

Data File : VL031871.D

Acq On : 12 Apr 2018 18:46

Operator : SY/AP

Sample : J2191-03

Misc : 400ml/MSVOA_L

ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SSDS-INF-040218

Quant Time: Apr 14 01:36:55 2018

Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL041218AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Apr 13 16:50:02 2018

QLast Update : Fri Apr 13 16:50:02 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.89	49	1127907	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.43	114	2443513	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.39	117	2320751	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.73	95	1918935	10.28	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.80%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.17	85	489114	2.10	ppbv	97
3) Chlorodifluoromethane	3.24	51	8016	0.06	ppbv	96
4) Chloromethane	3.26	50	16740	0.25	ppbv	94
8) Dichlorotetrafluoroethane	3.25	85	62228	0.33	ppbv #	20
9) Propene	3.33	41	220811	4.87	ppbv	99
10) Heptane	8.39	43	464814	3.16	ppbv	98
11) Trichlorofluoromethane	4.11	101	2335431	10.24	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.67	101	8702	0.06	ppbv #	14
13) Ethanol	3.76	45	2875076	186.76	ppbv	99
15) Acetone	4.01	43	3680926	21.20	ppbv	98
16) 1,3-Butadiene	3.44	39	10964	0.17	ppbv #	10
17) tert-Butyl alcohol	4.48	59	4191	0.06	ppbv #	72
19) Isopropyl Alcohol	4.15	45	98904	1.02	ppbv #	1
20) Methylene Chloride	4.52	84	674620	10.67	ppbv	93
23) Vinyl Acetate	5.27	43	23936	0.14	ppbv #	58
24) 1,1-Dichloroethane	5.21	63	29485	0.17	ppbv #	92
25) Ethyl Acetate	5.91	43	460010	1.70	ppbv #	83
26) Hexane	5.91	57	598300	4.74	ppbv #	47
29) Chloroform	5.98	83	286790	1.34	ppbv	97
30) Cyclohexane	7.39	84	452670	5.02	ppbv	96
32) 1,1,1-Trichloroethane	6.76	97	89545	0.43	ppbv	91
34) 2-Butanone	5.46	43	223545	1.32	ppbv	98
35) Carbon Tetrachloride	7.28	117	9670	0.05	ppbv	93
36) Benzene	7.14	78	32125	0.15	ppbv	93
38) Trichloroethene	8.10	130	49619	0.56	ppbv	93
39) 1,2-Dichloropropane	7.43	63	652124	7.98	ppbv #	22
41) Tetrahydrofuran	6.29	42	12079	0.15	ppbv	97
42) Bromodichloromethane	8.06	83	16019	0.08	ppbv #	76
52) Tetrachloroethene	11.52	164	12058	0.14	ppbv	87
53) Toluene	10.10	91	5478719	22.35	ppbv	99
58) Ethyl Benzene	13.01	91	18747	0.06	ppbv	91
59) m/p-Xylene	13.28	91	83166	0.30	ppbv #	37
60) o-Xylene	14.00	91	33908	0.12	ppbv #	66
61) Styrene	13.83	104	3181	0.06	ppbv #	39
74) 1,2,4-Trimethylbenzene	17.08	105	15647	0.05	ppbv #	77

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

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ALS Vial : 1 Sample Multiplier: 1

Instrument :

MSVOA_L

ClientSampleId :

SSDS-INF-040218

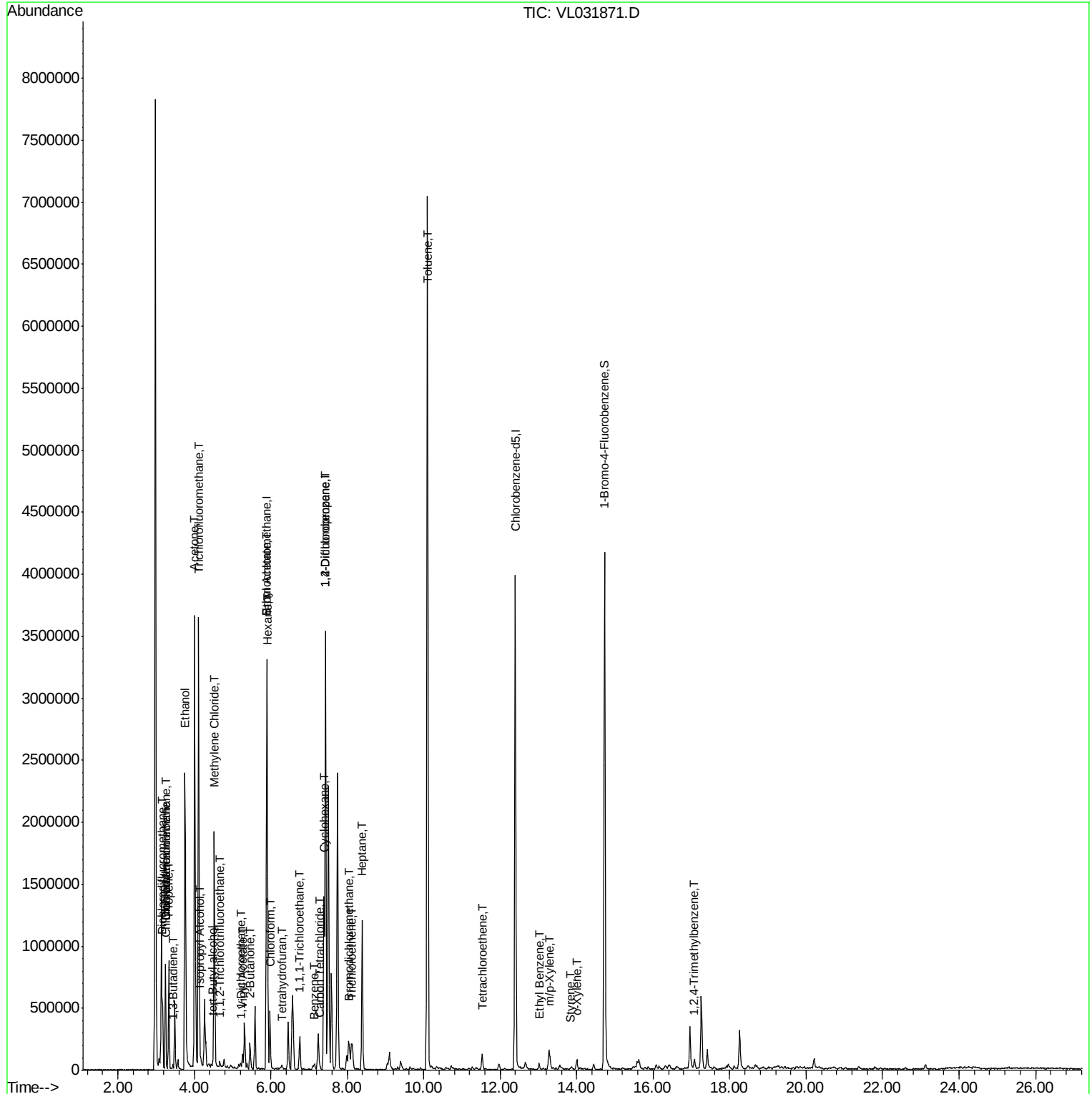
Quant Time: Apr 14 01:36:55 2018

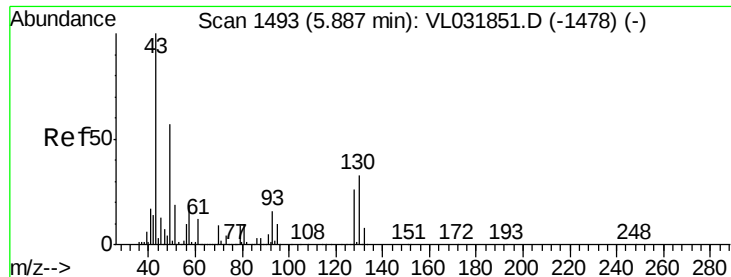
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL041218AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Apr 13 16:50:02 2018

QLast Update : Fri Apr 13 16:50:02 2018

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.89 min Scan# 1494

Delta R.T. -0.00 min

Lab File: VL031871.D

Acq: 12 Apr 2018 18:46

Instrument :

MSVOA_L

ClientSampleId :

SSDS-INF-040218

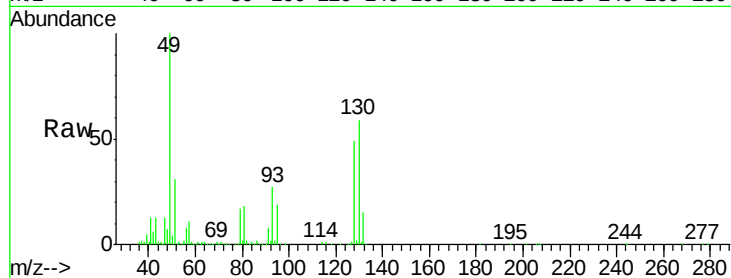
Tgt Ion: 49 Resp: 1127907

Ion Ratio Lower Upper

49 100

128 48.1 23.9 71.7

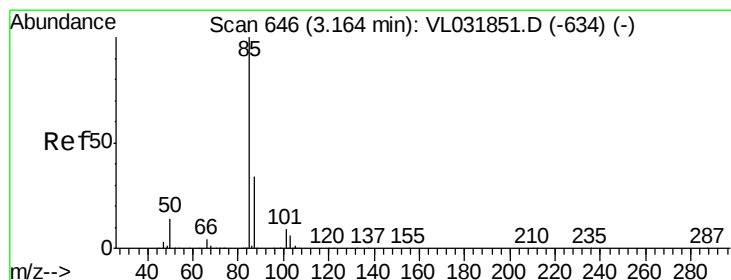
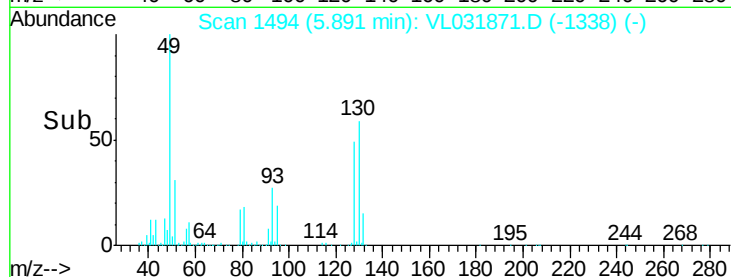
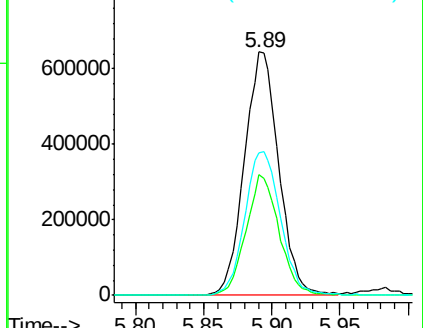
130 61.7 30.9 92.7



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: 2.10 ppbv

RT: 3.17 min Scan# 647

Delta R.T. 0.00 min

Lab File: VL031871.D

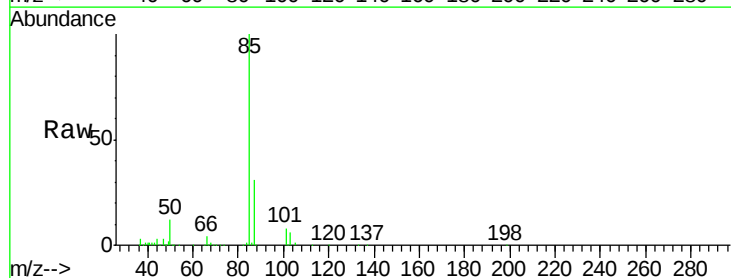
Acq: 12 Apr 2018 18:46

Tgt Ion: 85 Resp: 489114

Ion Ratio Lower Upper

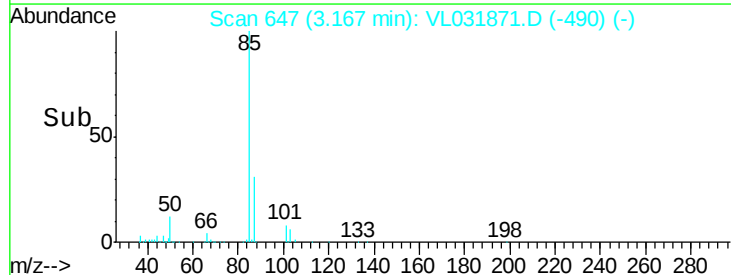
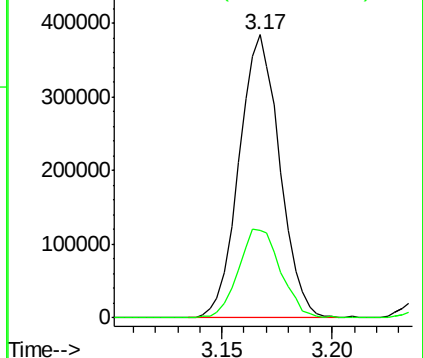
85 100

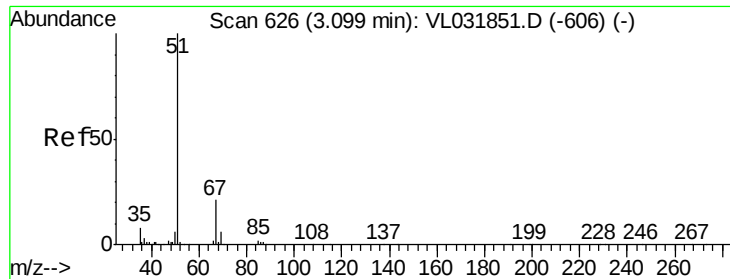
87 30.7 25.9 38.9



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.06 ppbv

RT: 3.24 min Scan# 671

Delta R.T. 0.14 min

Lab File: VL031871.D

Acq: 12 Apr 2018 18:46

Instrument :

MSVOA_L

ClientSampleId :

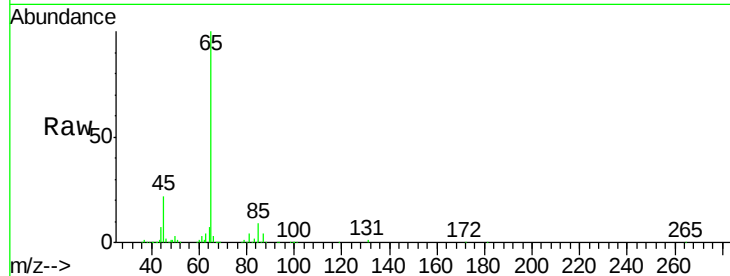
SSDS-INF-040218

Tgt Ion: 51 Resp: 8016

Ion Ratio Lower Upper

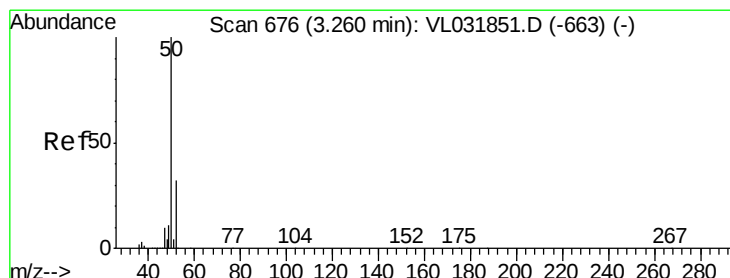
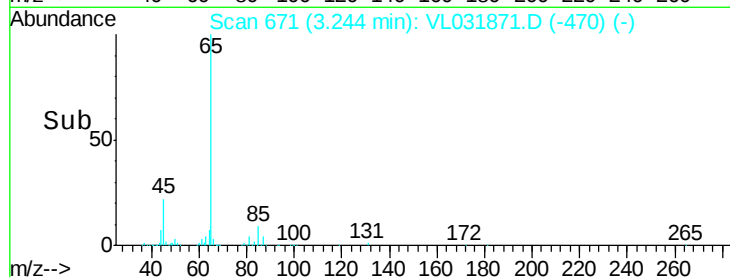
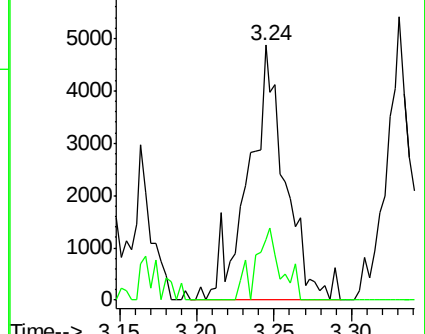
51 100

67 19.8 17.5 26.3



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.25 ppbv

RT: 3.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: VL031871.D

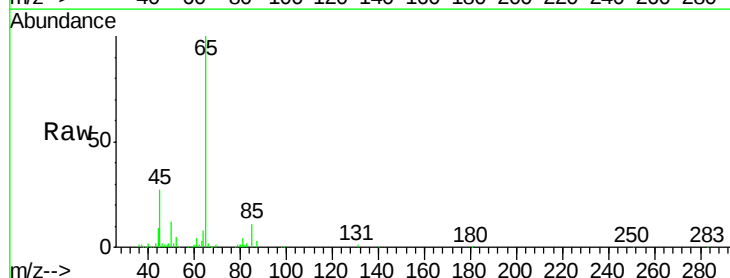
Acq: 12 Apr 2018 18:46

Tgt Ion: 50 Resp: 16740

Ion Ratio Lower Upper

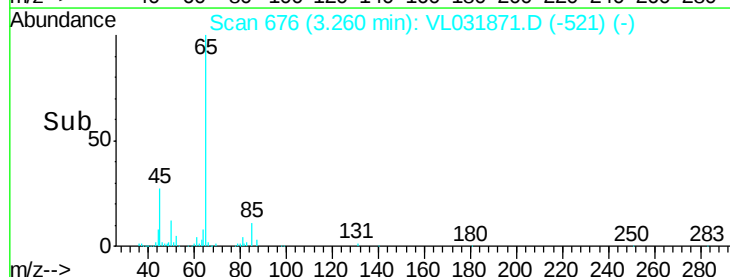
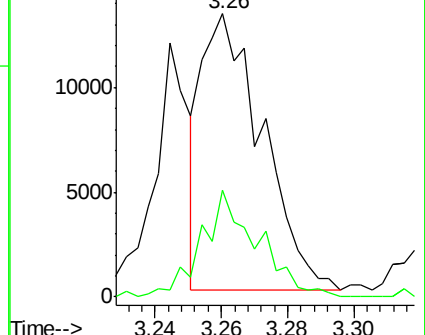
50 100

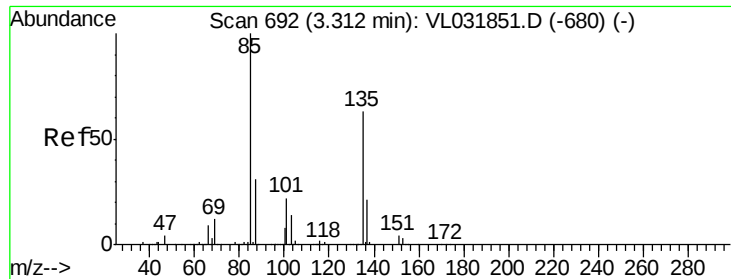
52 38.5 28.1 42.1



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#8

Dichlorotetrafluoroethane

Concen: 0.33 ppbv

RT: 3.25 min Scan# 672

Delta R.T. -0.06 min

Lab File: VL031871.D

Acq: 12 Apr 2018 18:46

Instrument :

MSVOA_L

ClientSampleId :

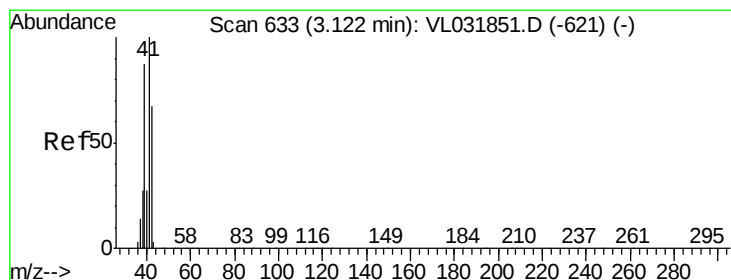
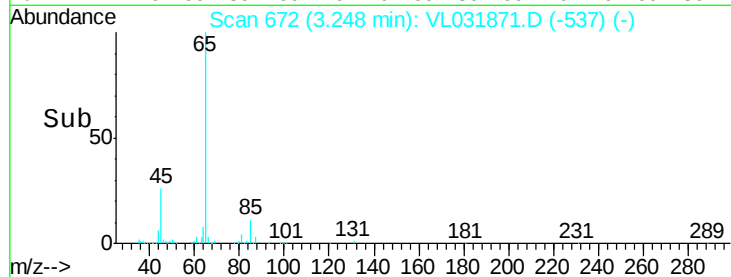
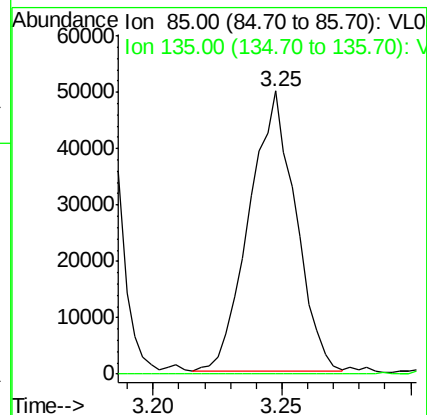
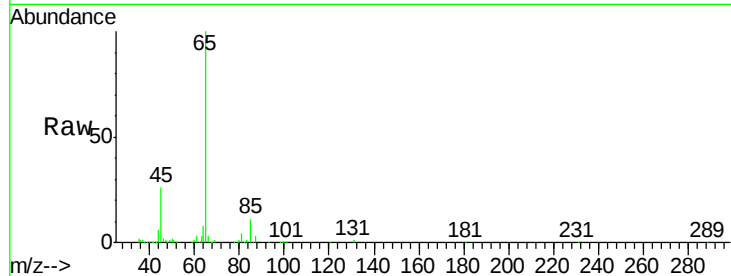
SSDS-INF-040218

Tgt Ion: 85 Resp: 62228

Ion Ratio Lower Upper

85 100

135 2.3 52.7 79.1#



#9

Propene

Concen: 4.87 ppbv

RT: 3.33 min Scan# 698

Delta R.T. 0.21 min

Lab File: VL031871.D

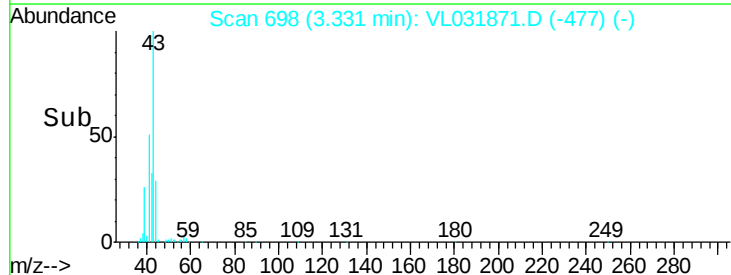
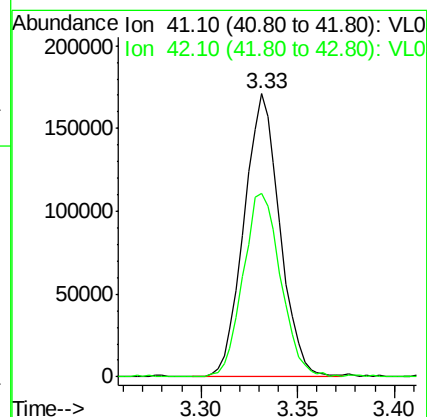
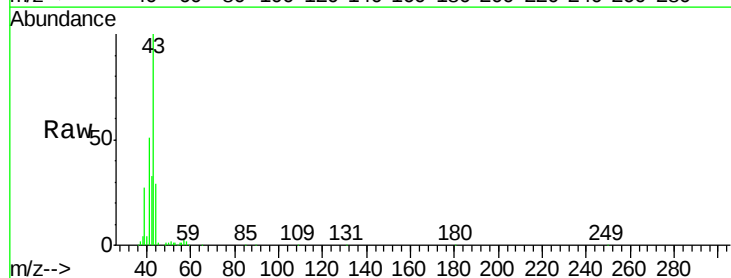
Acq: 12 Apr 2018 18:46

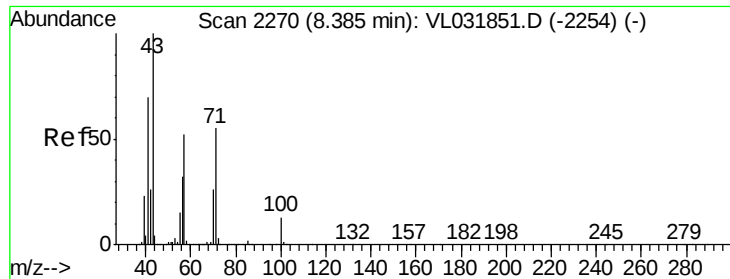
Tgt Ion: 41 Resp: 220811

Ion Ratio Lower Upper

41 100

42 68.1 55.0 82.4





#10

Heptane

Concen: 3.16 ppbv

RT: 8.39 min Scan# 2271

Delta R.T. 0.00 min

Lab File: VL031871.D

Acq: 12 Apr 2018 18:46

Instrument :

MSVOA_L

ClientSampleId :

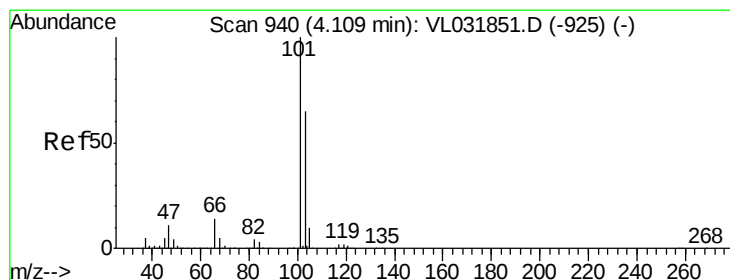
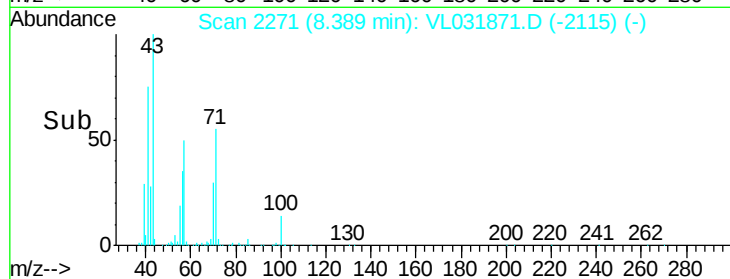
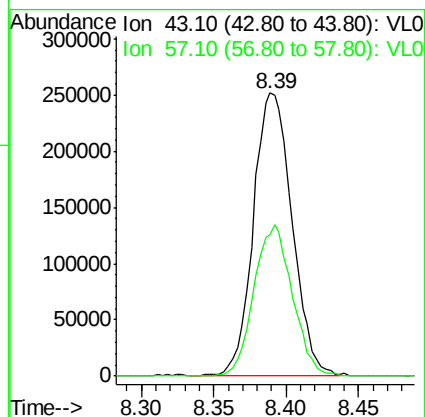
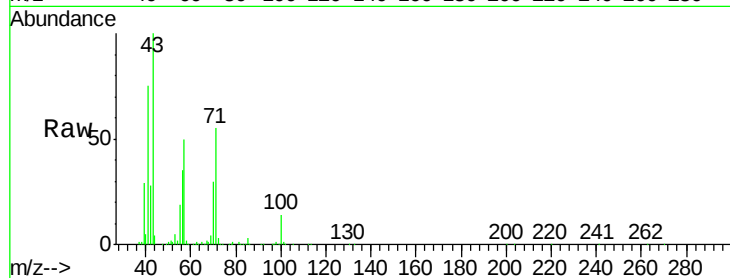
SSDS-INF-040218

Tgt Ion: 43 Resp: 464814

Ion Ratio Lower Upper

43 100

57 53.4 41.5 62.3



#11

Trichlorofluoromethane

Concen: 10.24 ppbv

RT: 4.11 min Scan# 941

Delta R.T. 0.00 min

Lab File: VL031871.D

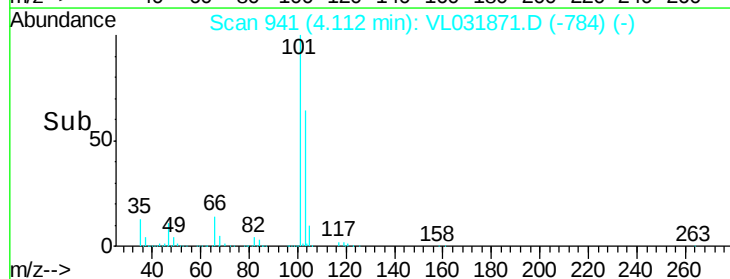
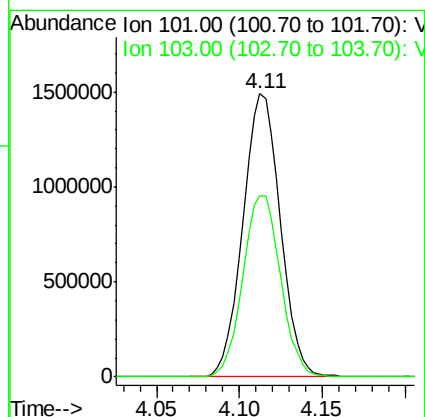
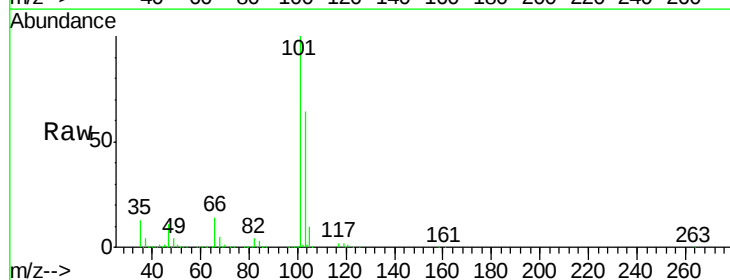
Acq: 12 Apr 2018 18:46

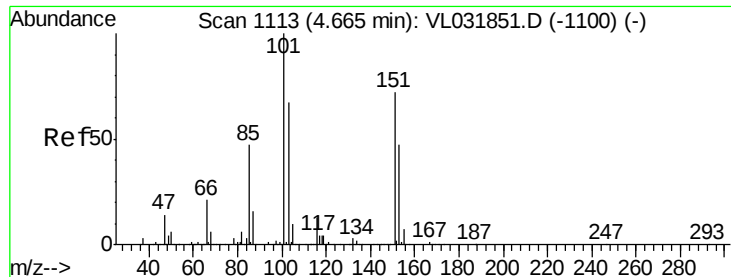
Tgt Ion: 101 Resp: 2335431

Ion Ratio Lower Upper

101 100

103 63.7 51.8 77.8





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.06 ppbv

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VL031871.D

Acq: 12 Apr 2018 18:46

Instrument :

MSVOA_L

ClientSampleId :

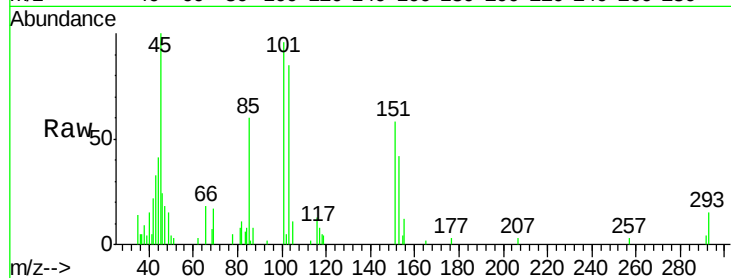
SSDS-INF-040218

Tgt Ion:101 Resp: 8702

Ion Ratio Lower Upper

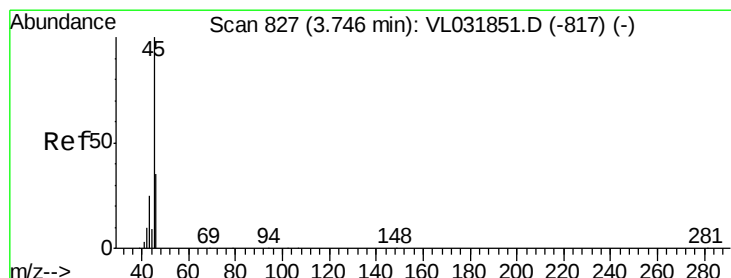
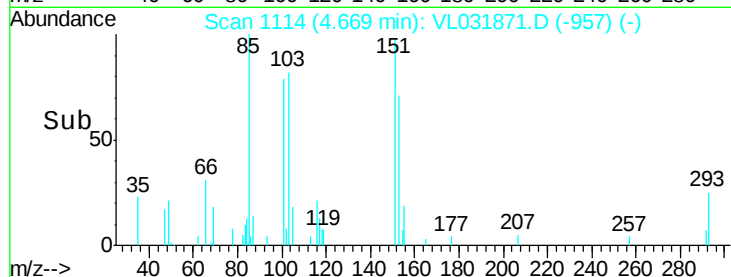
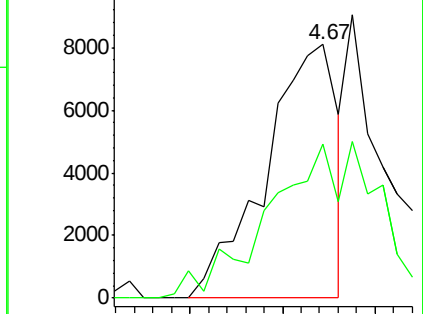
101 100

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: 186.76 ppbv

RT: 3.76 min Scan# 831

Delta R.T. 0.01 min

Lab File: VL031871.D

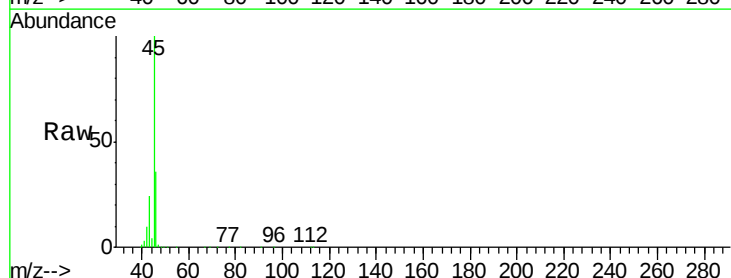
Acq: 12 Apr 2018 18:46

Tgt Ion: 45 Resp: 2875076

Ion Ratio Lower Upper

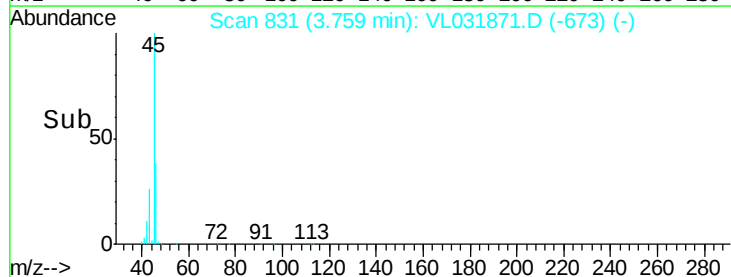
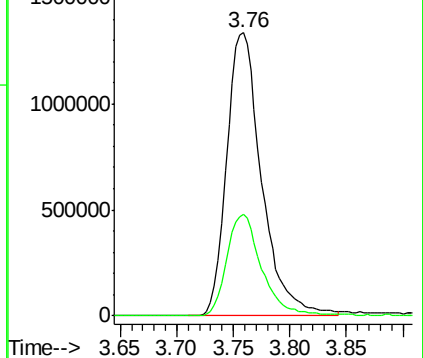
45 100

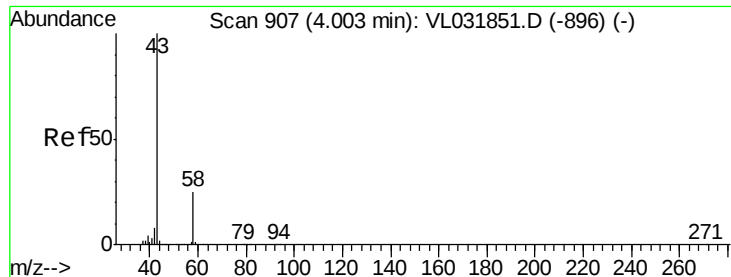
46 36.1 14.6 58.6



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 21.20 ppbv

RT: 4.01 min Scan# 908

Delta R.T. 0.00 min

Lab File: VL031871.D

Acq: 12 Apr 2018 18:46

Instrument :

MSVOA_L

ClientSampleId :

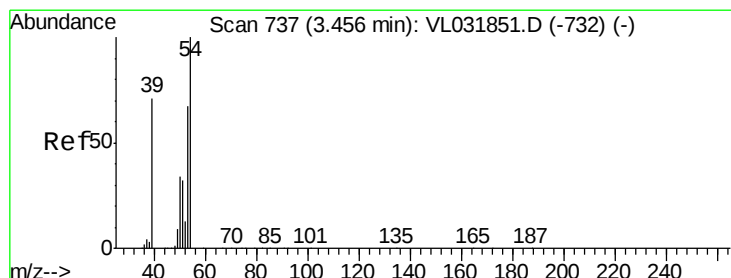
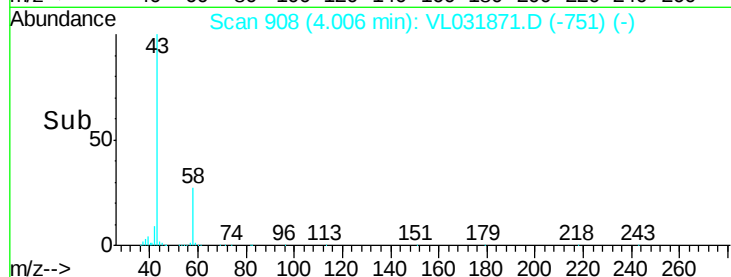
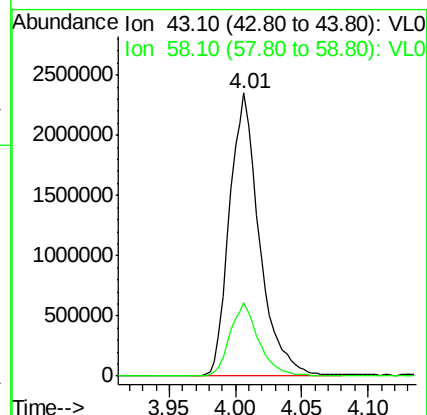
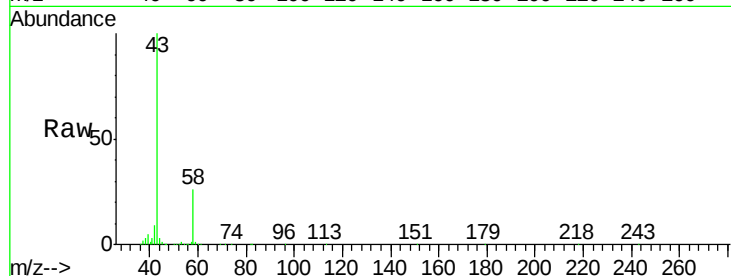
SSDS-INF-040218

Tgt Ion: 43 Resp: 3680926

Ion Ratio Lower Upper

43 100

58 25.0 20.9 31.3



#16

1,3-Butadiene

Concen: 0.17 ppbv

RT: 3.44 min Scan# 731

Delta R.T. -0.02 min

Lab File: VL031871.D

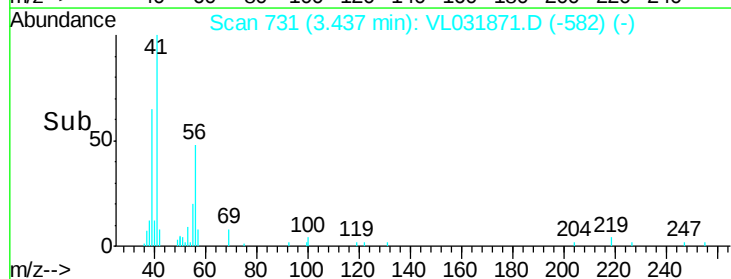
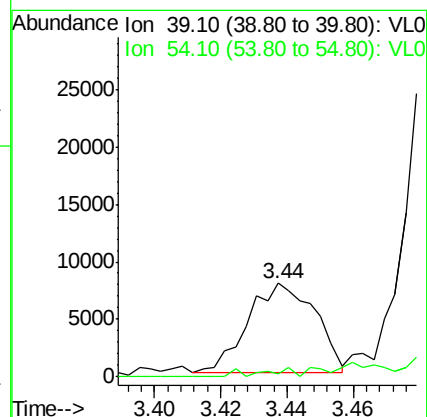
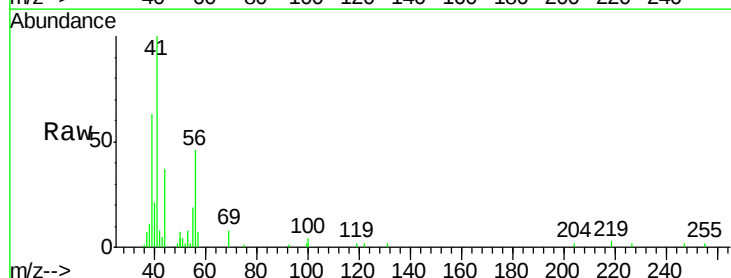
Acq: 12 Apr 2018 18:46

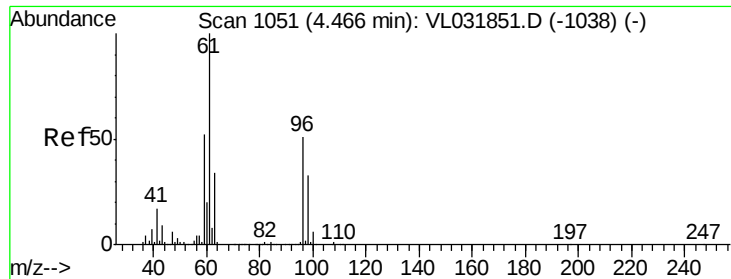
Tgt Ion: 39 Resp: 10964

Ion Ratio Lower Upper

39 100

54 0.0 63.3 94.9#

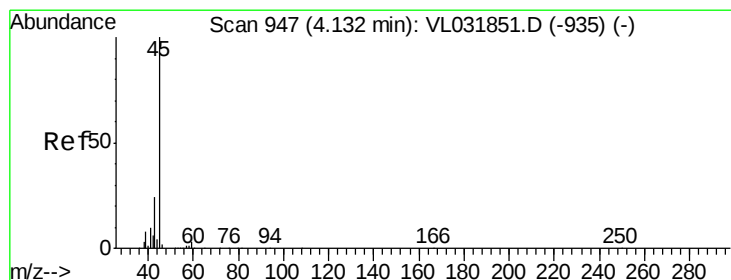
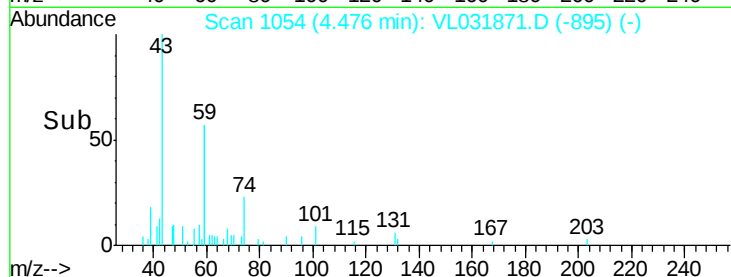
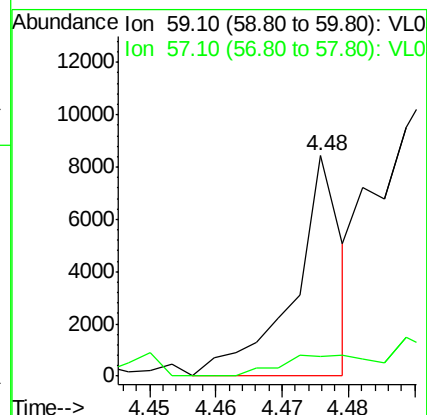
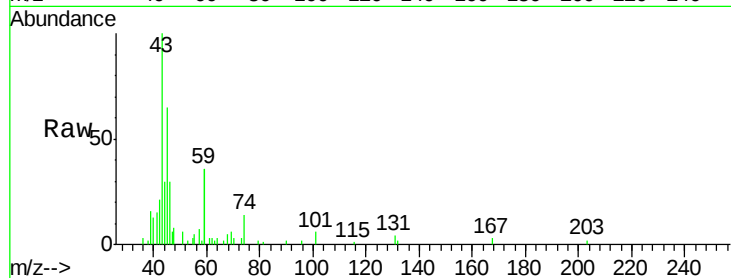




#17
 tert-Butyl alcohol
 Concen: 0.06 ppbv
 RT: 4.48 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: VL031871.D
 Acq: 12 Apr 2018 18:46

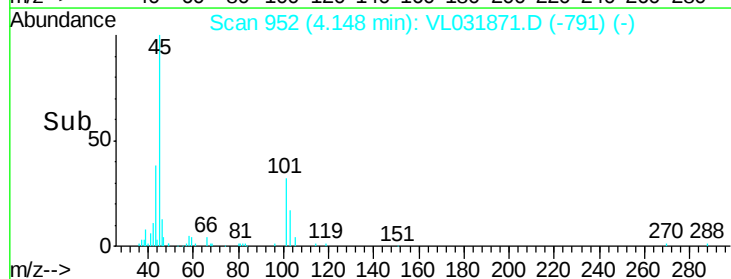
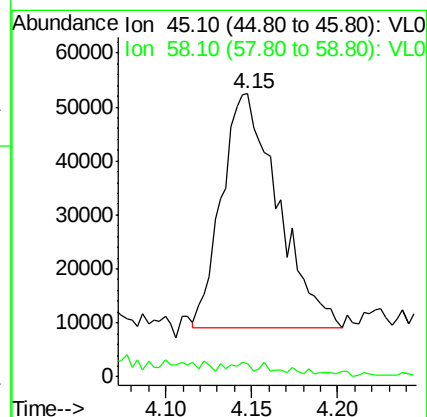
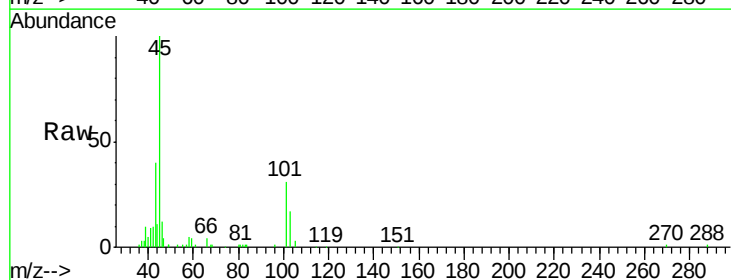
Instrument :
 MSVOA_L
 ClientSampleId :
 SSDS-INF-040218

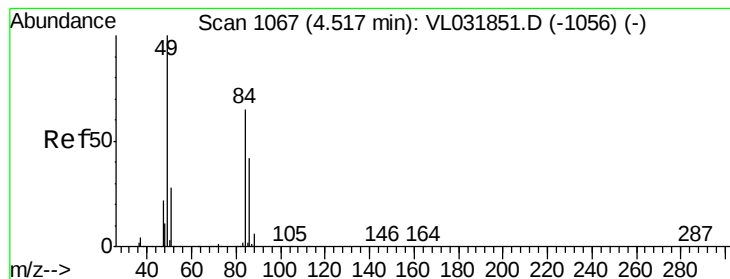
Tgt Ion: 59 Resp: 4191
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#



#19
 Isopropyl Alcohol
 Concen: 1.02 ppbv
 RT: 4.15 min Scan# 952
 Delta R.T. 0.02 min
 Lab File: VL031871.D
 Acq: 12 Apr 2018 18:46

Tgt Ion: 45 Resp: 98904
 Ion Ratio Lower Upper
 45 100
 58 931.3 1.7 2.5#





#20

Methylene Chloride

Concen: 10.67 ppbv

RT: 4.52 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VL031871.D

Acq: 12 Apr 2018 18:46

Instrument :

MSVOA_L

ClientSampleId :

SSDS-INF-040218

Tgt Ion: 84 Resp: 674620

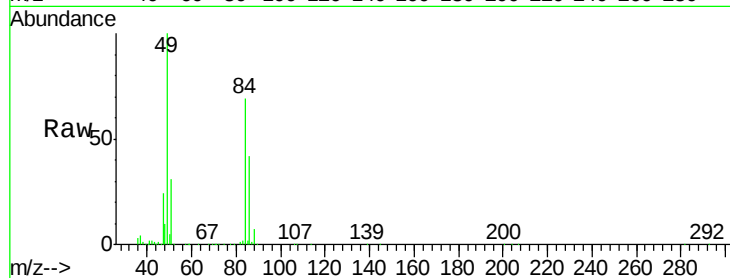
Ion Ratio Lower Upper

84 100

49 144.6 125.6 188.4

51 45.1 36.4 54.6

86 61.1 53.7 80.5

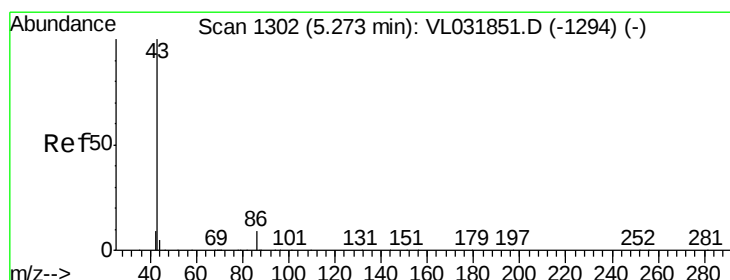
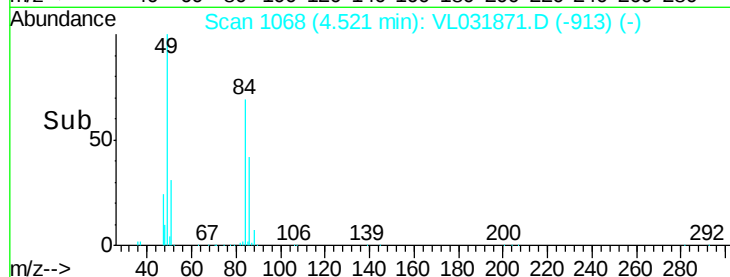
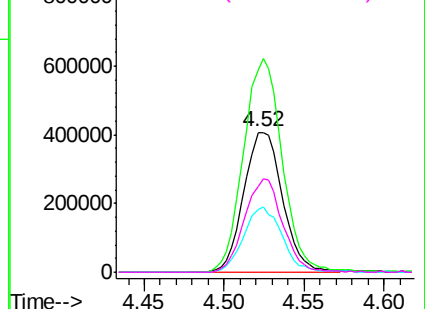


Abundance Ion 84.00 (83.70 to 84.70): VL0

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: 5.27 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VL031871.D

Acq: 12 Apr 2018 18:46

Tgt Ion: 43 Resp: 23936

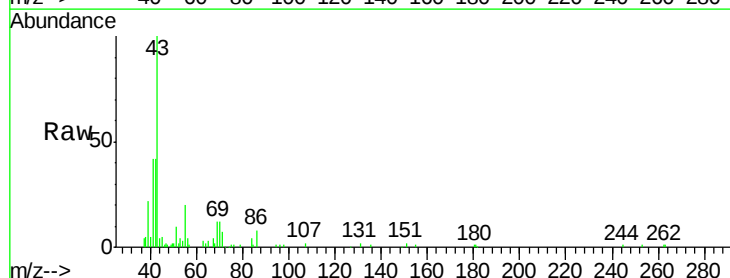
Ion Ratio Lower Upper

43 100

86 8.7 5.8 8.8

42 41.4 8.5 12.7#

44 0.0 4.2 6.4#

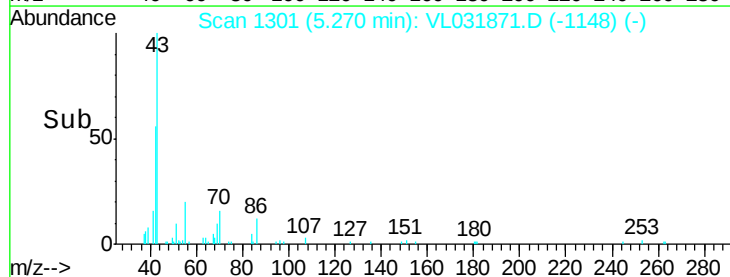
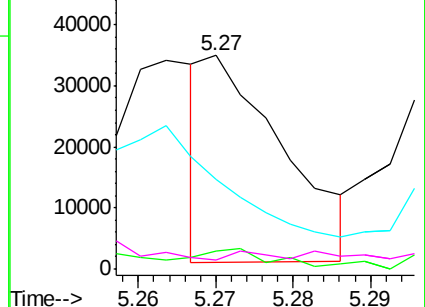


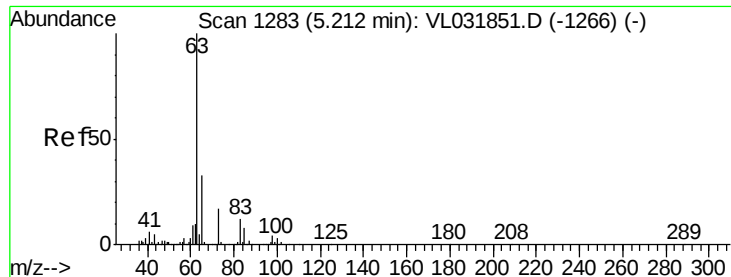
Abundance Ion 43.10 (42.80 to 43.80): VL0

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





#24

1,1-Dichloroethane

Concen: 0.17 ppbv

RT: 5.21 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VL031871.D

Acq: 12 Apr 2018 18:46

Instrument :

MSVOA_L

ClientSampleId :

SSDS-INF-040218

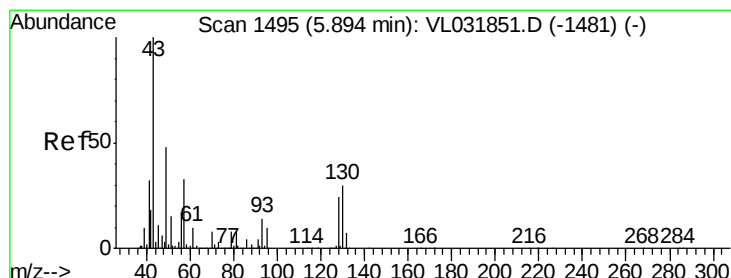
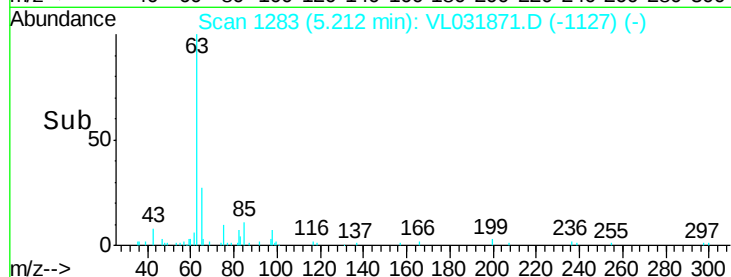
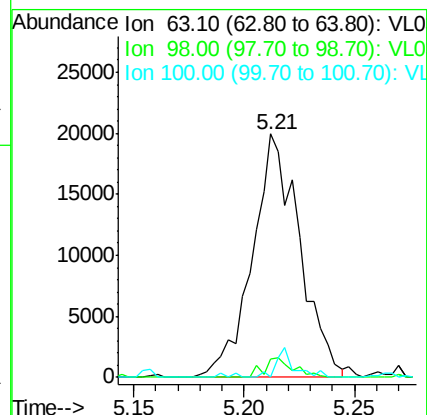
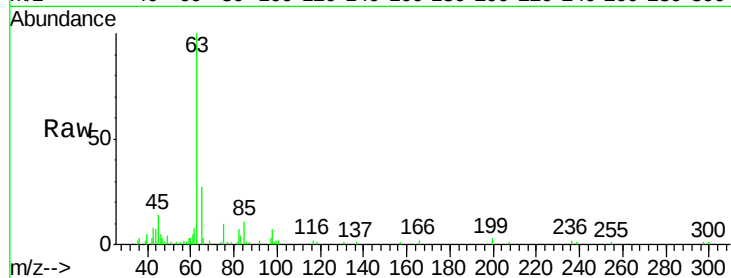
Tgt Ion: 63 Resp: 29485

Ion Ratio Lower Upper

63 100

98 7.5 2.4 7.2#

100 0.0 1.5 4.4#



#25

Ethyl Acetate

Concen: 1.70 ppbv

RT: 5.91 min Scan# 1499

Delta R.T. 0.01 min

Lab File: VL031871.D

Acq: 12 Apr 2018 18:46

Tgt Ion: 43 Resp: 460010

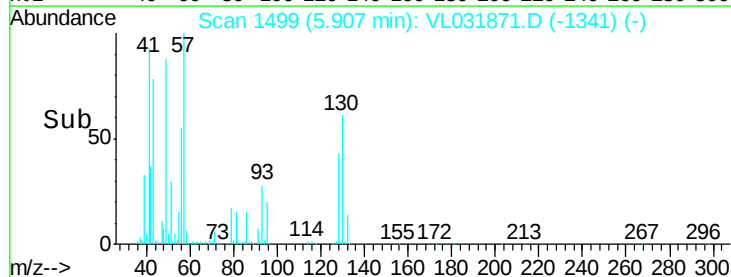
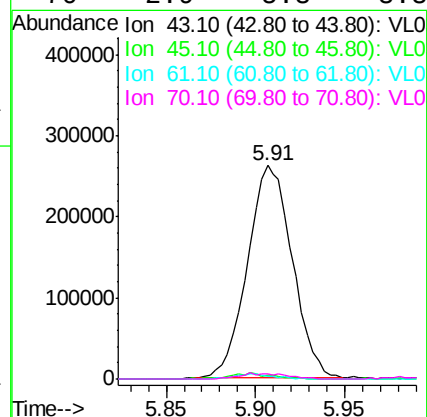
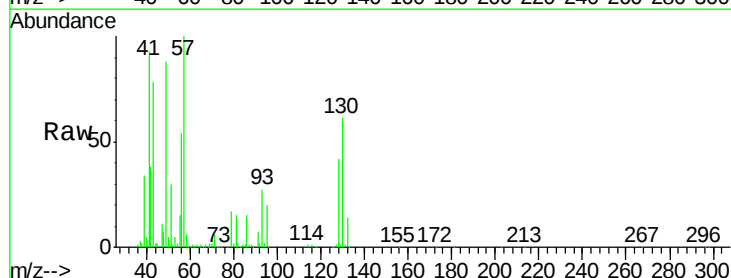
Ion Ratio Lower Upper

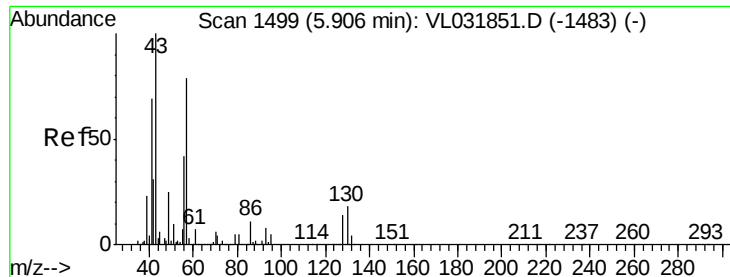
43 100

45 2.9 7.8 11.8#

61 2.1 7.2 10.8#

70 2.9 5.8 8.8#

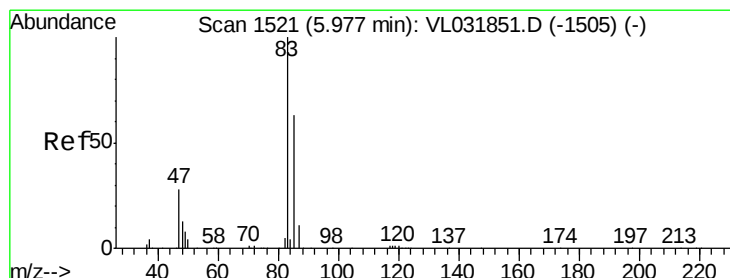
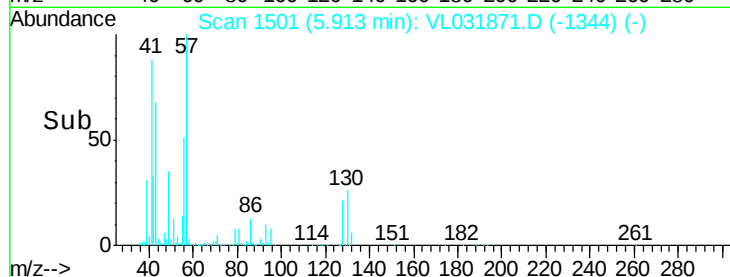
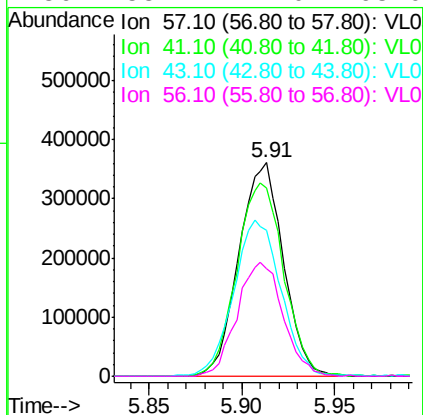
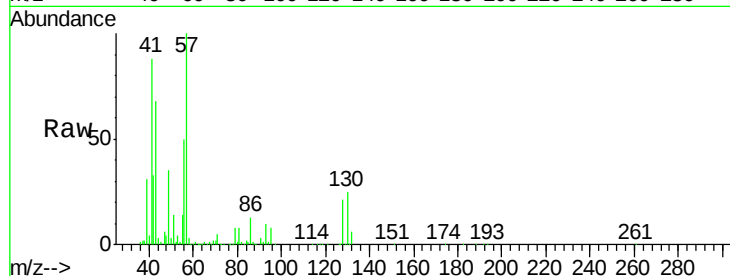




#26
Hexane
Concen: 4.74 ppbv
RT: 5.91 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VL031871.D
Acq: 12 Apr 2018 18:46

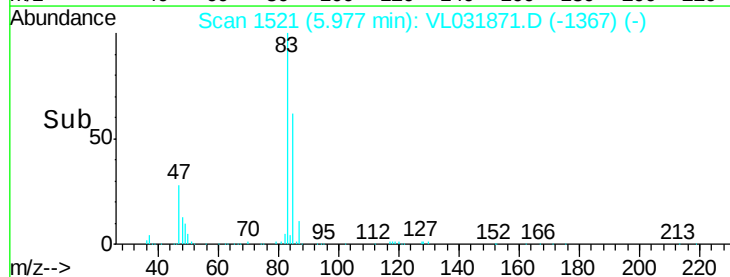
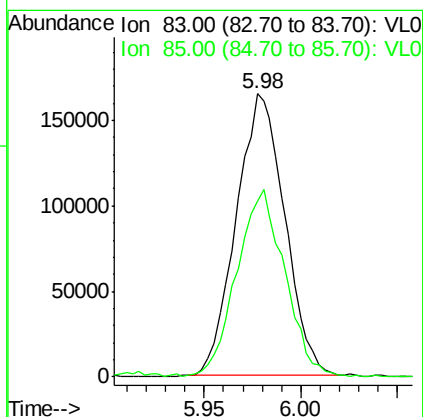
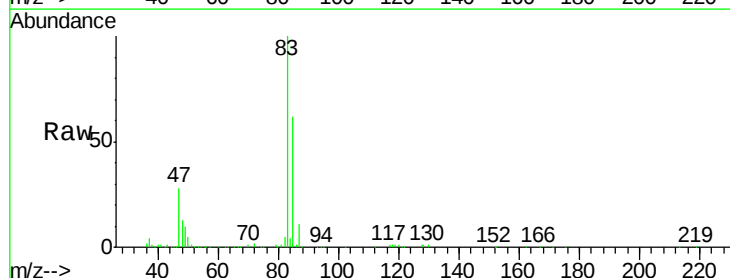
Instrument :
MSVOA_L
ClientSampleId :
SSDS-INF-040218

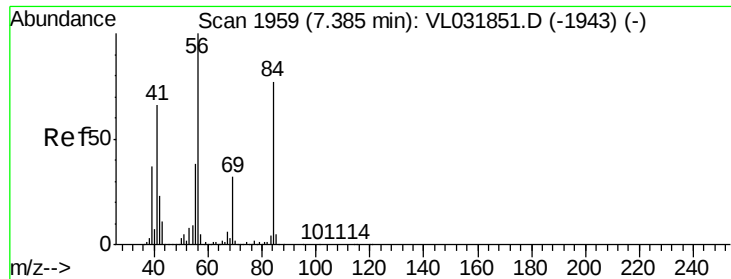
Tgt Ion: 57 Resp: 598300
Ion Ratio Lower Upper
57 100
41 96.7 72.0 108.0
43 78.6 169.8 254.8#
56 55.4 42.0 63.0



#29
Chloroform
Concen: 1.34 ppbv
RT: 5.98 min Scan# 1521
Delta R.T. -0.00 min
Lab File: VL031871.D
Acq: 12 Apr 2018 18:46

Tgt Ion: 83 Resp: 286790
Ion Ratio Lower Upper
83 100
85 62.2 51.4 77.0

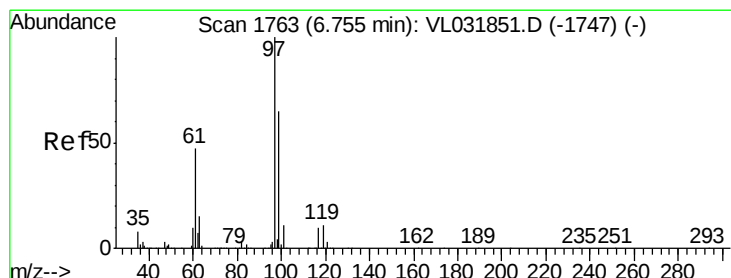
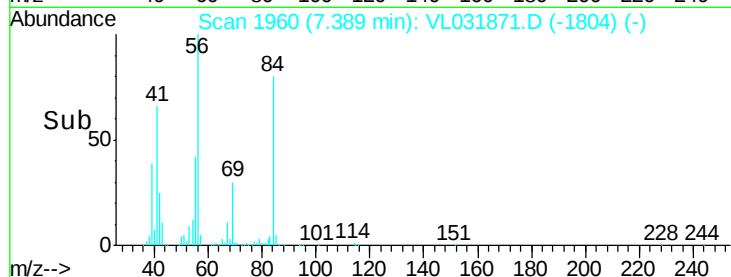
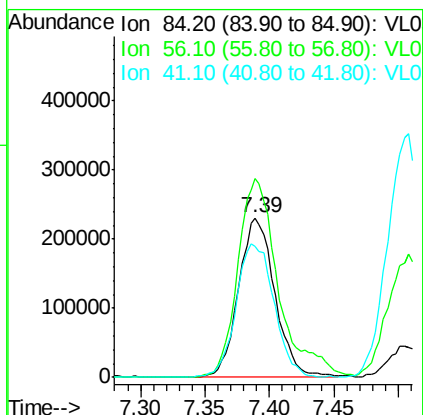
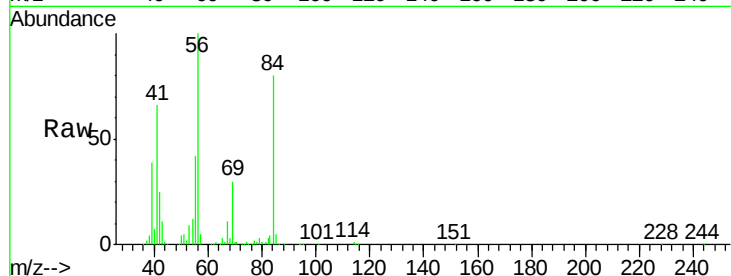




#30
Cyclohexane
Concen: 5.02 ppbv
RT: 7.39 min Scan# 1960
Delta R.T. -0.00 min
Lab File: VL031871.D
Acq: 12 Apr 2018 18:46

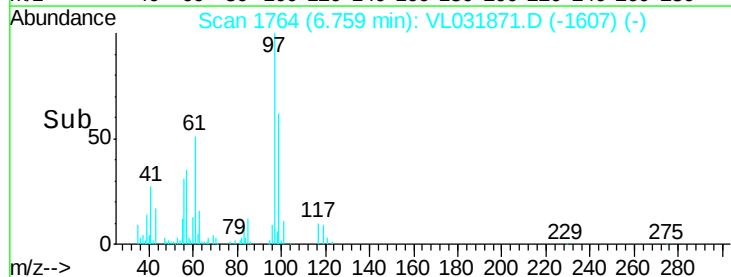
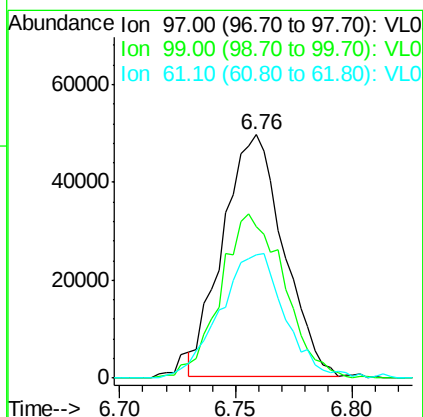
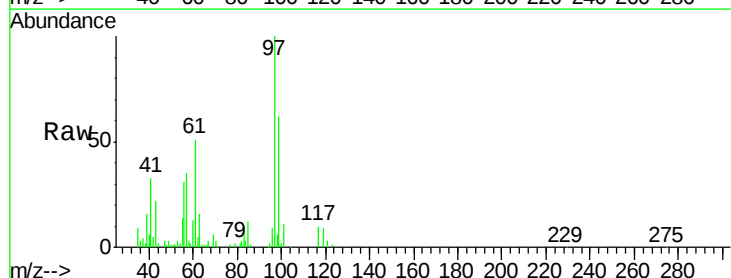
Instrument :
MSVOA_L
ClientSampleId :
SSDS-INF-040218

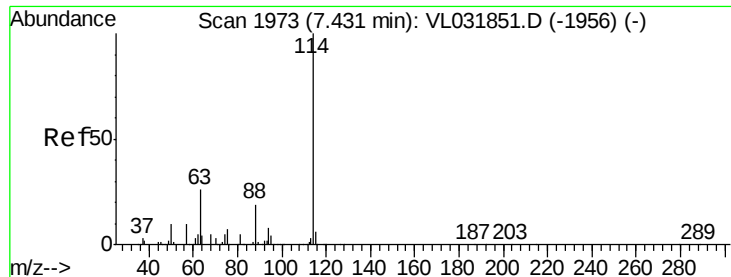
Tgt Ion: 84 Resp: 452670
Ion Ratio Lower Upper
84 100
56 139.9 107.7 161.5
41 87.2 68.2 102.2



#32
1,1,1-Trichloroethane
Concen: 0.43 ppbv
RT: 6.76 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VL031871.D
Acq: 12 Apr 2018 18:46

Tgt Ion: 97 Resp: 89545
Ion Ratio Lower Upper
97 100
99 71.6 51.5 77.3
61 55.7 40.0 60.0

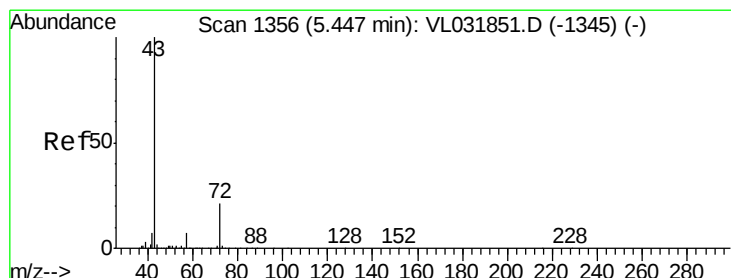
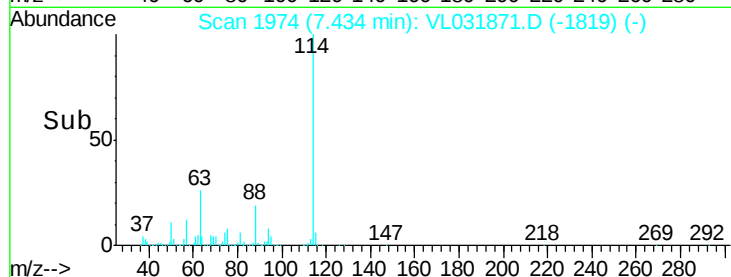
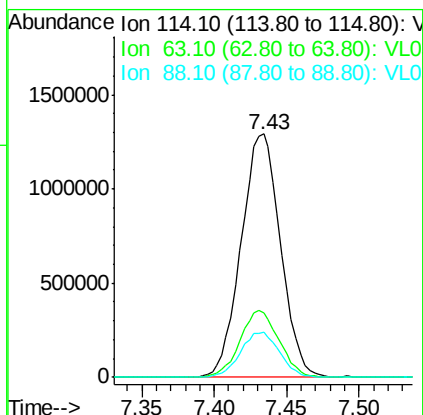
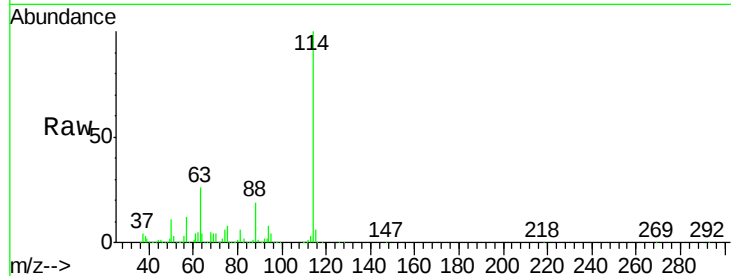




#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.43 min Scan# 1974
 Delta R.T. -0.00 min
 Lab File: VL031871.D
 Acq: 12 Apr 2018 18:46

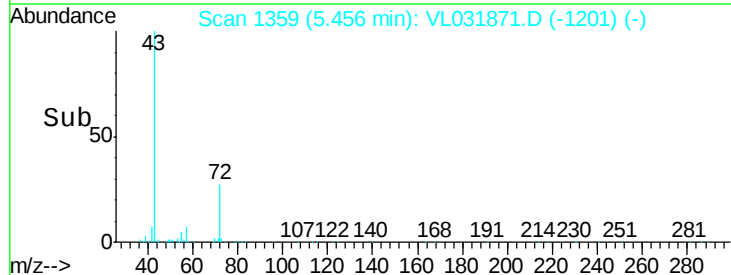
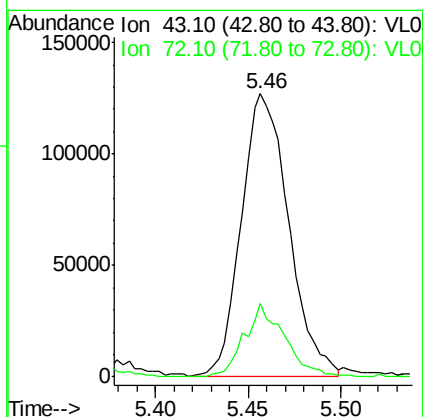
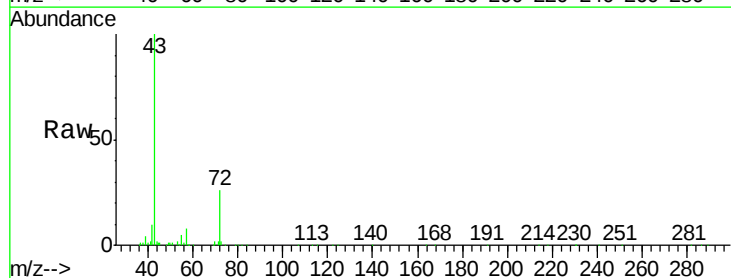
Instrument :
 MSVOA_L
 ClientSampleId :
 SSDS-INF-040218

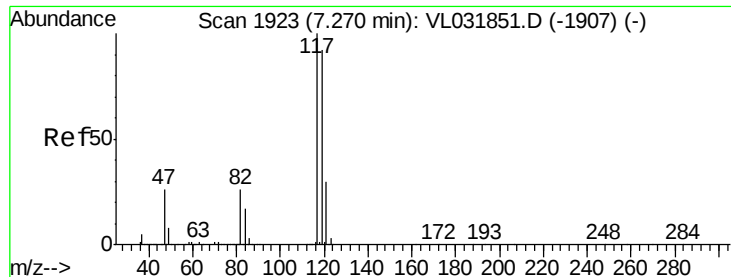
Tgt Ion:114 Resp: 2443513
 Ion Ratio Lower Upper
 114 100
 63 27.4 21.8 32.6
 88 18.6 14.6 22.0



#34
 2-Butanone
 Concen: 1.32 ppbv
 RT: 5.46 min Scan# 1359
 Delta R.T. 0.01 min
 Lab File: VL031871.D
 Acq: 12 Apr 2018 18:46

Tgt Ion: 43 Resp: 223545
 Ion Ratio Lower Upper
 43 100
 72 22.4 18.6 27.8





#35

Carbon Tetrachloride

Concen: 0.05 ppbv

RT: 7.28 min Scan# 1926

Delta R.T. 0.01 min

Lab File: VL031871.D

Acq: 12 Apr 2018 18:46

Instrument :

MSVOA_L

ClientSampleId :

SSDS-INF-040218

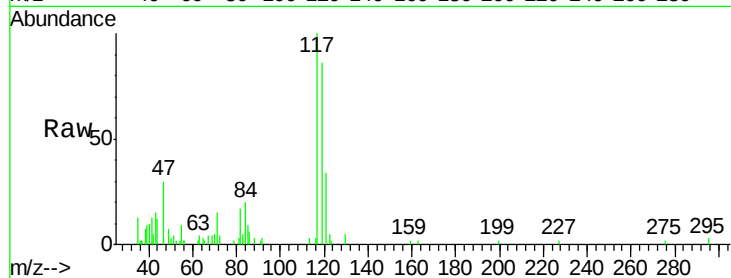
Tgt Ion: 117 Resp: 9670

Ion Ratio Lower Upper

117 100

119 89.9 76.9 115.3

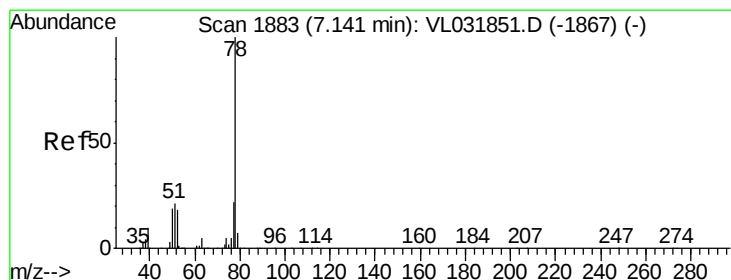
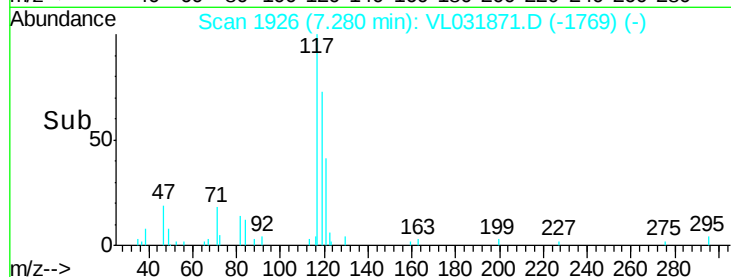
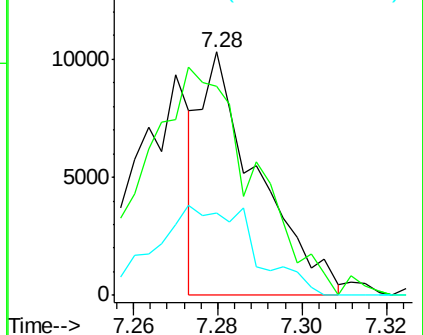
121 35.1 24.5 36.7



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 0.15 ppbv

RT: 7.14 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VL031871.D

Acq: 12 Apr 2018 18:46

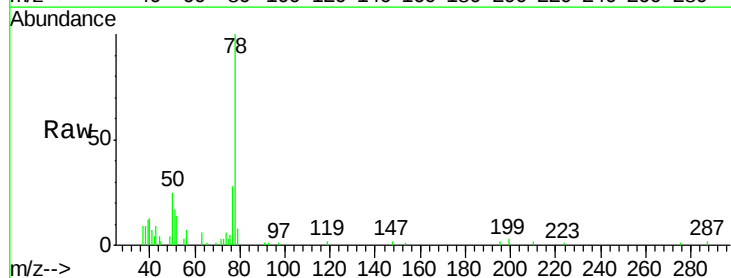
Tgt Ion: 78 Resp: 32125

Ion Ratio Lower Upper

78 100

77 27.9 19.2 28.8

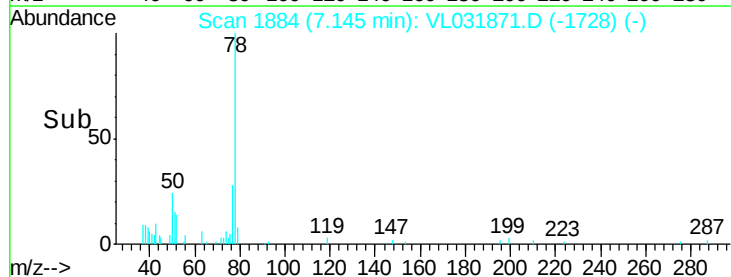
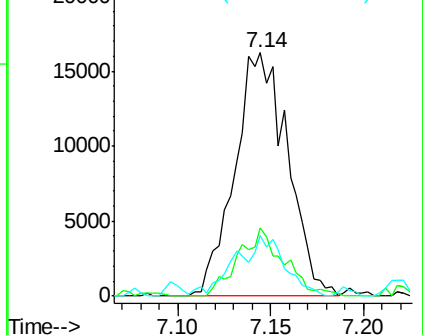
50 23.3 16.7 25.1

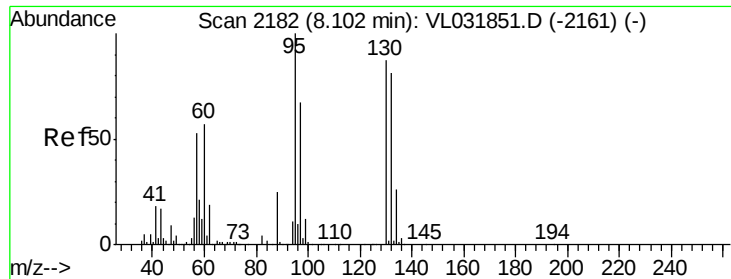


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

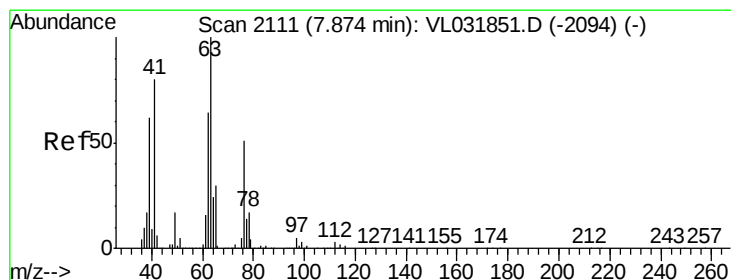
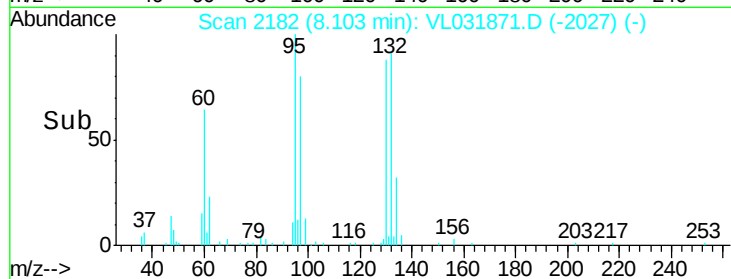
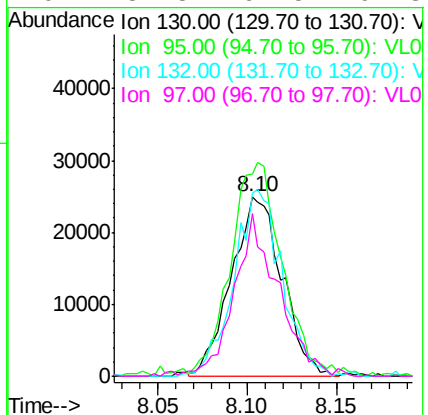
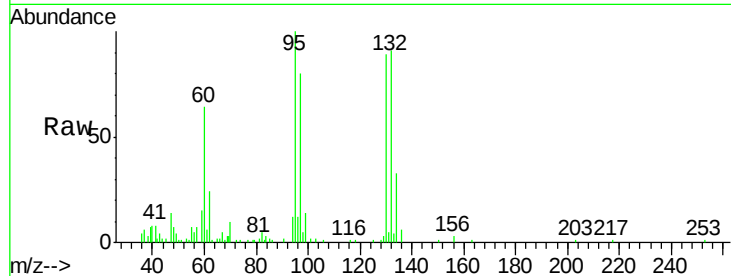




#38
 Trichloroethene
 Concen: 0.56 ppbv
 RT: 8.10 min Scan# 2182
 Delta R.T. -0.00 min
 Lab File: VL031871.D
 Acq: 12 Apr 2018 18:46

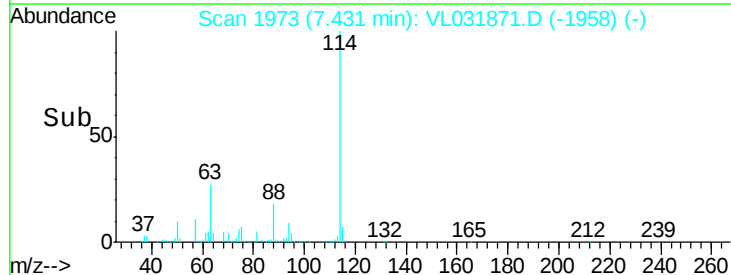
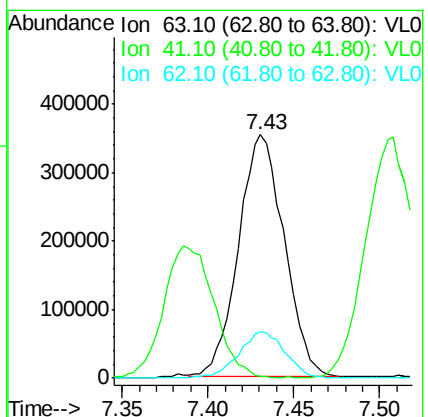
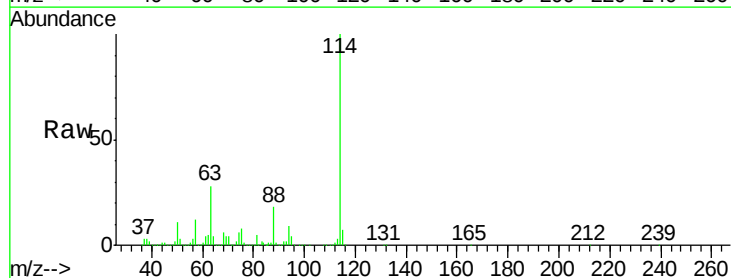
Instrument :
 MSVOA_L
 ClientSampleId :
 SSDS-INF-040218

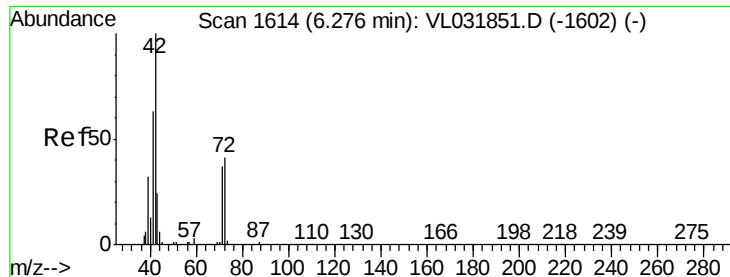
Tgt Ion: 130 Resp: 49619
 Ion Ratio Lower Upper
 130 100
 95 111.3 96.6 144.8
 132 100.7 79.1 118.7
 97 87.8 61.5 92.3



#39
 1,2-Dichloropropane
 Concen: 7.98 ppbv
 RT: 7.43 min Scan# 1973
 Delta R.T. -0.45 min
 Lab File: VL031871.D
 Acq: 12 Apr 2018 18:46

Tgt Ion: 63 Resp: 652124
 Ion Ratio Lower Upper
 63 100
 41 0.0 65.8 98.6#
 62 18.9 55.0 82.6#





#41

Tetrahydrofuran

Concen: 0.15 ppbv

RT: 6.29 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VL031871.D

Acq: 12 Apr 2018 18:46

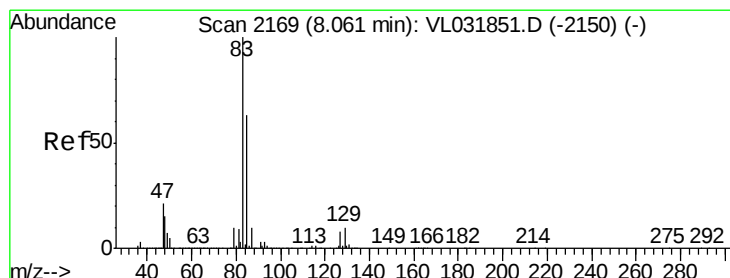
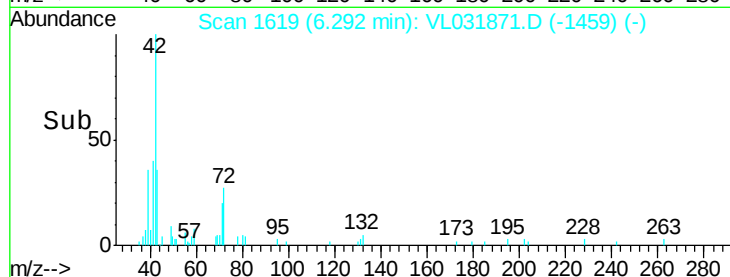
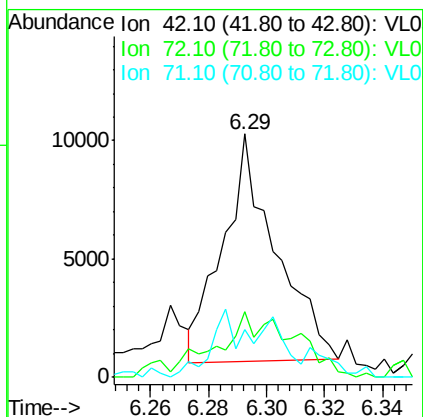
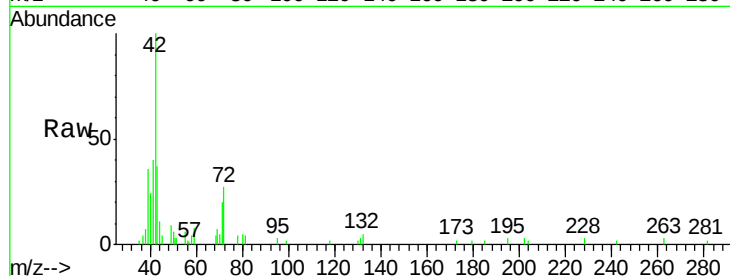
Instrument :

MSVOA_L

ClientSampleId :

SSDS-INF-040218

Tgt Ion:	42	Resp:	12079
Ion	Ratio	Lower	Upper
42	100		
72	44.5	33.2	49.8
71	39.8	31.5	47.3



#42

Bromodichloromethane

Concen: 0.08 ppbv

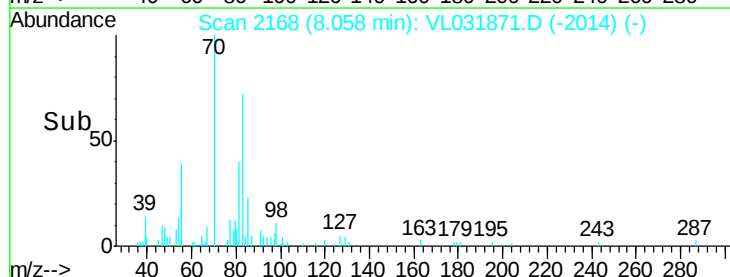
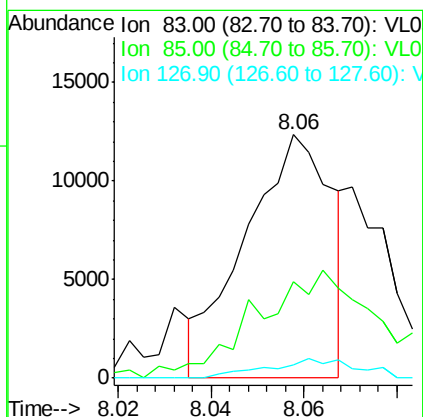
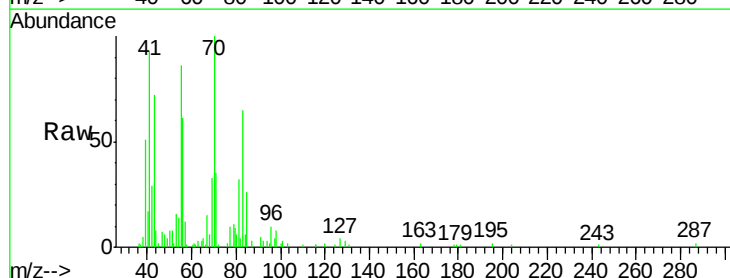
RT: 8.06 min Scan# 2168

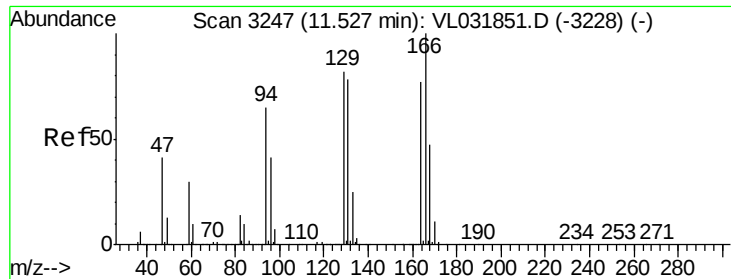
Delta R.T. -0.00 min

Lab File: VL031871.D

Acq: 12 Apr 2018 18:46

Tgt Ion:	83	Resp:	16019
Ion	Ratio	Lower	Upper
83	100		
85	42.2	50.5	75.7#
127	7.3	6.0	9.0





#52

Tetrachloroethene

Concen: 0.14 ppbv

RT: 11.52 min Scan# 3245

Delta R.T. -0.00 min

Lab File: VL031871.D

Acq: 12 Apr 2018 18:46

Instrument :

MSVOA_L

ClientSampleId :

SSDS-INF-040218

Tgt Ion:164 Resp: 12058

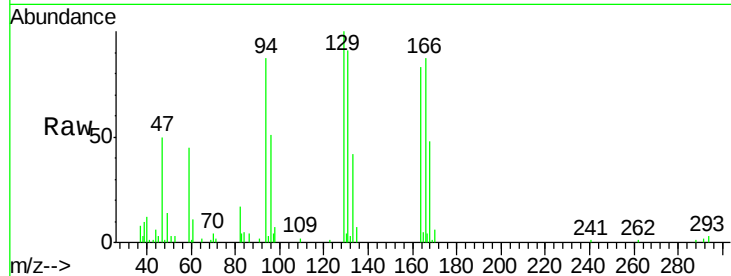
Ion Ratio Lower Upper

164 100

166 102.2 98.2 147.4

129 121.2 86.5 129.7

131 108.5 82.2 123.2

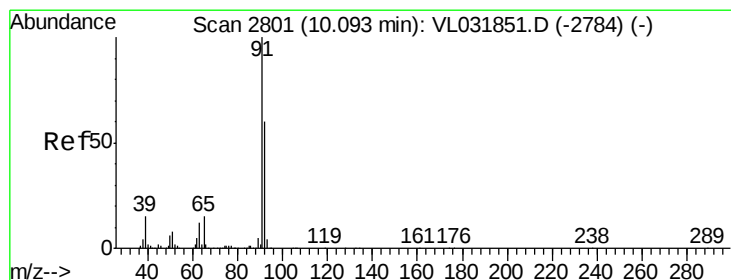
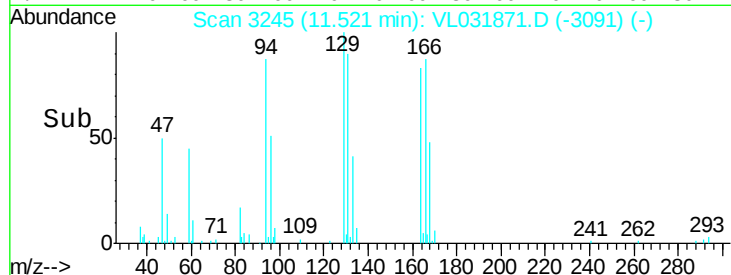
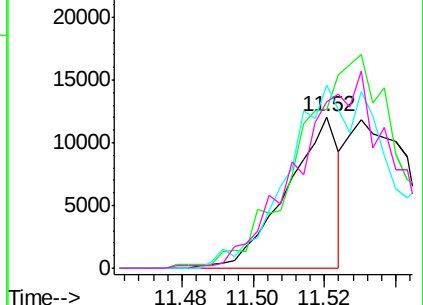


Abundance Ion 163.90 (163.60 to 164.60): V

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: 22.35 ppbv

RT: 10.10 min Scan# 2802

Delta R.T. 0.00 min

Lab File: VL031871.D

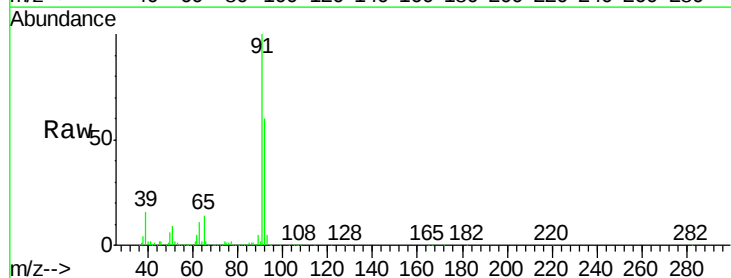
Acq: 12 Apr 2018 18:46

Tgt Ion: 91 Resp: 5478719

Ion Ratio Lower Upper

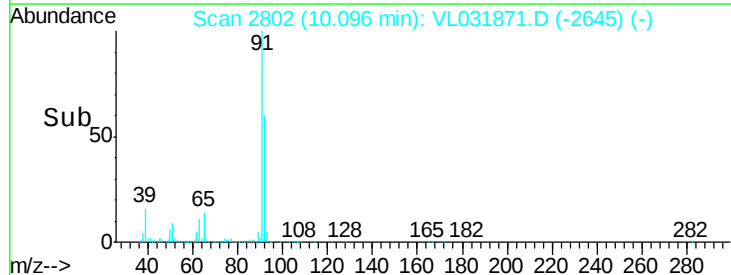
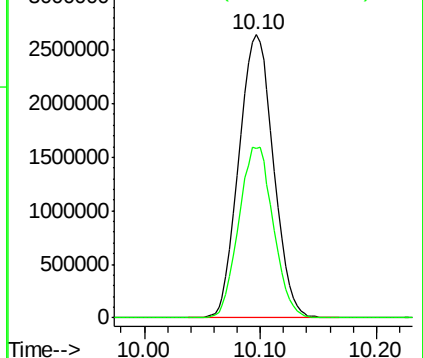
91 100

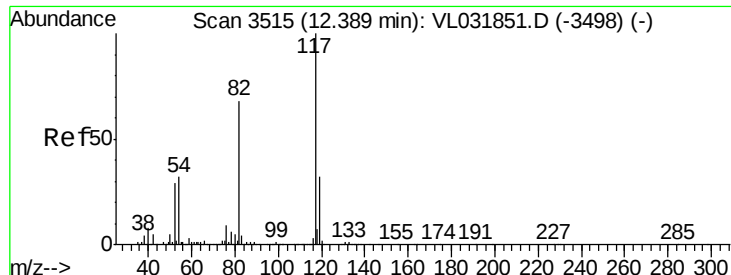
92 60.4 47.4 71.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

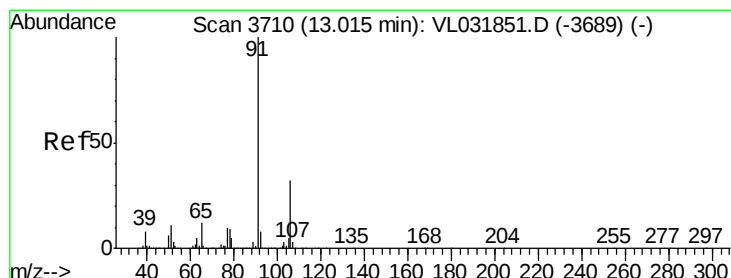
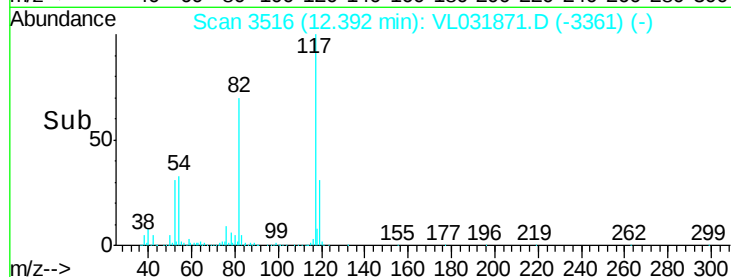
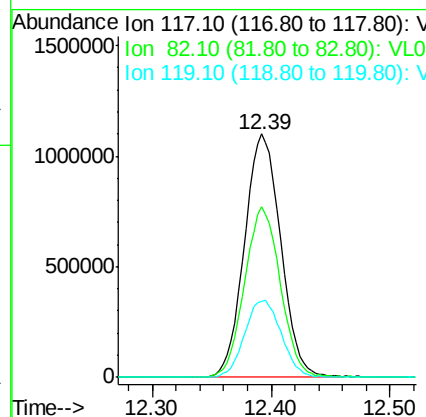
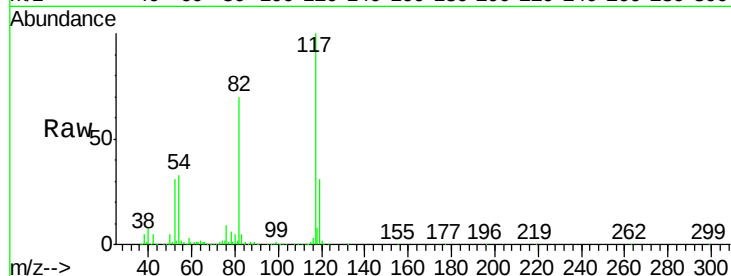




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.39 min Scan# 3516
Delta R.T. -0.00 min
Lab File: VL031871.D
Acq: 12 Apr 2018 18:46

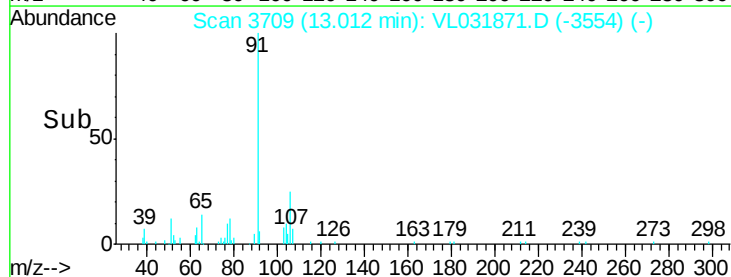
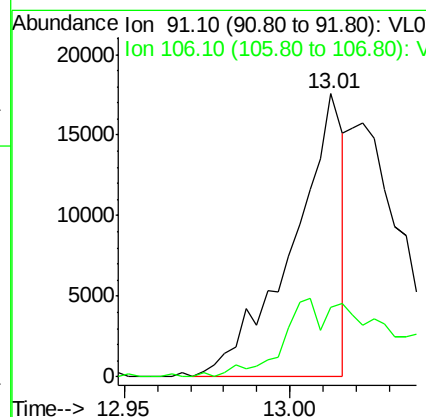
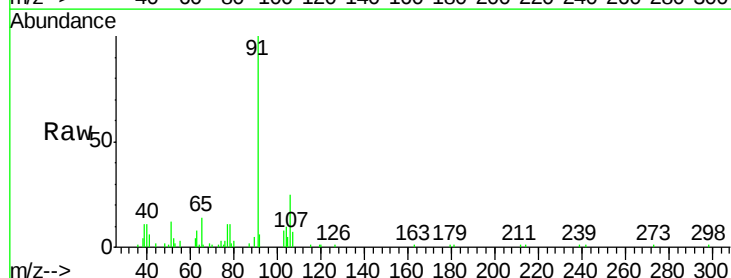
Instrument :
MSVOA_L
ClientSampleId :
SSDS-INF-040218

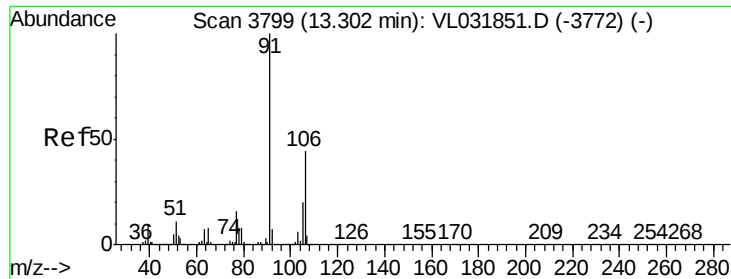
Tgt Ion: 117 Resp: 2320751
Ion Ratio Lower Upper
117 100
82 69.6 54.6 81.8
119 32.4 26.0 39.0



#58
Ethyl Benzene
Concen: 0.06 ppbv
RT: 13.01 min Scan# 3709
Delta R.T. -0.00 min
Lab File: VL031871.D
Acq: 12 Apr 2018 18:46

Tgt Ion: 91 Resp: 18747
Ion Ratio Lower Upper
91 100
106 24.7 23.8 35.6

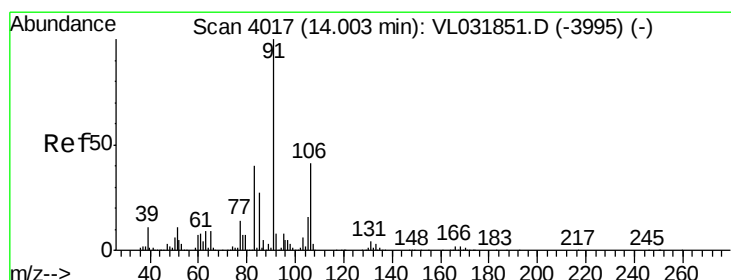
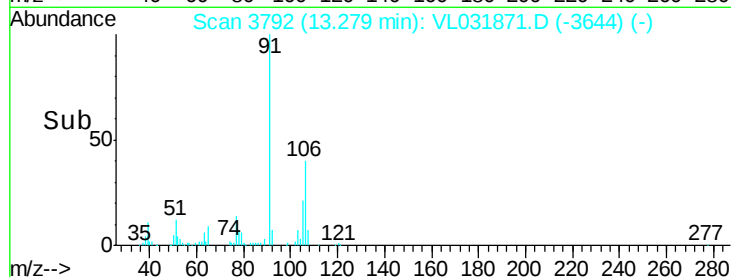
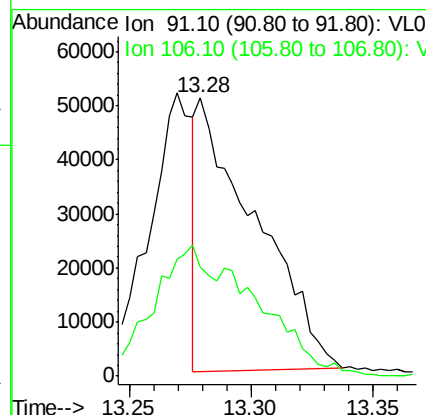
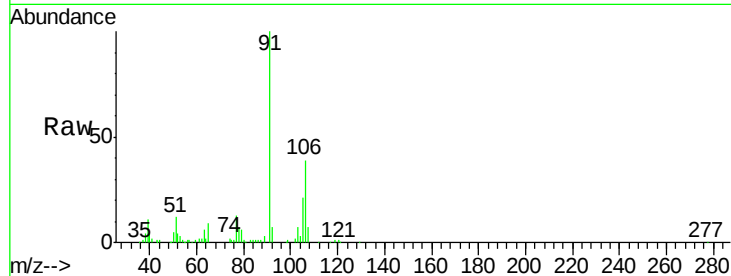




#59
m/p-Xylene
Concen: 0.30 ppbv
RT: 13.28 min Scan# 3792
Delta R.T. -0.02 min
Lab File: VL031871.D
Acq: 12 Apr 2018 18:46

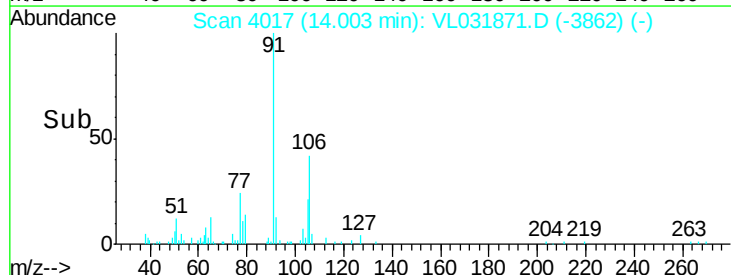
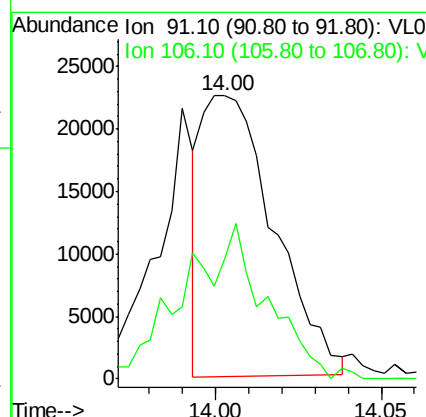
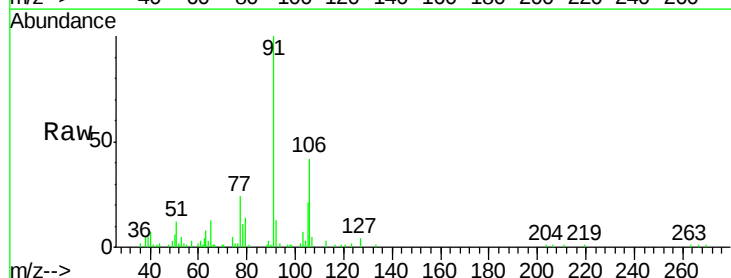
Instrument :
MSVOA_L
ClientSampleId :
SSDS-INF-040218

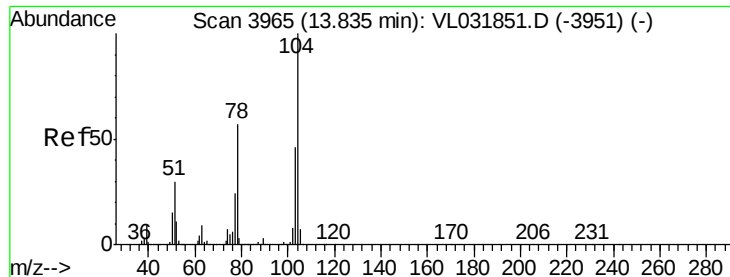
Tgt Ion: 91 Resp: 83166
Ion Ratio Lower Upper
91 100
106 85.6 35.5 53.3#



#60
o-Xylene
Concen: 0.12 ppbv
RT: 14.00 min Scan# 4017
Delta R.T. -0.00 min
Lab File: VL031871.D
Acq: 12 Apr 2018 18:46

Tgt Ion: 91 Resp: 33908
Ion Ratio Lower Upper
91 100
106 64.3 21.3 63.9#





#61

Styrene

Concen: 0.06 ppbv

RT: 13.83 min Scan# 3964

Delta R.T. -0.01 min

Lab File: VL031871.D

Acq: 12 Apr 2018 18:46

Instrument :

MSVOA_L

ClientSampleId :

SSDS-INF-040218

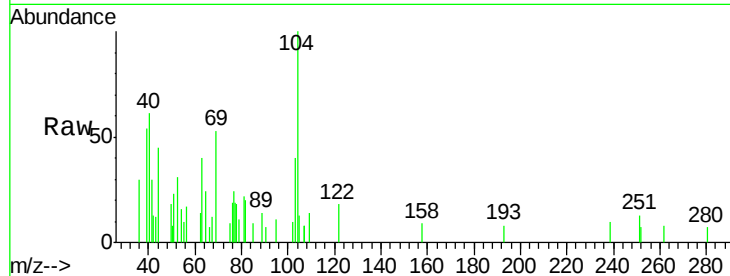
Tgt Ion: 104 Resp: 3181

Ion Ratio Lower Upper

104 100

78 90.0 44.4 66.6#

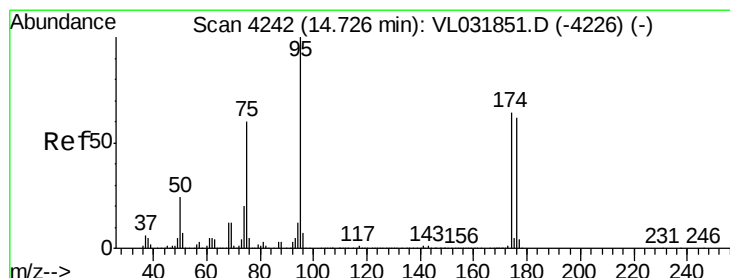
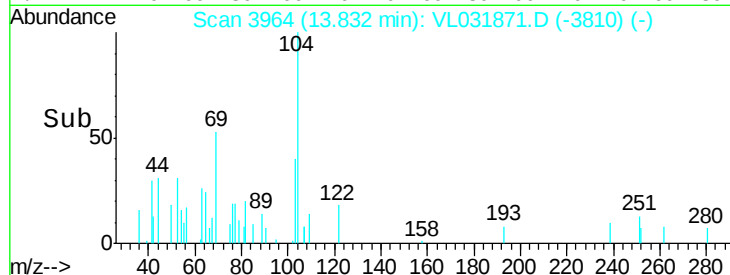
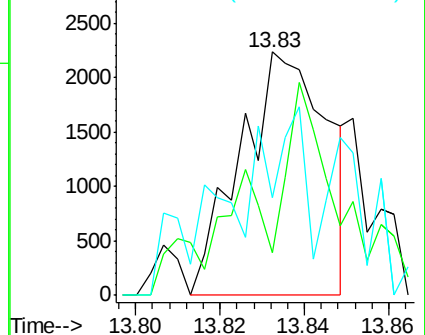
103 98.8 37.9 56.9#



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.28 ppbv

RT: 14.73 min Scan# 4243

Delta R.T. -0.00 min

Lab File: VL031871.D

Acq: 12 Apr 2018 18:46

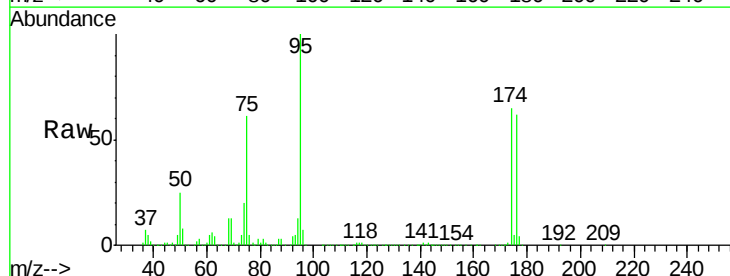
Tgt Ion: 95 Resp: 1918935

Ion Ratio Lower Upper

95 100

174 65.5 52.3 78.5

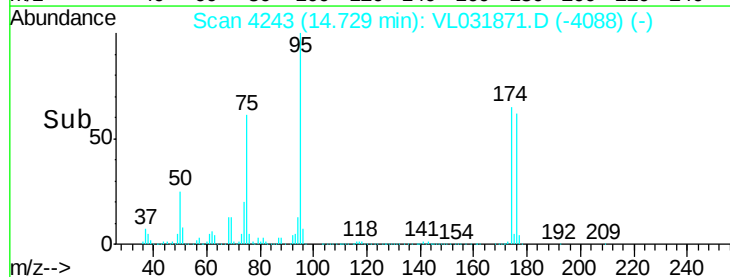
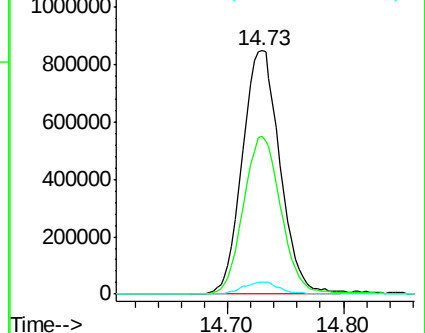
175 4.7 3.9 5.9

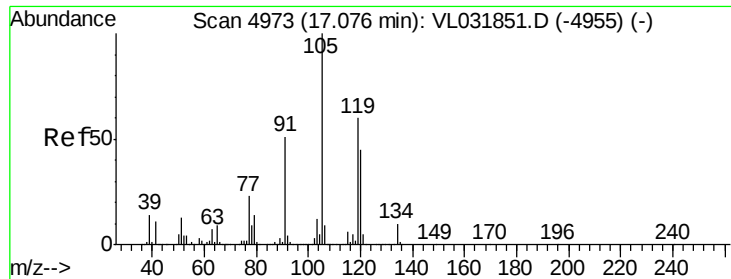


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





#74
 1,2,4-Trimethylbenzene
 Concen: 0.05 ppbv
 RT: 17.08 min Scan# 4974
 Delta R.T. 0.00 min
 Lab File: VL031871.D
 Acq: 12 Apr 2018 18:46

Instrument :
 MSVOA_L
 ClientSampleId :
 SSDS-INF-040218

Tgt Ion:	105	Resp:	15647
Ion	Ratio	Lower	Upper
105	100		
120	46.2	37.0	55.4
91	23.1	43.0	64.4#
77	35.4	18.7	28.1#

