

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022621\
 Data File : VL036403.D
 Acq On : 26 Feb 2021 15:35
 Operator : SY/AP
 Sample : M1502-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Feb 27 03:17:10 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	5.64	49	1561109	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.14	114	3393898	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.05	117	3144081	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.38	95	2602235	10.06	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.60%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.03	85	41153	0.177 ppbv	# 86
3) Chlorodifluoromethane	2.96	51	49600	0.256 ppbv	# 92
4) Chloromethane	3.12	50	37233	0.397 ppbv	97
7) Chloroethane	3.54	64	1462	0.047 ppbv	90
9) Propene	2.99	41	400087	5.532 ppbv	96
10) Heptane	8.09	43	75994	0.357 ppbv	# 59
11) Trichlorofluoromethane	3.93	101	90642	0.397 ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.46	101	5778	0.041 ppbv	# 13
13) Ethanol	3.59	45	543329	39.999 ppbv	88
15) Acetone	3.83	43	2224302	11.656 ppbv	91
16) 1,3-Butadiene	3.30	39	611771	6.704 ppbv	# 70
17) tert-Butyl alcohol	4.28	59	42012	0.284 ppbv	# 71
19) Isopropyl Alcohol	3.96	45	245088	2.318 ppbv	# 1
20) Methylene Chloride	4.32	84	10013401	162.648 ppbv	# 77
21) Allyl Chloride	4.37	41	11969	0.113 ppbv	# 59
22) trans-1,2-Dichloroethene	4.86	96	46606	0.799 ppbv	# 77
25) Ethyl Acetate	5.66	43	984808	2.673 ppbv	# 77
26) Hexane	5.66	57	1307500	8.638 ppbv	# 38
27) Carbon Disulfide	4.52	76	59343	0.427 ppbv	94
29) Chloroform	5.73	83	25473	0.104 ppbv	# 77
30) Cyclohexane	7.10	84	10708	0.085 ppbv	# 1
34) 2-Butanone	5.22	43	203602	0.903 ppbv	# 84
35) Carbon Tetrachloride	6.99	117	8004	0.035 ppbv	# 35
36) Benzene	6.86	78	358515	1.244 ppbv	# 91
39) 1,2-Dichloropropane	7.15	63	948091	8.096 ppbv	# 23
41) Tetrahydrofuran	5.66	42	540118	4.292 ppbv	# 51
44) 2,2,4-Trimethylpentane	7.84	57	113282	0.216 ppbv	# 23
51) 2-Hexanone	10.11	43	9411	0.037 ppbv	# 29
52) Tetrachloroethene	11.19	164	22984	0.218 ppbv	92
53) Toluene	9.77	91	1636975	5.242 ppbv	99
58) Ethyl Benzene	12.68	91	587060	1.364 ppbv	98
59) m/p-Xylene	12.93	91	1391857	3.681 ppbv	96
60) o-Xylene	13.66	91	571165	1.580 ppbv	100
61) Styrene	13.50	104	528892	2.360 ppbv	98
62) Isopropylbenzene	14.64	105	41849	0.077 ppbv	97
64) n-propylbenzene	15.53	120	12709	0.095 ppbv	# 1
65) tert-Butylbenzene	16.74	119	23862	0.051 ppbv	# 1
72) 4-Ethyltoluene	15.81	105	68770	0.171 ppbv	# 50
73) 1,3,5-Trimethylbenzene	15.96	105	145729	0.374 ppbv	99
74) 1,2,4-Trimethylbenzene	16.73	105	523075	1.314 ppbv	# 70

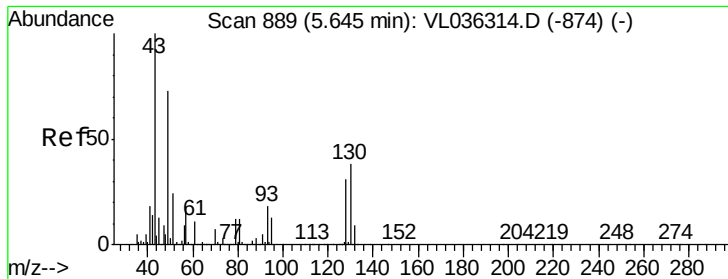
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022621\
Data File : VL036403.D
Acq On : 26 Feb 2021 15:35
Operator : SY/AP
Sample : M1502-02
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Feb 27 03:17:10 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 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)
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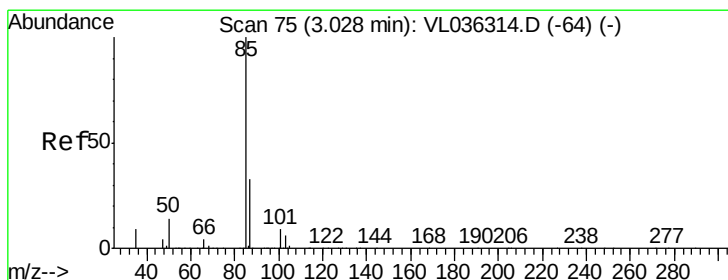
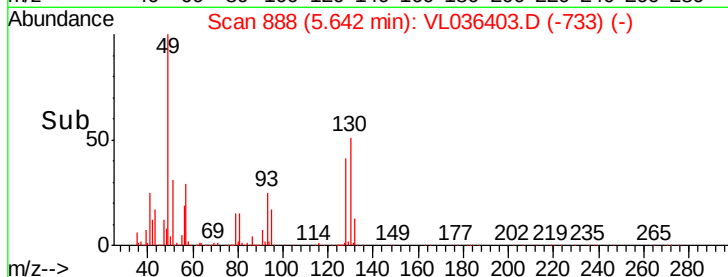
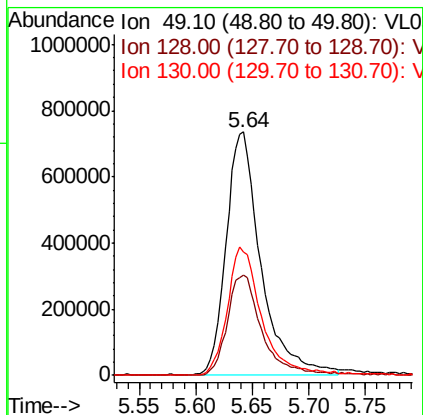
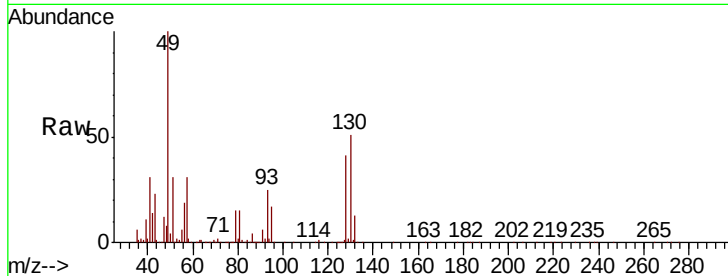
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.64 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: VL036403.D
 Acq: 26 Feb 2021 15:35

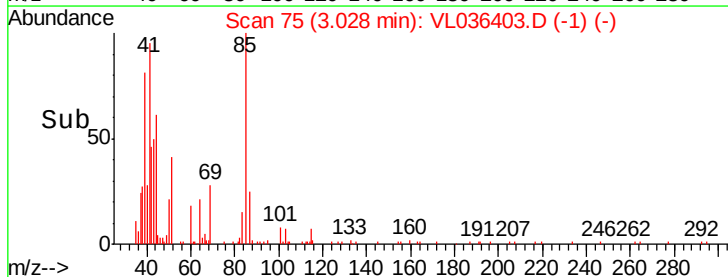
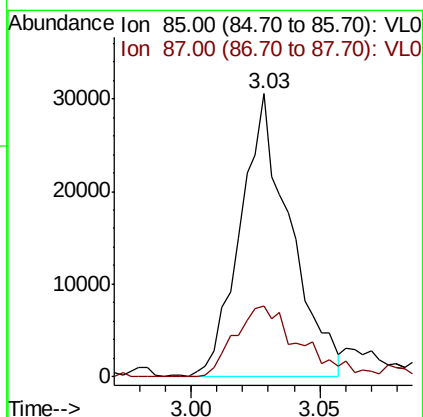
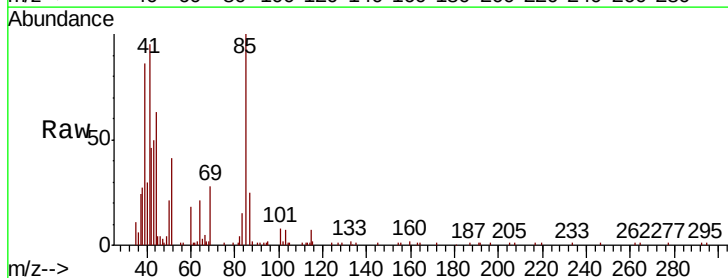
Instrument :
 MSVOA_L
 ClientSampleId :

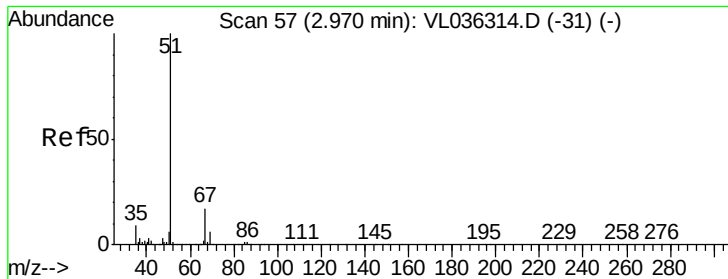
Tot Ion: 49 Resp: 1561109
 Ion Ratio Lower Upper
 49 100
 128 42.2 20.8 62.5
 130 53.2 26.7 80.1



#2
 Dichlorodifluoromethane
 Concen: 0.177 ppbv
 RT: 3.03 min Scan# 75
 Delta R.T. 0.00 min
 Lab File: VL036403.D
 Acq: 26 Feb 2021 15:35

Tgt Ion: 85 Resp: 41153
 Ion Ratio Lower Upper
 85 100
 87 25.2 26.5 39.7#





#3

Chlorodifluoromethane

Concen: 0.256 ppbv

RT: 2.96 min Scan# 55

Delta R.T. -0.01 min

Lab File: VL036403.D

Acq: 26 Feb 2021 15:35

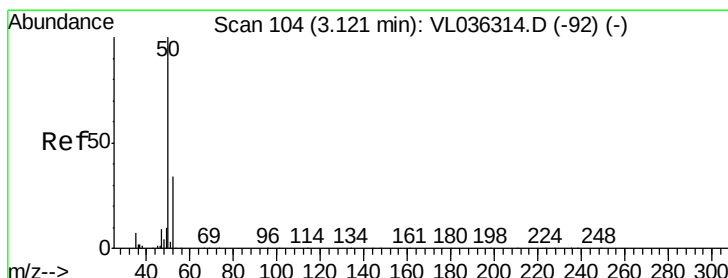
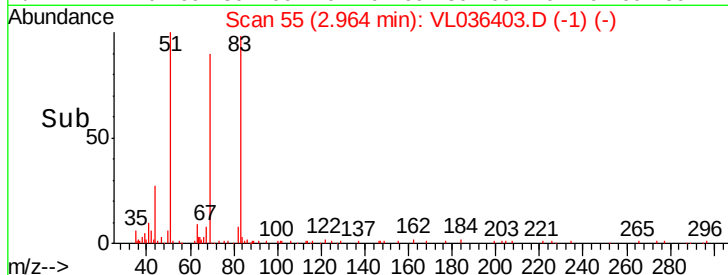
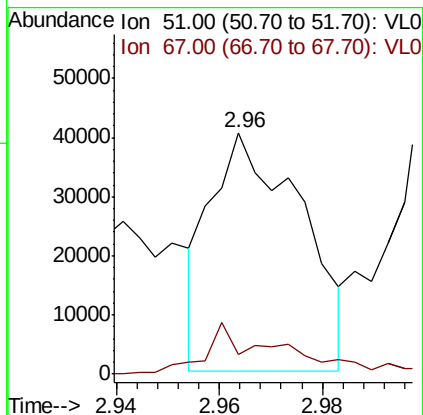
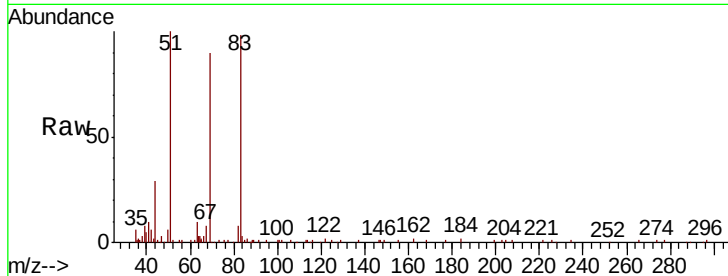
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 51 Resp: 49600

Ion Ratio Lower Upper

51 100

67 22.1 14.7 22.1#



#4

Chloromethane

Concen: 0.397 ppbv

RT: 3.12 min Scan# 104

Delta R.T. 0.00 min

Lab File: VL036403.D

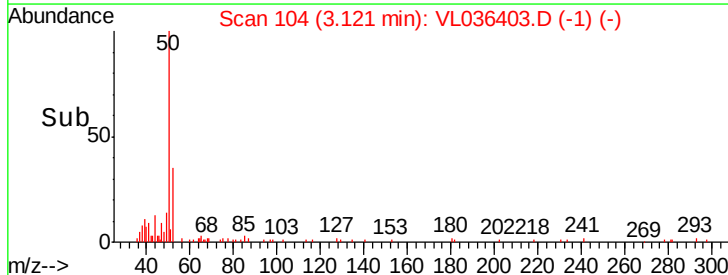
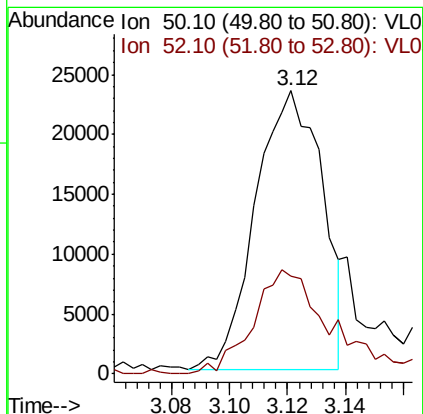
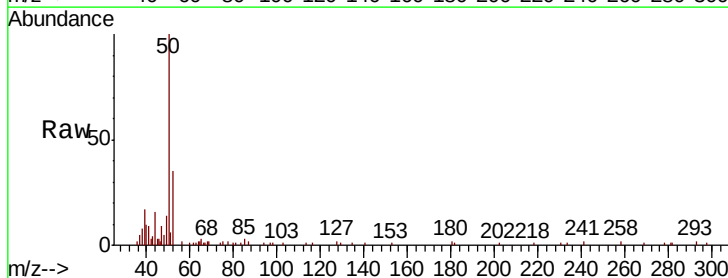
Acq: 26 Feb 2021 15:35

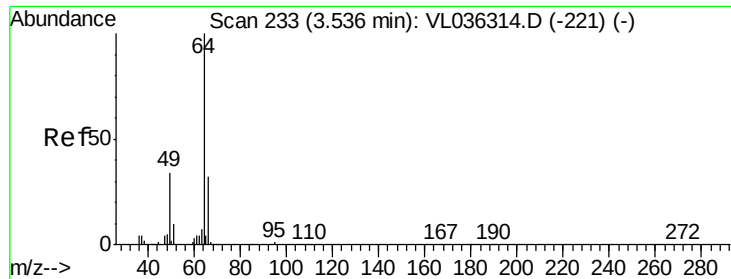
Tgt Ion: 50 Resp: 37233

Ion Ratio Lower Upper

50 100

52 35.3 27.0 40.4





#7

Chloroethane

Concen: 0.047 ppbv

RT: 3.54 min Scan# 234

Delta R.T. 0.00 min

Lab File: VL036403.D

Acq: 26 Feb 2021 15:35

Instrument :

MSVOA_L

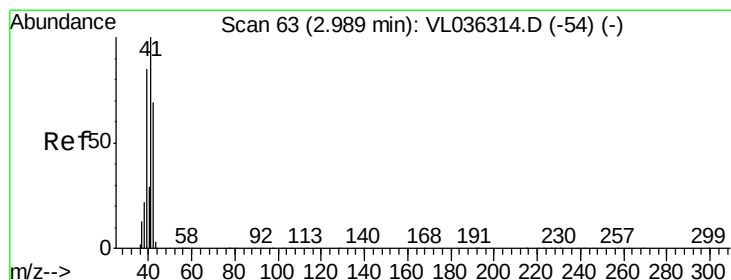
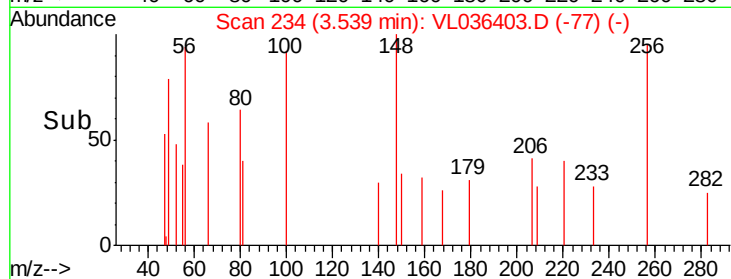
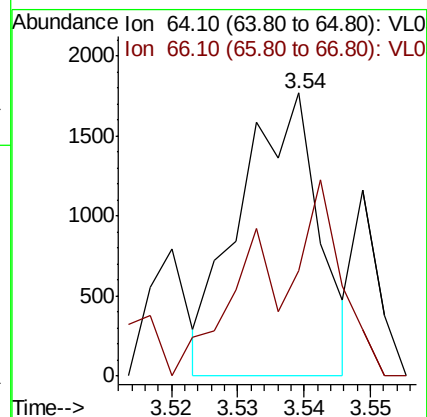
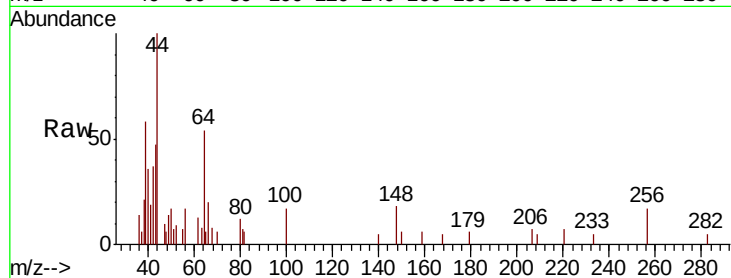
ClientSampleId :

Tot Ion: 64 Resp: 1462

Ion Ratio Lower Upper

64 100

66 37.4 25.6 38.4



#9

Propene

Concen: 5.532 ppbv

RT: 2.99 min Scan# 63

Delta R.T. 0.00 min

Lab File: VL036403.D

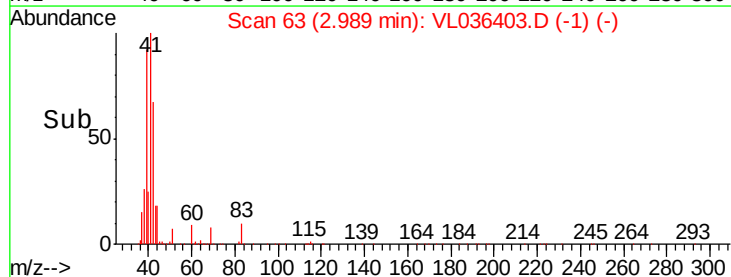
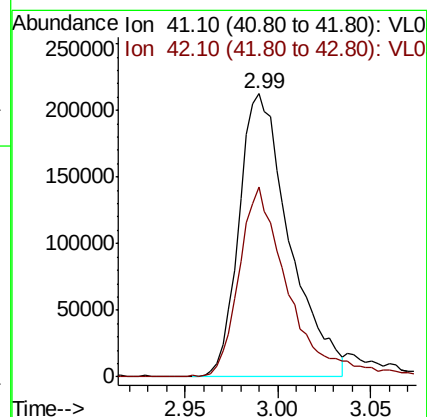
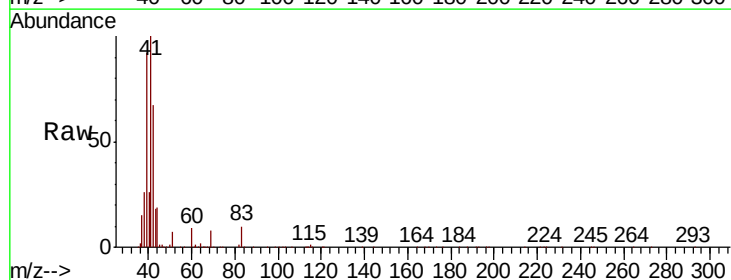
Acq: 26 Feb 2021 15:35

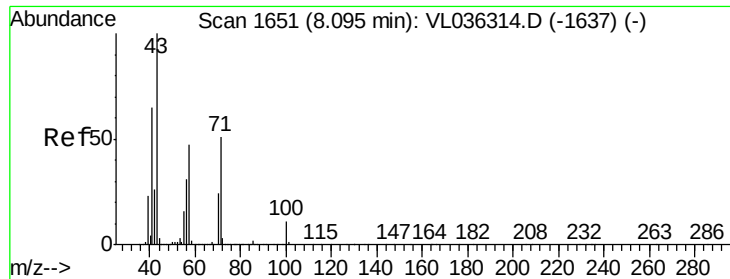
Tgt Ion: 41 Resp: 400087

Ion Ratio Lower Upper

41 100

42 66.8 56.2 84.2





#10

Heptane

Concen: 0.357 ppbv

RT: 8.09 min Scan# 1649

Delta R.T. -0.01 min

Lab File: VL036403.D

Acq: 26 Feb 2021 15:35

Instrument :

MSVOA_L

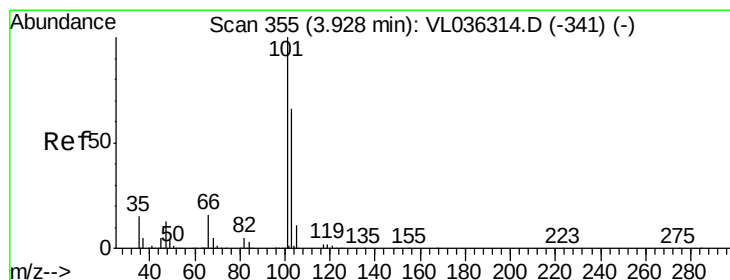
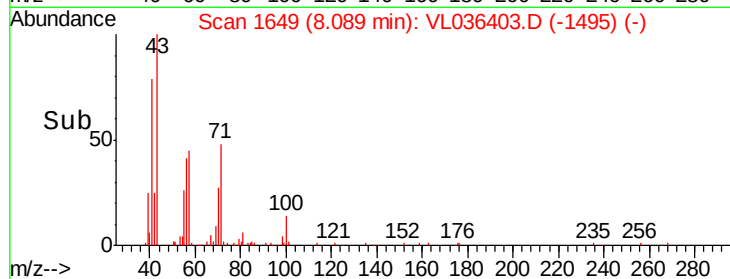
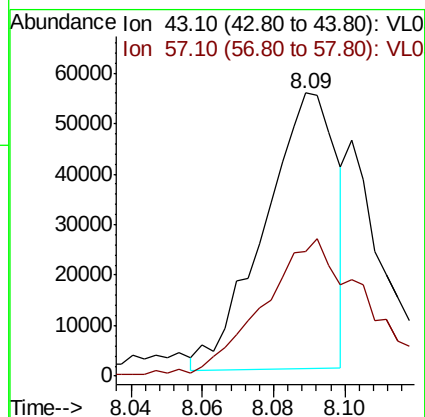
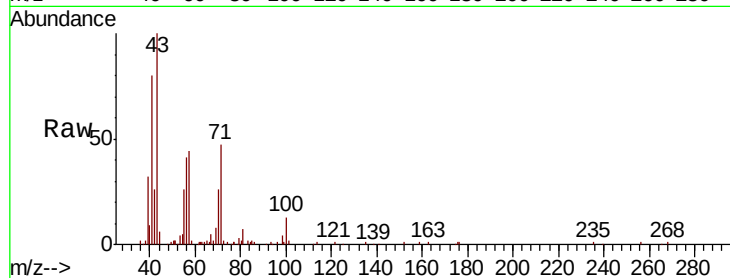
ClientSampleId :

Tot Ion: 43 Resp: 75994

Ion Ratio Lower Upper

43 100

57 77.5 39.4 59.2#



#11

Trichlorofluoromethane

Concen: 0.397 ppbv

RT: 3.93 min Scan# 354

Delta R.T. -0.00 min

Lab File: VL036403.D

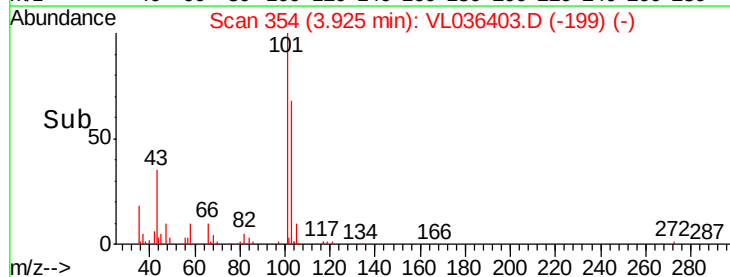
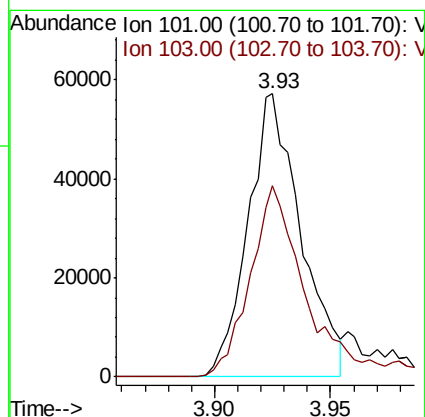
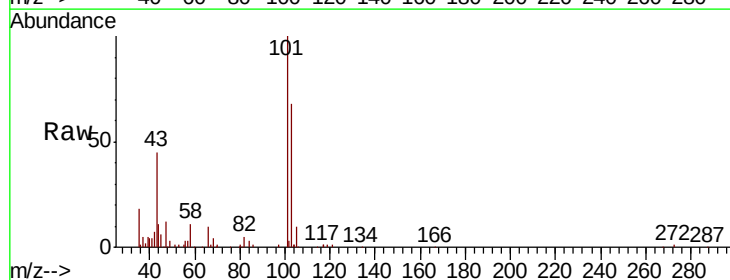
Acq: 26 Feb 2021 15:35

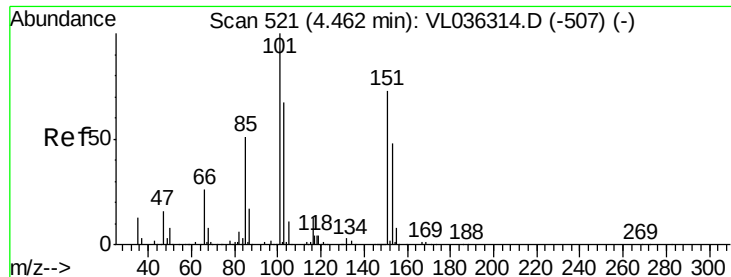
Tgt Ion: 101 Resp: 90642

Ion Ratio Lower Upper

101 100

103 67.5 52.9 79.3





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.041 ppbv

RT: 4.46 min Scan# 521

Delta R.T. 0.00 min

Lab File: VL036403.D

Acq: 26 Feb 2021 15:35

Instrument :

MSVOA_L

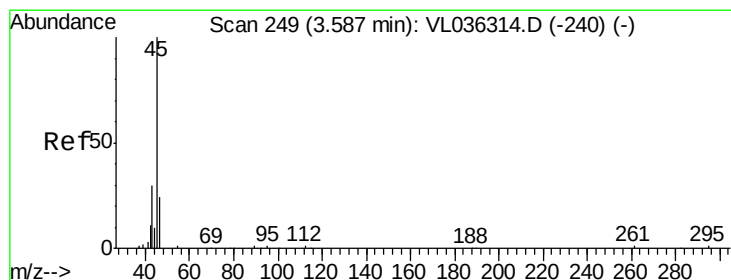
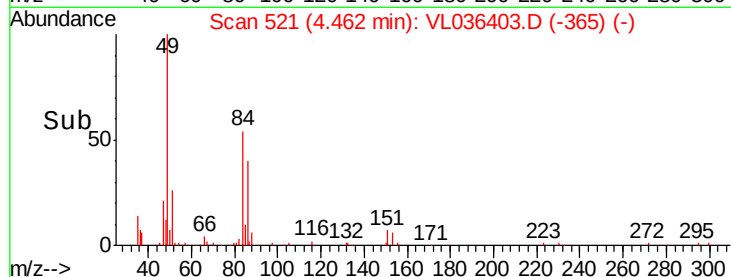
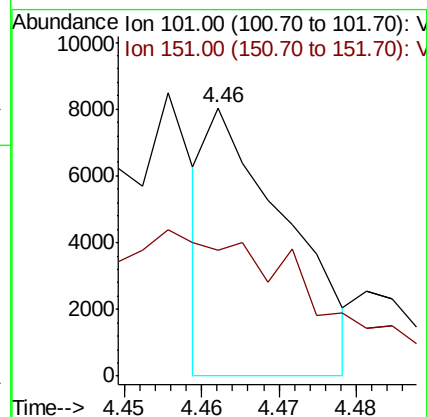
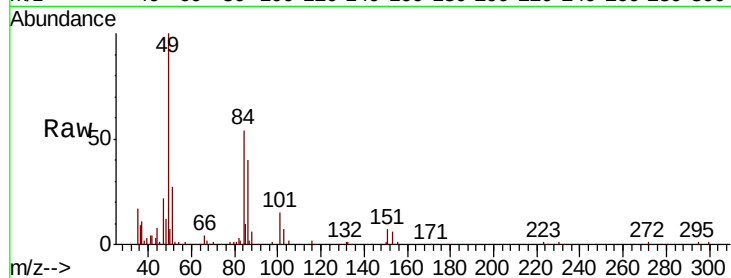
ClientSampleId :

Tot Ion:101 Resp: 5778

Ion Ratio Lower Upper

101 100

151 0.0 58.2 87.4#



#13

Ethanol

Concen: 39.999 ppbv

RT: 3.59 min Scan# 249

Delta R.T. 0.00 min

Lab File: VL036403.D

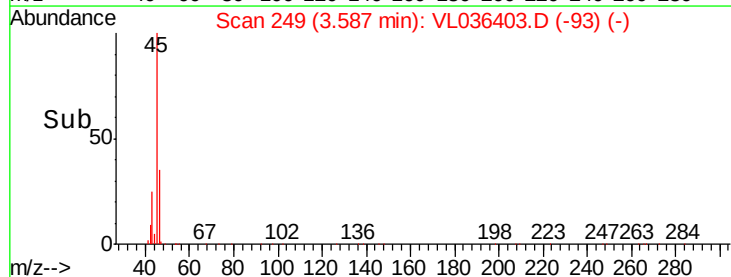
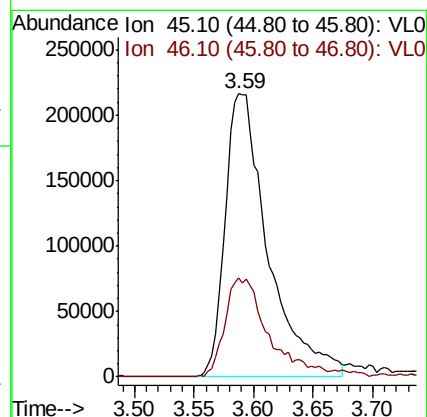
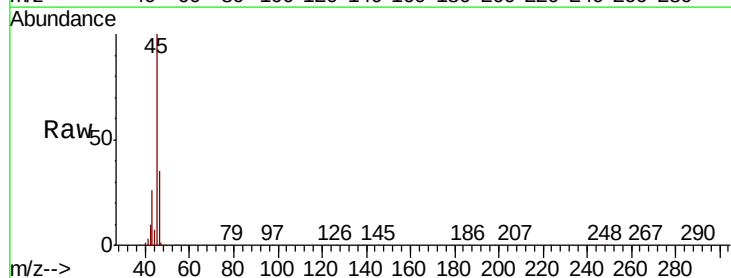
Acq: 26 Feb 2021 15:35

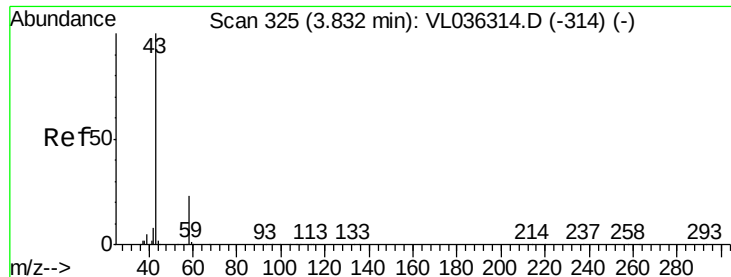
Tgt Ion: 45 Resp: 543329

Ion Ratio Lower Upper

45 100

46 36.6 17.7 70.7





#15

Acetone

Concen: 11.656 ppbv

RT: 3.83 min Scan# 324

Delta R.T. -0.00 min

Lab File: VL036403.D

Acq: 26 Feb 2021 15:35

Instrument :

MSVOA_L

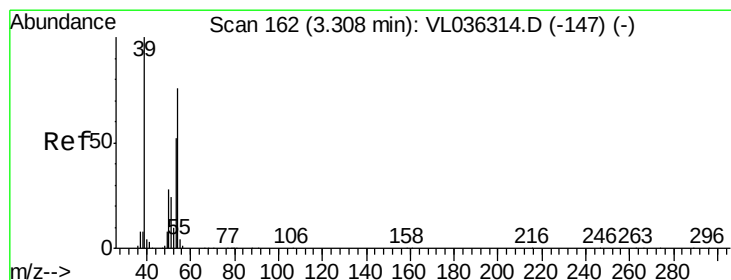
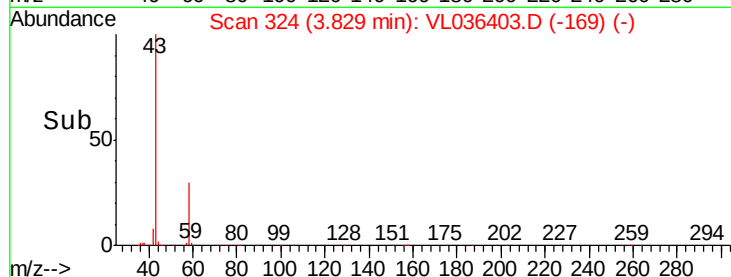
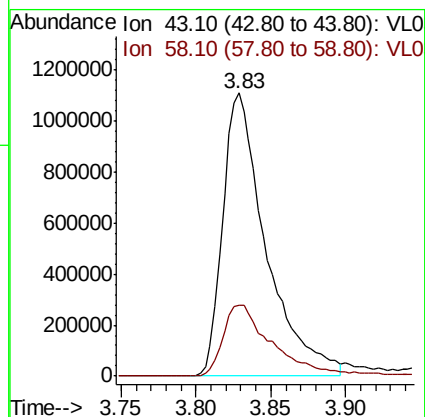
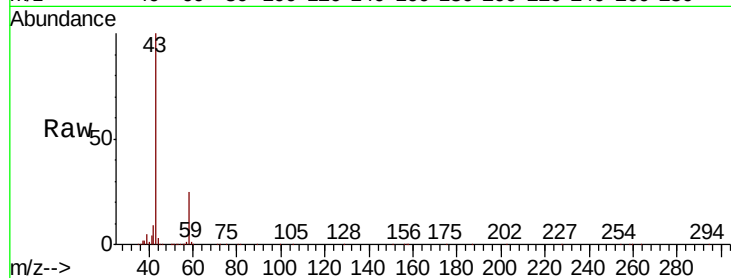
ClientSampleId :

Tot Ion: 43 Resp: 2224302

Ion Ratio Lower Upper

43 100

58 30.1 20.3 30.5



#16

1,3-Butadiene

Concen: 6.704 ppbv

RT: 3.30 min Scan# 161

Delta R.T. -0.00 min

Lab File: VL036403.D

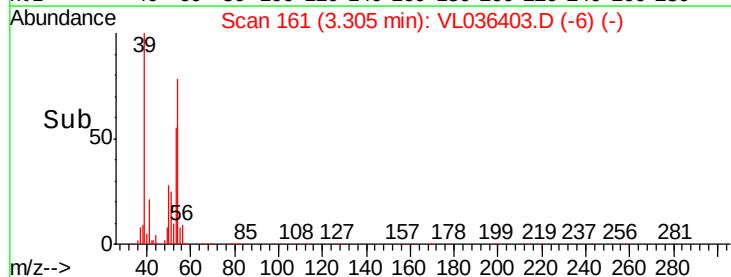
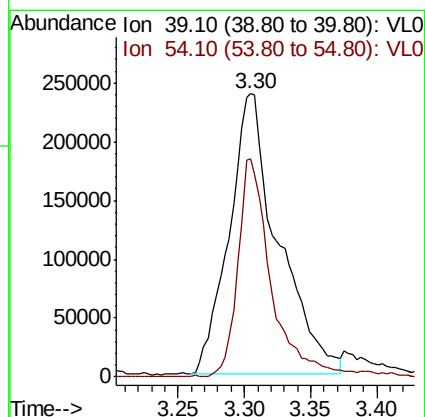
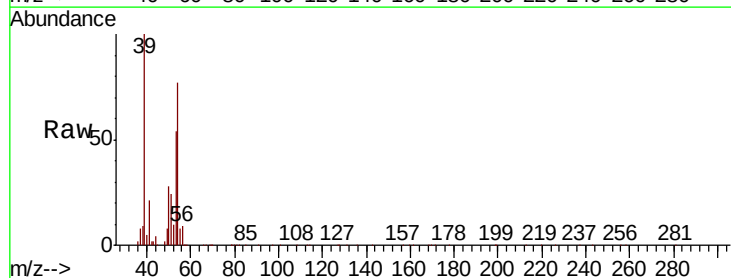
Acq: 26 Feb 2021 15:35

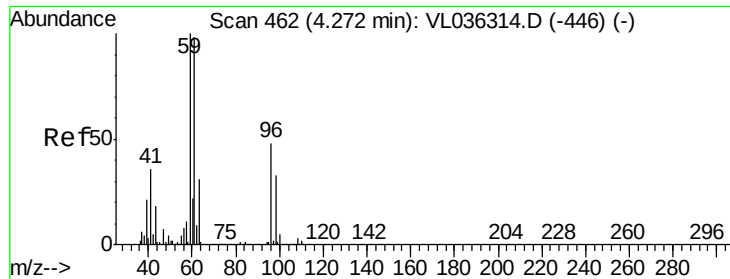
Tgt Ion: 39 Resp: 611771

Ion Ratio Lower Upper

39 100

54 54.3 64.4 96.6#



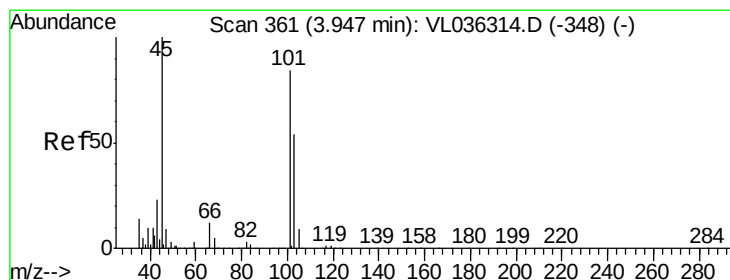
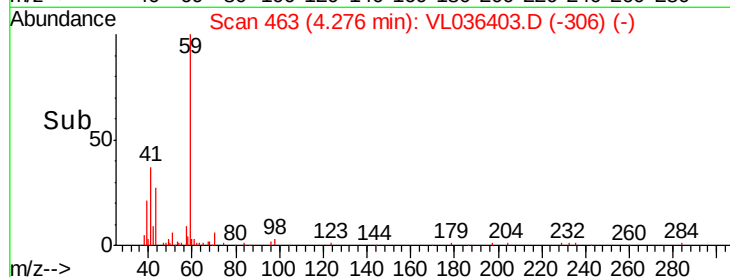
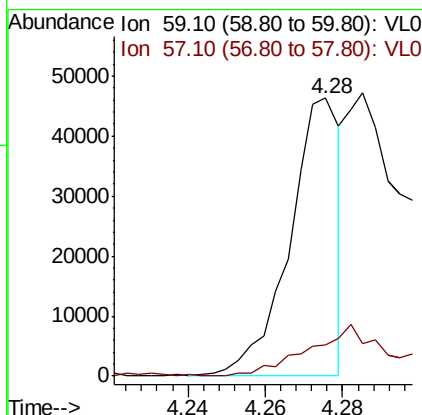
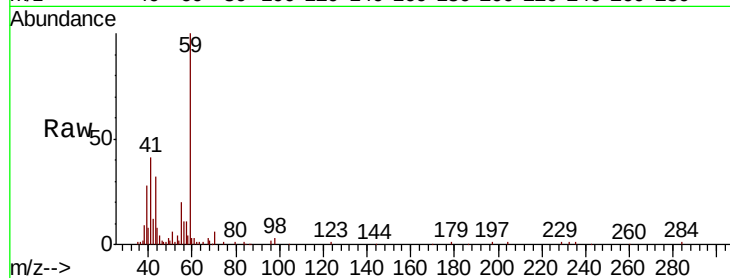


#17

tert-Butyl alcohol
Concen: 0.284 ppbv
RT: 4.28 min Scan# 463
Delta R.T. 0.00 min
Lab File: VL036403.D
Acq: 26 Feb 2021 15:35

Instrument :
MSVOA_L
ClientSampled :

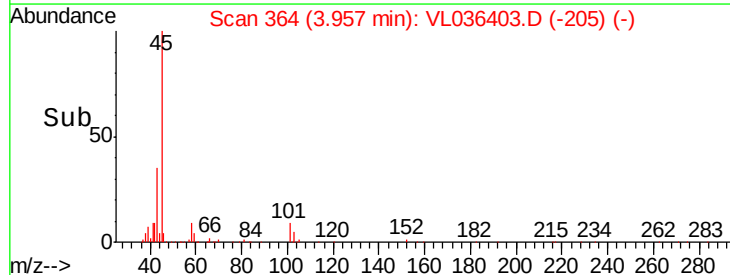
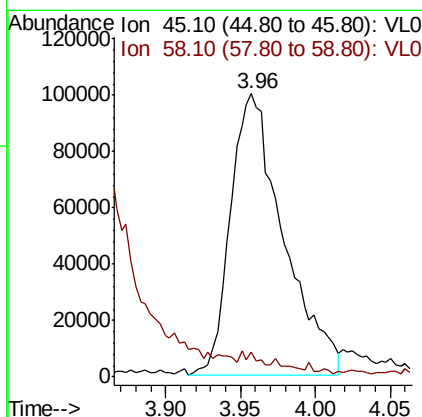
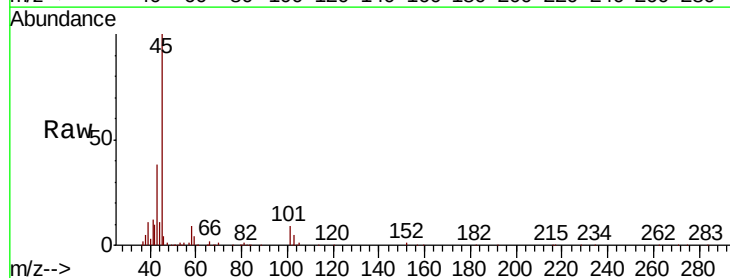
Tot Ion: 59 Resp: 42012
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#

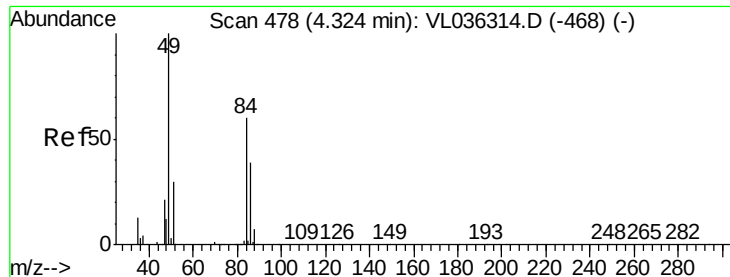


#19

Isopropyl Alcohol
Concen: 2.318 ppbv
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VL036403.D
Acq: 26 Feb 2021 15:35

Tgt Ion: 45 Resp: 245088
Ion Ratio Lower Upper
45 100
58 273.0 1.9 2.9#

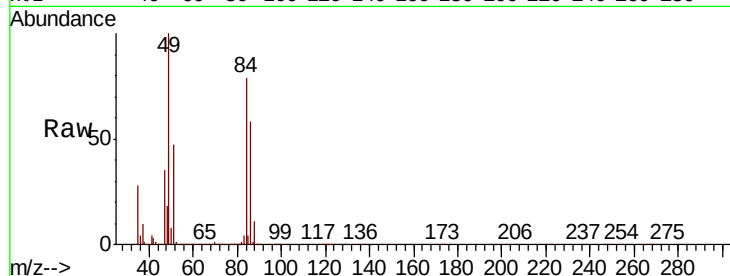




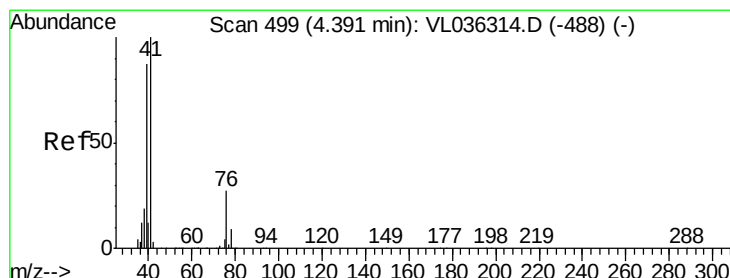
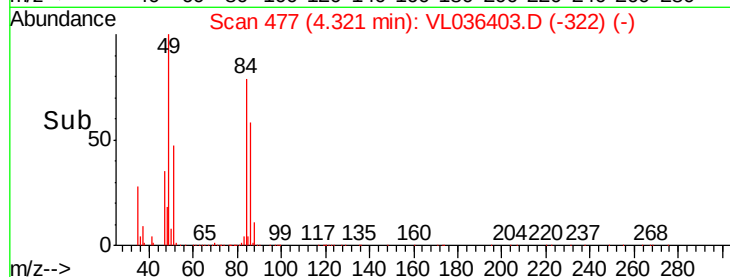
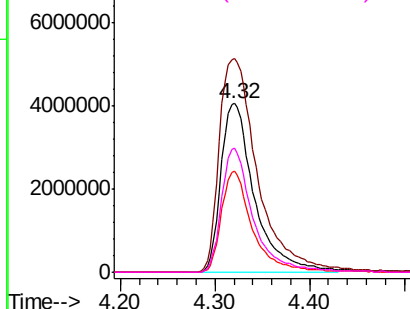
#20
Methylene Chloride
Concen: 162.648 ppbv
RT: 4.32 min Scan# 477
Delta R.T. -0.00 min
Lab File: VL036403.D
Acq: 26 Feb 2021 15:35

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 84 Resp:10013401
Ion Ratio Lower Upper
84 100
49 126.4 133.8 200.8#
51 59.7 41.4 62.0
86 73.9 51.5 77.3

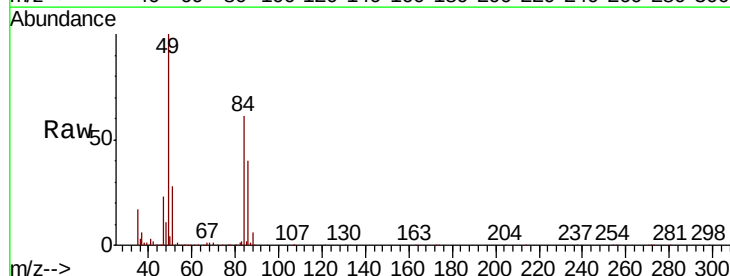


Abundance Ion 84.00 (83.70 to 84.70): VL0
8000000
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

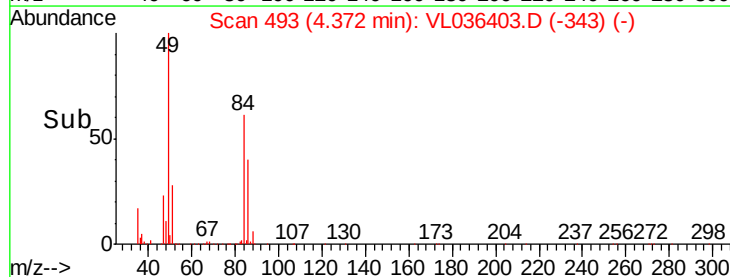
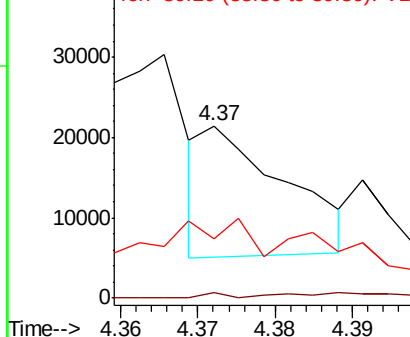


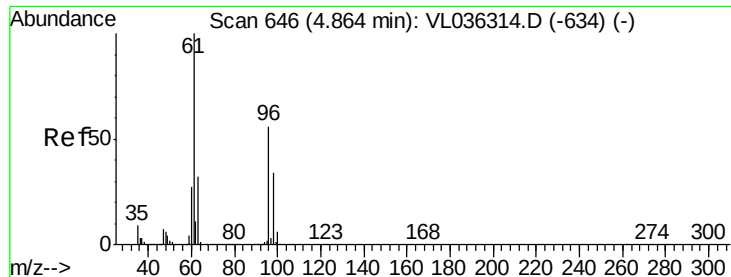
#21
Allyl Chloride
Concen: 0.113 ppbv
RT: 4.37 min Scan# 493
Delta R.T. -0.02 min
Lab File: VL036403.D
Acq: 26 Feb 2021 15:35

Tgt Ion: 41 Resp: 11969
Ion Ratio Lower Upper
41 100
76 0.0 22.0 33.0#
39 121.9 70.2 105.2#



Abundance Ion 41.10 (40.80 to 41.80): VL0
40000
Ion 76.10 (75.80 to 76.80): VL0
Ion 39.10 (38.80 to 39.80): VL0





#22

trans-1,2-Dichloroethene

Concen: 0.799 ppbv

RT: 4.86 min Scan# 645

Delta R.T. -0.00 min

Lab File: VL036403.D

Acq: 26 Feb 2021 15:35

Instrument :

MSVOA_L

ClientSampleId :

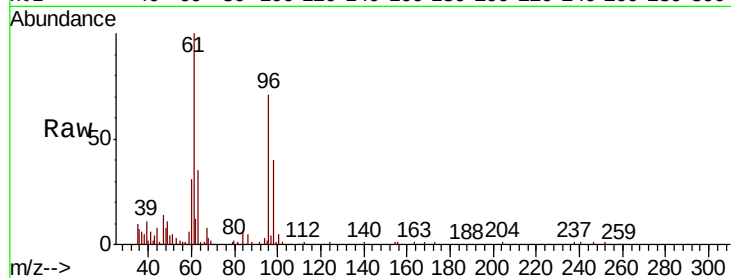
Tot Ion: 96 Resp: 46606

Ion Ratio Lower Upper

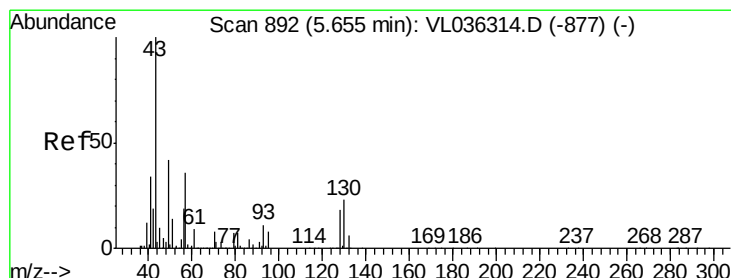
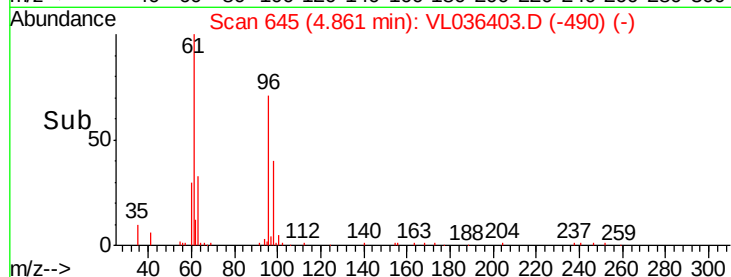
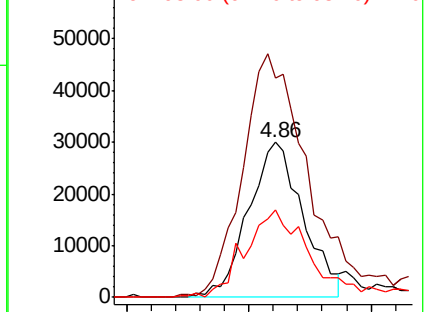
96 100

61 139.9 143.7 215.5#

98 55.3 48.5 72.7



Abundance Ion 96.00 (95.70 to 96.70): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 98.00 (97.70 to 98.70): VL0



#25

Ethyl Acetate

Concen: 2.673 ppbv

RT: 5.66 min Scan# 893

Delta R.T. 0.00 min

Lab File: VL036403.D

Acq: 26 Feb 2021 15:35

Tgt Ion: 43 Resp: 984808

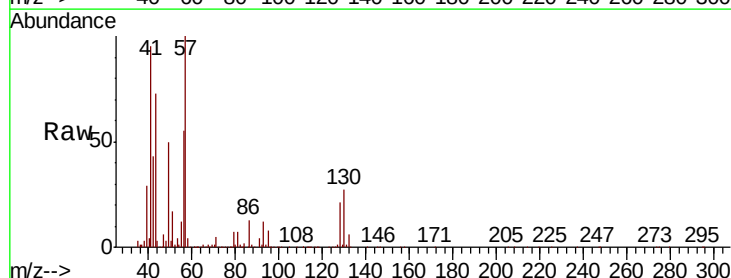
Ion Ratio Lower Upper

43 100

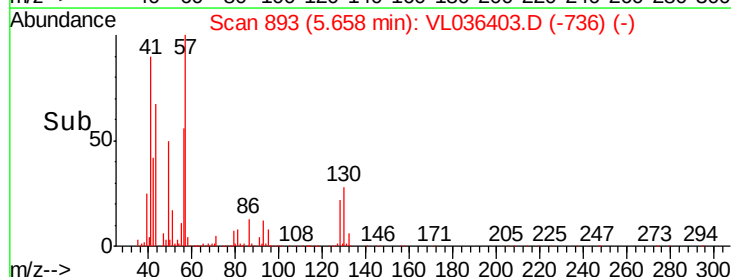
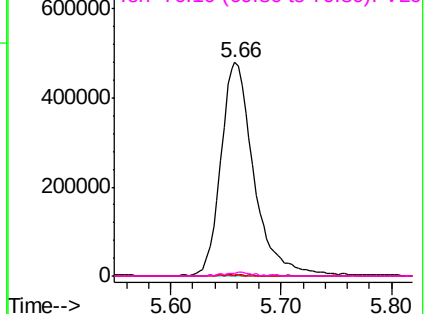
45 0.7 8.3 12.5#

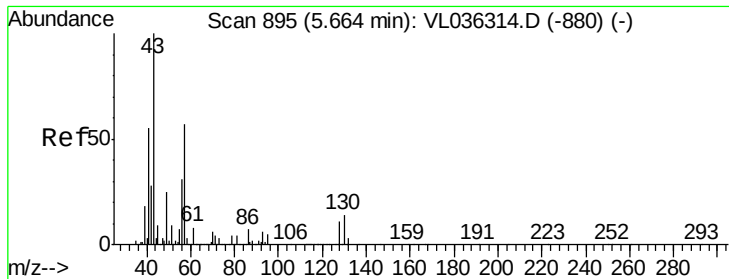
61 0.3 7.3 10.9#

70 1.6 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

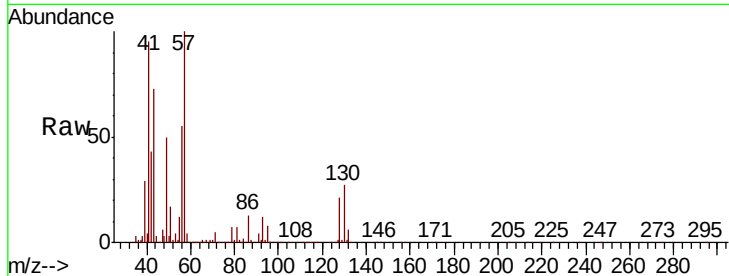




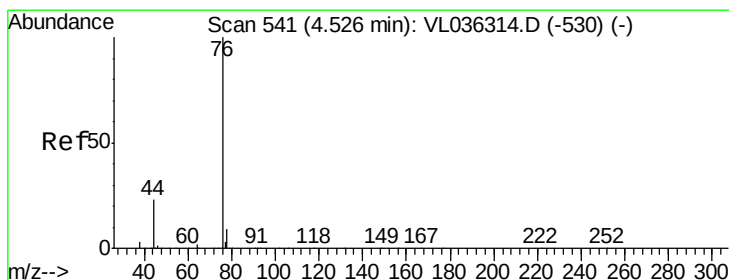
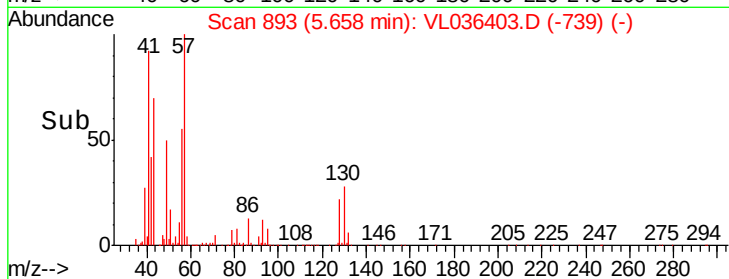
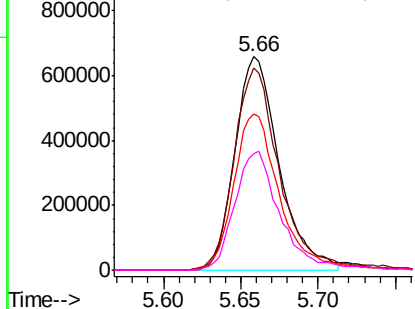
#26
Hexane
Concen: 8.638 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.01 min
Lab File: VL036403.D
Acq: 26 Feb 2021 15:35

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 57 Resp: 1307500
Ion Ratio Lower Upper
57 100
41 99.6 81.7 122.5
43 77.1 199.1 298.7#
56 58.2 44.0 66.0

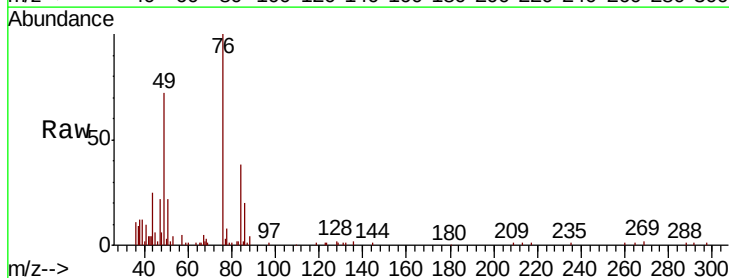


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

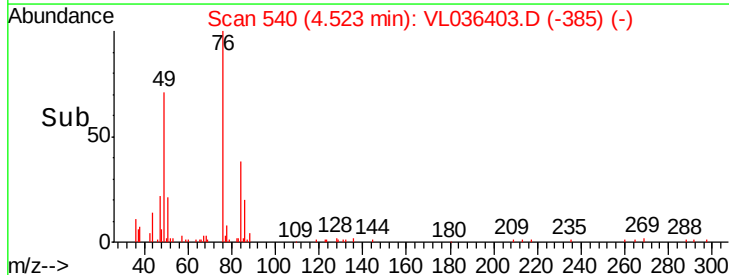
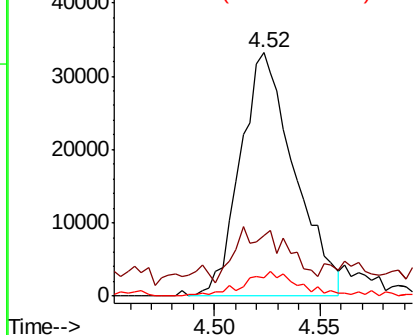


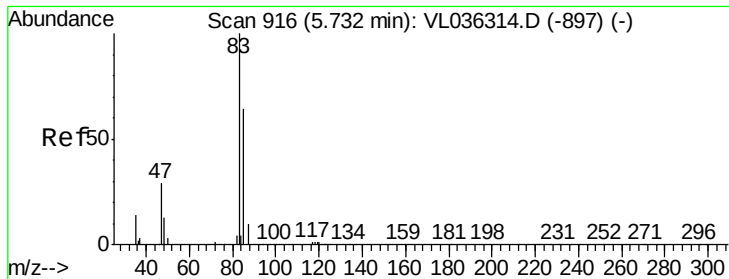
#27
Carbon Disulfide
Concen: 0.427 ppbv
RT: 4.52 min Scan# 540
Delta R.T. -0.00 min
Lab File: VL036403.D
Acq: 26 Feb 2021 15:35

Tgt Ion: 76 Resp: 59343
Ion Ratio Lower Upper
76 100
44 18.9 18.4 27.6
78 10.0 8.0 12.0



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

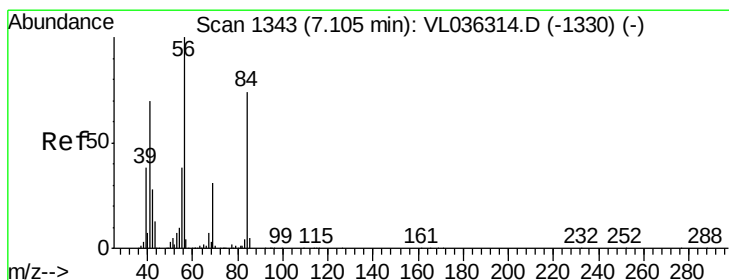
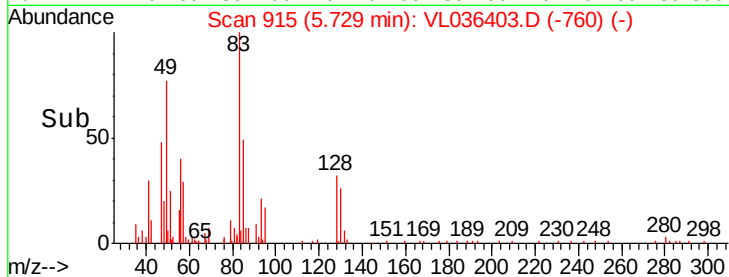
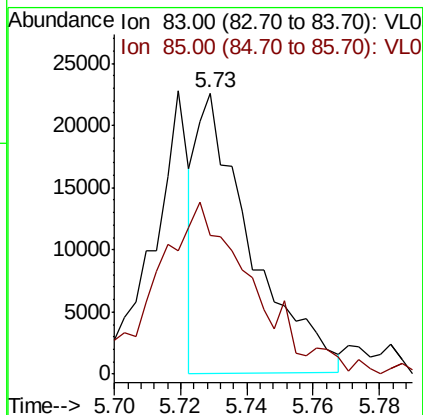
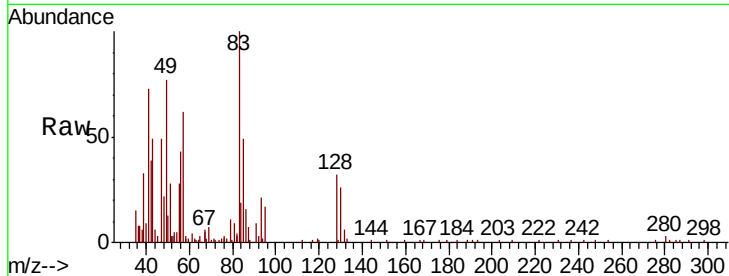




#29
Chloroform
Concen: 0.104 ppbv
RT: 5.73 min Scan# 915
Delta R.T. -0.00 min
Lab File: VL036403.D
Acq: 26 Feb 2021 15:35

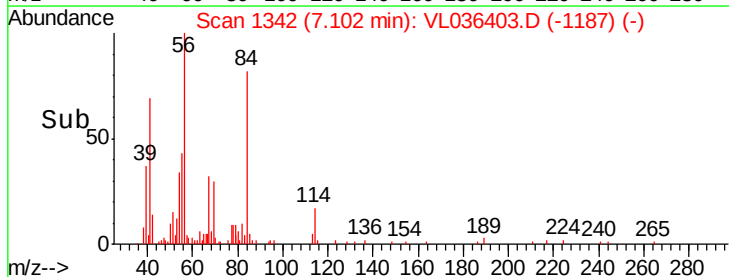
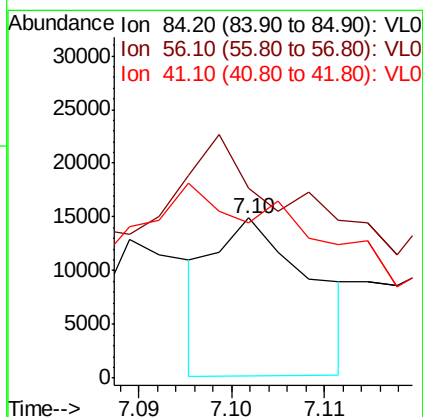
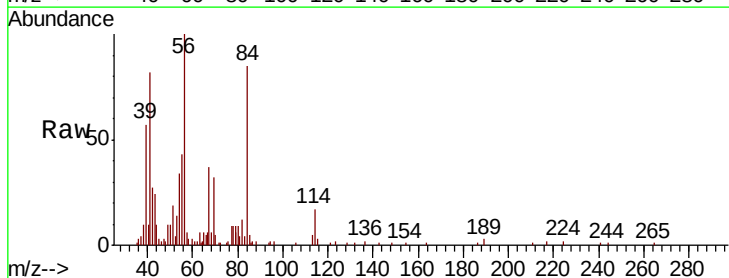
Instrument :
MSVOA_L
ClientSampled :

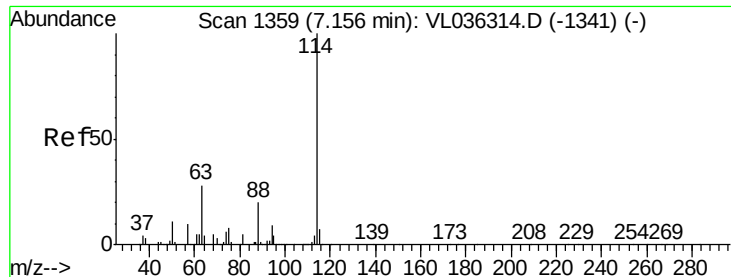
Tot Ion: 83 Resp: 25473
Ion Ratio Lower Upper
83 100
85 46.5 51.4 77.2#



#30
Cyclohexane
Concen: 0.085 ppbv
RT: 7.10 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VL036403.D
Acq: 26 Feb 2021 15:35

Tgt Ion: 84 Resp: 10708
Ion Ratio Lower Upper
84 100
56 0.0 120.2 180.4#
41 336.5 79.7 119.5#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.14 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VL036403.D

Acq: 26 Feb 2021 15:35

Instrument :

MSVOA_L

ClientSampleId :

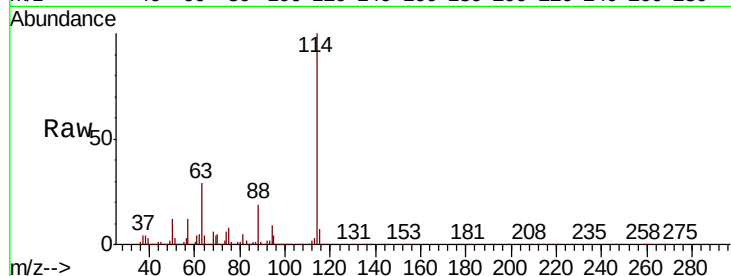
Tot Ion:114 Resp: 3393898

Ion Ratio Lower Upper

114 100

63 29.0 24.1 36.1

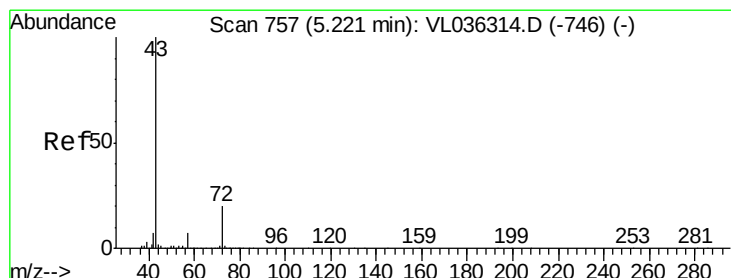
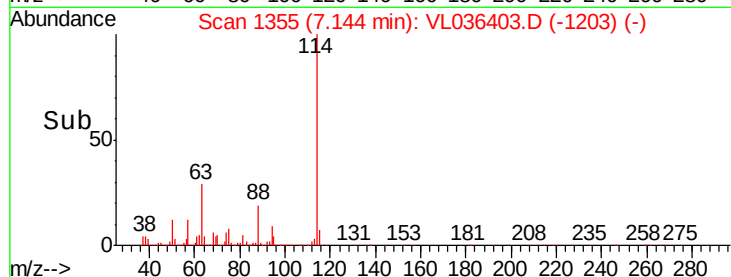
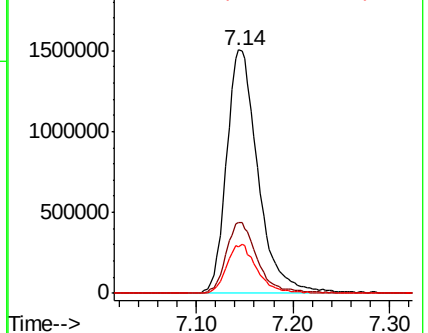
88 19.7 16.0 24.0



Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#34

2-Butanone

Concen: 0.903 ppbv

RT: 5.22 min Scan# 757

Delta R.T. 0.00 min

Lab File: VL036403.D

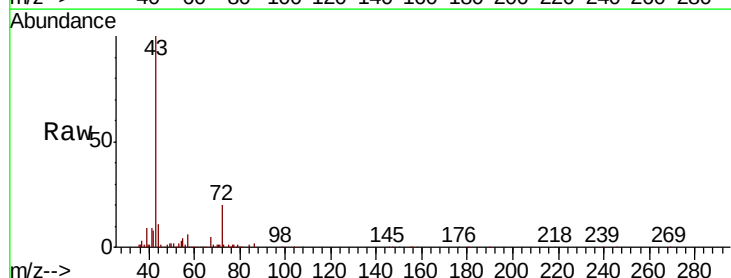
Acq: 26 Feb 2021 15:35

Tgt Ion: 43 Resp: 203602

Ion Ratio Lower Upper

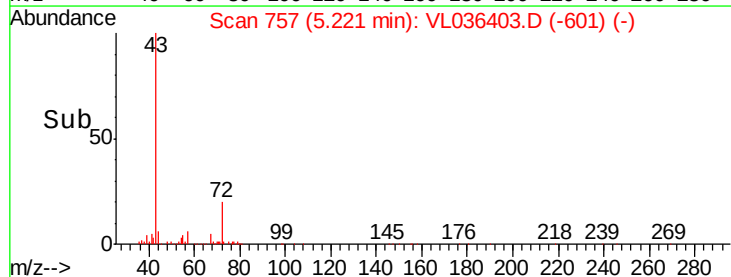
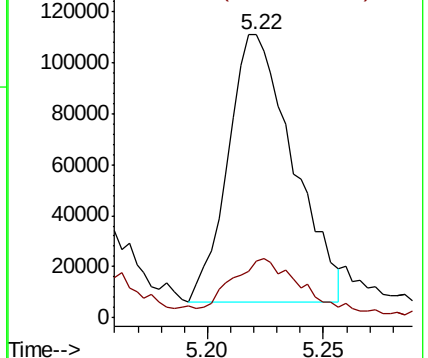
43 100

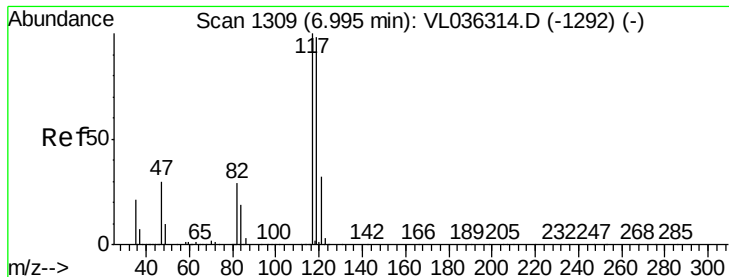
72 28.4 16.7 25.1#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 0.035 ppbv

RT: 6.99 min Scan# 1306

Delta R.T. -0.01 min

Lab File: VL036403.D

Acq: 26 Feb 2021 15:35

Instrument :

MSVOA_L

ClientSampled :

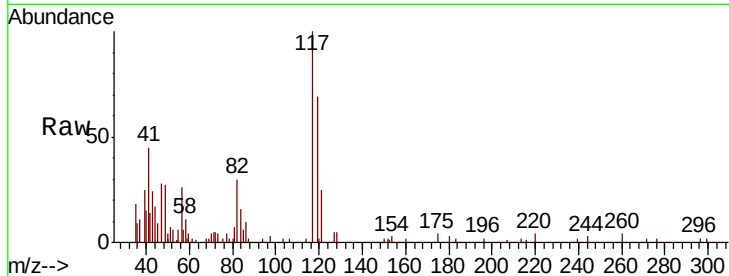
Tot Ion:117 Resp: 8004

Ion Ratio Lower Upper

117 100

119 23.3 78.1 117.1#

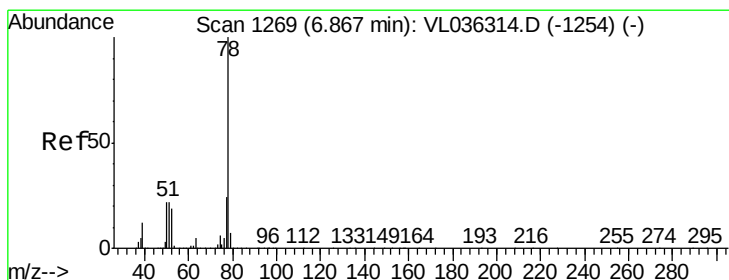
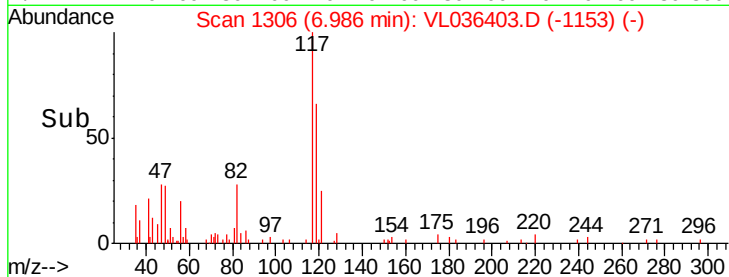
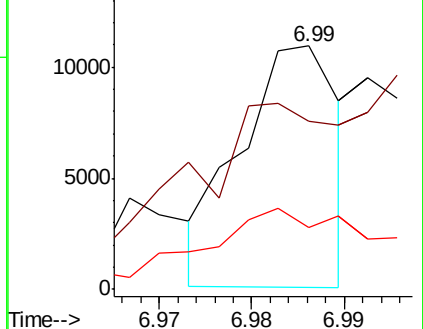
121 14.0 25.8 38.8#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 1.244 ppbv

RT: 6.86 min Scan# 1267

Delta R.T. -0.01 min

Lab File: VL036403.D

Acq: 26 Feb 2021 15:35

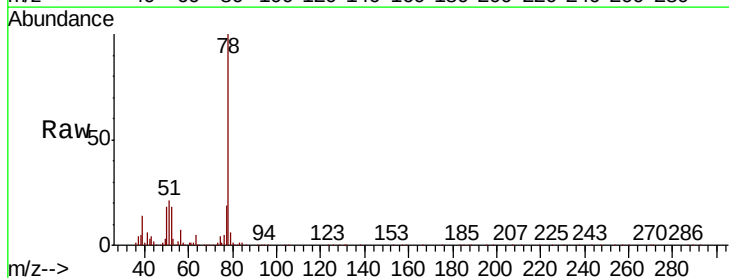
Tgt Ion: 78 Resp: 358515

Ion Ratio Lower Upper

78 100

77 19.0 18.9 28.3

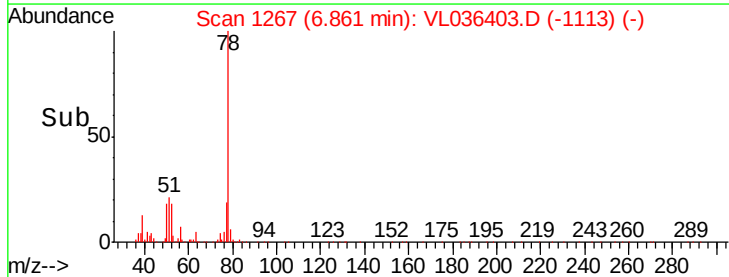
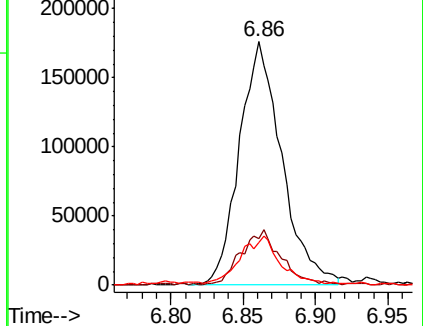
50 17.1 17.3 25.9#

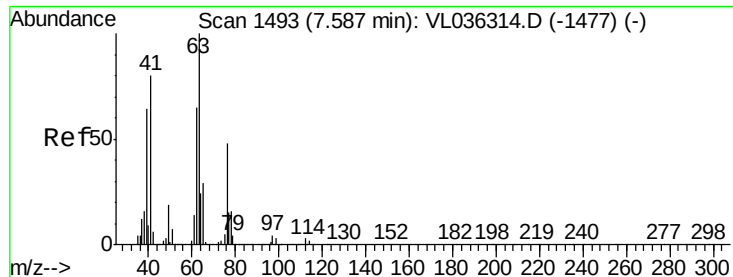


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

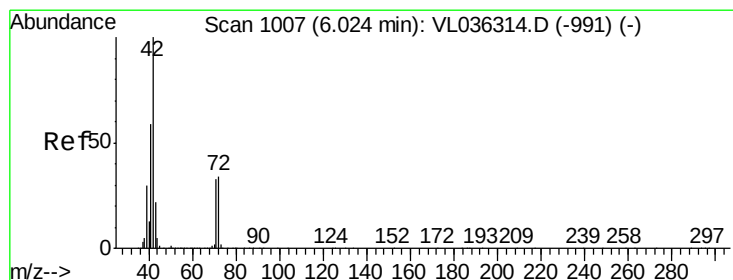
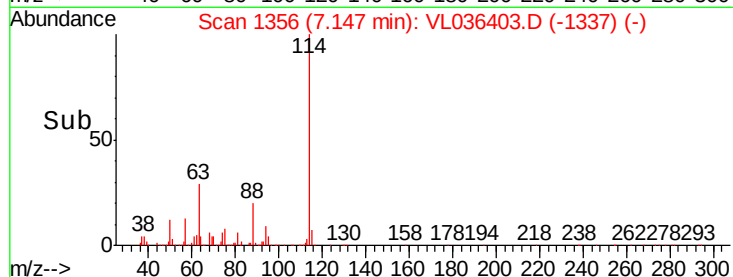
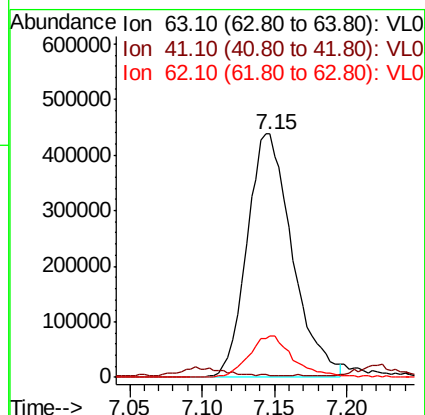
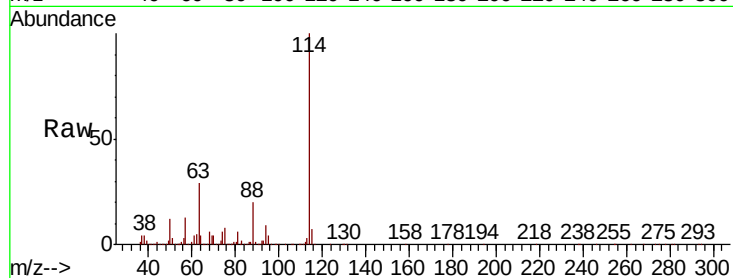




#39
 1,2-Dichloropropane
 Concen: 8.096 ppbv
 RT: 7.15 min Scan# 1356
 Delta R.T. -0.44 min
 Lab File: VL036403.D
 Acq: 26 Feb 2021 15:35

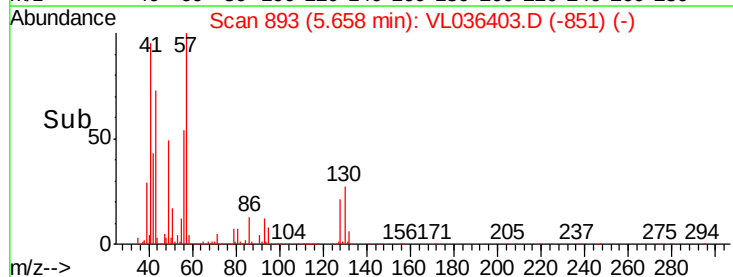
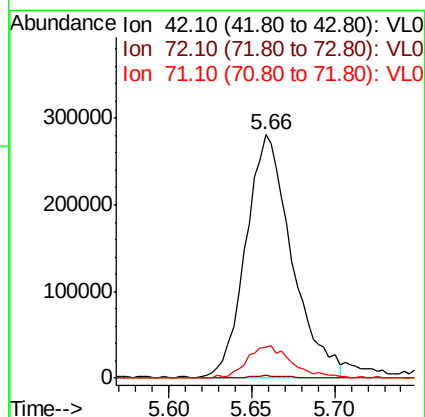
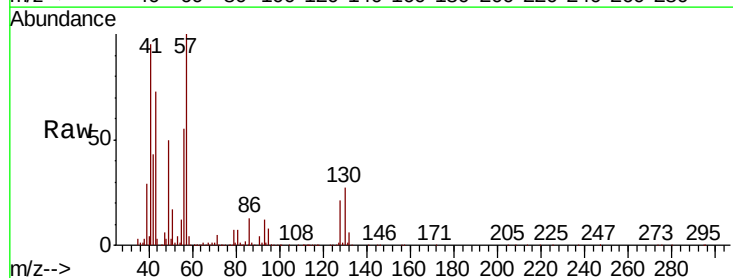
Instrument :
 MSVOA_L
 ClientSampleId :

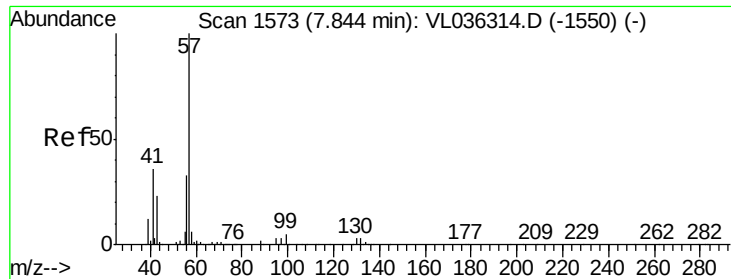
Tot Ion	Ratio	Lower	Upper
63	100		
41	0.0	63.8	95.6#
62	16.8	52.3	78.5#



#41
 Tetrahydrofuran
 Concen: 4.292 ppbv
 RT: 5.66 min Scan# 893
 Delta R.T. -0.37 min
 Lab File: VL036403.D
 Acq: 26 Feb 2021 15:35

Tgt Ion	Ratio	Lower	Upper
42	100		
72	1.0	29.3	43.9#
71	13.6	27.8	41.8#

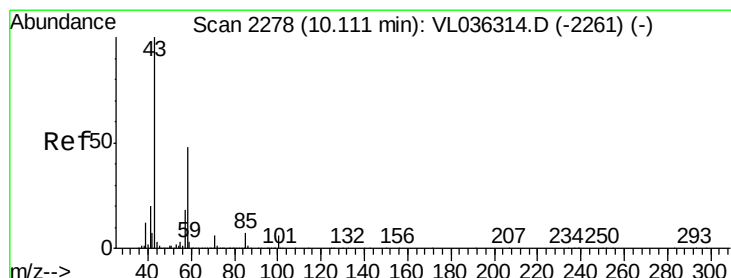
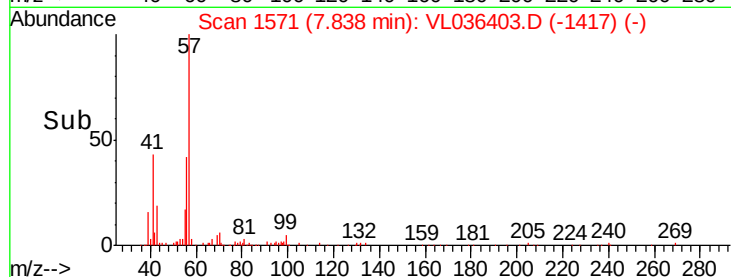
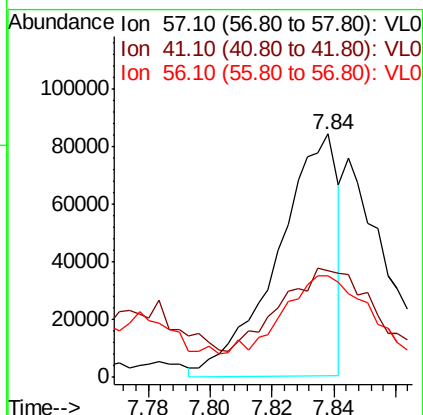
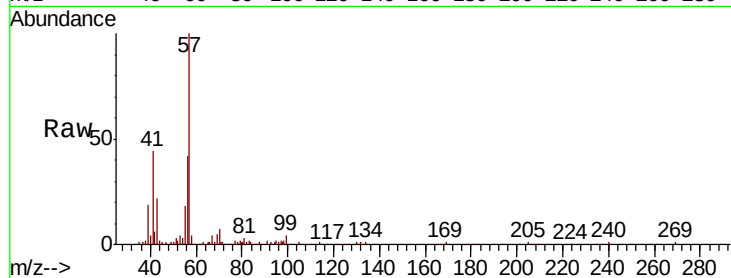




#44
 2,2,4-Trimethylpentane
 Concen: 0.216 ppbv
 RT: 7.84 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: VL036403.D
 Acq: 26 Feb 2021 15:35

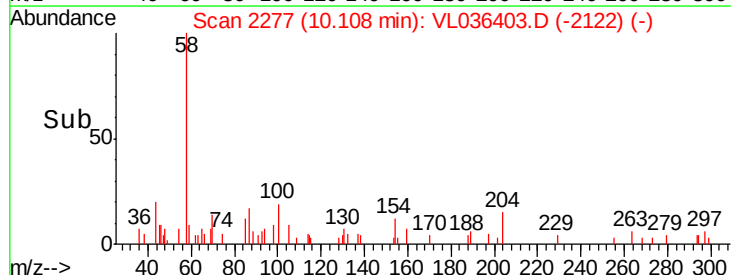
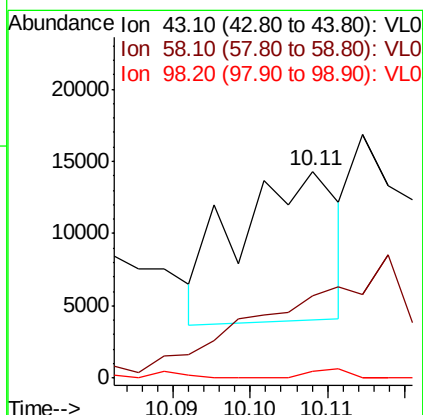
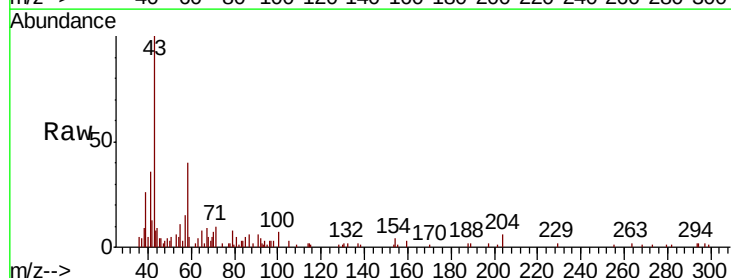
Instrument :
 MSVOA_L
 ClientSampleId :

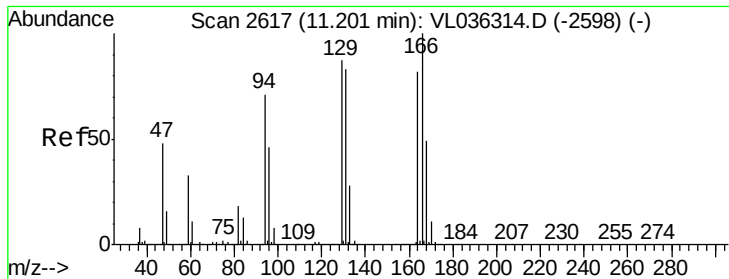
Tot Ion: 57 Resp: 113282
 Ion Ratio Lower Upper
 57 100
 41 80.5 28.8 43.2#
 56 75.9 25.8 38.6#



#51
 2-Hexanone
 Concen: 0.037 ppbv
 RT: 10.11 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: VL036403.D
 Acq: 26 Feb 2021 15:35

Tgt Ion: 43 Resp: 9411
 Ion Ratio Lower Upper
 43 100
 58 0.0 38.7 58.1#
 98 0.0 0.4 0.6#





#52

Tetrachloroethene

Concen: 0.218 ppbv

RT: 11.19 min Scan# 2613

Delta R.T. -0.01 min

Lab File: VL036403.D

Acq: 26 Feb 2021 15:35

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:164 Resp: 22984

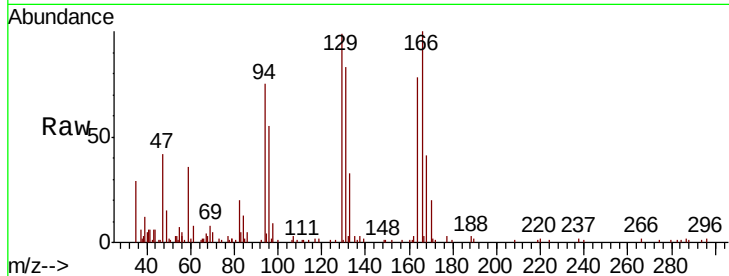
Ion Ratio Lower Upper

164 100

166 128.0 97.8 146.8

129 124.3 84.9 127.3

131 102.9 81.4 122.2

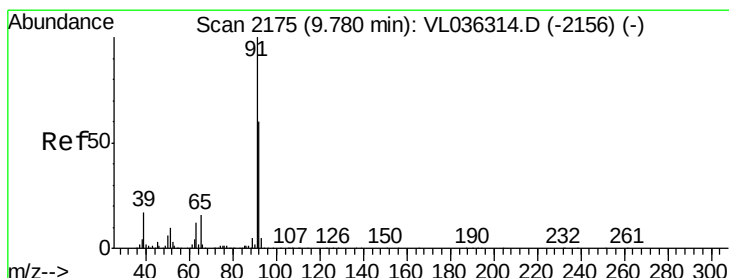
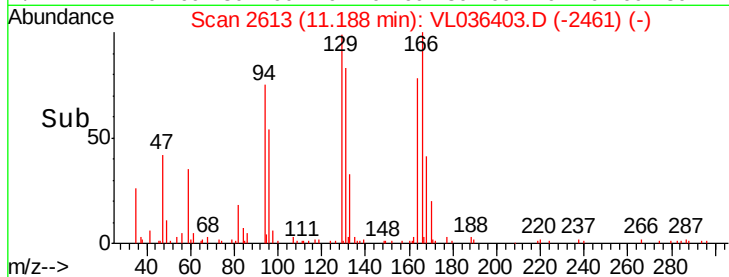
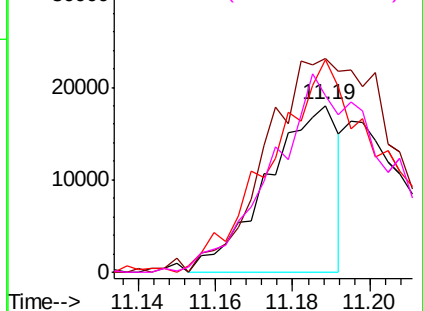


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#53

Toluene

Concen: 5.242 ppbv

RT: 9.77 min Scan# 2172

Delta R.T. -0.01 min

Lab File: VL036403.D

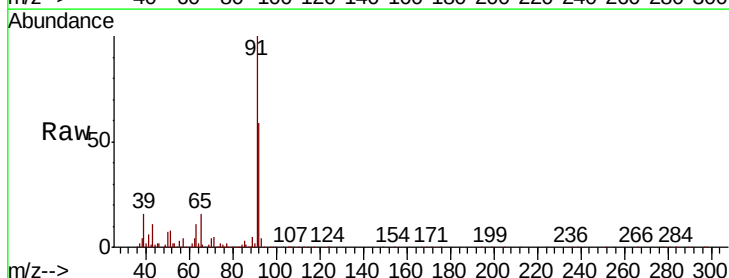
Acq: 26 Feb 2021 15:35

Tgt Ion: 91 Resp: 1636975

Ion Ratio Lower Upper

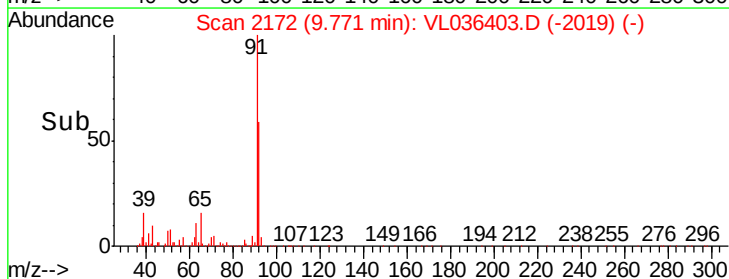
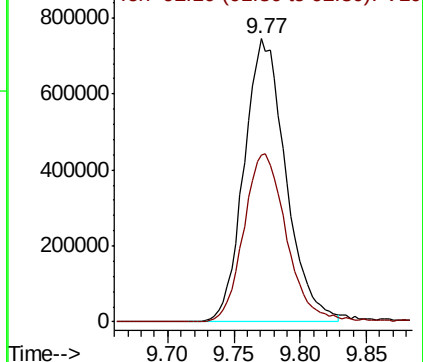
91 100

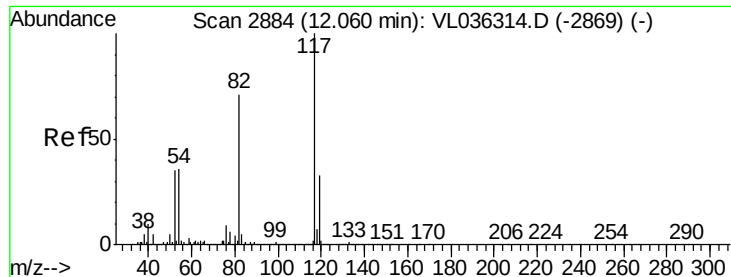
92 61.7 48.6 72.8



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

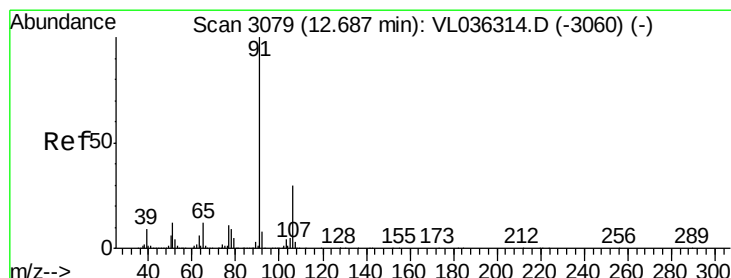
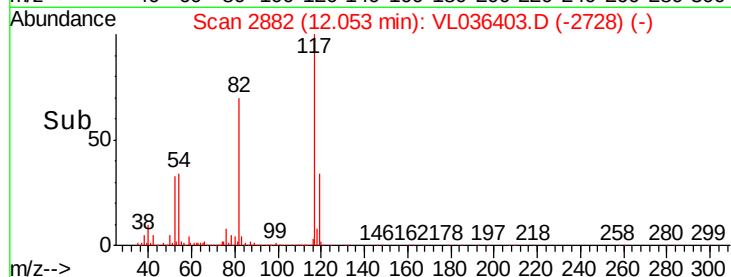
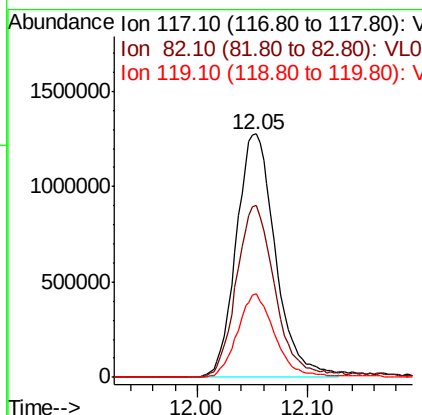
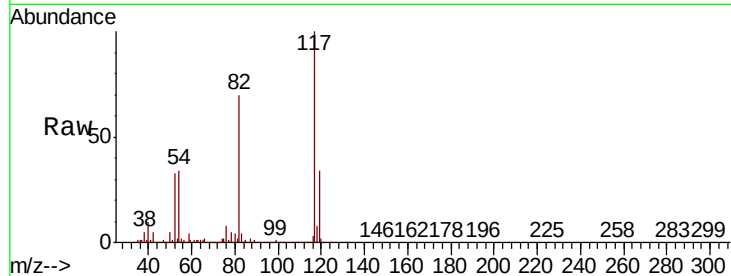




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05 min Scan# 2882
Delta R.T. -0.01 min
Lab File: VL036403.D
Acq: 26 Feb 2021 15:35

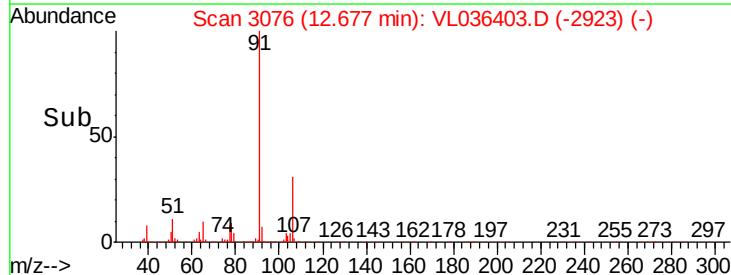
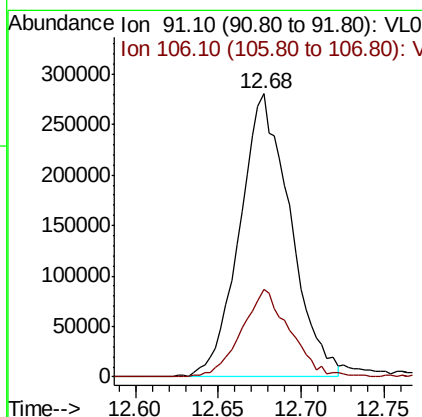
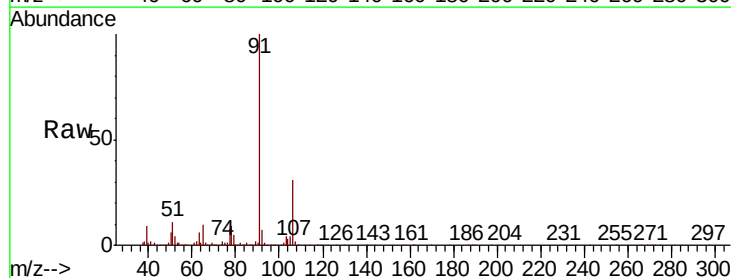
Instrument :
MSVOA_L
ClientSampleId :

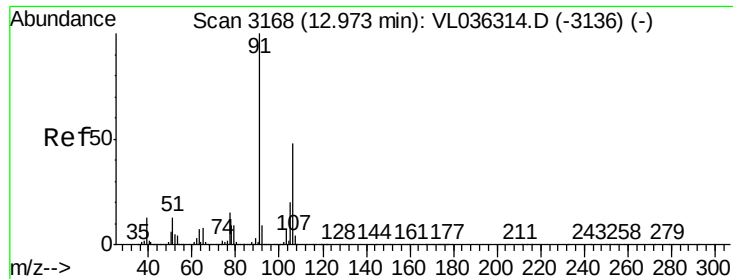
Tot Ion:117 Resp: 3144081
Ion Ratio Lower Upper
117 100
82 70.3 59.1 88.7
119 33.5 46.3 69.5#



#58
Ethyl Benzene
Concen: 1.364 ppbv
RT: 12.68 min Scan# 3076
Delta R.T. -0.01 min
Lab File: VL036403.D
Acq: 26 Feb 2021 15:35

Tgt Ion: 91 Resp: 587060
Ion Ratio Lower Upper
91 100
106 30.9 23.8 35.6





#59

m/p-Xylene

Concen: 3.681 ppbv

RT: 12.93 min Scan# 3155

Delta R.T. -0.04 min

Lab File: VL036403.D

Acq: 26 Feb 2021 15:35

Instrument :

MSVOA_L

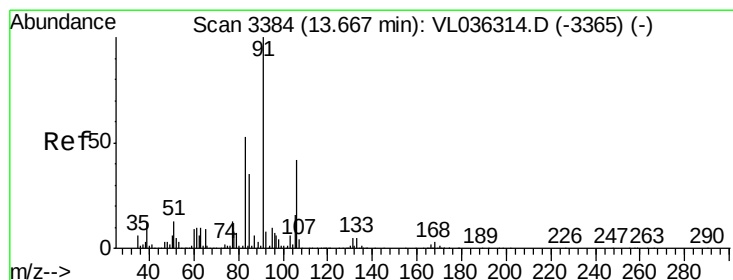
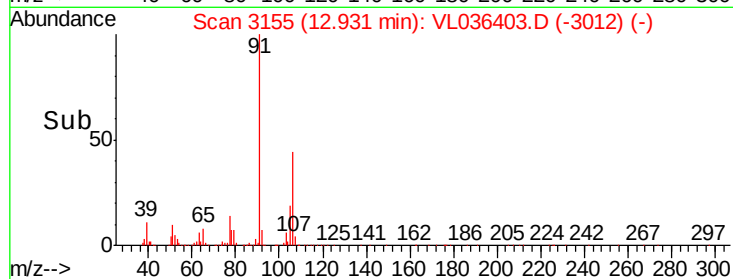
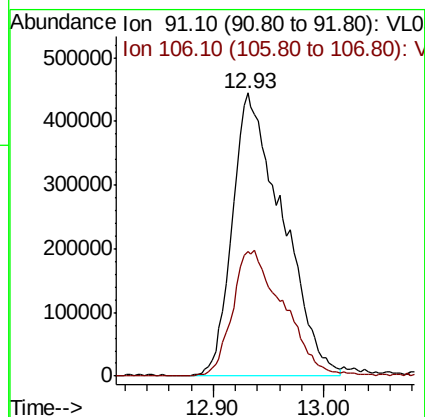
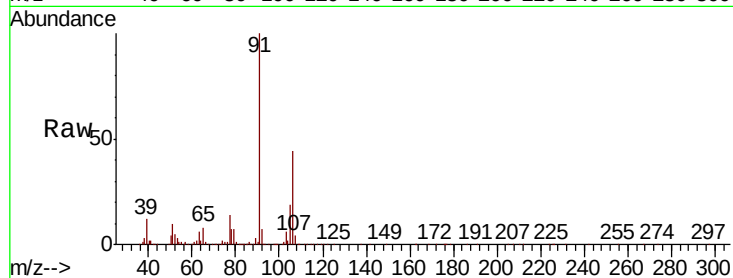
ClientSampleId :

Tot Ion: 91 Resp: 1391857

Ion Ratio Lower Upper

91 100

106 45.6 34.2 51.2



#60

o-Xylene

Concen: 1.580 ppbv

RT: 13.66 min Scan# 3381

Delta R.T. -0.01 min

Lab File: VL036403.D

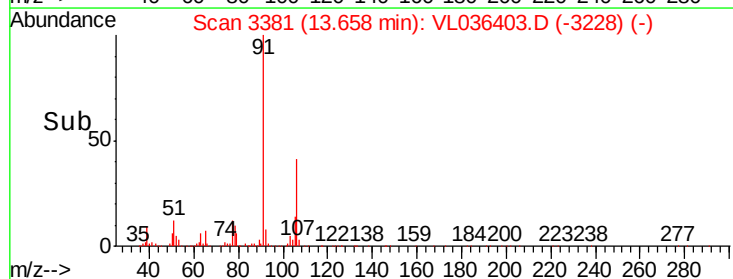
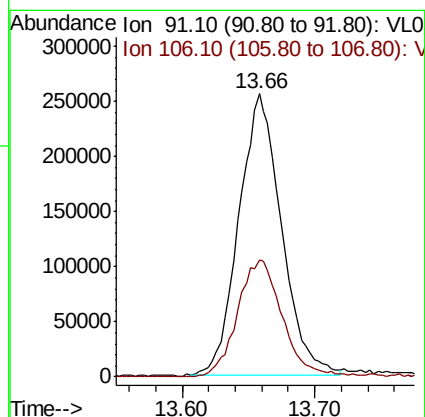
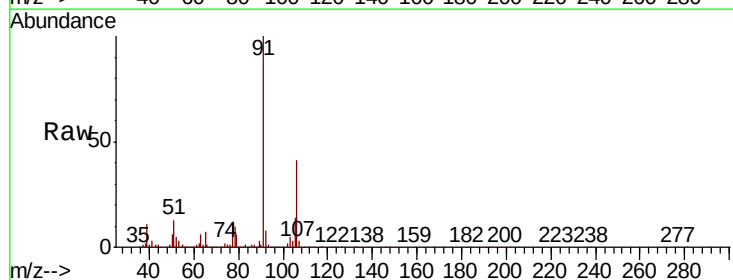
Acq: 26 Feb 2021 15:35

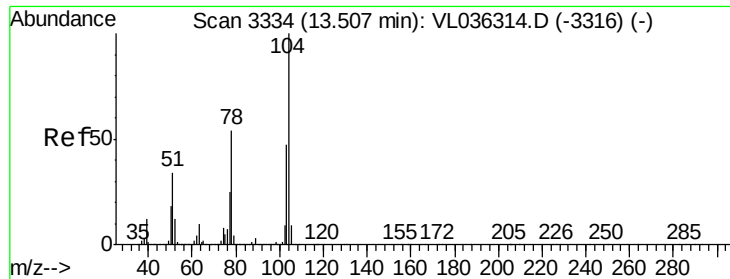
Tgt Ion: 91 Resp: 571165

Ion Ratio Lower Upper

91 100

106 44.2 22.0 66.0





#61

Stvrene

Concen: 2.360 ppbv

RT: 13.50 min Scan# 3331

Delta R.T. -0.01 min

Lab File: VL036403.D

Acq: 26 Feb 2021 15:35

Instrument :

MSVOA_L

ClientSampleId :

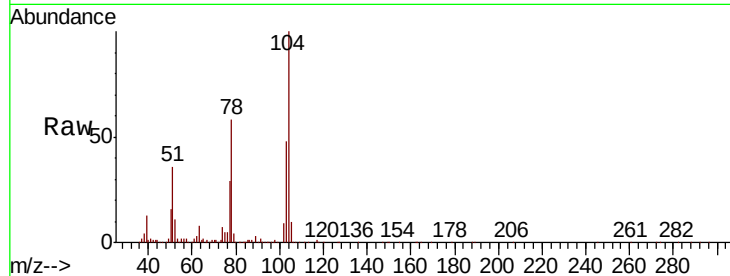
Tot Ion:104 Resp: 528892

Ion Ratio Lower Upper

104 100

78 56.1 46.2 69.2

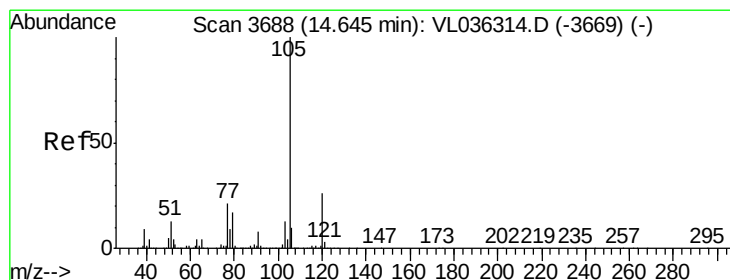
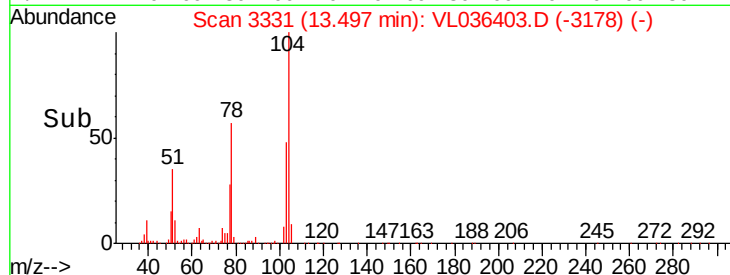
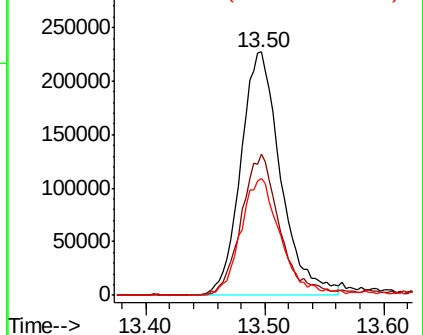
103 49.1 38.3 57.5



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 0.077 ppbv

RT: 14.64 min Scan# 3685

Delta R.T. -0.01 min

Lab File: VL036403.D

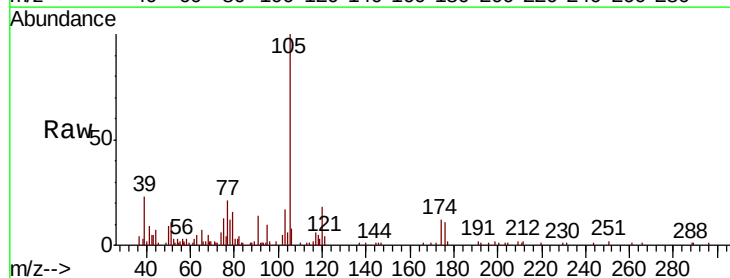
Acq: 26 Feb 2021 15:35

Tgt Ion:105 Resp: 41849

Ion Ratio Lower Upper

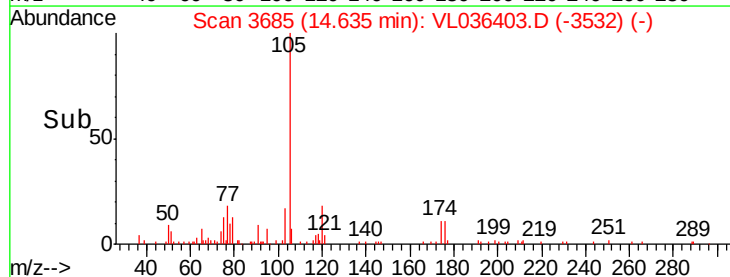
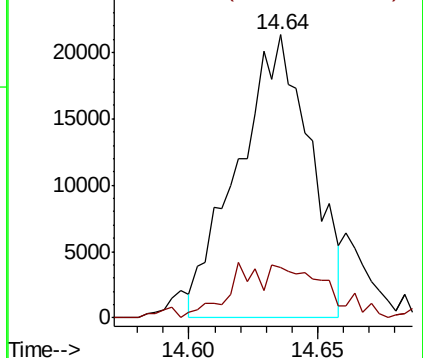
105 100

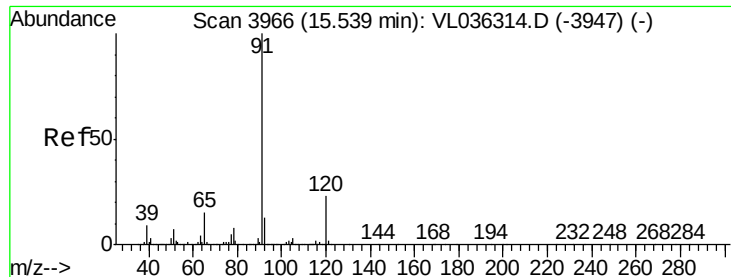
120 24.3 20.6 30.8



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

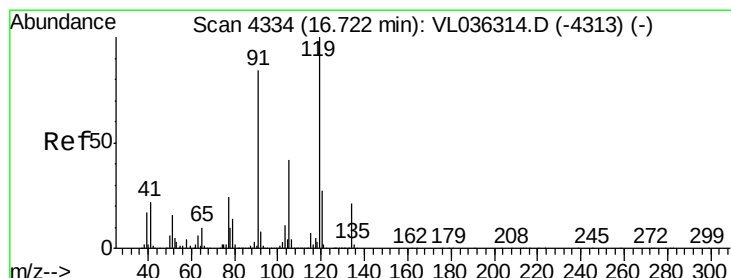
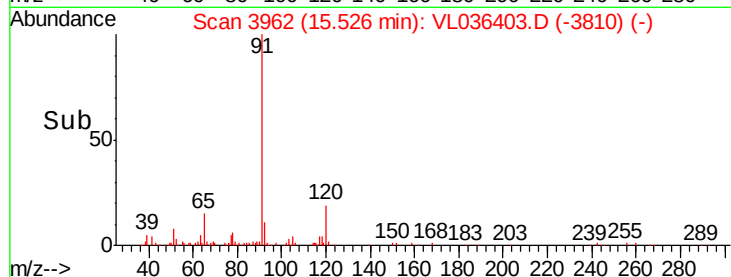
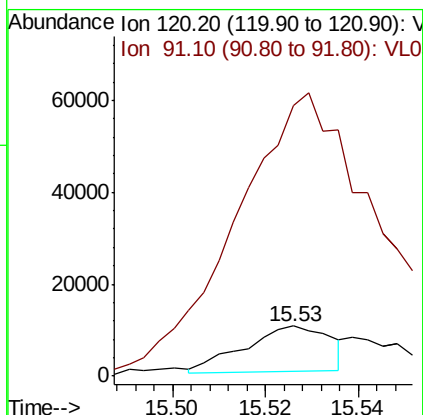
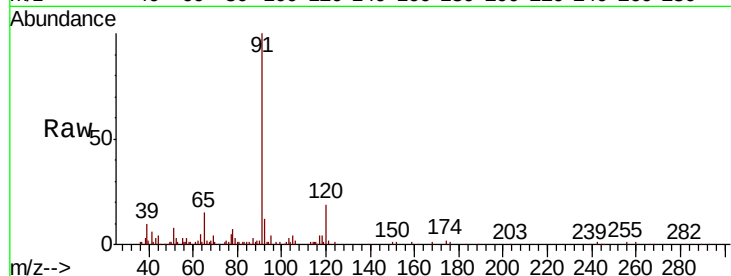




#64
n-propylbenzene
Concen: 0.095 ppbv
RT: 15.53 min Scan# 3962
Delta R.T. -0.01 min
Lab File: VL036403.D
Acq: 26 Feb 2021 15:35

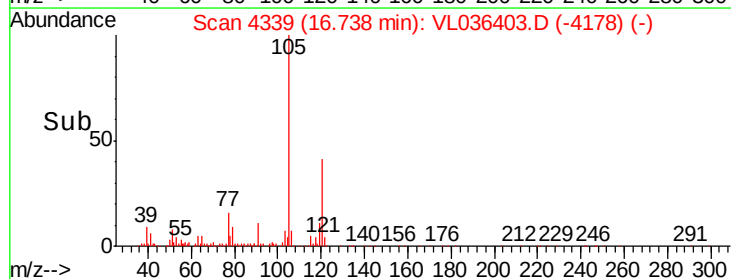
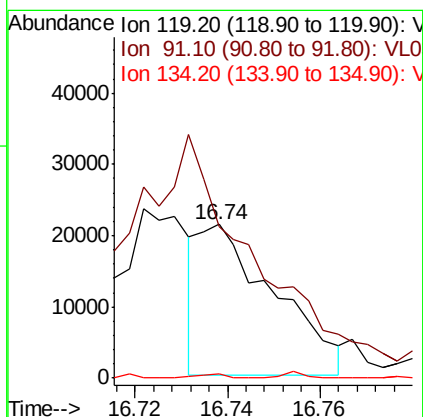
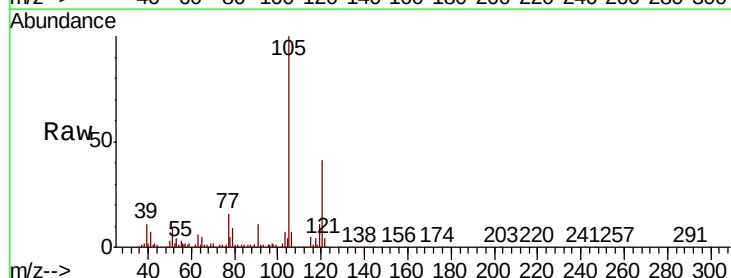
Instrument :
MSVOA_L
ClientSampleId :

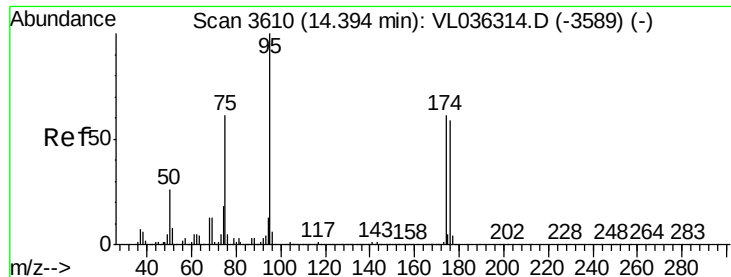
Tot Ion:120 Resp: 12709
Ion Ratio Lower Upper
120 100
91 1095.9 387.2 580.8#



#65
tert-Butylbenzene
Concen: 0.051 ppbv
RT: 16.74 min Scan# 4339
Delta R.T. 0.02 min
Lab File: VL036403.D
Acq: 26 Feb 2021 15:35

Tgt Ion:119 Resp: 23862
Ion Ratio Lower Upper
119 100
91 298.3 70.5 105.7#
134 0.0 15.8 23.8#

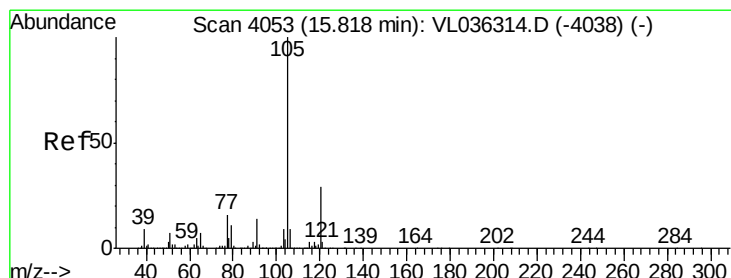
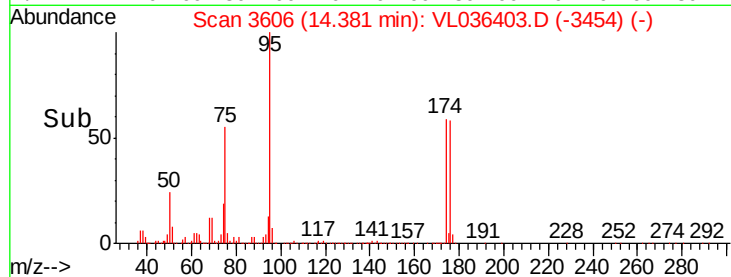
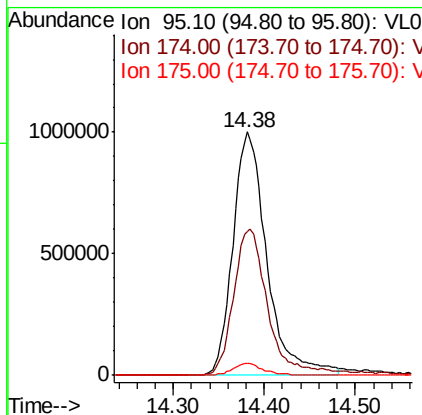
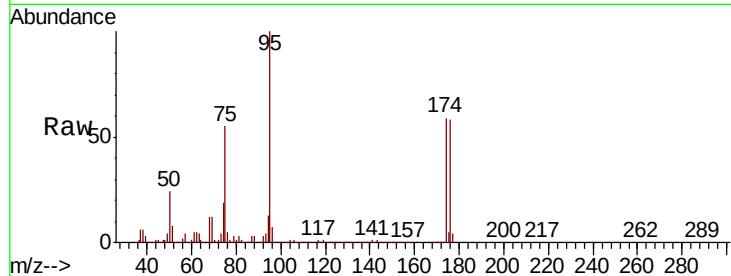




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.059 ppbv
 RT: 14.38 min Scan# 3606
 Delta R.T. -0.01 min
 Lab File: VL036403.D
 Acq: 26 Feb 2021 15:35

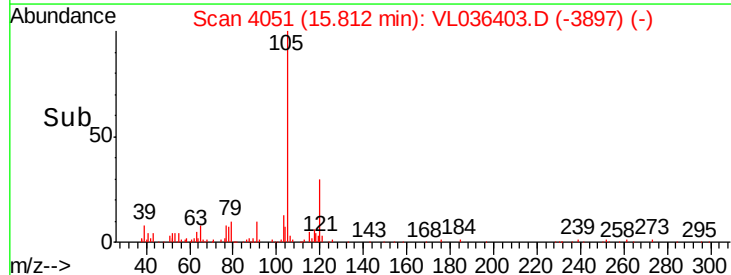
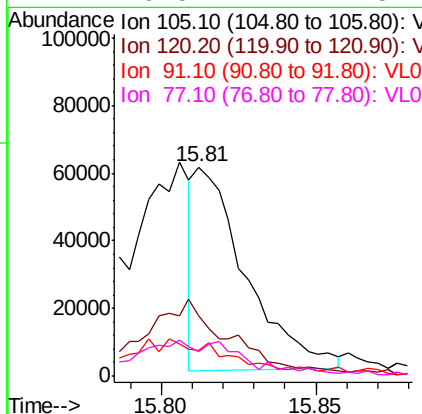
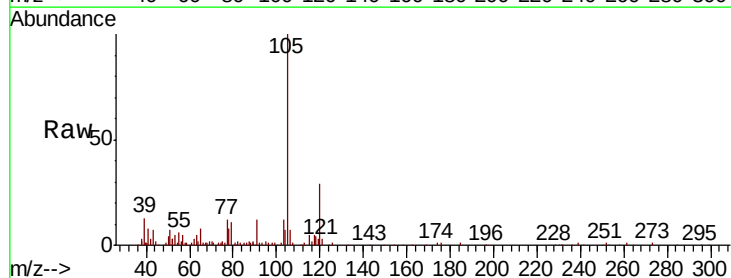
Instrument :
 MSVOA_L
 ClientSampleId :

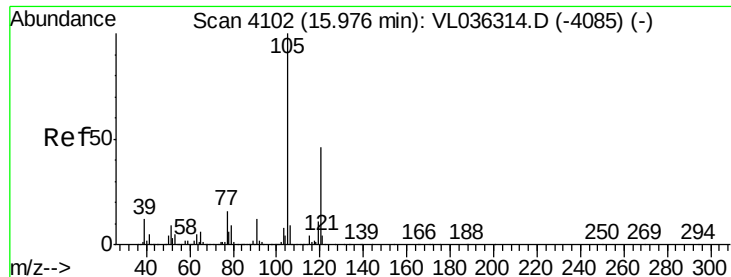
Tot Ion: 95 Resp: 2602235
 Ion Ratio Lower Upper
 95 100
 174 62.7 49.8 74.6
 175 4.7 3.7 5.5



#72
 4-Ethyltoluene
 Concen: 0.171 ppbv
 RT: 15.81 min Scan# 4051
 Delta R.T. -0.01 min
 Lab File: VL036403.D
 Acq: 26 Feb 2021 15:35

Tgt Ion: 105 Resp: 68770
 Ion Ratio Lower Upper
 105 100
 120 63.4 23.2 34.8#
 91 0.0 11.0 16.4#
 77 0.0 12.2 18.4#





#73

1,3,5-Trimethylbenzene

Concen: 0.374 ppbv

RT: 15.96 min Scan# 4097

Delta R.T. -0.02 min

Lab File: VL036403.D

Acq: 26 Feb 2021 15:35

Instrument :

MSVOA_L

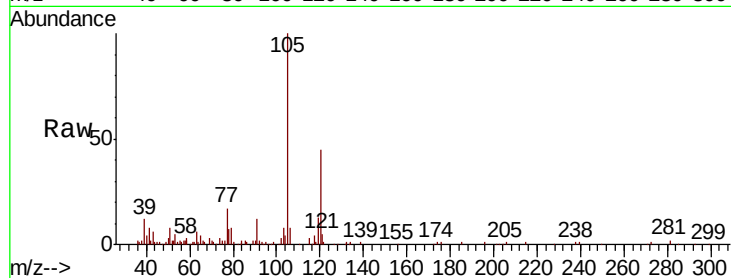
ClientSampleId :

Tot Ion:105 Resp: 145729

Ion Ratio Lower Upper

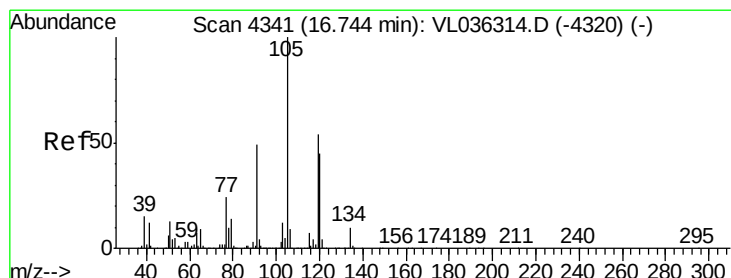
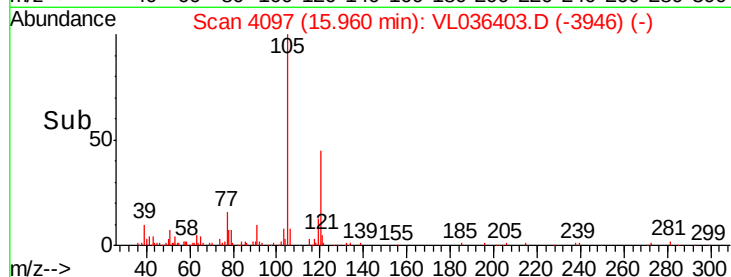
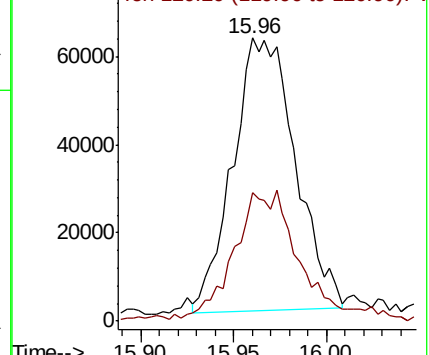
105 100

120 45.3 36.9 55.3



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: 1.314 ppbv

RT: 16.73 min Scan# 4336

Delta R.T. -0.02 min

Lab File: VL036403.D

Acq: 26 Feb 2021 15:35

Tgt Ion:105 Resp: 523075

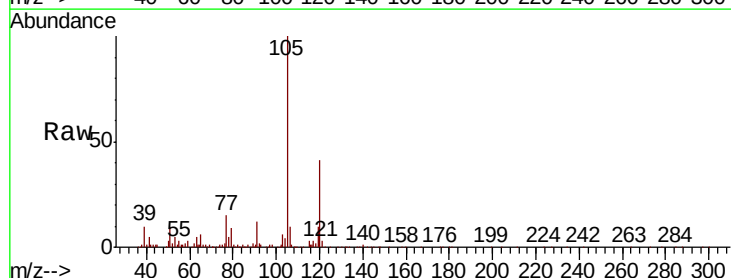
Ion Ratio Lower Upper

105 100

120 40.7 35.8 53.6

91 11.5 39.8 59.6#

77 13.9 19.1 28.7#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

