

Data File : VL031983.D

Acq On : 4 May 2018 4:45

Operator : SY/AP

Sample : J2629-03

Misc : 400ml/MSVOA_L

ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SG3

Quant Time: May 04 05:53:00 2018

Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL050318AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 03 15:52:13 2018

QLast Update : Thu May 03 15:52:13 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.89	49	1179504	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.42	114	2191907	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.39	117	2333381	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.72	95	1849213	10.22	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.20%

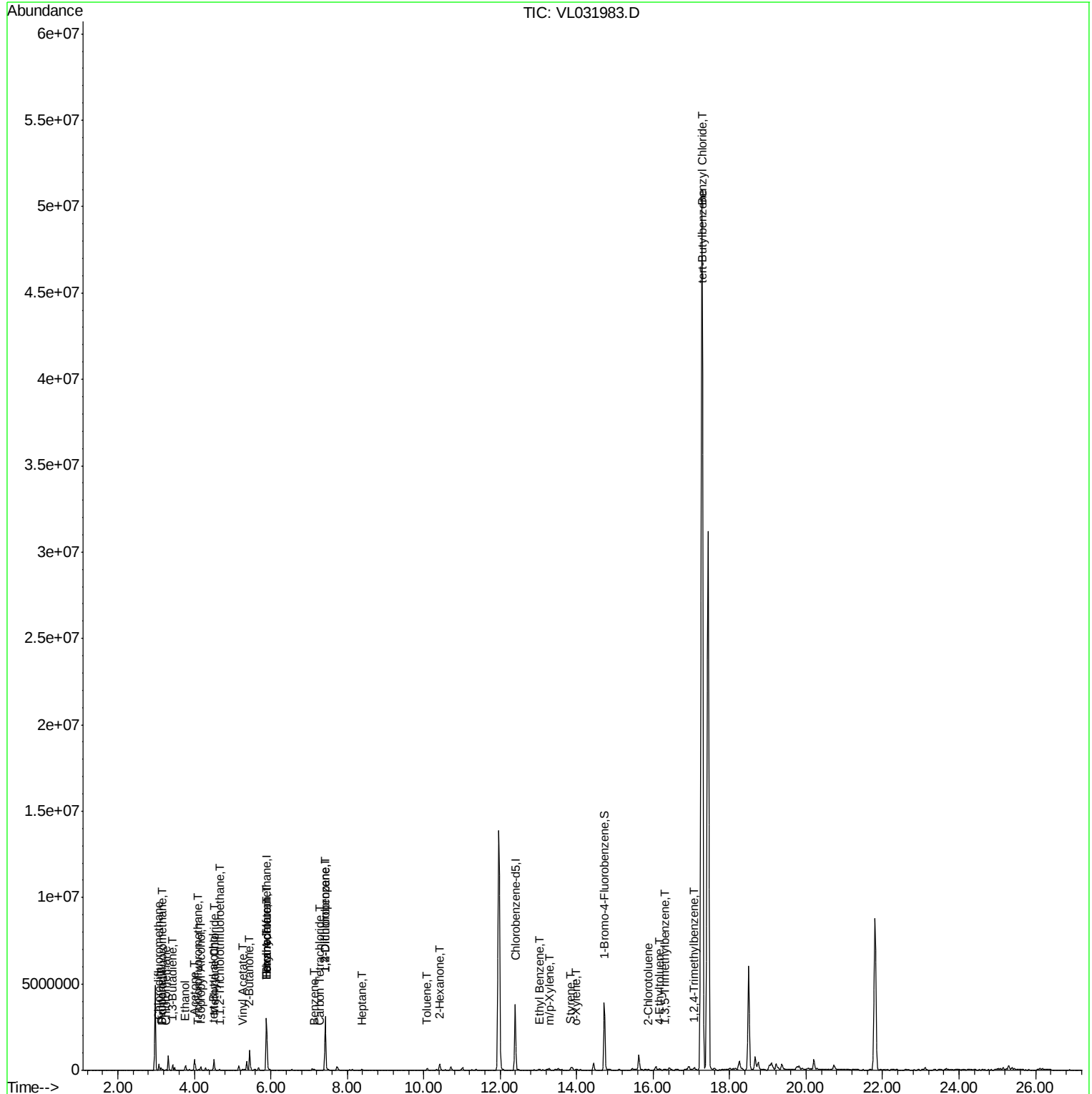
Target Compounds

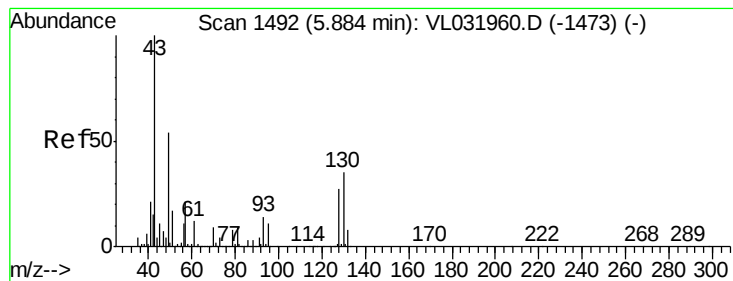
						Qvalue
2) Dichlorodifluoromethane	3.16	85	28838	0.19	ppbv	90
3) Chlorodifluoromethane	3.07	51	242640	2.19	ppbv #	63
4) Chloromethane	3.26	50	9754	0.17	ppbv	100
9) Propene	3.13	41	46509	1.14	ppbv	97
10) Heptane	8.38	43	8830	0.06	ppbv #	54
11) Trichlorofluoromethane	4.11	101	41315	0.22	ppbv	89
12) 1,1,2-Trichlorotrifluoroet	4.66	101	7568	0.06	ppbv	89
13) Ethanol	3.77	45	337197	22.20	ppbv #	100
15) Acetone	4.00	43	652532	3.91	ppbv #	73
16) 1,3-Butadiene	3.43	39	82985	1.55	ppbv #	19
17) tert-Butyl alcohol	4.49	59	28939	0.42	ppbv #	72
19) Isopropyl Alcohol	4.15	45	13558	0.15	ppbv #	1
20) Methylene Chloride	4.52	84	201153	3.57	ppbv	99
23) Vinyl Acetate	5.26	43	26805	0.14	ppbv #	59
25) Ethyl Acetate	5.90	43	268750	0.94	ppbv #	79
26) Hexane	5.90	57	383036	2.85	ppbv #	43
34) 2-Butanone	5.45	43	1315447	7.28	ppbv	100
35) Carbon Tetrachloride	7.27	117	10142	0.06	ppbv #	79
36) Benzene	7.14	78	33161	0.16	ppbv #	82
39) 1,2-Dichloropropane	7.42	63	580483	8.08	ppbv #	24
41) Tetrahydrofuran	5.90	42	144387	1.83	ppbv #	50
51) 2-Hexanone	10.41	43	307646	1.98	ppbv #	99
53) Toluene	10.09	91	34106	0.15	ppbv #	56
58) Ethyl Benzene	13.02	91	18949	0.06	ppbv #	85
59) m/p-Xylene	13.30	91	14396	0.05	ppbv #	31
60) o-Xylene	14.00	91	18153	0.06	ppbv #	33
61) Styrene	13.84	104	4590	0.08	ppbv #	1
65) tert-Butylbenzene	17.28	119	953682	2.94	ppbv #	19
66) Benzyl Chloride	17.30	91	4340	0.15	ppbv #	1
71) 2-Chlorotoluene	15.87	91	21042	0.08	ppbv #	46
72) 4-Ethyltoluene	16.15	105	16040	0.06	ppbv #	61
73) 1,3,5-Trimethylbenzene	16.31	105	16026	0.06	ppbv	96
74) 1,2,4-Trimethylbenzene	17.08	105	101025	0.34	ppbv #	63

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

ALS Vial : 1 Sample Multiplier: 1

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.89 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VL031983.D

Acq: 4 May 2018 4:45

Instrument :

MSVOA_L

ClientSampleId :

SG3

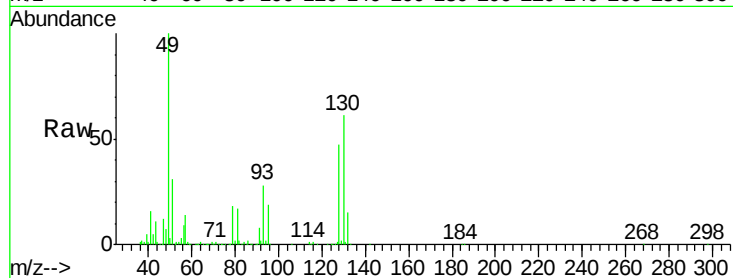
Tgt Ion: 49 Resp: 1179504

Ion Ratio Lower Upper

49 100

128 48.7 24.1 72.3

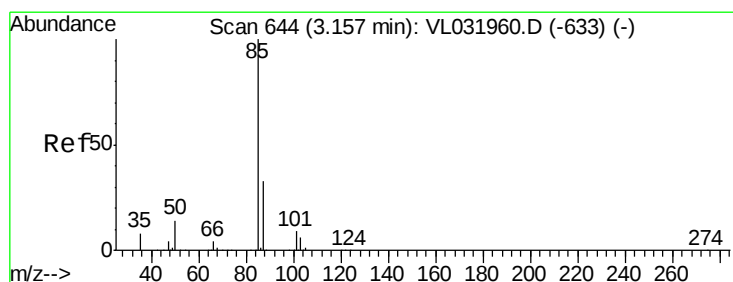
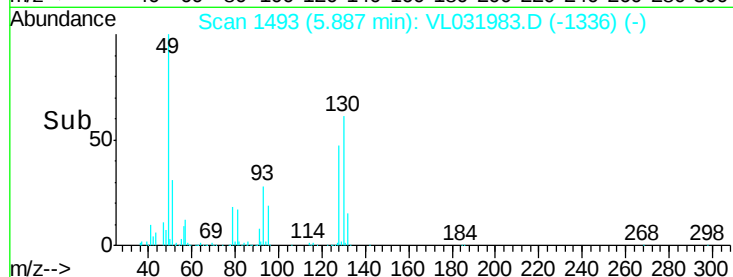
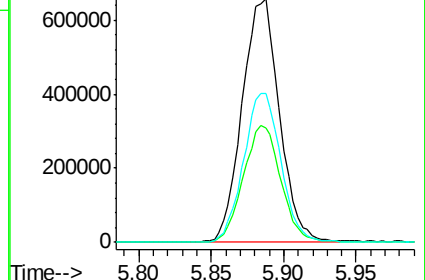
130 61.6 30.7 92.1



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: 0.19 ppbv

RT: 3.16 min Scan# 645

Delta R.T. 0.00 min

Lab File: VL031983.D

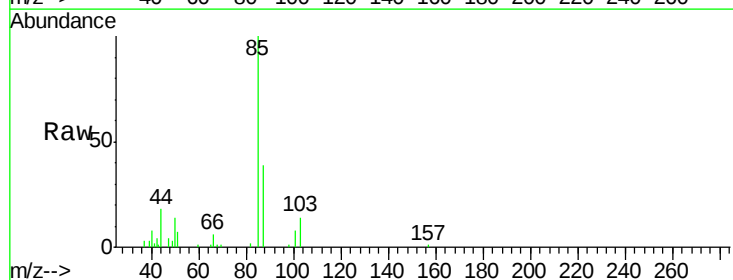
Acq: 4 May 2018 4:45

Tgt Ion: 85 Resp: 28838

Ion Ratio Lower Upper

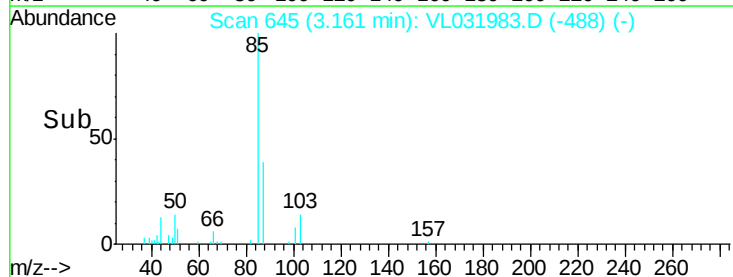
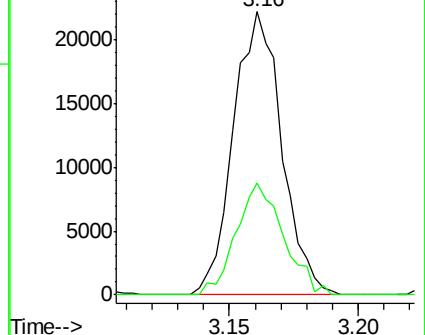
85 100

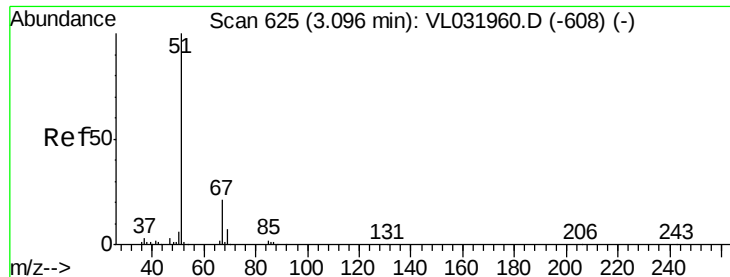
87 39.4 26.8 40.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 2.19 ppbv

RT: 3.07 min Scan# 617

Delta R.T. -0.03 min

Lab File: VL031983.D

Acq: 4 May 2018 4:45

Instrument :

MSVOA_L

ClientSampleId :

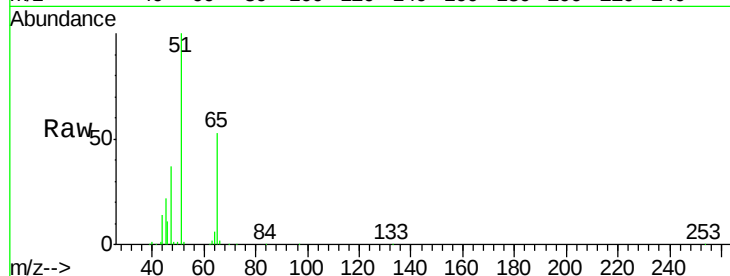
SG3

Tgt Ion: 51 Resp: 242640

Ion Ratio Lower Upper

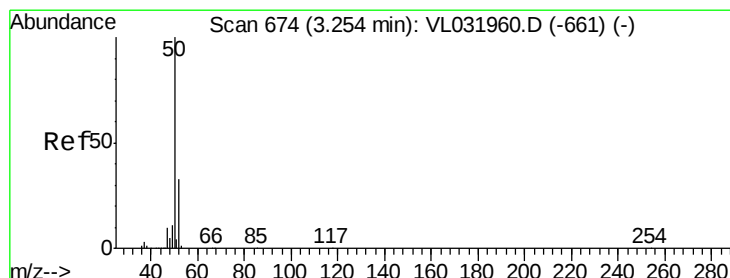
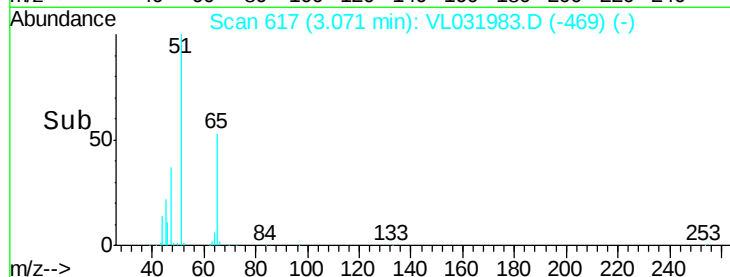
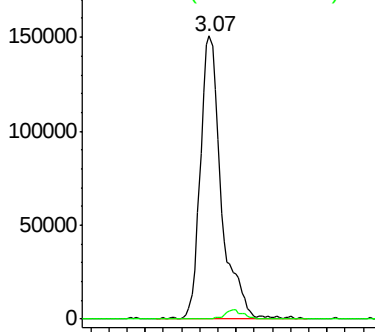
51 100

67 2.8 15.9 23.9#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.17 ppbv

RT: 3.26 min Scan# 675

Delta R.T. 0.00 min

Lab File: VL031983.D

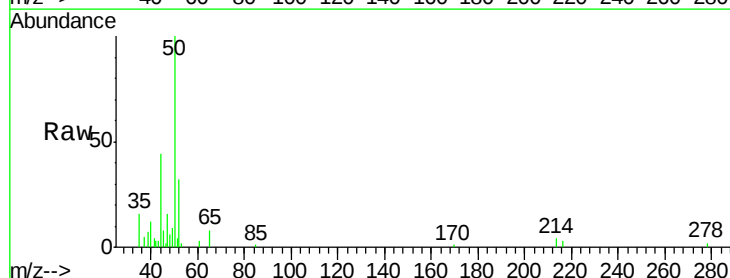
Acq: 4 May 2018 4:45

Tgt Ion: 50 Resp: 9754

Ion Ratio Lower Upper

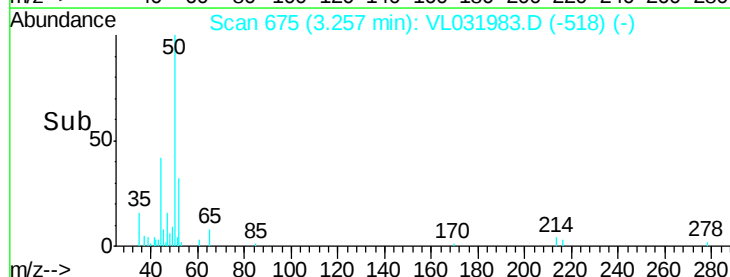
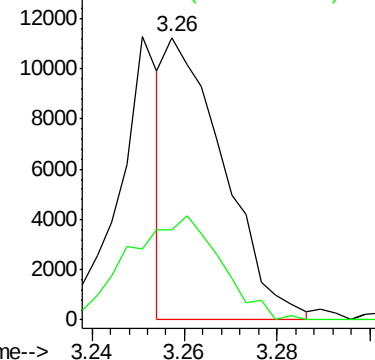
50 100

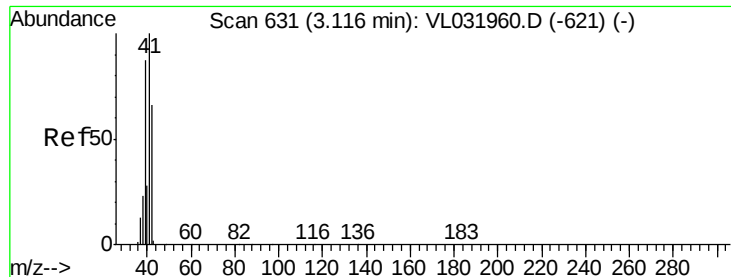
52 33.0 26.6 39.8



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 1.14 ppbv

RT: 3.13 min Scan# 635

Delta R.T. 0.01 min

Lab File: VL031983.D

Acq: 4 May 2018 4:45

Instrument :

MSVOA_L

ClientSampleId :

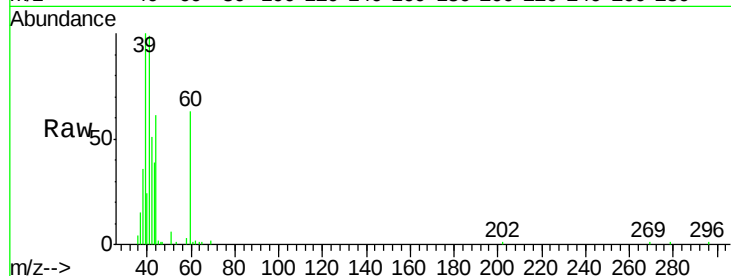
SG3

Tgt Ion: 41 Resp: 46509

Ion Ratio Lower Upper

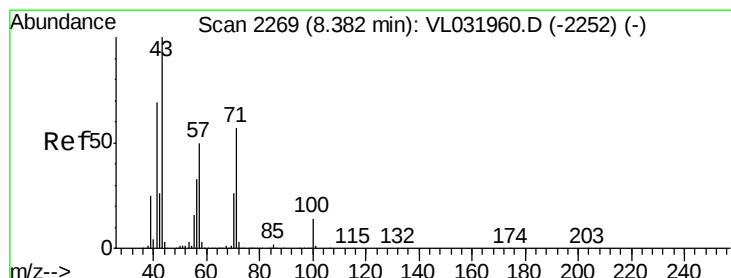
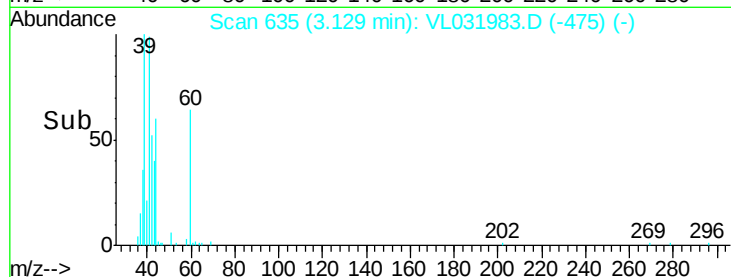
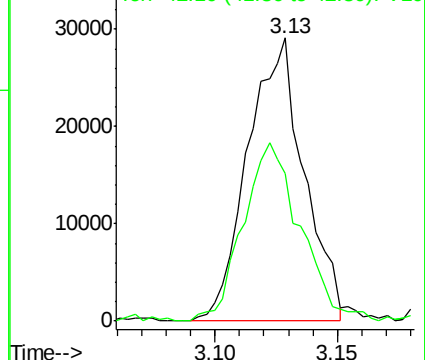
41 100

42 65.3 53.9 80.9



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



#10

Heptane

Concen: 0.06 ppbv

RT: 8.38 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VL031983.D

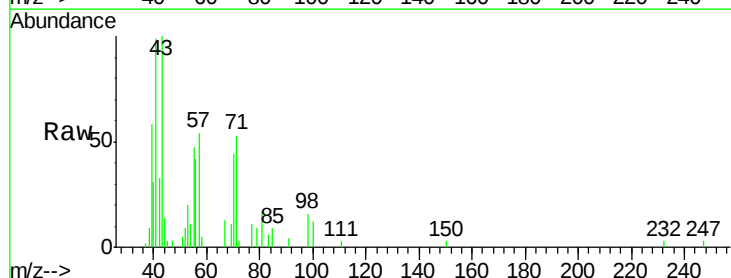
Acq: 4 May 2018 4:45

Tgt Ion: 43 Resp: 8830

Ion Ratio Lower Upper

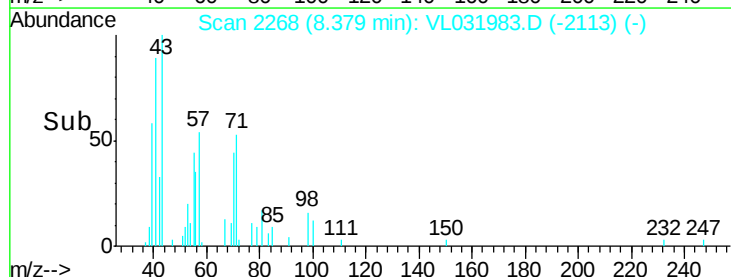
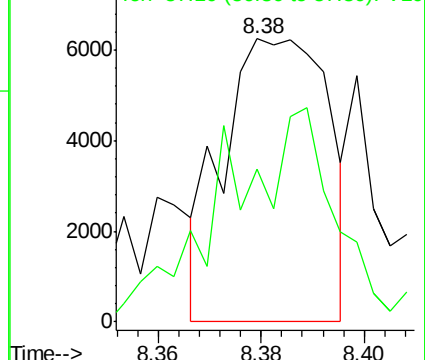
43 100

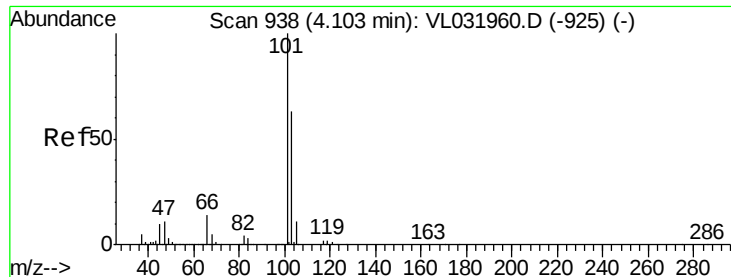
57 83.2 40.7 61.1#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

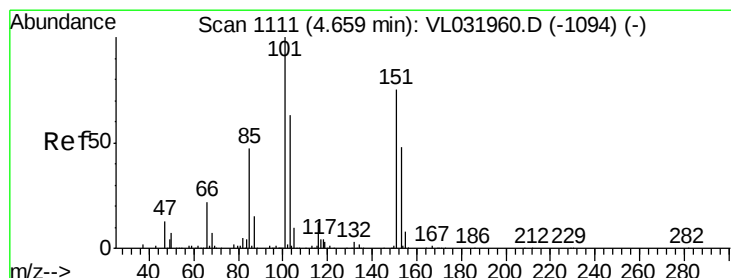
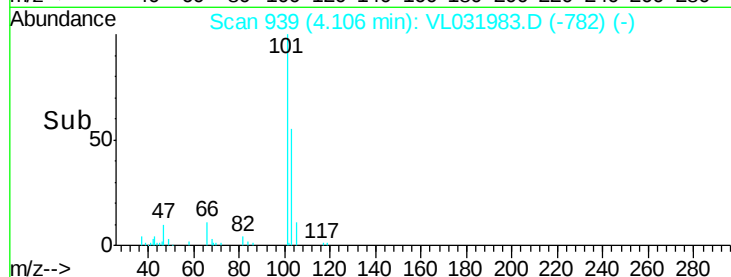
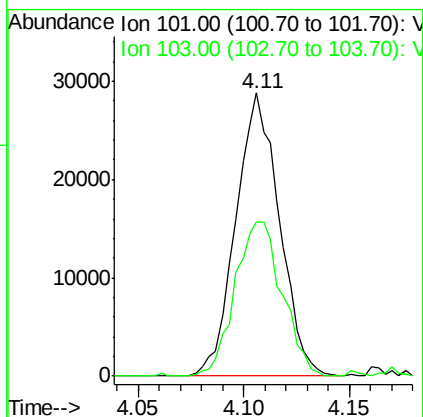
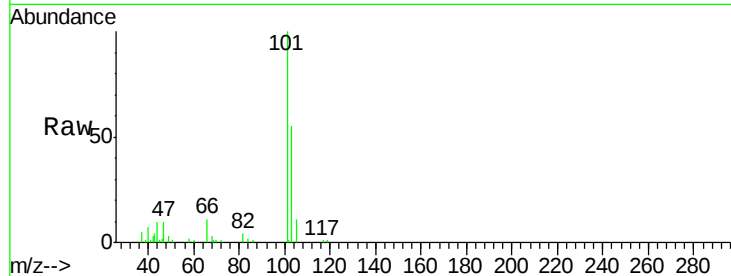




#11
 Trichlorofluoromethane
 Concen: 0.22 ppbv
 RT: 4.11 min Scan# 939
 Delta R.T. 0.00 min
 Lab File: VL031983.D
 Acq: 4 May 2018 4:45

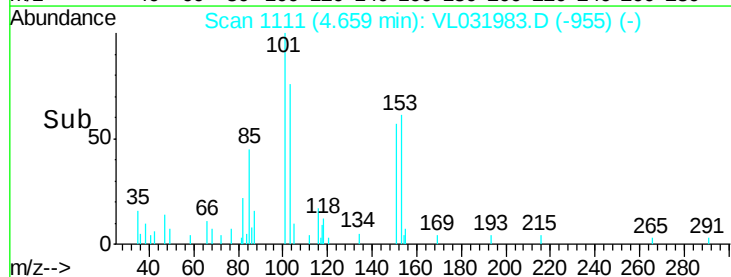
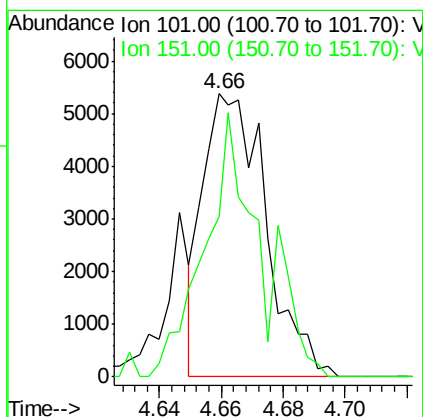
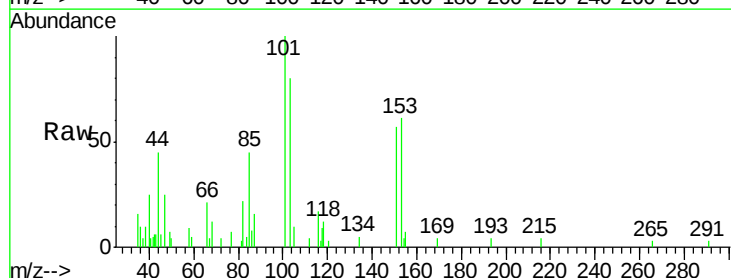
Instrument :
 MSVOA_L
 ClientSampleId :
 SG3

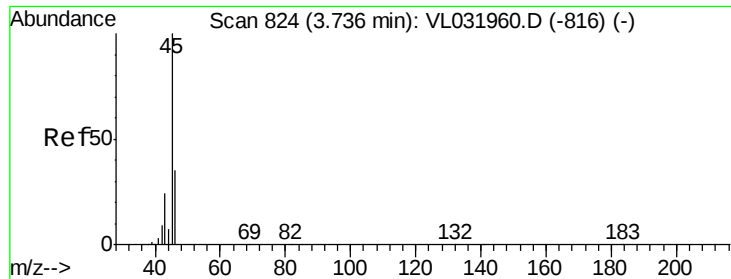
Tgt Ion:101 Resp: 41315
 Ion Ratio Lower Upper
 101 100
 103 54.7 50.7 76.1



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.06 ppbv
 RT: 4.66 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: VL031983.D
 Acq: 4 May 2018 4:45

Tgt Ion:101 Resp: 7568
 Ion Ratio Lower Upper
 101 100
 151 85.0 60.2 90.2





#13

Ethanol

Concen: 22.20 ppbv

RT: 3.77 min Scan# 833

Delta R.T. 0.03 min

Lab File: VL031983.D

Acq: 4 May 2018 4:45

Instrument :

MSVOA_L

ClientSampled :

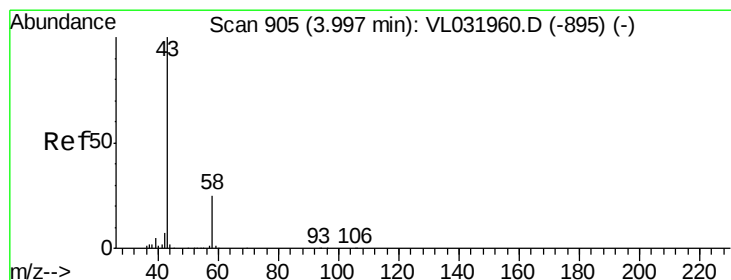
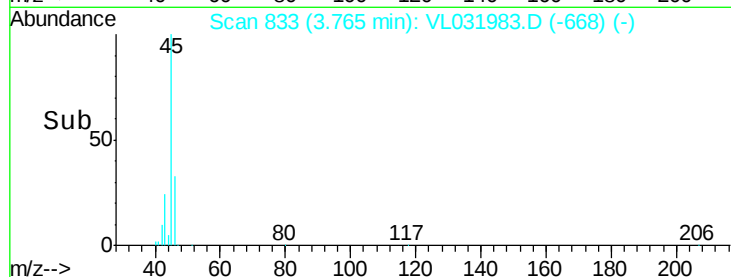
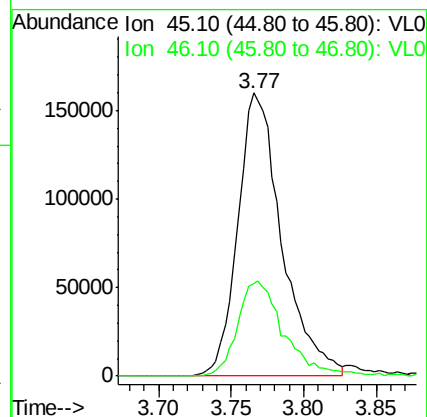
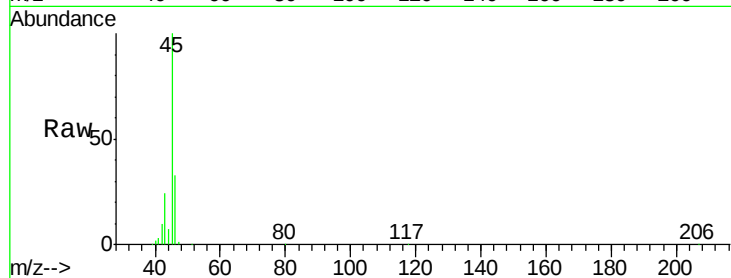
SG3

Tgt Ion: 45 Resp: 337197

Ion Ratio Lower Upper

45 100

46 35.9 0.0 0.0#



#15

Acetone

Concen: 3.91 ppbv

RT: 4.00 min Scan# 906

Delta R.T. 0.00 min

Lab File: VL031983.D

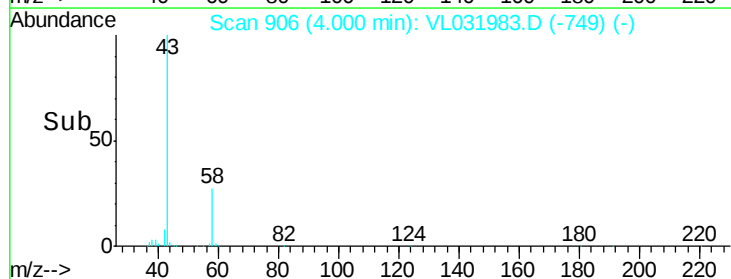
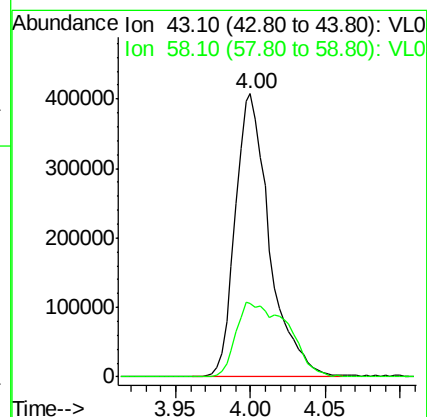
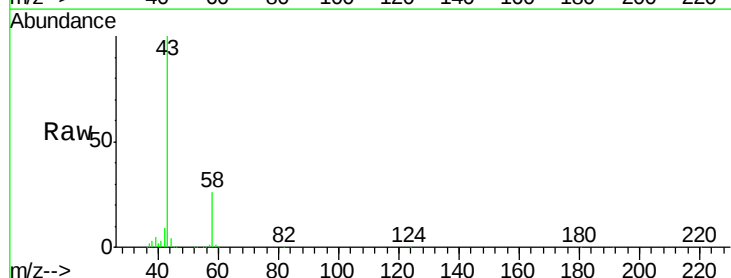
Acq: 4 May 2018 4:45

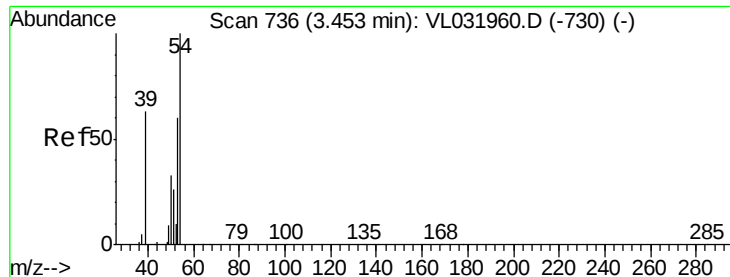
Tgt Ion: 43 Resp: 652532

Ion Ratio Lower Upper

43 100

58 40.2 21.1 31.7#

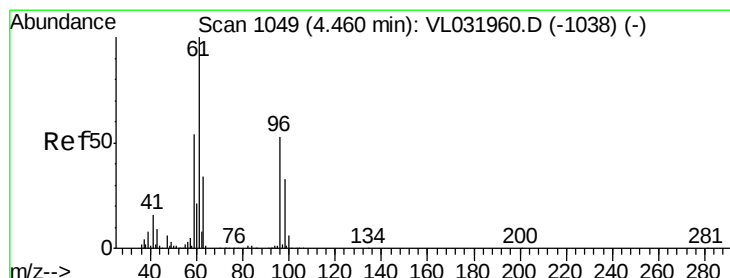
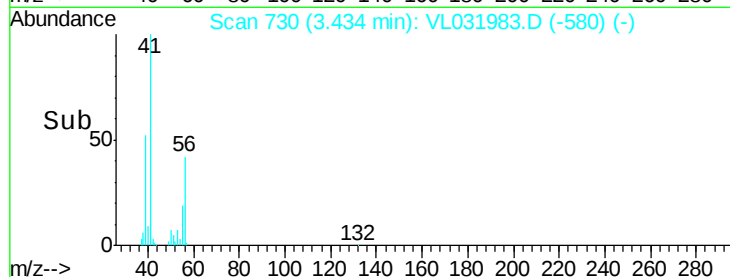
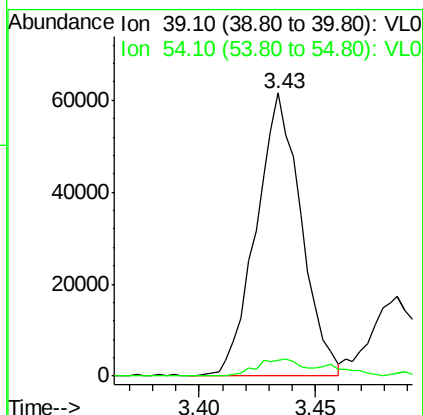
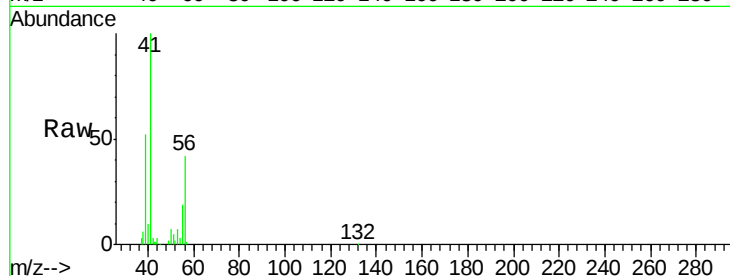




#16
1,3-Butadiene
Concen: 1.55 ppbv
RT: 3.43 min Scan# 730
Delta R.T. -0.02 min
Lab File: VL031983.D
Acq: 4 May 2018 4:45

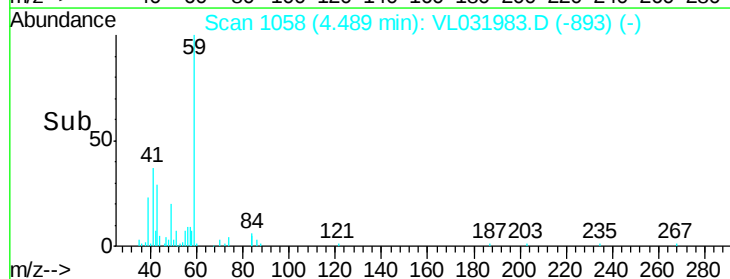
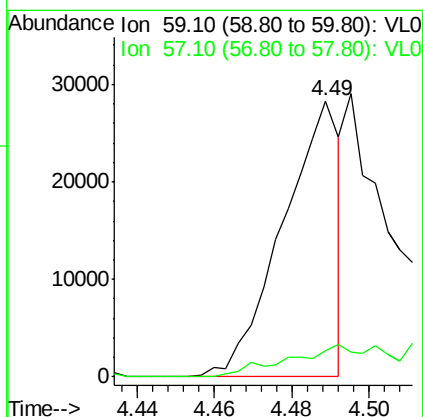
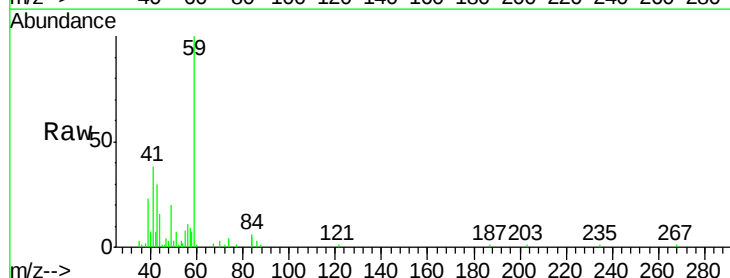
Instrument :
MSVOA_L
ClientSampleId :
SG3

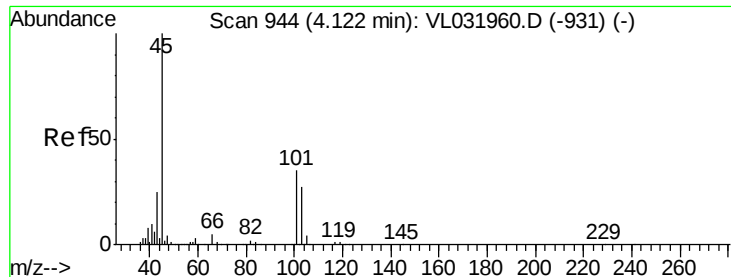
Tgt Ion: 39 Resp: 82985
Ion Ratio Lower Upper
39 100
54 9.6 66.2 99.2#



#17
tert-Butyl alcohol
Concen: 0.42 ppbv
RT: 4.49 min Scan# 1058
Delta R.T. 0.03 min
Lab File: VL031983.D
Acq: 4 May 2018 4:45

Tgt Ion: 59 Resp: 28939
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#19

Isopropyl Alcohol

Concen: 0.15 ppbv

RT: 4.15 min Scan# 952

Delta R.T. 0.03 min

Lab File: VL031983.D

Acq: 4 May 2018 4:45

Instrument :

MSVOA_L

ClientSampleId :

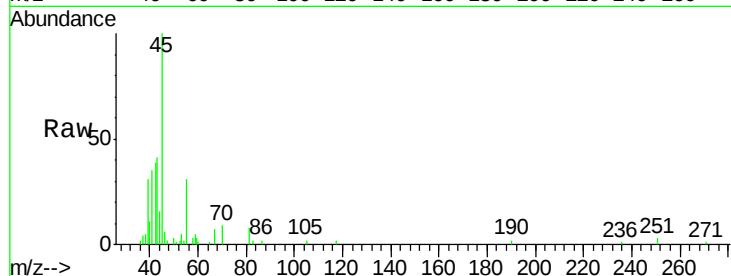
SG3

Tgt Ion: 45 Resp: 13558

Ion Ratio Lower Upper

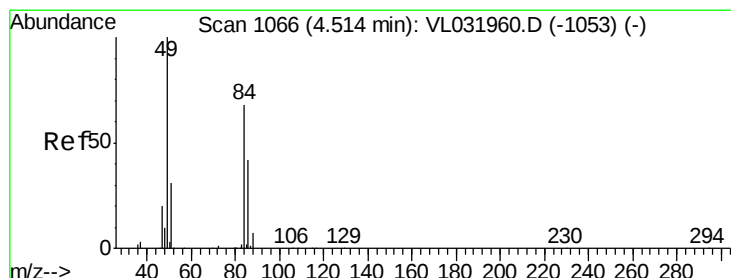
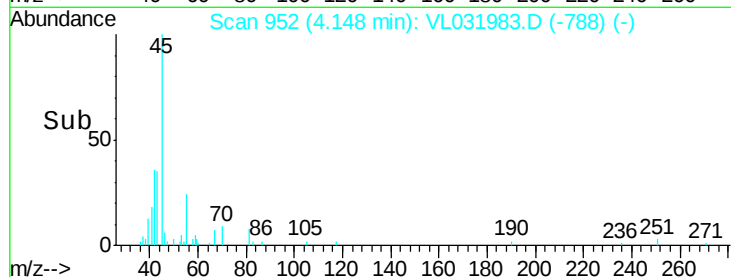
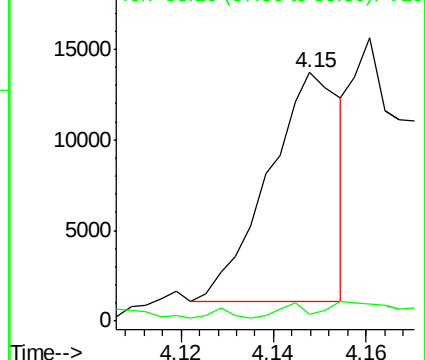
45 100

58 1933.9 1.4 2.2#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 3.57 ppbv

RT: 4.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VL031983.D

Acq: 4 May 2018 4:45

Tgt Ion: 84 Resp: 201153

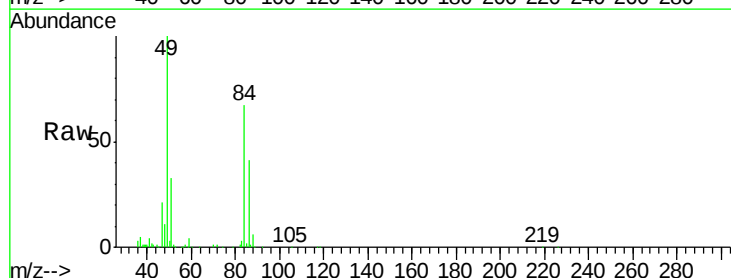
Ion Ratio Lower Upper

84 100

49 148.1 118.6 178.0

51 48.8 36.6 54.8

86 61.5 49.8 74.8

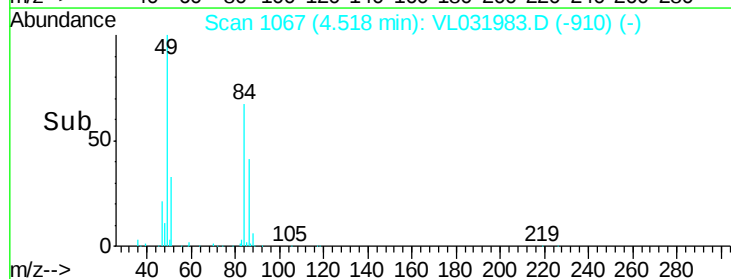
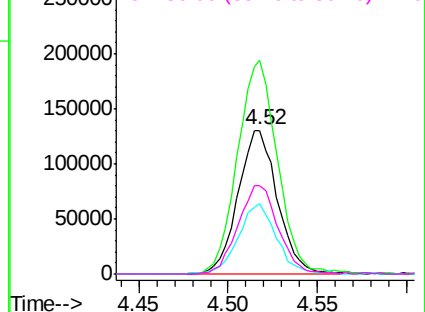


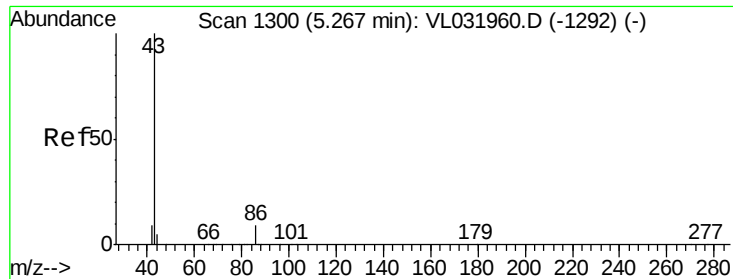
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0





#23

Vinyl Acetate

Concen: 0.14 ppbv

RT: 5.26 min Scan# 1299

Delta R.T. -0.00 min

Lab File: VL031983.D

Acq: 4 May 2018 4:45

Instrument :

MSVOA_L

ClientSampleId :

SG3

Tgt Ion: 43 Resp: 26805

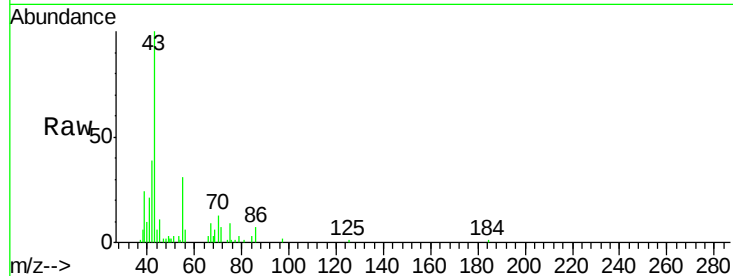
Ion Ratio Lower Upper

43 100

86 5.6 6.1 9.1#

42 40.2 8.0 12.0#

44 0.0 3.9 5.9#

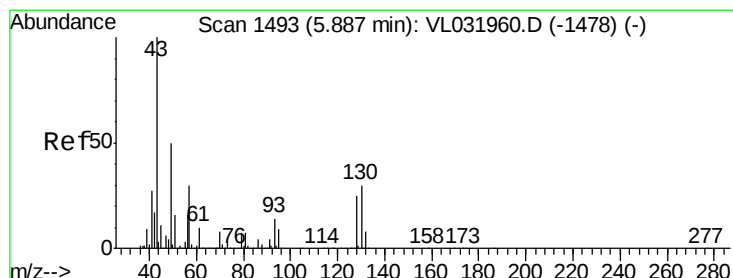
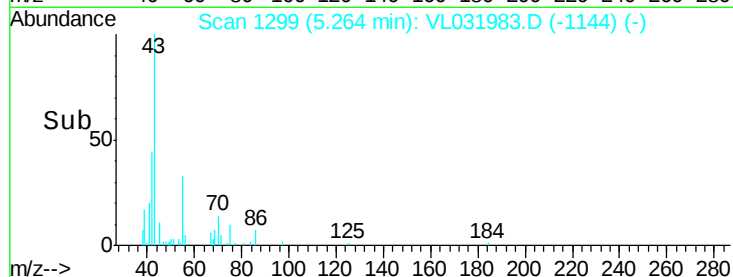
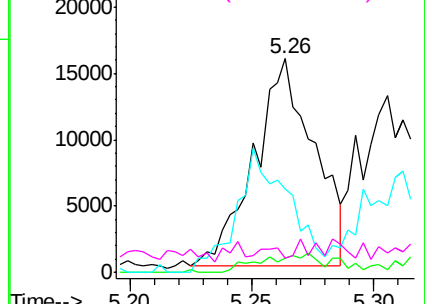


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 0.94 ppbv

RT: 5.90 min Scan# 1498

Delta R.T. 0.02 min

Lab File: VL031983.D

Acq: 4 May 2018 4:45

Tgt Ion: 43 Resp: 268750

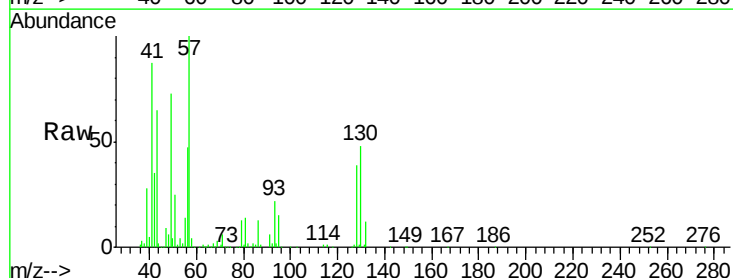
Ion Ratio Lower Upper

43 100

45 1.2 7.8 11.6#

61 0.9 7.4 11.2#

70 2.0 5.8 8.8#

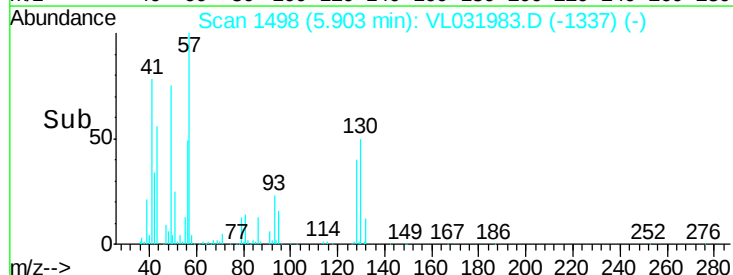
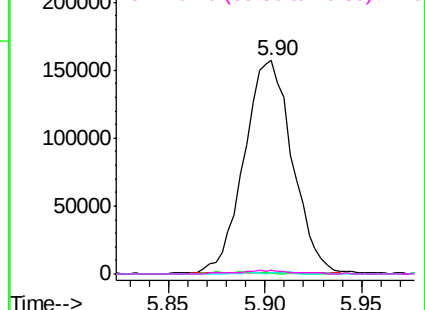


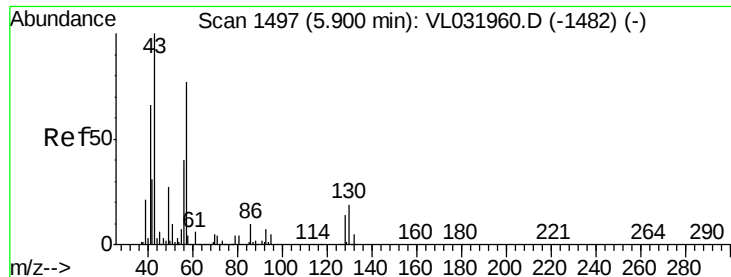
Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 2.85 ppbv

RT: 5.90 min Scan# 1498

Delta R.T. 0.00 min

Lab File: VL031983.D

Acq: 4 May 2018 4:45

Instrument :

MSVOA_L

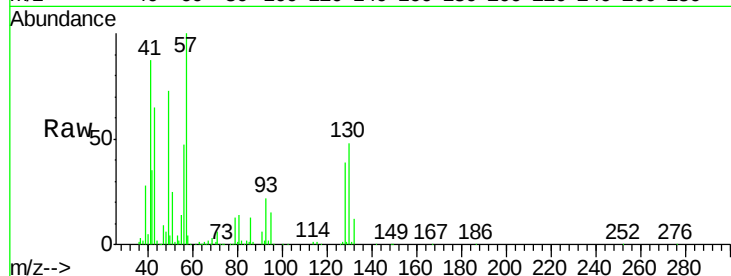
ClientSampled :

SG3

Tgt Ion: 57 Resp: 383036

Ion Ratio Lower Upper

57	100		
41	95.7	71.8	107.6
43	71.8	171.5	257.3#
56	57.2	41.4	62.2

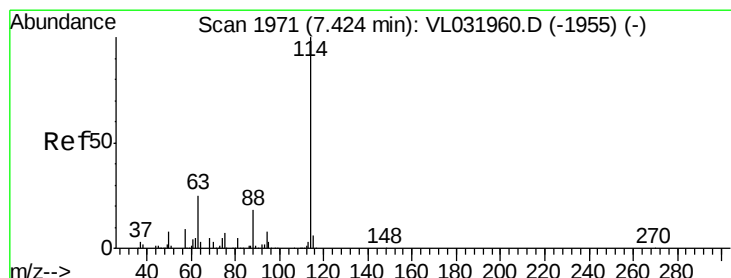
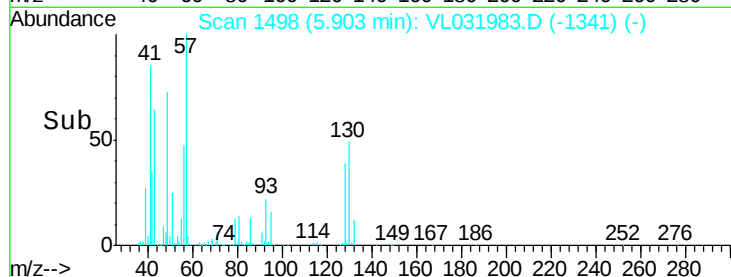
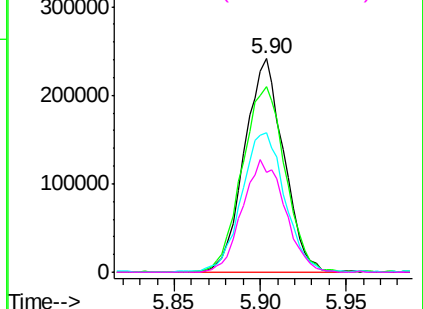


Abundance Ion 57.10 (56.80 to 57.80): VL0

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



#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.42 min Scan# 1971

Delta R.T. 0.00 min

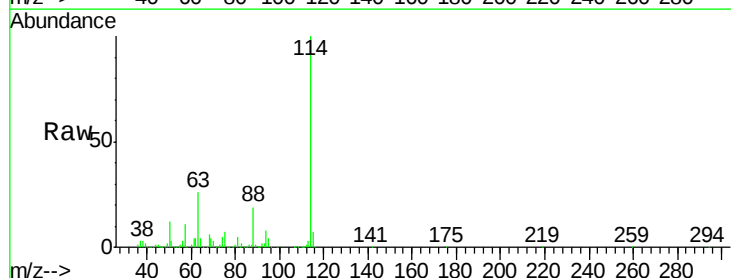
Lab File: VL031983.D

Acq: 4 May 2018 4:45

Tgt Ion: 114 Resp: 2191907

Ion Ratio Lower Upper

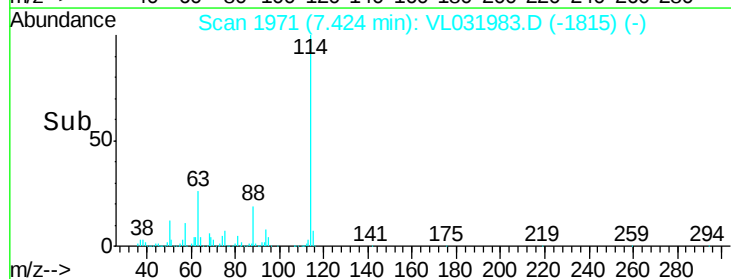
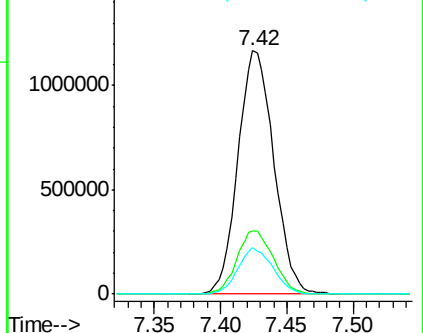
114	100		
63	26.6	20.8	31.2
88	18.6	14.6	21.8

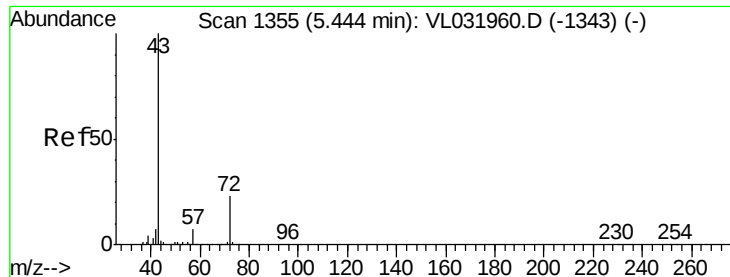


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

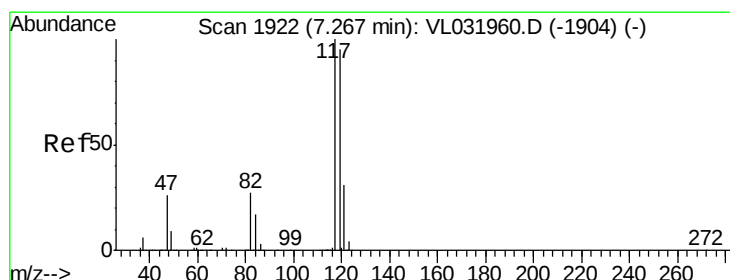
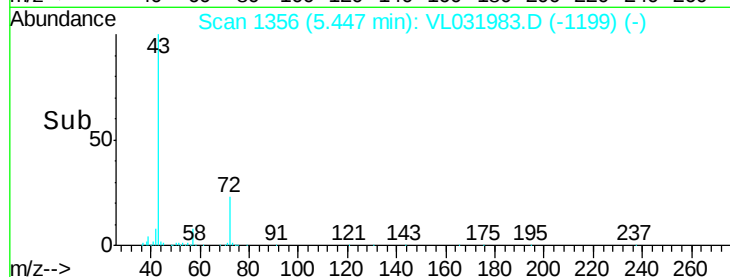
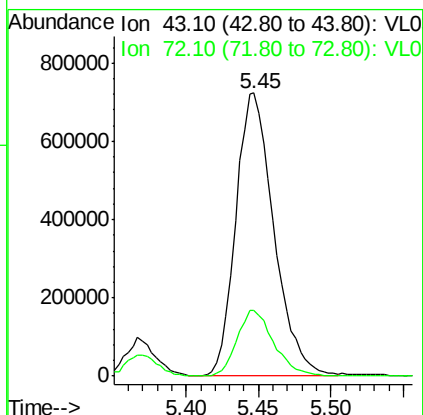
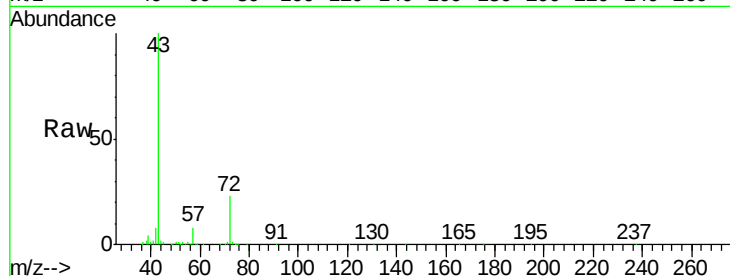




#34
2-Butanone
Concen: 7.28 ppbv
RT: 5.45 min Scan# 1356
Delta R.T. 0.00 min
Lab File: VL031983.D
Acq: 4 May 2018 4:45

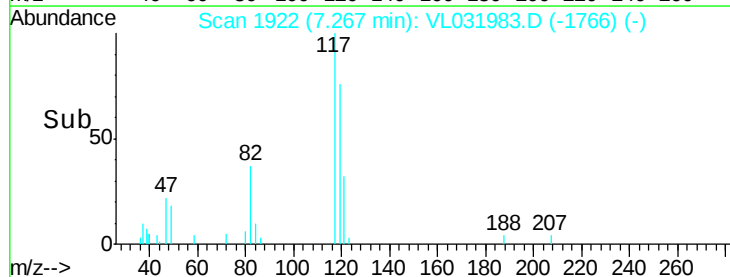
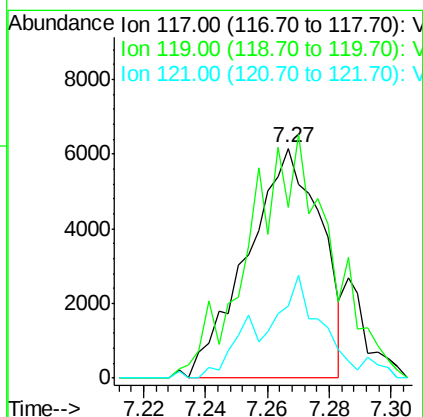
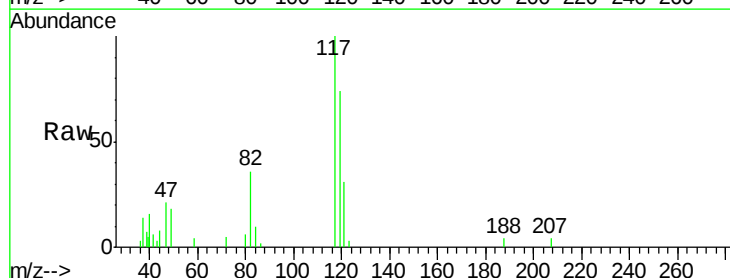
Instrument :
MSVOA_L
ClientSampleId :
SG3

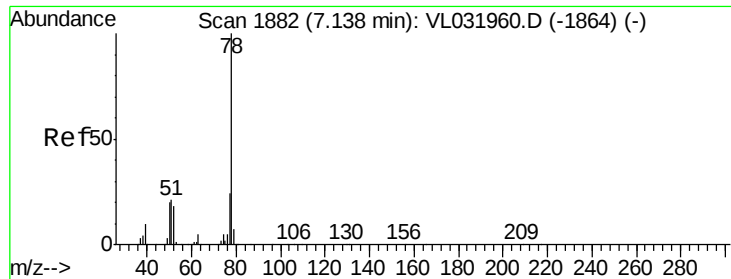
Tgt Ion: 43 Resp: 1315447
Ion Ratio Lower Upper
43 100
72 22.7 18.3 27.5



#35
Carbon Tetrachloride
Concen: 0.06 ppbv
RT: 7.27 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VL031983.D
Acq: 4 May 2018 4:45

Tgt Ion: 117 Resp: 10142
Ion Ratio Lower Upper
117 100
119 68.7 76.4 114.6#
121 31.3 24.4 36.6





#36

Benzene

Concen: 0.16 ppbv

RT: 7.14 min Scan# 1882

Delta R.T. 0.00 min

Lab File: VL031983.D

Acq: 4 May 2018 4:45

Instrument :

MSVOA_L

ClientSampleId :

SG3

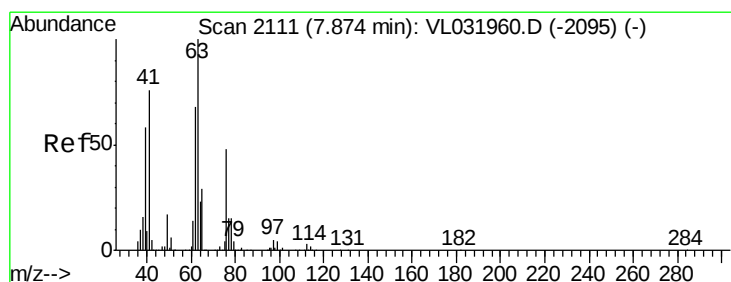
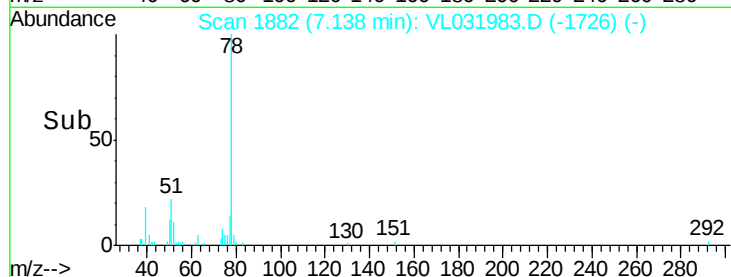
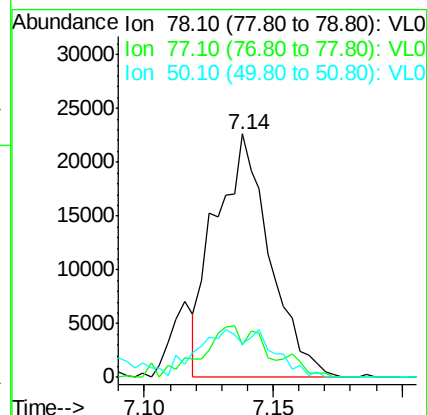
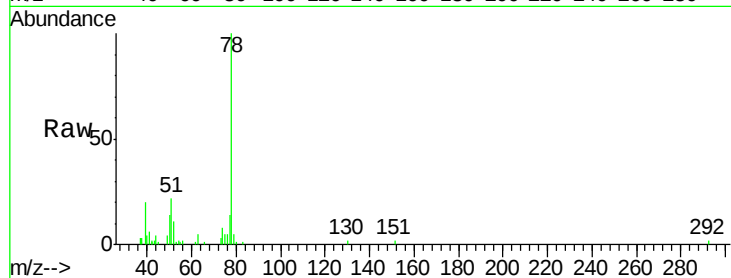
Tgt Ion: 78 Resp: 33161

Ion Ratio Lower Upper

78 100

77 13.5 19.2 28.8#

50 13.8 16.2 24.4#



#39

1,2-Dichloropropane

Concen: 8.08 ppbv

RT: 7.42 min Scan# 1971

Delta R.T. -0.45 min

Lab File: VL031983.D

Acq: 4 May 2018 4:45

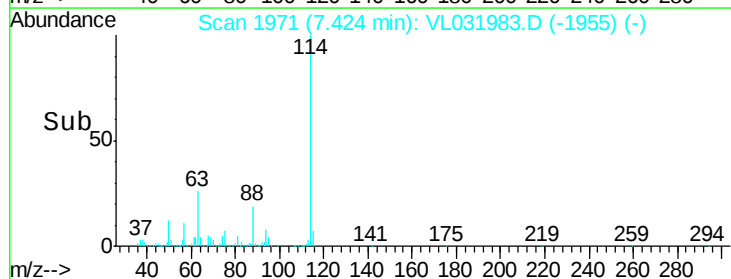
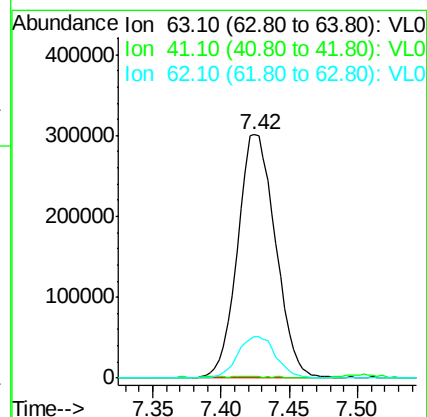
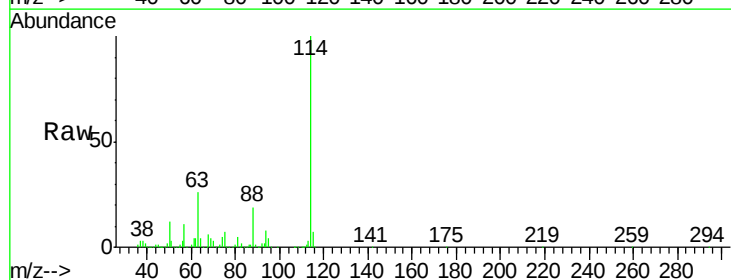
Tgt Ion: 63 Resp: 580483

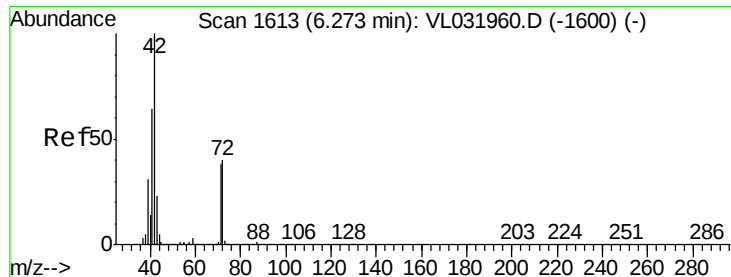
Ion Ratio Lower Upper

63 100

41 0.5 60.7 91.1#

62 17.3 54.7 82.1#





#41

Tetrahydrofuran

Concen: 1.83 ppbv

RT: 5.90 min Scan# 1498

Delta R.T. -0.37 min

Lab File: VL031983.D

Acq: 4 May 2018 4:45

Instrument :

MSVOA_L

ClientSampleId :

SG3

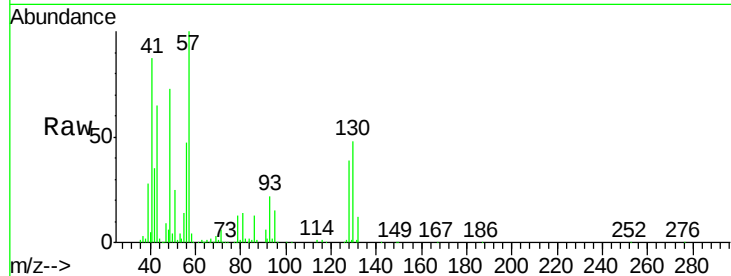
Tgt Ion: 42 Resp: 144387

Ion Ratio Lower Upper

42 100

72 1.2 32.3 48.5#

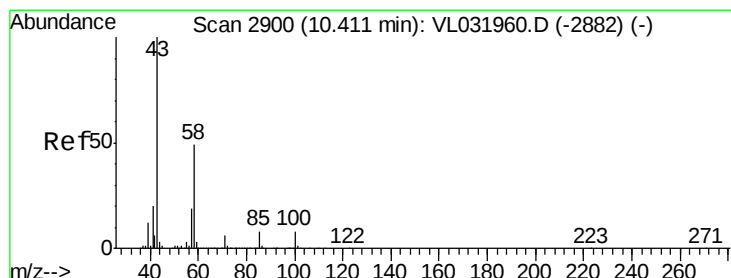
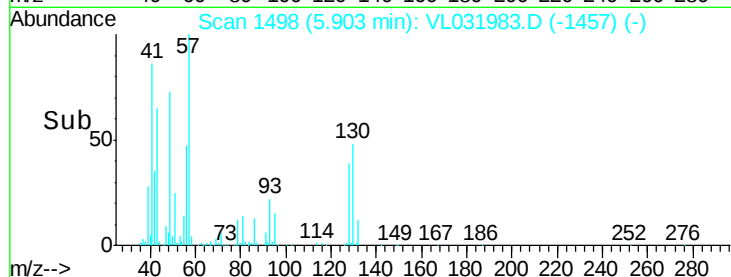
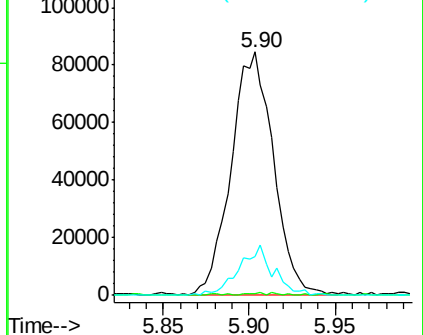
71 16.9 31.4 47.2#



Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0



#51

2-Hexanone

Concen: 1.98 ppbv

RT: 10.41 min Scan# 2901

Delta R.T. 0.00 min

Lab File: VL031983.D

Acq: 4 May 2018 4:45

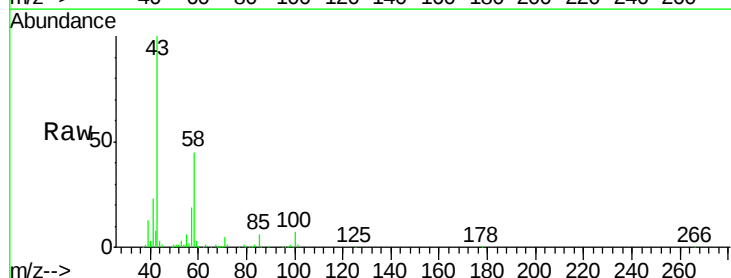
Tgt Ion: 43 Resp: 307646

Ion Ratio Lower Upper

43 100

58 47.8 38.6 58.0

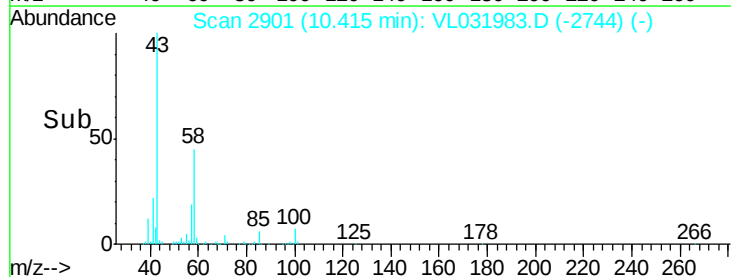
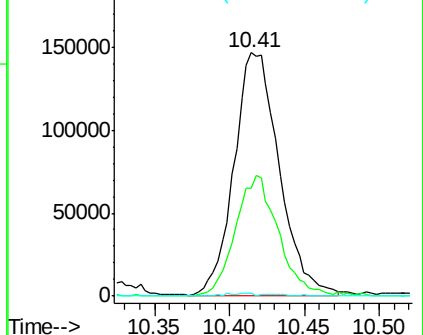
98 1.2 0.2 0.2#

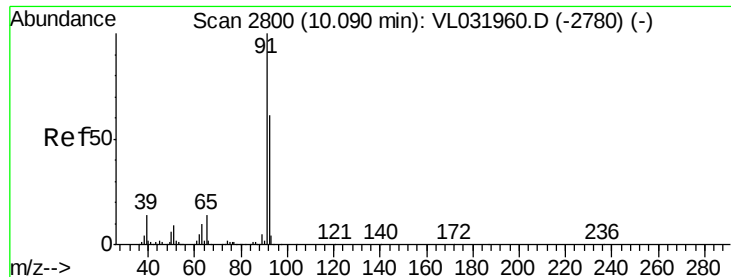


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 98.20 (97.90 to 98.90): VL0





#53

Toluene

Concen: 0.15 ppbv

RT: 10.09 min Scan# 2800

Delta R.T. 0.00 min

Lab File: VL031983.D

Acq: 4 May 2018 4:45

Instrument :

MSVOA_L

ClientSampled :

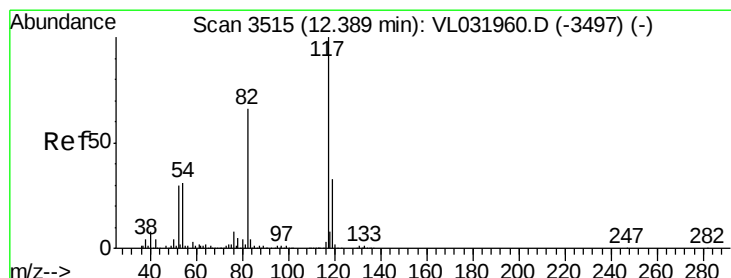
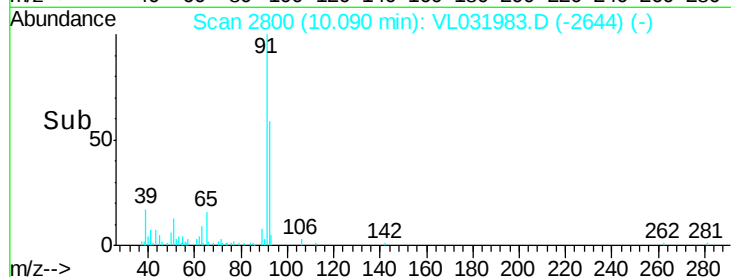
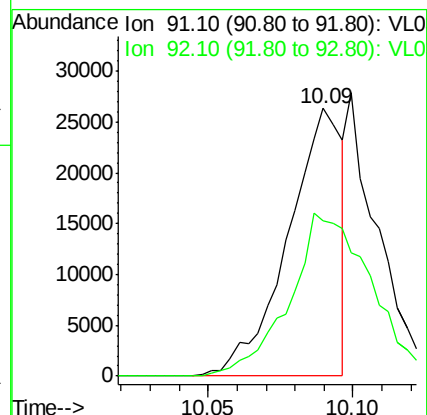
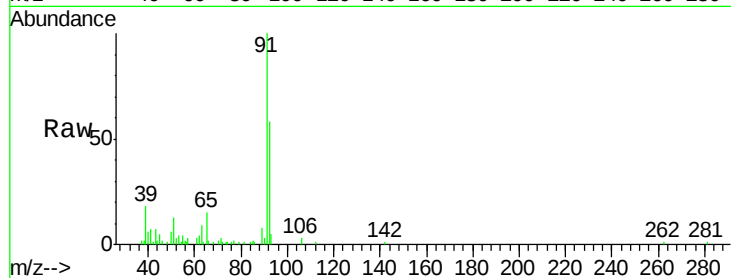
SG3

Tgt Ion: 91 Resp: 34106

Ion Ratio Lower Upper

91 100

92 92.3 47.4 71.2#



#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 12.39 min Scan# 3516

Delta R.T. 0.00 min

Lab File: VL031983.D

Acq: 4 May 2018 4:45

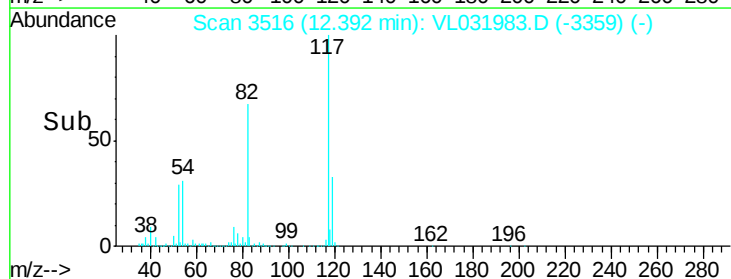
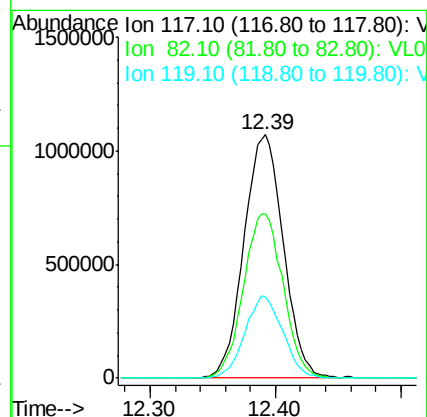
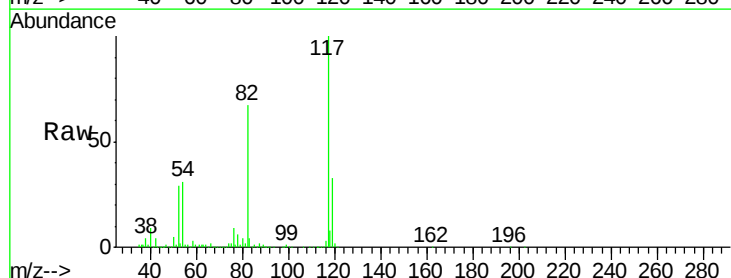
Tgt Ion: 117 Resp: 2333381

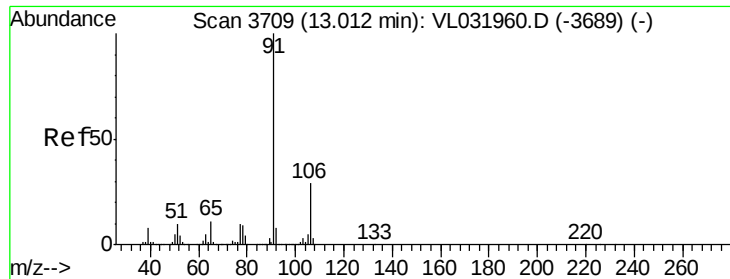
Ion Ratio Lower Upper

117 100

82 68.6 51.6 77.4

119 32.7 44.2 66.4#





#58

Ethyl Benzene

Concen: 0.06 ppbv

RT: 13.02 min Scan# 3710

Delta R.T. 0.00 min

Lab File: VL031983.D

Acq: 4 May 2018 4:45

Instrument :

MSVOA_L

ClientSampled :

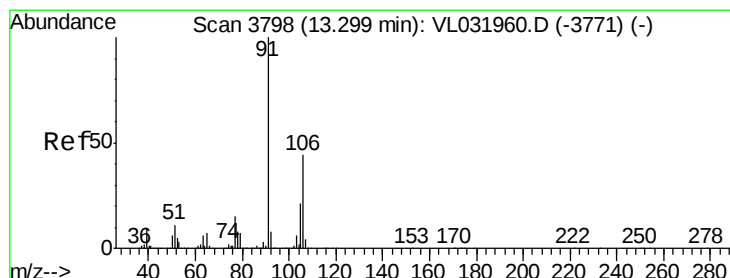
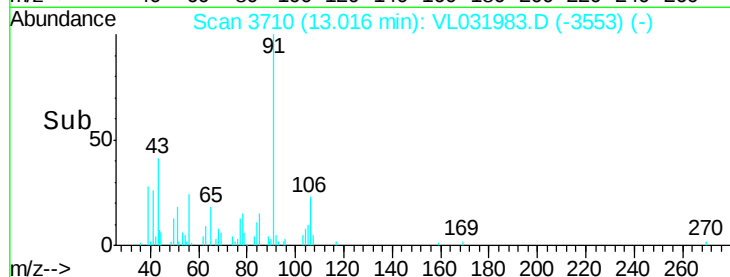
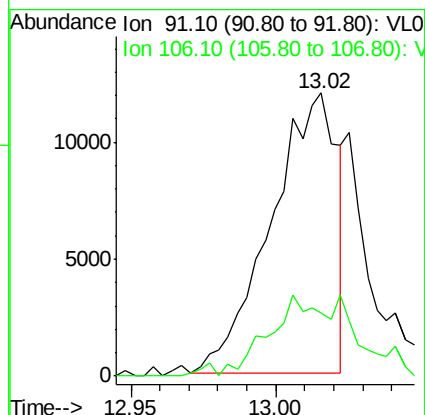
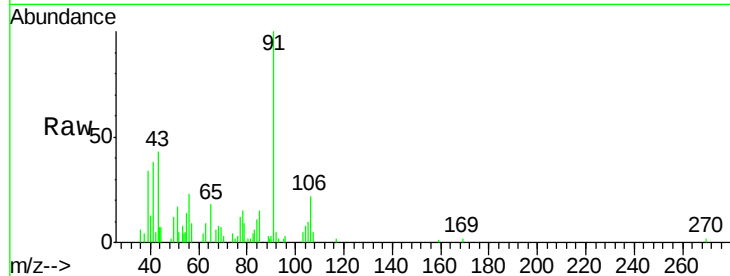
SG3

Tgt Ion: 91 Resp: 18949

Ion Ratio Lower Upper

91 100

106 21.3 23.4 35.2#



#59

m/p-Xylene

Concen: 0.05 ppbv

RT: 13.30 min Scan# 3799

Delta R.T. 0.00 min

Lab File: VL031983.D

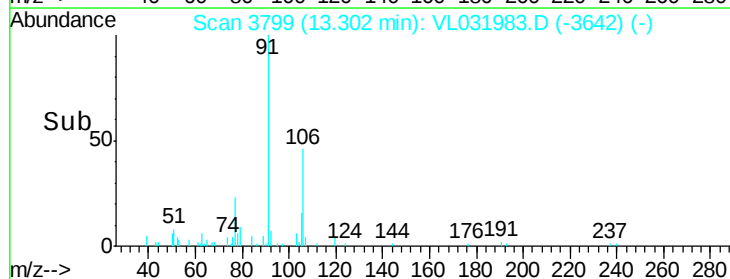
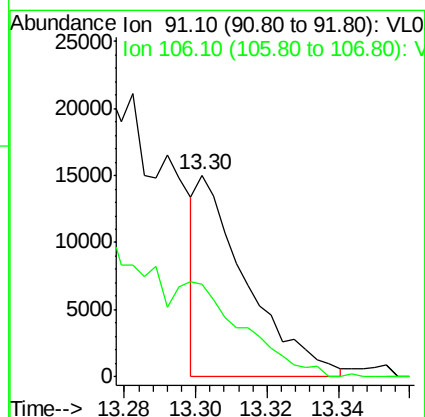
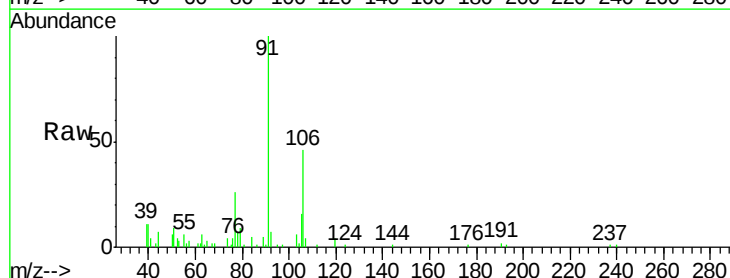
Acq: 4 May 2018 4:45

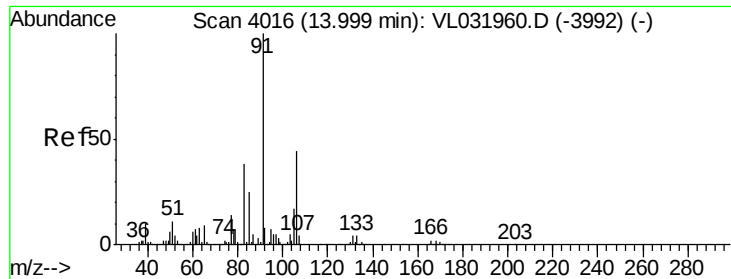
Tgt Ion: 91 Resp: 14396

Ion Ratio Lower Upper

91 100

106 0.0 35.9 53.9#

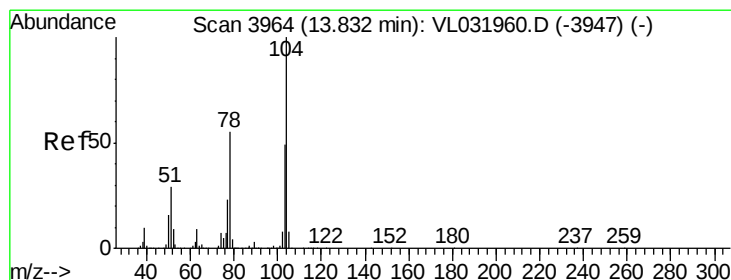
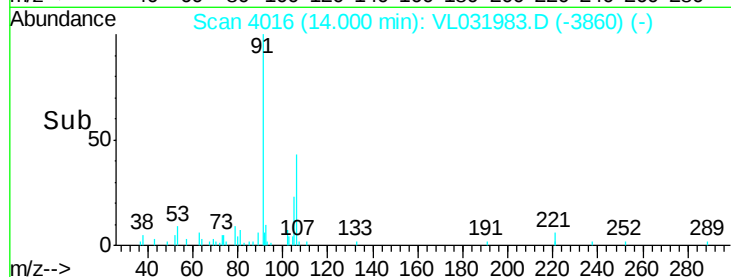
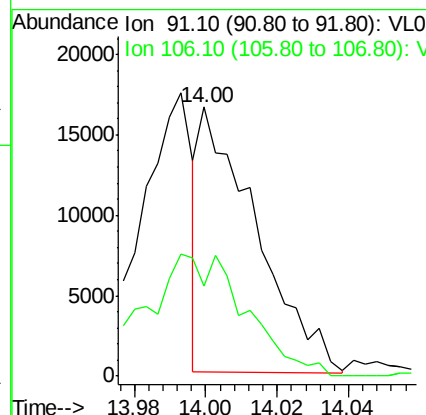
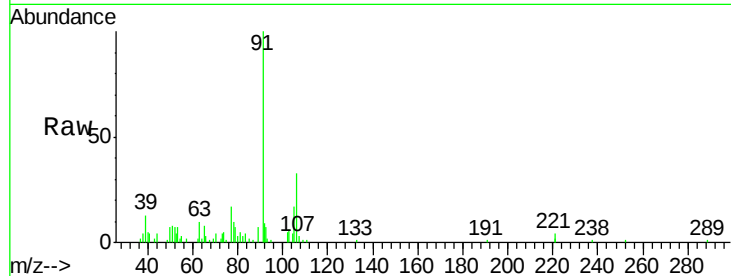




#60
o-Xylene
Concen: 0.06 ppbv
RT: 14.00 min Scan# 4016
Delta R.T. 0.00 min
Lab File: VL031983.D
Acq: 4 May 2018 4:45

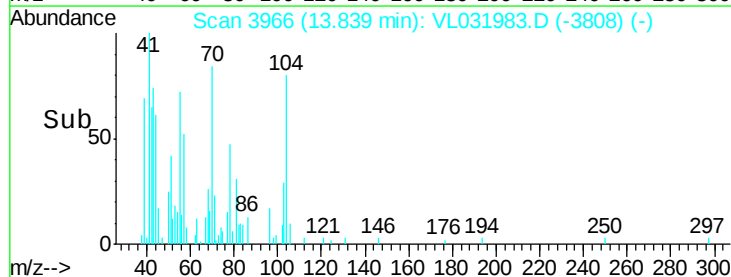
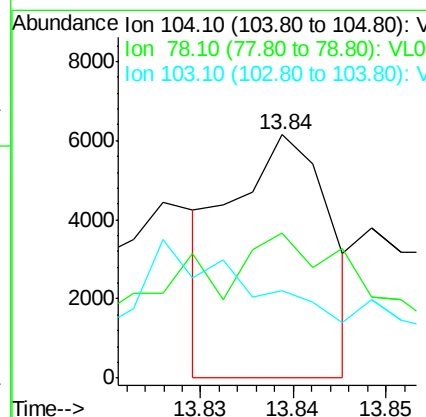
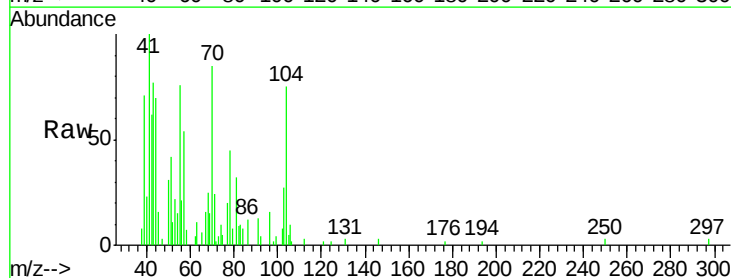
Instrument :
MSVOA_L
ClientSampled :
SG3

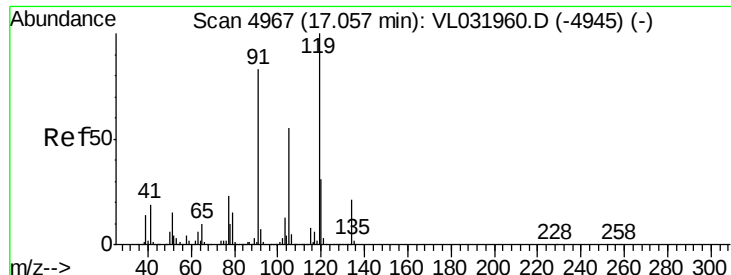
Tgt Ion: 91 Resp: 18153
Ion Ratio Lower Upper
91 100
106 0.0 21.5 64.5#



#61
Styrene
Concen: 0.08 ppbv
RT: 13.84 min Scan# 3966
Delta R.T. 0.01 min
Lab File: VL031983.D
Acq: 4 May 2018 4:45

Tgt Ion: 104 Resp: 4590
Ion Ratio Lower Upper
104 100
78 193.3 43.8 65.8#
103 0.0 38.4 57.6#





#65

tert-Butylbenzene

Concen: 2.94 ppbv

RT: 17.28 min Scan# 5037

Delta R.T. 0.23 min

Lab File: VL031983.D

Acq: 4 May 2018 4:45

Instrument :

MSVOA_L

ClientSampleId :

SG3

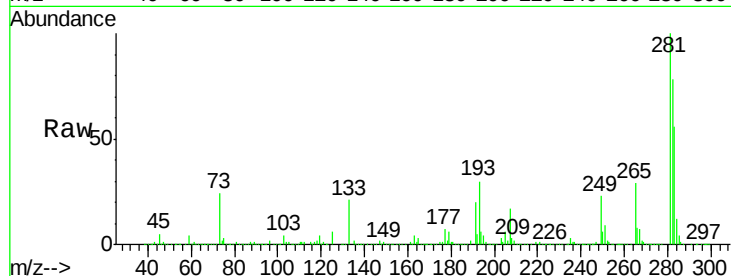
Tgt Ion: 119 Resp: 953682

Ion Ratio Lower Upper

119 100

91 2.8 68.1 102.1#

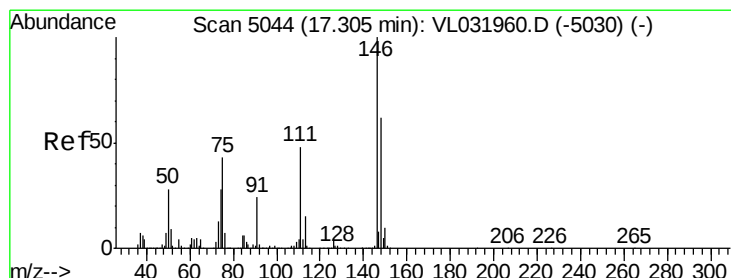
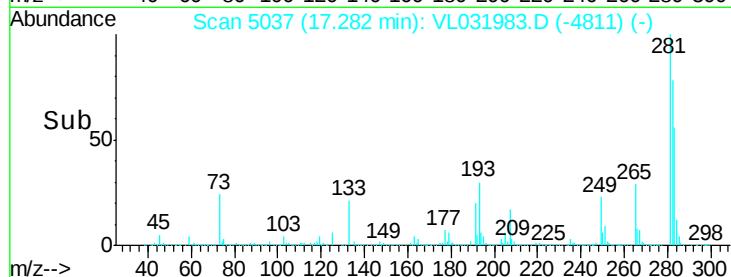
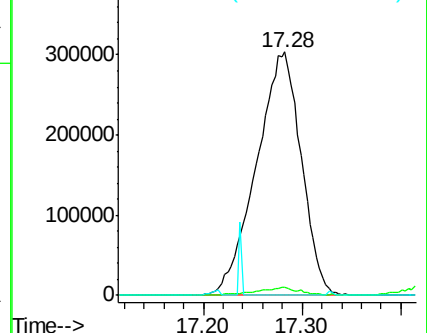
134 0.3 15.4 23.0#



Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 0.15 ppbv

RT: 17.30 min Scan# 5042

Delta R.T. -0.01 min

Lab File: VL031983.D

Acq: 4 May 2018 4:45

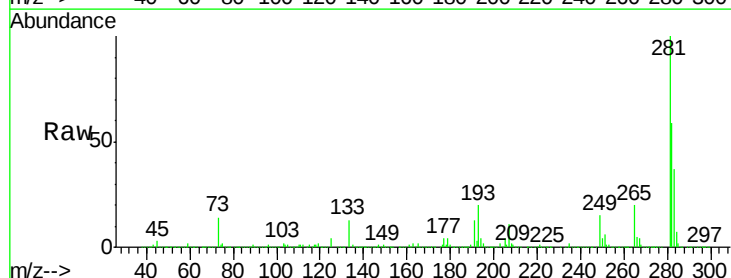
Tgt Ion: 91 Resp: 4340

Ion Ratio Lower Upper

91 100

126 409.1 13.4 20.0#

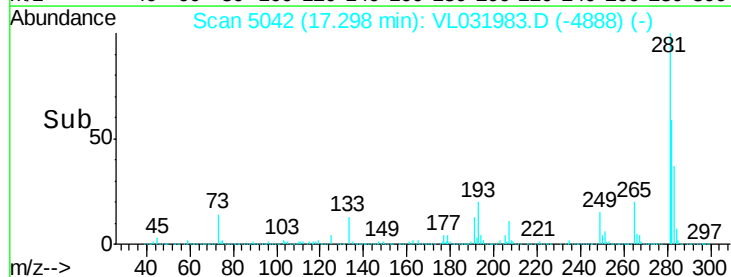
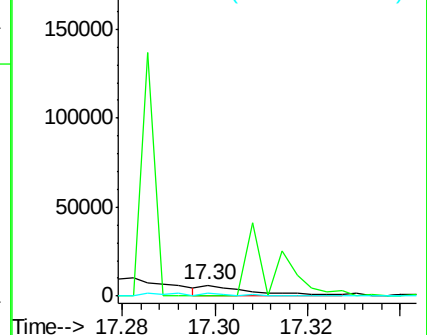
128 0.0 4.6 6.8#

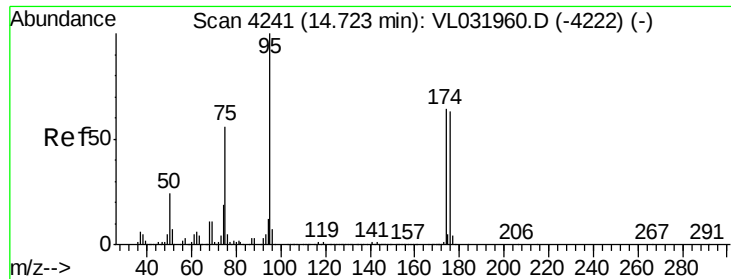


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.22 ppbv

RT: 14.72 min Scan# 4241

Delta R.T. 0.00 min

Lab File: VL031983.D

Acq: 4 May 2018 4:45

Instrument :

MSVOA_L

ClientSampleId :

SG3

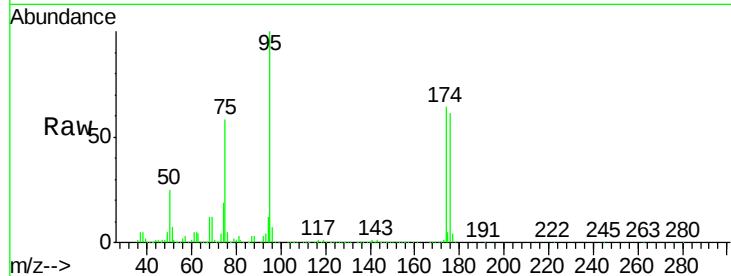
Tgt Ion: 95 Resp: 1849213

Ion Ratio Lower Upper

95 100

174 65.2 53.0 79.6

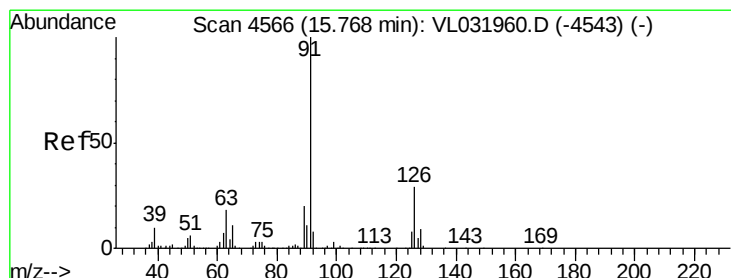
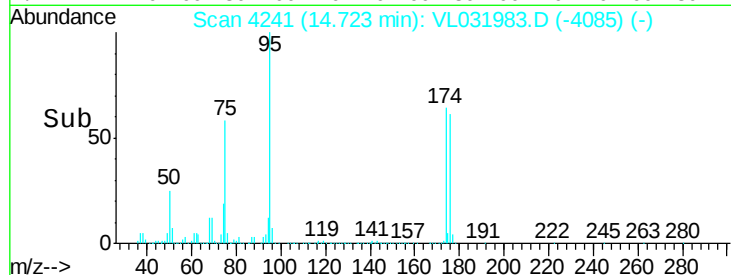
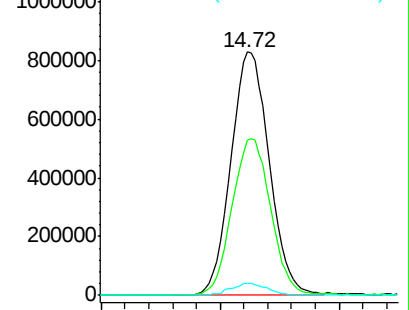
175 4.8 3.9 5.9



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V



#71

2-Chlorotoluene

Concen: 0.08 ppbv

RT: 15.87 min Scan# 4598

Delta R.T. 0.10 min

Lab File: VL031983.D

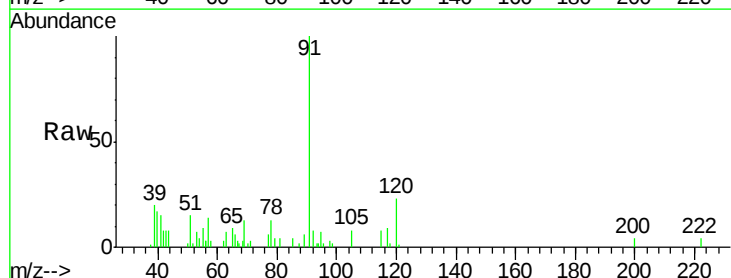
Acq: 4 May 2018 4:45

Tgt Ion: 91 Resp: 21042

Ion Ratio Lower Upper

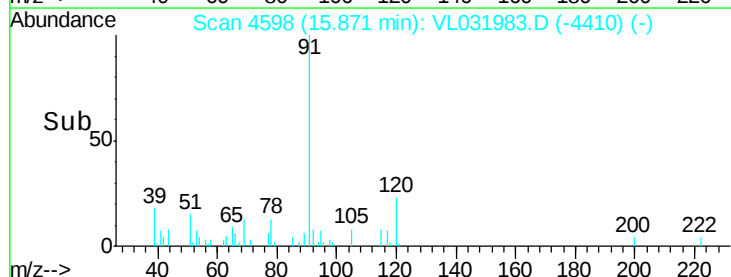
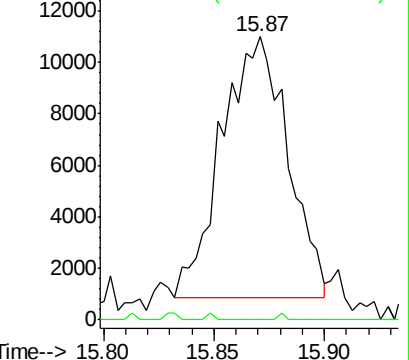
91 100

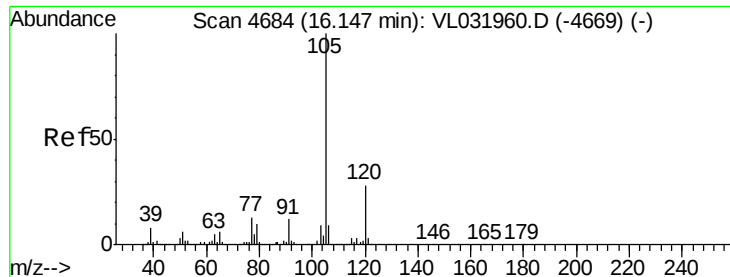
126 0.3 11.8 47.2#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V





#72

4-Ethyltoluene

Concen: 0.06 ppbv

RT: 16.15 min Scan# 4685

Delta R.T. 0.00 min

Lab File: VL031983.D

Acq: 4 May 2018 4:45

Instrument :

MSVOA_L

ClientSampleId :

SG3

Tgt Ion:105 Resp: 16040

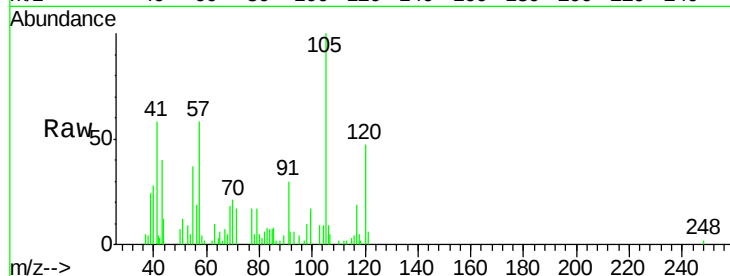
Ion Ratio Lower Upper

105 100

120 48.1 22.6 33.8#

91 38.8 10.5 15.7#

77 7.5 11.1 16.7#



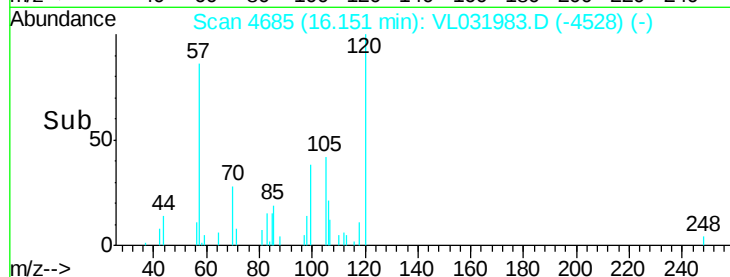
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Time-->



Abundance

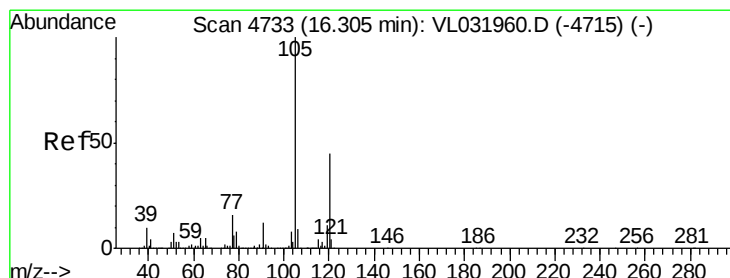
Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Time-->



#73

1,3,5-Trimethylbenzene

Concen: 0.06 ppbv

RT: 16.31 min Scan# 4734

Delta R.T. 0.00 min

Lab File: VL031983.D

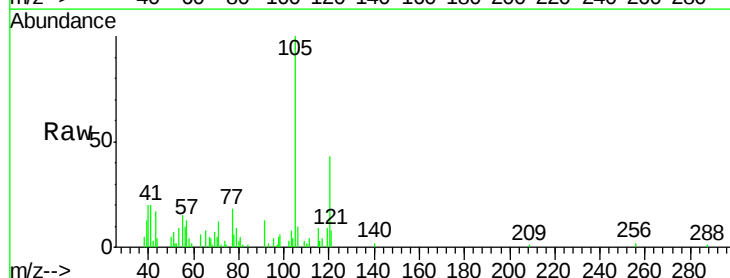
Acq: 4 May 2018 4:45

Tgt Ion:105 Resp: 16026

Ion Ratio Lower Upper

105 100

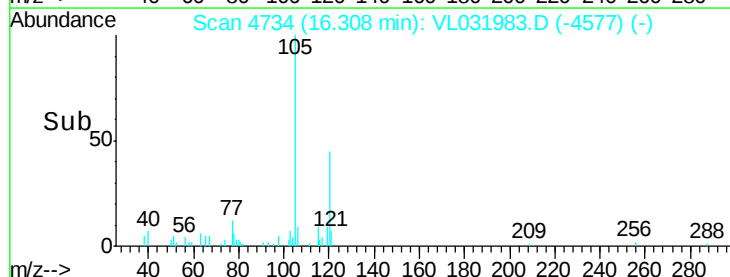
120 42.2 36.0 54.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Time-->

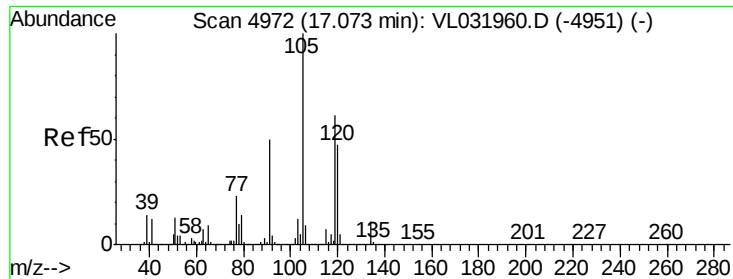


Abundance

Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Time-->



#74
 1,2,4-Trimethylbenzene
 Concen: 0.34 ppbv
 RT: 17.08 min Scan# 4974
 Delta R.T. 0.01 min
 Lab File: VL031983.D
 Acq: 4 May 2018 4:45

Instrument :
 MSVOA_L
 ClientSampleId :
 SG3

Tgt Ion:	105	Resp:	101025
Ion	Ratio	Lower	Upper
105	100		
120	30.7	37.8	56.6#
91	11.8	40.5	60.7#
77	12.6	18.2	27.2#

