

Data File : VL033846.D
Acq On : 29 May 2019 22:10
Operator : SY/AP
Sample : K3067-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SG-15-20190522-0

Quant Time: May 30 02:13:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May 17 08:15:41 2019
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	695271	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	1753811	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	1782502	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1460084	10.10	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.00%

Target Compounds

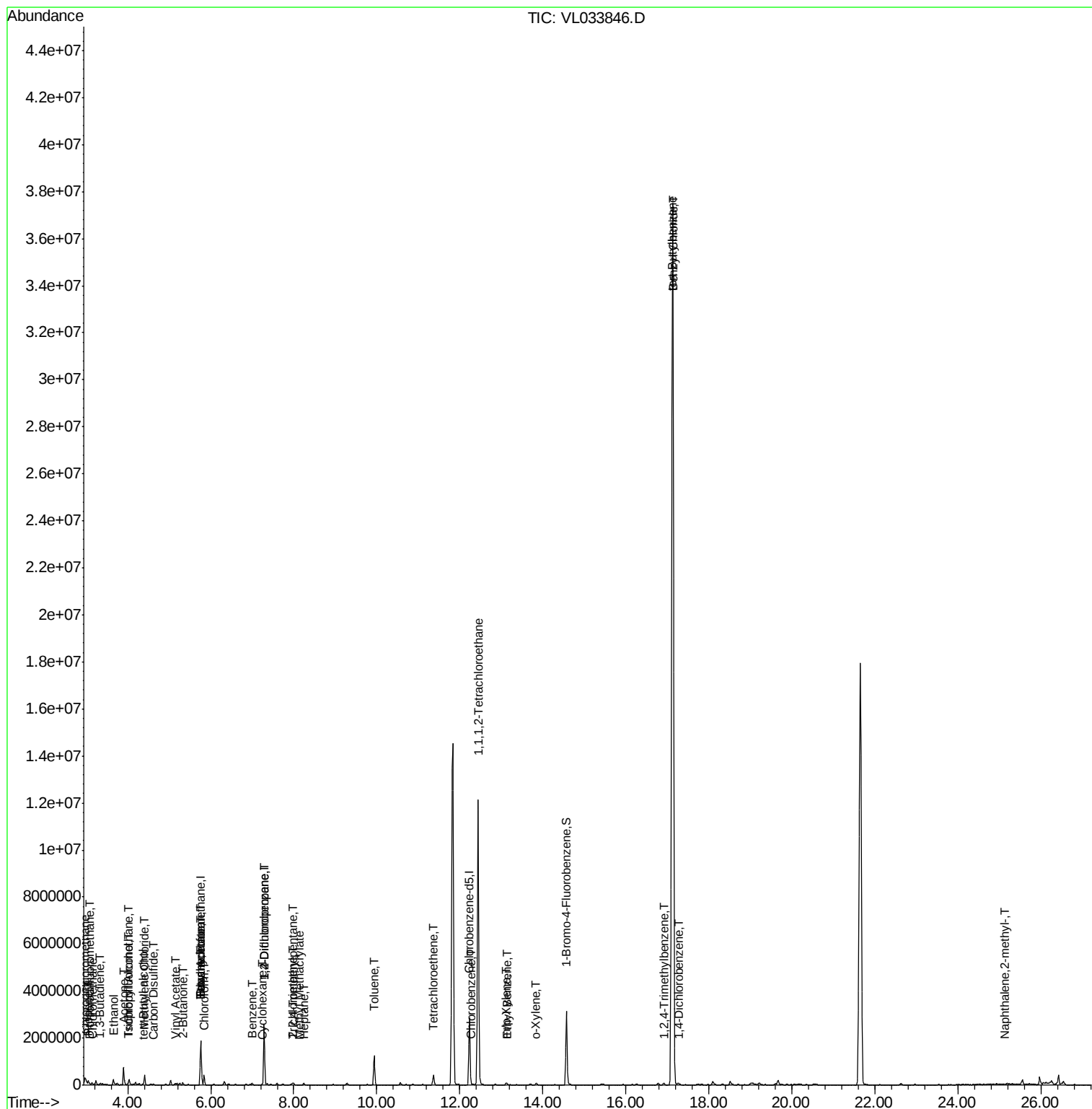
						Qvalue
2) Dichlorodifluoromethane	3.08	85	17125	0.117	ppbv	96
3) Chlorodifluoromethane	2.99	51	59887	0.752	ppbv #	68
4) Chloromethane	3.17	50	10792	0.237	ppbv	97
9) Propene	3.04	41	7578	0.224	ppbv	99
10) Heptane	8.24	43	12685	0.132	ppbv #	27
11) Trichlorofluoromethane	4.00	101	43179	0.309	ppbv	85
13) Ethanol	3.65	45	201049	18.363	ppbv	99
15) Acetone	3.90	43	719694	7.461	ppbv	98
16) 1,3-Butadiene	3.35	39	13426	0.350	ppbv #	20
17) tert-Butyl alcohol	4.37	59	7104	0.091	ppbv #	60
19) Isopropyl Alcohol	4.03	45	245725	3.951	ppbv #	94
20) Methylene Chloride	4.40	84	146758	3.951	ppbv	98
23) Vinyl Acetate	5.14	43	30494	0.240	ppbv #	81
25) Ethyl Acetate	5.77	43	194179	1.146	ppbv #	81
26) Hexane	5.77	57	253436	3.479	ppbv #	40
27) Carbon Disulfide	4.62	76	23491	0.235	ppbv #	91
29) Chloroform	5.84	83	271007	2.020	ppbv	99
30) Cyclohexane	7.24	84	2236	0.037	ppbv #	1
34) 2-Butanone	5.33	43	106725	0.982	ppbv	97
36) Benzene	7.00	78	61704	0.387	ppbv	98
38) Trichloroethene	7.96	130	6175	0.104	ppbv #	43
39) 1,2-Dichloropropane	7.28	63	456406	7.673	ppbv #	23
41) Tetrahydrofuran	5.77	42	100725	1.654	ppbv #	50
43) Methyl Methacrylate	8.13	69	2187	0.037	ppbv #	50
44) 2,2,4-Trimethylpentane	7.99	57	30351	0.113	ppbv #	1
52) Tetrachloroethene	11.36	164	101307	1.806	ppbv	93
53) Toluene	9.94	91	892307	5.186	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.43	131	67947	0.824	ppbv #	1
57) Chlorobenzene	12.28	112	7798	0.053	ppbv #	84
58) Ethyl Benzene	13.15	91	16582	0.070	ppbv	90
59) m/p-Xylene	13.14	91	10779	0.052	ppbv #	31
60) o-Xylene	13.83	91	20909	0.101	ppbv #	27
65) tert-Butylbenzene	17.12	119	266684	1.043	ppbv #	19
66) Benzyl Chloride	17.15	91	5200	0.043	ppbv #	66
74) 1,2,4-Trimethylbenzene	16.92	105	36532	0.145	ppbv #	79
76) 1,4-Dichlorobenzene	17.29	146	5602	0.038	ppbv #	24
80) Naphthalene,2-methyl-	25.11	142	2739	0.031	ppbv #	81

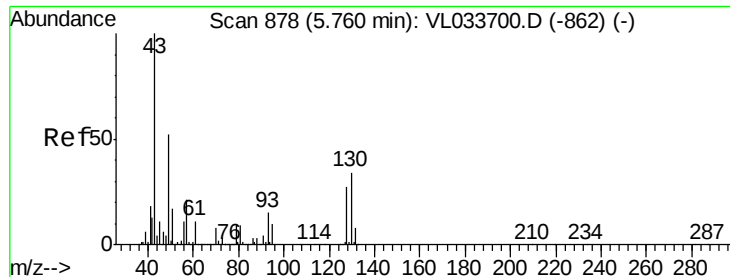
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 877

Delta R.T. -0.00 min

Lab File: VL033846.D

Acq: 29 May 2019 22:10

Instrument :

MSVOA_L

ClientSampleId :

SG-15-20190522-0

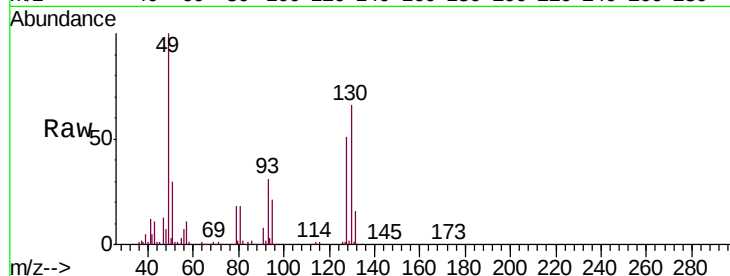
Tgt Ion: 49 Resp: 695271

Ion Ratio Lower Upper

49 100

128 50.3 25.2 75.6

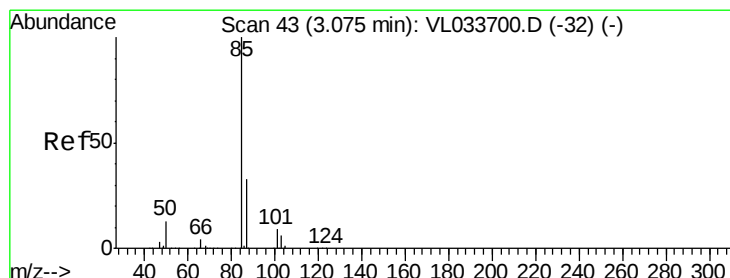
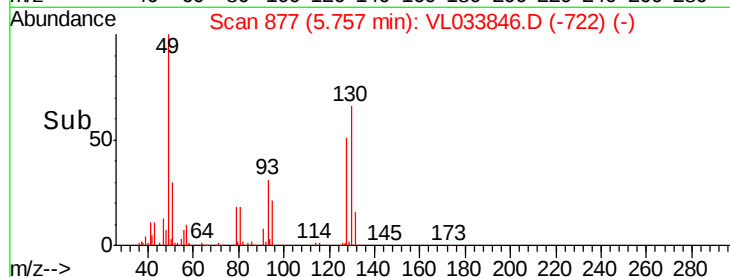
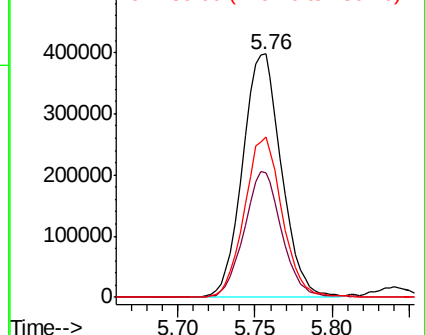
130 64.1 32.5 97.5



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: 0.117 ppbv

RT: 3.08 min Scan# 43

Delta R.T. 0.00 min

Lab File: VL033846.D

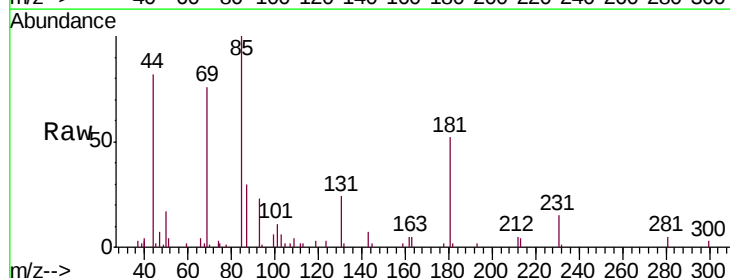
Acq: 29 May 2019 22:10

Tgt Ion: 85 Resp: 17125

Ion Ratio Lower Upper

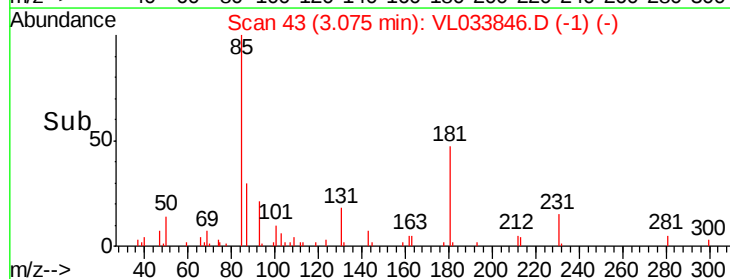
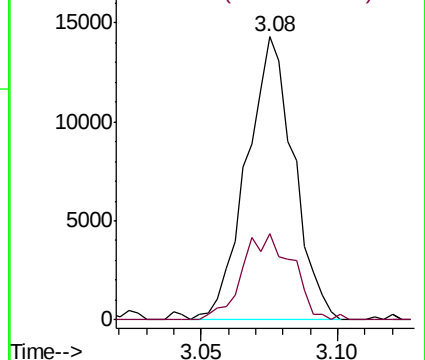
85 100

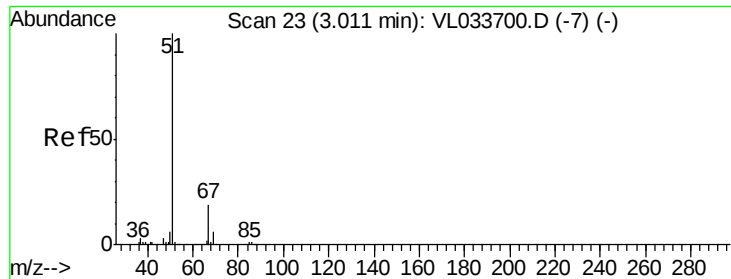
87 30.4 26.3 39.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.752 ppbv

RT: 2.99 min Scan# 16

Delta R.T. -0.02 min

Lab File: VL033846.D

Acq: 29 May 2019 22:10

Instrument :

MSVOA_L

ClientSampleId :

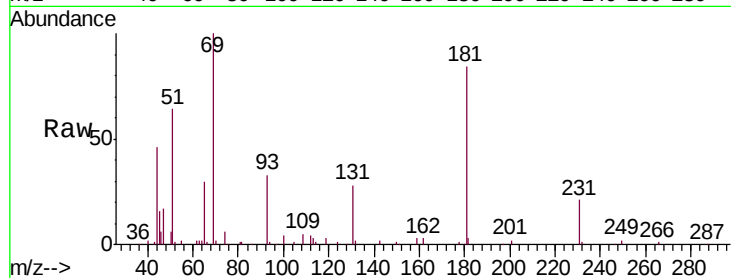
SG-15-20190522-0

Tgt Ion: 51 Resp: 59887

Ion Ratio Lower Upper

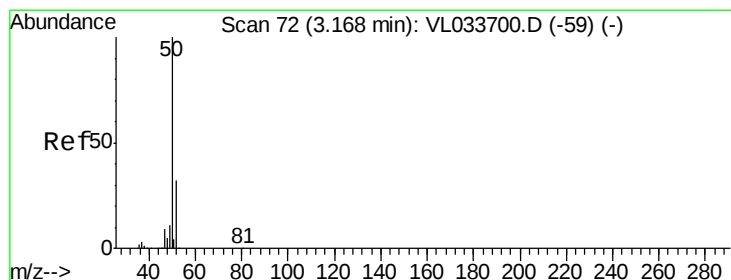
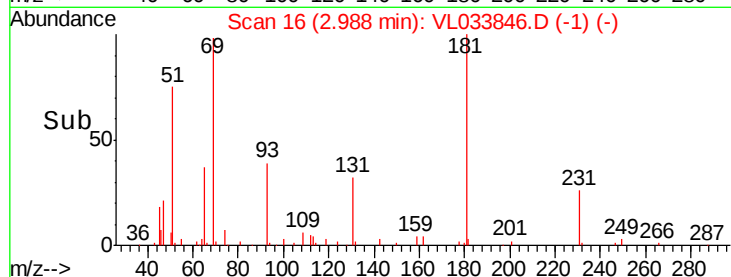
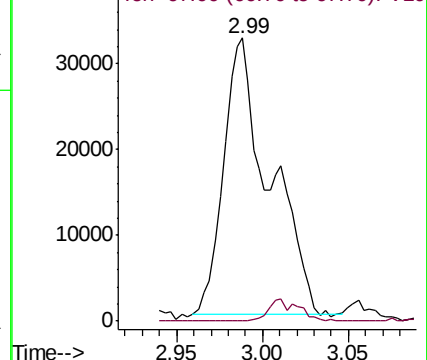
51 100

67 5.1 15.6 23.4#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.237 ppbv

RT: 3.17 min Scan# 72

Delta R.T. 0.00 min

Lab File: VL033846.D

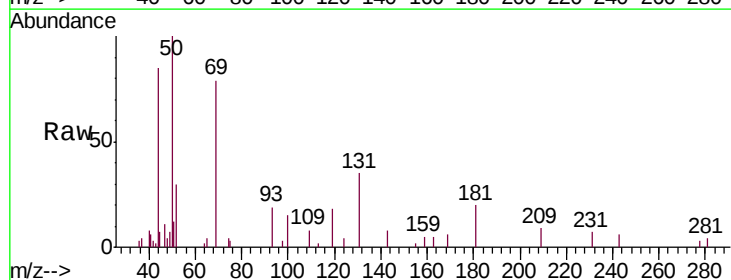
Acq: 29 May 2019 22:10

Tgt Ion: 50 Resp: 10792

Ion Ratio Lower Upper

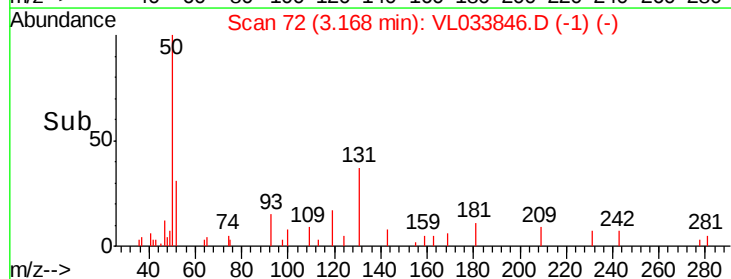
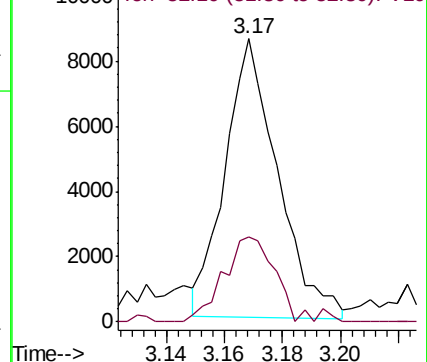
50 100

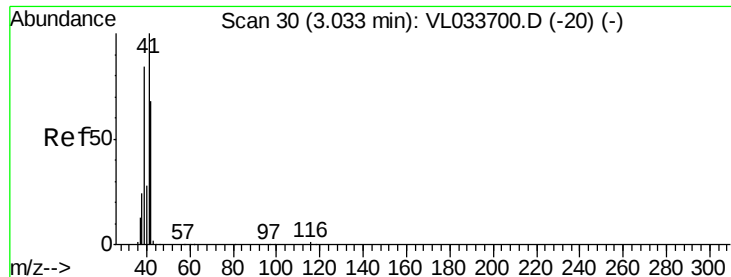
52 33.9 25.7 38.5



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 0.224 ppbv

RT: 3.04 min Scan# 31

Delta R.T. 0.00 min

Lab File: VL033846.D

Acq: 29 May 2019 22:10

Instrument :

MSVOA_L

ClientSampleId :

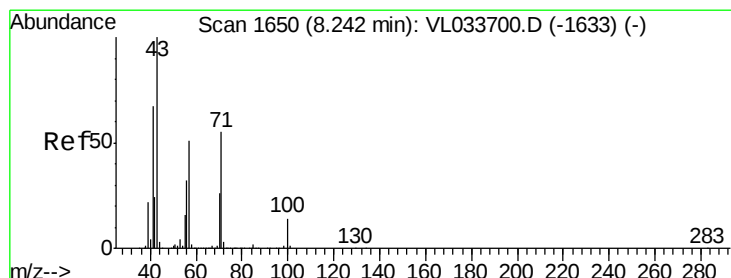
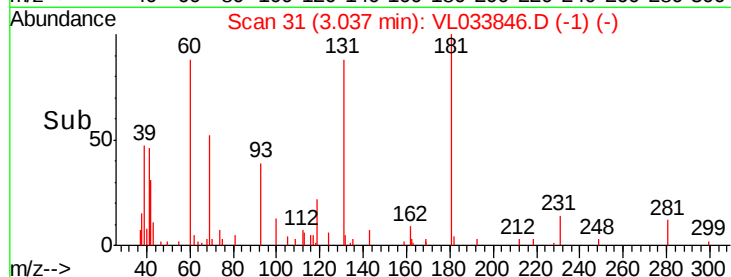
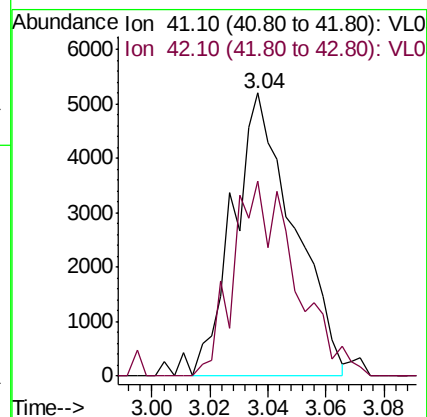
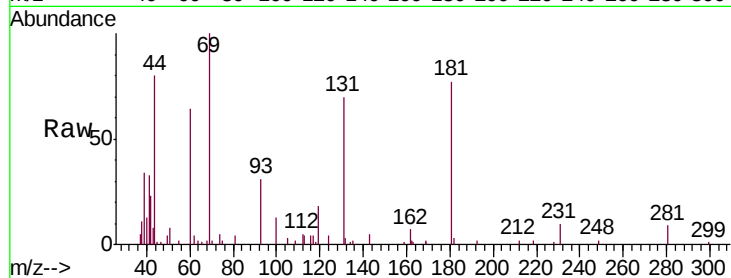
SG-15-20190522-0

Tgt Ion: 41 Resp: 7578

Ion Ratio Lower Upper

41 100

42 71.1 56.1 84.1



#10

Heptane

Concen: 0.132 ppbv

RT: 8.24 min Scan# 1648

Delta R.T. -0.01 min

Lab File: VL033846.D

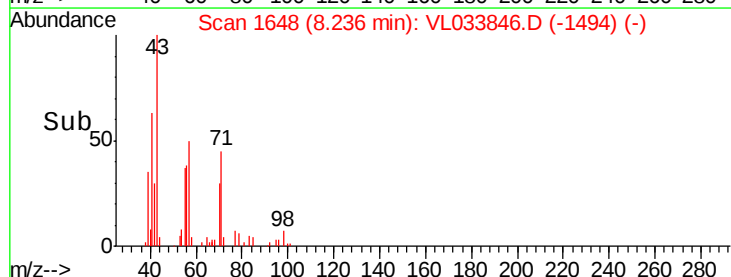
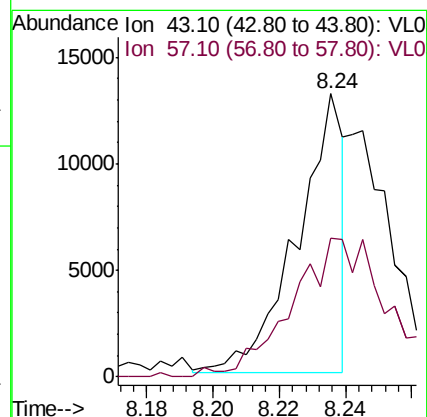
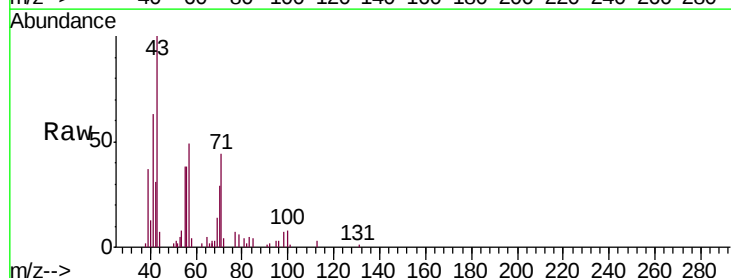
Acq: 29 May 2019 22:10

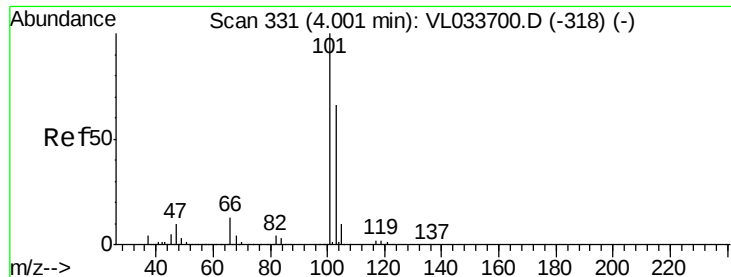
Tgt Ion: 43 Resp: 12685

Ion Ratio Lower Upper

43 100

57 103.1 41.4 62.0#

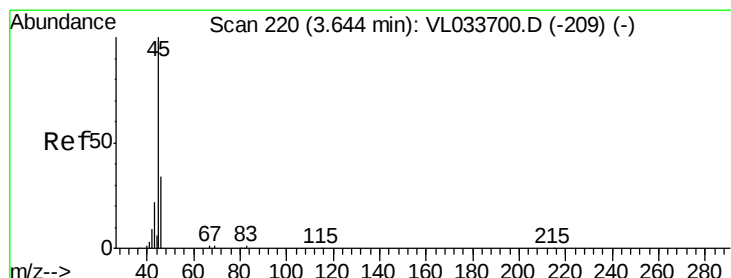
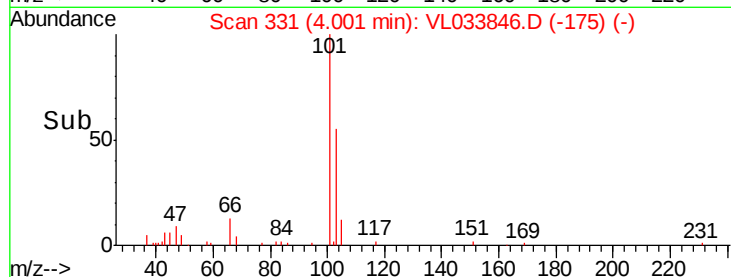
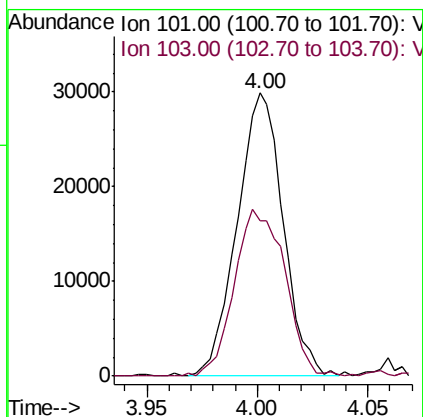
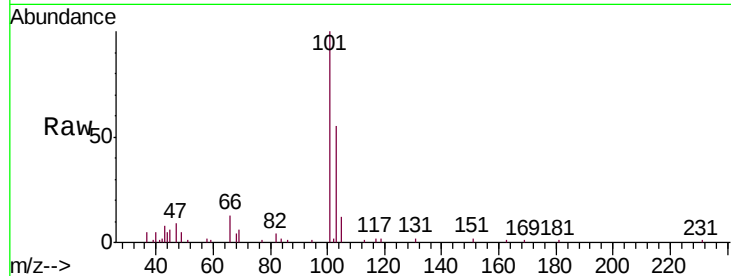




#11
 Trichlorofluoromethane
 Concen: 0.309 ppbv
 RT: 4.00 min Scan# 331
 Delta R.T. 0.00 min
 Lab File: VL033846.D
 Acq: 29 May 2019 22:10

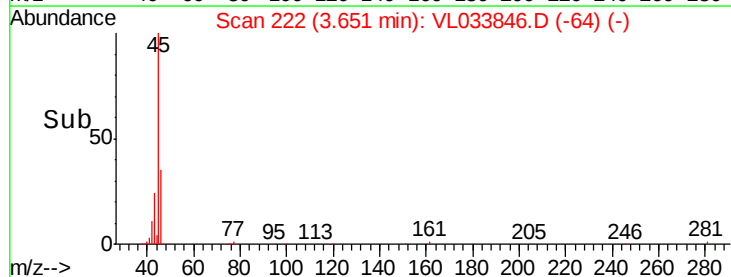
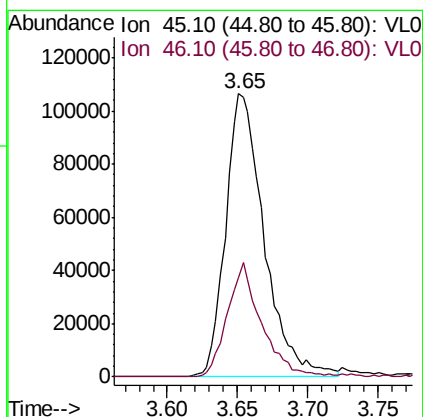
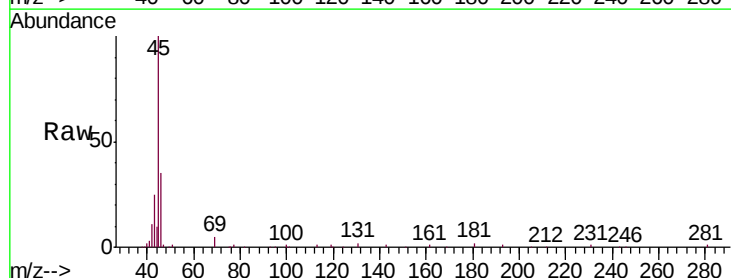
Instrument :
 MSVOA_L
 ClientSampleId :
 SG-15-20190522-0

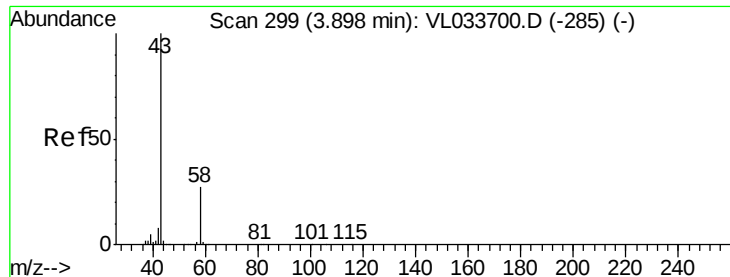
Tgt Ion: 101 Resp: 43179
 Ion Ratio Lower Upper
 101 100
 103 53.9 52.6 78.8



#13
 Ethanol
 Concen: 18.363 ppbv
 RT: 3.65 min Scan# 222
 Delta R.T. 0.01 min
 Lab File: VL033846.D
 Acq: 29 May 2019 22:10

Tgt Ion: 45 Resp: 201049
 Ion Ratio Lower Upper
 45 100
 46 36.3 14.8 59.0





#15

Acetone

Concen: 7.461 ppbv

RT: 3.90 min Scan# 299

Delta R.T. 0.00 min

Lab File: VL033846.D

Acq: 29 May 2019 22:10

Instrument :

MSVOA_L

ClientSampleId :

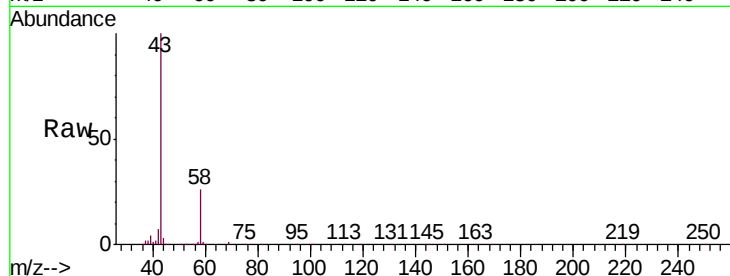
SG-15-20190522-0

Tgt Ion: 43 Resp: 719694

Ion Ratio Lower Upper

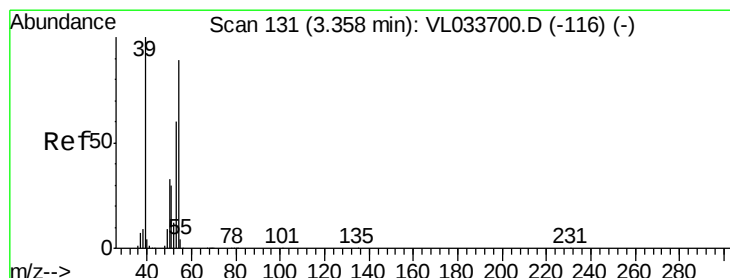
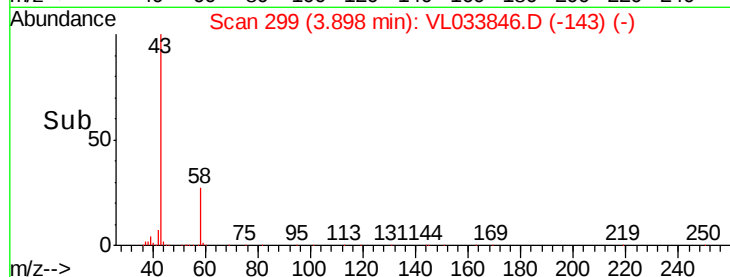
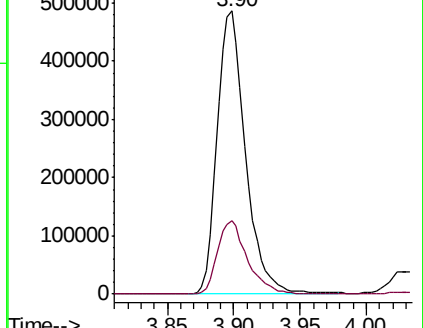
43 100

58 27.7 21.3 31.9



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#16

1,3-Butadiene

Concen: 0.350 ppbv

RT: 3.35 min Scan# 127

Delta R.T. -0.01 min

Lab File: VL033846.D

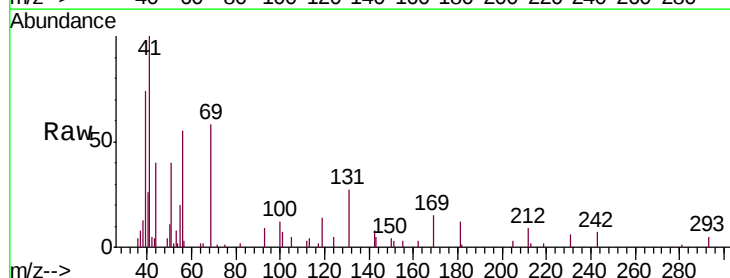
Acq: 29 May 2019 22:10

Tgt Ion: 39 Resp: 13426

Ion Ratio Lower Upper

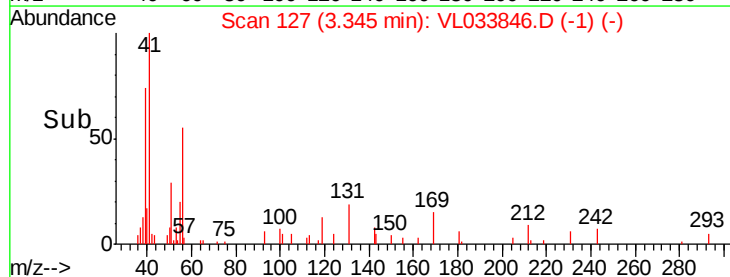
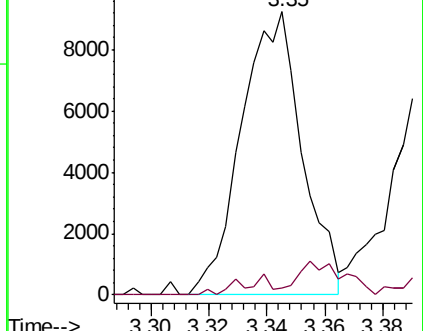
39 100

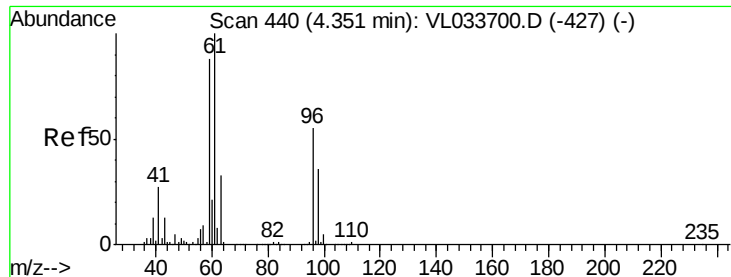
54 12.9 69.0 103.6#



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0

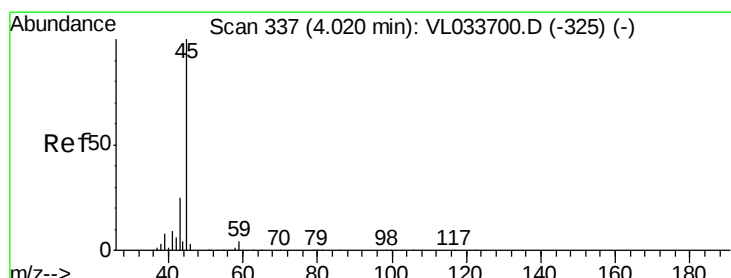
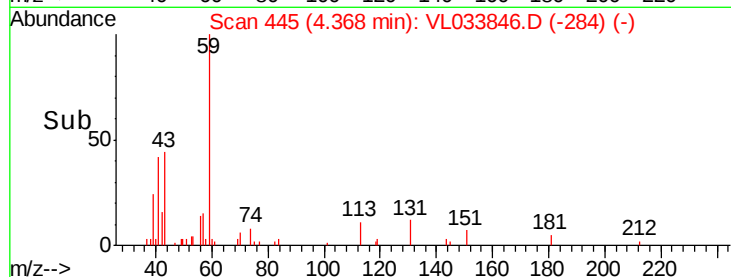
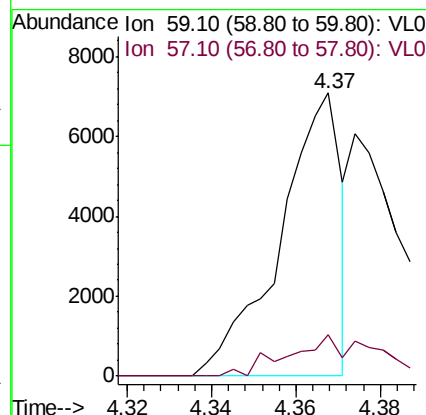
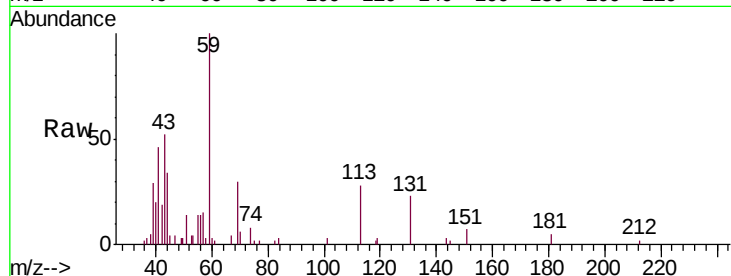




#17
tert-Butyl alcohol
Concen: 0.091 ppbv
RT: 4.37 min Scan# 445
Delta R.T. 0.02 min
Lab File: VL033846.D
Acq: 29 May 2019 22:10

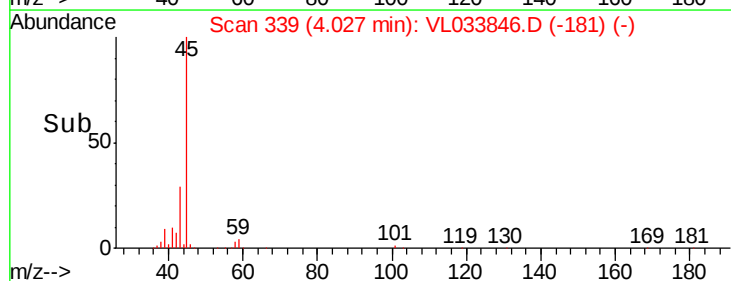
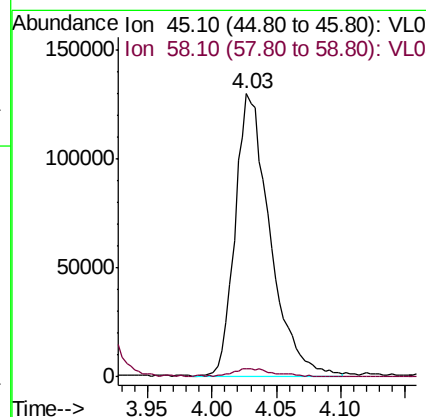
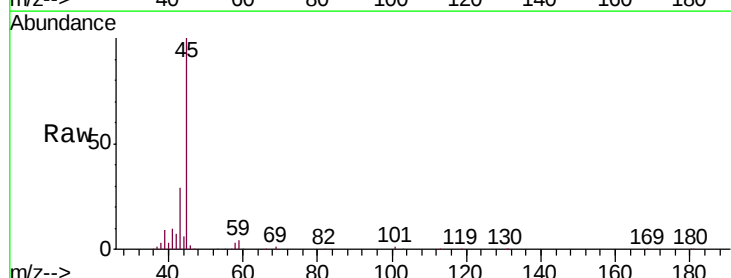
Instrument :
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SG-15-20190522-0

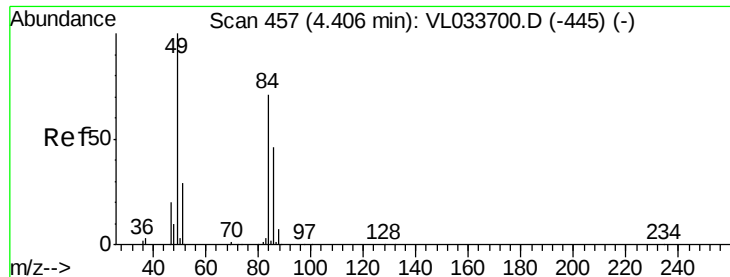
Tgt Ion: 59 Resp: 7104
Ion Ratio Lower Upper
59 100
57 25.6 8.4 12.6#



#19
Isopropyl Alcohol
Concen: 3.951 ppbv
RT: 4.03 min Scan# 339
Delta R.T. 0.01 min
Lab File: VL033846.D
Acq: 29 May 2019 22:10

Tgt Ion: 45 Resp: 245725
Ion Ratio Lower Upper
45 100
58 4.2 1.6 2.4#

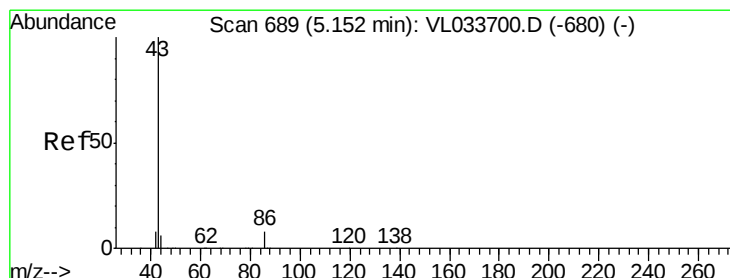
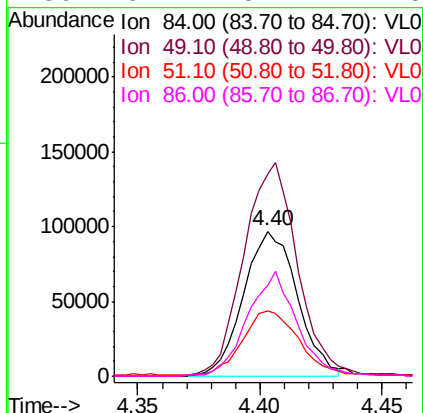
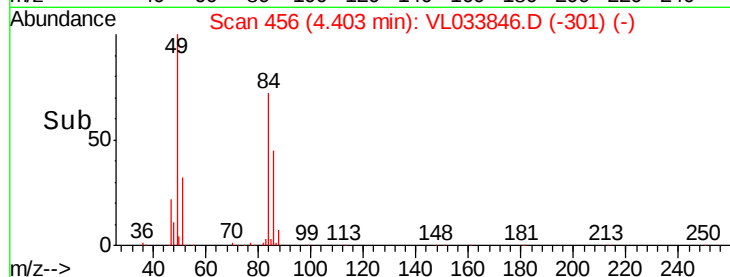
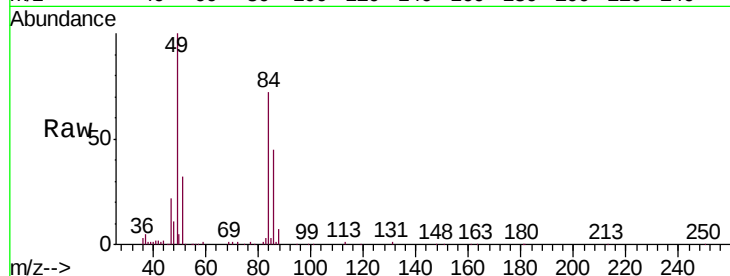




#20
Methylene Chloride
Concen: 3.951 ppbv
RT: 4.40 min Scan# 456
Delta R.T. -0.00 min
Lab File: VL033846.D
Acq: 29 May 2019 22:10

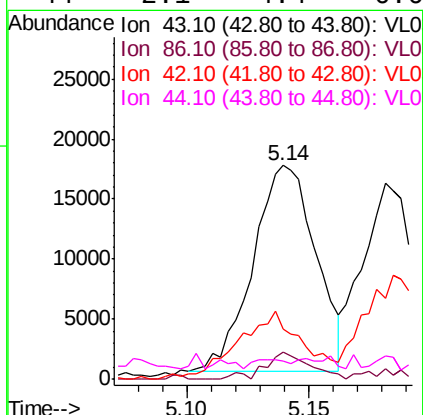
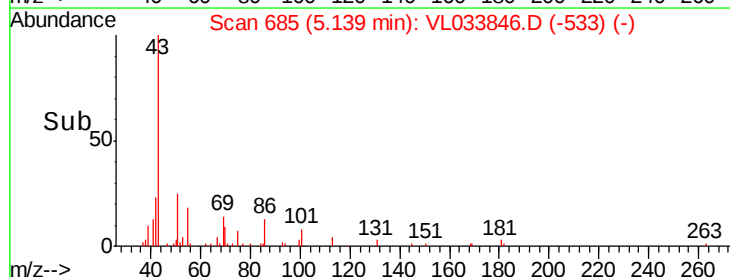
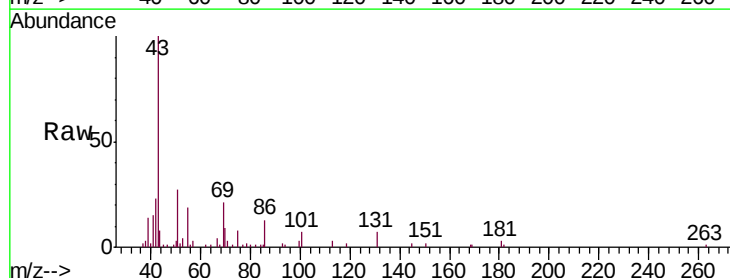
Instrument :
MSVOA_L
ClientSampleId :
SG-15-20190522-0

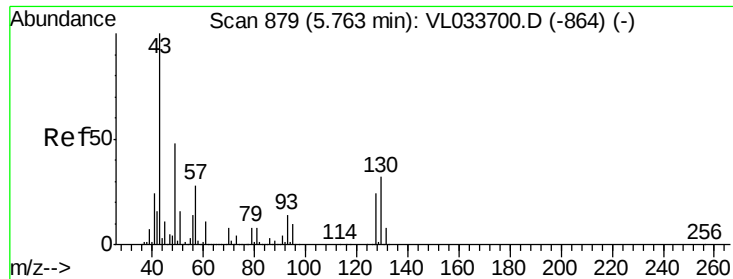
Tgt Ion:	84	Resp:	146758
Ion	Ratio	Lower	Upper
84	100		
49	138.9	112.8	169.2
51	44.1	33.4	50.0
86	62.1	51.7	77.5



#23
Vinyl Acetate
Concen: 0.240 ppbv
RT: 5.14 min Scan# 685
Delta R.T. -0.01 min
Lab File: VL033846.D
Acq: 29 May 2019 22:10

Tgt Ion:	43	Resp:	30494
Ion	Ratio	Lower	Upper
43	100		
86	12.2	6.0	9.0#
42	20.1	7.5	11.3#
44	2.1	4.4	6.6#

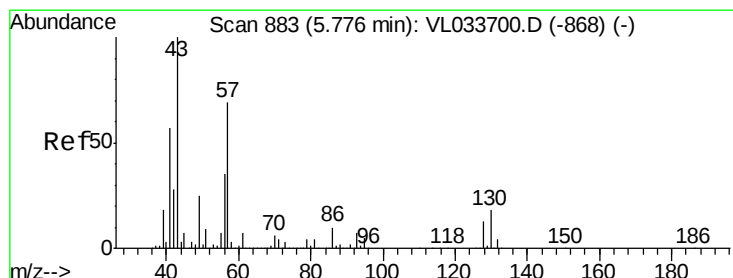
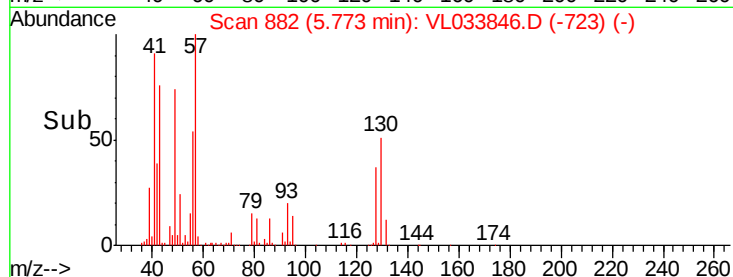
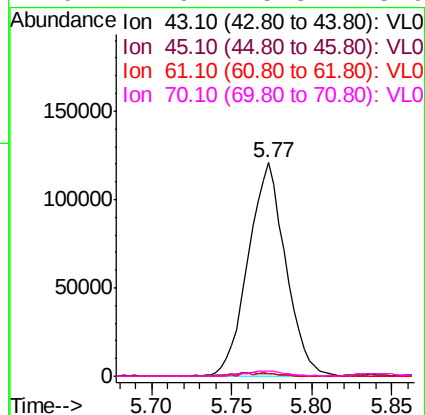
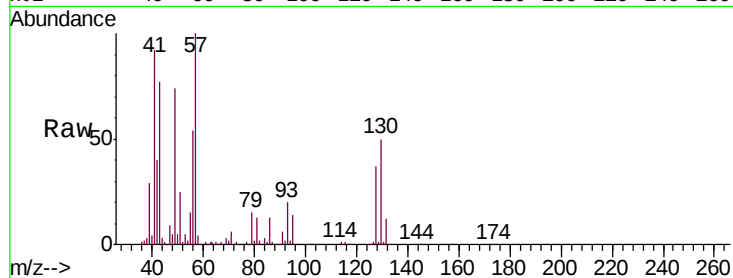




#25
Ethyl Acetate
Concen: 1.146 ppbv
RT: 5.77 min Scan# 882
Delta R.T. 0.01 min
Lab File: VL033846.D
Acq: 29 May 2019 22:10

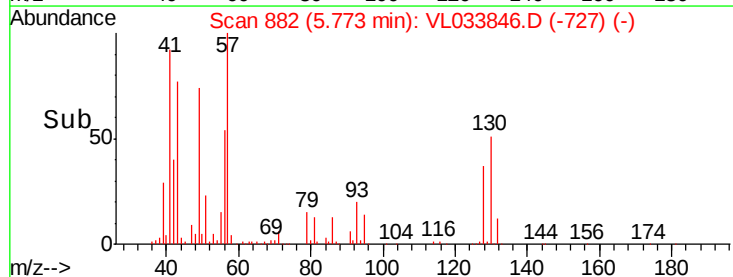
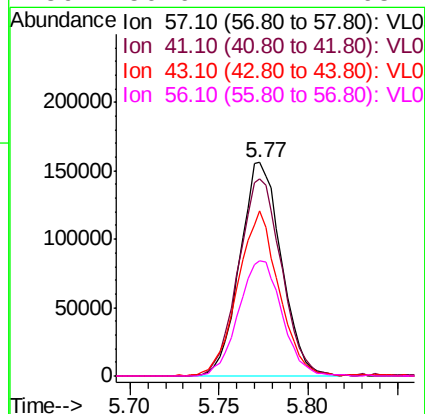
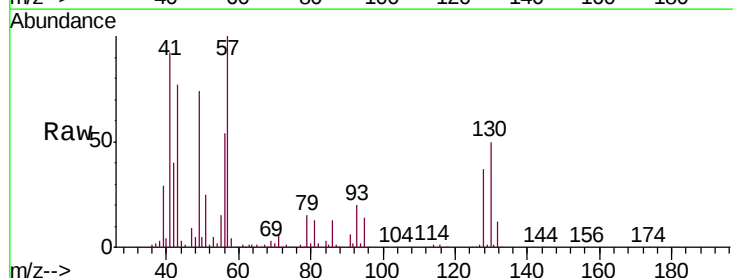
Instrument :
MSVOA_L
ClientSampleId :
SG-15-20190522-0

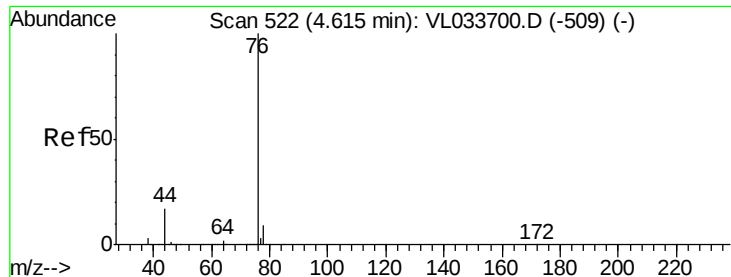
Tgt Ion:	43	Resp:	194179
Ion	Ratio	Lower	Upper
43	100		
45	2.1	7.9	11.9#
61	1.7	7.7	11.5#
70	2.9	5.8	8.6#



#26
Hexane
Concen: 3.479 ppbv
RT: 5.77 min Scan# 882
Delta R.T. -0.00 min
Lab File: VL033846.D
Acq: 29 May 2019 22:10

Tgt Ion:	57	Resp:	253436
Ion	Ratio	Lower	Upper
57	100		
41	96.3	69.8	104.6
43	76.3	181.8	272.6#
56	56.6	42.1	63.1





#27

Carbon Disulfide

Concen: 0.235 ppbv

RT: 4.62 min Scan# 522

Delta R.T. 0.00 min

Lab File: VL033846.D

Acq: 29 May 2019 22:10

Instrument :

MSVOA_L

ClientSampleId :

SG-15-20190522-0

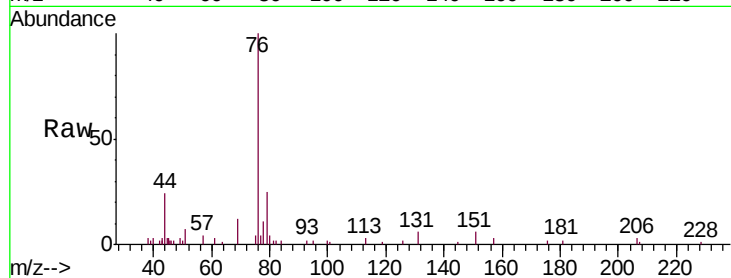
Tgt Ion: 76 Resp: 23491

Ion Ratio Lower Upper

76 100

44 21.2 13.8 20.8#

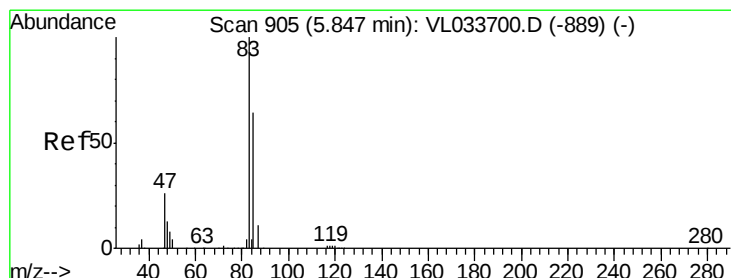
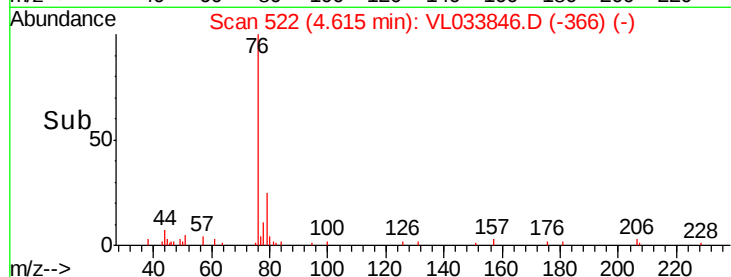
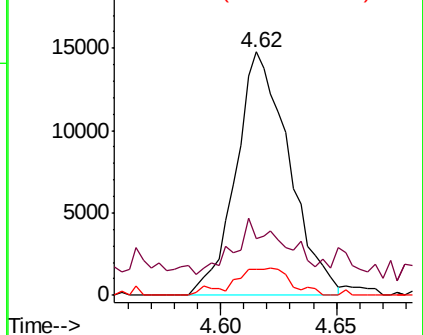
78 12.3 7.4 11.0#



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#29

Chloroform

Concen: 2.020 ppbv

RT: 5.84 min Scan# 903

Delta R.T. -0.01 min

Lab File: VL033846.D

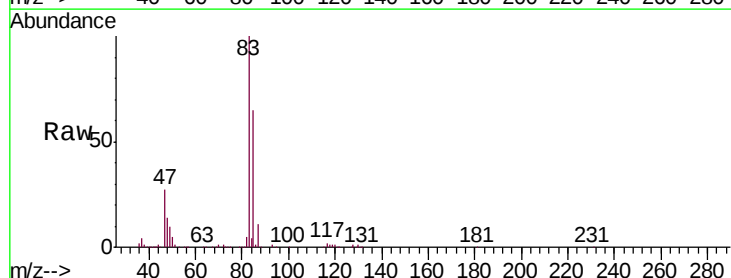
Acq: 29 May 2019 22:10

Tgt Ion: 83 Resp: 271007

Ion Ratio Lower Upper

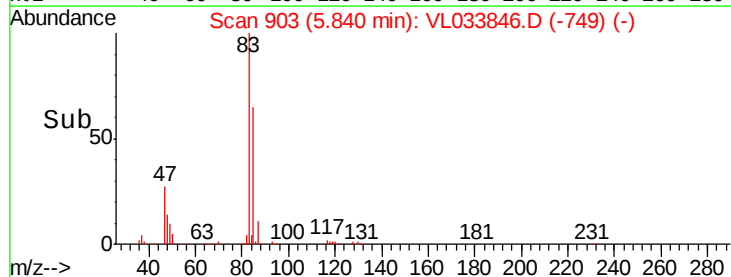
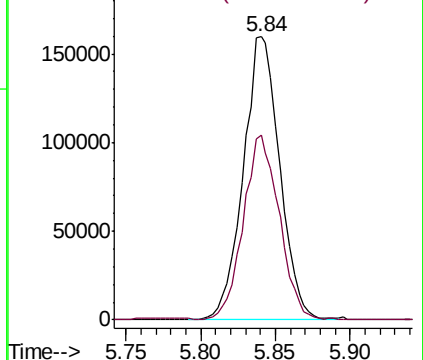
83 100

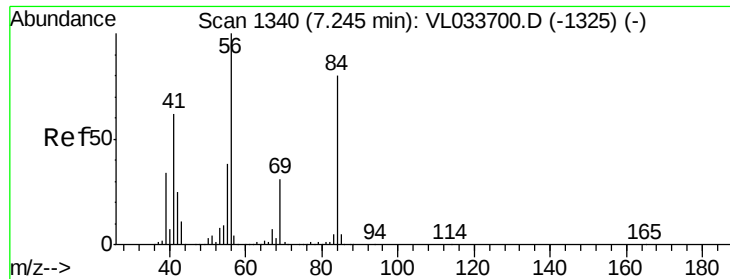
85 64.9 51.5 77.3



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

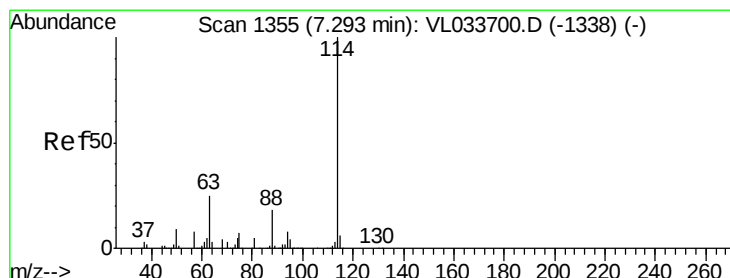
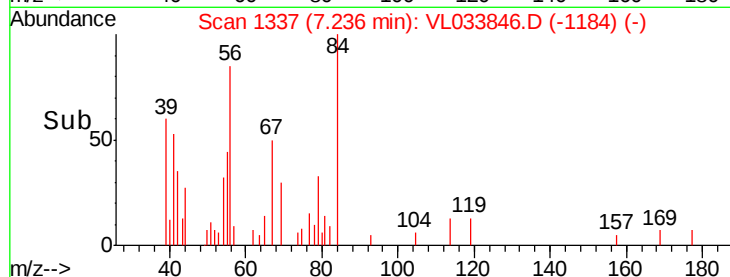
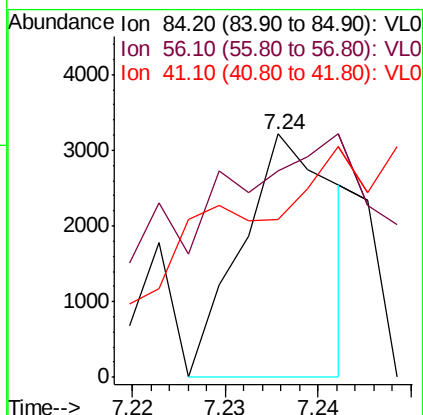
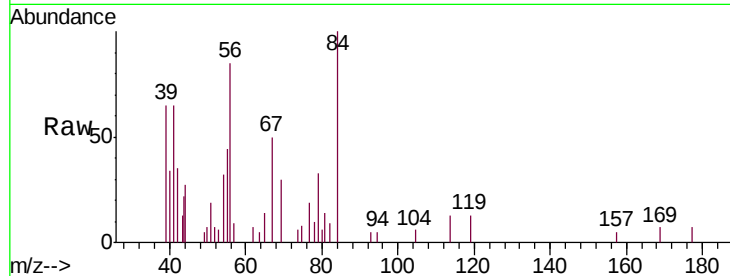




#30
Cyclohexane
Concen: 0.037 ppbv
RT: 7.24 min Scan# 1337
Delta R.T. -0.01 min
Lab File: VL033846.D
Acq: 29 May 2019 22:10

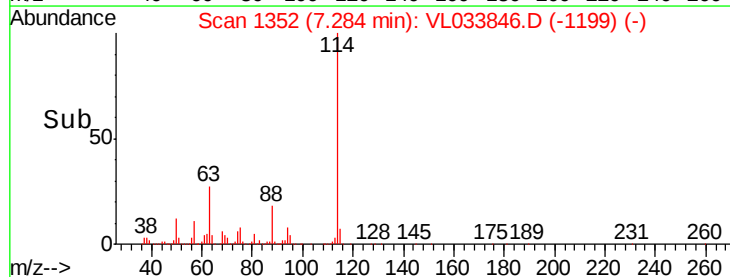
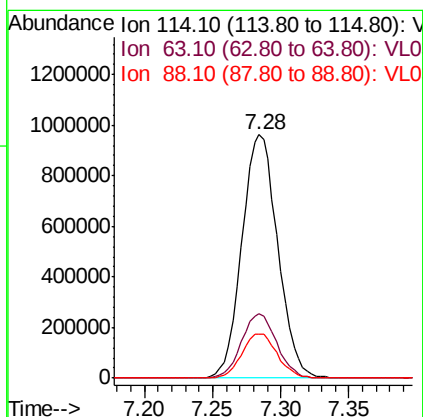
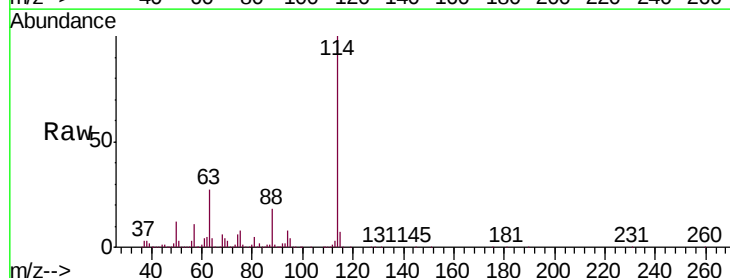
Instrument :
MSVOA_L
ClientSampleId :
SG-15-20190522-0

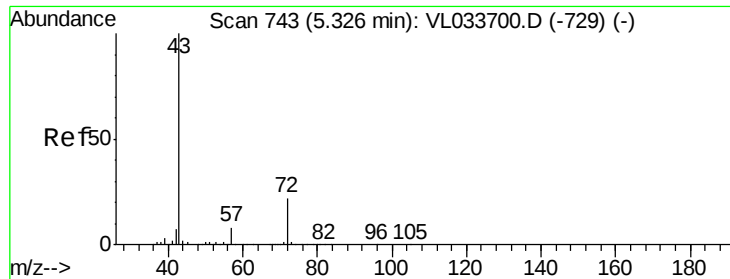
Tgt Ion: 84 Resp: 2236
Ion Ratio Lower Upper
84 100
56 0.0 107.7 161.5#
41 294.5 66.0 99.0#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.01 min
Lab File: VL033846.D
Acq: 29 May 2019 22:10

Tgt Ion: 114 Resp: 1753811
Ion Ratio Lower Upper
114 100
63 26.2 20.9 31.3
88 18.0 14.3 21.5

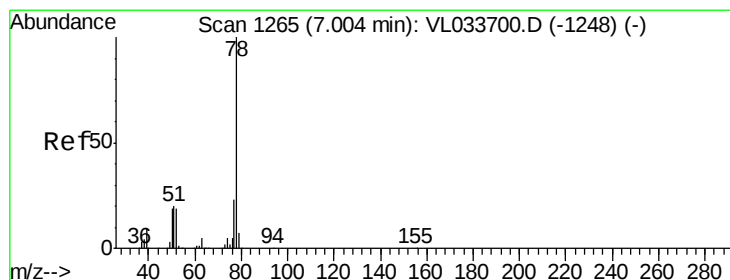
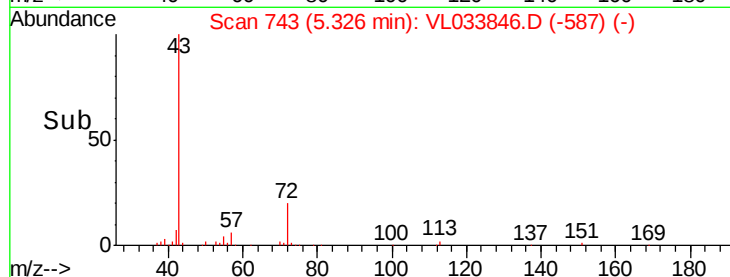
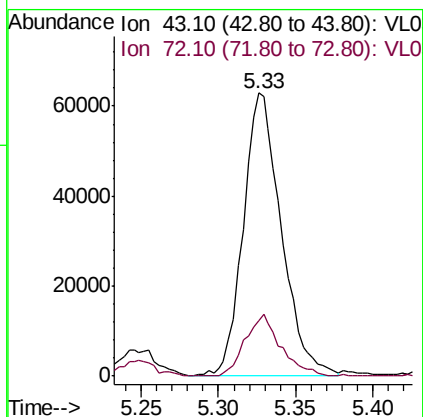
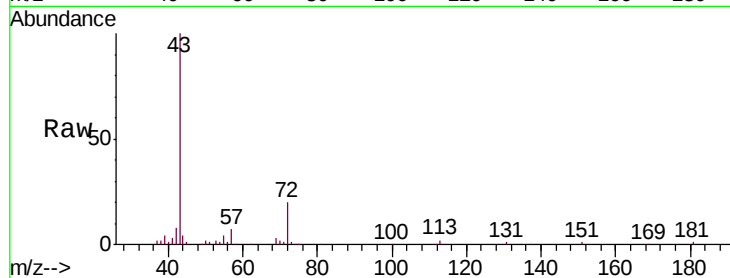




#34
2-Butanone
Concen: 0.982 ppbv
RT: 5.33 min Scan# 743
Delta R.T. 0.00 min
Lab File: VL033846.D
Acq: 29 May 2019 22:10

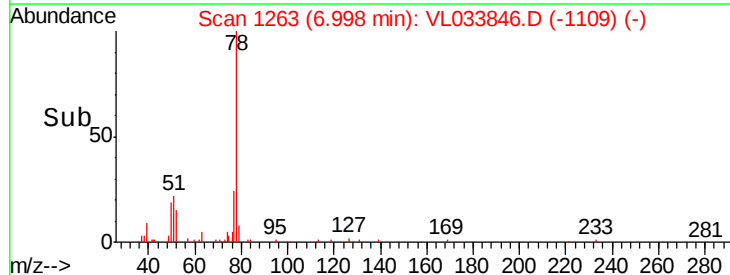
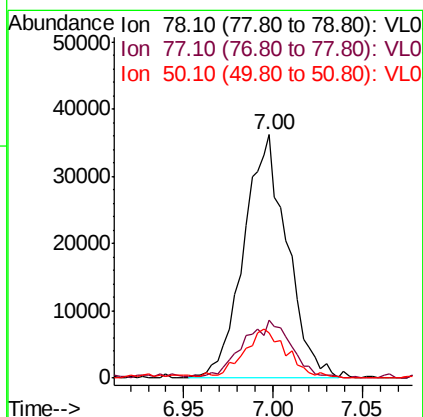
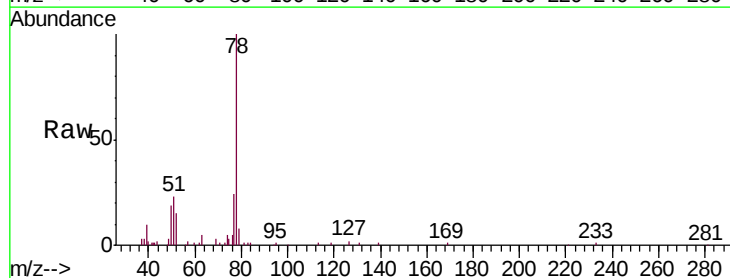
Instrument :
MSVOA_L
ClientSampleId :
SG-15-20190522-0

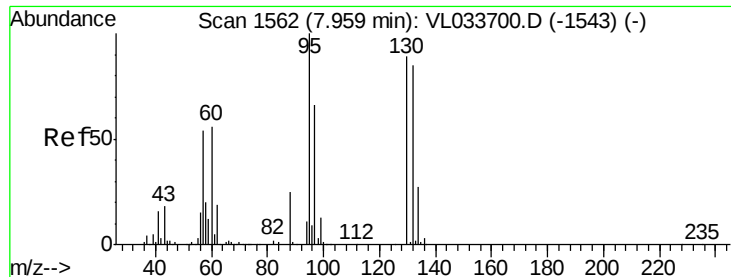
Tgt Ion: 43 Resp: 106725
Ion Ratio Lower Upper
43 100
72 20.6 17.8 26.6



#36
Benzene
Concen: 0.387 ppbv
RT: 7.00 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VL033846.D
Acq: 29 May 2019 22:10

Tgt Ion: 78 Resp: 61704
Ion Ratio Lower Upper
78 100
77 23.2 18.4 27.6
50 17.9 15.5 23.3

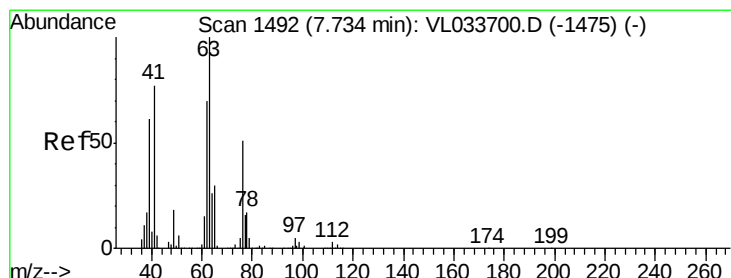
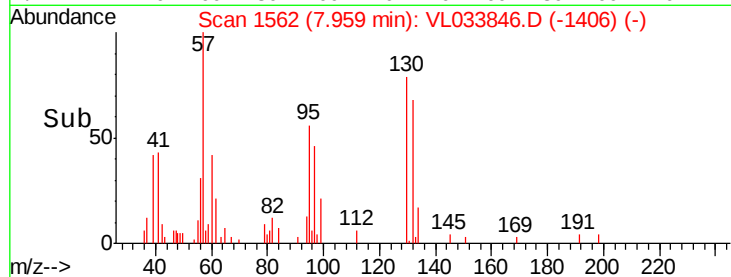
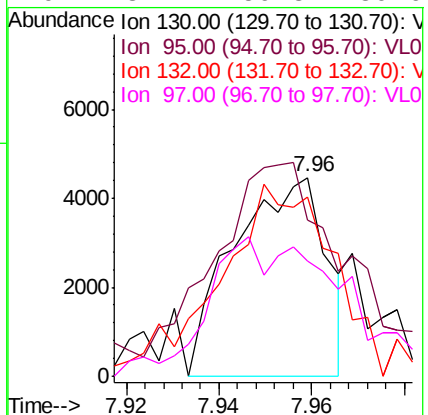
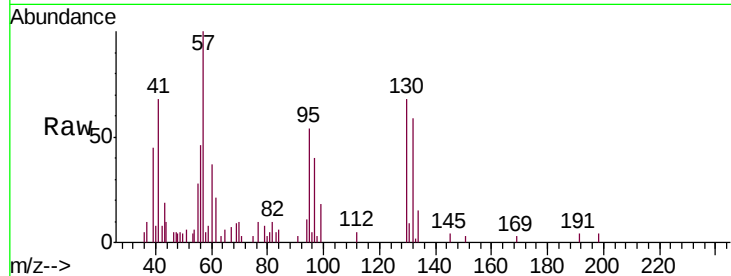




#38
 Trichloroethene
 Concen: 0.104 ppbv
 RT: 7.96 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: VL033846.D
 Acq: 29 May 2019 22:10

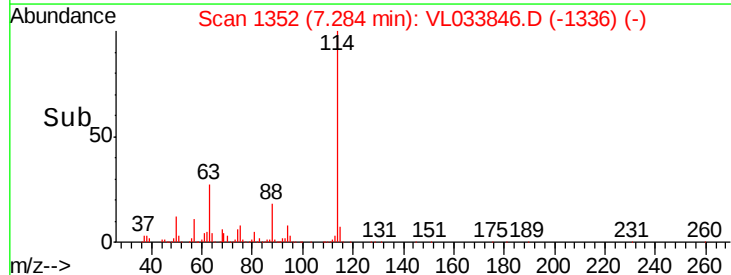
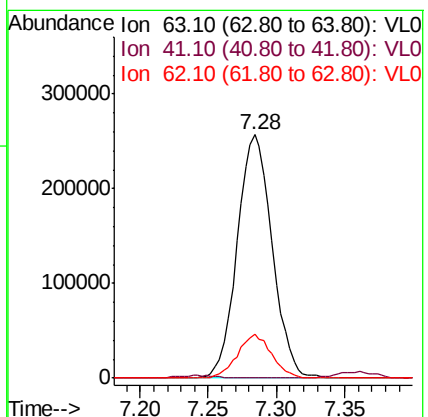
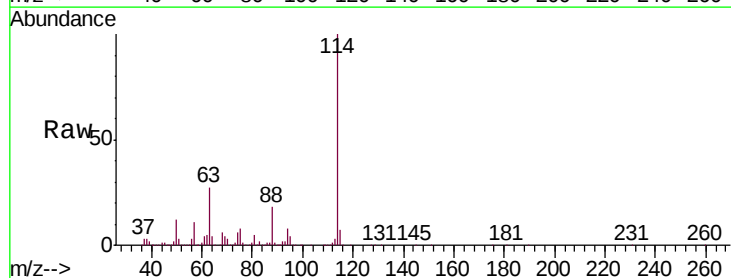
Instrument :
 MSVOA_L
 ClientSampleId :
 SG-15-20190522-0

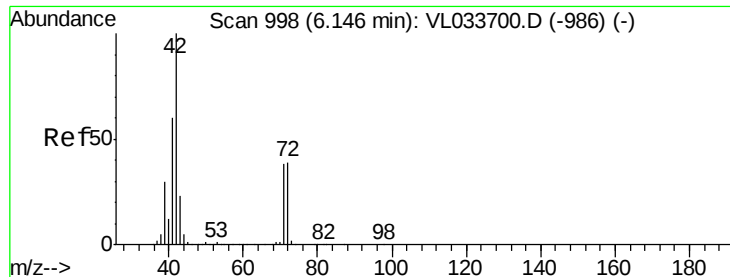
Tgt Ion: 130 Resp: 6175
 Ion Ratio Lower Upper
 130 100
 95 30.4 90.2 135.4#
 132 53.8 76.4 114.6#
 97 37.2 59.8 89.6#



#39
 1,2-Dichloropropane
 Concen: 7.673 ppbv
 RT: 7.28 min Scan# 1352
 Delta R.T. -0.45 min
 Lab File: VL033846.D
 Acq: 29 May 2019 22:10

Tgt Ion: 63 Resp: 456406
 Ion Ratio Lower Upper
 63 100
 41 0.0 61.5 92.3#
 62 17.8 56.2 84.4#





#41

Tetrahydrofuran

Concen: 1.654 ppbv

RT: 5.77 min Scan# 882

Delta R.T. -0.37 min

Lab File: VL033846.D

Acq: 29 May 2019 22:10

Instrument :

MSVOA_L

ClientSampleId :

SG-15-20190522-0

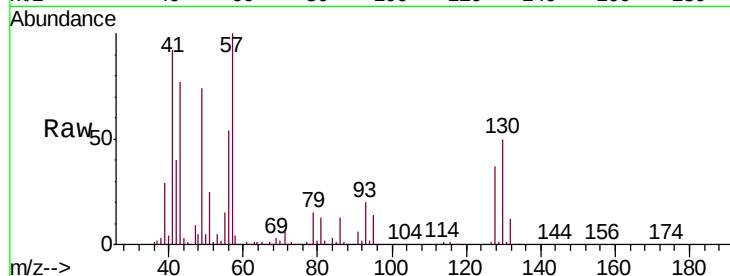
Tgt Ion: 42 Resp: 100725

Ion Ratio Lower Upper

42 100

72 0.9 32.0 48.0#

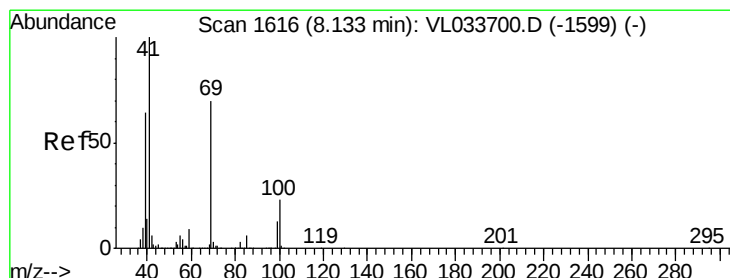
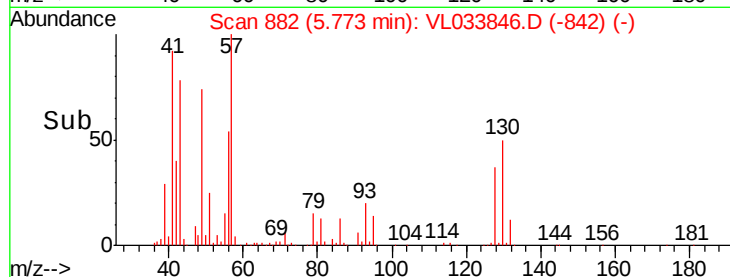
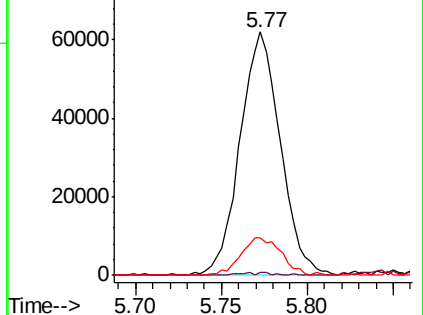
71 15.8 30.4 45.6#



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



#43

Methyl Methacrylate

Concen: 0.037 ppbv

RT: 8.13 min Scan# 1615

Delta R.T. -0.00 min

Lab File: VL033846.D

Acq: 29 May 2019 22:10

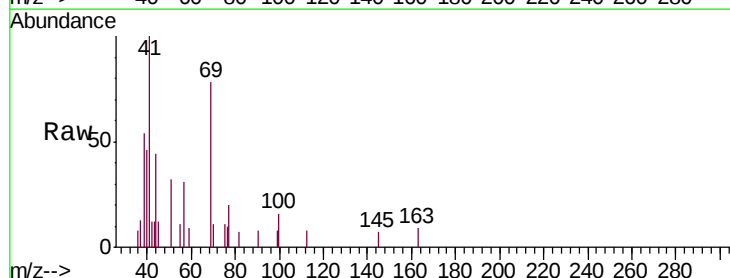
Tgt Ion: 69 Resp: 2187

Ion Ratio Lower Upper

69 100

41 85.2 116.3 174.5#

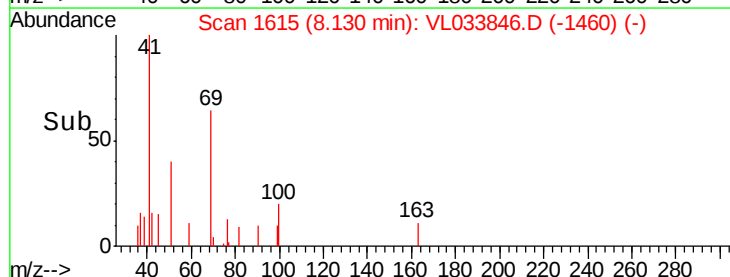
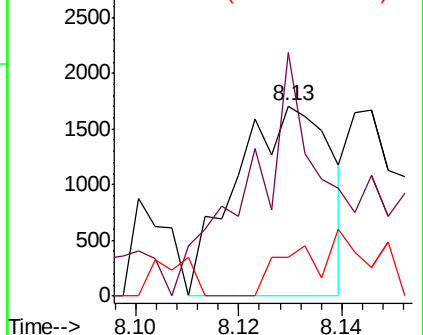
100 0.0 25.3 37.9#

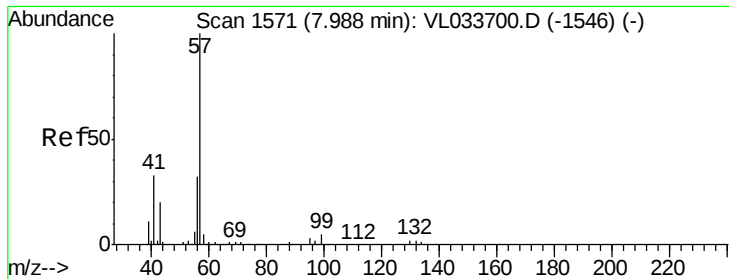


Abundance Ion 69.10 (68.80 to 69.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 100.10 (99.80 to 100.80): VL0

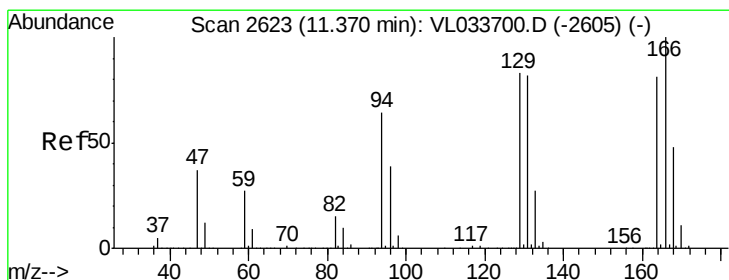
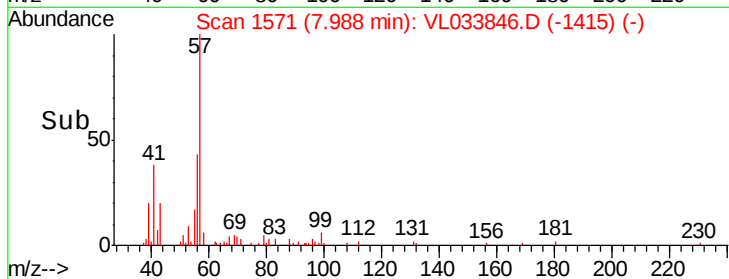
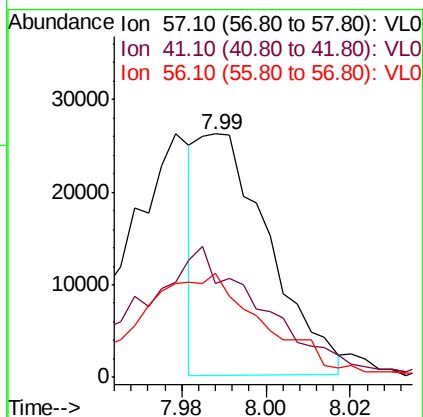
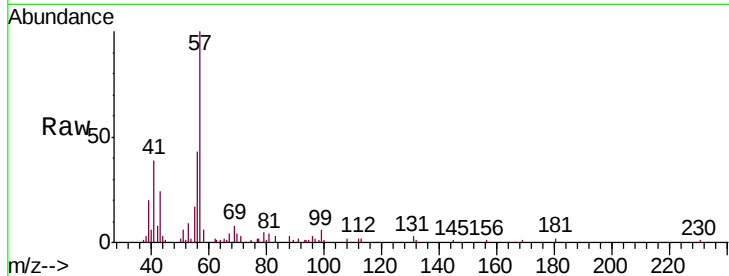




#44
 2,2,4-Trimethylpentane
 Concen: 0.113 ppbv
 RT: 7.99 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: VL033846.D
 Acq: 29 May 2019 22:10

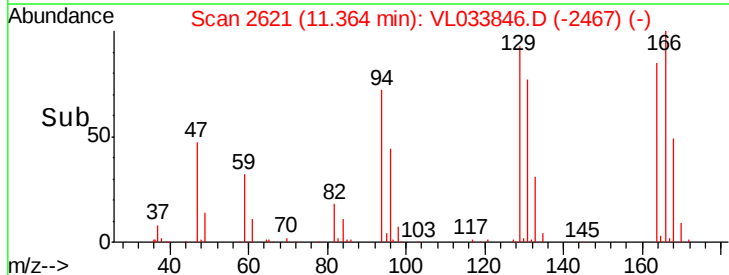
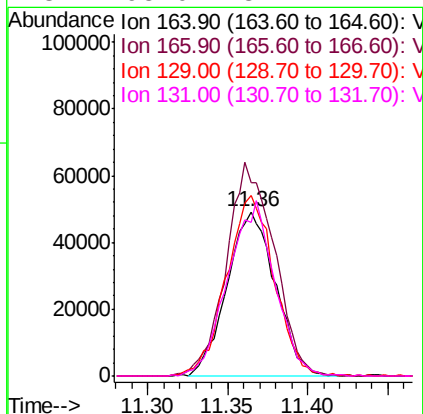
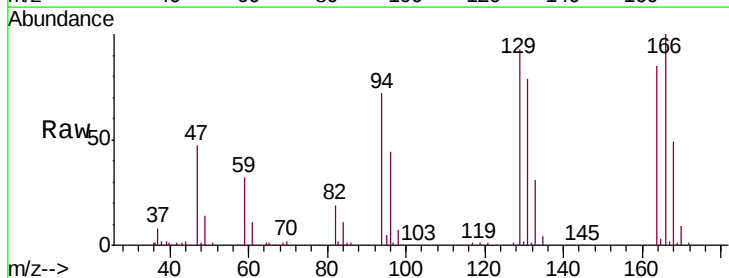
Instrument :
 MSVOA_L
 ClientSampleId :
 SG-15-20190522-0

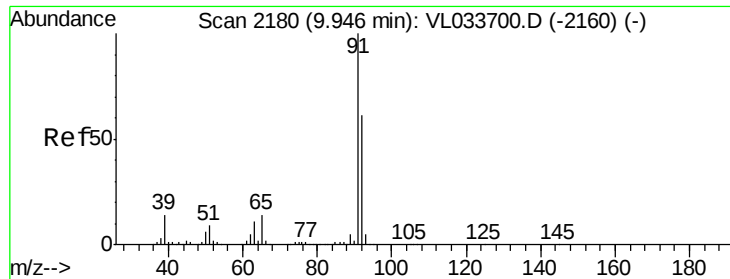
Tgt Ion: 57 Resp: 30351
 Ion Ratio Lower Upper
 57 100
 41 96.6 25.4 38.0#
 56 81.6 24.7 37.1#



#52
 Tetrachloroethene
 Concen: 1.806 ppbv
 RT: 11.36 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: VL033846.D
 Acq: 29 May 2019 22:10

Tgt Ion: 164 Resp: 101307
 Ion Ratio Lower Upper
 164 100
 166 117.6 98.9 148.3
 129 111.7 81.8 122.6
 131 95.0 81.1 121.7





#53

Toluene

Concen: 5.186 ppbv

RT: 9.94 min Scan# 2177

Delta R.T. -0.01 min

Lab File: VL033846.D

Acq: 29 May 2019 22:10

Instrument :

MSVOA_L

ClientSampleId :

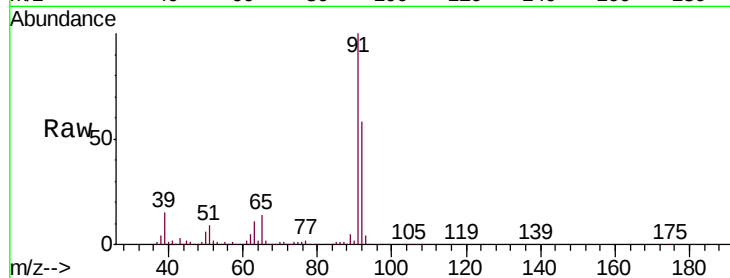
SG-15-20190522-0

Tgt Ion: 91 Resp: 892307

Ion Ratio Lower Upper

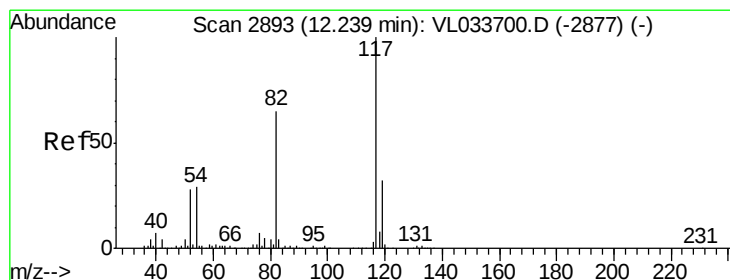
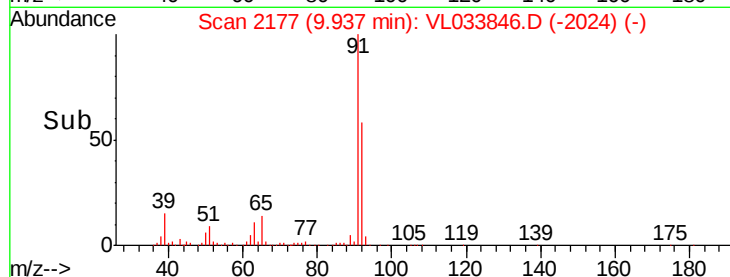
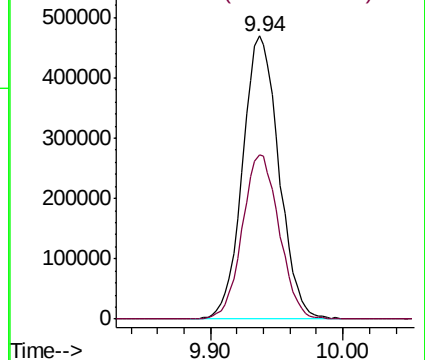
91 100

92 59.0 47.6 71.4



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: 12.23 min Scan# 2890

Delta R.T. -0.01 min

Lab File: VL033846.D

Acq: 29 May 2019 22:10

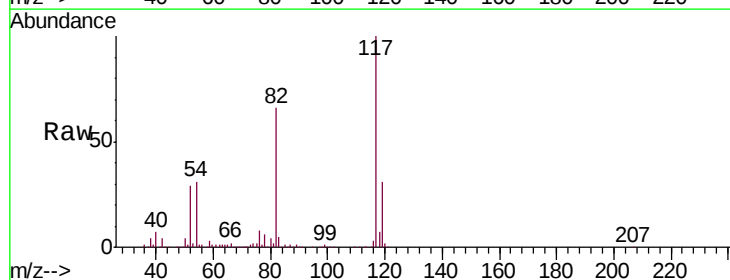
Tgt Ion: 117 Resp: 1782502

Ion Ratio Lower Upper

117 100

82 66.9 49.4 74.0

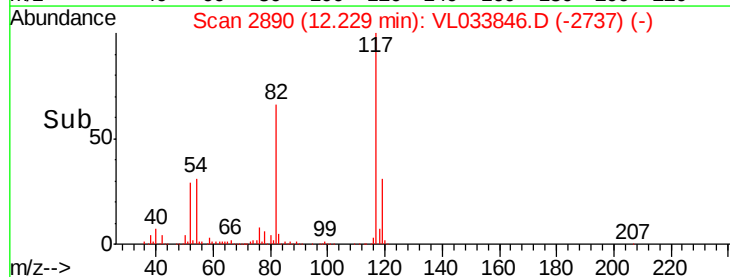
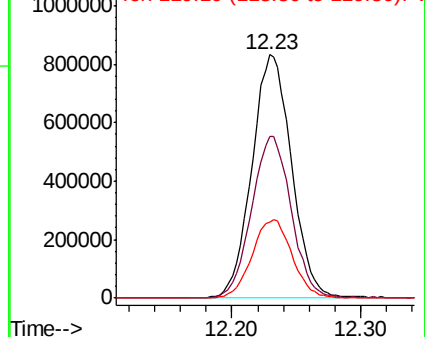
119 32.8 24.9 37.3

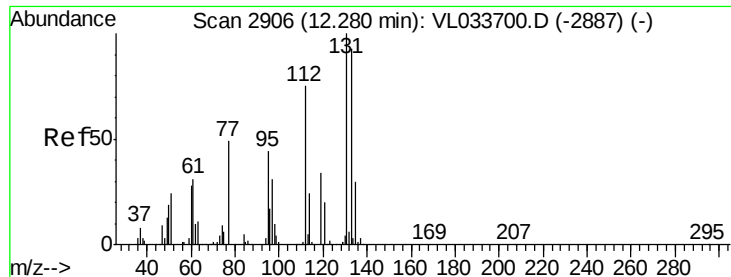


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#56

1,1,1,2-Tetrachloroethane

Concen: 0.824 ppbv

RT: 12.43 min Scan# 2954

Delta R.T. 0.15 min

Lab File: VL033846.D

Acq: 29 May 2019 22:10

Instrument :

MSVOA_L

ClientSampleId :

SG-15-20190522-0

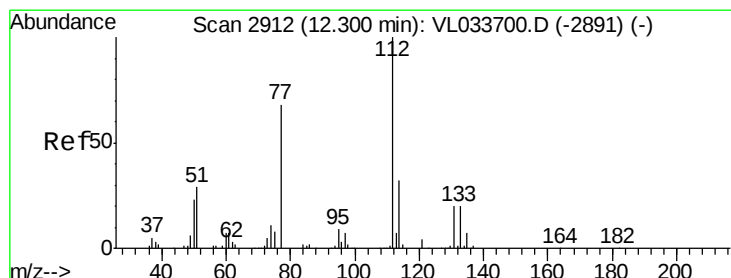
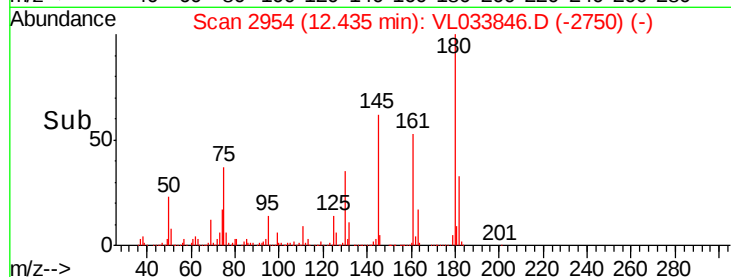
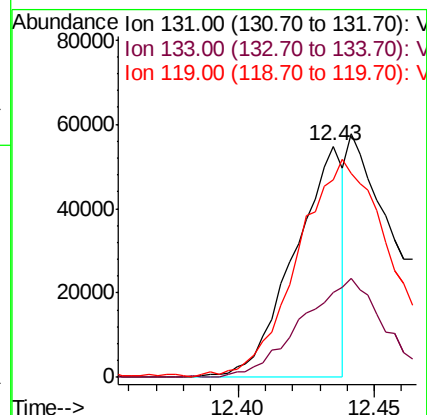
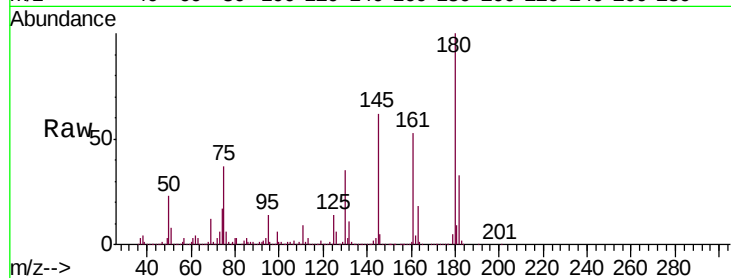
Tgt Ion:131 Resp: 67947

Ion Ratio Lower Upper

131 100

133 0.0 76.6 114.8#

119 860.4 49.0 73.4#



#57

Chlorobenzene

Concen: 0.053 ppbv

RT: 12.28 min Scan# 2907

Delta R.T. -0.02 min

Lab File: VL033846.D

Acq: 29 May 2019 22:10

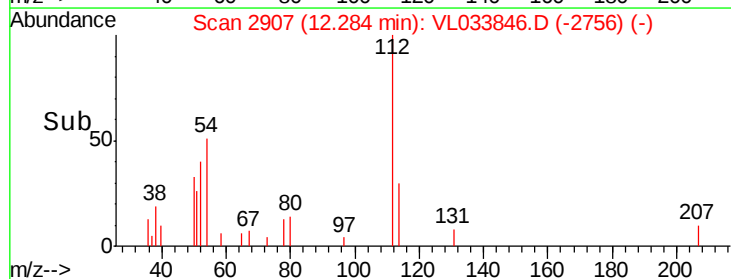
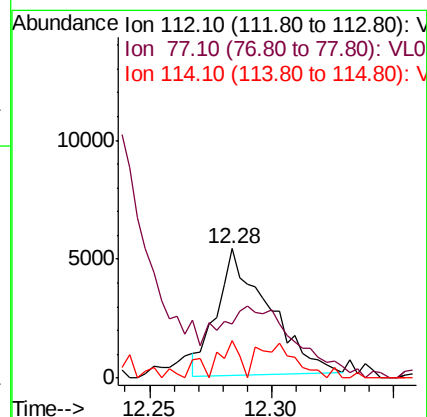
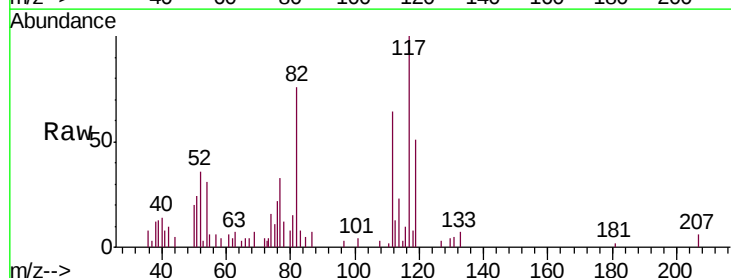
Tgt Ion:112 Resp: 7798

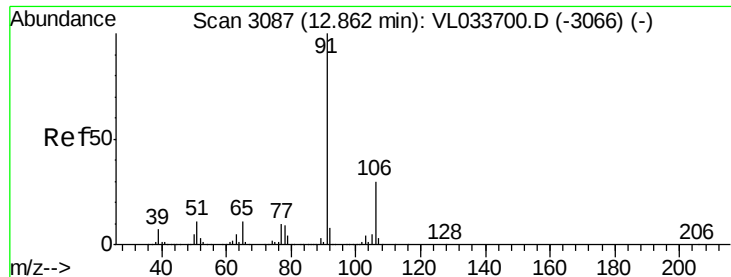
Ion Ratio Lower Upper

112 100

77 50.9 55.4 83.0#

114 34.5 29.3 35.8





#58

Ethyl Benzene

Concen: 0.070 ppbv

RT: 13.15 min Scan# 3176

Delta R.T. 0.29 min

Lab File: VL033846.D

Acq: 29 May 2019 22:10

Instrument :

MSVOA_L

ClientSampleId :

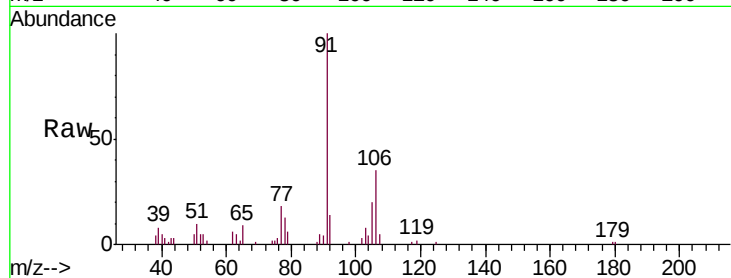
SG-15-20190522-0

Tgt Ion: 91 Resp: 16582

Ion Ratio Lower Upper

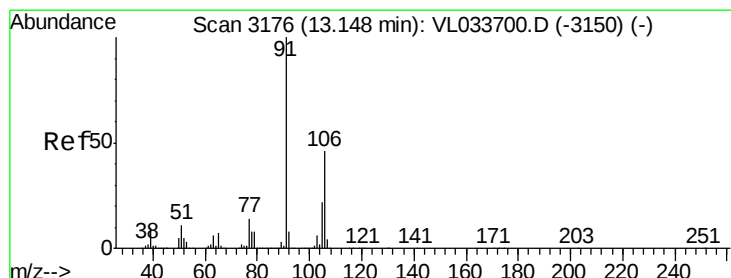
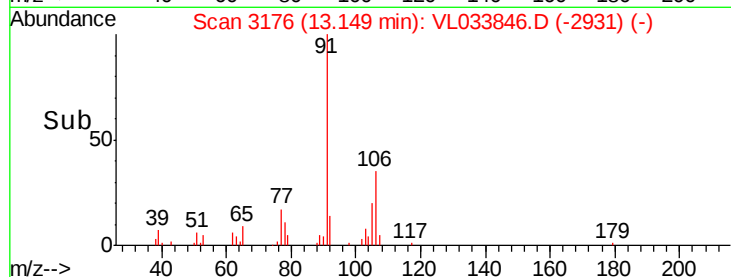
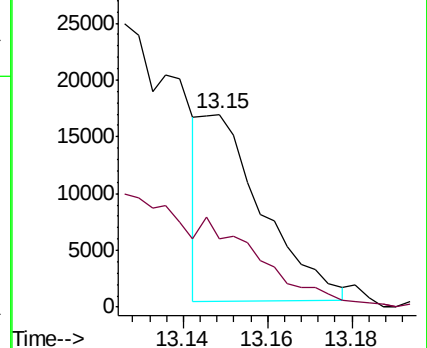
91 100

106 35.3 23.9 35.9



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#59

m/p-Xylene

Concen: 0.052 ppbv

RT: 13.14 min Scan# 3172

Delta R.T. -0.01 min

Lab File: VL033846.D

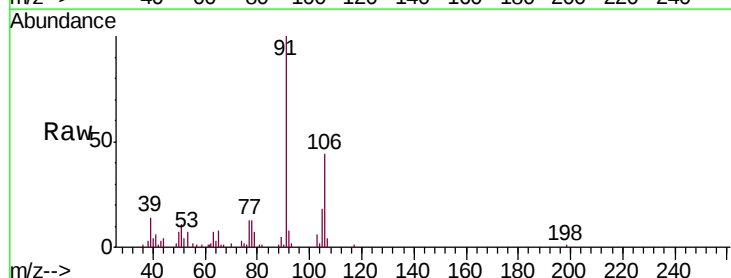
Acq: 29 May 2019 22:10

Tgt Ion: 91 Resp: 10779

Ion Ratio Lower Upper

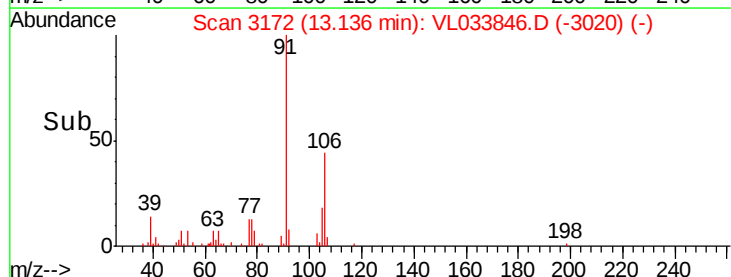
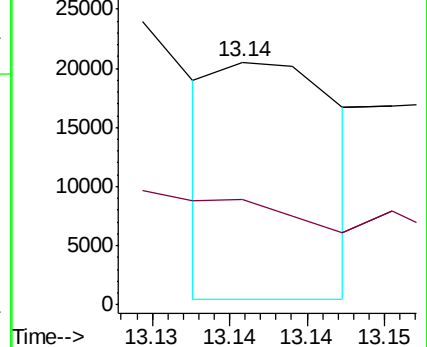
91 100

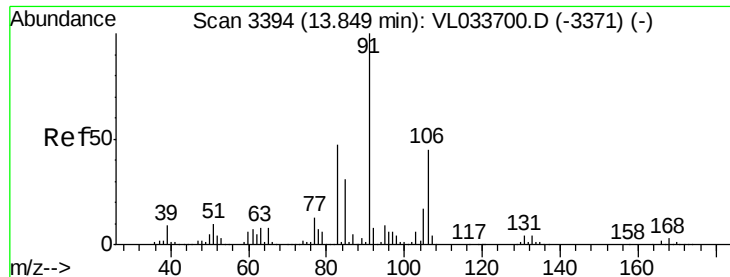
106 0.0 35.8 53.6#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

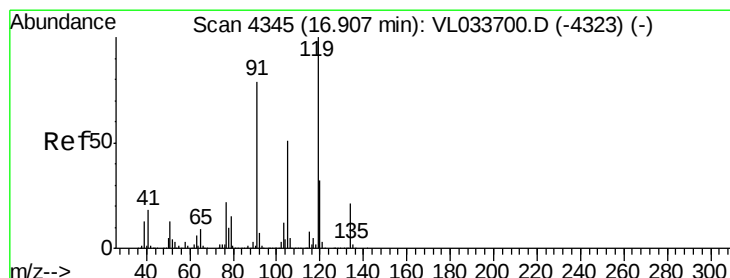
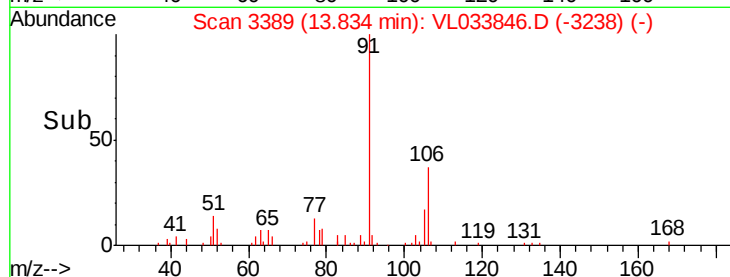
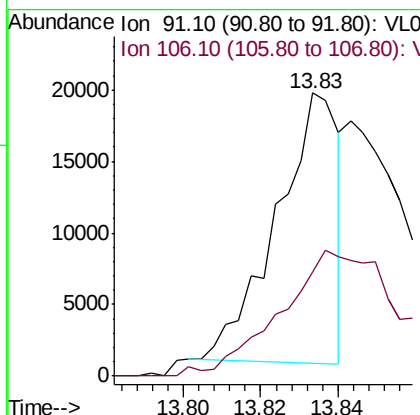
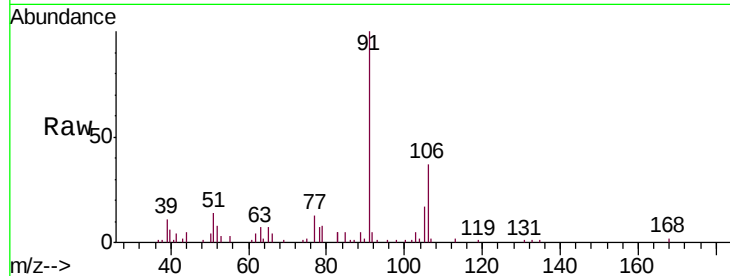




#60
o-Xylene
Concen: 0.101 ppbv
RT: 13.83 min Scan# 3389
Delta R.T. -0.02 min
Lab File: VL033846.D
Acq: 29 May 2019 22:10

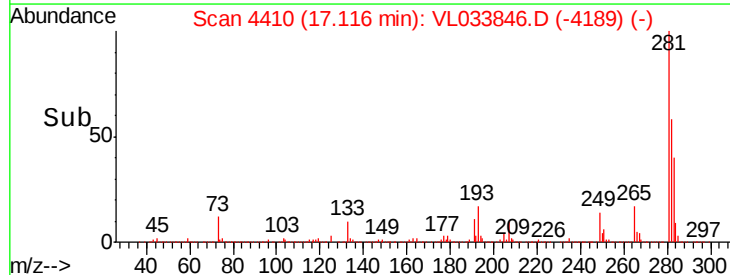
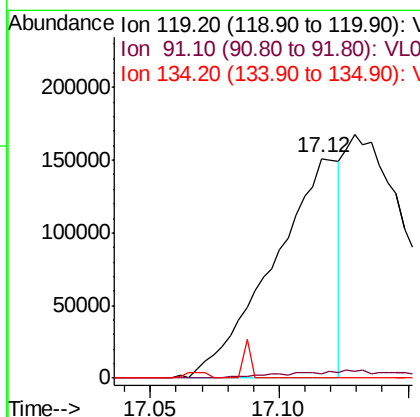
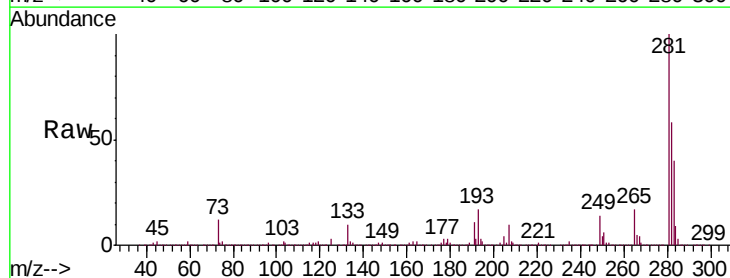
Instrument :
MSVOA_L
ClientSampleId :
SG-15-20190522-0

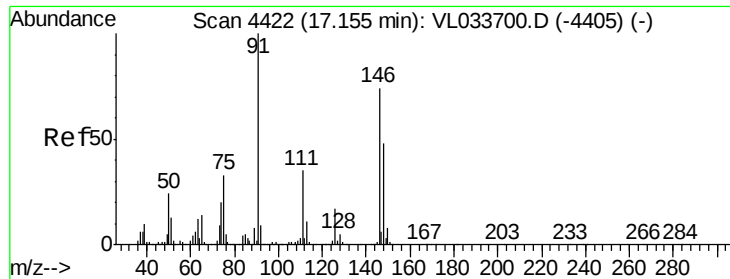
Tgt Ion: 91 Resp: 20909
Ion Ratio Lower Upper
91 100
106 90.1 21.6 64.8#



#65
tert-Butylbenzene
Concen: 1.043 ppbv
RT: 17.12 min Scan# 4410
Delta R.T. 0.21 min
Lab File: VL033846.D
Acq: 29 May 2019 22:10

Tgt Ion: 119 Resp: 266684
Ion Ratio Lower Upper
119 100
91 0.3 65.3 97.9#
134 2.9 15.7 23.5#





#66

Benzyl Chloride

Concen: 0.043 ppbv

RT: 17.15 min Scan# 4419

Delta R.T. -0.01 min

Lab File: VL033846.D

Acq: 29 May 2019 22:10

Instrument :

MSVOA_L

ClientSampleId :

SG-15-20190522-0

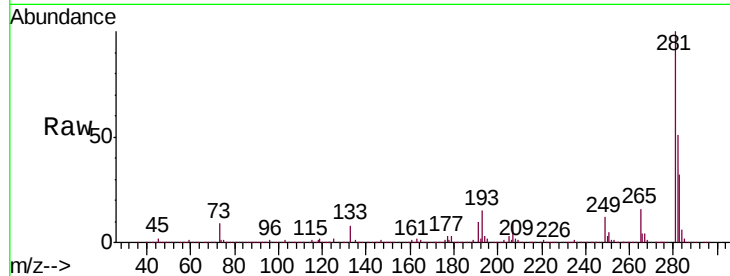
Tgt Ion: 91 Resp: 5200

Ion Ratio Lower Upper

91 100

126 0.0 13.5 20.3#

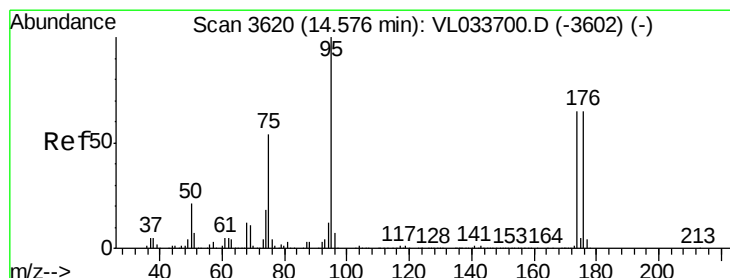
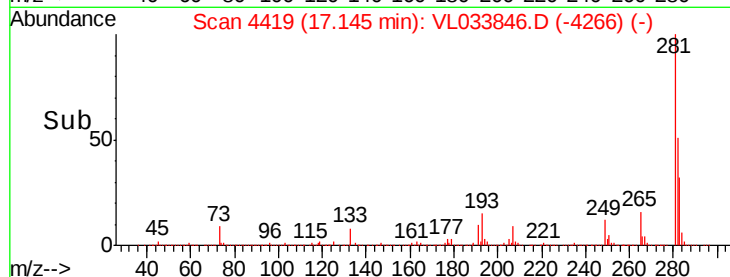
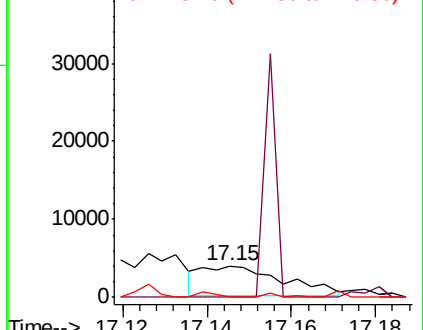
128 0.0 4.3 6.5#



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: 10.104 ppbv

RT: 14.57 min Scan# 3617

Delta R.T. -0.01 min

Lab File: VL033846.D

Acq: 29 May 2019 22:10

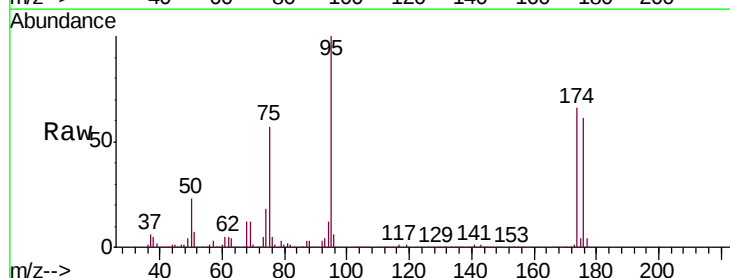
Tgt Ion: 95 Resp: 1460084

Ion Ratio Lower Upper

95 100

174 66.9 53.9 80.9

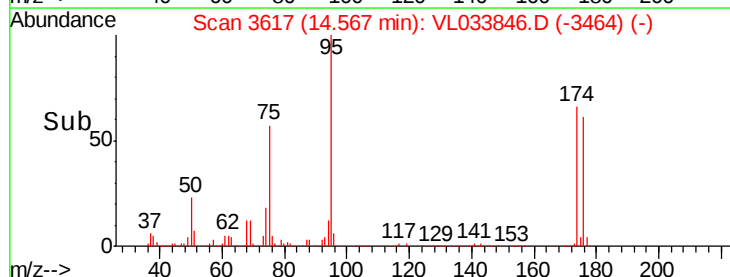
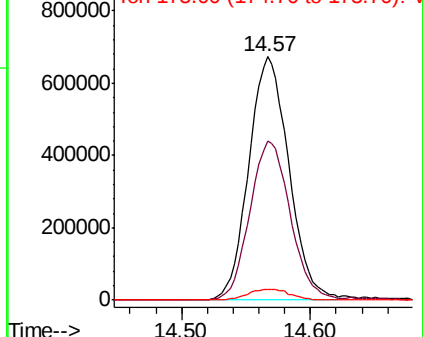
175 4.8 3.8 5.8

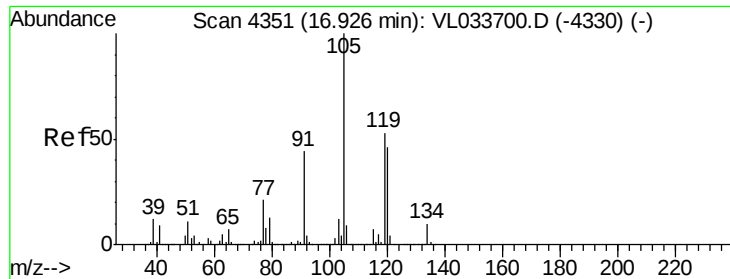


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





#74

1,2,4-Trimethylbenzene

Concen: 0.145 ppbv

RT: 16.92 min Scan# 4349

Delta R.T. -0.01 min

Lab File: VL033846.D

Acq: 29 May 2019 22:10

Instrument :

MSVOA_L

ClientSampleId :

SG-15-20190522-0

Tgt Ion:105 Resp: 36532

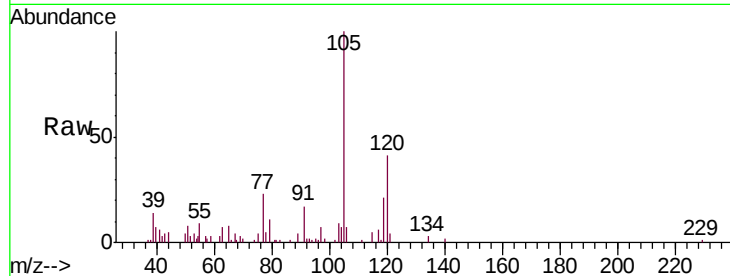
Ion Ratio Lower Upper

105 100

120 44.3 36.8 55.2

91 15.2 35.4 53.0#

77 25.1 16.8 25.2

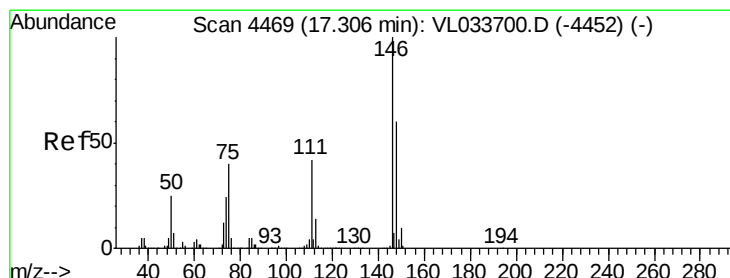
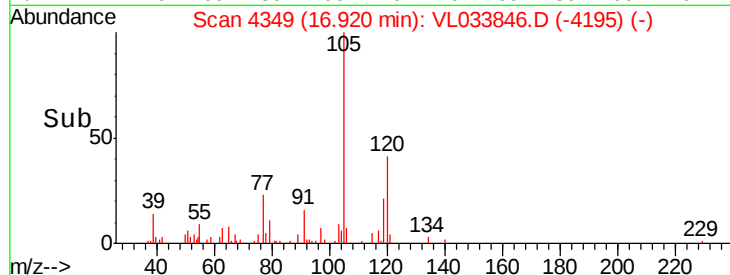
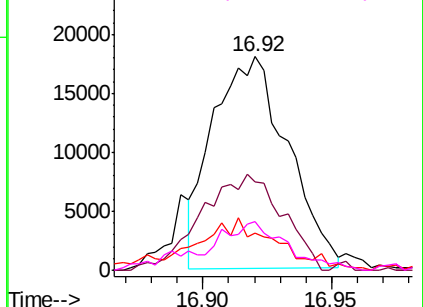


Abundance Ion 105.10 (104.80 to 105.80): V

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



#76

1,4-Dichlorobenzene

Concen: 0.038 ppbv

RT: 17.29 min Scan# 4465

Delta R.T. -0.01 min

Lab File: VL033846.D

Acq: 29 May 2019 22:10

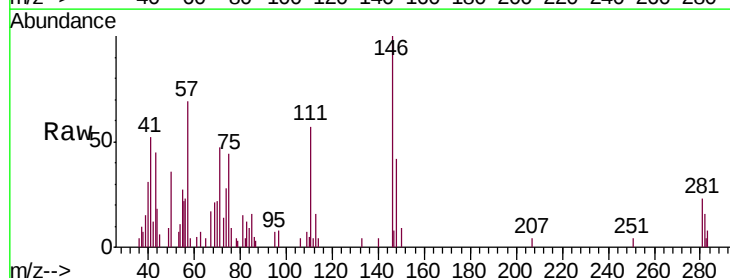
Tgt Ion:146 Resp: 5602

Ion Ratio Lower Upper

146 100

111 0.0 21.9 65.8#

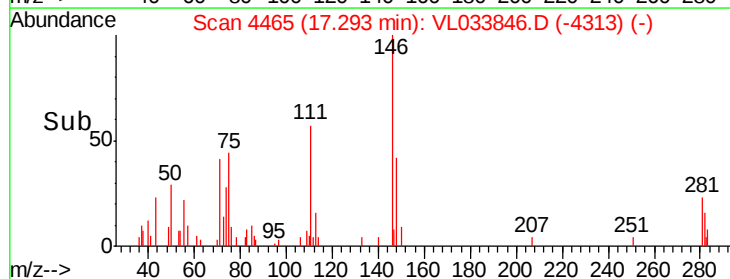
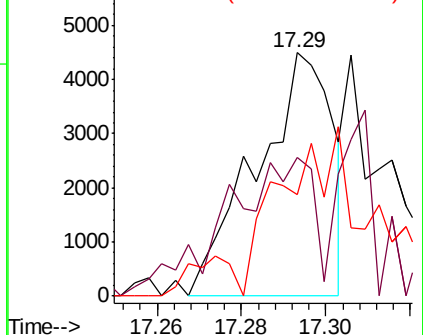
148 0.0 32.1 96.3#

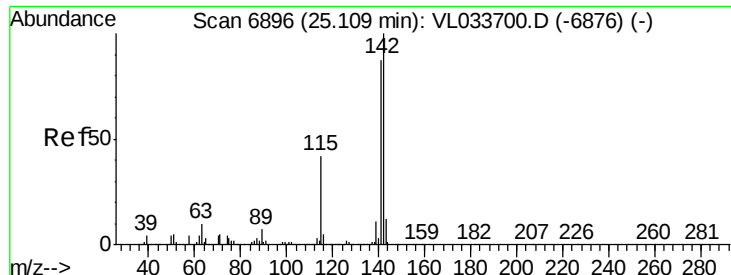


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V





#80

Naphthalene, 2-methyl-

Concen: 0.031 ppbv

RT: 25.11 min Scan# 6897

Delta R.T. 0.00 min

Lab File: VL033846.D

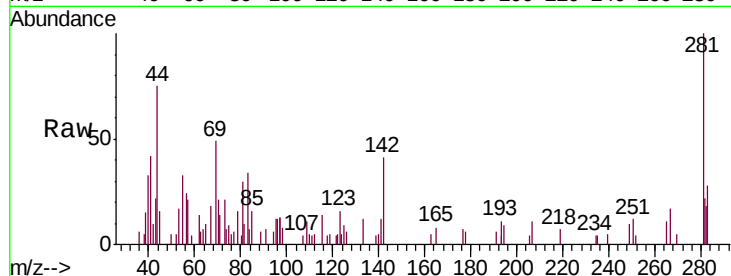
Acq: 29 May 2019 22:10

Instrument :

MSVOA_L

ClientSampleId :

SG-15-20190522-0



Tgt Ion:142 Resp: 2739

Ion Ratio Lower Upper

142 100

141 93.6 67.2 100.8

115 65.4 34.1 51.1#

