

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022421\
 Data File : VL036359.D
 Acq On : 24 Feb 2021 20:42
 Operator : SY/AP
 Sample : M1463-06
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 NS-11

Quant Time: Feb 25 05:19:45 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 16:04:02 2021
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

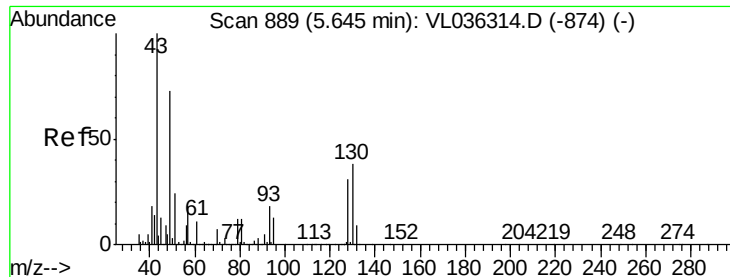
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1705575	10.00	ppbv	0.04
33) 1,4-Difluorobenzene	7.19	114	3887506	10.00	ppbv	0.04
55) Chlorobenzene-d5	12.10	117	3529431	10.00	ppbv	0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2843640	9.79	ppbv	0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	25785	0.101	ppbv	92
3) Chlorodifluoromethane	3.00	51	92951	0.439	ppbv #	87
4) Chloromethane	3.15	50	70475	0.688	ppbv #	82
9) Propene	3.02	41	107088	1.355	ppbv #	16
10) Heptane	8.14	43	653255	2.805	ppbv	98
11) Trichlorofluoromethane	3.96	101	47416	0.190	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.50	101	8354	0.054	ppbv #	73
13) Ethanol	3.62	45	1508480	101.645	ppbv	90
15) Acetone	3.88	43	1960694	9.404	ppbv #	76
16) 1,3-Butadiene	3.33	39	27768	0.279	ppbv #	42
19) Isopropyl Alcohol	3.99	45	85730	0.742	ppbv #	68
20) Methylene Chloride	4.36	84	2849947	42.371	ppbv	96
21) Allyl Chloride	4.42	41	6929	0.060	ppbv #	16
23) Vinyl Acetate	5.07	43	359740	1.468	ppbv #	1
25) Ethyl Acetate	5.70	43	1039385	2.582	ppbv #	77
26) Hexane	5.70	57	1397226	8.449	ppbv #	39
30) Cyclohexane	7.15	84	154879	1.126	ppbv #	66
34) 2-Butanone	5.27	43	59001	0.228	ppbv #	85
36) Benzene	6.91	78	709598	2.149	ppbv	96
39) 1,2-Dichloropropane	7.19	63	1087191	8.105	ppbv #	22
41) Tetrahydrofuran	6.00	42	6167	0.043	ppbv #	44
42) Bromodichloromethane	7.81	83	9896	0.036	ppbv #	25
44) 2,2,4-Trimethylpentane	7.89	57	2390681	3.981	ppbv	92
51) 2-Hexanone	10.14	43	36215	0.124	ppbv #	48
53) Toluene	9.83	91	3328452	9.305	ppbv	99
58) Ethyl Benzene	12.73	91	692027	1.432	ppbv	97
59) m/p-Xylene	12.99	91	1688205	3.977	ppbv #	80
60) o-Xylene	13.71	91	762425	1.878	ppbv	100
65) tert-Butylbenzene	16.78	119	64987	0.125	ppbv #	55
72) 4-Ethyltoluene	15.86	105	89934	0.199	ppbv #	35
73) 1,3,5-Trimethylbenzene	16.02	105	84317	0.193	ppbv	89
74) 1,2,4-Trimethylbenzene	16.78	105	606458	1.357	ppbv #	69

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 900

Delta R.T. 0.04 min

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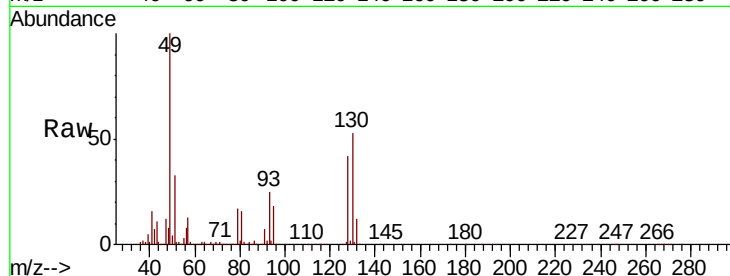
Tot Ion: 49 Resp: 1705575

Ion Ratio Lower Upper

49 100

128 42.9 20.8 62.5

130 53.9 26.7 80.1



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.68

800000

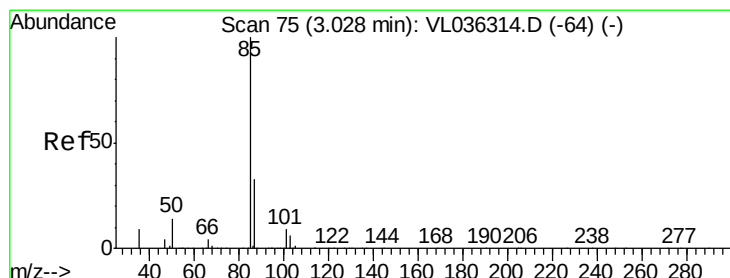
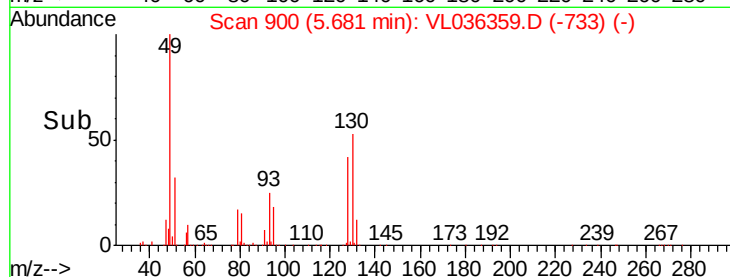
600000

400000

200000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.101 ppbv

RT: 3.05 min Scan# 83

Delta R.T. 0.03 min

Lab File: VL036359.D

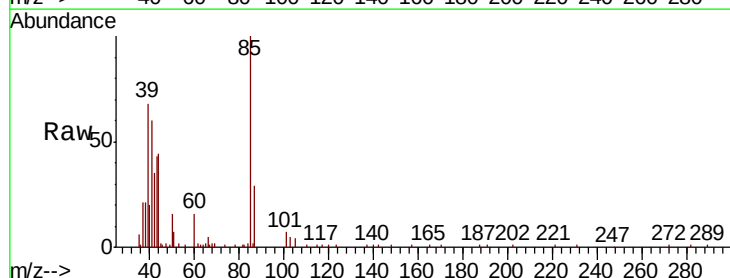
Acq: 24 Feb 2021 20:42

Tgt Ion: 85 Resp: 25785

Ion Ratio Lower Upper

85 100

87 28.4 26.5 39.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

40000

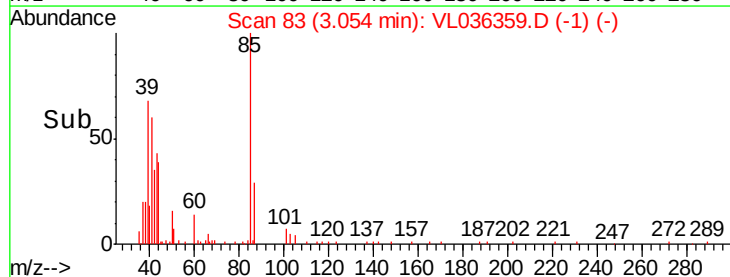
30000

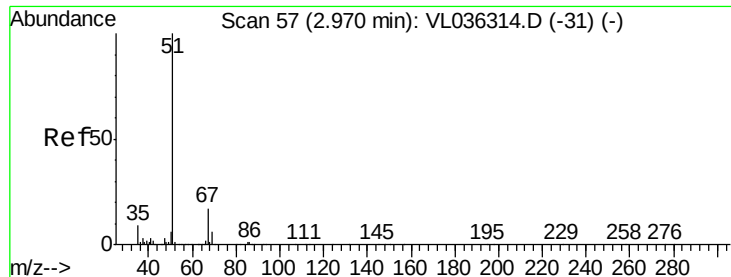
20000

10000

0

Time-->





#3

Chlorodifluoromethane

Concen: 0.439 ppbv

RT: 3.00 min Scan# 65

Delta R.T. 0.03 min

Lab File: VL036359.D

Acq: 24 Feb 2021 20:42

Instrument :

MSVOA_L

ClientSampleId :

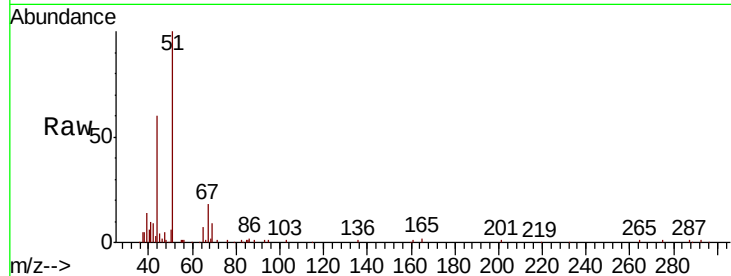
NS-11

Tot Ion: 51 Resp: 92951

Ion Ratio Lower Upper

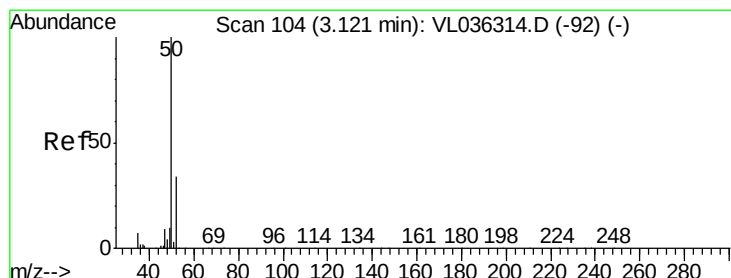
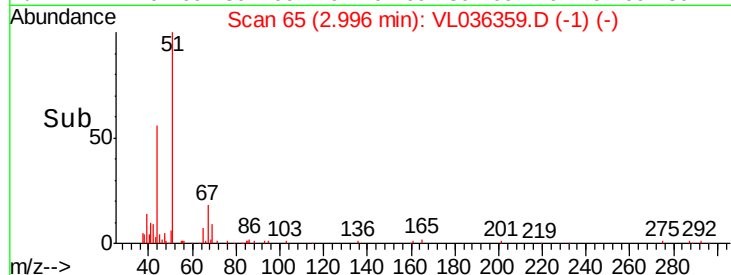
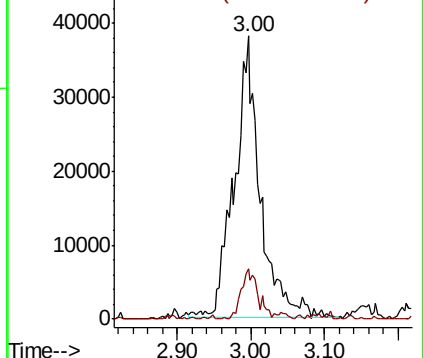
51 100

67 12.6 14.7 22.1#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.688 ppbv

RT: 3.15 min Scan# 112

Delta R.T. 0.03 min

Lab File: VL036359.D

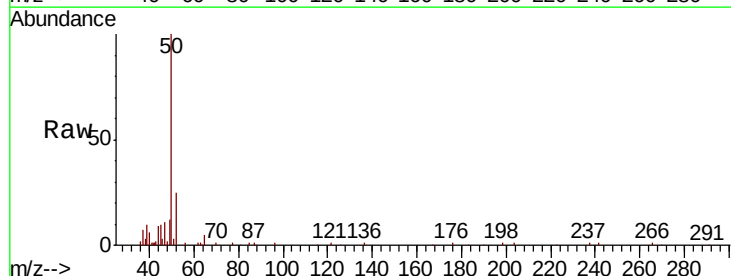
Acq: 24 Feb 2021 20:42

Tgt Ion: 50 Resp: 70475

Ion Ratio Lower Upper

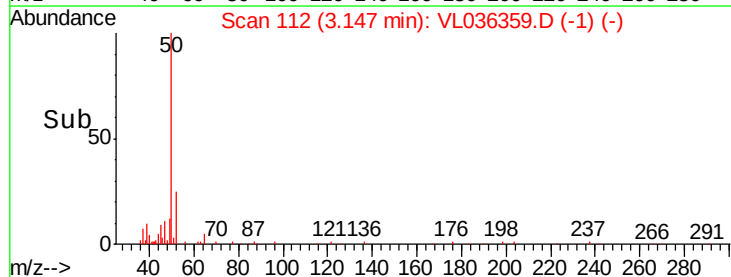
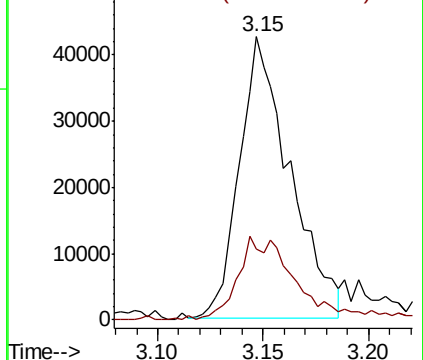
50 100

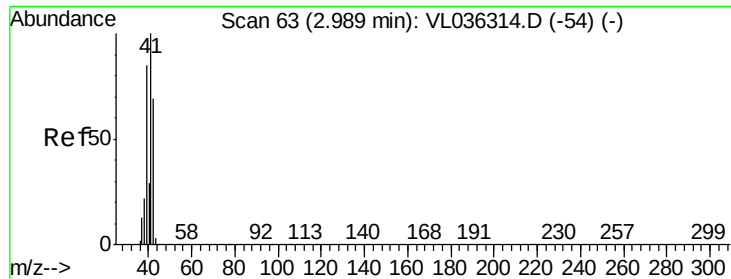
52 23.6 27.0 40.4#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 1.355 ppbv

RT: 3.02 min Scan# 72

Delta R.T. 0.03 min

Lab File: VL036359.D

Acq: 24 Feb 2021 20:42

Instrument :

MSVOA_L

ClientSampled :

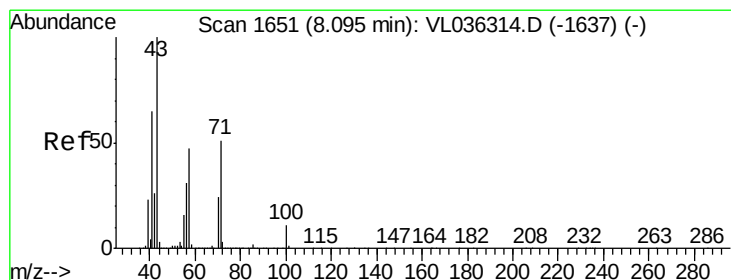
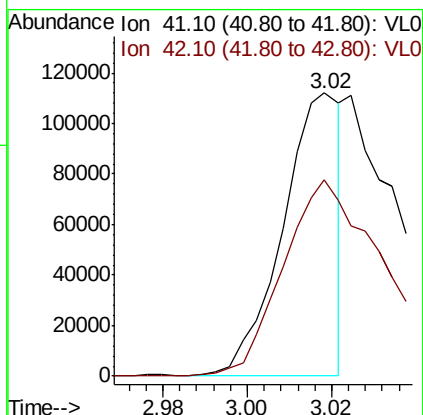
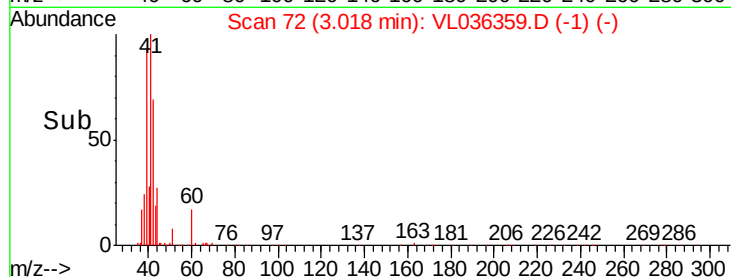
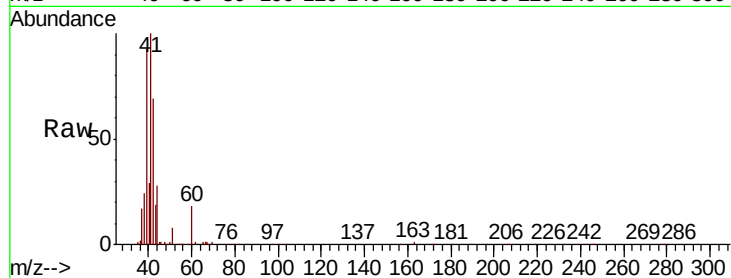
NS-11

Tot Ion: 41 Resp: 107088

Ion Ratio Lower Upper

41 100

42 139.1 56.2 84.2#



#10

Heptane

Concen: 2.805 ppbv

RT: 8.14 min Scan# 1665

Delta R.T. 0.05 min

Lab File: VL036359.D

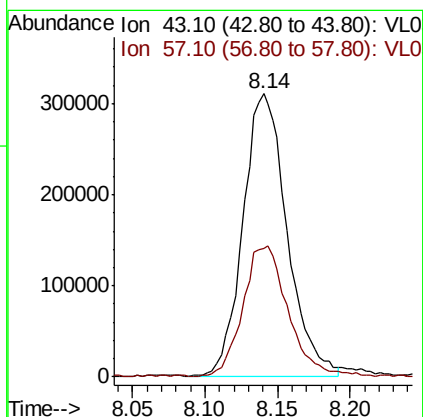
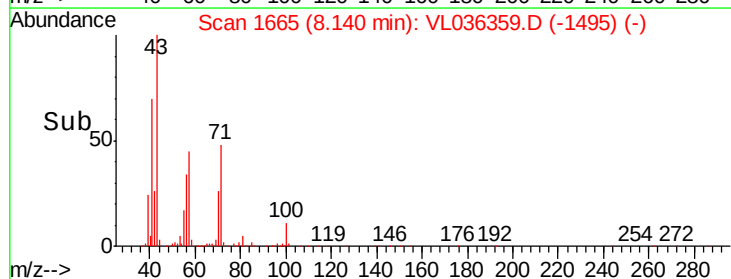
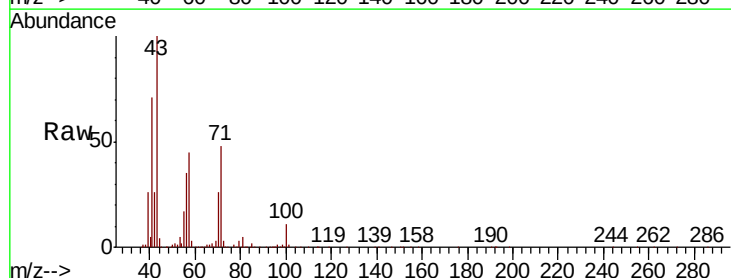
Acq: 24 Feb 2021 20:42

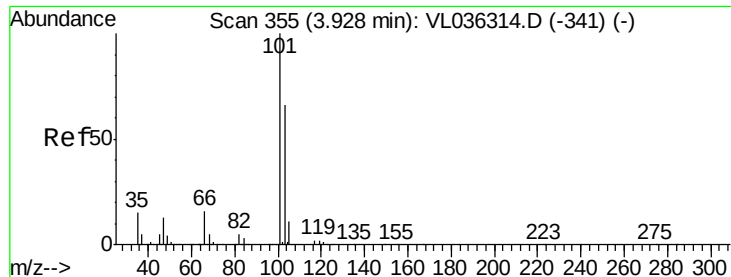
Tgt Ion: 43 Resp: 653255

Ion Ratio Lower Upper

43 100

57 47.6 39.4 59.2





#11

Trichlorofluoromethane

Concen: 0.190 ppbv

RT: 3.96 min Scan# 366

Delta R.T. 0.04 min

Lab File: VL036359.D

Acq: 24 Feb 2021 20:42

Instrument :

MSVOA_L

ClientSampleId :

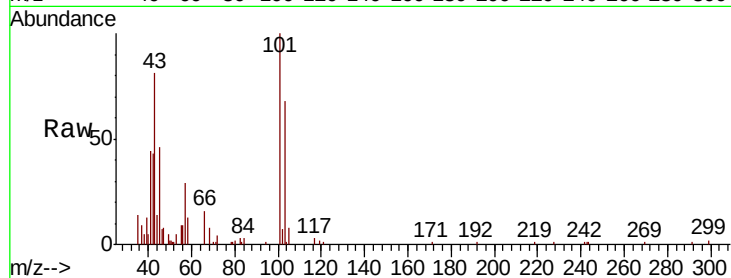
NS-11

Tot Ion:101 Resp: 47416

Ion Ratio Lower Upper

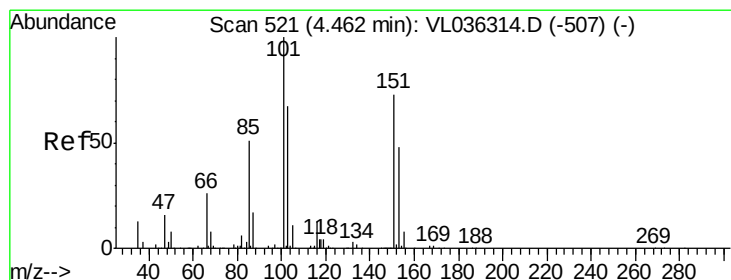
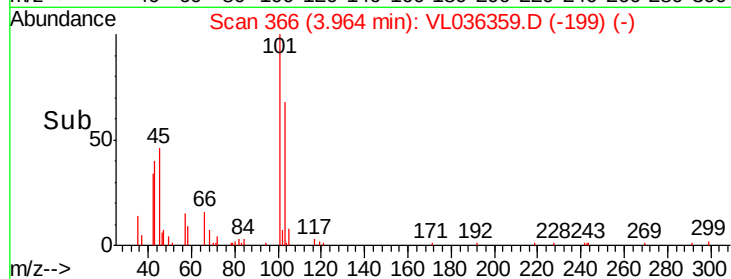
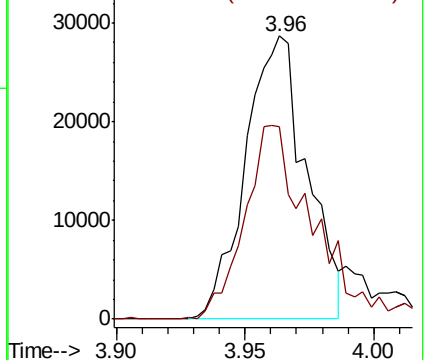
101 100

103 67.1 52.9 79.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.054 ppbv

RT: 4.50 min Scan# 533

Delta R.T. 0.04 min

Lab File: VL036359.D

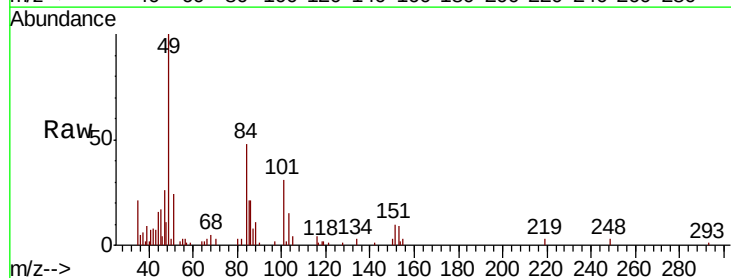
Acq: 24 Feb 2021 20:42

Tgt Ion:101 Resp: 8354

Ion Ratio Lower Upper

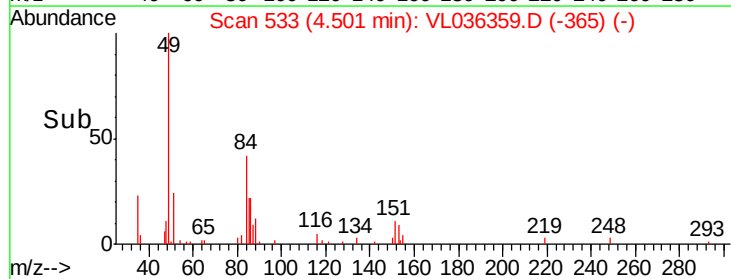
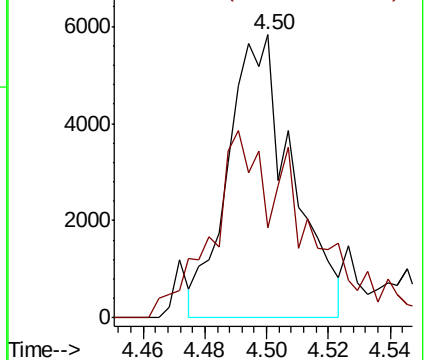
101 100

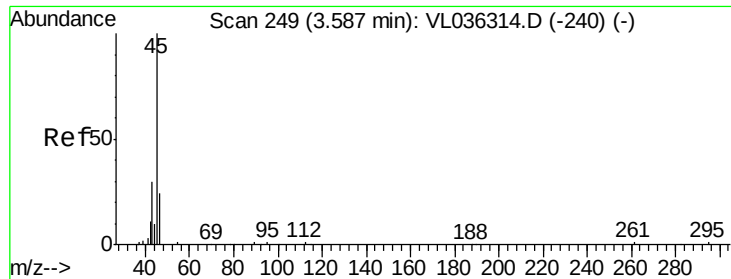
151 95.4 58.2 87.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V





#13

Ethanol

Concen: 101.645 ppbv

RT: 3.62 min Scan# 259

Delta R.T. 0.03 min

Lab File: VL036359.D

Acq: 24 Feb 2021 20:42

Instrument :

MSVOA_L

ClientSampleId :

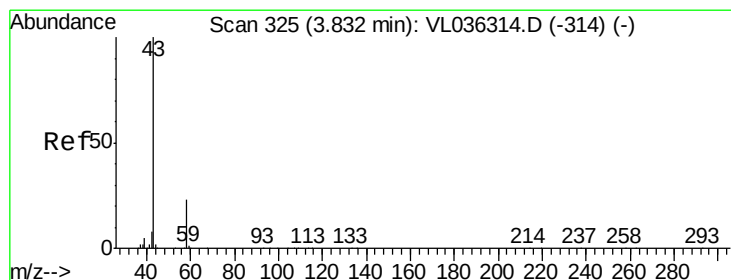
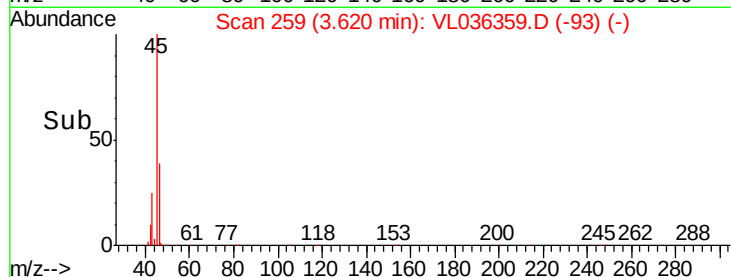
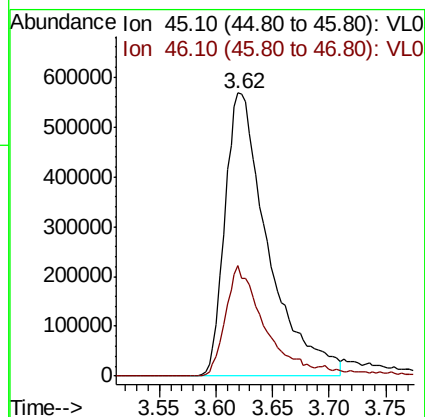
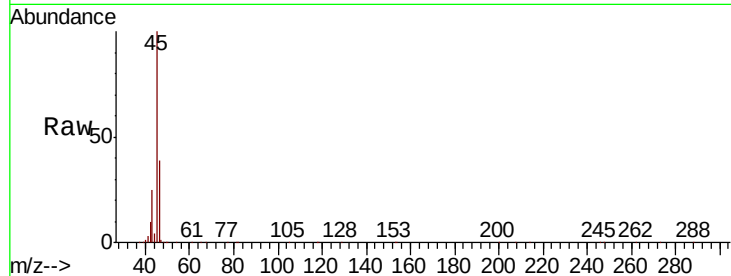
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Tot Ion: 45 Resp: 1508480

Ion Ratio Lower Upper

45 100

46 37.7 17.7 70.7



#15

Acetone

Concen: 9.404 ppbv

RT: 3.88 min Scan# 341

Delta R.T. 0.05 min

Lab File: VL036359.D

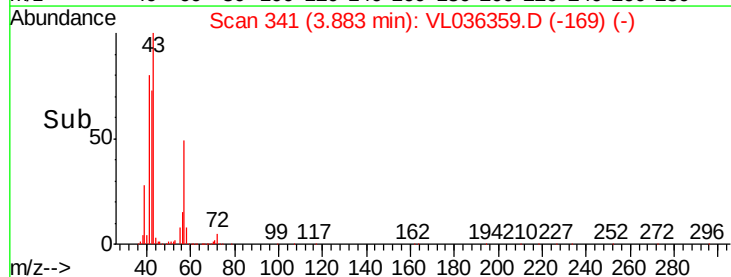
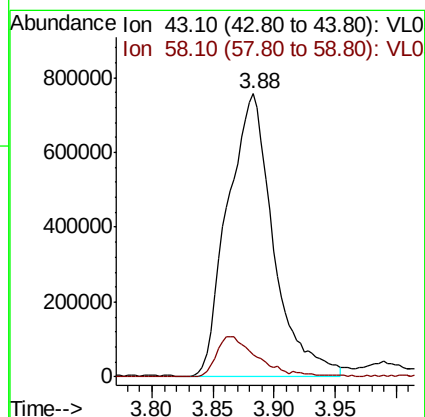
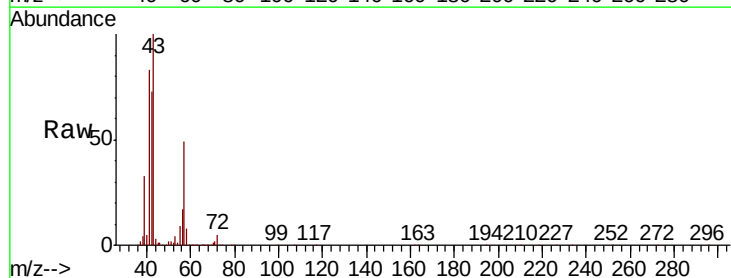
Acq: 24 Feb 2021 20:42

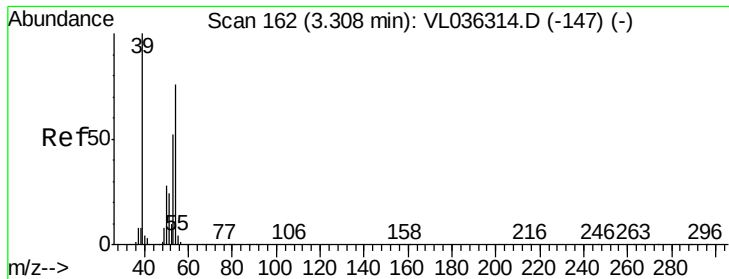
Tgt Ion: 43 Resp: 1960694

Ion Ratio Lower Upper

43 100

58 13.4 20.3 30.5#

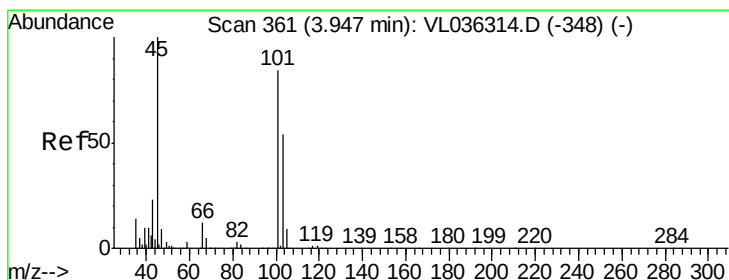
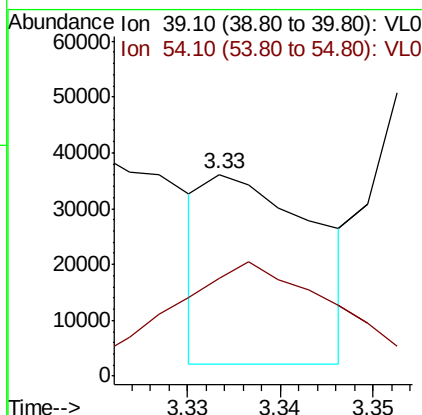
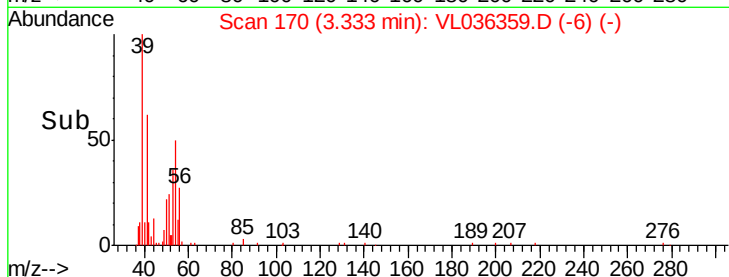
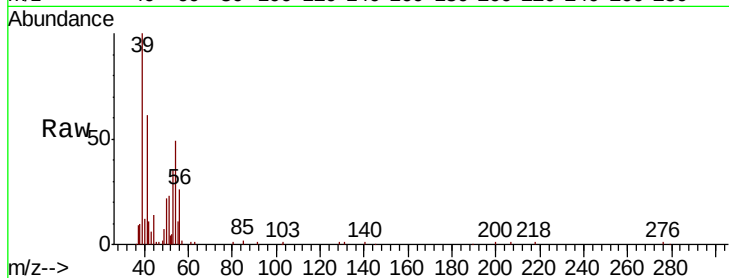




#16
 1,3-Butadiene
 Concen: 0.279 ppbv
 RT: 3.33 min Scan# 170
 Delta R.T. 0.03 min
 Lab File: VL036359.D
 Acq: 24 Feb 2021 20:42

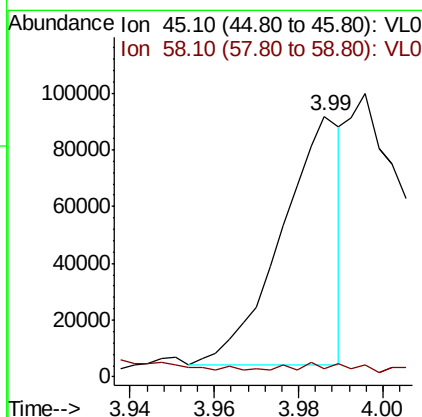
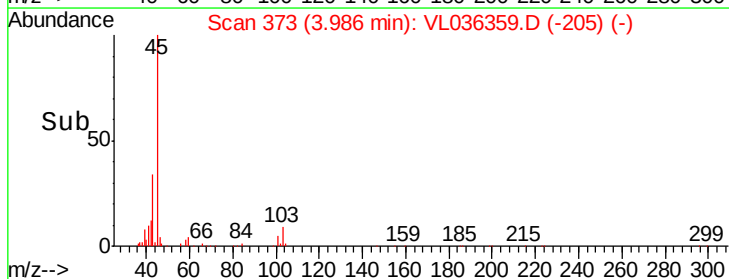
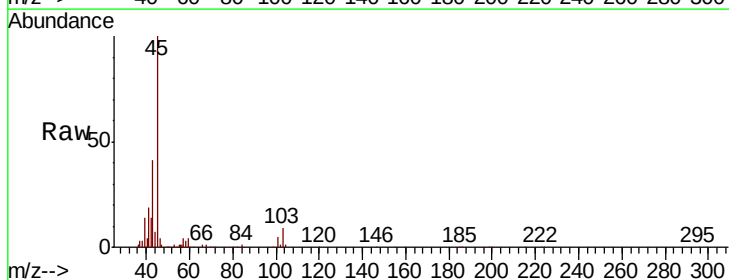
Instrument :
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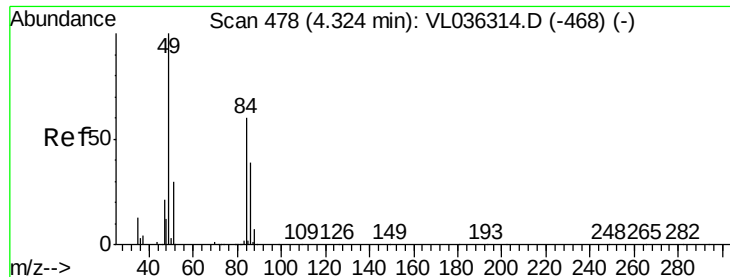
Tot Ion: 39 Resp: 27768
 Ion Ratio Lower Upper
 39 100
 54 132.0 64.4 96.6#



#19
 Isopropyl Alcohol
 Concen: 0.742 ppbv
 RT: 3.99 min Scan# 373
 Delta R.T. 0.04 min
 Lab File: VL036359.D
 Acq: 24 Feb 2021 20:42

Tgt Ion: 45 Resp: 85730
 Ion Ratio Lower Upper
 45 100
 58 13.2 1.9 2.9#

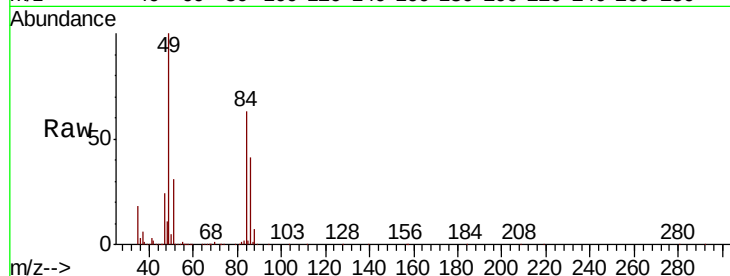




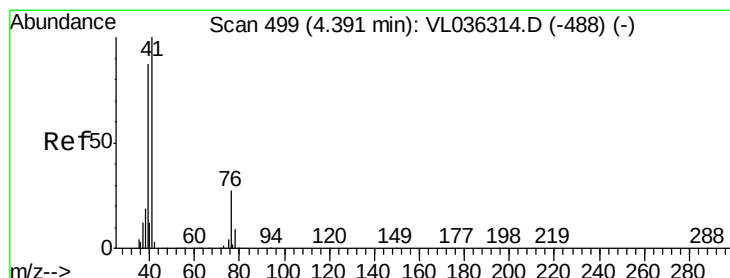
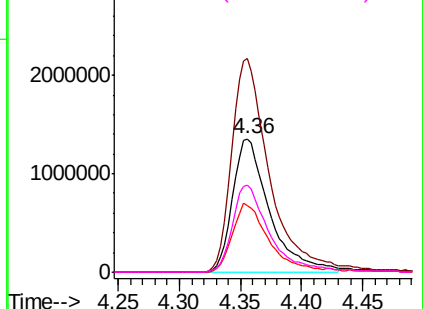
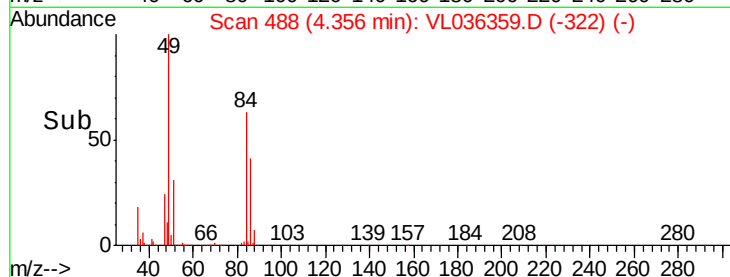
#20
Methylene Chloride
Concen: 42.371 ppbv
RT: 4.36 min Scan# 488
Delta R.T. 0.03 min
Lab File: VL036359.D
Acq: 24 Feb 2021 20:42

Instrument :
MSVOA_L
ClientSampleId :
NS-11

Tot Ion: 84 Resp: 2849947
Ion Ratio Lower Upper
84 100
49 159.9 133.8 200.8
51 49.8 41.4 62.0
86 64.9 51.5 77.3

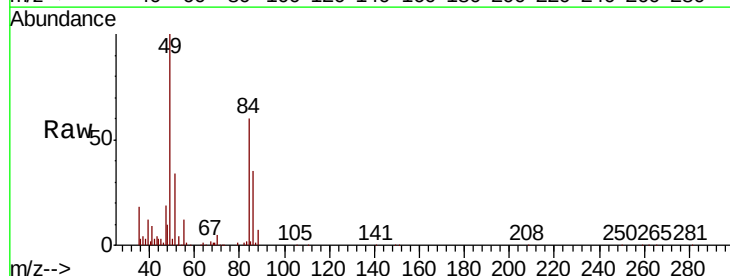


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

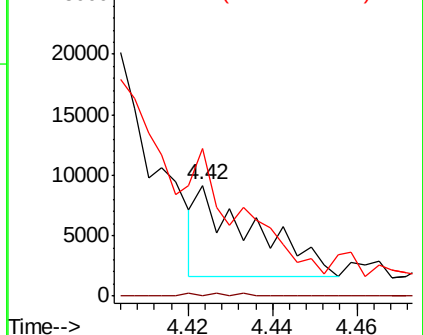
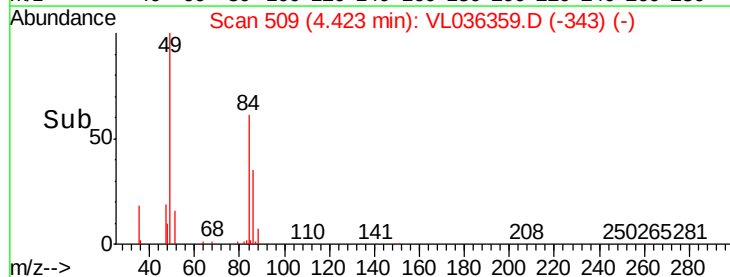


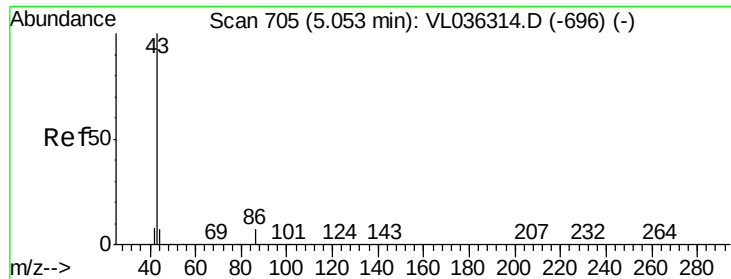
#21
Allyl Chloride
Concen: 0.060 ppbv
RT: 4.42 min Scan# 509
Delta R.T. 0.03 min
Lab File: VL036359.D
Acq: 24 Feb 2021 20:42

Tgt Ion: 41 Resp: 6929
Ion Ratio Lower Upper
41 100
76 1.7 22.0 33.0#
39 0.0 70.2 105.2#



Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 76.10 (75.80 to 76.80): VL0
Ion 39.10 (38.80 to 39.80): VL0





#23

Vinyl Acetate

Concen: 1.468 ppbv

RT: 5.07 min Scan# 710

Delta R.T. 0.02 min

Lab File: VL036359.D

Acq: 24 Feb 2021 20:42

Instrument :

MSVOA_L

ClientSampleId :

NS-11

Tot Ion: 43 Resp: 359740

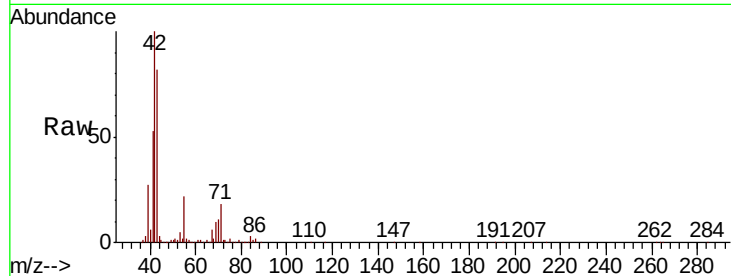
Ion Ratio Lower Upper

43 100

86 2.6 4.8 7.2#

42 122.0 7.4 11.0#

44 2.2 4.8 7.2#

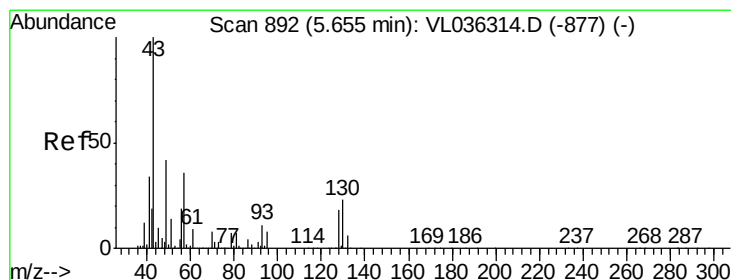
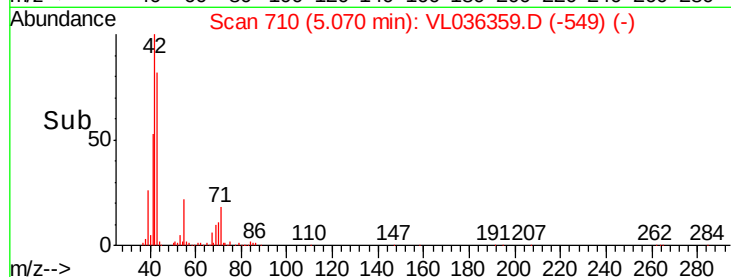
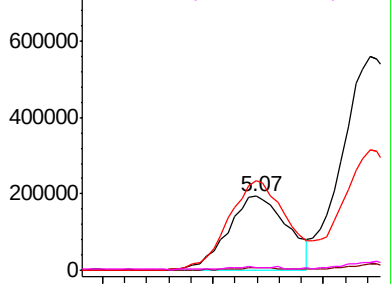


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#25

Ethyl Acetate

Concen: 2.582 ppbv

RT: 5.70 min Scan# 907

Delta R.T. 0.05 min

Lab File: VL036359.D

Acq: 24 Feb 2021 20:42

Tgt Ion: 43 Resp: 1039385

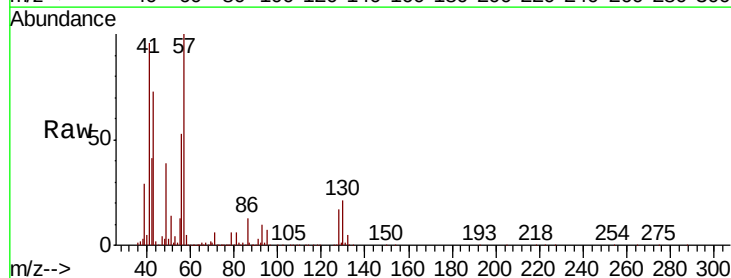
Ion Ratio Lower Upper

43 100

45 0.7 8.3 12.5#

61 0.3 7.3 10.9#

70 1.7 5.4 8.0#

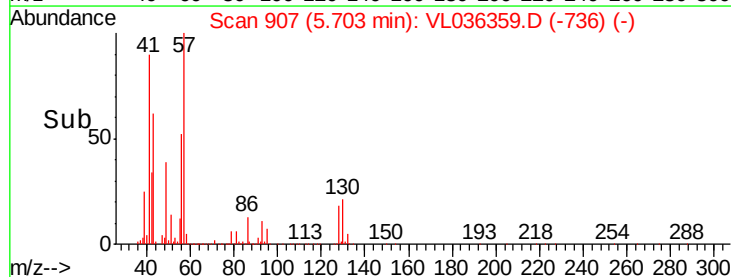
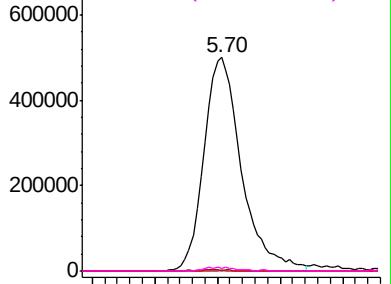


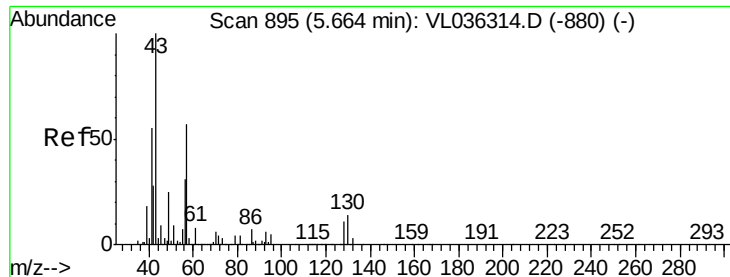
Abundance Ion 43.10 (42.80 to 43.80): VL0

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



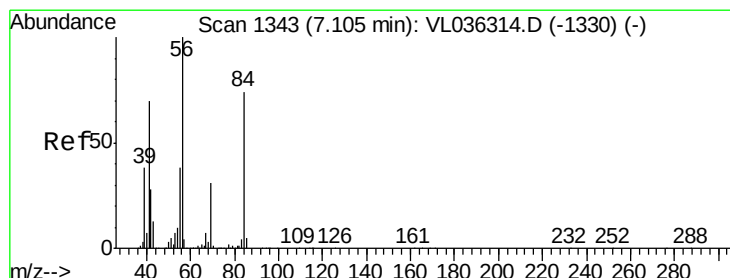
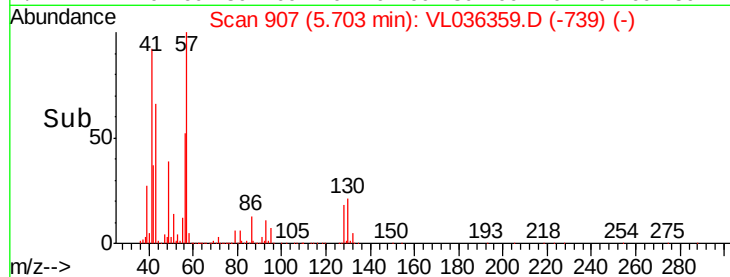
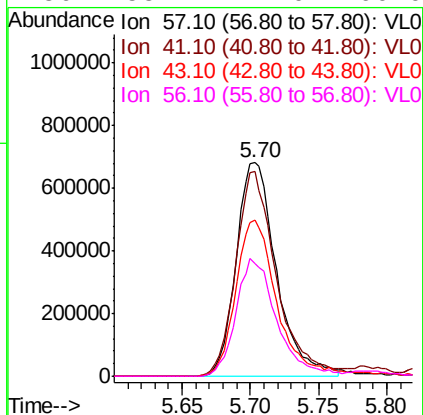
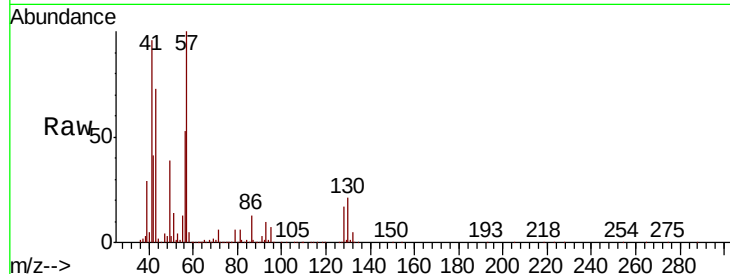


#26
Hexane
Concen: 8.449 ppbv
RT: 5.70 min Scan# 907
Delta R.T. 0.04 min
Lab File: VL036359.D
Acq: 24 Feb 2021 20:42

Instrument :
MSVOA_L
ClientSampleId :
NS-11

Tot Ion: 57 Resp: 1397226

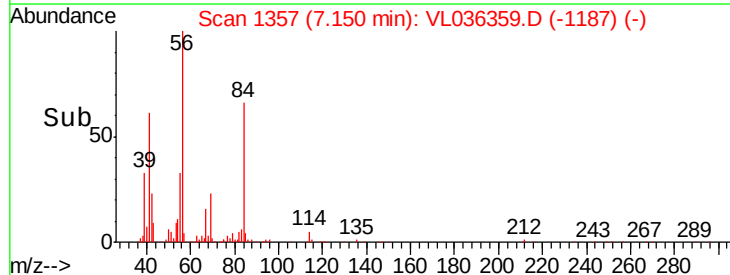
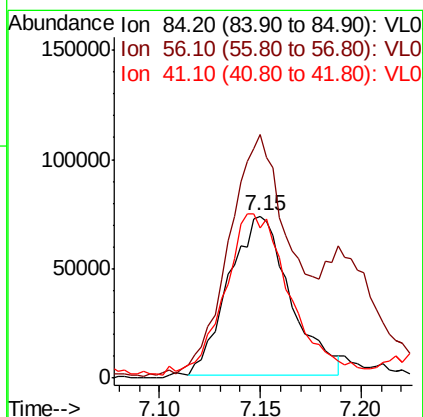
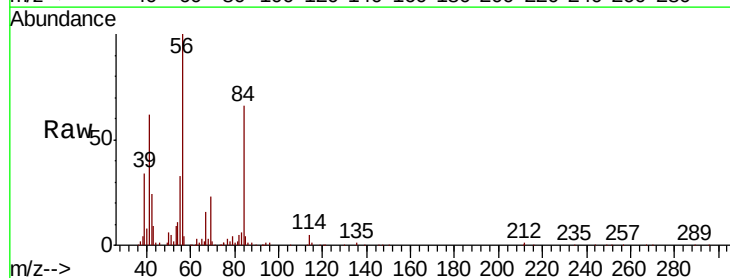
Ion	Ratio	Lower	Upper
57	100		
41	101.2	81.7	122.5
43	76.5	199.1	298.7#
56	55.2	44.0	66.0

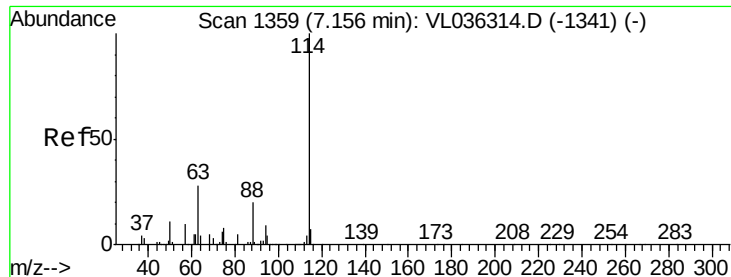


#30
Cyclohexane
Concen: 1.126 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. 0.05 min
Lab File: VL036359.D
Acq: 24 Feb 2021 20:42

Tgt Ion: 84 Resp: 154879

Ion	Ratio	Lower	Upper
84	100		
56	218.5	120.2	180.4#
41	104.5	79.7	119.5

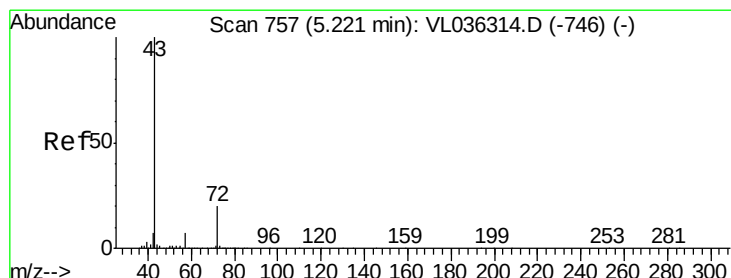
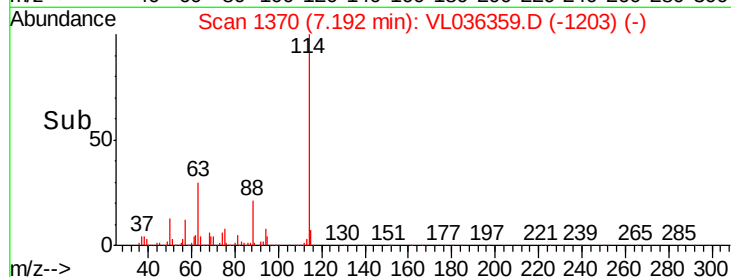
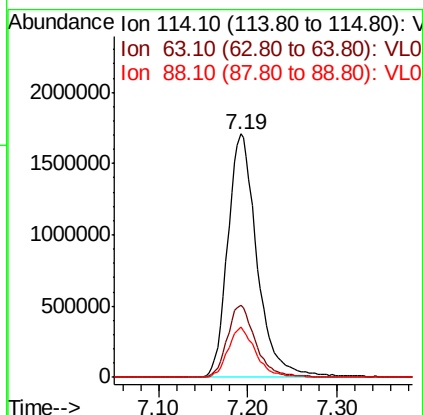
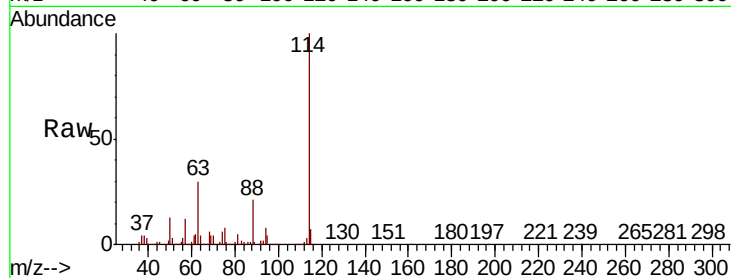




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1370
 Delta R.T. 0.04 min
 Lab File: VL036359.D
 Acq: 24 Feb 2021 20:42

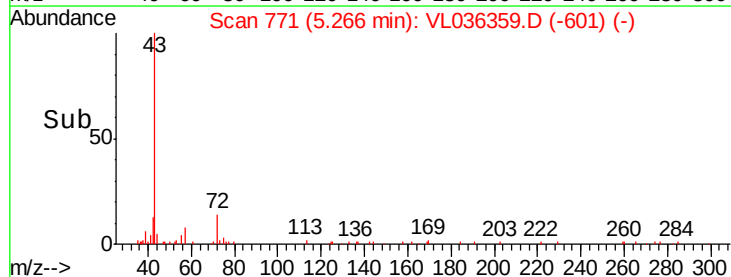
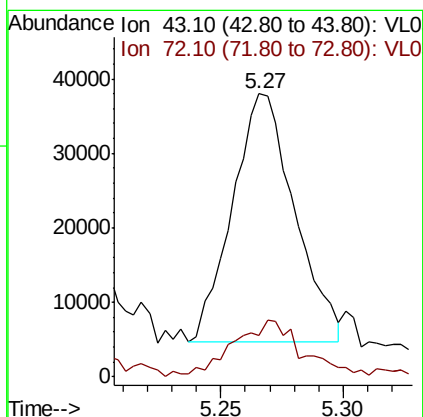
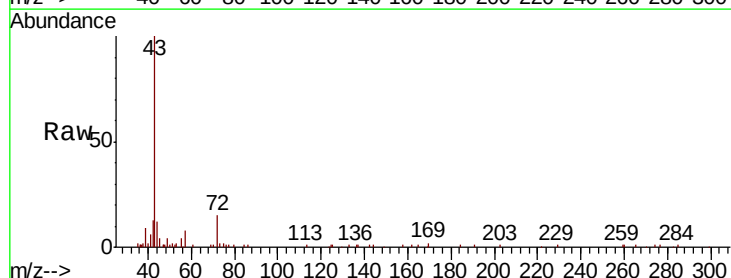
Instrument :
 MSVOA_L
 ClientSampleId :
 NS-11

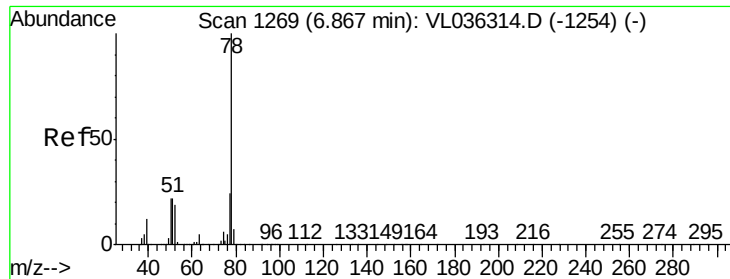
Tot Ion:114 Resp: 3887506
 Ion Ratio Lower Upper
 114 100
 63 29.1 24.1 36.1
 88 19.7 16.0 24.0



#34
 2-Butanone
 Concen: 0.228 ppbv
 RT: 5.27 min Scan# 771
 Delta R.T. 0.05 min
 Lab File: VL036359.D
 Acq: 24 Feb 2021 20:42

Tgt Ion: 43 Resp: 59001
 Ion Ratio Lower Upper
 43 100
 72 27.9 16.7 25.1#





#36

Benzene

Concen: 2.149 ppbv

RT: 6.91 min Scan# 1282

Delta R.T. 0.04 min

Lab File: VL036359.D

Acq: 24 Feb 2021 20:42

Instrument :

MSVOA_L

ClientSampleId :

NS-11

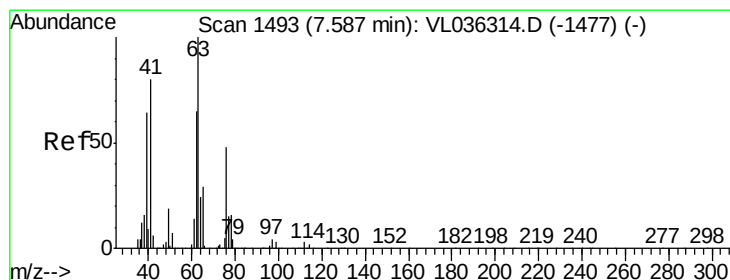
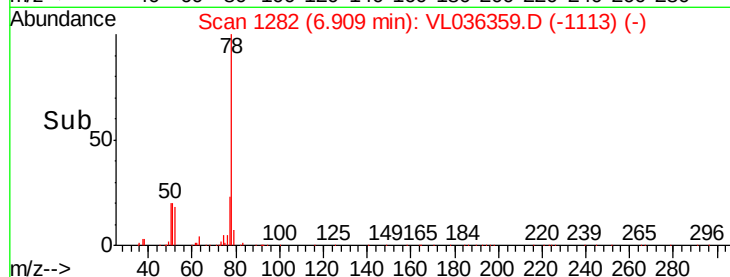
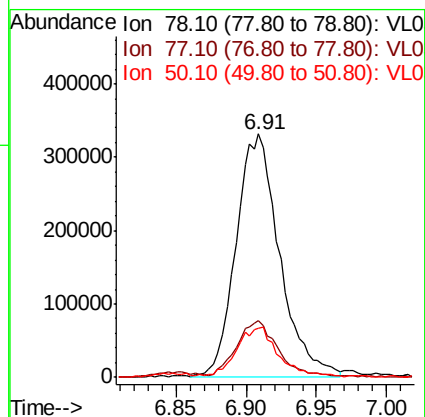
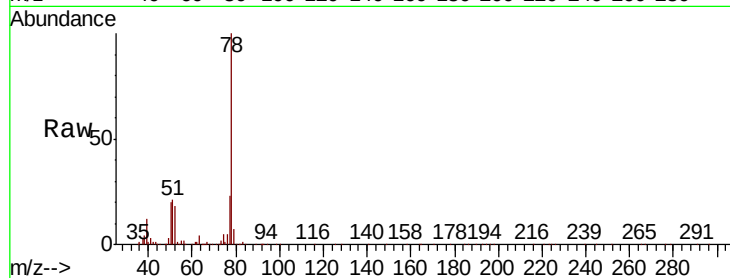
Tot Ion: 78 Resp: 709598

Ion Ratio Lower Upper

78 100

77 22.2 18.9 28.3

50 19.3 17.3 25.9



#39

1,2-Dichloropropane

Concen: 8.105 ppbv

RT: 7.19 min Scan# 1370

Delta R.T. -0.40 min

Lab File: VL036359.D

Acq: 24 Feb 2021 20:42

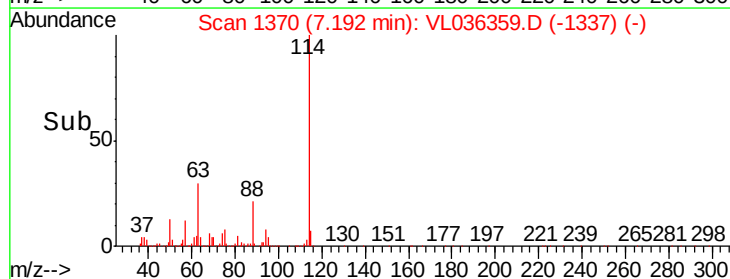
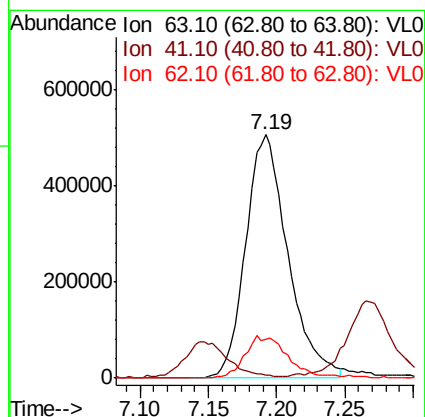
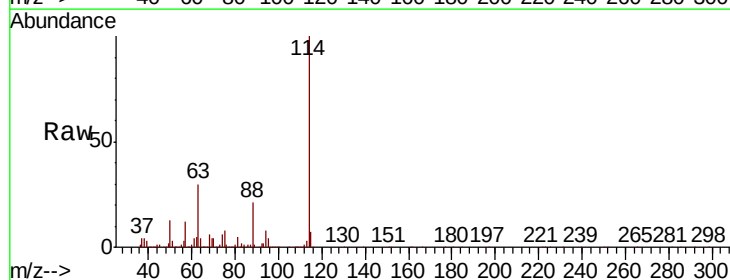
Tgt Ion: 63 Resp: 1087191

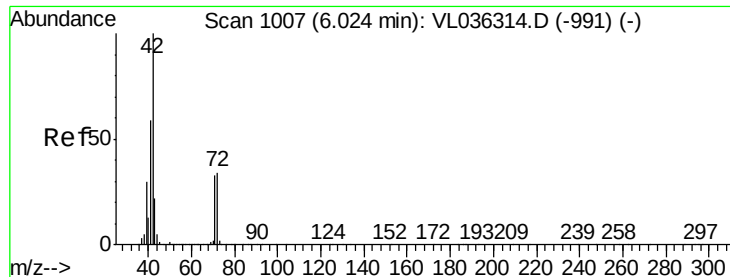
Ion Ratio Lower Upper

63 100

41 0.0 63.8 95.6#

62 16.0 52.3 78.5#





#41

Tetrahydrofuran

Concen: 0.043 ppbv

RT: 6.00 min Scan# 998

Delta R.T. -0.03 min

Lab File: VL036359.D

Acq: 24 Feb 2021 20:42

Instrument :

MSVOA_L

ClientSampled :

NS-11

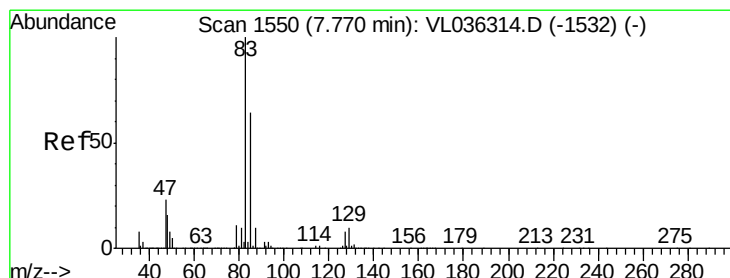
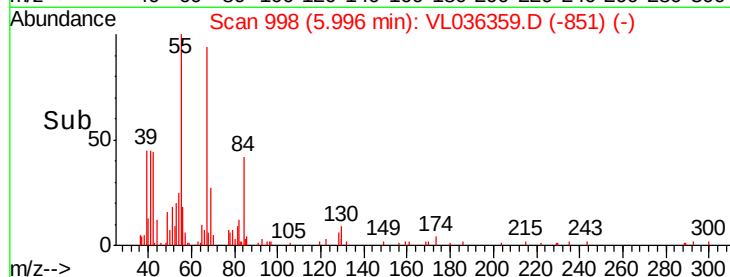
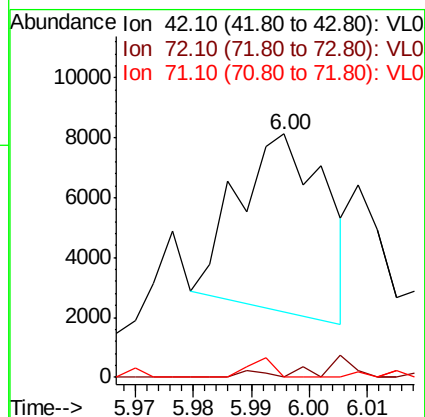
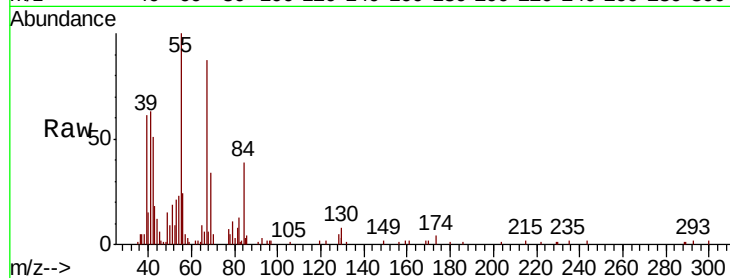
Tot Ion: 42 Resp: 6167

Ion Ratio Lower Upper

42 100

72 5.2 29.3 43.9#

71 0.0 27.8 41.8#



#42

Bromodichloromethane

Concen: 0.036 ppbv

RT: 7.81 min Scan# 1561

Delta R.T. 0.04 min

Lab File: VL036359.D

Acq: 24 Feb 2021 20:42

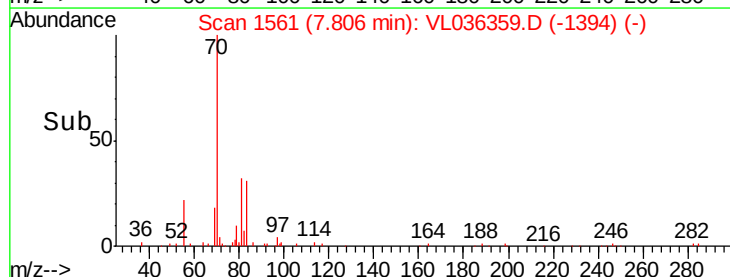
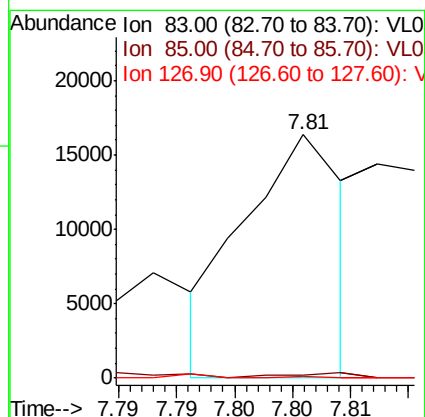
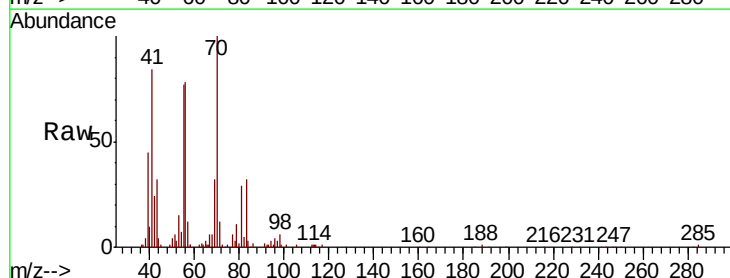
Tgt Ion: 83 Resp: 9896

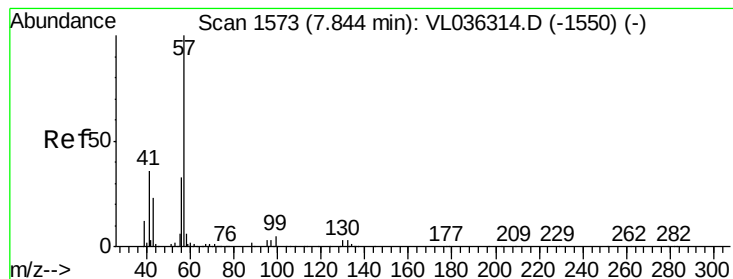
Ion Ratio Lower Upper

83 100

85 0.0 51.1 76.7#

127 1.5 6.3 9.5#





#44

2,2,4-Trimethylpentane

Concen: 3.981 ppbv

RT: 7.89 min Scan# 1586

Delta R.T. 0.04 min

Lab File: VL036359.D

Acq: 24 Feb 2021 20:42

Instrument :

MSVOA_L

ClientSampleId :

NS-11

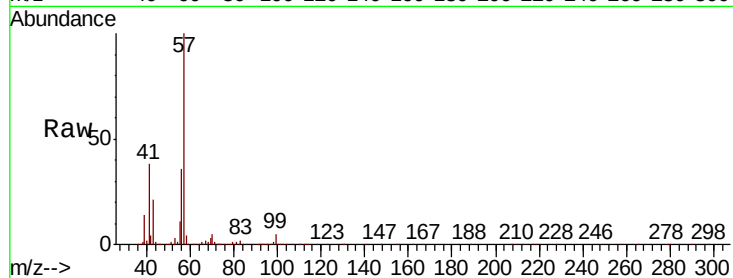
Tot Ion: 57 Resp: 2390681

Ion Ratio Lower Upper

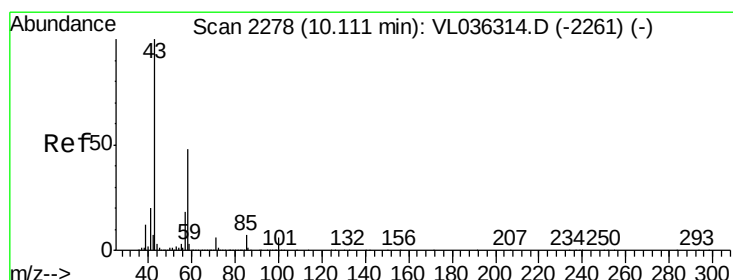
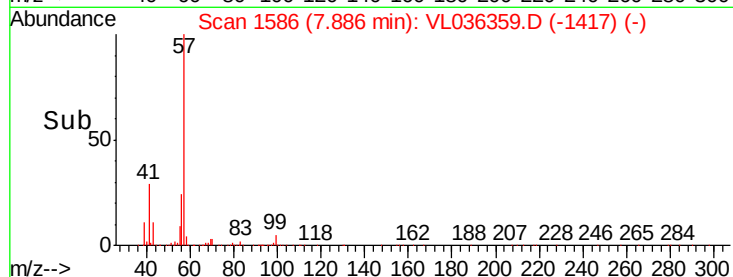
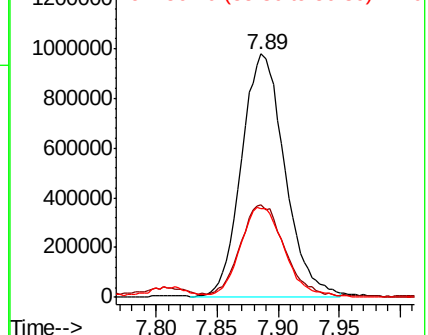
57 100

41 38.9 28.8 43.2

56 38.2 25.8 38.6



Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 56.10 (55.80 to 56.80): VL0



#51

2-Hexanone

Concen: 0.124 ppbv

RT: 10.14 min Scan# 2286

Delta R.T. 0.03 min

Lab File: VL036359.D

Acq: 24 Feb 2021 20:42

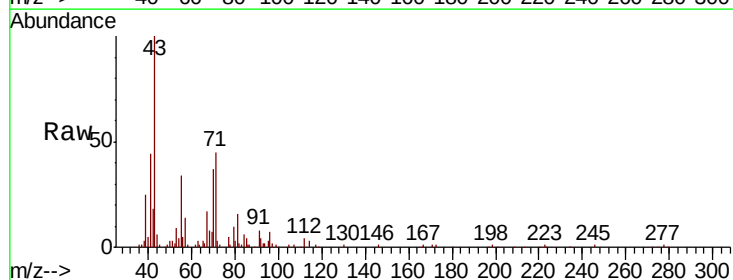
Tgt Ion: 43 Resp: 36215

Ion Ratio Lower Upper

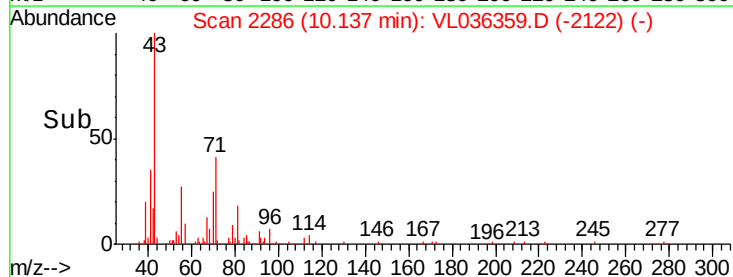
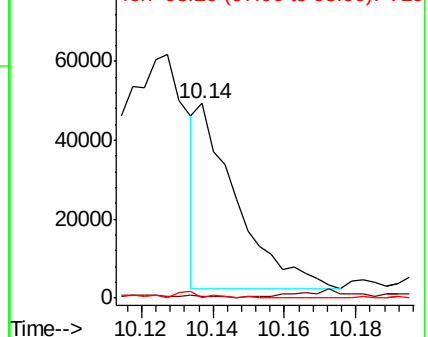
43 100

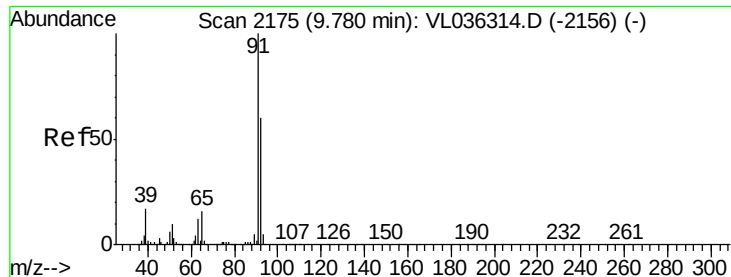
58 12.6 38.7 58.1#

98 3.9 0.4 0.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 98.20 (97.90 to 98.90): VL0





#53

Toluene

Concen: 9.305 ppbv

RT: 9.83 min Scan# 2189

Delta R.T. 0.05 min

Lab File: VL036359.D

Acq: 24 Feb 2021 20:42

Instrument :

MSVOA_L

ClientSampleId :

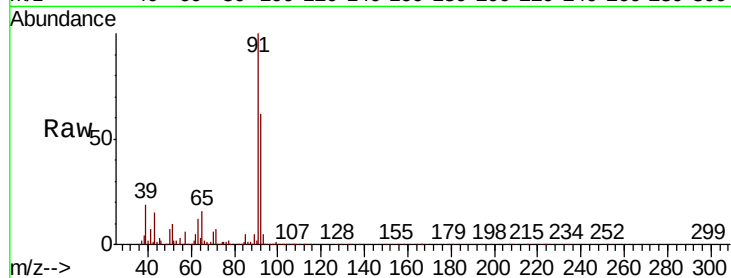
NS-11

Tot Ion: 91 Resp: 3328452

Ion Ratio Lower Upper

91 100

92 61.8 48.6 72.8



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

1500000

1000000

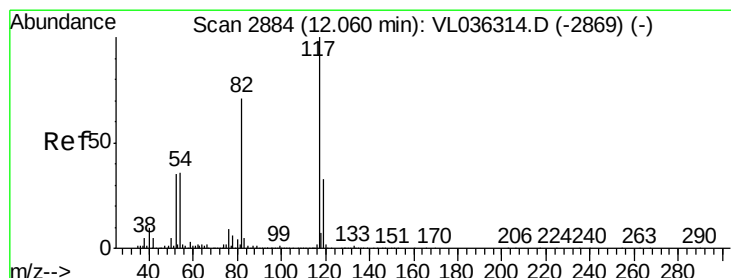
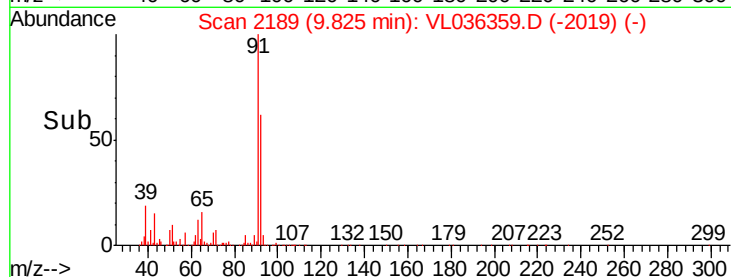
500000

0

9.83

9.80 9.90

Time-->



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2898

Delta R.T. 0.05 min

Lab File: VL036359.D

Acq: 24 Feb 2021 20:42

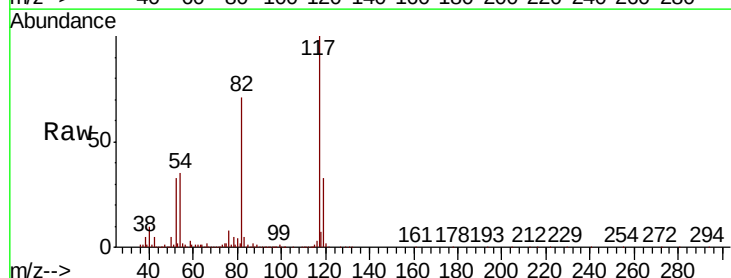
Tgt Ion: 117 Resp: 3529431

Ion Ratio Lower Upper

117 100

82 69.7 59.1 88.7

119 33.8 46.3 69.5#



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

2000000

1500000

1000000

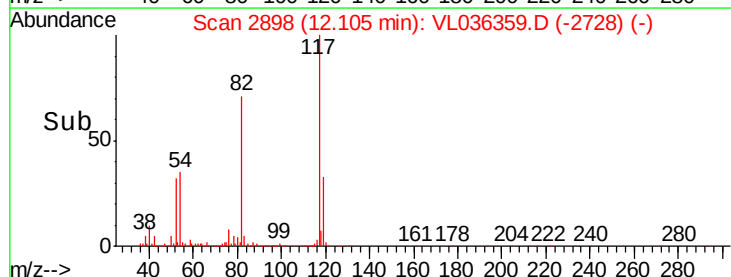
500000

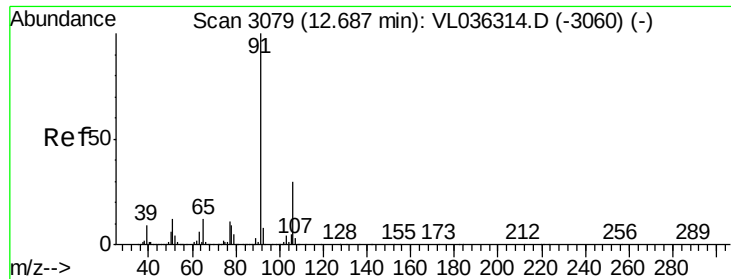
0

12.10

12.00 12.10 12.20

Time-->





#58

Ethyl Benzene

Concen: 1.432 ppbv

RT: 12.73 min Scan# 3093

Delta R.T. 0.05 min

Lab File: VL036359.D

Acq: 24 Feb 2021 20:42

Instrument :

MSVOA_L

ClientSampleId :

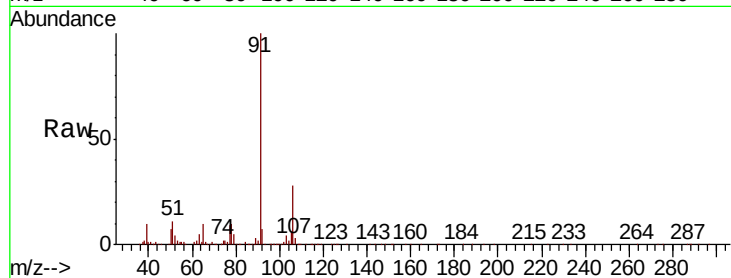
NS-11

Tot Ion: 91 Resp: 692027

Ion Ratio Lower Upper

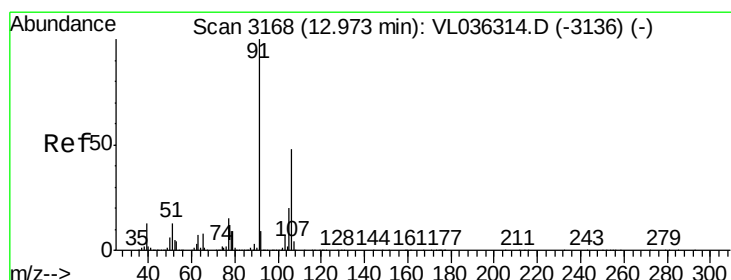
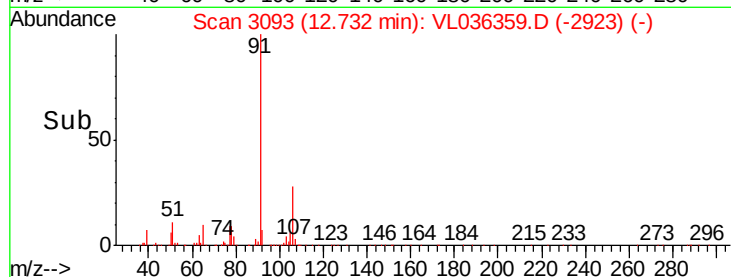
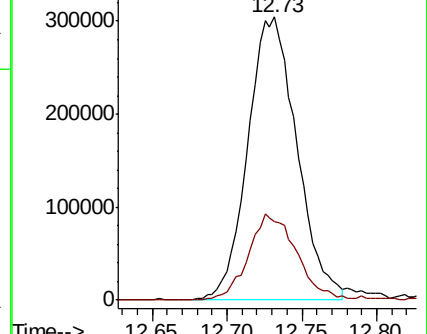
91 100

106 27.8 23.8 35.6



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#59

m/p-Xylene

Concen: 3.977 ppbv

RT: 12.99 min Scan# 3172

Delta R.T. 0.01 min

Lab File: VL036359.D

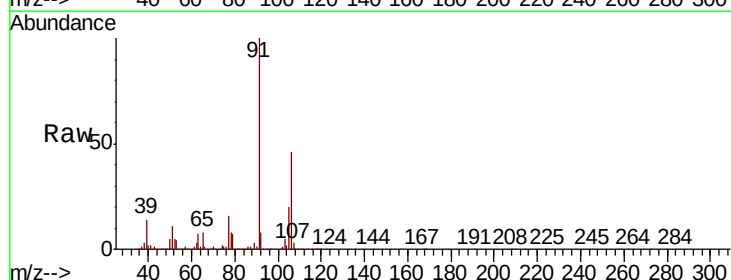
Acq: 24 Feb 2021 20:42

Tgt Ion: 91 Resp: 1688205

Ion Ratio Lower Upper

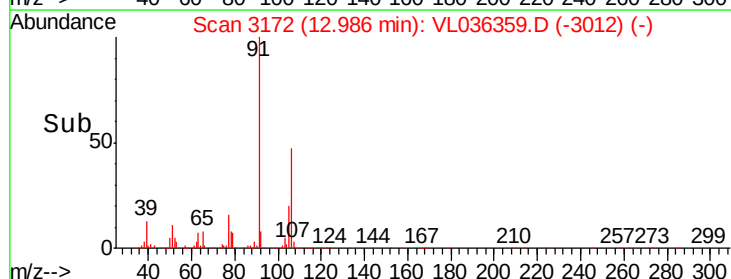
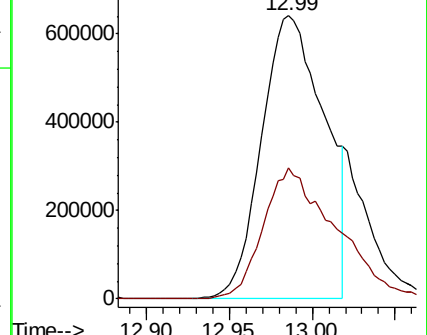
91 100

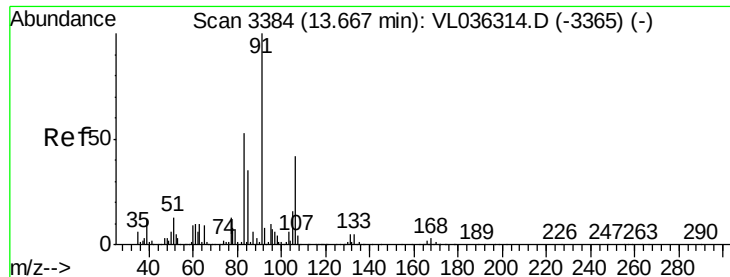
106 55.2 34.2 51.2#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

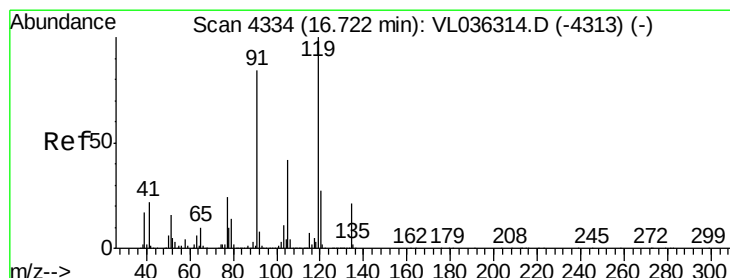
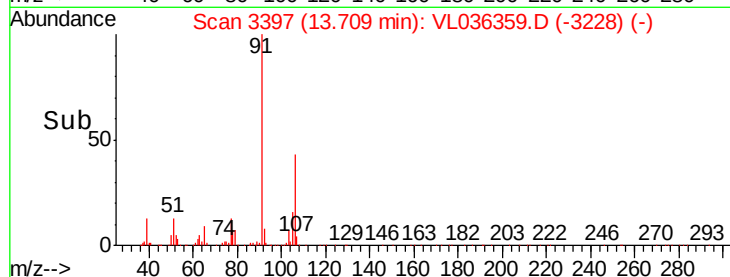
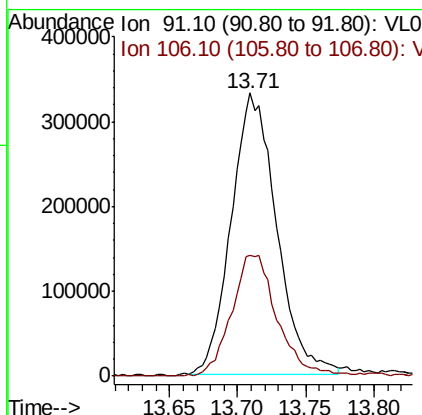
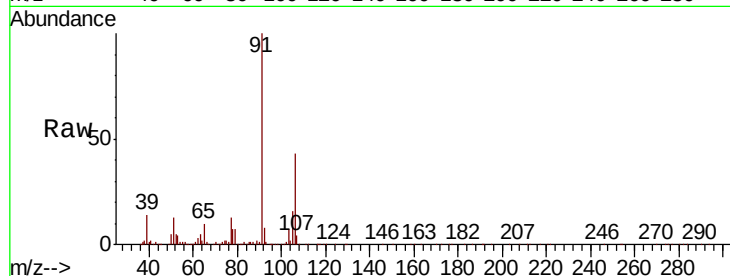




#60
o-Xylene
Concen: 1.878 ppbv
RT: 13.71 min Scan# 3397
Delta R.T. 0.04 min
Lab File: VL036359.D
Acq: 24 Feb 2021 20:42

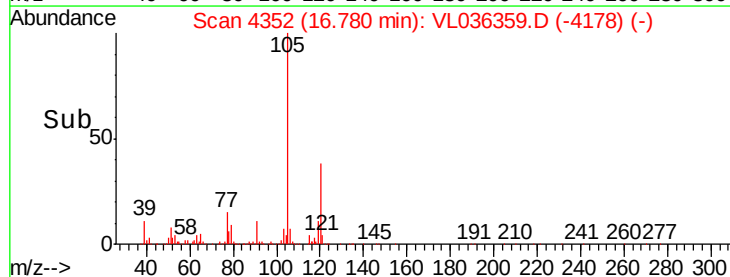
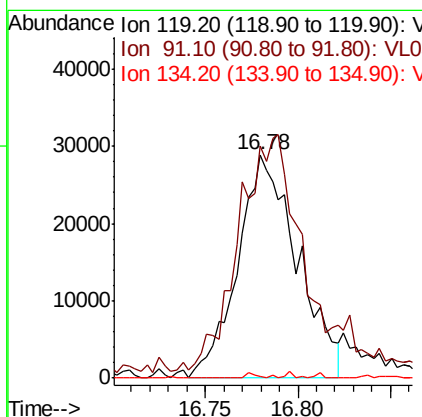
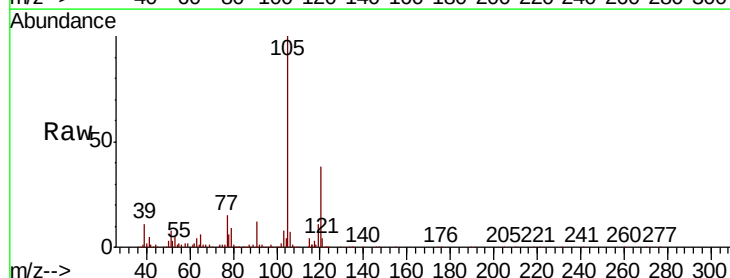
Instrument :
MSVOA_L
ClientSampled :
NS-11

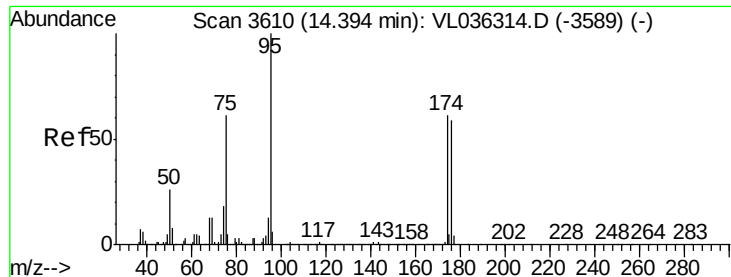
Tot Ion: 91 Resp: 762425
Ion Ratio Lower Upper
91 100
106 43.8 22.0 66.0



#65
tert-Butylbenzene
Concen: 0.125 ppbv
RT: 16.78 min Scan# 4352
Delta R.T. 0.06 min
Lab File: VL036359.D
Acq: 24 Feb 2021 20:42

Tgt Ion: 119 Resp: 64987
Ion Ratio Lower Upper
119 100
91 130.8 70.5 105.7#
134 0.8 15.8 23.8#

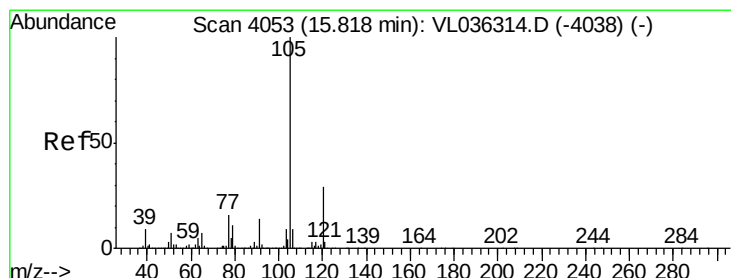
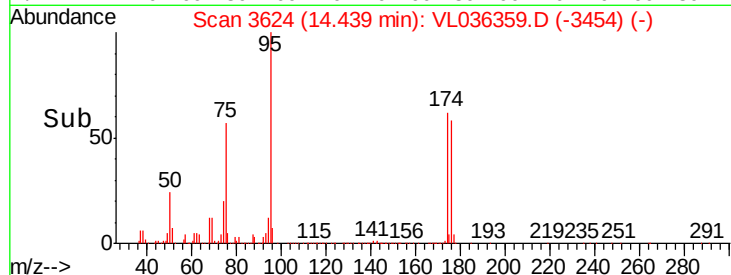
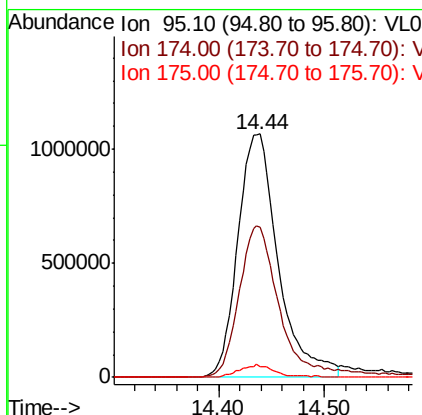
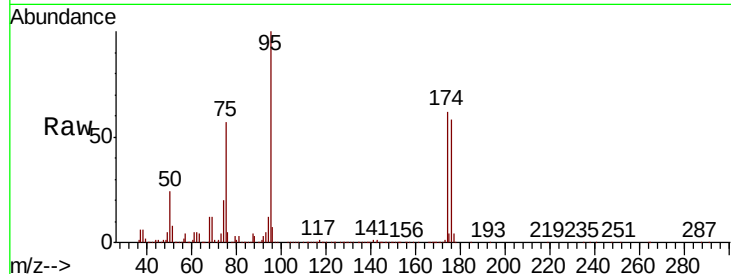




#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.792 ppbv
 RT: 14.44 min Scan# 3624
 Delta R.T. 0.05 min
 Lab File: VL036359.D
 Acq: 24 Feb 2021 20:42

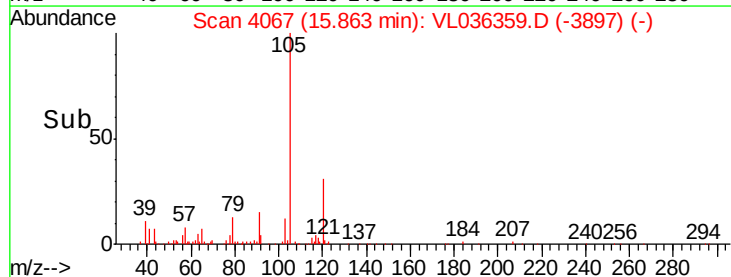
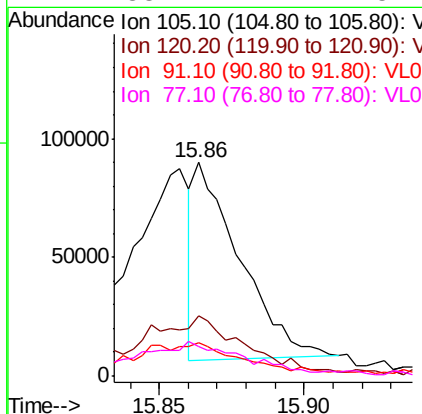
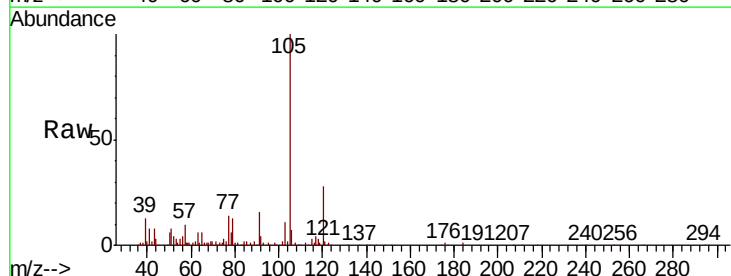
Instrument :
 MSVOA_L
 ClientSampleId :
 NS-11

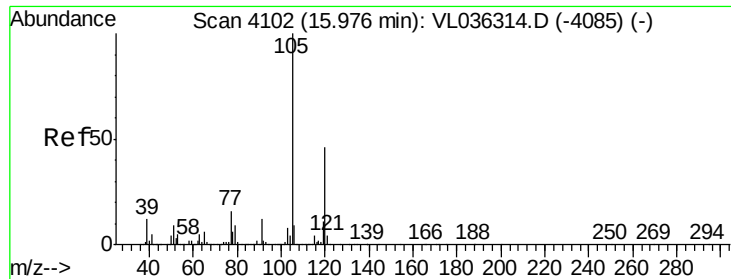
Tot Ion: 95 Resp: 2843640
 Ion Ratio Lower Upper
 95 100
 174 64.4 49.8 74.6
 175 4.8 3.7 5.5



#72
 4-Ethyltoluene
 Concen: 0.199 ppbv
 RT: 15.86 min Scan# 4067
 Delta R.T. 0.05 min
 Lab File: VL036359.D
 Acq: 24 Feb 2021 20:42

Tgt Ion: 105 Resp: 89934
 Ion Ratio Lower Upper
 105 100
 120 66.7 23.2 34.8#
 91 39.4 11.0 16.4#
 77 38.7 12.2 18.4#





#73

1,3,5-Trimethylbenzene

Concen: 0.193 ppbv

RT: 16.02 min Scan# 4116

Delta R.T. 0.05 min

Lab File: VL036359.D

Acq: 24 Feb 2021 20:42

Instrument :

MSVOA_L

ClientSampleId :

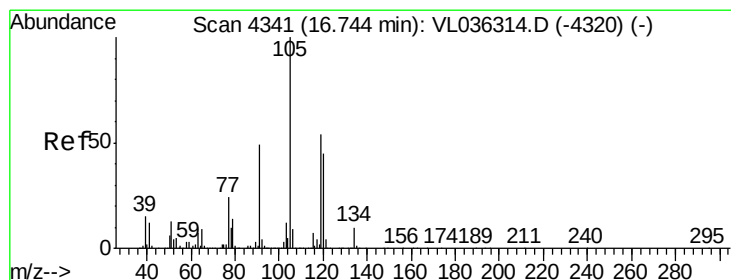
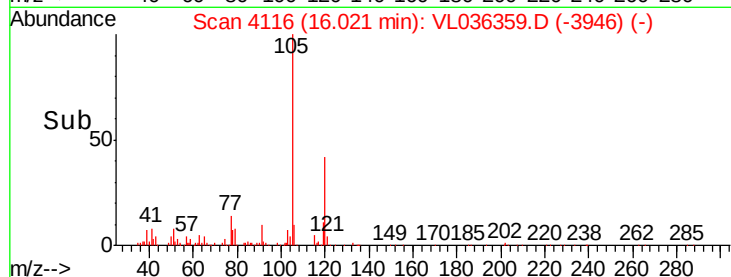
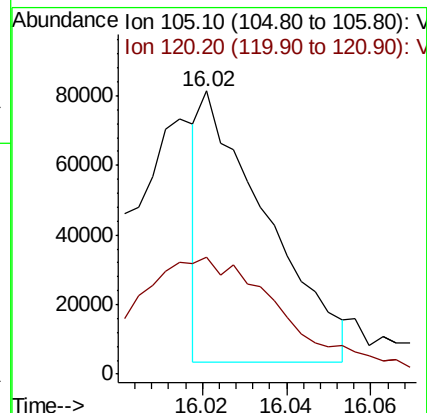
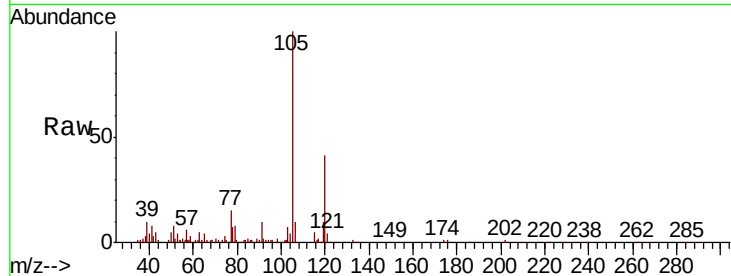
NS-11

Tot Ion:105 Resp: 84317

Ion Ratio Lower Upper

105 100

120 38.8 36.9 55.3



#74

1,2,4-Trimethylbenzene

Concen: 1.357 ppbv

RT: 16.78 min Scan# 4352

Delta R.T. 0.04 min

Lab File: VL036359.D

Acq: 24 Feb 2021 20:42

Tgt Ion:105 Resp: 606458

Ion Ratio Lower Upper

105 100

120 37.8 35.8 53.6

91 11.4 39.8 59.6#

77 14.8 19.1 28.7#

