

Data File : VL033979.D
Acq On : 26 Jun 2019 22:35
Operator : SY/AP
Sample : K3538-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SUB-SLAB

Quant Time: Jun 27 01:25:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL060719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 07 08:53:27 2019
QLast Update : Fri Jun 07 08:53:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.73	49	815886	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.26	114	1928971	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.21	117	2036049	10.00	ppbv	-0.02

System Monitoring Compounds
68) 1-Bromo-4-Fluorobenzene 14.54 95 1751272 10.47 ppbv -0.02
Spiked Amount 10.000 Range 65 - 135 Recovery = 104.70%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	3.06	85	39686	0.300 ppbv	91
3) Chlorodifluoromethane	3.00	51	48081	0.501 ppbv	98
4) Chloromethane	3.15	50	28437	0.519 ppbv #	87
5) Vinyl Chloride	3.03	62	3686	0.073 ppbv #	43
9) Propene	3.22	41	403108	11.216 ppbv	90
10) Heptane	8.22	43	11649	0.128 ppbv #	26
11) Trichlorofluoromethane	3.99	101	44943	0.263 ppbv	90
12) 1,1,2-Trichlorotrifluoroet	4.53	101	4805	0.042 ppbv #	13
13) Ethanol	3.64	45	181481	15.520 ppbv	99
15) Acetone	3.88	43	811920	6.823 ppbv	94
16) 1,3-Butadiene	3.33	39	108114	2.387 ppbv #	33
17) tert-Butyl alcohol	4.35	59	106656	1.147 ppbv #	72
20) Methylene Chloride	4.39	84	102633	2.212 ppbv	96
21) Allyl Chloride	4.41	41	28744	0.425 ppbv #	50
23) Vinyl Acetate	5.12	43	112953	0.817 ppbv #	14
25) Ethyl Acetate	5.75	43	87654	0.484 ppbv #	88
26) Hexane	5.76	57	105617	1.280 ppbv #	41
27) Carbon Disulfide	4.60	76	3683	0.032 ppbv #	40
30) Cyclohexane	7.22	84	8291	0.142 ppbv #	1
34) 2-Butanone	5.31	43	130402	1.198 ppbv	99
36) Benzene	6.98	78	120288	0.816 ppbv	98
39) 1,2-Dichloropropane	7.26	63	508912	8.949 ppbv #	25
41) Tetrahydrofuran	6.13	42	5024	0.091 ppbv #	48
44) 2,2,4-Trimethylpentane	7.96	57	379550	1.448 ppbv #	82
53) Toluene	9.92	91	732489	4.492 ppbv	100
58) Ethyl Benzene	12.83	91	160884	0.701 ppbv	96
59) m/p-Xylene	13.09	91	480142	2.300 ppbv	99
60) o-Xylene	13.82	91	171708	0.797 ppbv	98
61) Styrene	13.65	104	22623	0.162 ppbv	87
62) Isopropylbenzene	14.79	105	237882	0.819 ppbv	98
64) n-propylbenzene	15.69	120	6908	0.093 ppbv #	1
69) p-Isopropyltoluene	17.79	119	13614	0.043 ppbv #	72
70) n-Butylbenzene	18.68	91	17316	0.050 ppbv #	11
71) 2-Chlorotoluene	15.69	91	24380	0.114 ppbv #	45
72) 4-Ethyltoluene	15.97	105	35646	0.145 ppbv #	46
73) 1,3,5-Trimethylbenzene	16.12	105	30514	0.126 ppbv	90
74) 1,2,4-Trimethylbenzene	16.89	105	300457	1.079 ppbv #	74
76) 1,4-Dichlorobenzene	17.27	146	14551	0.091 ppbv #	1
79) Naphthalene	22.38	128	25658	0.115 ppbv	95
80) Naphthalene,2-methyl-	25.09	142	4464	0.050 ppbv #	69

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062619\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 400ml/MSVOA_L

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MSVOA_L
ClientSampleId :
SUB-SLAB

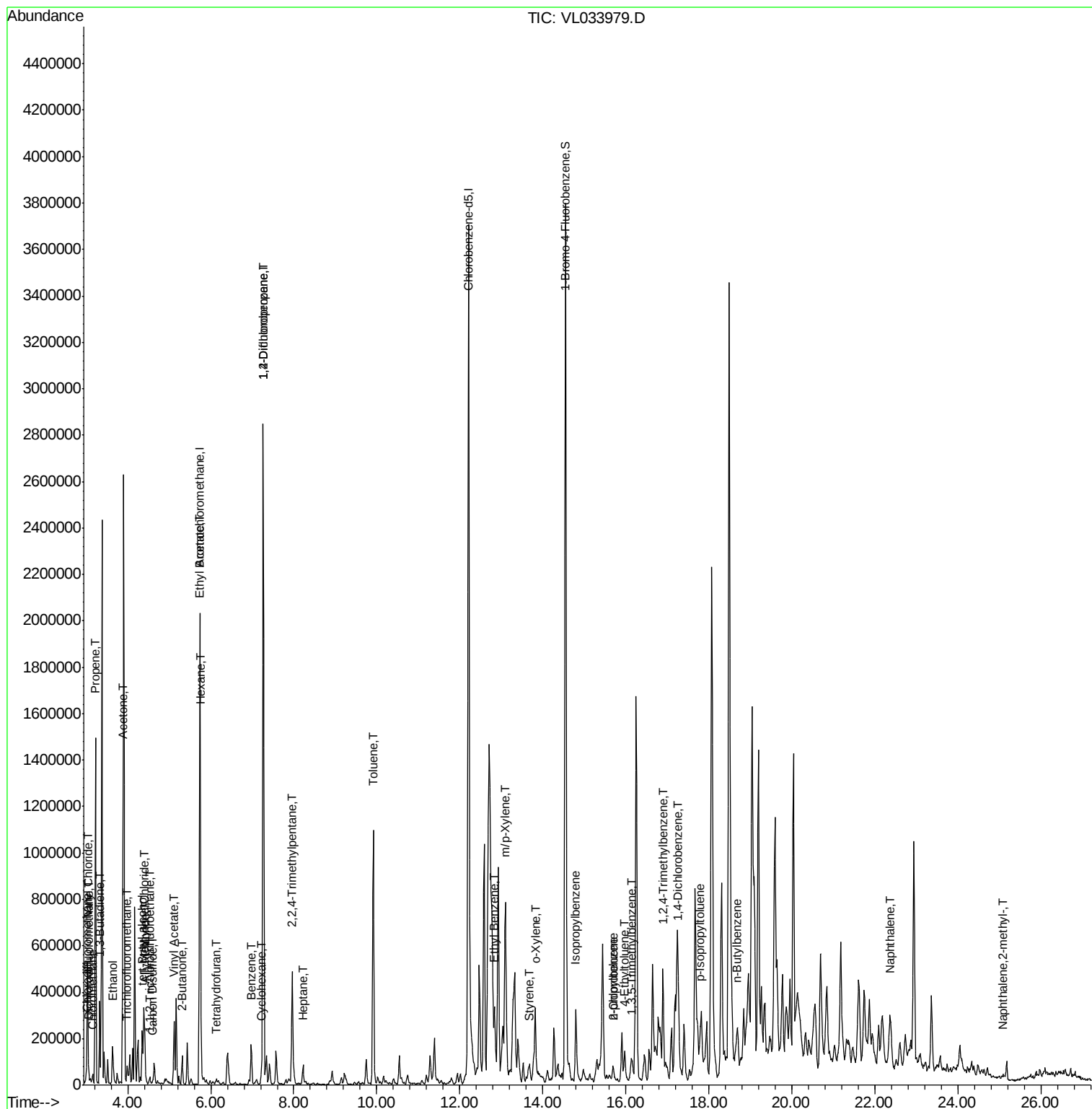
Quant Time: Jun 27 01:25:24 2019

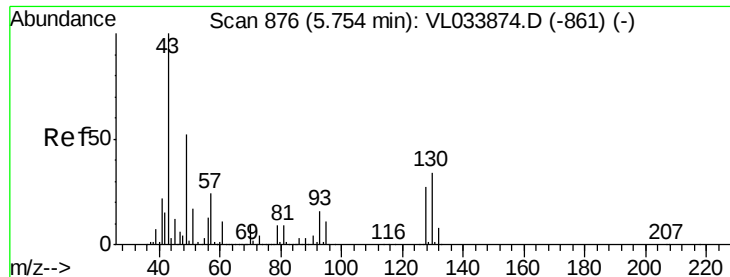
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Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Jun 07 08:53:27 2019

QLast Update : Fri Jun 07 08:53:27 2019

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.73 min Scan# 870

Delta R.T. -0.02 min

Lab File: VL033979.D

Acq: 26 Jun 2019 22:35

Instrument :

MSVOA_L

ClientSampleId :

SUB-SLAB

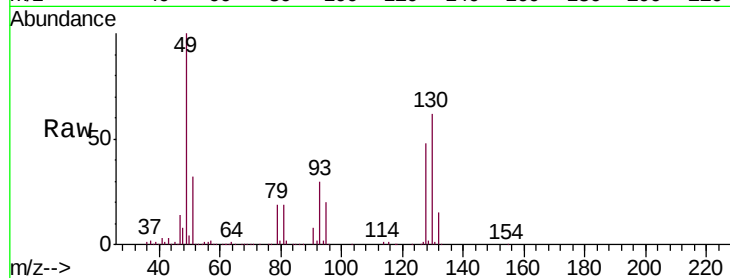
Tgt Ion: 49 Resp: 815886

Ion Ratio Lower Upper

49 100

128 50.1 25.5 76.5

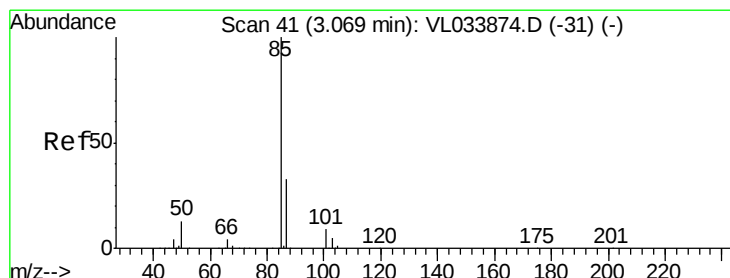
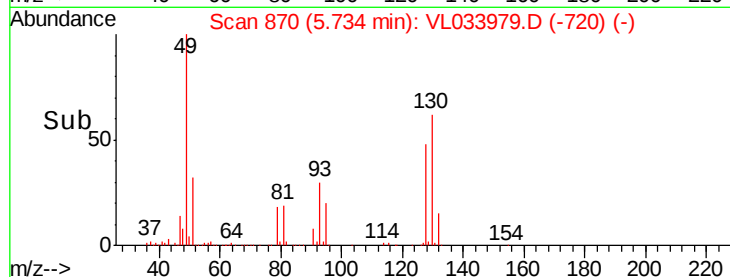
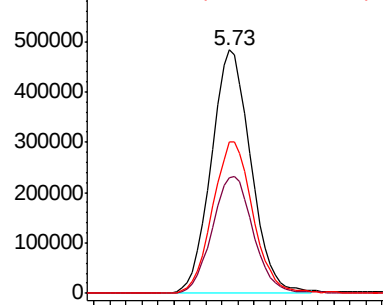
130 64.1 32.5 97.4



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.300 ppbv

RT: 3.06 min Scan# 39

Delta R.T. -0.01 min

Lab File: VL033979.D

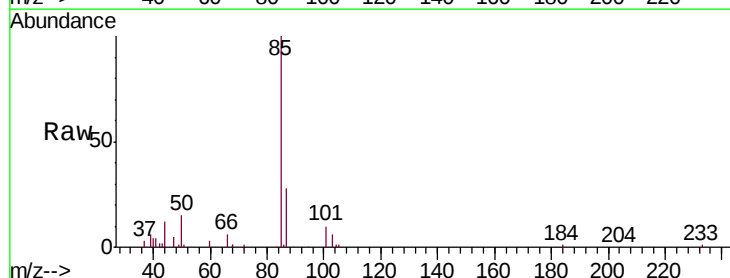
Acq: 26 Jun 2019 22:35

Tgt Ion: 85 Resp: 39686

Ion Ratio Lower Upper

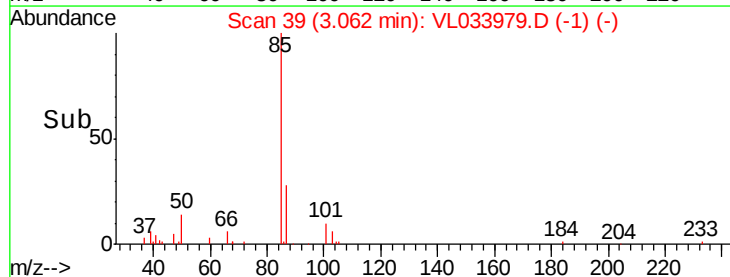
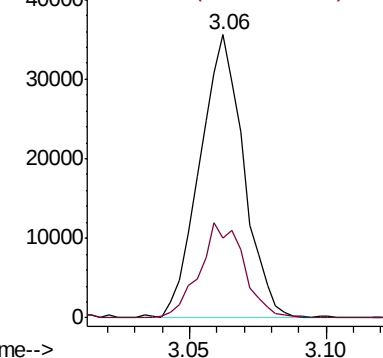
85 100

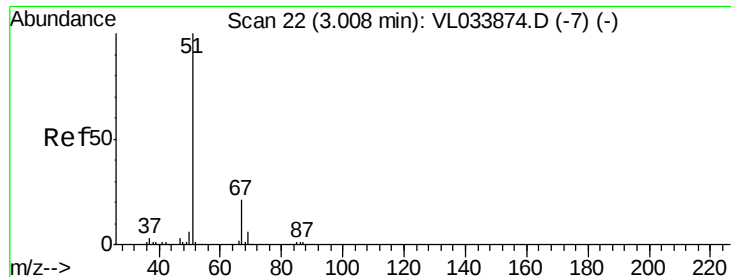
87 28.2 26.6 40.0



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.501 ppbv

RT: 3.00 min Scan# 20

Delta R.T. -0.01 min

Lab File: VL033979.D

Acq: 26 Jun 2019 22:35

Instrument :

MSVOA_L

ClientSampleId :

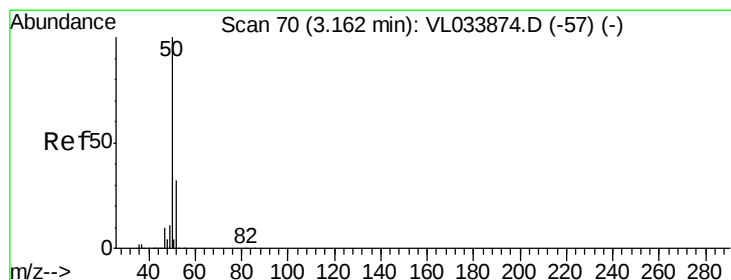
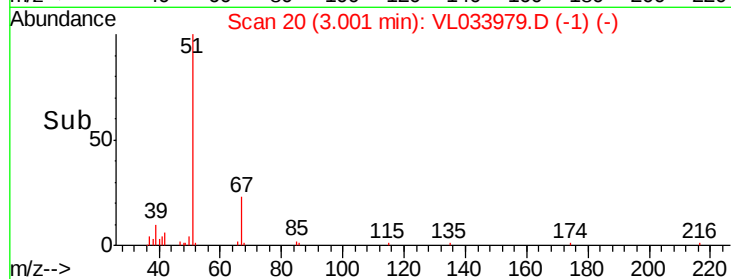
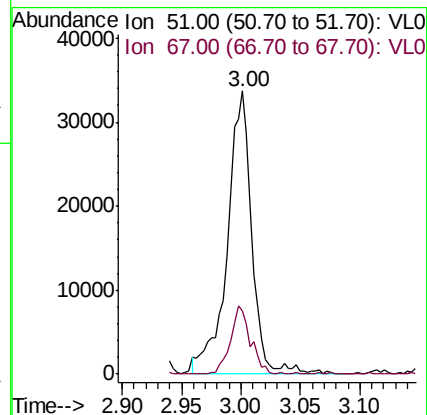
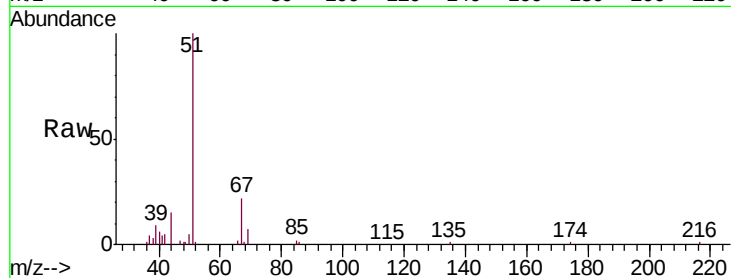
SUB-SLAB

Tgt Ion: 51 Resp: 48081

Ion Ratio Lower Upper

51 100

67 19.7 16.4 24.6



#4

Chloromethane

Concen: 0.519 ppbv

RT: 3.15 min Scan# 67

Delta R.T. -0.01 min

Lab File: VL033979.D

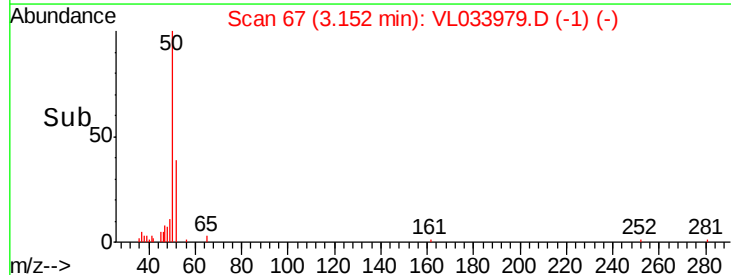
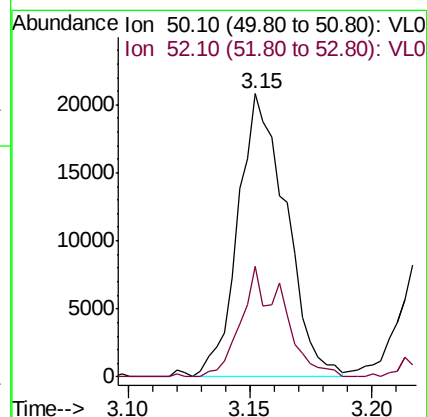
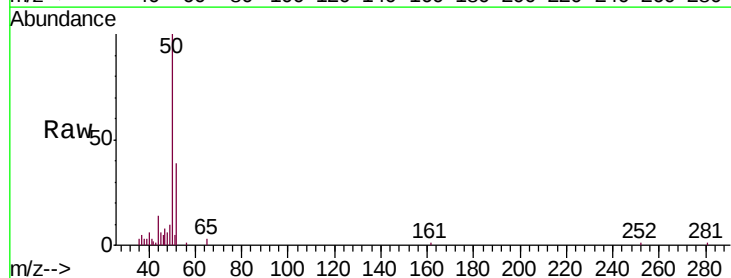
Acq: 26 Jun 2019 22:35

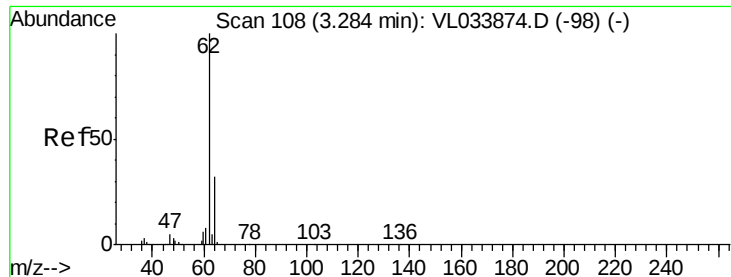
Tgt Ion: 50 Resp: 28437

Ion Ratio Lower Upper

50 100

52 39.0 25.4 38.0#





#5

Vinyl Chloride

Concen: 0.073 ppbv

RT: 3.03 min Scan# 29

Delta R.T. -0.25 min

Lab File: VL033979.D

Acq: 26 Jun 2019 22:35

Instrument :

MSVOA_L

ClientSampleId :

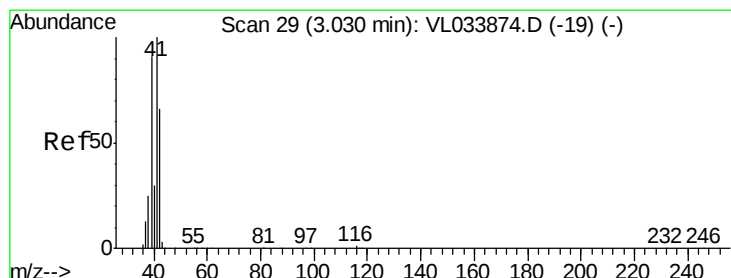
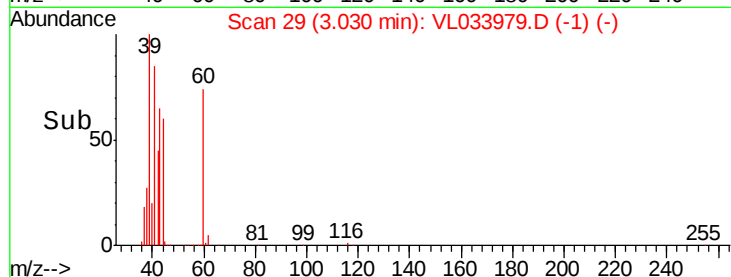
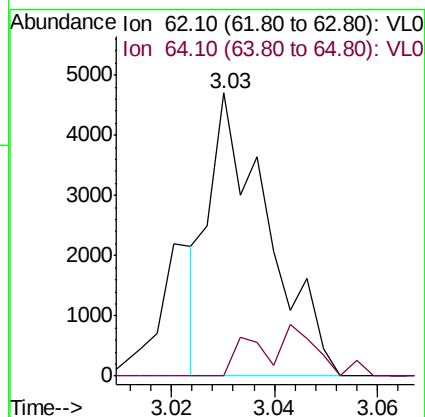
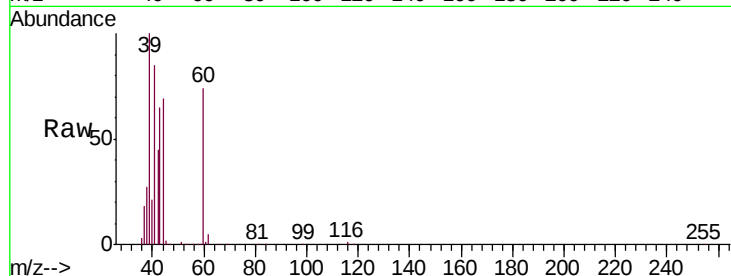
SUB-SLAB

Tgt Ion: 62 Resp: 3686

Ion Ratio Lower Upper

62 100

64 0.0 25.2 37.8#



#9

Propene

Concen: 11.216 ppbv

RT: 3.22 min Scan# 89

Delta R.T. 0.19 min

Lab File: VL033979.D

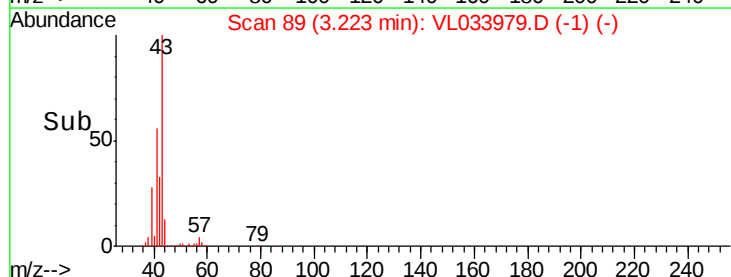
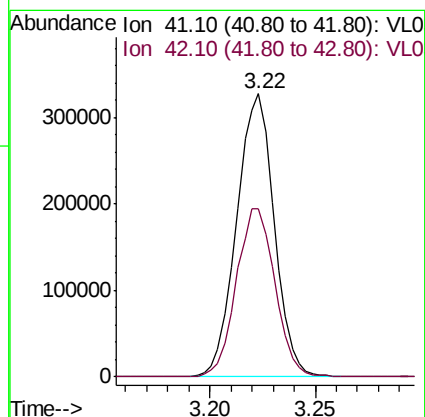
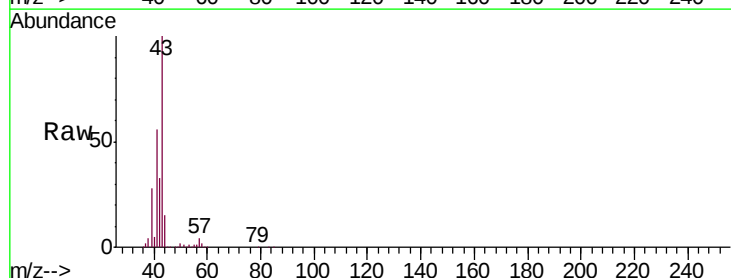
Acq: 26 Jun 2019 22:35

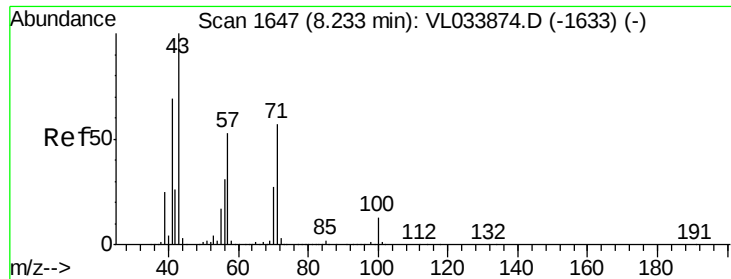
Tgt Ion: 41 Resp: 403108

Ion Ratio Lower Upper

41 100

42 61.8 56.3 84.5

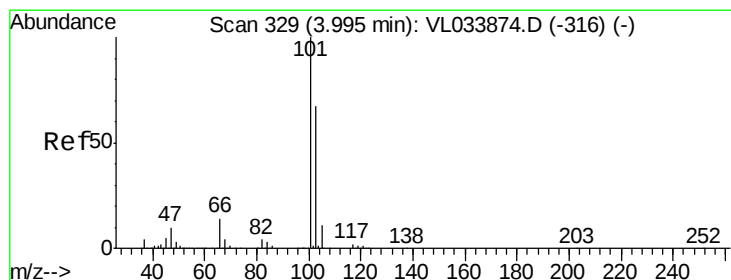
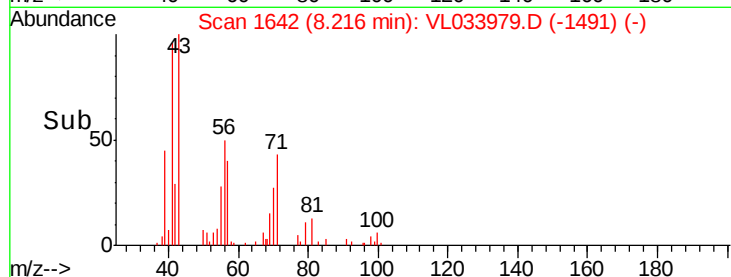
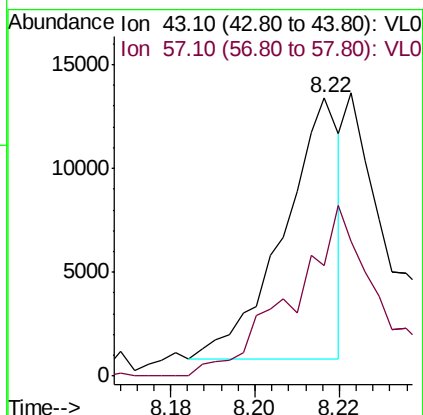
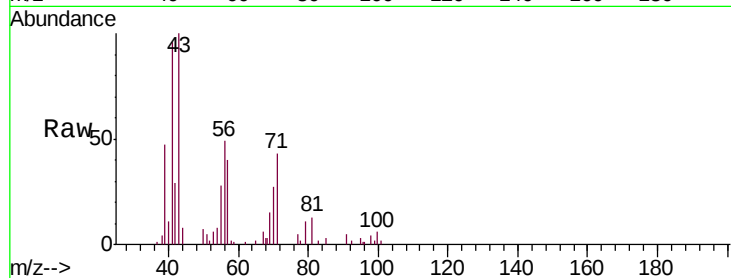




#10
 Heptane
 Concen: 0.128 ppbv
 RT: 8.22 min Scan# 1642
 Delta R.T. -0.02 min
 Lab File: VL033979.D
 Acq: 26 Jun 2019 22:35

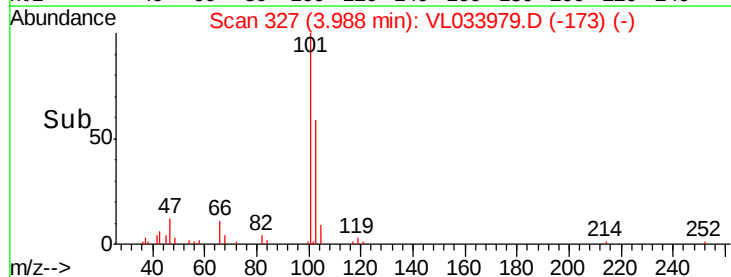
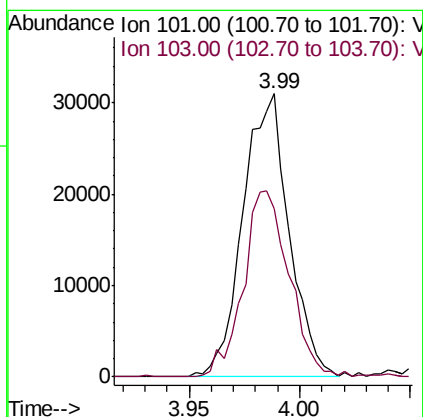
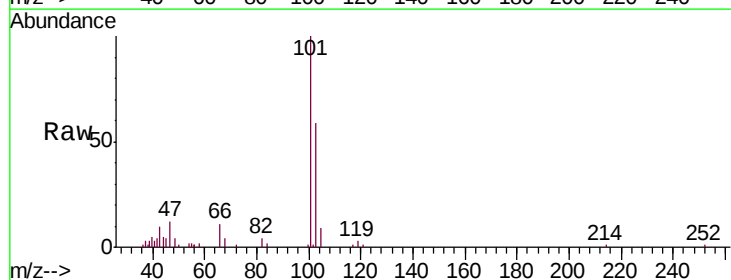
Instrument :
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 ClientSampleId :
 SUB-SLAB

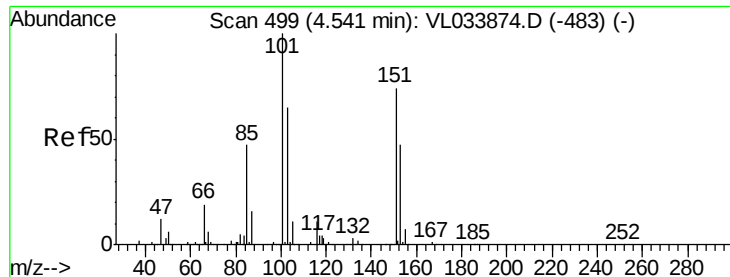
Tgt Ion: 43 Resp: 11649
 Ion Ratio Lower Upper
 43 100
 57 0.0 41.7 62.5#



#11
 Trichlorofluoromethane
 Concen: 0.263 ppbv
 RT: 3.99 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VL033979.D
 Acq: 26 Jun 2019 22:35

Tgt Ion: 101 Resp: 44943
 Ion Ratio Lower Upper
 101 100
 103 59.3 53.6 80.4





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.042 ppbv

RT: 4.53 min Scan# 495

Delta R.T. -0.01 min

Lab File: VL033979.D

Acq: 26 Jun 2019 22:35

Instrument :

MSVOA_L

ClientSampleId :

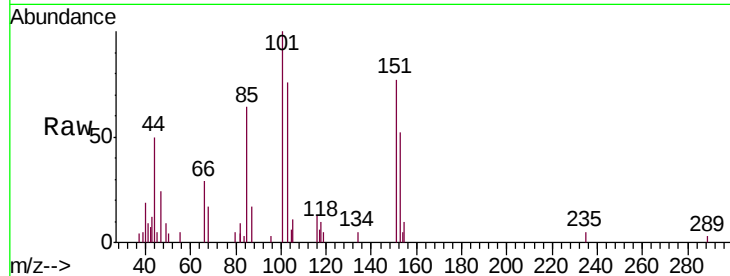
SUB-SLAB

Tgt Ion:101 Resp: 4805

Ion Ratio Lower Upper

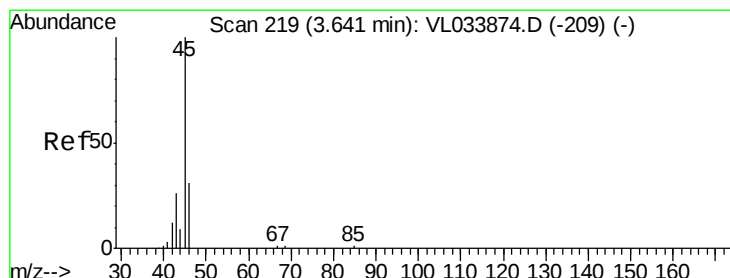
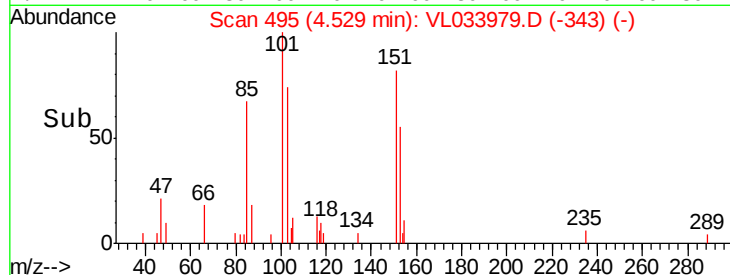
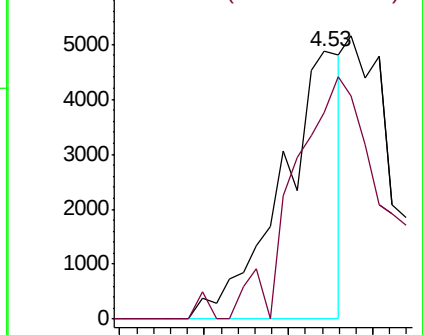
101 100

151 0.0 58.6 87.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V



#13

Ethanol

Concen: 15.520 ppbv

RT: 3.64 min Scan# 218

Delta R.T. -0.00 min

Lab File: VL033979.D

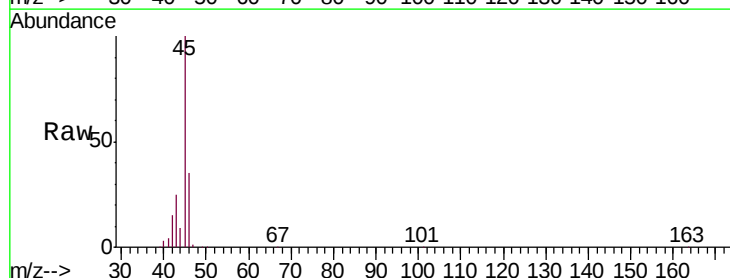
Acq: 26 Jun 2019 22:35

Tgt Ion: 45 Resp: 181481

Ion Ratio Lower Upper

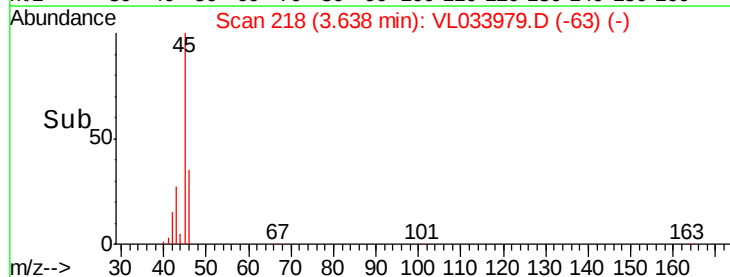
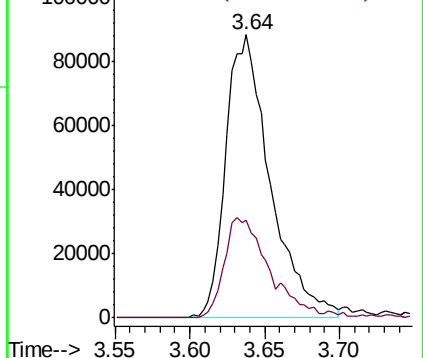
45 100

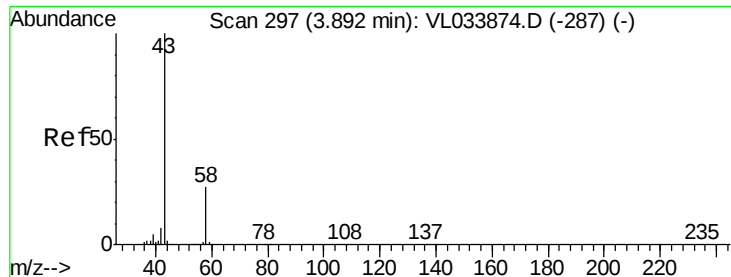
46 37.8 15.3 61.1



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 6.823 ppbv

RT: 3.88 min Scan# 294

Delta R.T. -0.01 min

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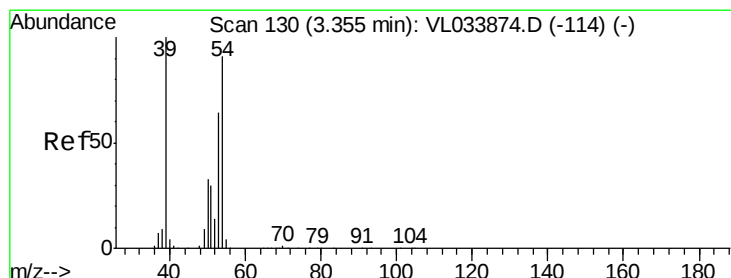
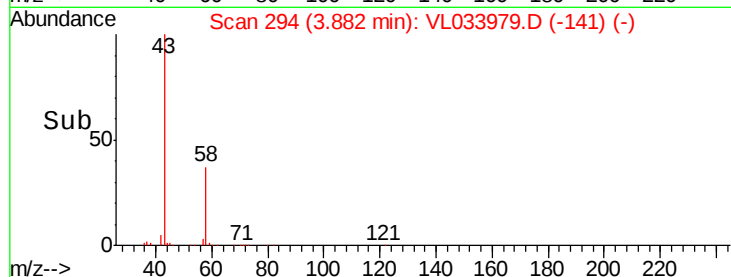
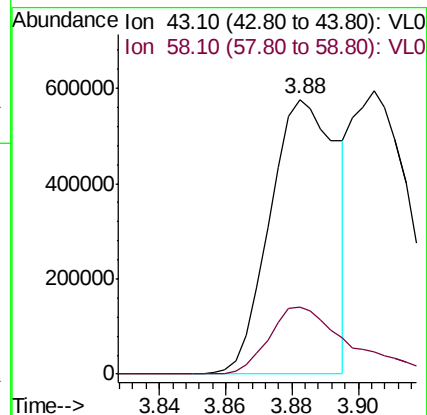
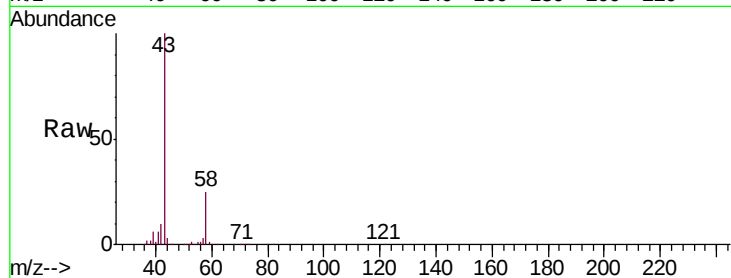
SUB-SLAB

Tgt Ion: 43 Resp: 811920

Ion Ratio Lower Upper

43 100

58 29.9 21.3 31.9



#16

1,3-Butadiene

Concen: 2.387 ppbv

RT: 3.33 min Scan# 121

Delta R.T. -0.03 min

Lab File: VL033979.D

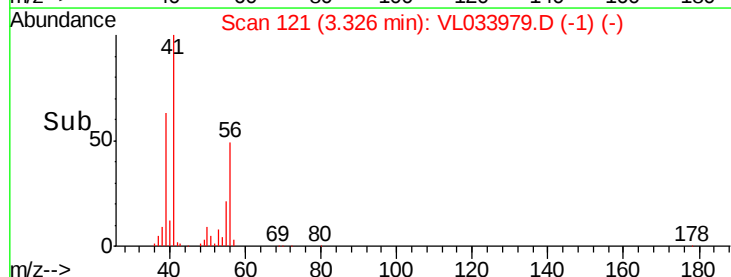
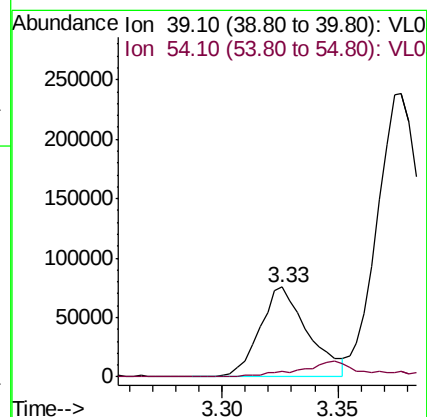
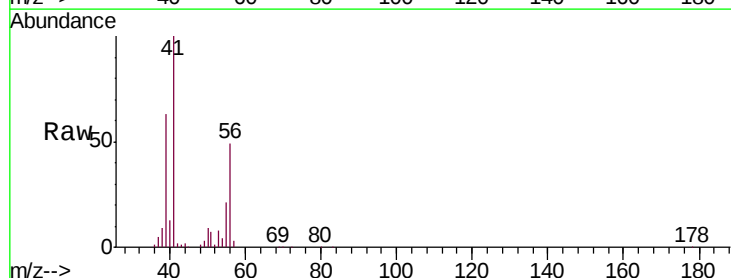
Acq: 26 Jun 2019 22:35

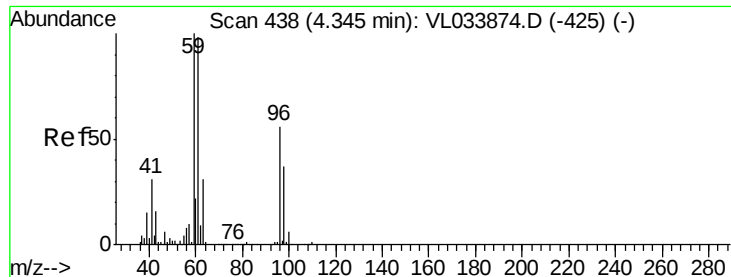
Tgt Ion: 39 Resp: 108114

Ion Ratio Lower Upper

39 100

54 24.5 68.6 103.0#

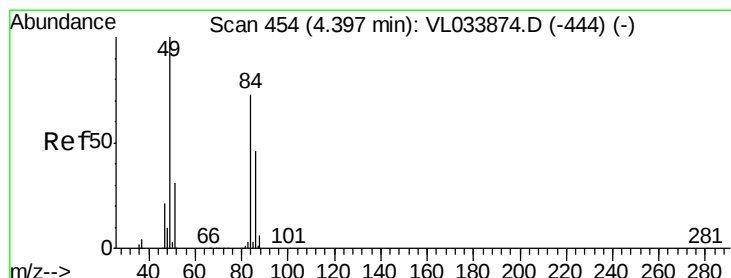
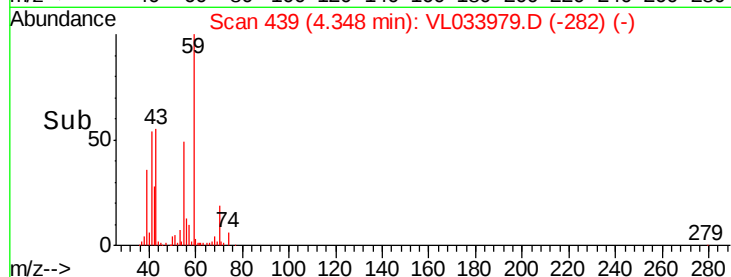
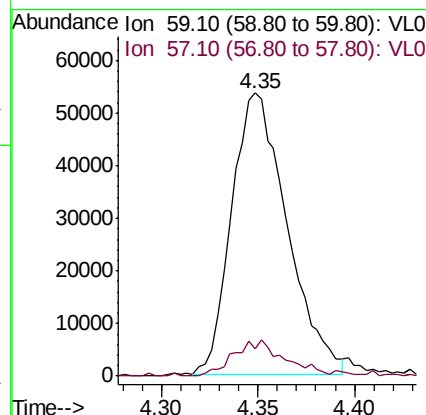
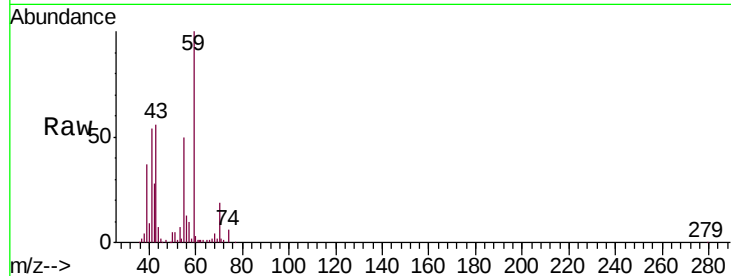




#17
 tert-Butyl alcohol
 Concen: 1.147 ppbv
 RT: 4.35 min Scan# 439
 Delta R.T. 0.00 min
 Lab File: VL033979.D
 Acq: 26 Jun 2019 22:35

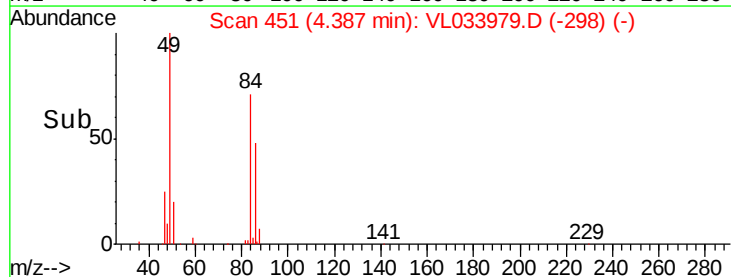
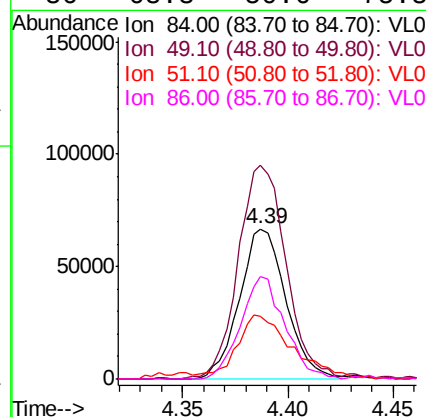
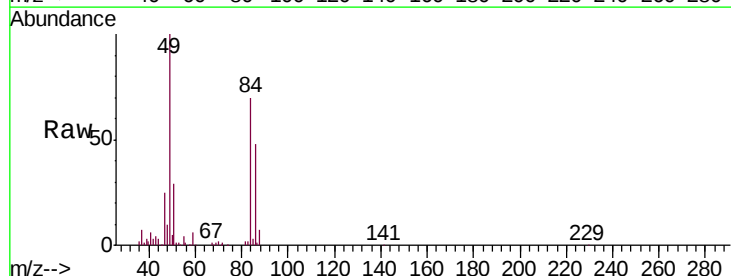
Instrument :
 MSVOA_L
 ClientSampleId :
 SUB-SLAB

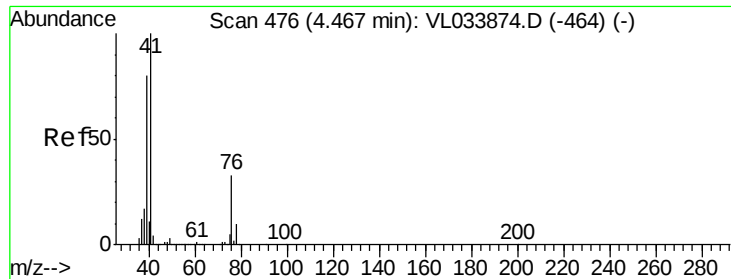
Tgt Ion: 59 Resp: 106656
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#



#20
 Methylene Chloride
 Concen: 2.212 ppbv
 RT: 4.39 min Scan# 451
 Delta R.T. -0.01 min
 Lab File: VL033979.D
 Acq: 26 Jun 2019 22:35

Tgt Ion: 84 Resp: 102633
 Ion Ratio Lower Upper
 84 100
 49 140.0 110.0 165.0
 51 38.8 34.6 51.8
 86 68.3 50.6 75.8





#21

Allyl Chloride

Concen: 0.425 ppbv

RT: 4.41 min Scan# 459

Delta R.T. -0.05 min

Lab File: VL033979.D

Acq: 26 Jun 2019 22:35

Instrument :

MSVOA_L

ClientSampleId :

SUB-SLAB

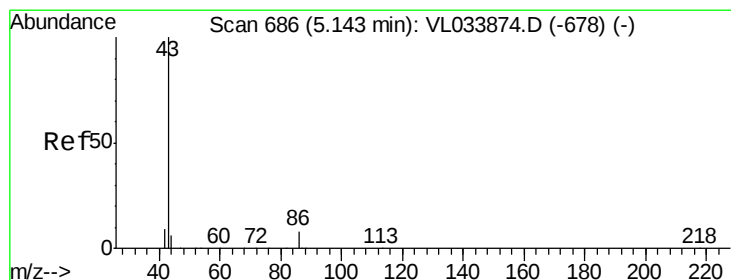
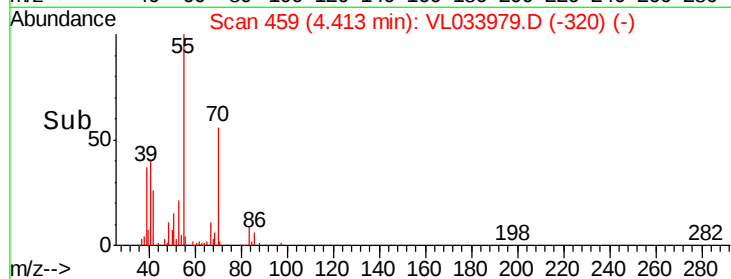
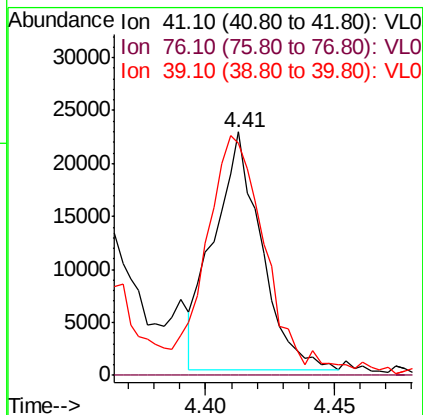
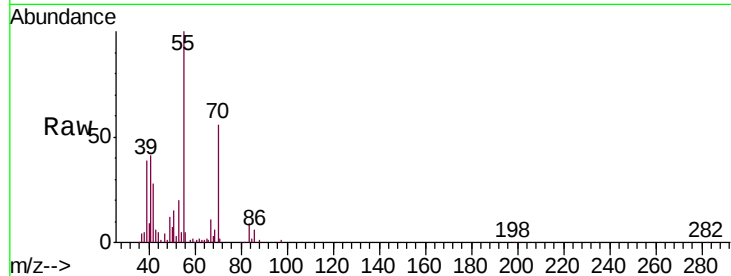
Tgt Ion: 41 Resp: 28744

Ion Ratio Lower Upper

41 100

76 0.0 26.6 39.8#

39 122.5 65.2 97.8#



#23

Vinyl Acetate

Concen: 0.817 ppbv

RT: 5.12 min Scan# 679

Delta R.T. -0.02 min

Lab File: VL033979.D

Acq: 26 Jun 2019 22:35

Tgt Ion: 43 Resp: 112953

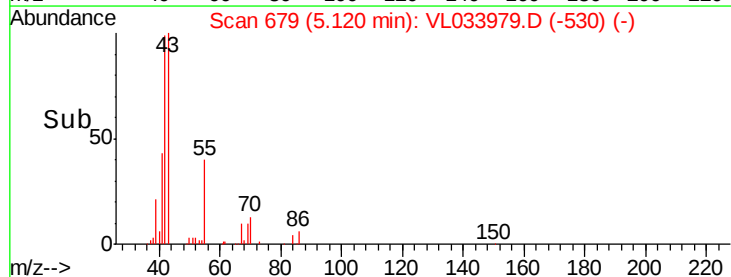
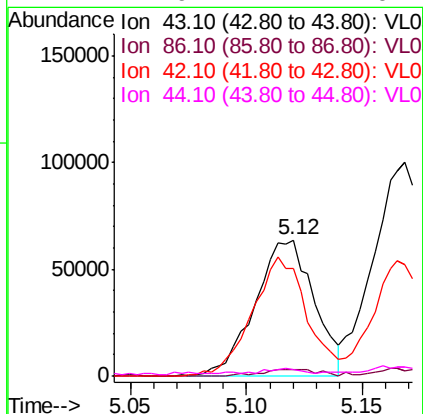
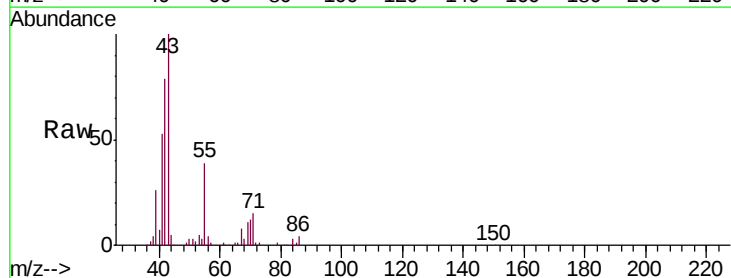
Ion Ratio Lower Upper

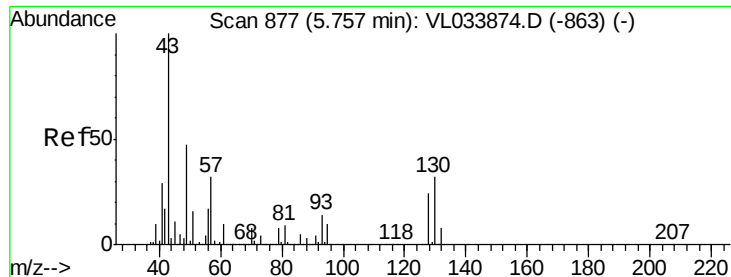
43 100

86 4.3 5.8 8.8#

42 77.8 7.8 11.8#

44 1.9 4.2 6.4#





#25

Ethyl Acetate

Concen: 0.484 ppbv

RT: 5.75 min Scan# 875

Delta R.T. -0.01 min

Lab File: VL033979.D

Acq: 26 Jun 2019 22:35

Instrument :

MSVOA_L

ClientSampleId :

SUB-SLAB

Tgt Ion: 43 Resp: 87654

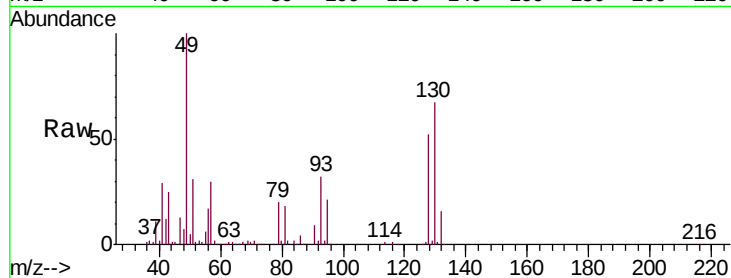
Ion Ratio Lower Upper

43 100

45 7.2 7.9 11.9#

61 2.9 7.8 11.6#

70 3.3 5.8 8.6#



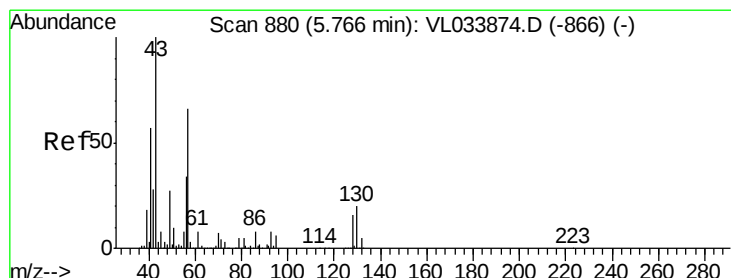
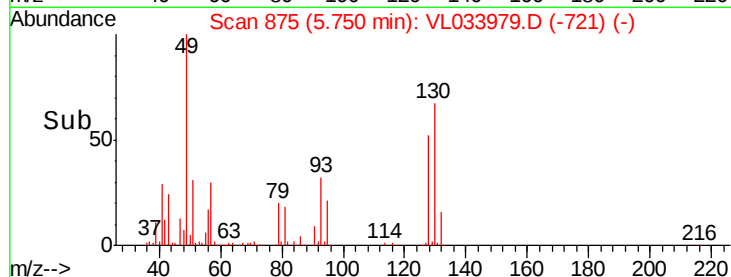
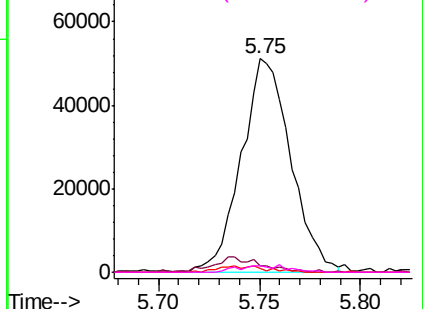
Abundance

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: 1.280 ppbv

RT: 5.76 min Scan# 877

Delta R.T. -0.01 min

Lab File: VL033979.D

Acq: 26 Jun 2019 22:35

Tgt Ion: 57 Resp: 105617

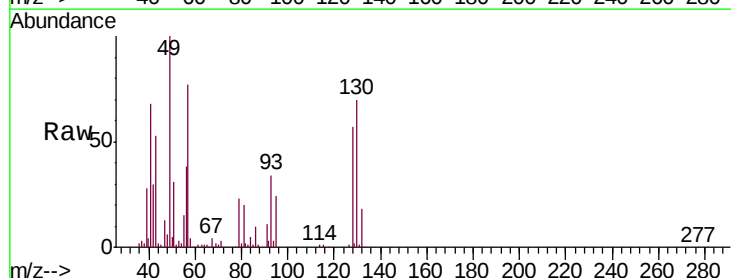
Ion Ratio Lower Upper

57 100

41 101.6 71.4 107.2

43 83.9 183.7 275.5#

56 59.9 42.7 64.1



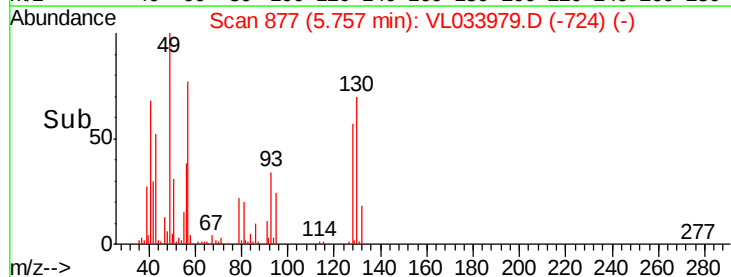
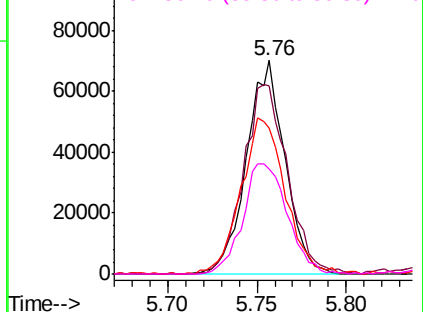
Abundance

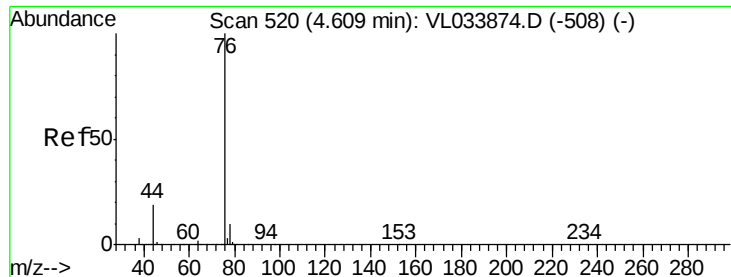
Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 0.032 ppbv

RT: 4.60 min Scan# 516

Delta R.T. -0.01 min

Lab File: VL033979.D

Acq: 26 Jun 2019 22:35

Instrument :

MSVOA_L

ClientSampleId :

SUB-SLAB

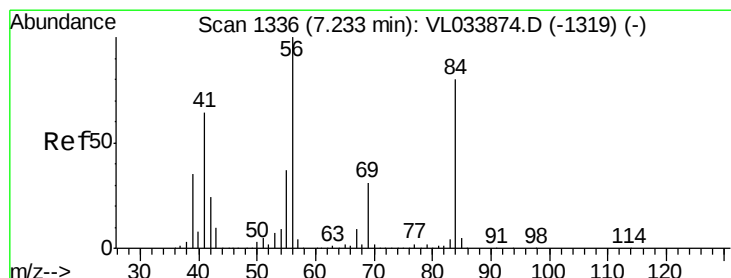
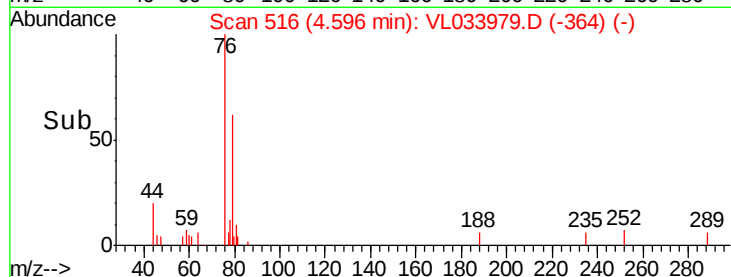
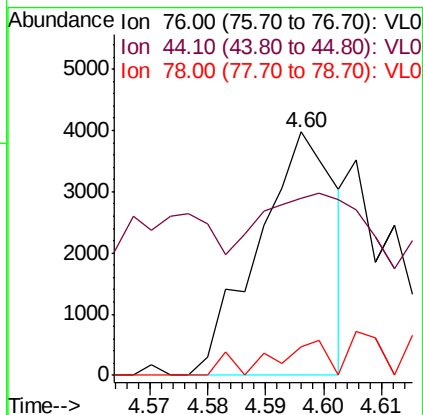
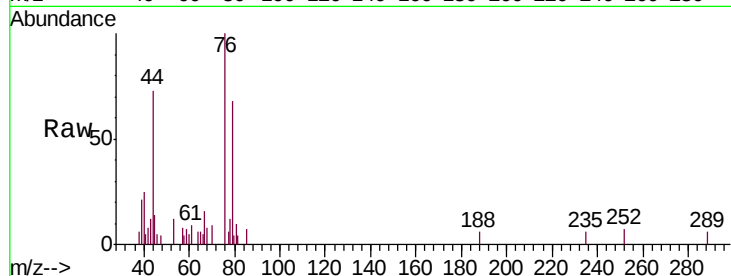
Tgt Ion: 76 Resp: 3683

Ion Ratio Lower Upper

76 100

44 52.1 14.4 21.6#

78 0.0 7.5 11.3#



#30

Cyclohexane

Concen: 0.142 ppbv

RT: 7.22 min Scan# 1332

Delta R.T. -0.01 min

Lab File: VL033979.D

Acq: 26 Jun 2019 22:35

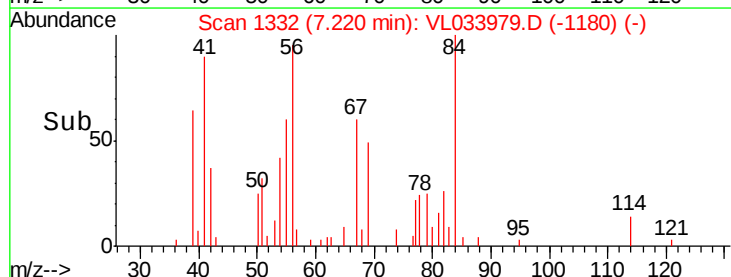
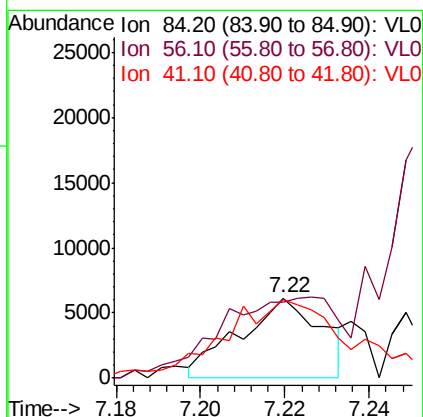
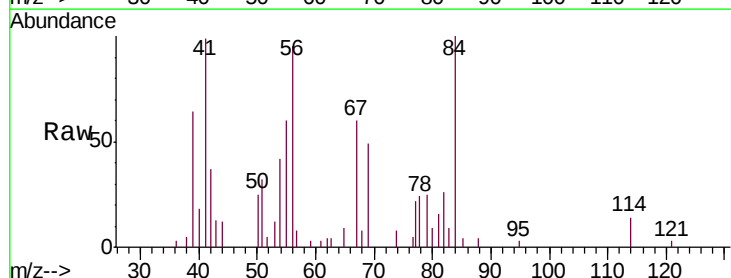
Tgt Ion: 84 Resp: 8291

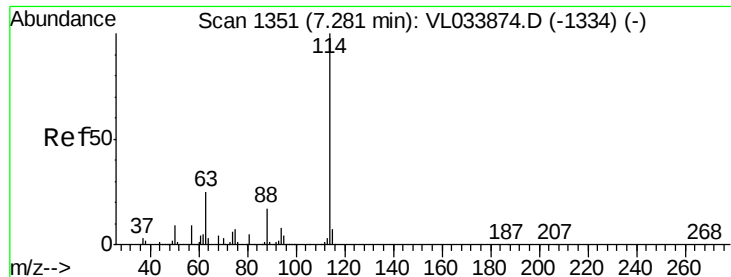
Ion Ratio Lower Upper

84 100

56 0.0 105.8 158.8#

41 161.5 65.7 98.5#

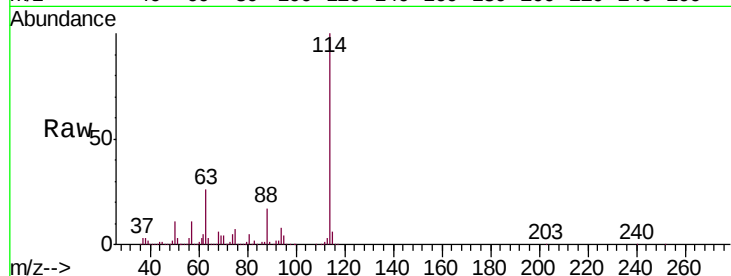




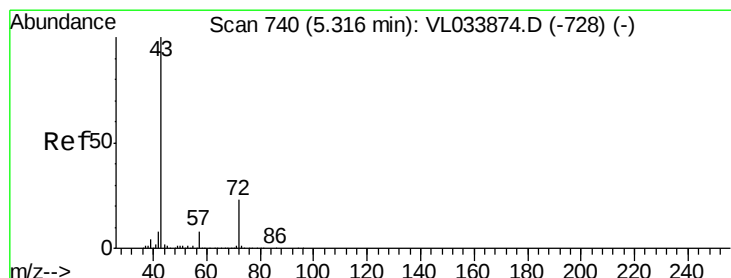
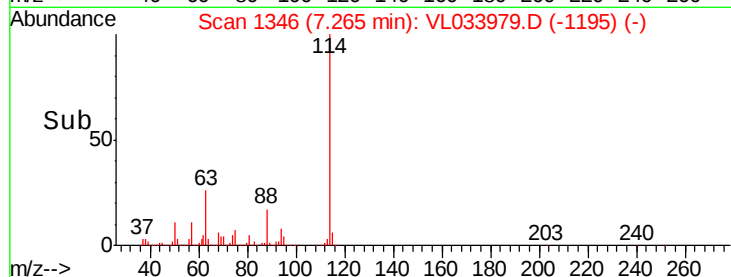
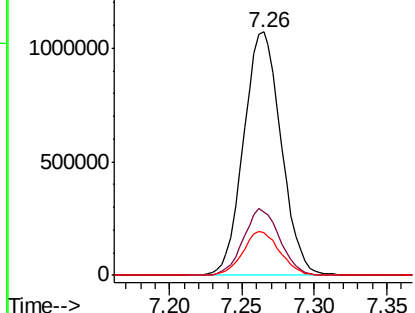
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.26 min Scan# 1346
 Delta R.T. -0.02 min
 Lab File: VL033979.D
 Acq: 26 Jun 2019 22:35

Instrument :
 MSVOA_L
 ClientSampleId :
 SUB-SLAB

Tgt Ion:114 Resp: 1928971
 Ion Ratio Lower Upper
 114 100
 63 26.6 21.1 31.7
 88 17.6 14.2 21.4

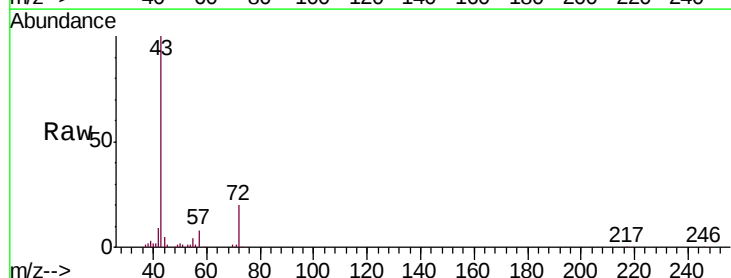


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

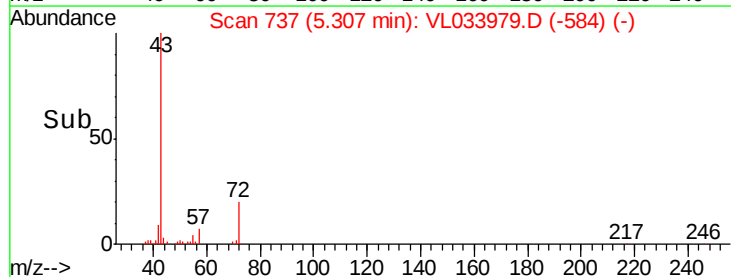
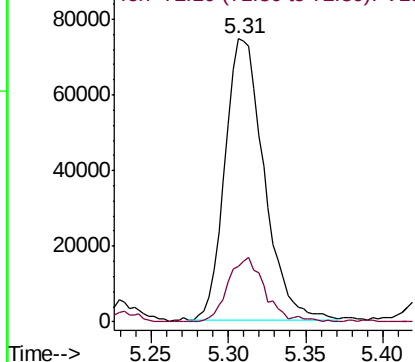


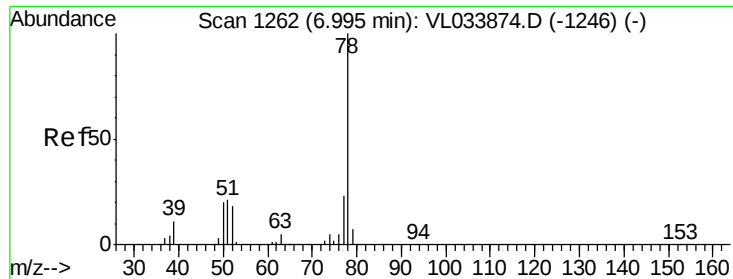
#34
 2-Butanone
 Concen: 1.198 ppbv
 RT: 5.31 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: VL033979.D
 Acq: 26 Jun 2019 22:35

Tgt Ion: 43 Resp: 130402
 Ion Ratio Lower Upper
 43 100
 72 21.9 17.9 26.9



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





#36

Benzene

Concen: 0.816 ppbv

RT: 6.98 min Scan# 1256

Delta R.T. -0.02 min

Lab File: VL033979.D

Acq: 26 Jun 2019 22:35

Instrument :

MSVOA_L

ClientSampleId :

SUB-SLAB

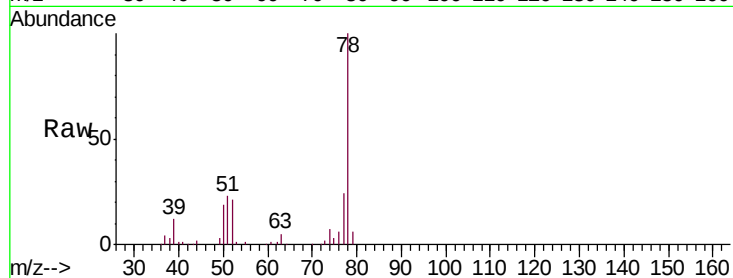
Tgt Ion: 78 Resp: 120288

Ion Ratio Lower Upper

78 100

77 24.1 18.2 27.2

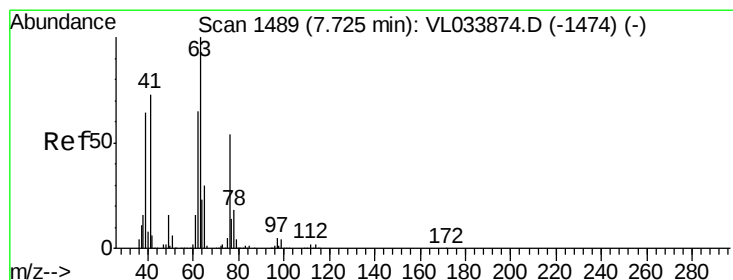
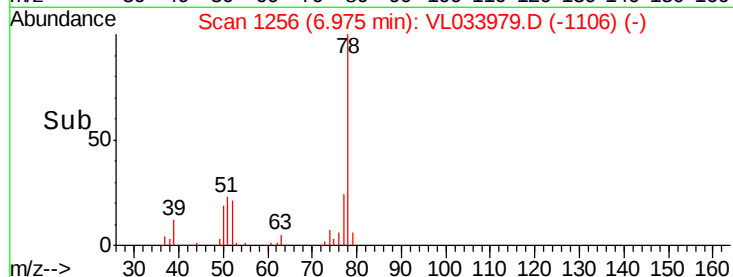
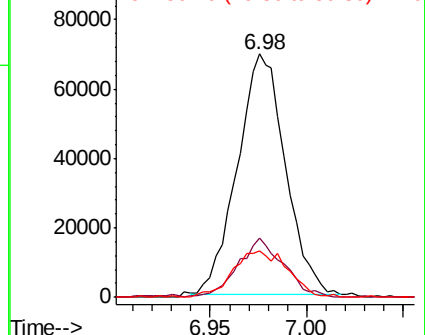
50 19.2 15.9 23.9



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



#39

1,2-Dichloropropane

Concen: 8.949 ppbv

RT: 7.26 min Scan# 1345

Delta R.T. -0.46 min

Lab File: VL033979.D

Acq: 26 Jun 2019 22:35

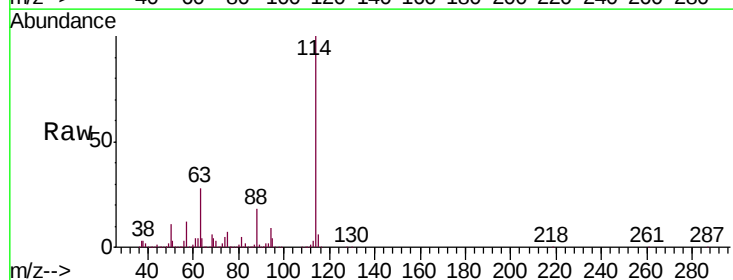
Tgt Ion: 63 Resp: 508912

Ion Ratio Lower Upper

63 100

41 0.0 58.7 88.1#

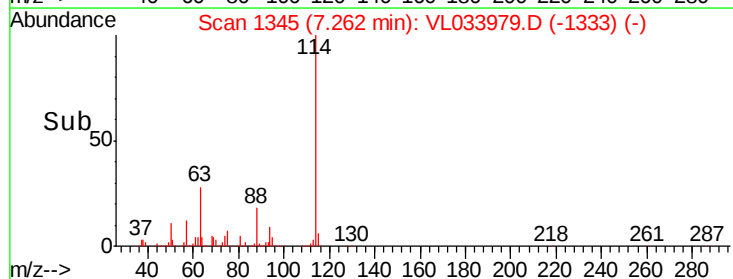
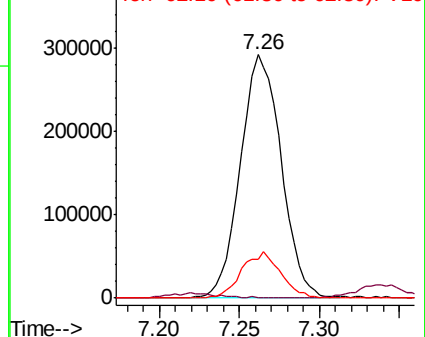
62 15.9 51.9 77.9#

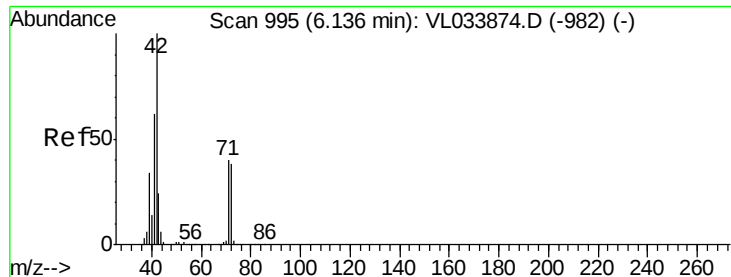


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0





#41

Tetrahydrofuran

Concen: 0.091 ppbv

RT: 6.13 min Scan# 994

Delta R.T. -0.00 min

Lab File: VL033979.D

Acq: 26 Jun 2019 22:35

Instrument :

MSVOA_L

ClientSampleId :

SUB-SLAB

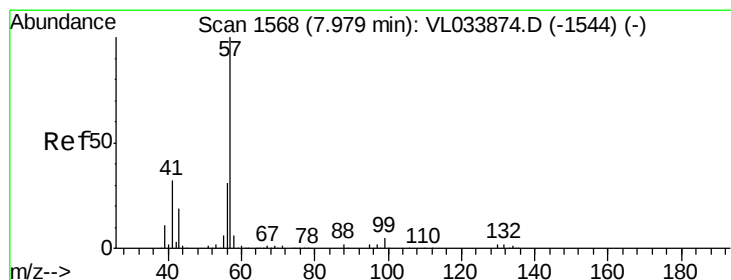
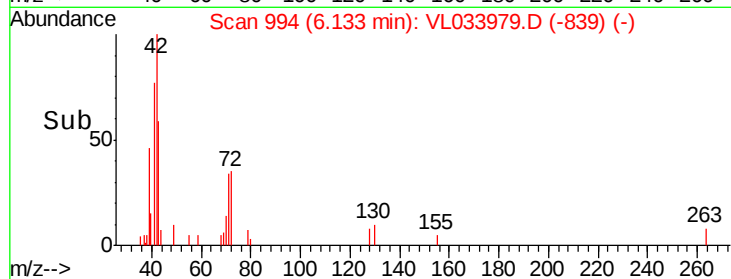
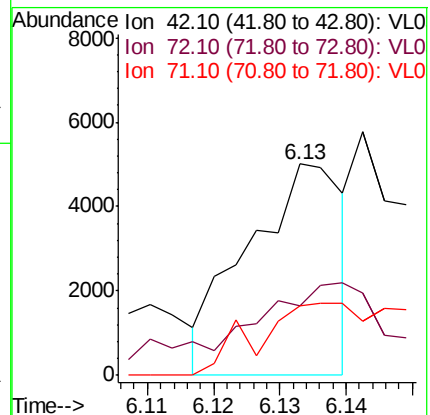
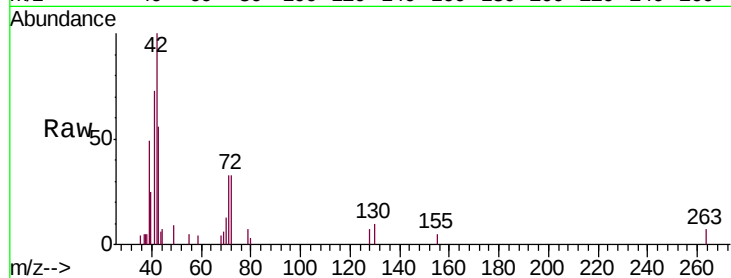
Tgt Ion: 42 Resp: 5024

Ion Ratio Lower Upper

42 100

72 0.0 32.2 48.4#

71 63.6 31.7 47.5#



#44

2,2,4-Trimethylpentane

Concen: 1.448 ppbv

RT: 7.96 min Scan# 1563

Delta R.T. -0.02 min

Lab File: VL033979.D

Acq: 26 Jun 2019 22:35

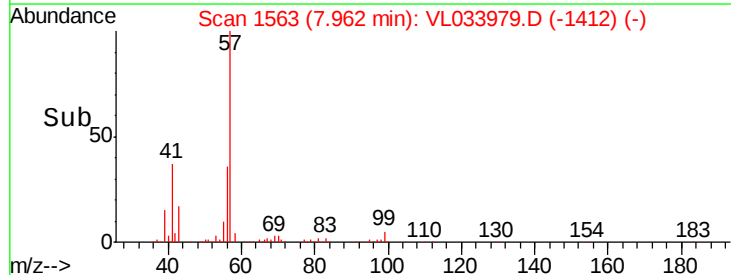
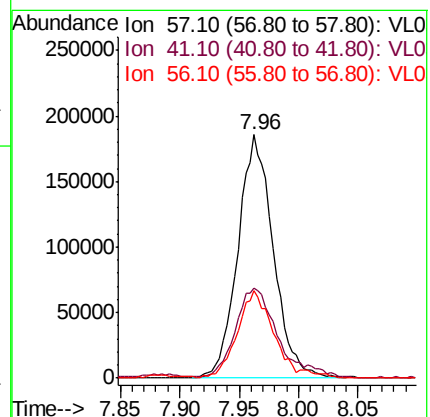
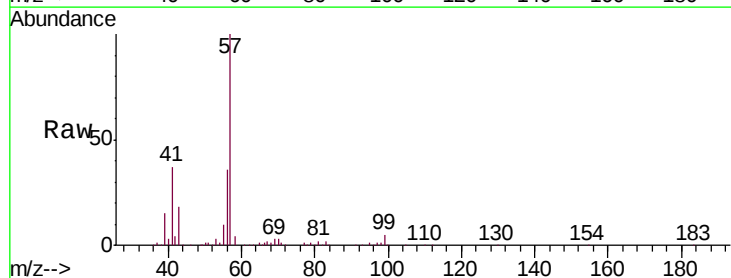
Tgt Ion: 57 Resp: 379550

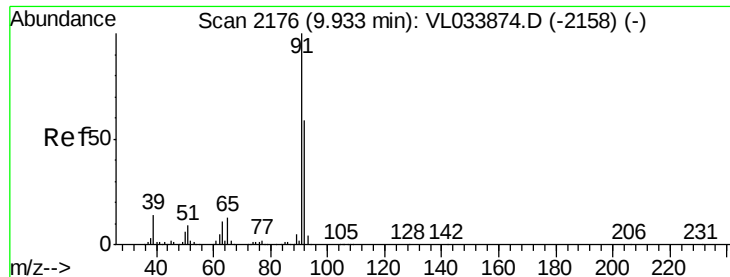
Ion Ratio Lower Upper

57 100

41 45.1 26.1 39.1#

56 37.9 24.6 36.8#





#53

Toluene

Concen: 4.492 ppbv

RT: 9.92 min Scan# 2171

Delta R.T. -0.02 min

Lab File: VL033979.D

Acq: 26 Jun 2019 22:35

Instrument :

MSVOA_L

ClientSampleId :

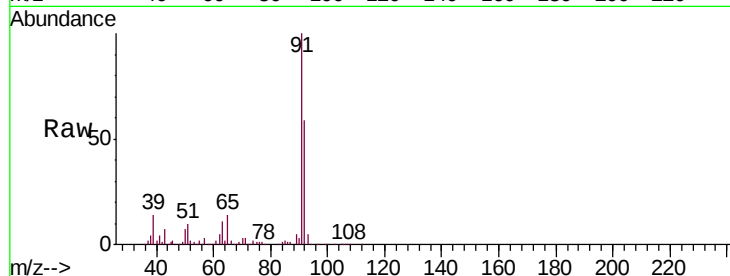
SUB-SLAB

Tgt Ion: 91 Resp: 732489

Ion Ratio Lower Upper

91 100

92 58.5 47.0 70.6



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

9.92

400000

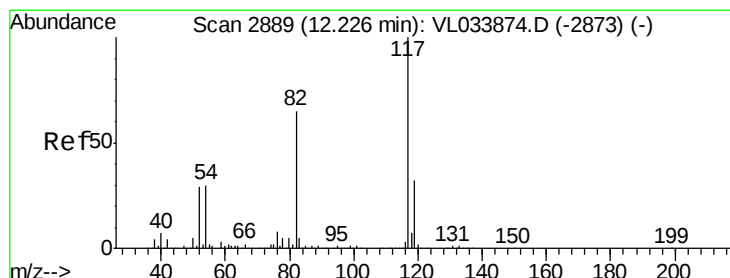
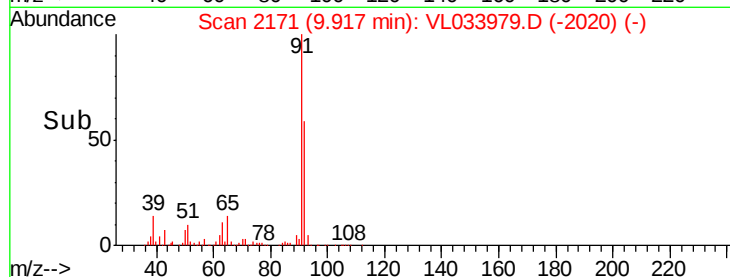
300000

200000

100000

0

Time-->



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.21 min Scan# 2883

Delta R.T. -0.02 min

Lab File: VL033979.D

Acq: 26 Jun 2019 22:35

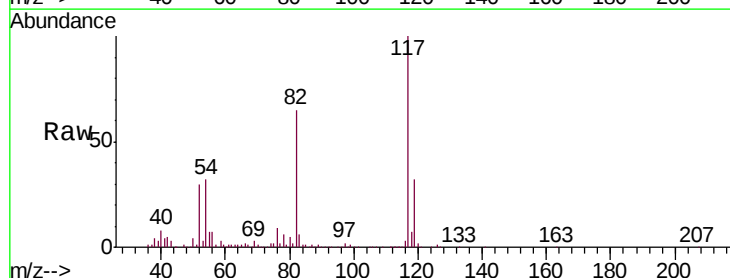
Tgt Ion: 117 Resp: 2036049

Ion Ratio Lower Upper

117 100

82 66.9 50.2 75.2

119 32.5 24.8 37.2



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V

12.21

1200000

1000000

800000

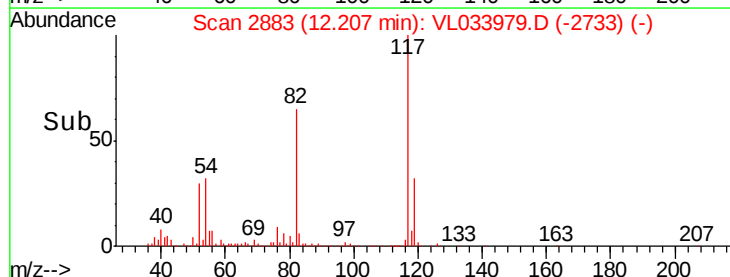
600000

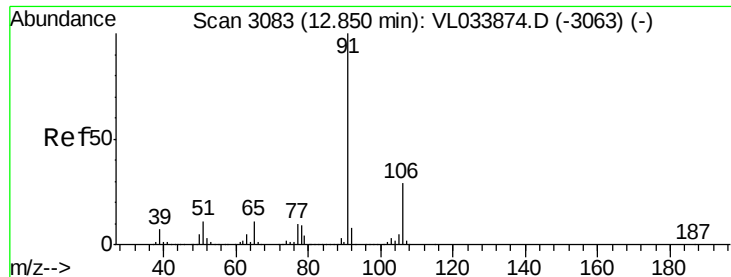
400000

200000

0

Time-->





#58

Ethyl Benzene

Concen: 0.701 ppbv

RT: 12.83 min Scan# 3078

Delta R.T. -0.02 min

Lab File: VL033979.D

Acq: 26 Jun 2019 22:35

Instrument :

MSVOA_L

ClientSampleId :

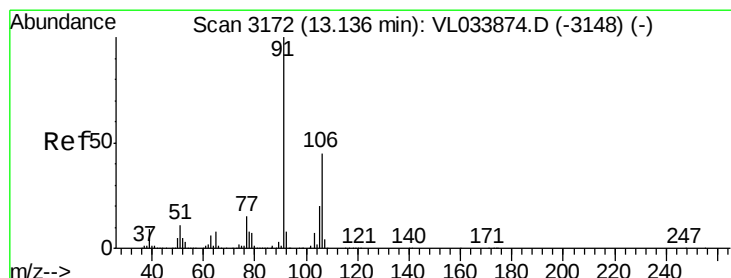
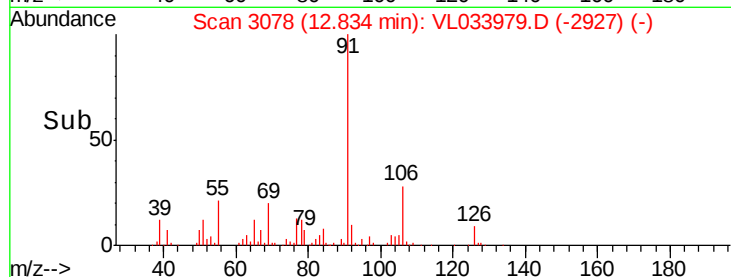
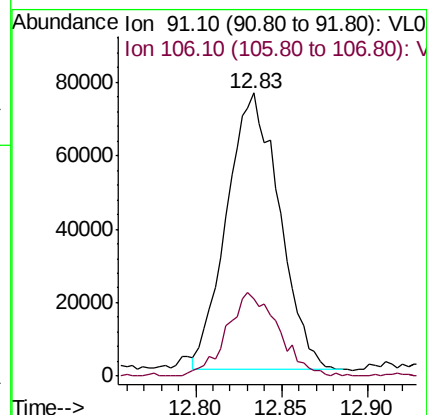
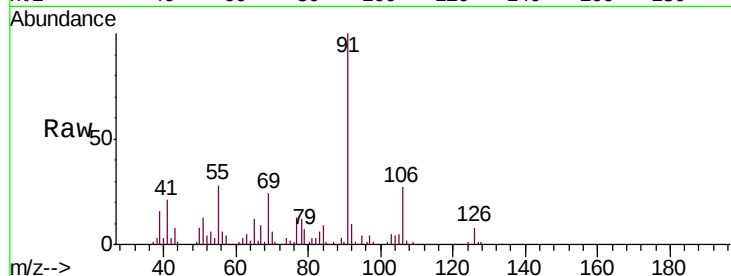
SUB-SLAB

Tgt Ion: 91 Resp: 160884

Ion Ratio Lower Upper

91 100

106 26.8 23.0 34.6



#59

m/p-Xylene

Concen: 2.300 ppbv

RT: 13.09 min Scan# 3158

Delta R.T. -0.04 min

Lab File: VL033979.D

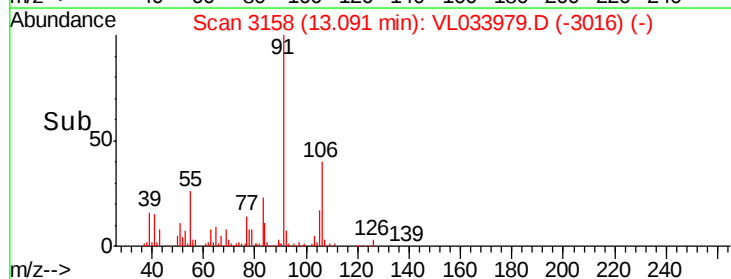
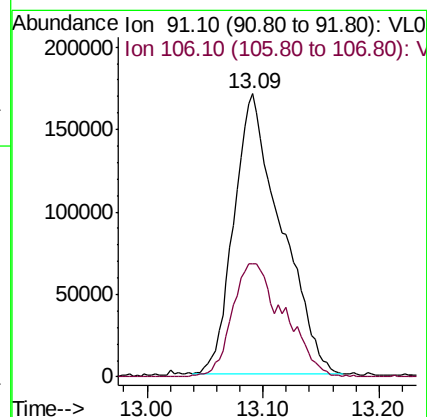
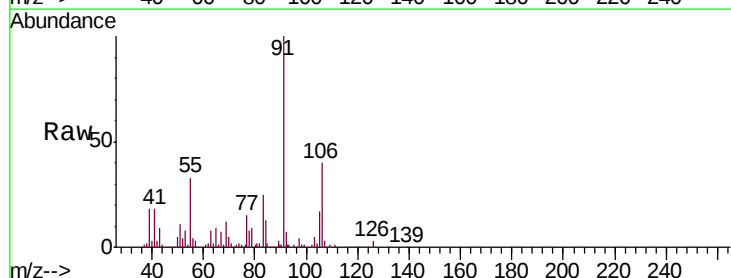
Acq: 26 Jun 2019 22:35

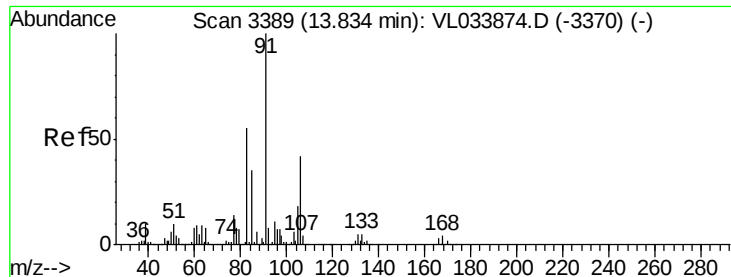
Tgt Ion: 91 Resp: 480142

Ion Ratio Lower Upper

91 100

106 44.4 35.8 53.8

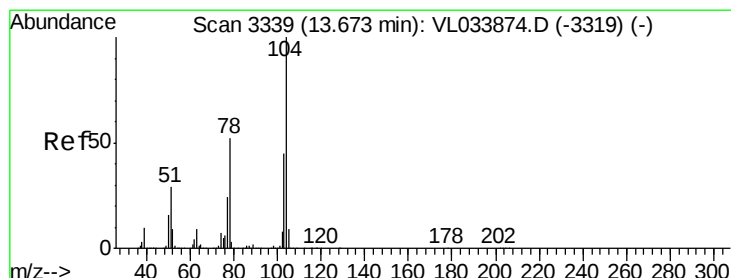
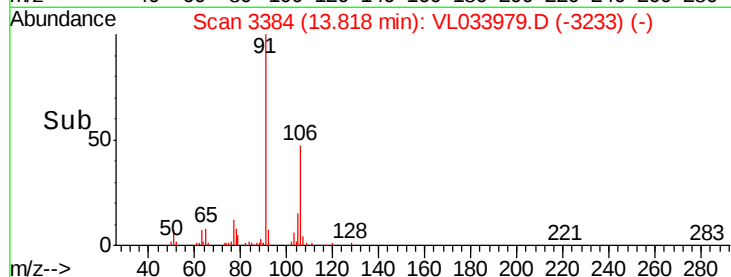
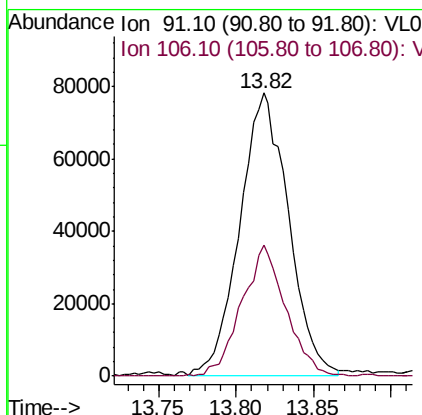
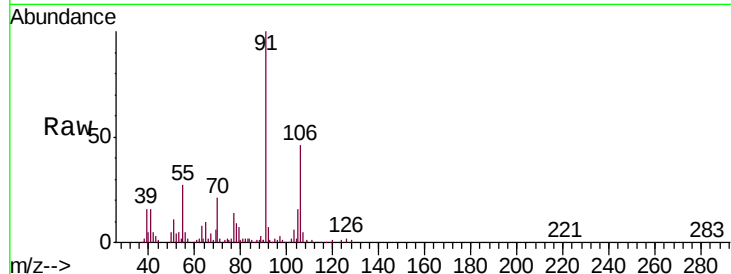




#60
o-Xylene
Concen: 0.797 ppbv
RT: 13.82 min Scan# 3384
Delta R.T. -0.02 min
Lab File: VL033979.D
Acq: 26 Jun 2019 22:35

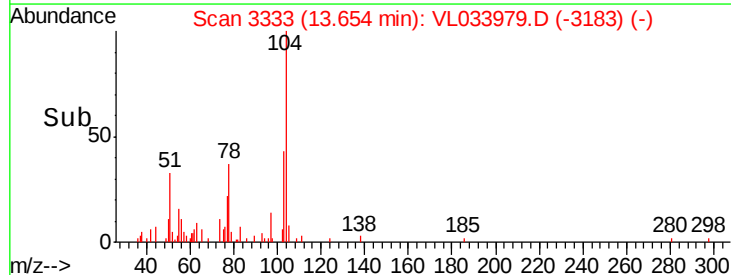
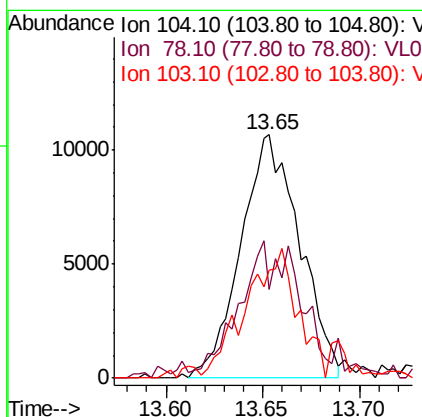
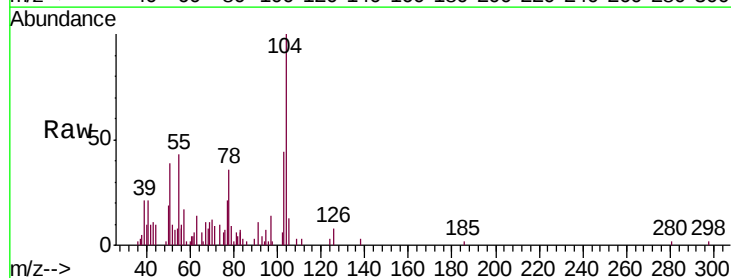
Instrument :
MSVOA_L
ClientSampleId :
SUB-SLAB

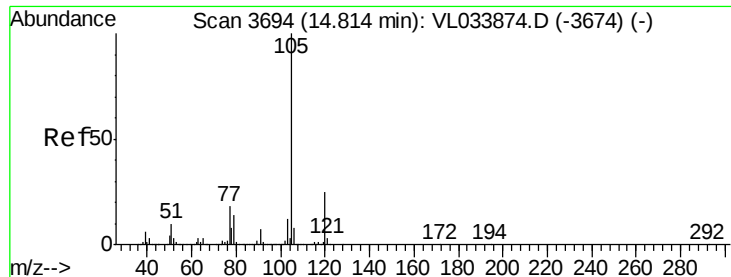
Tgt Ion: 91 Resp: 171708
Ion Ratio Lower Upper
91 100
106 41.9 21.7 65.1



#61
Styrene
Concen: 0.162 ppbv
RT: 13.65 min Scan# 3333
Delta R.T. -0.02 min
Lab File: VL033979.D
Acq: 26 Jun 2019 22:35

Tgt Ion: 104 Resp: 22623
Ion Ratio Lower Upper
104 100
78 64.0 43.4 65.0
103 55.1 37.6 56.4





#62

Isopropylbenzene

Concen: 0.819 ppbv

RT: 14.79 min Scan# 3688

Delta R.T. -0.02 min

Lab File: VL033979.D

Acq: 26 Jun 2019 22:35

Instrument :

MSVOA_L

ClientSampleId :

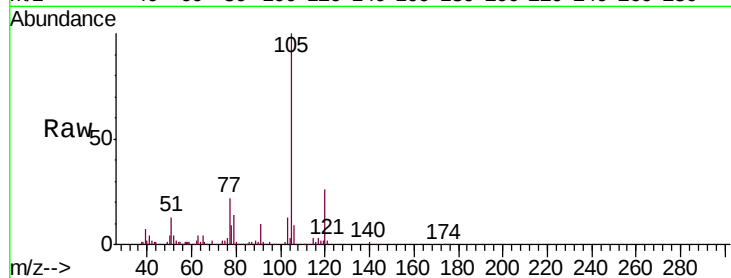
SUB-SLAB

Tgt Ion:105 Resp: 237882

Ion Ratio Lower Upper

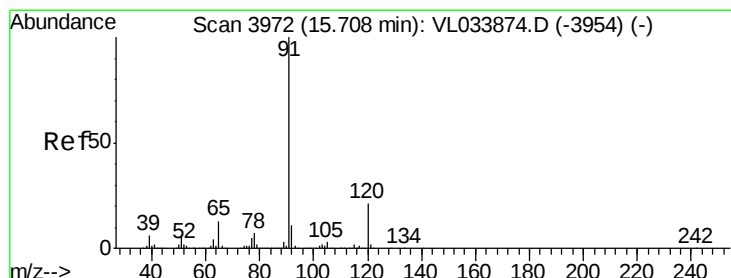
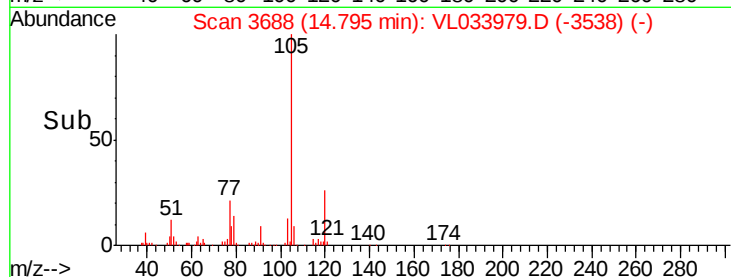
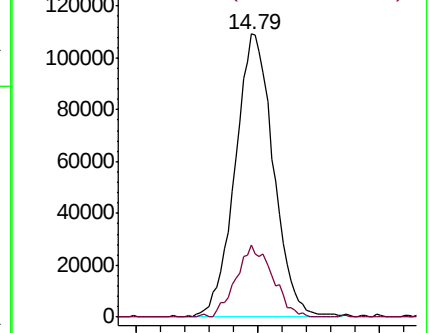
105 100

120 24.3 20.3 30.5



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#64

n-propylbenzene

Concen: 0.093 ppbv

RT: 15.69 min Scan# 3966

Delta R.T. -0.02 min

Lab File: VL033979.D

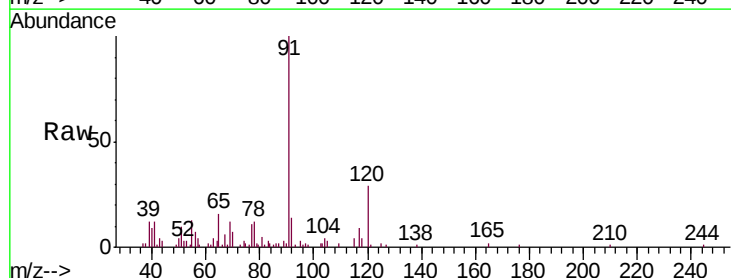
Acq: 26 Jun 2019 22:35

Tgt Ion:120 Resp: 6908

Ion Ratio Lower Upper

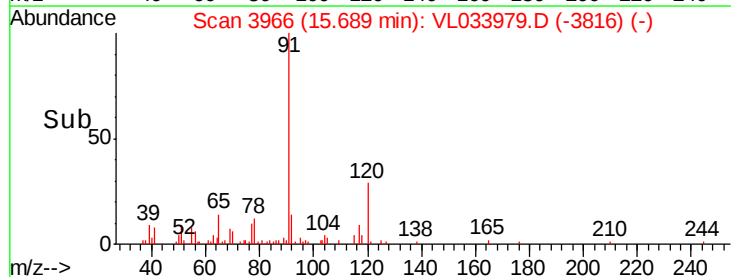
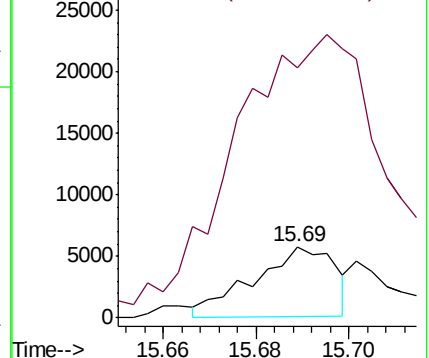
120 100

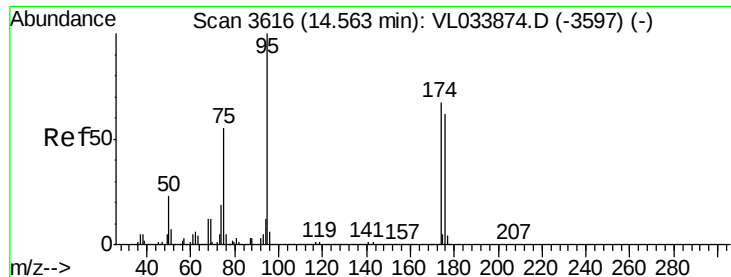
91 0.0 387.0 580.6#



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

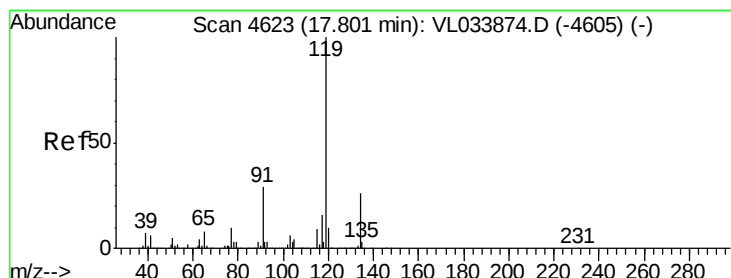
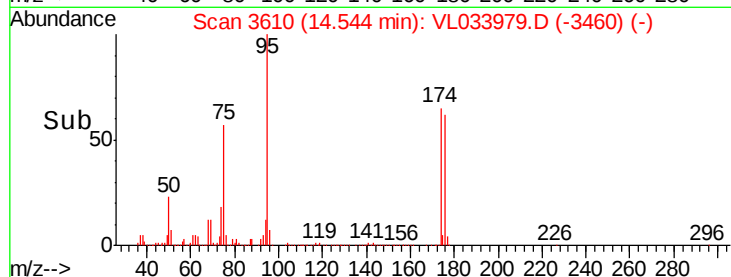
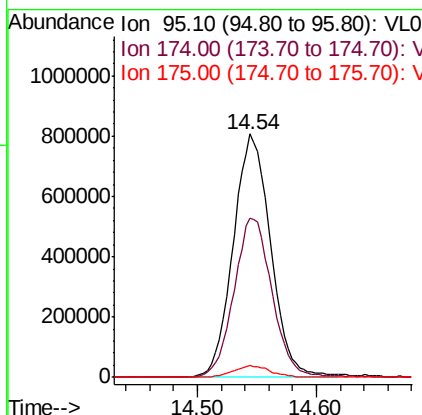
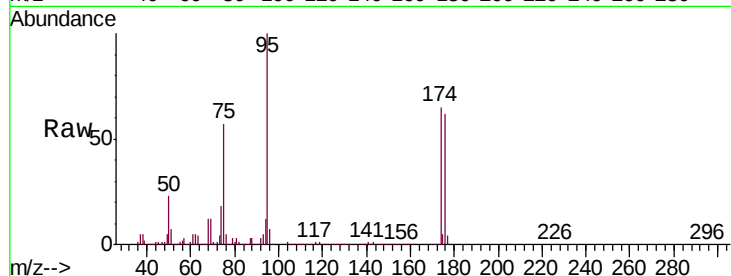




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.472 ppbv
 RT: 14.54 min Scan# 3610
 Delta R.T. -0.02 min
 Lab File: VL033979.D
 Acq: 26 Jun 2019 22:35

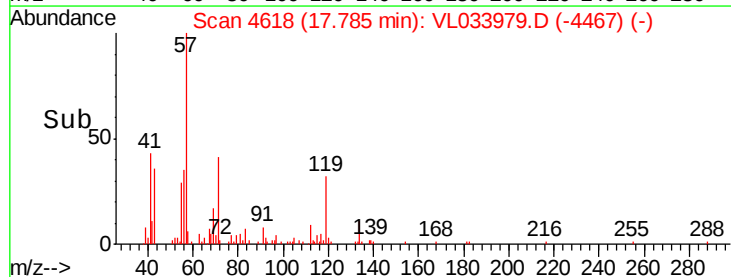
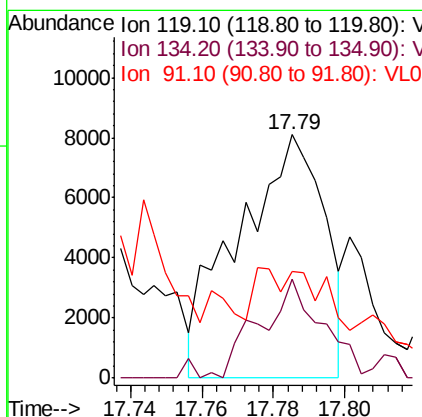
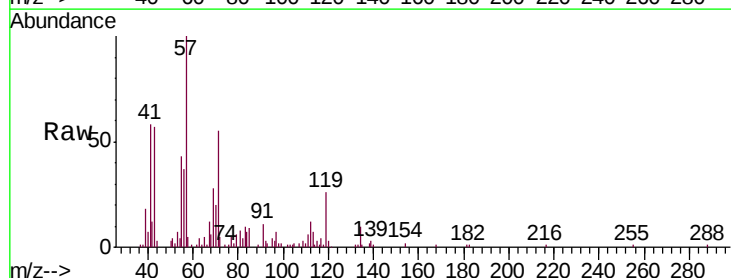
Instrument :
 MSVOA_L
 ClientSampled :
 SUB-SLAB

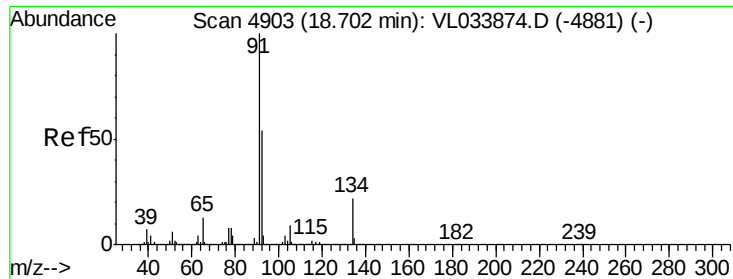
Tgt Ion: 95 Resp: 1751272
 Ion Ratio Lower Upper
 95 100
 174 67.4 54.0 81.0
 175 4.9 3.8 5.8



#69
 p-Isopropyltoluene
 Concen: 0.043 ppbv
 RT: 17.79 min Scan# 4618
 Delta R.T. -0.02 min
 Lab File: VL033979.D
 Acq: 26 Jun 2019 22:35

Tgt Ion: 119 Resp: 13614
 Ion Ratio Lower Upper
 119 100
 134 32.6 20.3 30.5#
 91 51.3 23.8 35.6#

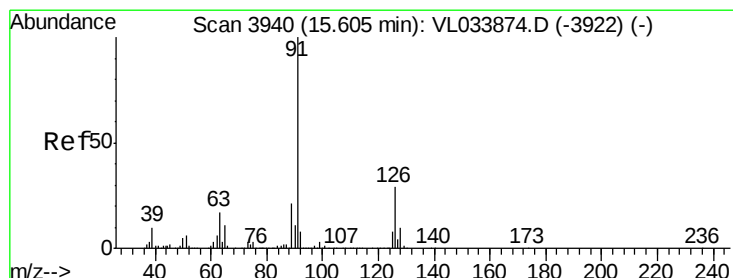
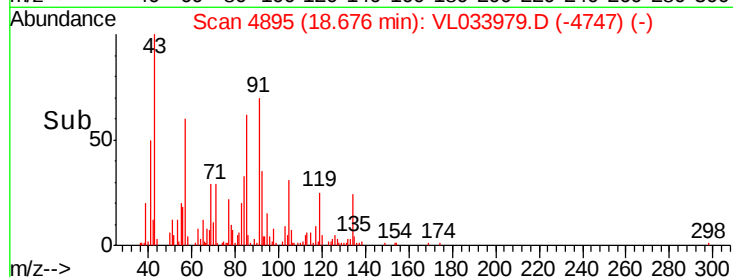
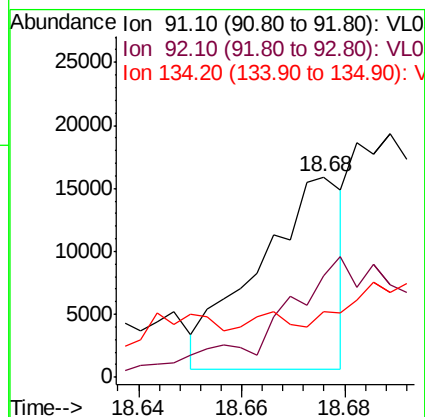
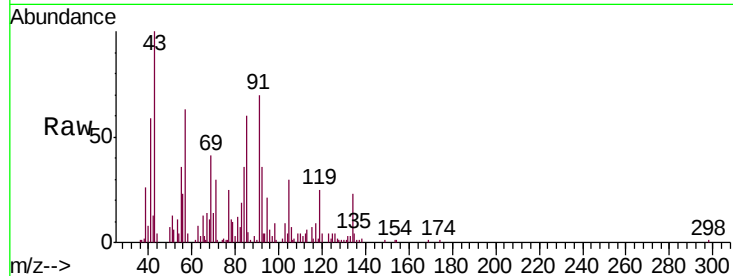




#70
n-Butylbenzene
Concen: 0.050 ppbv
RT: 18.68 min Scan# 4895
Delta R.T. -0.03 min
Lab File: VL033979.D
Acq: 26 Jun 2019 22:35

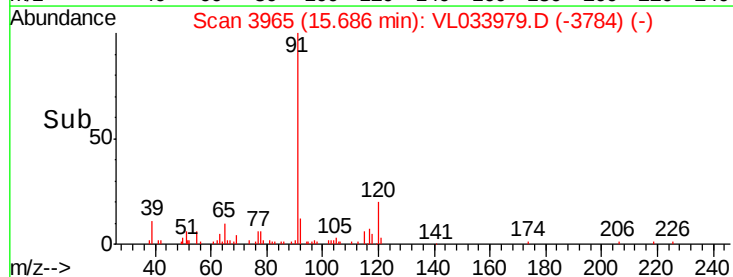
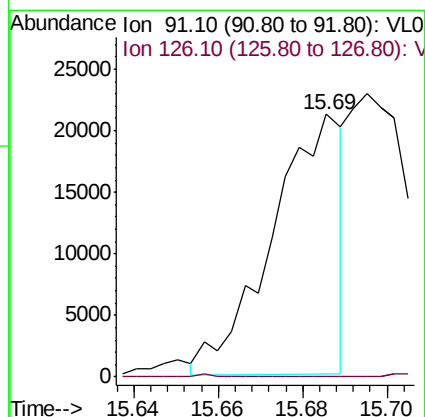
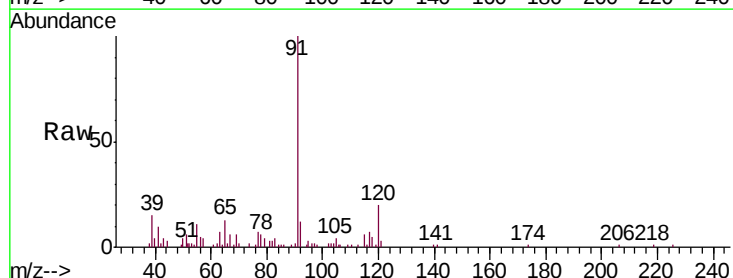
Instrument :
MSVOA_L
ClientSampleId :
SUB-SLAB

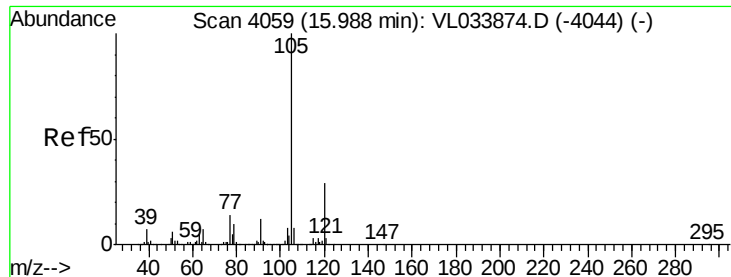
Tgt Ion: 91 Resp: 17316
Ion Ratio Lower Upper
91 100
92 129.2 42.5 63.7#
134 0.0 17.8 26.6#



#71
2-Chlorotoluene
Concen: 0.114 ppbv
RT: 15.69 min Scan# 3965
Delta R.T. 0.08 min
Lab File: VL033979.D
Acq: 26 Jun 2019 22:35

Tgt Ion: 91 Resp: 24380
Ion Ratio Lower Upper
91 100
126 0.0 12.0 48.2#





#72

4-Ethyltoluene

Concen: 0.145 ppbv

RT: 15.97 min Scan# 4052

Delta R.T. -0.02 min

Lab File: VL033979.D

Acq: 26 Jun 2019 22:35

Instrument :

MSVOA_L

ClientSampleId :

SUB-SLAB

Tgt Ion:105 Resp: 35646

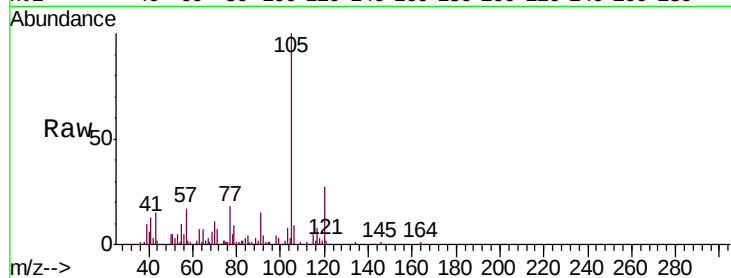
Ion Ratio Lower Upper

105 100

120 54.5 23.5 35.3#

91 38.5 10.4 15.6#

77 38.9 11.7 17.5#



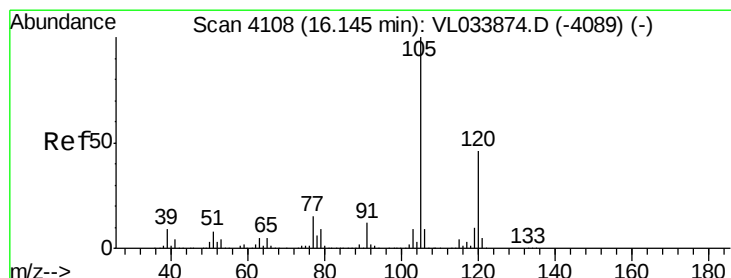
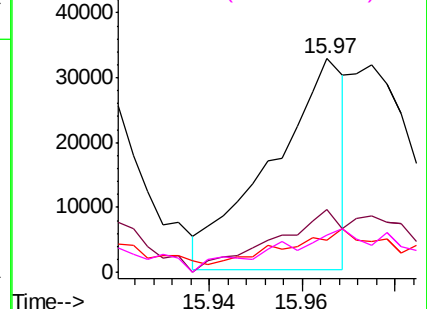
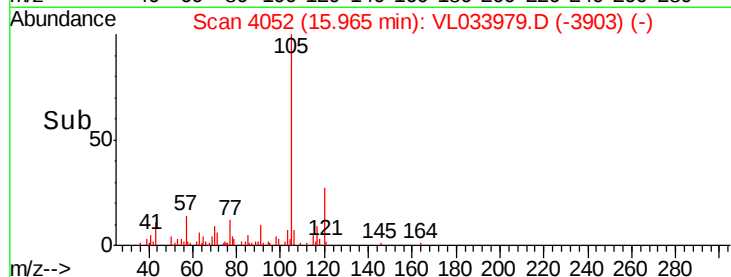
Abundance

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



#73

1,3,5-Trimethylbenzene

Concen: 0.126 ppbv

RT: 16.12 min Scan# 4101

Delta R.T. -0.02 min

Lab File: VL033979.D

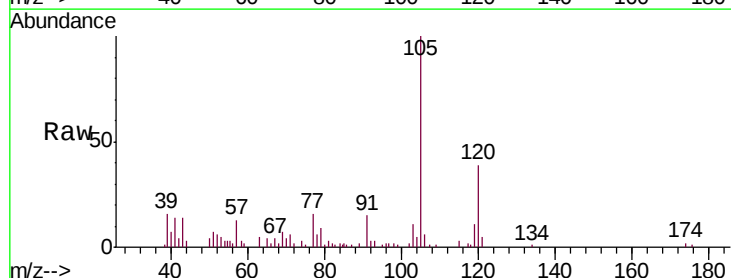
Acq: 26 Jun 2019 22:35

Tgt Ion:105 Resp: 30514

Ion Ratio Lower Upper

105 100

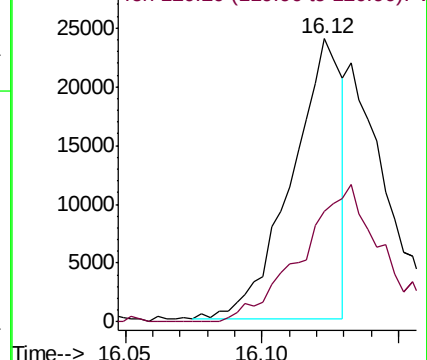
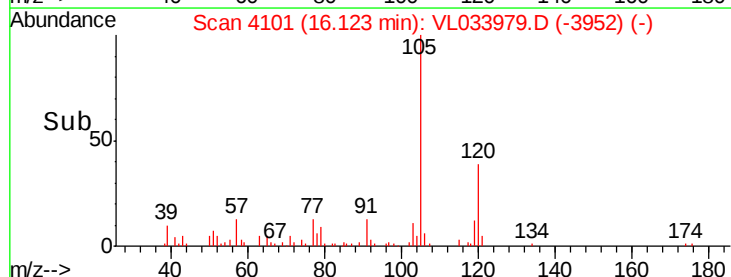
120 39.5 37.1 55.7

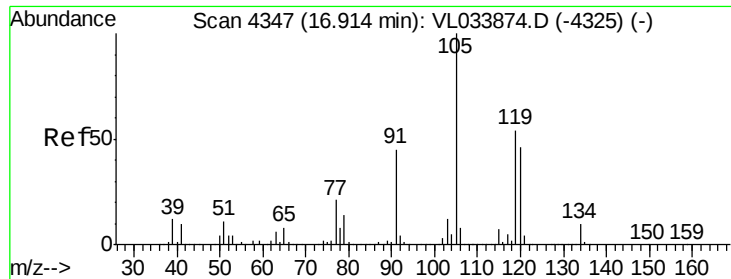


Abundance

Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

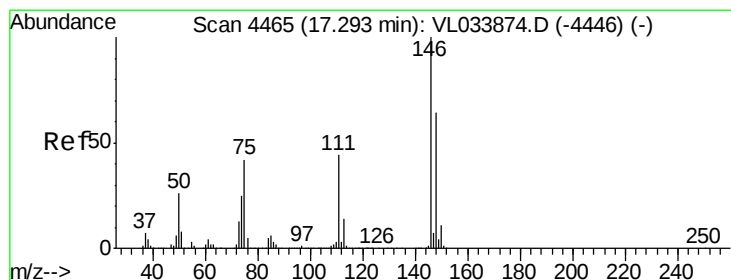
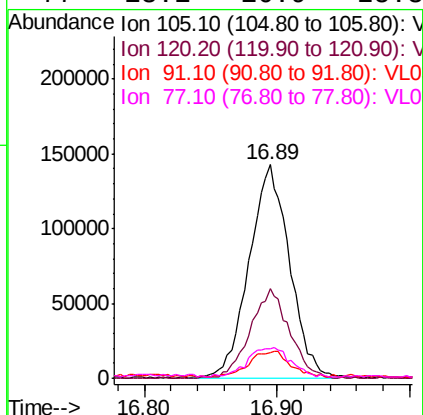
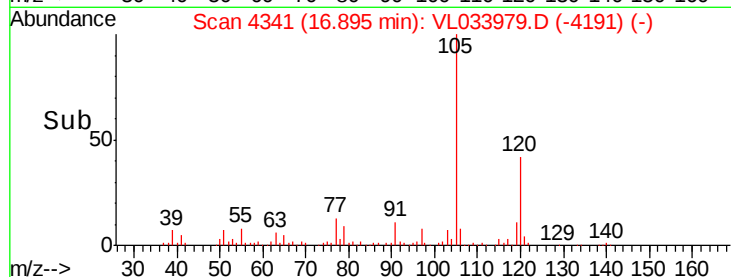
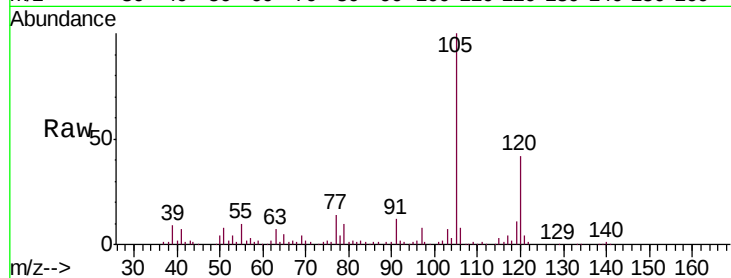




#74
 1,2,4-Trimethylbenzene
 Concen: 1.079 ppbv
 RT: 16.89 min Scan# 4341
 Delta R.T. -0.02 min
 Lab File: VL033979.D
 Acq: 26 Jun 2019 22:35

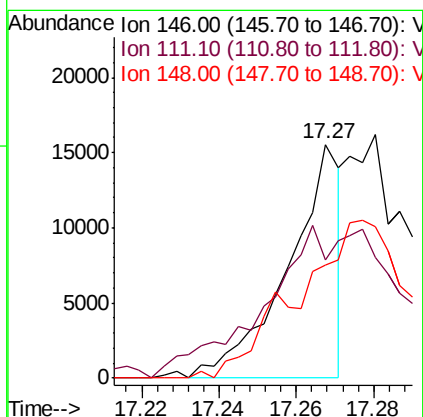
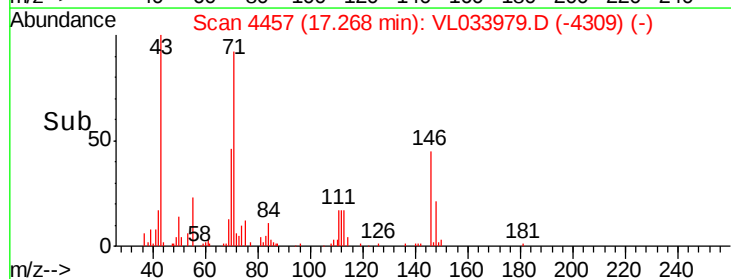
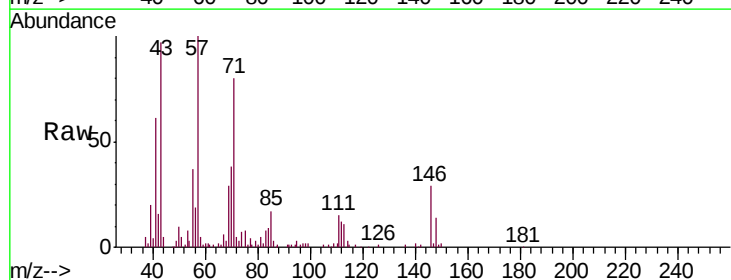
Instrument :
 MSVOA_L
 ClientSampleId :
 SUB-SLAB

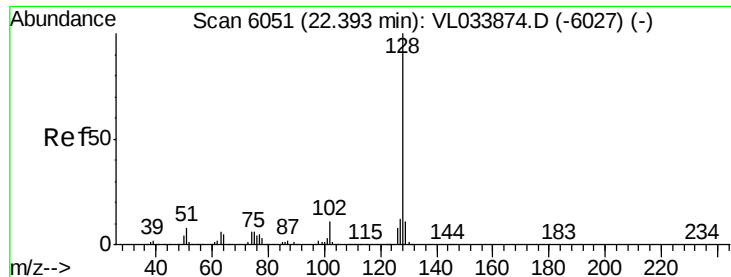
Tgt Ion:	105	Resp:	300457
Ion	Ratio	Lower	Upper
105	100		
120	42.1	36.7	55.1
91	10.9	35.8	53.8#
77	13.1	16.9	25.3#



#76
 1,4-Dichlorobenzene
 Concen: 0.091 ppbv
 RT: 17.27 min Scan# 4457
 Delta R.T. -0.03 min
 Lab File: VL033979.D
 Acq: 26 Jun 2019 22:35

Tgt Ion:	146	Resp:	14551
Ion	Ratio	Lower	Upper
146	100		
111	176.8	22.1	66.5#
148	0.0	32.4	97.0#





#79

Naphthalene

Concen: 0.115 ppbv

RT: 22.38 min Scan# 6048

Delta R.T. -0.01 min

Lab File: VL033979.D

Acq: 26 Jun 2019 22:35

Instrument :

MSVOA_L

ClientSampleId :

SUB-SLAB

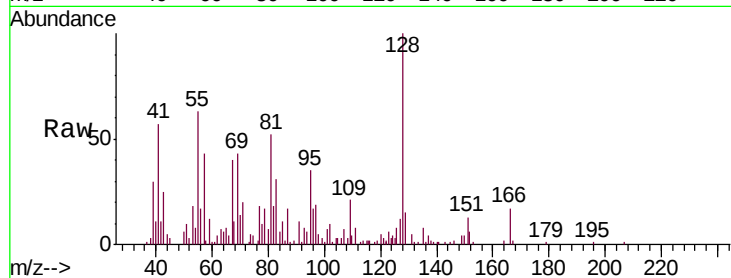
Tgt Ion:128 Resp: 25658

Ion Ratio Lower Upper

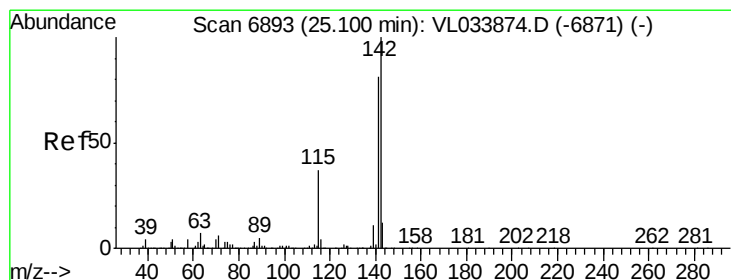
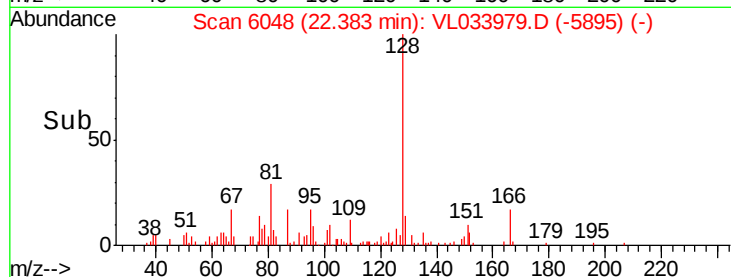
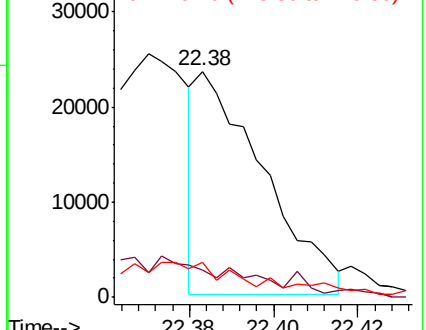
128 100

127 10.2 9.7 14.5

129 12.7 8.6 12.8



Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 0.050 ppbv

RT: 25.09 min Scan# 6890

Delta R.T. -0.01 min

Lab File: VL033979.D

Acq: 26 Jun 2019 22:35

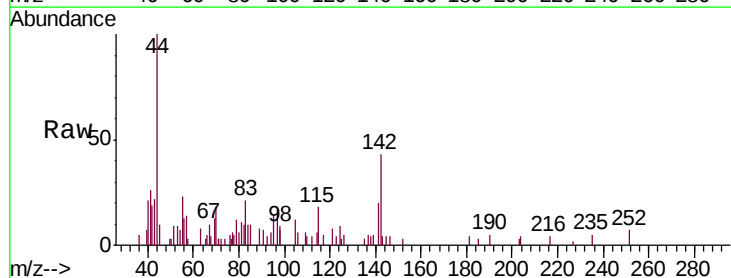
Tgt Ion:142 Resp: 4464

Ion Ratio Lower Upper

142 100

141 98.2 65.7 98.5

115 71.1 28.9 43.3#



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V

