 0.374 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.00 min
Lab File: VL034641.D
Acq: 19 Feb 2020 2:18

Tgt Ion:	57	Resp:	41615
Ion	Ratio	Lower	Upper
57	100		
41	0.0	76.2	114.2#
43	417.1	189.9	284.9#
56	100.7	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

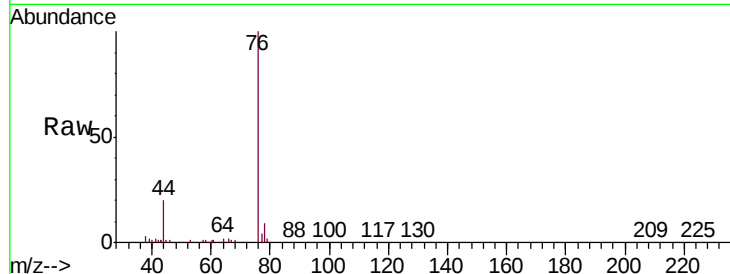




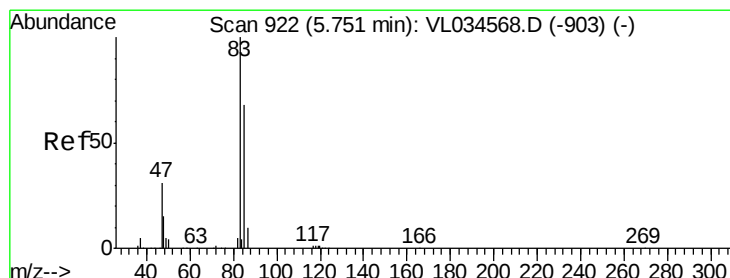
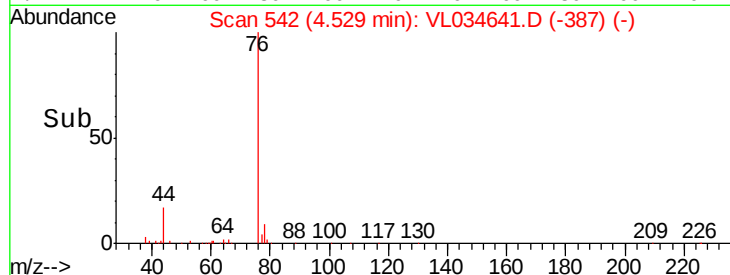
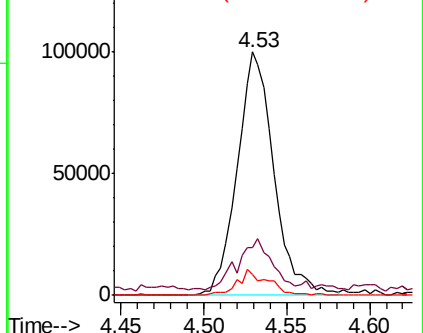
#27
Carbon Disulfide
Concen: 1.019 ppbv
RT: 4.53 min Scan# 542
Delta R.T. -0.00 min
Lab File: VL034641.D
Acq: 19 Feb 2020 2:18

Instrument :
MSVOA_L
ClientSampled :
SS-2

Tgt Ion: 76 Resp: 153162
Ion Ratio Lower Upper
76 100
44 19.7 16.3 24.5
78 9.0 7.4 11.2

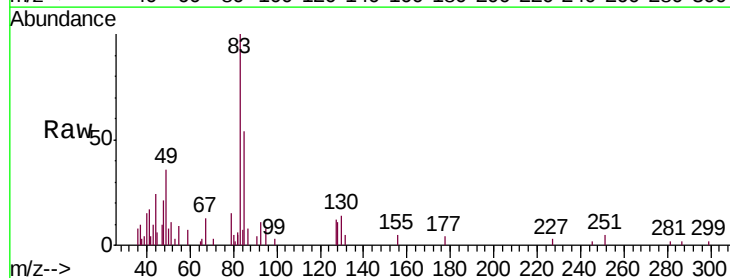


Abundance Ion 76.00 (75.70 to 76.70): VL0
Ion 44.10 (43.80 to 44.80): VL0
Ion 78.00 (77.70 to 78.70): VL0

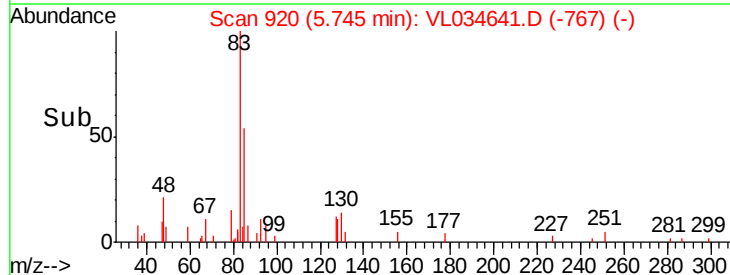
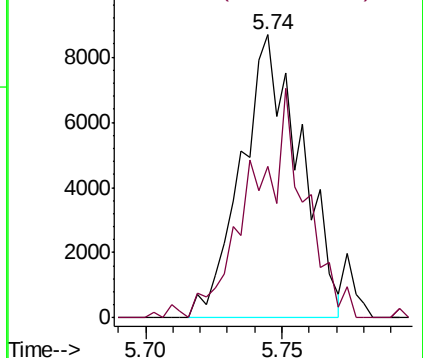


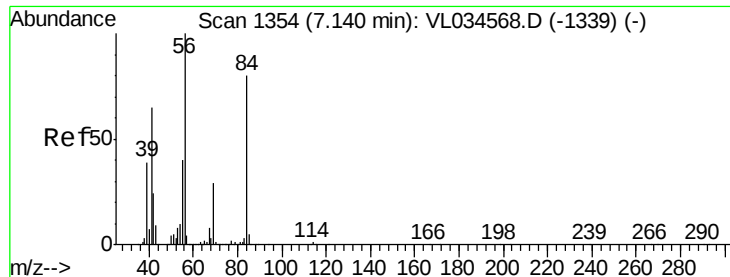
#29
Chloroform
Concen: 0.067 ppbv
RT: 5.74 min Scan# 920
Delta R.T. -0.01 min
Lab File: VL034641.D
Acq: 19 Feb 2020 2:18

Tgt Ion: 83 Resp: 13155
Ion Ratio Lower Upper
83 100
85 53.7 54.0 81.0#



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0

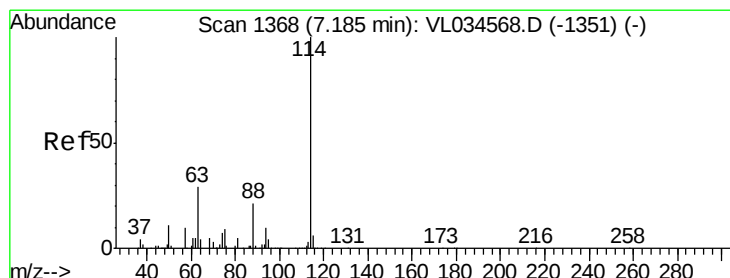
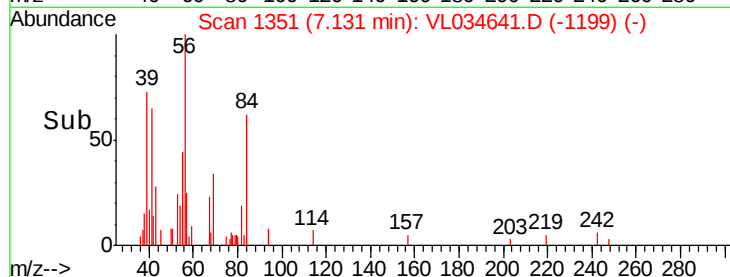
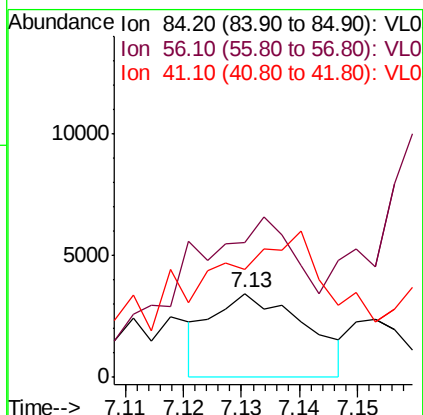
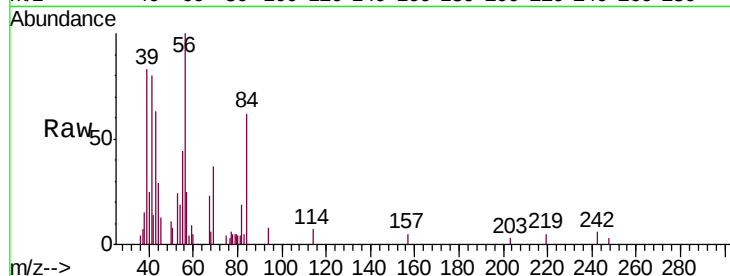




#30
Cyclohexane
Concen: 0.047 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. -0.01 min
Lab File: VL034641.D
Acq: 19 Feb 2020 2:18

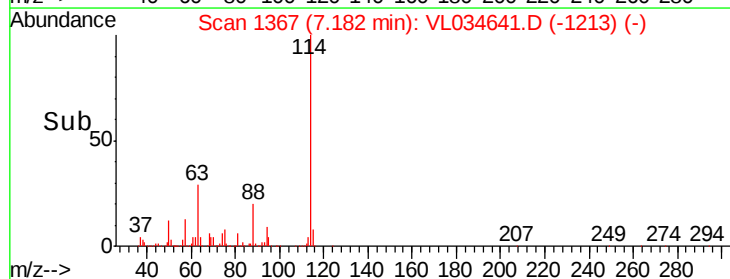
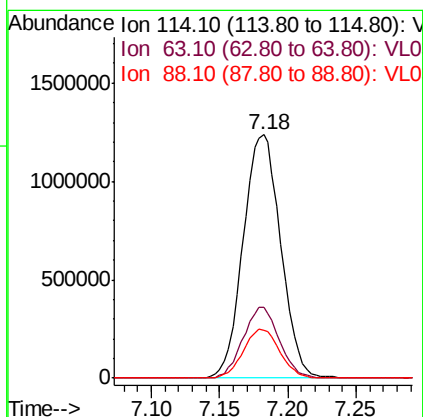
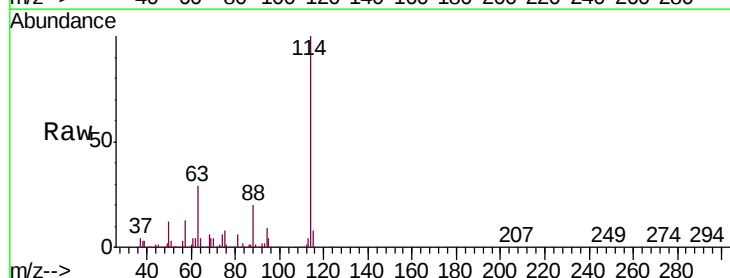
Instrument :
MSVOA_L
ClientSampleId :
SS-2

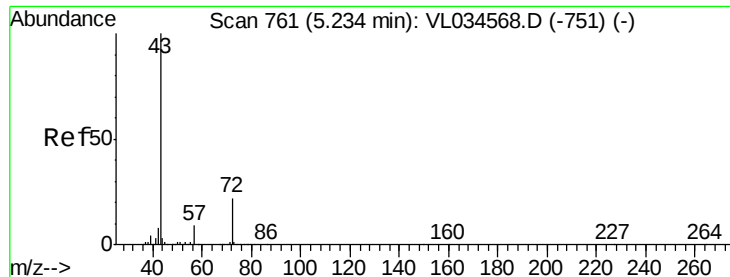
Tgt Ion: 84 Resp: 3860
Ion Ratio Lower Upper
84 100
56 0.0 110.5 165.7#
41 0.0 71.9 107.9#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VL034641.D
Acq: 19 Feb 2020 2:18

Tgt Ion: 114 Resp: 2359826
Ion Ratio Lower Upper
114 100
63 28.2 24.1 36.1
88 19.8 15.9 23.9

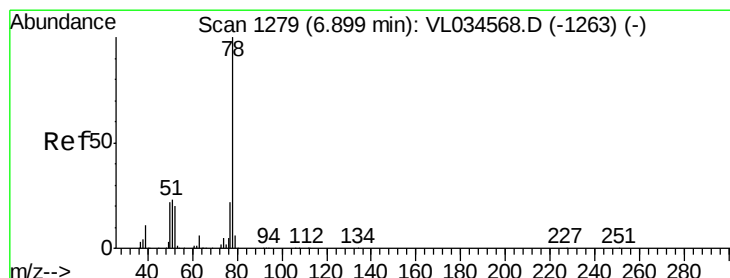
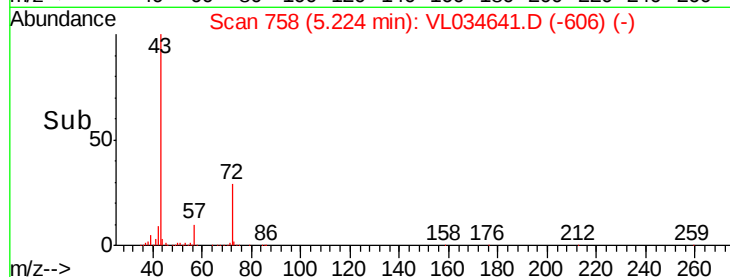
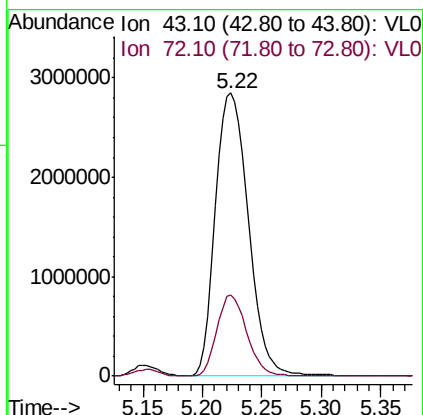
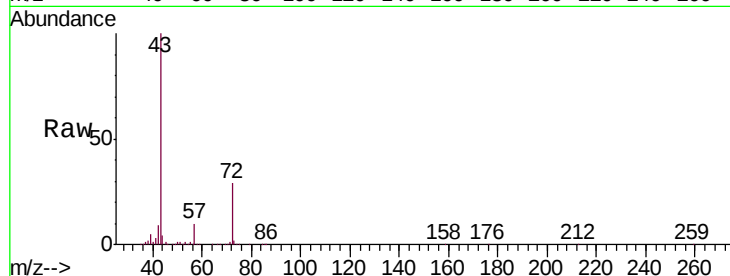




#34
 2-Butanone
 Concen: 31.972 ppbv
 RT: 5.22 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: VL034641.D
 Acq: 19 Feb 2020 2:18

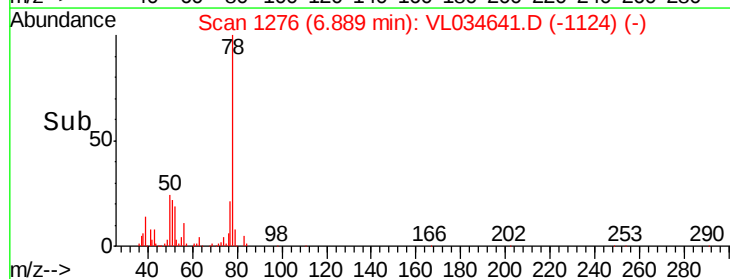
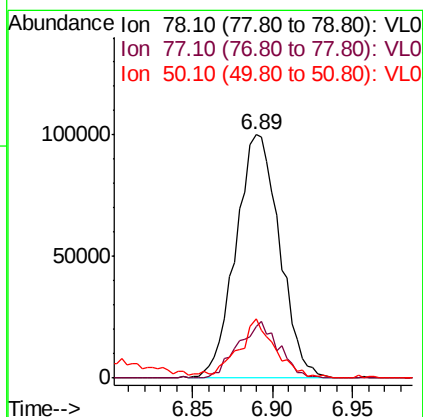
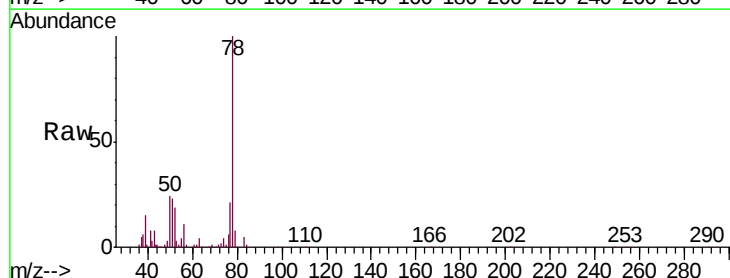
Instrument :
 MSVOA_L
 ClientSampleId :
 SS-2

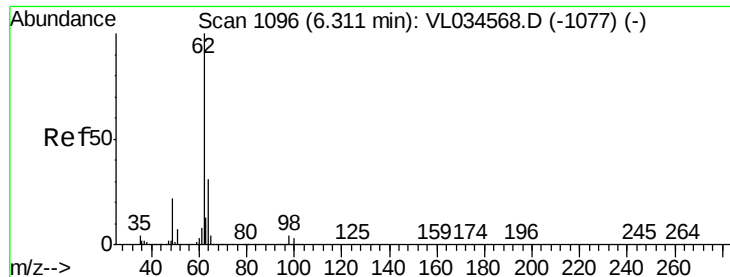
Tgt Ion: 43 Resp: 5478233
 Ion Ratio Lower Upper
 43 100
 72 26.2 17.2 25.8#



#36
 Benzene
 Concen: 0.888 ppbv
 RT: 6.89 min Scan# 1276
 Delta R.T. -0.01 min
 Lab File: VL034641.D
 Acq: 19 Feb 2020 2:18

Tgt Ion: 78 Resp: 186428
 Ion Ratio Lower Upper
 78 100
 77 20.8 17.3 25.9
 50 23.8 17.4 26.2

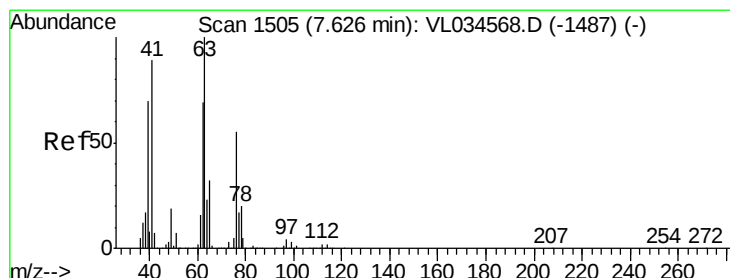
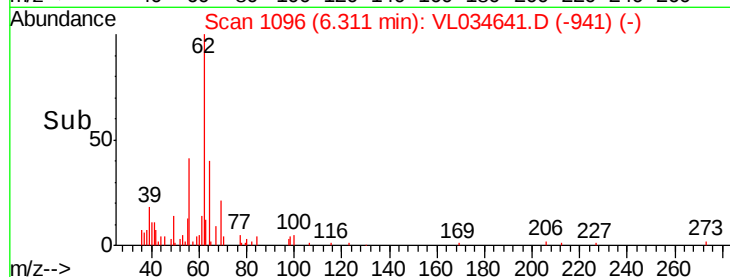
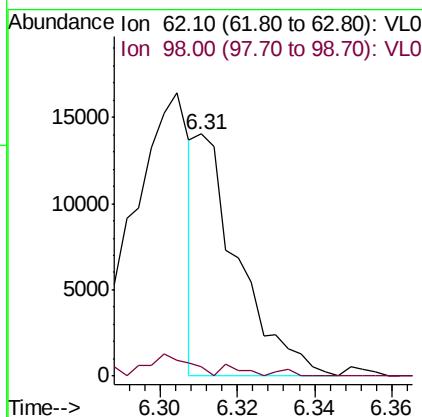
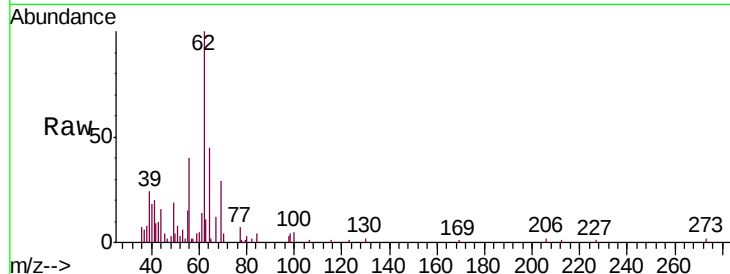




#37
 1,2-Dichloroethane
 Concen: 0.061 ppbv
 RT: 6.31 min Scan# 1096
 Delta R.T. -0.00 min
 Lab File: VL034641.D
 Acq: 19 Feb 2020 2:18

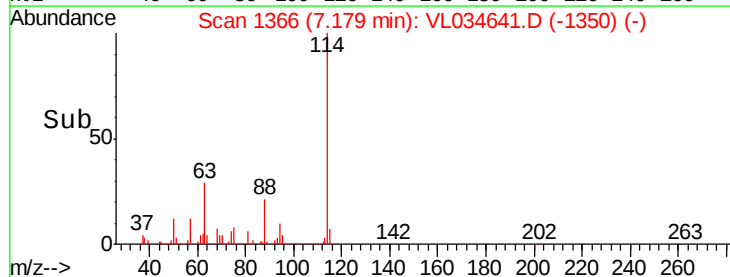
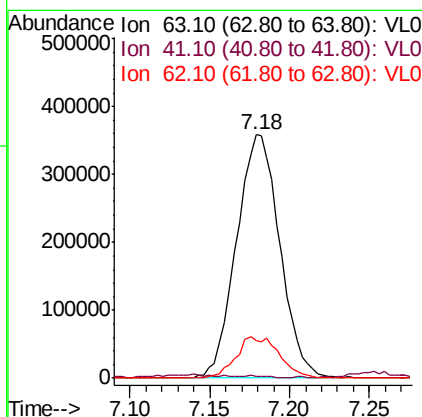
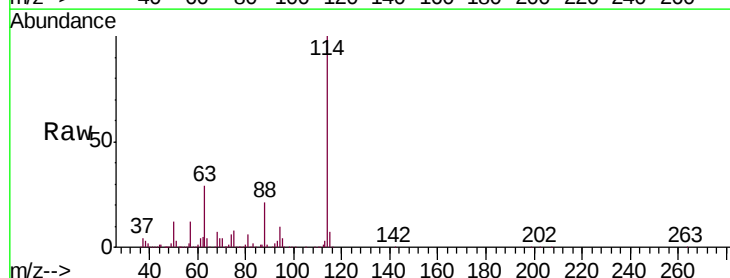
Instrument :
 MSVOA_L
 ClientSampled :
 SS-2

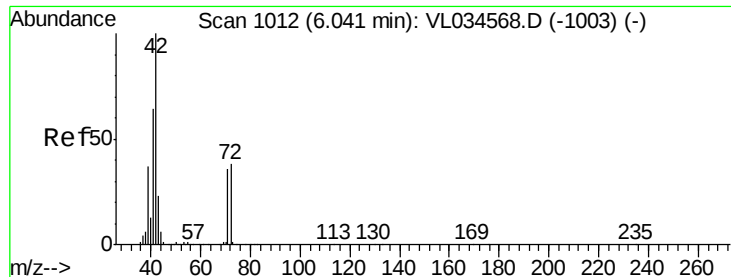
Tgt Ion: 62 Resp: 10678
 Ion Ratio Lower Upper
 62 100
 98 0.0 3.7 5.5#



#39
 1,2-Dichloropropane
 Concen: 7.616 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. -0.45 min
 Lab File: VL034641.D
 Acq: 19 Feb 2020 2:18

Tgt Ion: 63 Resp: 662558
 Ion Ratio Lower Upper
 63 100
 41 0.0 71.0 106.4#
 62 15.5 55.4 83.0#





#41

Tetrahydrofuran

Concen: 0.073 ppbv

RT: 6.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: VL034641.D

Acq: 19 Feb 2020 2:18

Instrument :

MSVOA_L

ClientSampled :

SS-2

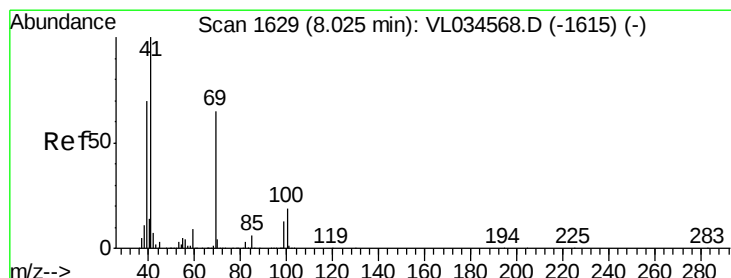
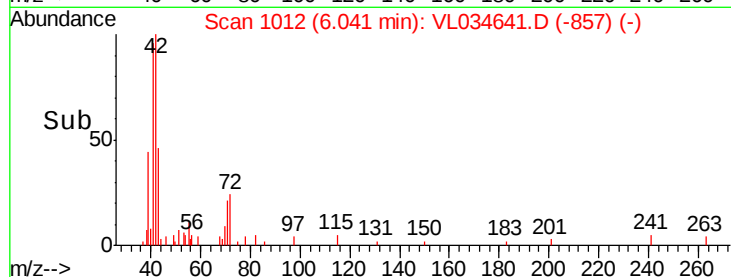
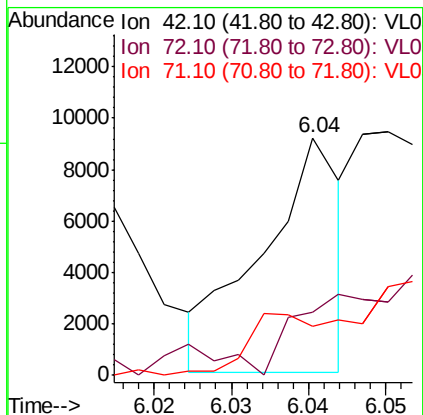
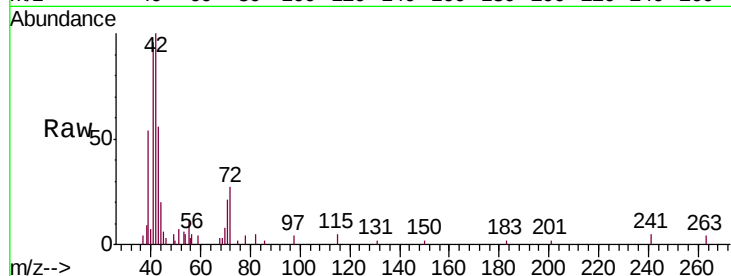
Tgt Ion: 42 Resp: 6533

Ion Ratio Lower Upper

42 100

72 0.0 31.8 47.8#

71 0.0 30.2 45.4#



#43

Methyl Methacrylate

Concen: 0.222 ppbv

RT: 8.02 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VL034641.D

Acq: 19 Feb 2020 2:18

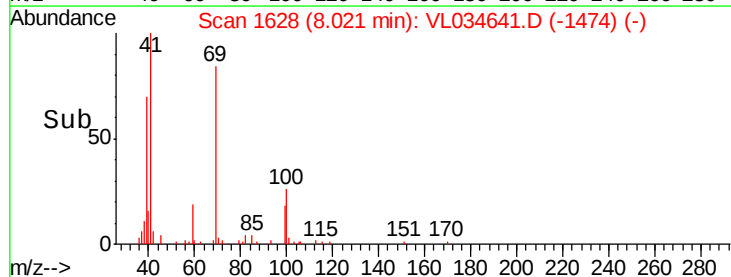
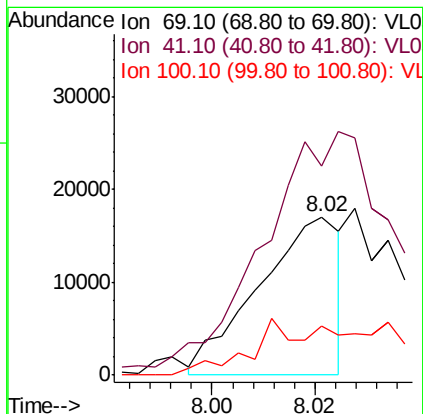
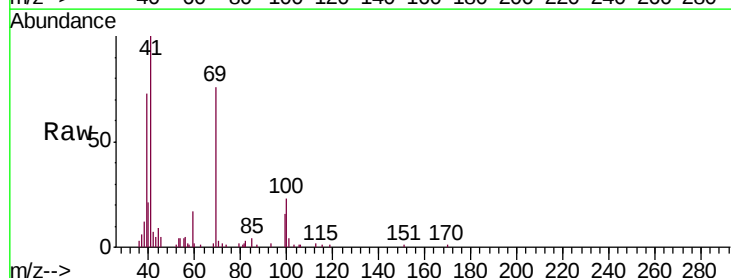
Tgt Ion: 69 Resp: 18700

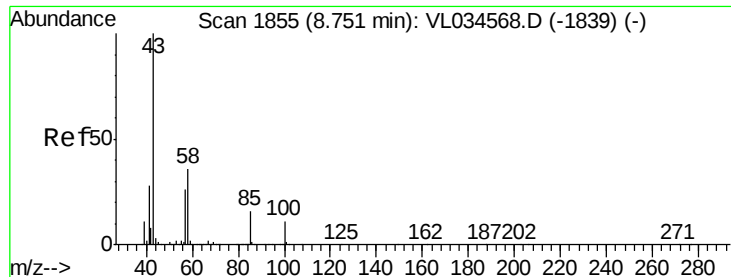
Ion Ratio Lower Upper

69 100

41 0.0 123.9 185.9#

100 55.7 24.1 36.1#

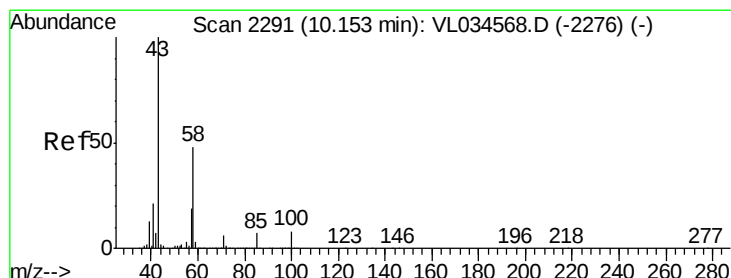
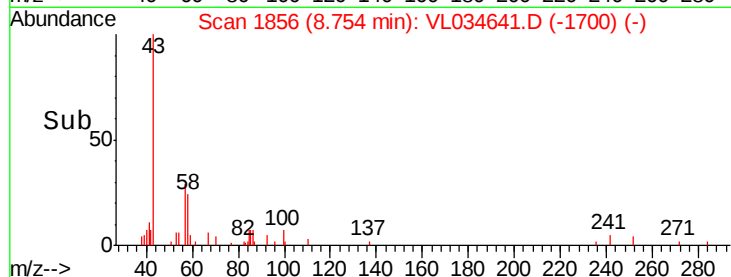
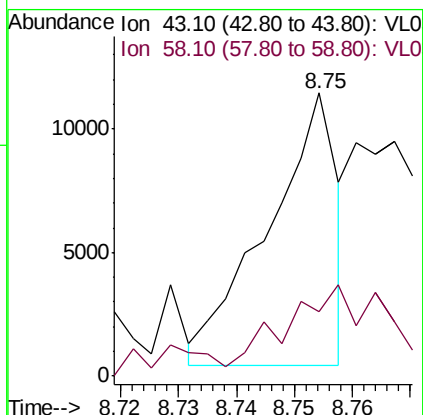
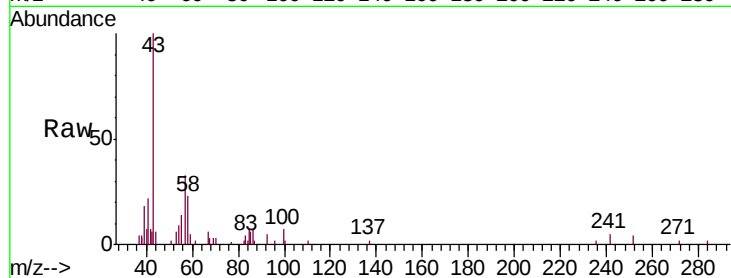




#50
 4-Methyl-2-Pentanone
 Concen: 0.038 ppbv
 RT: 8.75 min Scan# 1856
 Delta R.T. 0.00 min
 Lab File: VL034641.D
 Acq: 19 Feb 2020 2:18

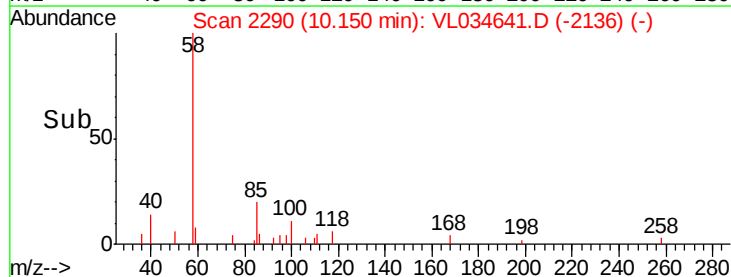
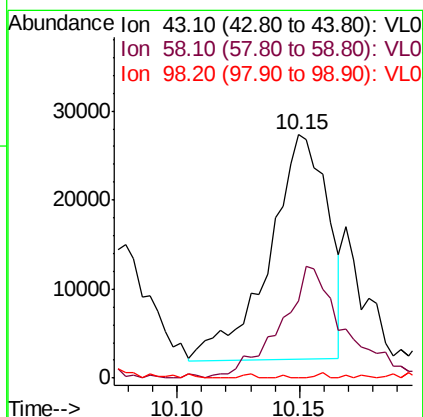
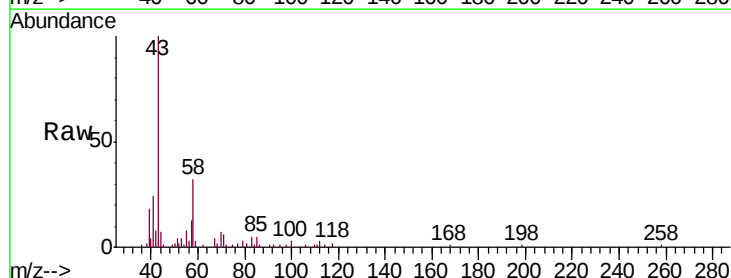
Instrument :
 MSVOA_L
 ClientSampleId :
 SS-2

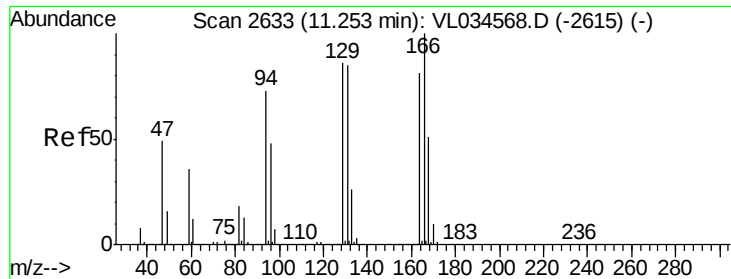
Tgt Ion: 43 Resp: 9189
 Ion Ratio Lower Upper
 43 100
 58 79.2 28.6 43.0#



#51
 2-Hexanone
 Concen: 0.219 ppbv
 RT: 10.15 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: VL034641.D
 Acq: 19 Feb 2020 2:18

Tgt Ion: 43 Resp: 42154
 Ion Ratio Lower Upper
 43 100
 58 56.4 37.9 56.9
 98 0.0 0.3 0.5#





#52

Tetrachloroethene

Concen: 0.611 ppbv

RT: 11.24 min Scan# 2630

Delta R.T. -0.01 min

Lab File: VL034641.D

Acq: 19 Feb 2020 2:18

Instrument :

MSVOA_L

ClientSampleId :

SS-2

Tgt Ion:164 Resp: 51522

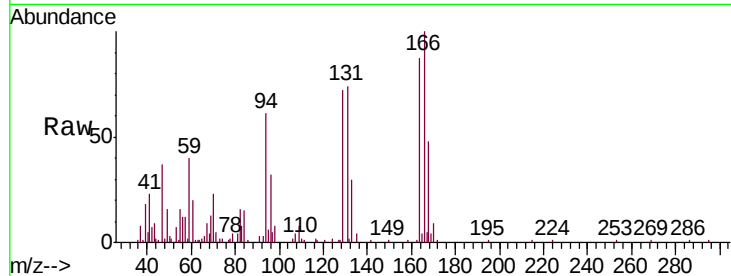
Ion Ratio Lower Upper

164 100

166 114.8 99.0 148.4

129 81.2 85.3 127.9#

131 85.4 84.2 126.2

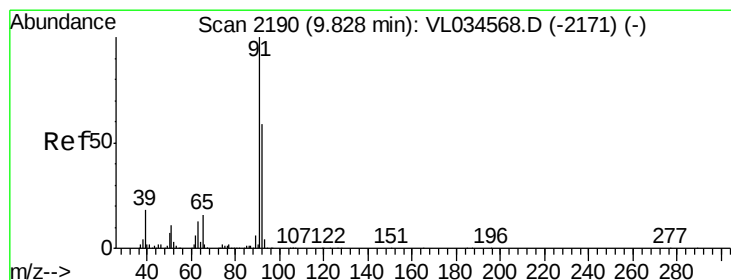
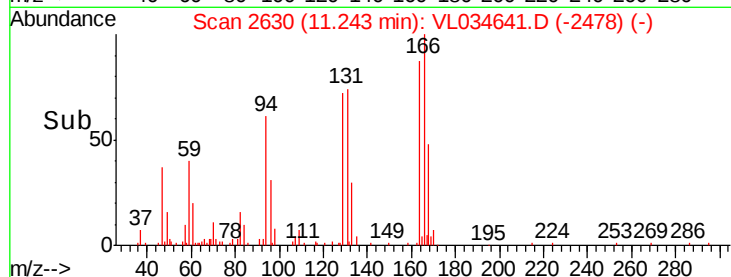
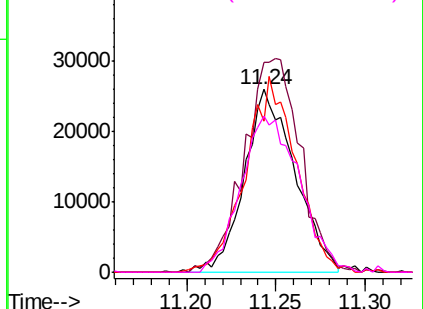


Abundance Ion 163.90 (163.60 to 164.60): V

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: 12.117 ppbv

RT: 9.82 min Scan# 2188

Delta R.T. -0.01 min

Lab File: VL034641.D

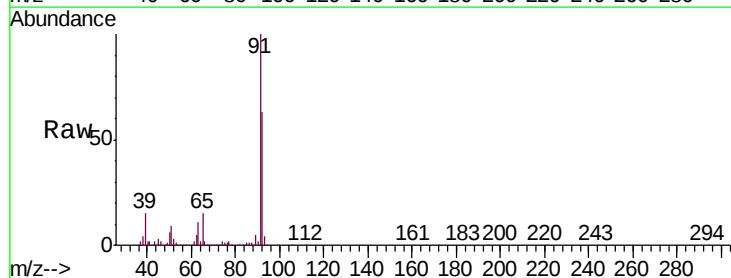
Acq: 19 Feb 2020 2:18

Tgt Ion: 91 Resp: 2793521

Ion Ratio Lower Upper

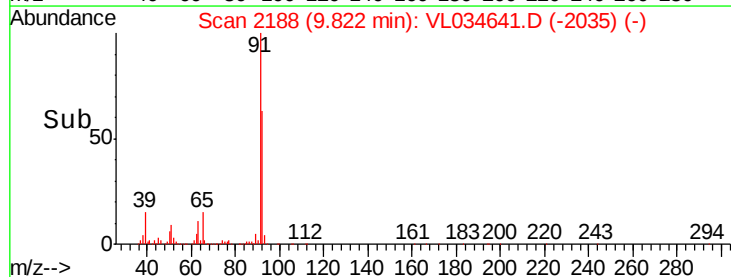
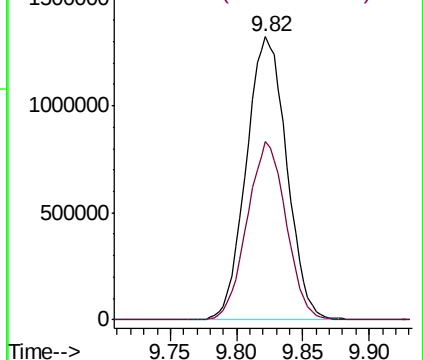
91 100

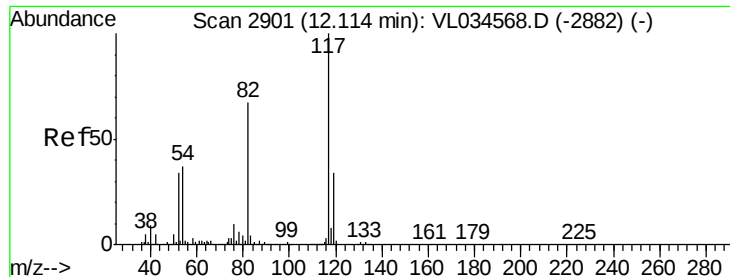
92 60.8 48.2 72.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

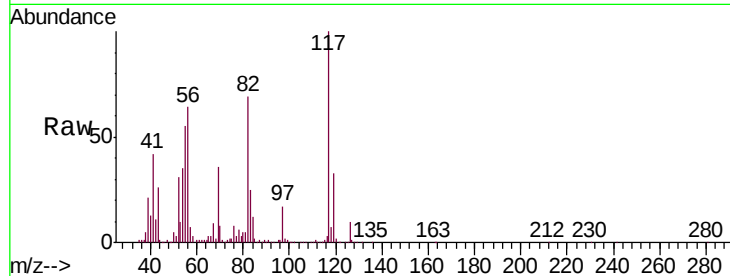




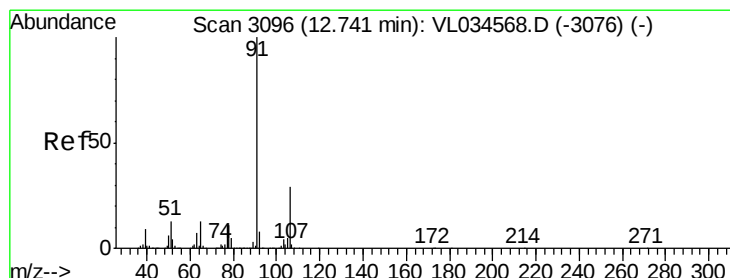
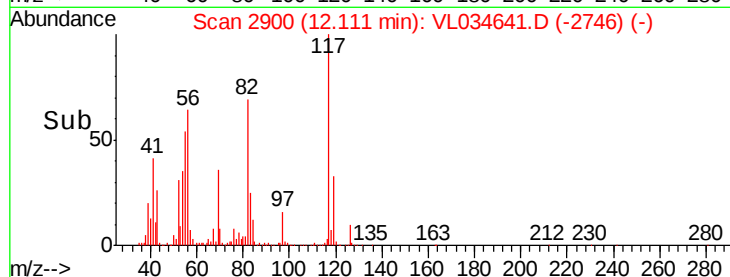
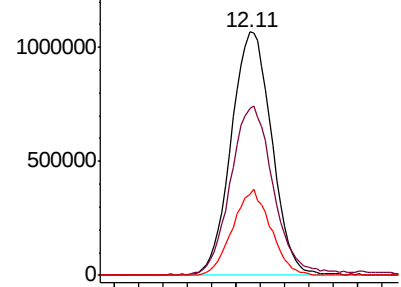
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. -0.00 min
Lab File: VL034641.D
Acq: 19 Feb 2020 2:18

Instrument :
MSVOA_L
ClientSampleId :
SS-2

Tgt Ion:117 Resp: 2444665
Ion Ratio Lower Upper
117 100
82 75.8 54.2 81.4
119 33.4 26.1 39.1

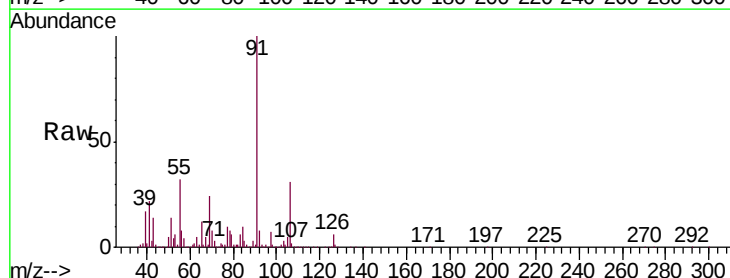


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

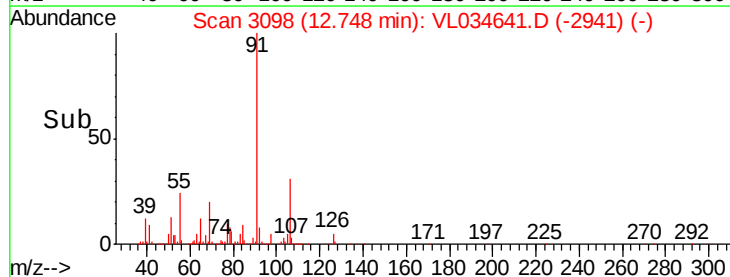
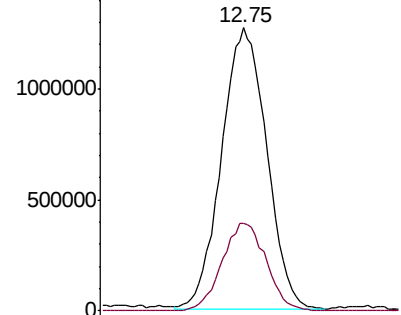


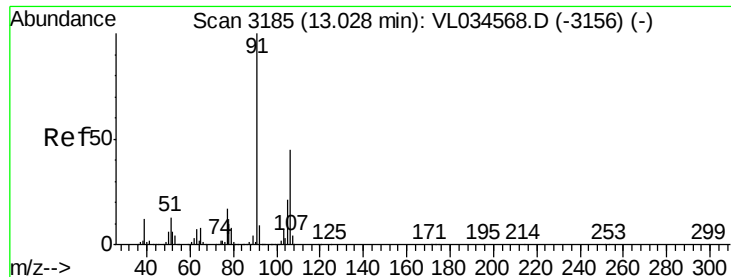
#58
Ethyl Benzene
Concen: 9.636 ppbv
RT: 12.75 min Scan# 3098
Delta R.T. 0.01 min
Lab File: VL034641.D
Acq: 19 Feb 2020 2:18

Tgt Ion: 91 Resp: 3152234
Ion Ratio Lower Upper
91 100
106 31.2 23.3 34.9



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V

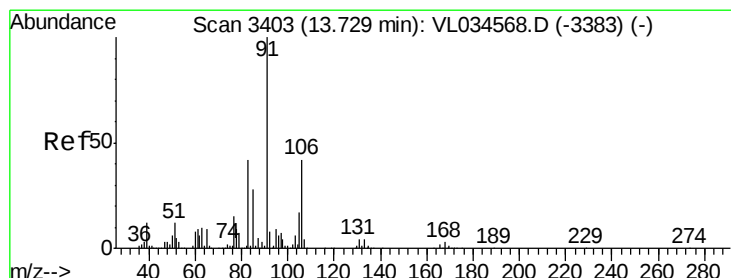
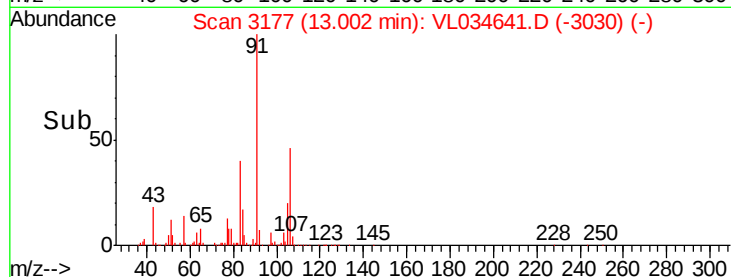
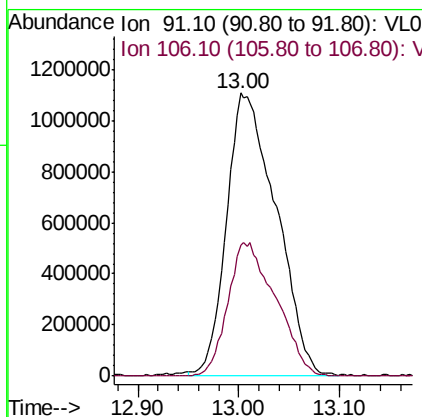
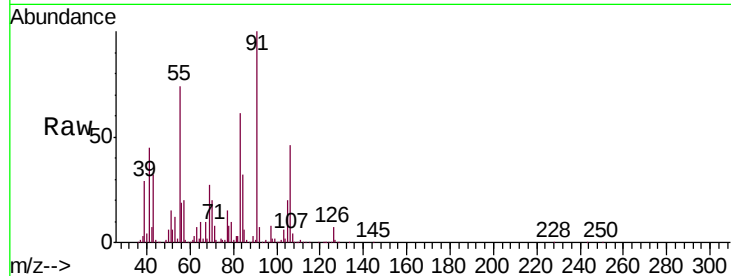




#59
m/p-Xylene
Concen: 12.961 ppbv
RT: 13.00 min Scan# 3177
Delta R.T. -0.03 min
Lab File: VL034641.D
Acq: 19 Feb 2020 2:18

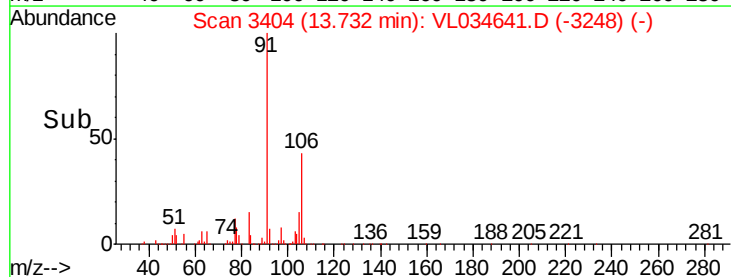
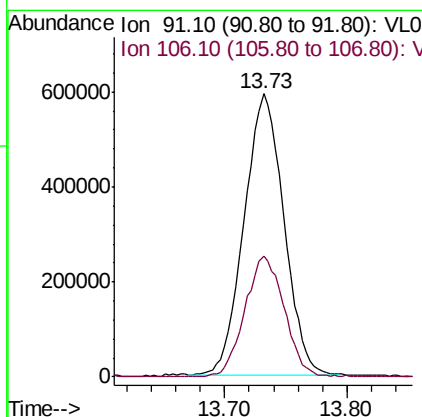
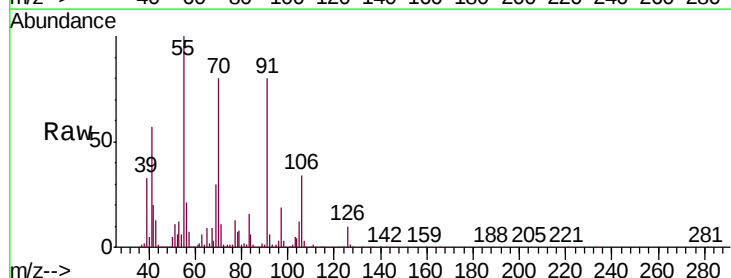
Instrument :
MSVOA_L
ClientSampleId :
SS-2

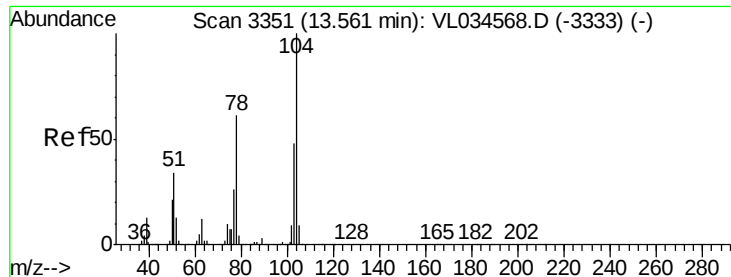
Tgt Ion: 91 Resp: 3748160
Ion Ratio Lower Upper
91 100
106 46.3 35.3 52.9



#60
o-Xylene
Concen: 4.582 ppbv
RT: 13.73 min Scan# 3404
Delta R.T. 0.00 min
Lab File: VL034641.D
Acq: 19 Feb 2020 2:18

Tgt Ion: 91 Resp: 1330786
Ion Ratio Lower Upper
91 100
106 42.9 21.6 65.0





#61

Styrene

Concen: 70.429 ppbv

RT: 13.58 min Scan# 3357

Delta R.T. 0.02 min

Lab File: VL034641.D

Acq: 19 Feb 2020 2:18

Instrument :

MSVOA_L

ClientSampleId :

SS-2

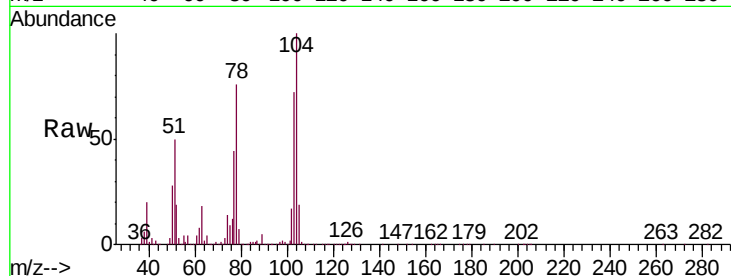
Tgt Ion:104 Resp:13638018

Ion Ratio Lower Upper

104 100

78 67.9 47.0 70.6

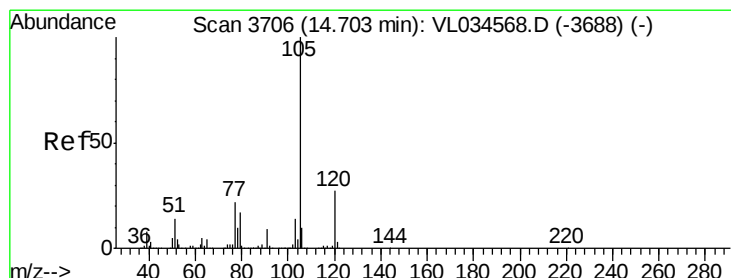
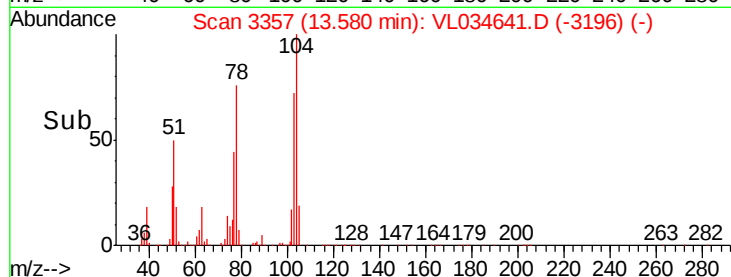
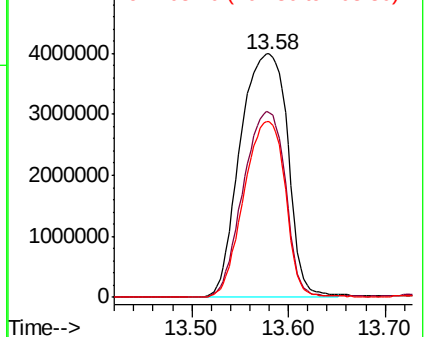
103 63.2 38.5 57.7#



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: 46.411 ppbv

RT: 14.72 min Scan# 3712

Delta R.T. 0.02 min

Lab File: VL034641.D

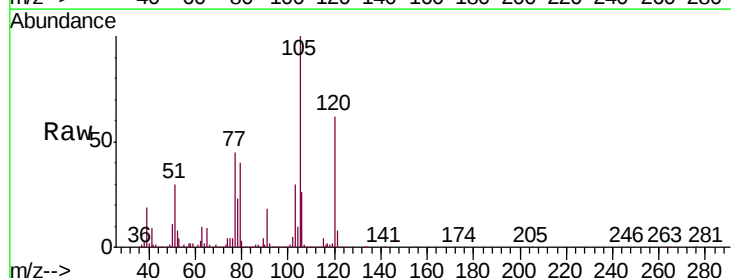
Acq: 19 Feb 2020 2:18

Tgt Ion:105 Resp:17466073

Ion Ratio Lower Upper

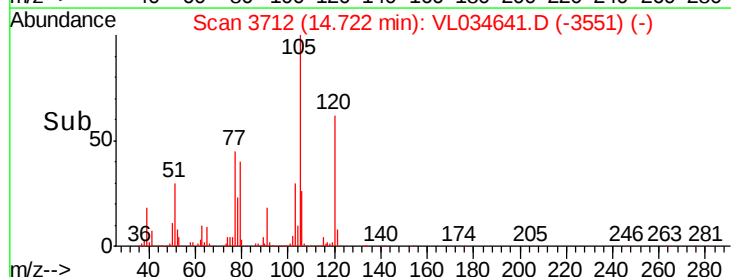
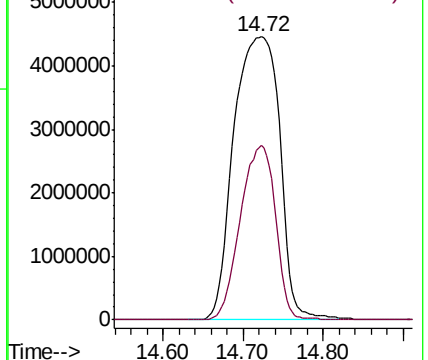
105 100

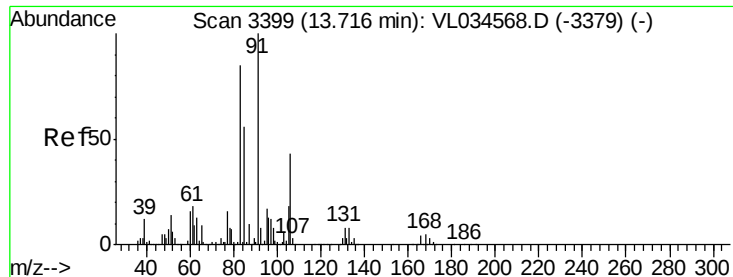
120 47.1 20.7 31.1#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#63

1,1,2,2-Tetrachloroethane

Concen: 0.347 ppbv

RT: 13.72 min Scan# 3399

Delta R.T. -0.00 min

Lab File: VL034641.D

Acq: 19 Feb 2020 2:18

Instrument :

MSVOA_L

ClientSampleId :

SS-2

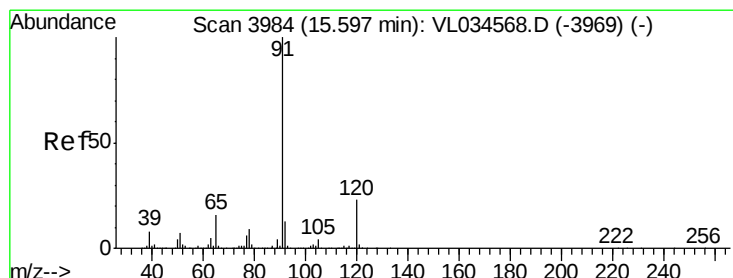
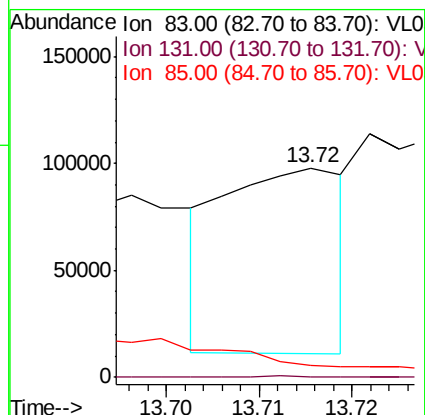
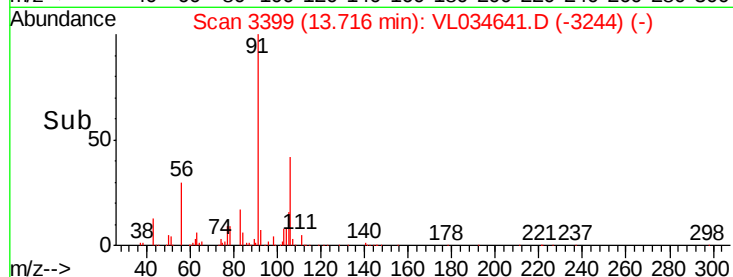
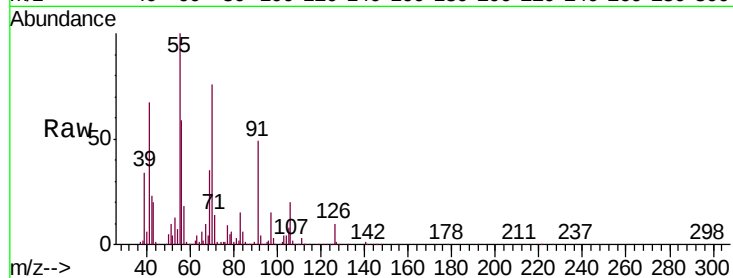
Tgt Ion: 83 Resp: 78022

Ion Ratio Lower Upper

83 100

131 0.3 4.9 14.6#

85 0.0 32.6 98.0#



#64

n-propylbenzene

Concen: 0.174 ppbv

RT: 15.60 min Scan# 3985

Delta R.T. 0.00 min

Lab File: VL034641.D

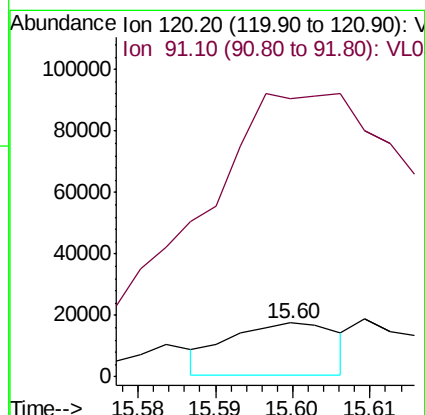
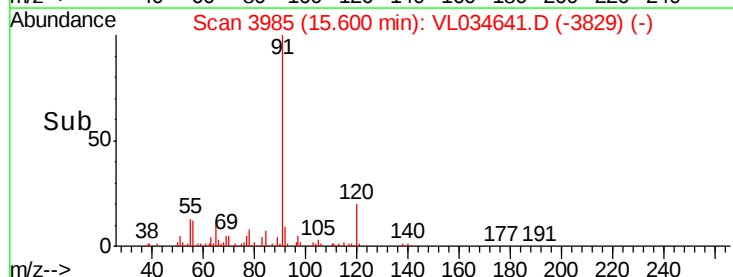
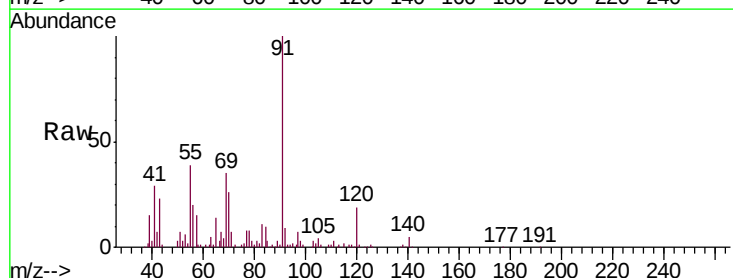
Acq: 19 Feb 2020 2:18

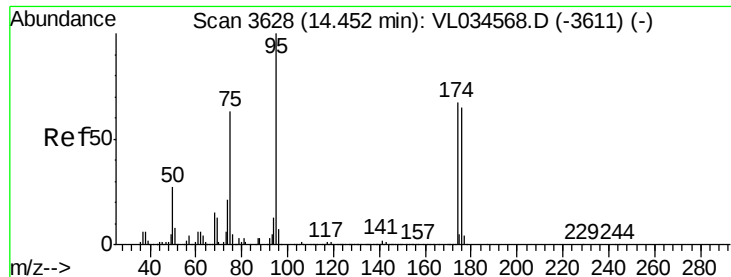
Tgt Ion: 120 Resp: 16831

Ion Ratio Lower Upper

120 100

91 1295.8 365.3 547.9#

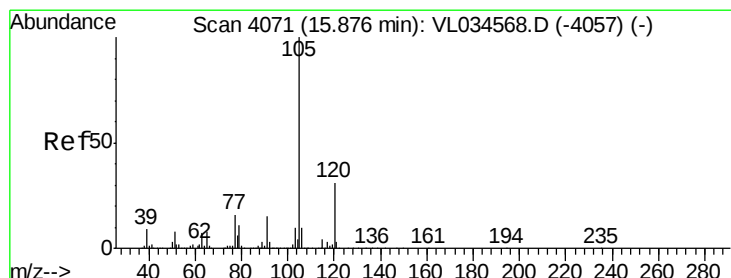
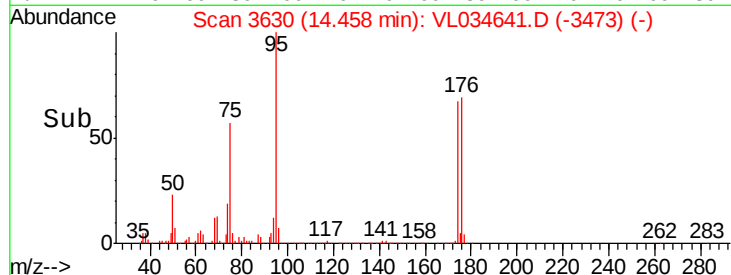
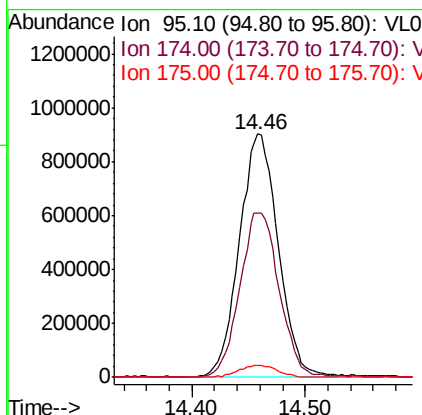
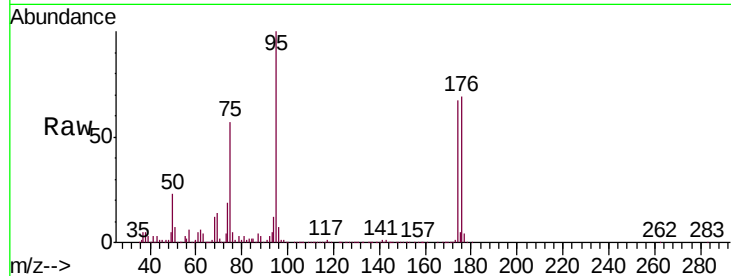




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.407 ppbv
 RT: 14.46 min Scan# 3630
 Delta R.T. 0.01 min
 Lab File: VL034641.D
 Acq: 19 Feb 2020 2:18

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-2

Tgt Ion: 95 Resp: 2150170
 Ion Ratio Lower Upper
 95 100
 174 69.2 52.3 78.5
 175 5.0 3.8 5.6



#72
 4-Ethyltoluene
 Concen: 0.609 ppbv
 RT: 15.88 min Scan# 4073
 Delta R.T. 0.01 min
 Lab File: VL034641.D
 Acq: 19 Feb 2020 2:18

Tgt Ion: 105 Resp: 194354
 Ion Ratio Lower Upper
 105 100
 120 28.6 23.8 35.6
 91 16.0 11.8 17.8
 77 21.9 13.0 19.6#

