

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022521\
 Data File : VL036382.D
 Acq On : 25 Feb 2021 15:39
 Operator : SY/AP
 Sample : M1463-13
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Feb 26 00:36:08 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	5.66	49	1651331	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.17	114	3662554	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.08	117	3363176	10.00	ppbv	0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2678199	9.68	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	35547	0.144	ppbv	98
3) Chlorodifluoromethane	2.98	51	89669	0.437	ppbv #	86
4) Chloromethane	3.13	50	136447	1.377	ppbv	92
5) Vinyl Chloride	3.13	62	9293	0.101	ppbv #	80
9) Propene	3.01	41	454120	5.936	ppbv #	75
10) Heptane	8.11	43	477333	2.117	ppbv	99
11) Trichlorofluoromethane	3.94	101	43642	0.181	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.47	101	6165	0.041	ppbv #	1
13) Ethanol	3.62	45	7316800	509.221	ppbv	89
15) Acetone	3.84	43	3490864	17.294	ppbv	98
16) 1,3-Butadiene	3.30	39	102369	1.061	ppbv #	40
17) tert-Butyl alcohol	4.31	59	37742	0.241	ppbv #	71
19) Isopropyl Alcohol	3.98	45	6805368	60.853	ppbv #	97
20) Methylene Chloride	4.34	84	116353	1.787	ppbv	92
21) Allyl Chloride	4.36	41	13876	0.123	ppbv #	1
23) Vinyl Acetate	5.05	43	274220	1.155	ppbv #	1
25) Ethyl Acetate	5.68	43	774981	1.989	ppbv #	84
26) Hexane	5.68	57	838242	5.235	ppbv #	45
27) Carbon Disulfide	4.54	76	108690	0.739	ppbv #	92
30) Cyclohexane	7.12	84	84229	0.633	ppbv	86
31) cis-1,2-Dichloroethene	5.54	61	10186	0.064	ppbv #	84
34) 2-Butanone	5.24	43	211474	0.869	ppbv	98
35) Carbon Tetrachloride	7.01	117	8053	0.033	ppbv #	63
36) Benzene	6.88	78	216610	0.696	ppbv #	91
38) Trichloroethene	7.83	130	3370	0.030	ppbv #	53
39) 1,2-Dichloropropane	7.17	63	512623	4.056	ppbv #	23
41) Tetrahydrofuran	6.30	42	65613	0.483	ppbv #	39
42) Bromodichloromethane	7.78	83	25836	0.100	ppbv #	31
44) 2,2,4-Trimethylpentane	7.86	57	2476199	4.377	ppbv #	90
51) 2-Hexanone	10.10	43	40140	0.146	ppbv #	61
53) Toluene	9.80	91	3584915	10.638	ppbv	98
58) Ethyl Benzene	12.70	91	936146	2.033	ppbv	97
59) m/p-Xylene	12.96	91	2487327	6.149	ppbv	96
60) o-Xylene	13.68	91	923157	2.387	ppbv	99
62) Isopropylbenzene	14.67	105	28451	0.049	ppbv #	49
64) n-propylbenzene	15.56	120	13319	0.093	ppbv #	1
65) tert-Butylbenzene	16.75	119	59394	0.120	ppbv #	1
69) p-Isopropyltoluene	17.64	119	32421	0.059	ppbv #	91
70) n-Butylbenzene	18.55	91	18053	0.030	ppbv #	1
72) 4-Ethyltoluene	15.83	105	278314	0.647	ppbv	96
73) 1,3,5-Trimethylbenzene	16.00	105	66567	0.160	ppbv	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022521\
Data File : VL036382.D
Acq On : 25 Feb 2021 15:39
Operator : SY/AP
Sample : M1463-13
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Feb 26 00:36:08 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

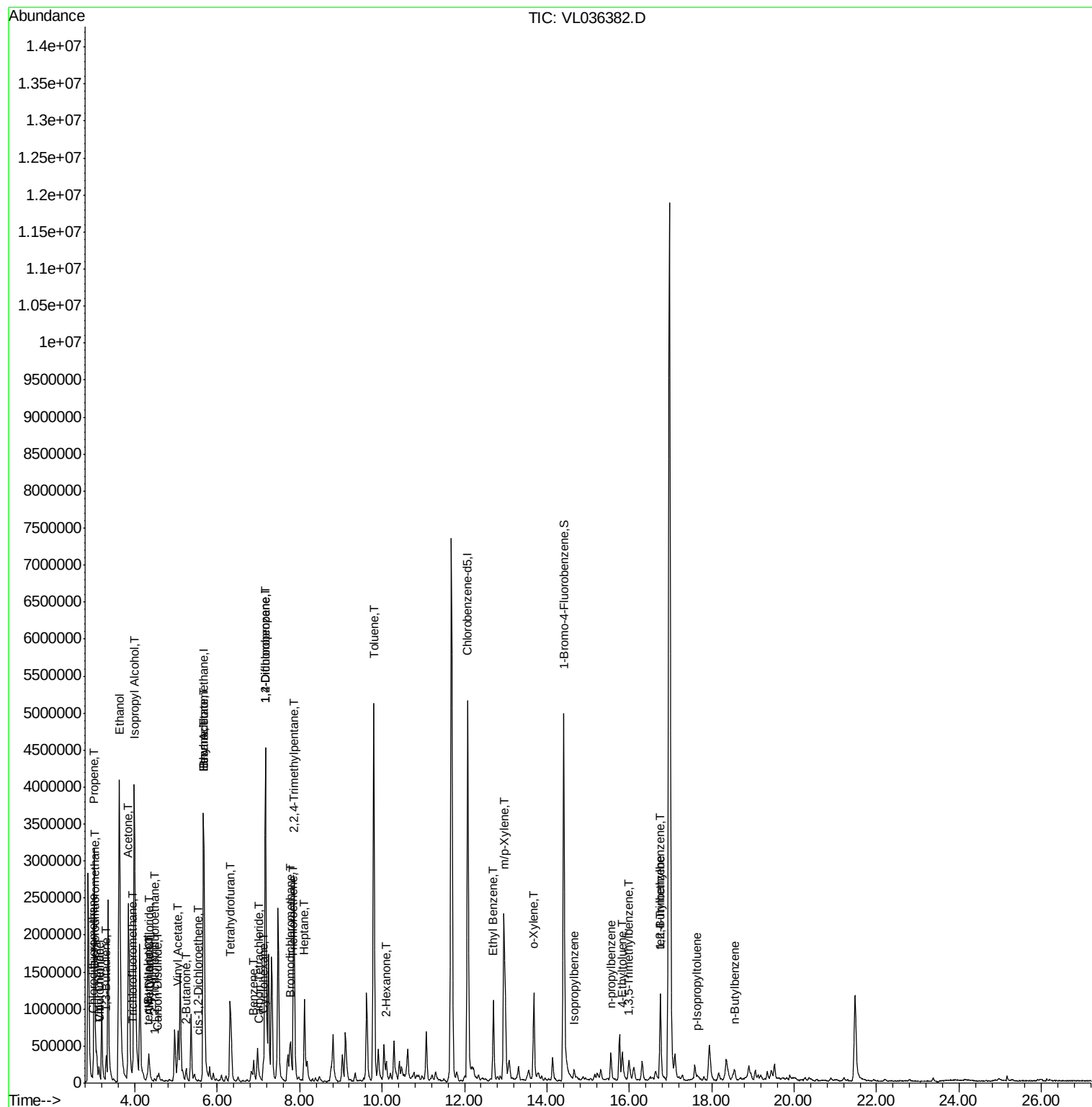
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) 1,2,4-Trimethylbenzene	16.75	105	875368	2.055	ppbv	# 73

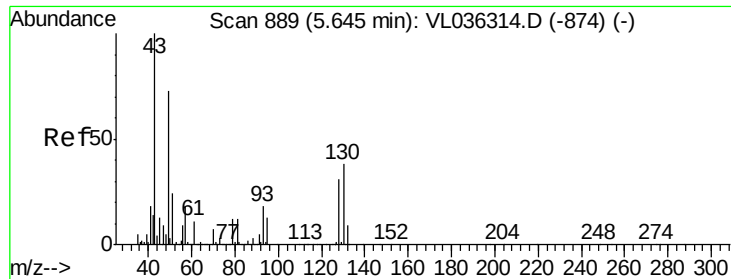
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022521\
Data File : VL036382.D
Acq On : 25 Feb 2021 15:39
Operator : SY/AP
Sample : M1463-13
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Feb 26 00:36:08 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb 10 16:04:02 2021
QLast Update : Wed Feb 10 16:04:02 2021
Response via : Initial Calibration

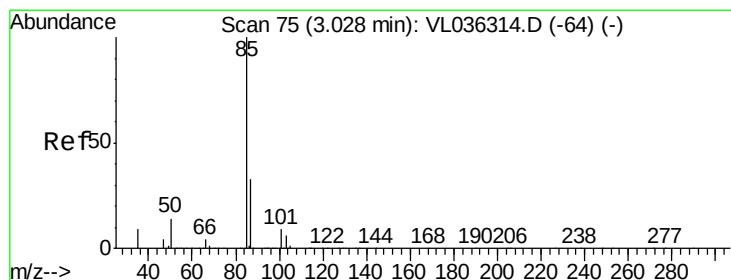
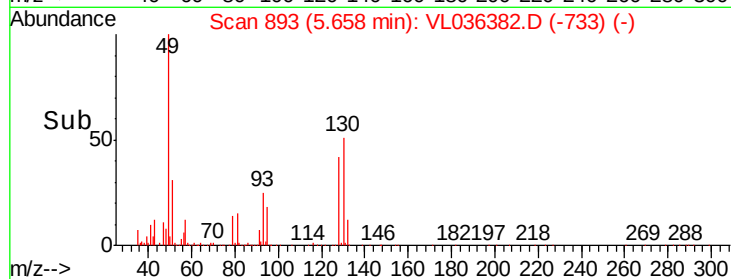
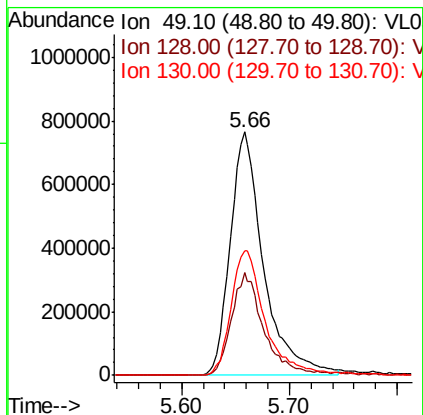
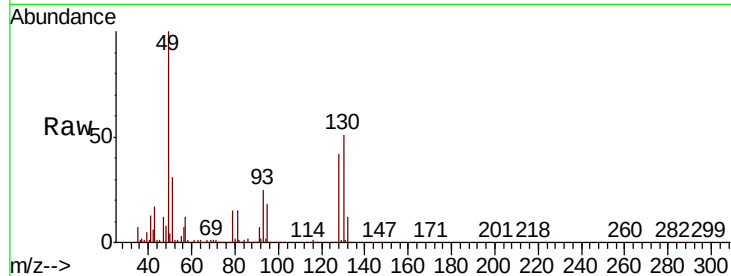




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66 min Scan# 893
 Delta R.T. 0.01 min
 Lab File: VL036382.D
 Acq: 25 Feb 2021 15:39

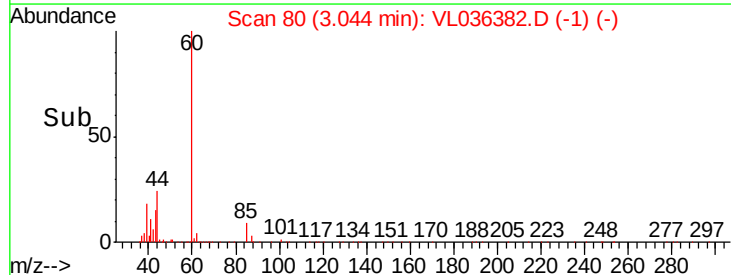
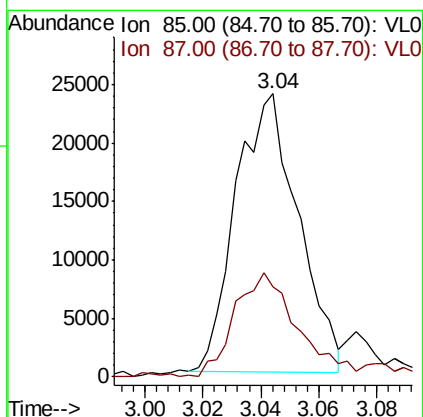
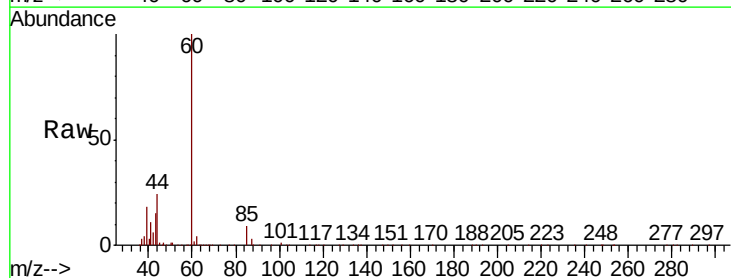
Instrument :
 MSVOA_L
 ClientSampleId :

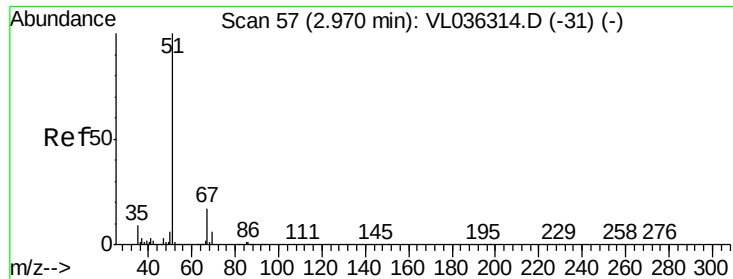
Tot Ion: 49 Resp: 1651331
 Ion Ratio Lower Upper
 49 100
 128 42.1 20.8 62.5
 130 53.0 26.7 80.1



#2
 Dichlorodifluoromethane
 Concen: 0.144 ppbv
 RT: 3.04 min Scan# 80
 Delta R.T. 0.02 min
 Lab File: VL036382.D
 Acq: 25 Feb 2021 15:39

Tgt Ion: 85 Resp: 35547
 Ion Ratio Lower Upper
 85 100
 87 31.7 26.5 39.7





#3

Chlorodifluoromethane

Concen: 0.437 ppbv

RT: 2.98 min Scan# 60

Delta R.T. 0.01 min

Lab File: VL036382.D

Acq: 25 Feb 2021 15:39

Instrument :

MSVOA_L

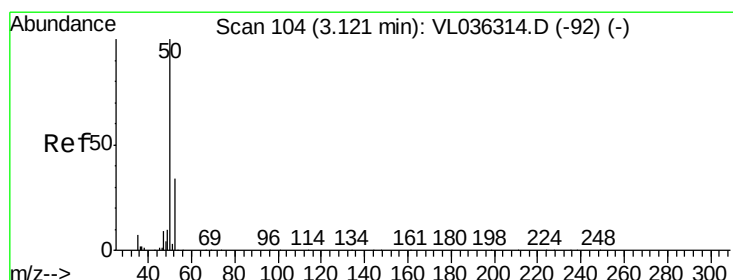
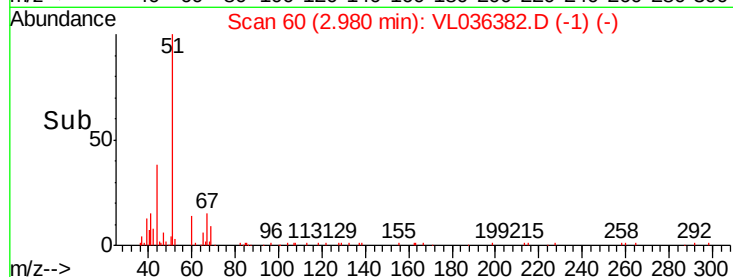
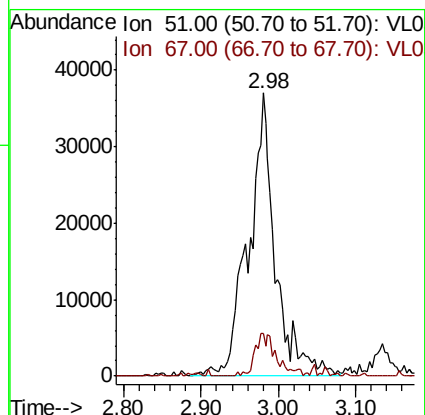
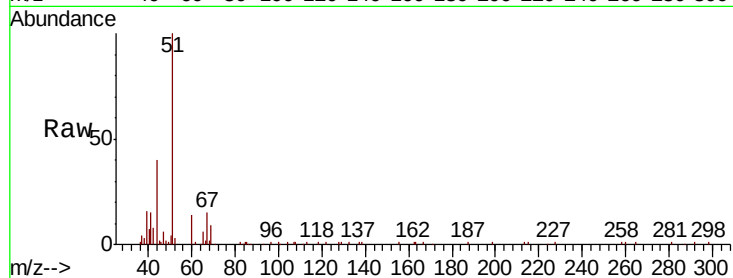
ClientSampleId :

Tot Ion: 51 Resp: 89669

Ion Ratio Lower Upper

51 100

67 12.0 14.7 22.1#



#4

Chloromethane

Concen: 1.377 ppbv

RT: 3.13 min Scan# 107

Delta R.T. 0.01 min

Lab File: VL036382.D

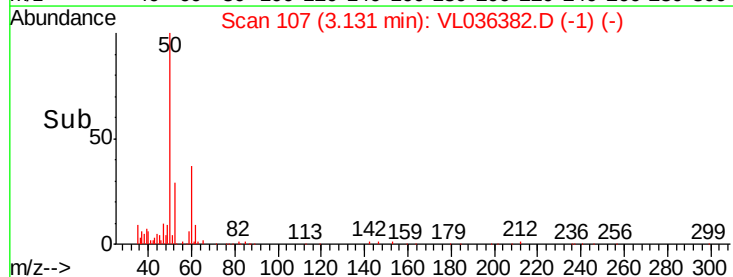
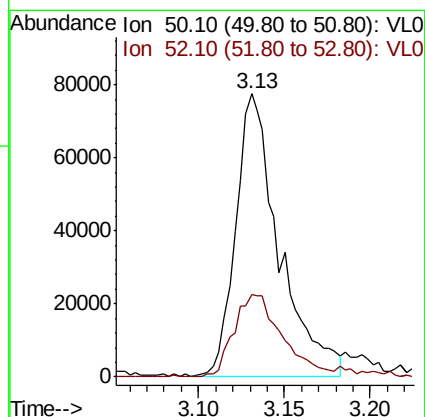
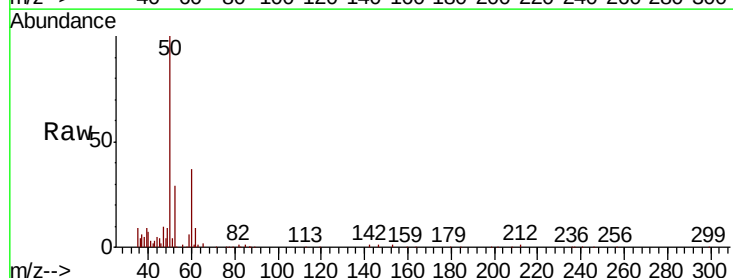
Acq: 25 Feb 2021 15:39

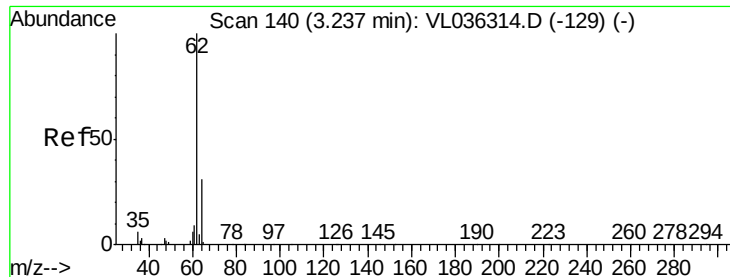
Tgt Ion: 50 Resp: 136447

Ion Ratio Lower Upper

50 100

52 29.0 27.0 40.4





#5

Vinyl Chloride

Concen: 0.101 ppbv

RT: 3.13 min Scan# 108

Delta R.T. -0.10 min

Lab File: VL036382.D

Acq: 25 Feb 2021 15:39

Instrument :

MSVOA_L

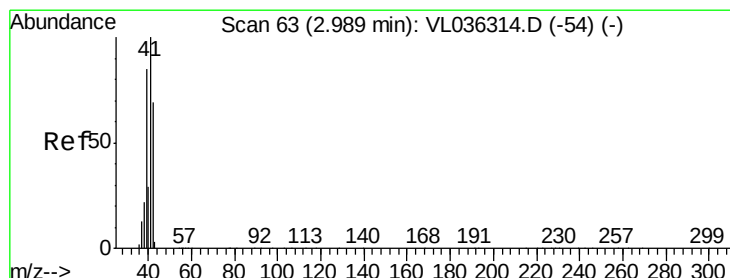
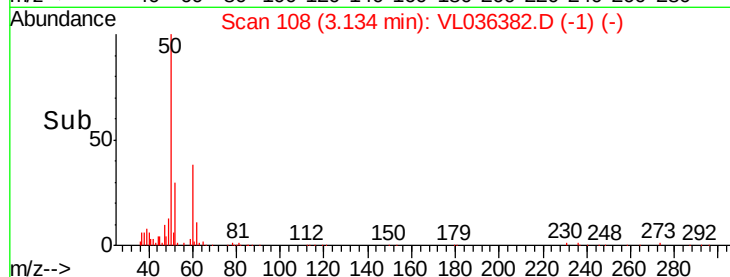
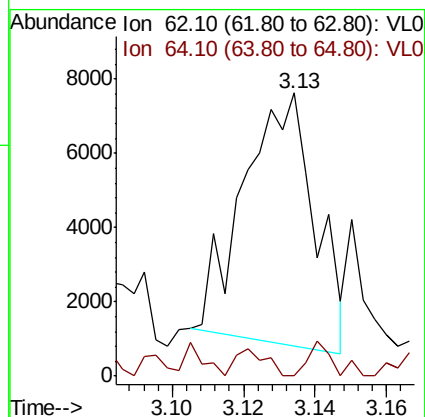
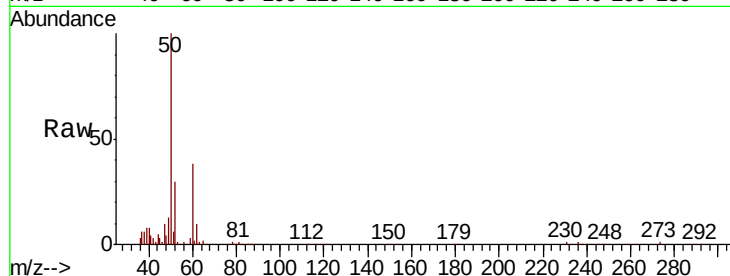
ClientSampleId :

Tot Ion: 62 Resp: 9293

Ion Ratio Lower Upper

62 100

64 19.7 24.4 36.6#



#9

Propene

Concen: 5.936 ppbv

RT: 3.01 min Scan# 70

Delta R.T. 0.02 min

Lab File: VL036382.D

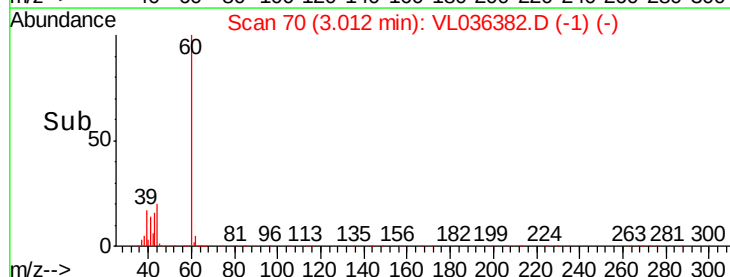
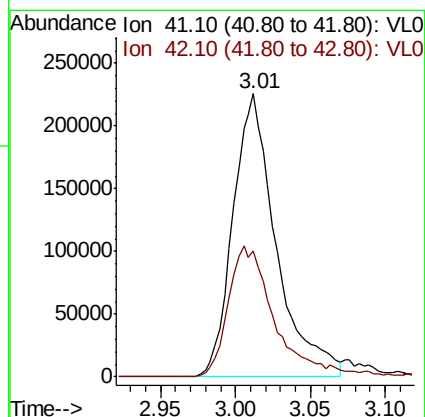
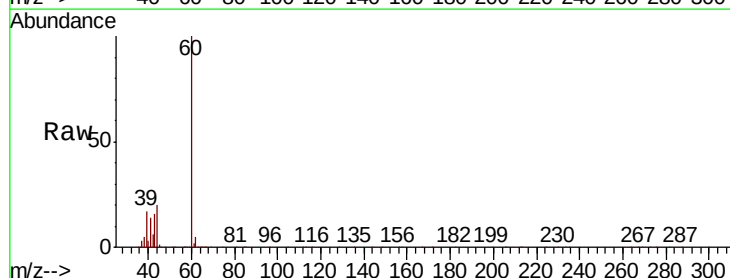
Acq: 25 Feb 2021 15:39

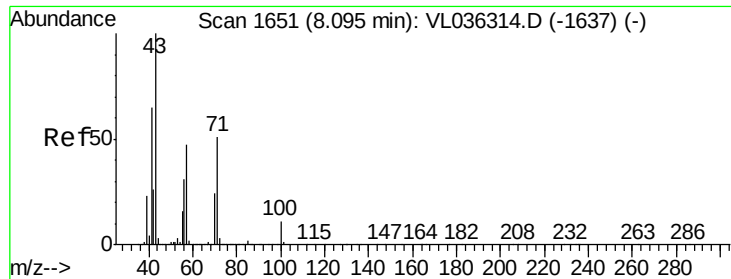
Tgt Ion: 41 Resp: 454120

Ion Ratio Lower Upper

41 100

42 50.0 56.2 84.2#

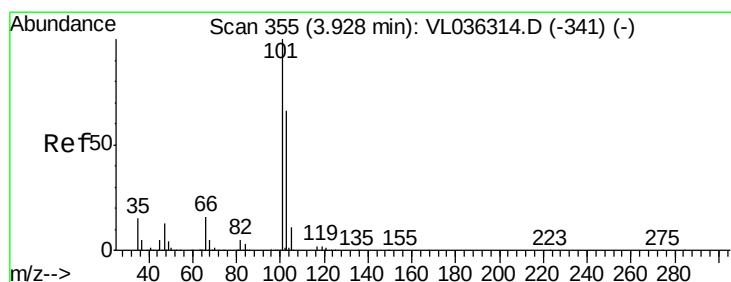
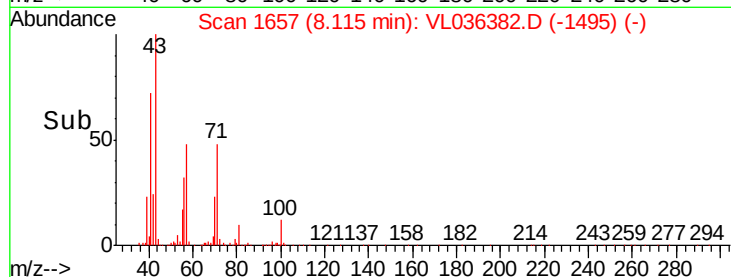
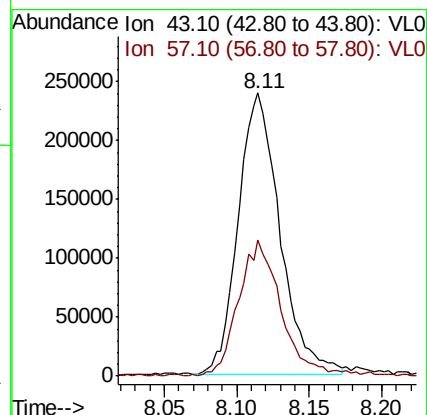
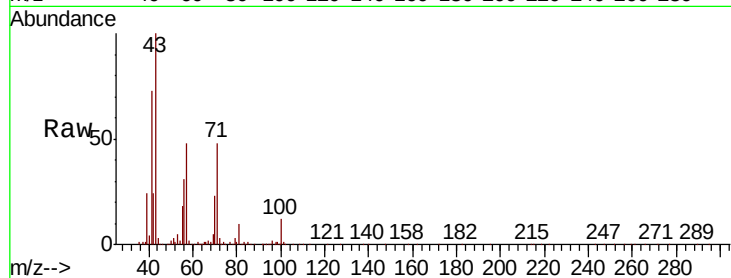




#10
 Heptane
 Concen: 2.117 ppbv
 RT: 8.11 min Scan# 1657
 Delta R.T. 0.02 min
 Lab File: VL036382.D
 Acq: 25 Feb 2021 15:39

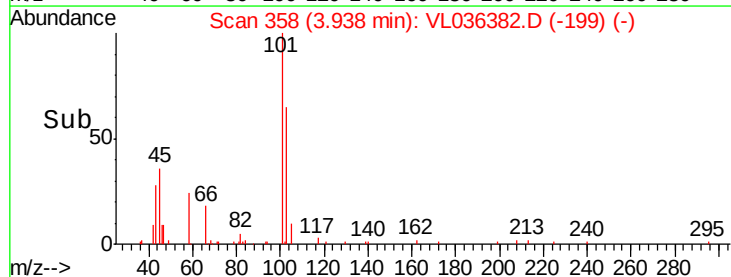
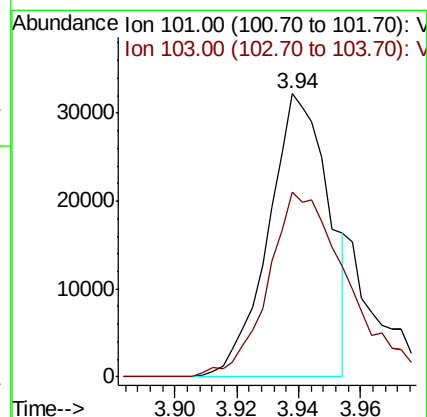
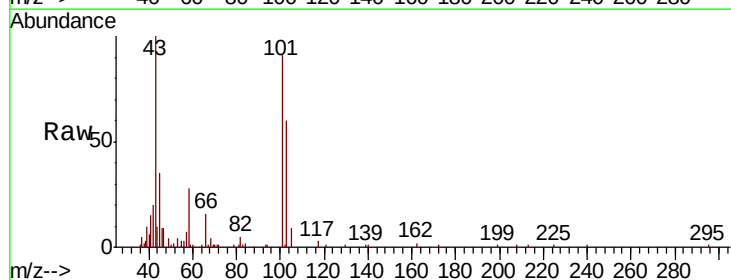
Instrument :
 MSVOA_L
 ClientSampleId :

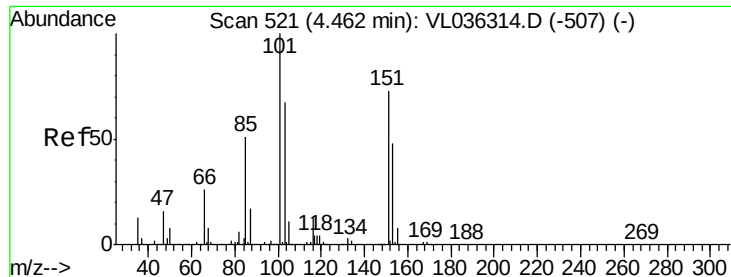
Tot Ion: 43 Resp: 477333
 Ion Ratio Lower Upper
 43 100
 57 49.9 39.4 59.2



#11
 Trichlorofluoromethane
 Concen: 0.181 ppbv
 RT: 3.94 min Scan# 358
 Delta R.T. 0.01 min
 Lab File: VL036382.D
 Acq: 25 Feb 2021 15:39

Tgt Ion: 101 Resp: 43642
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.9 79.3





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.041 ppbv

RT: 4.47 min Scan# 525

Delta R.T. 0.01 min

Lab File: VL036382.D

Acq: 25 Feb 2021 15:39

Instrument :

MSVOA_L

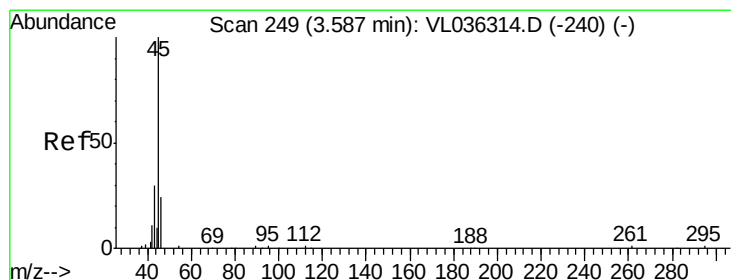
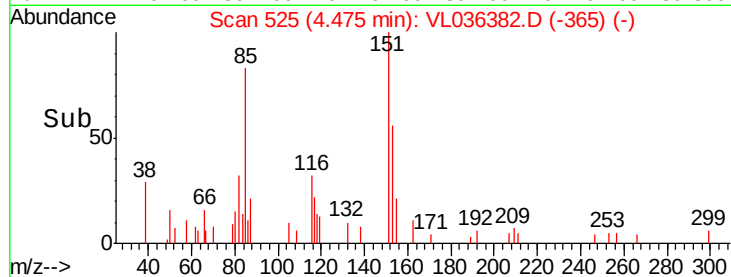
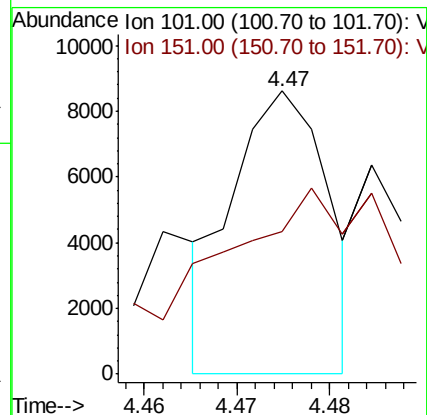
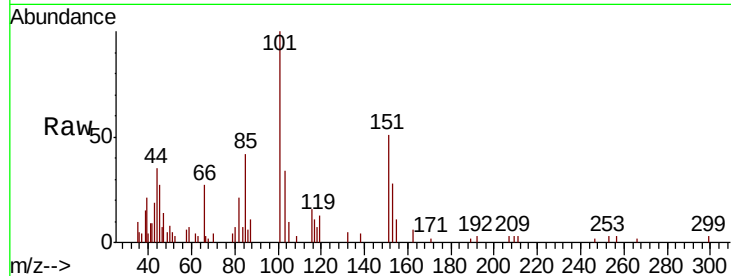
ClientSampleId :

Tot Ion:101 Resp: 6165

Ion Ratio Lower Upper

101 100

151 178.0 58.2 87.4#



#13

Ethanol

Concen: 509.221 ppbv

RT: 3.62 min Scan# 259

Delta R.T. 0.03 min

Lab File: VL036382.D

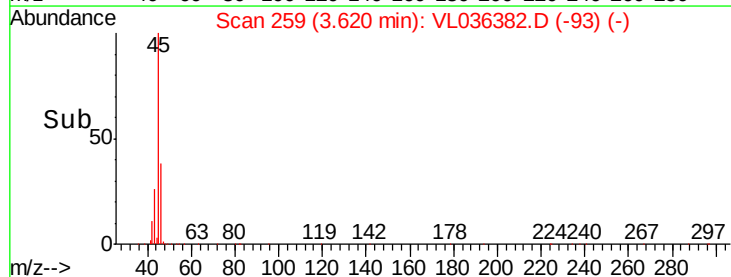
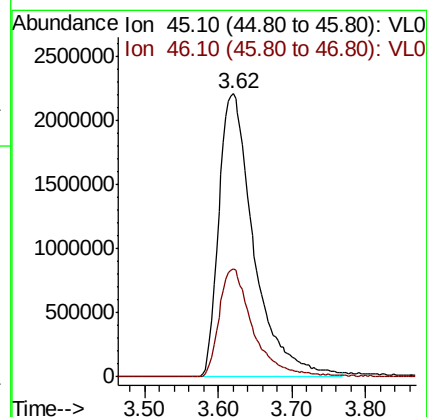
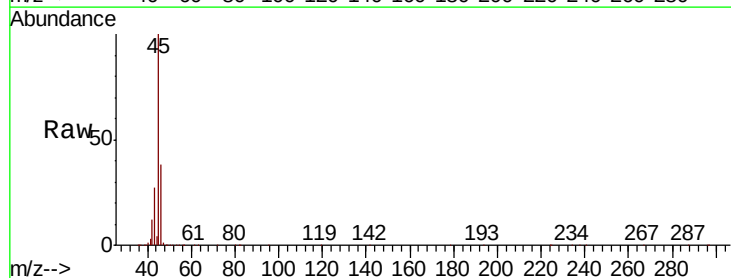
Acq: 25 Feb 2021 15:39

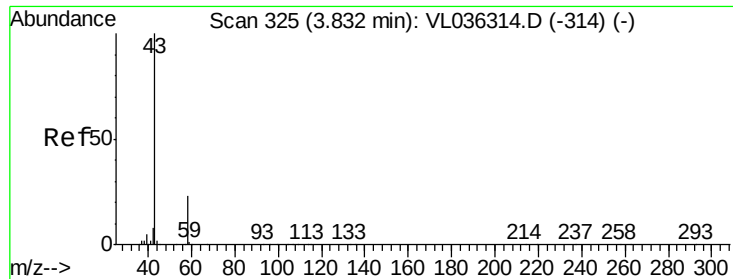
Tgt Ion: 45 Resp: 7316800

Ion Ratio Lower Upper

45 100

46 37.0 17.7 70.7

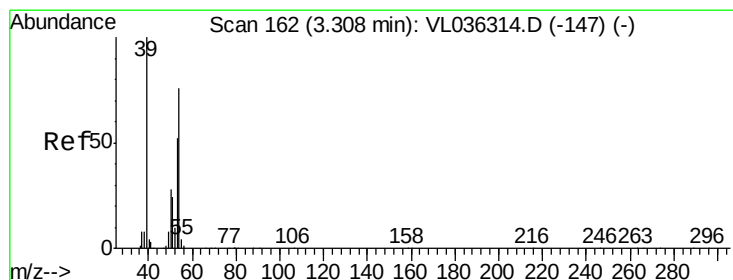
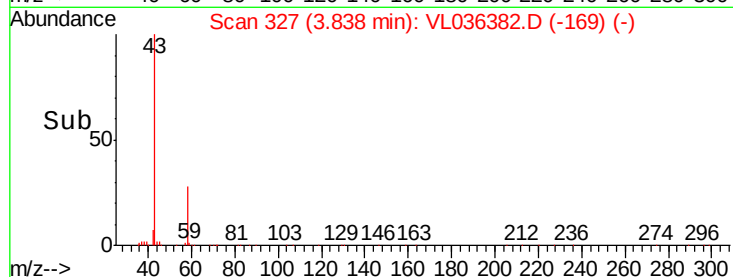
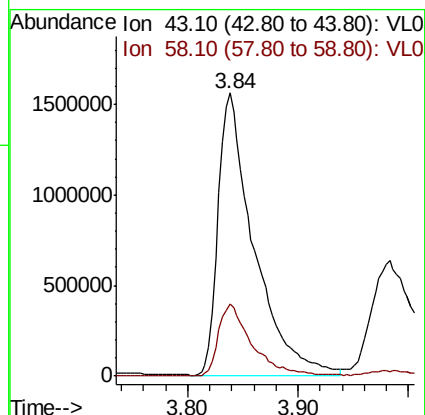
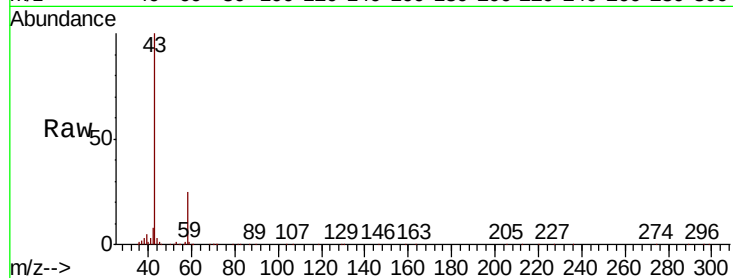




#15
Acetone
Concen: 17.294 ppbv
RT: 3.84 min Scan# 327
Delta R.T. 0.01 min
Lab File: VL036382.D
Acq: 25 Feb 2021 15:39

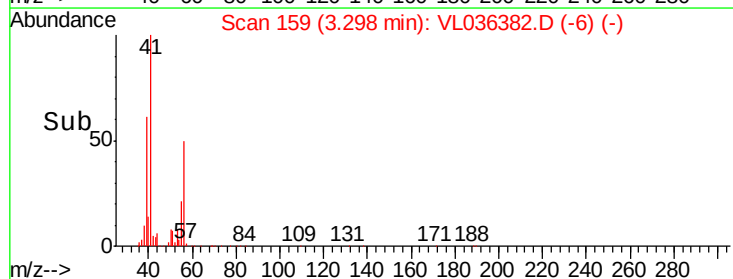
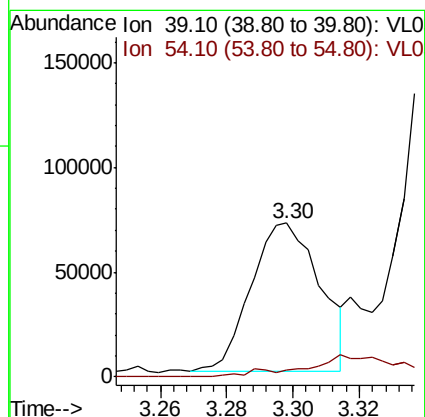
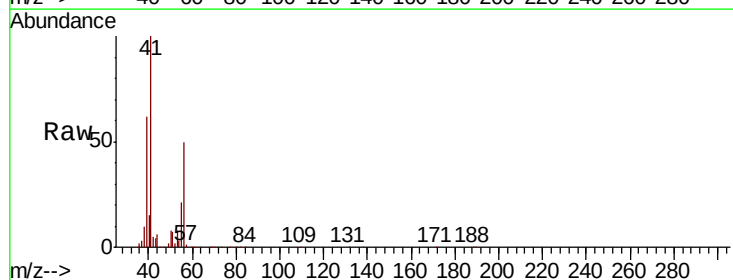
Instrument :
MSVOA_L
ClientSampleId :

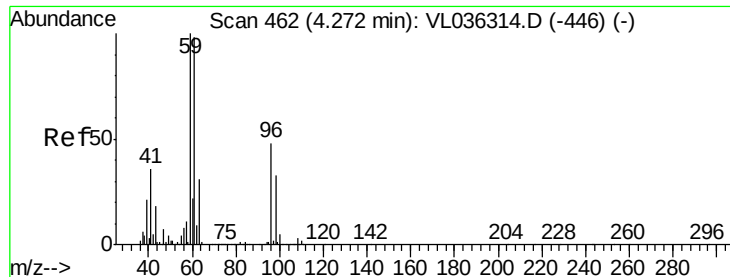
Tot Ion: 43 Resp: 3490864
Ion Ratio Lower Upper
43 100
58 24.4 20.3 30.5



#16
1,3-Butadiene
Concen: 1.061 ppbv
RT: 3.30 min Scan# 159
Delta R.T. -0.01 min
Lab File: VL036382.D
Acq: 25 Feb 2021 15:39

Tgt Ion: 39 Resp: 102369
Ion Ratio Lower Upper
39 100
54 27.1 64.4 96.6#



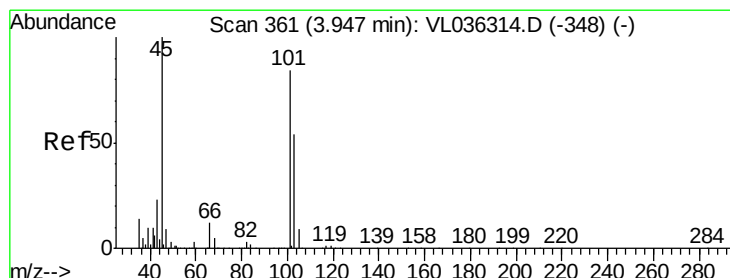
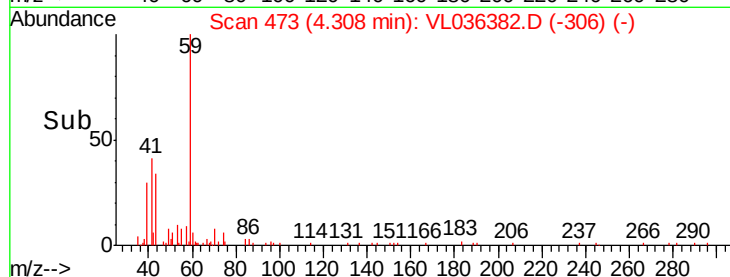
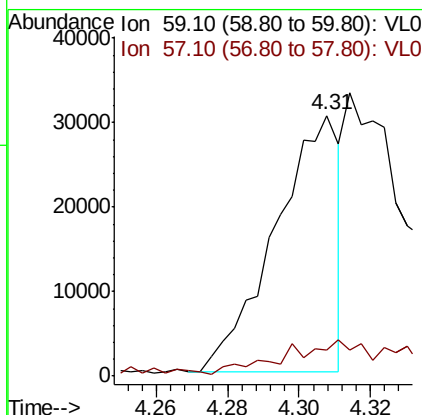
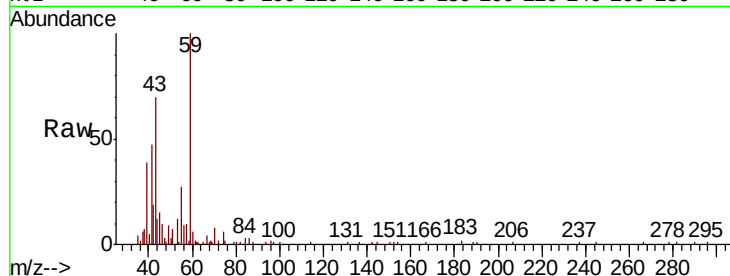


#17

tert-Butyl alcohol
Concen: 0.241 ppbv
RT: 4.31 min Scan# 473
Delta R.T. 0.04 min
Lab File: VL036382.D
Acq: 25 Feb 2021 15:39

Instrument :
MSVOA_L
ClientSampleId :

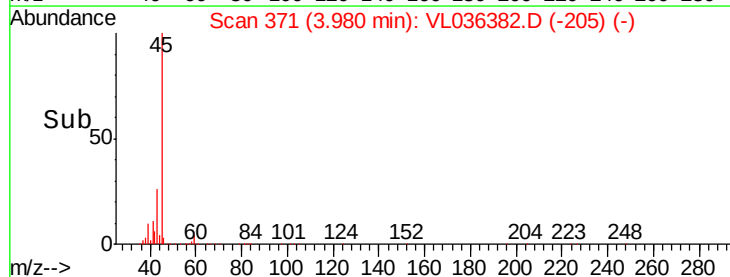
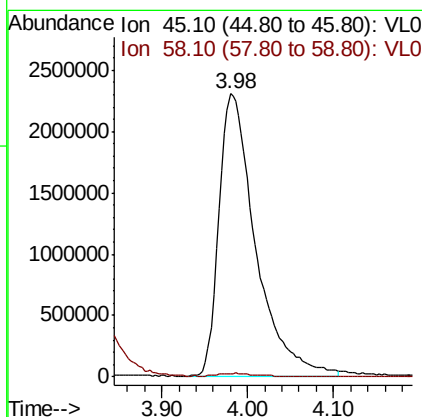
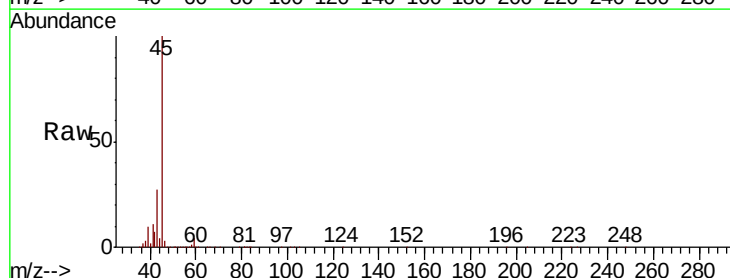
Tot Ion: 59 Resp: 37742
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#

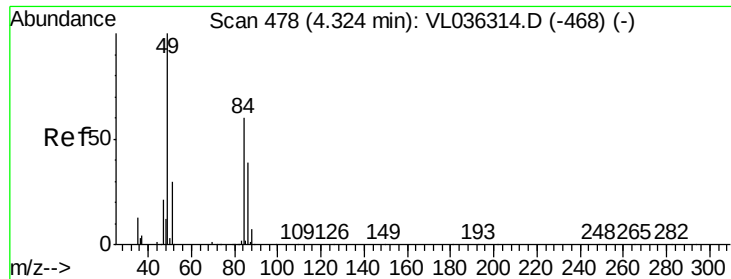


#19

Isopropyl Alcohol
Concen: 60.853 ppbv
RT: 3.98 min Scan# 371
Delta R.T. 0.03 min
Lab File: VL036382.D
Acq: 25 Feb 2021 15:39

Tgt Ion: 45 Resp: 6805368
Ion Ratio Lower Upper
45 100
58 1.4 1.9 2.9#

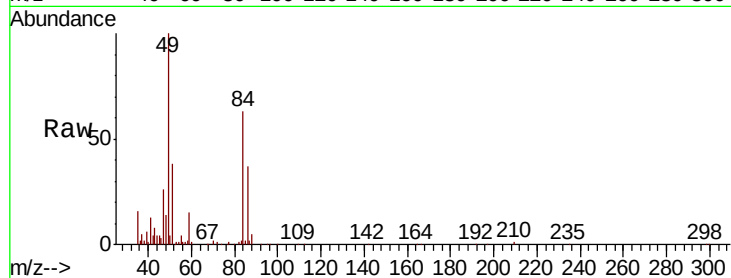




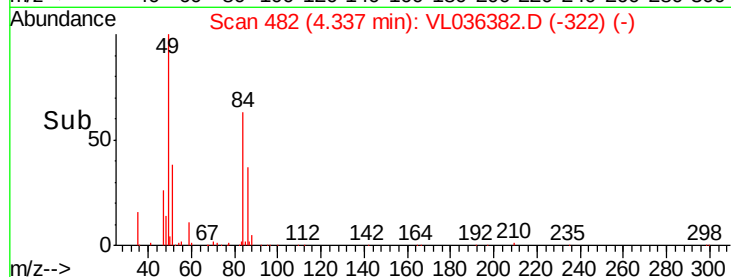
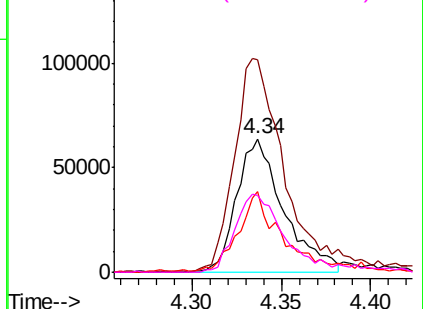
#20
Methylene Chloride
Concen: 1.787 ppbv
RT: 4.34 min Scan# 482
Delta R.T. 0.01 min
Lab File: VL036382.D
Acq: 25 Feb 2021 15:39

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:	84	Resp:	116353
Ion	Ratio	Lower	Upper
84	100		
49	158.4	133.8	200.8
51	58.9	41.4	62.0
86	58.0	51.5	77.3

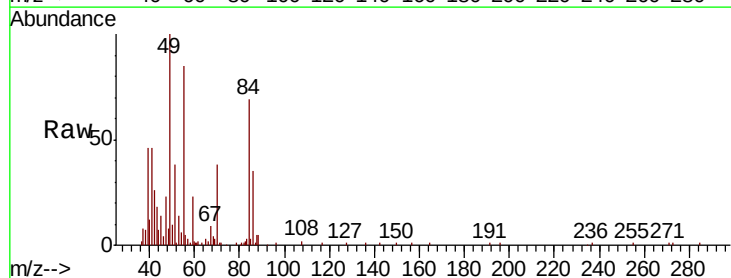
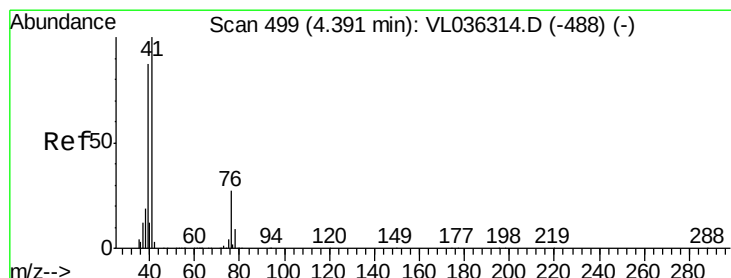


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

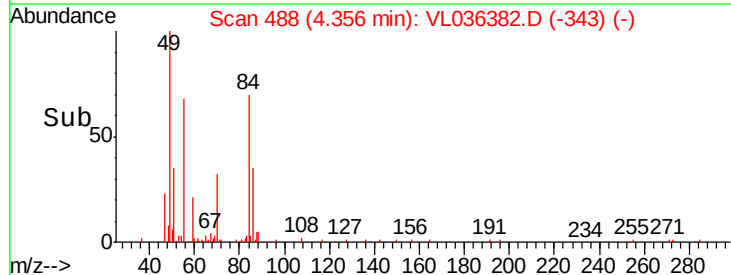
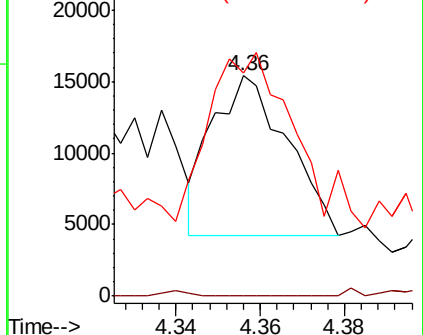


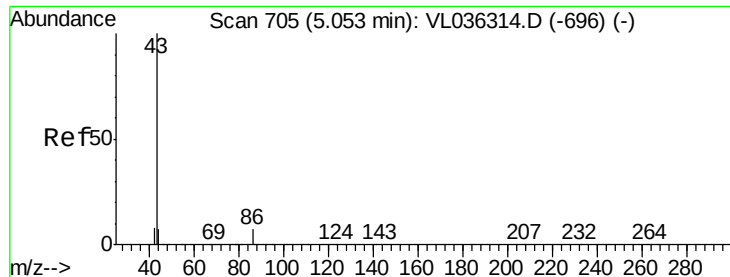
#21
Allyl Chloride
Concen: 0.123 ppbv
RT: 4.36 min Scan# 488
Delta R.T. -0.04 min
Lab File: VL036382.D
Acq: 25 Feb 2021 15:39

Tgt Ion:	41	Resp:	13876
Ion	Ratio	Lower	Upper
41	100		
76	0.0	22.0	33.0#
39	281.4	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: 1.155 ppbv

RT: 5.05 min Scan# 704

Delta R.T. -0.00 min

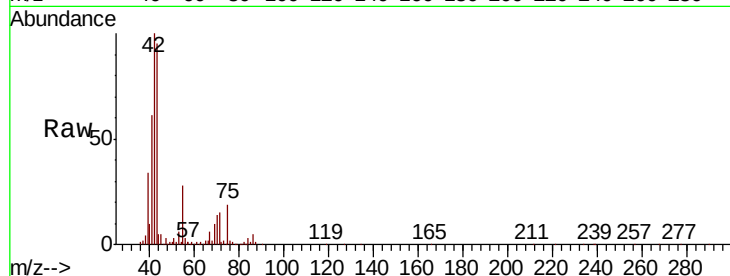
Lab File: VL036382.D

Acq: 25 Feb 2021 15:39

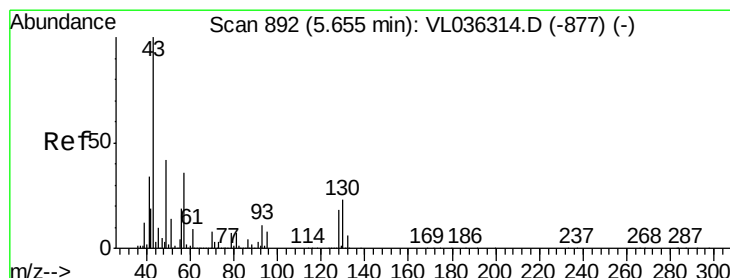
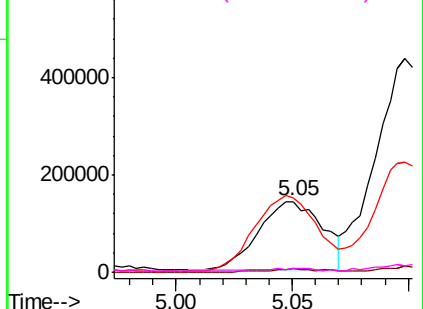
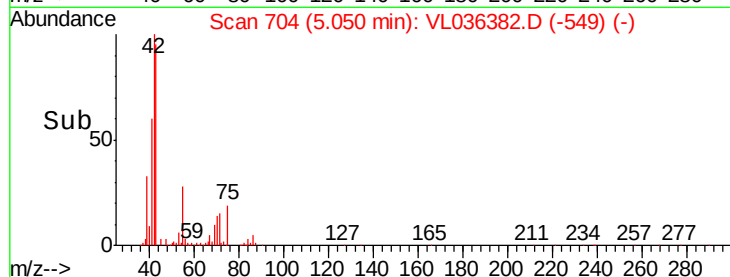
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 274220

Ion	Ratio	Lower	Upper
43	100		
86	4.8	4.8	7.2#
42	106.9	7.4	11.0#
44	2.6	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: 1.989 ppbv

RT: 5.68 min Scan# 899

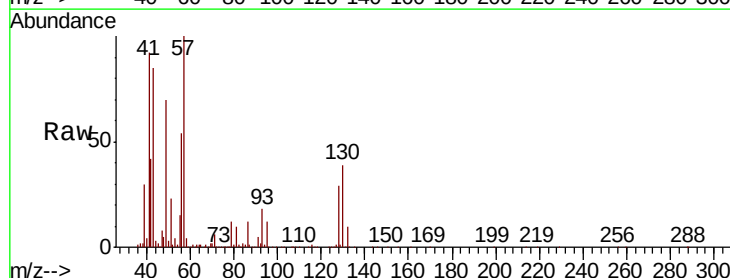
Delta R.T. 0.02 min

Lab File: VL036382.D

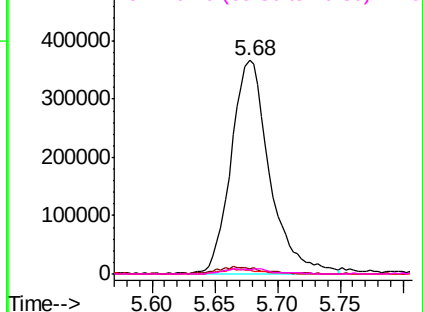
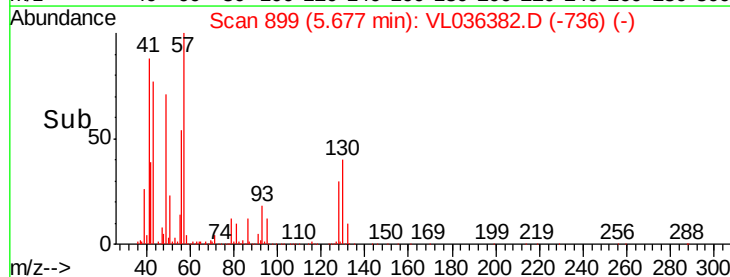
Acq: 25 Feb 2021 15:39

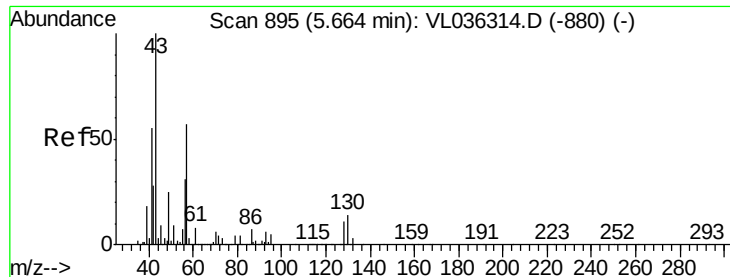
Tgt Ion: 43 Resp: 774981

Ion	Ratio	Lower	Upper
43	100		
45	3.9	8.3	12.5#
61	2.6	7.3	10.9#
70	3.2	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

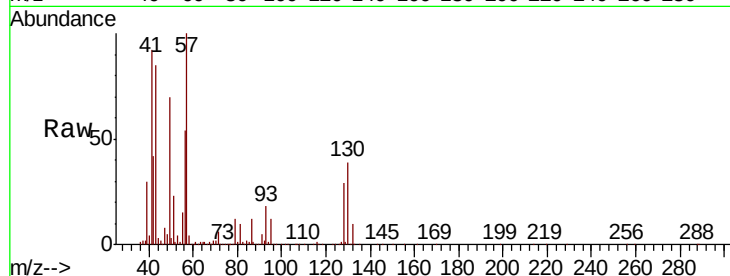




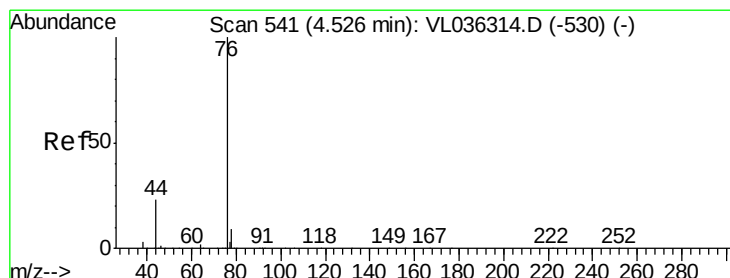
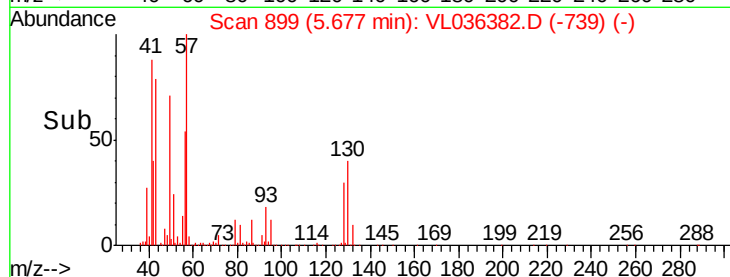
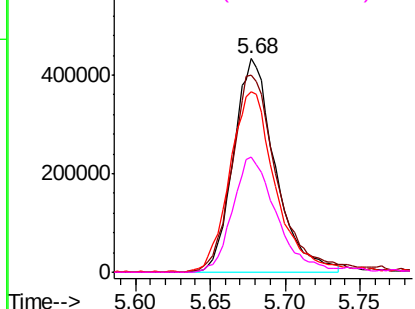
#26
Hexane
Concen: 5.235 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.01 min
Lab File: VL036382.D
Acq: 25 Feb 2021 15:39

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 57 Resp: 838242
Ion Ratio Lower Upper
57 100
41 101.8 81.7 122.5
43 93.6 199.1 298.7#
56 58.4 44.0 66.0

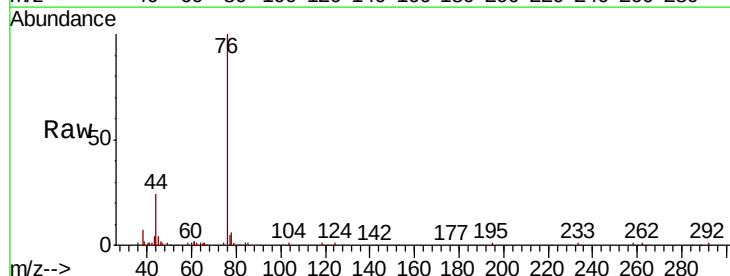


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

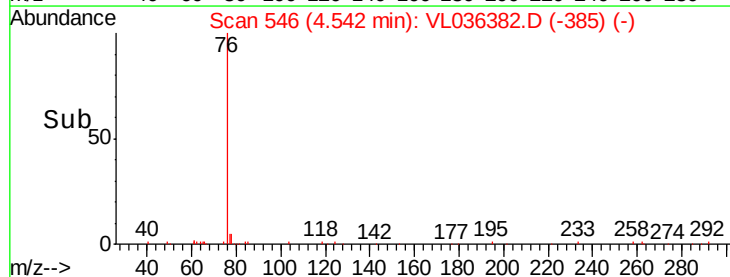
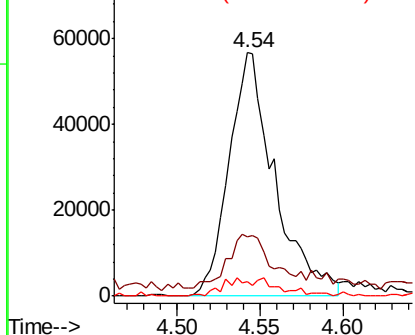


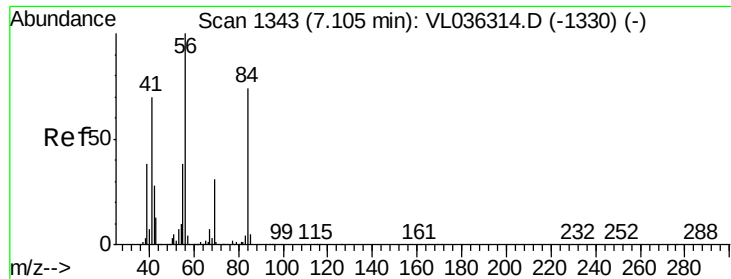
#27
Carbon Disulfide
Concen: 0.739 ppbv
RT: 4.54 min Scan# 546
Delta R.T. 0.02 min
Lab File: VL036382.D
Acq: 25 Feb 2021 15:39

Tgt Ion: 76 Resp: 108690
Ion Ratio Lower Upper
76 100
44 28.3 18.4 27.6#
78 9.0 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

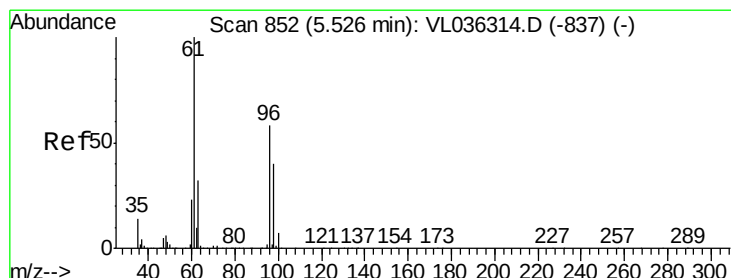
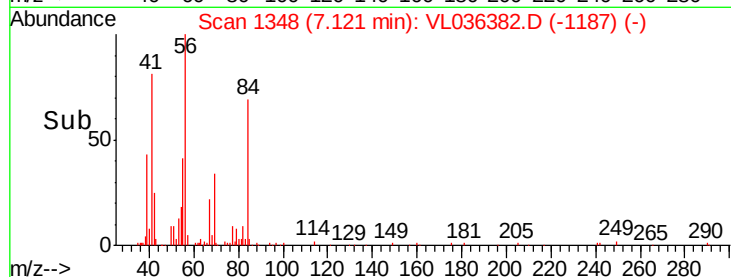
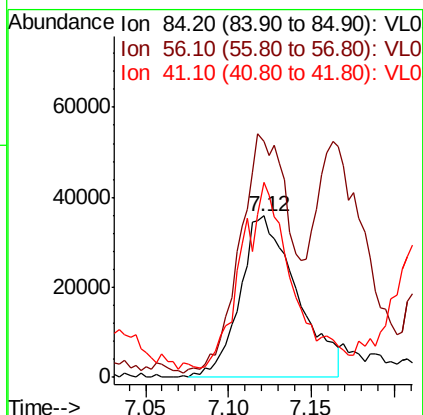
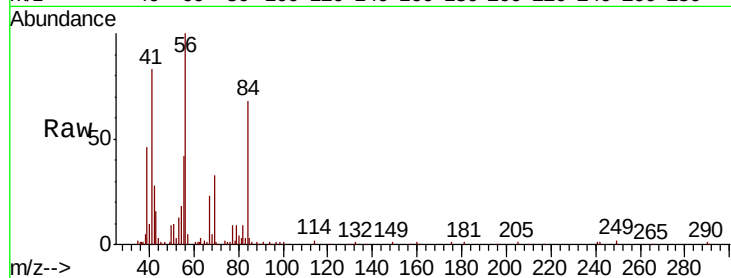




#30
Cyclohexane
Concen: 0.633 ppbv
RT: 7.12 min Scan# 1348
Delta R.T. 0.02 min
Lab File: VL036382.D
Acq: 25 Feb 2021 15:39

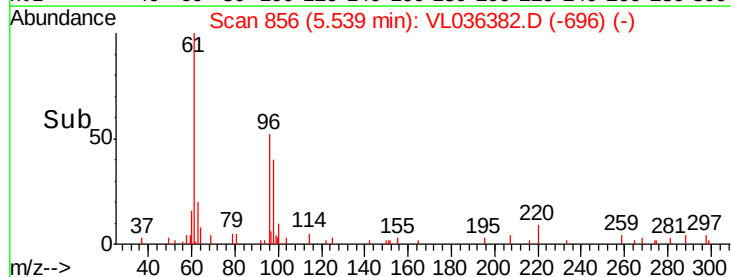
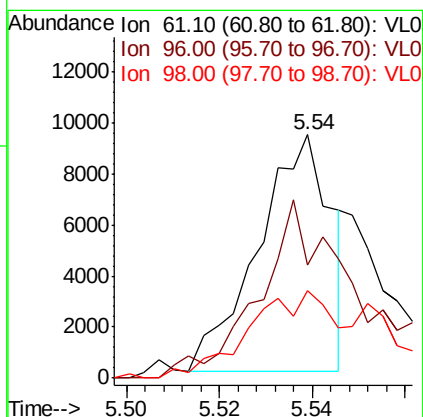
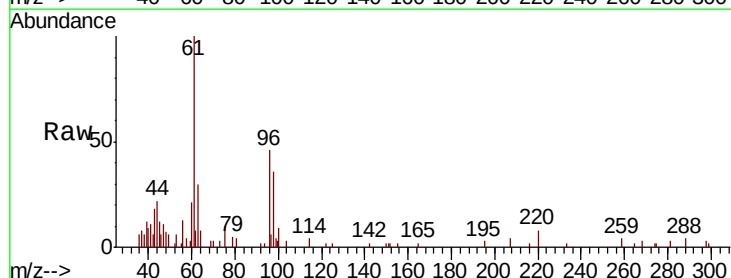
Instrument :
MSVOA_L
ClientSampleId :

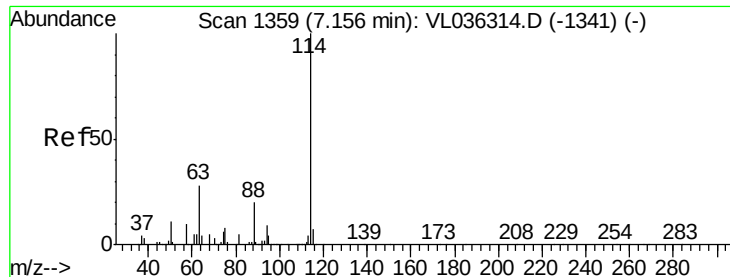
Tot Ion: 84 Resp: 84229
Ion Ratio Lower Upper
84 100
56 124.8 120.2 180.4
41 103.6 79.7 119.5



#31
cis-1,2-Dichloroethene
Concen: 0.064 ppbv
RT: 5.54 min Scan# 856
Delta R.T. 0.01 min
Lab File: VL036382.D
Acq: 25 Feb 2021 15:39

Tgt Ion: 61 Resp: 10186
Ion Ratio Lower Upper
61 100
96 38.5 46.0 69.0#
98 38.6 31.9 47.9

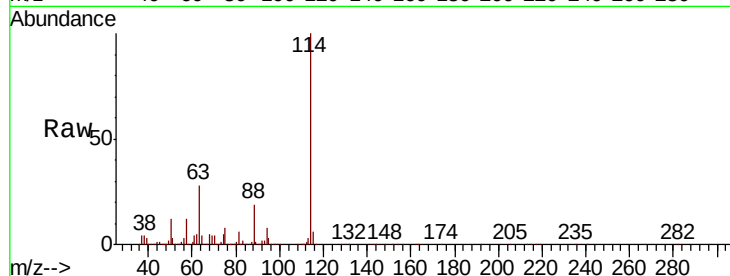




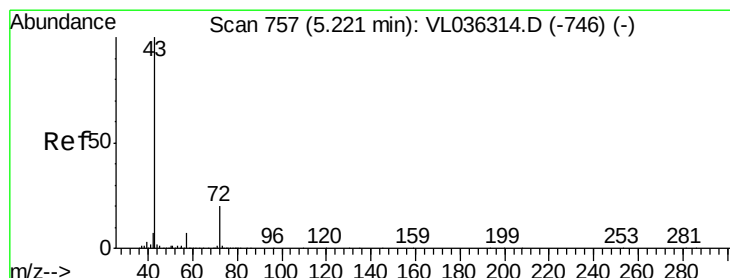
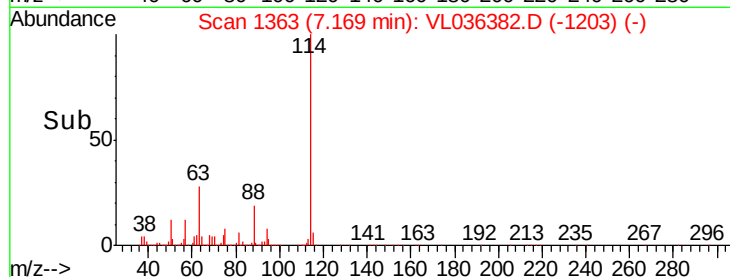
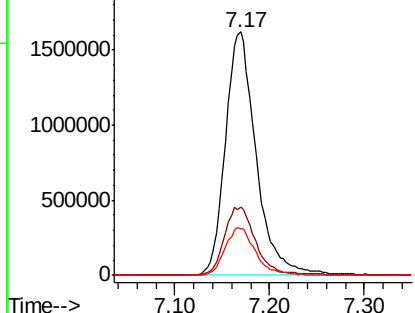
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VL036382.D
 Acq: 25 Feb 2021 15:39

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:114 Resp: 3662554
 Ion Ratio Lower Upper
 114 100
 63 29.1 24.1 36.1
 88 19.6 16.0 24.0

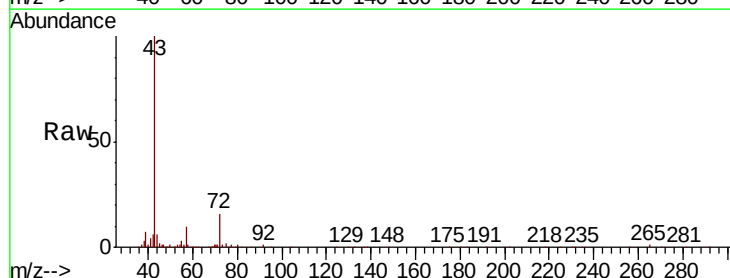


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

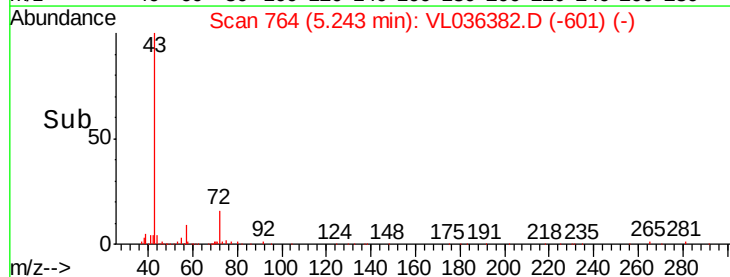
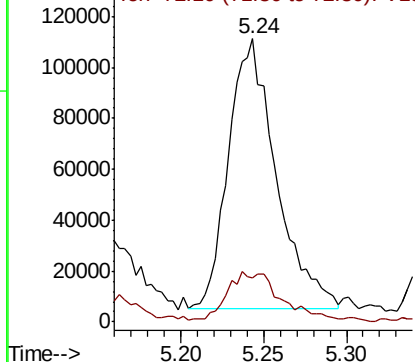


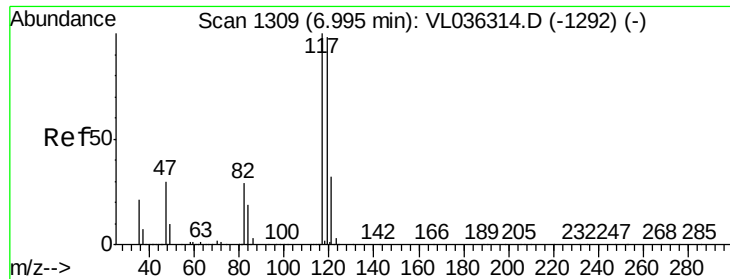
#34
 2-Butanone
 Concen: 0.869 ppbv
 RT: 5.24 min Scan# 764
 Delta R.T. 0.02 min
 Lab File: VL036382.D
 Acq: 25 Feb 2021 15:39

Tgt Ion: 43 Resp: 211474
 Ion Ratio Lower Upper
 43 100
 72 21.7 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: 0.033 ppbv

RT: 7.01 min Scan# 1313

Delta R.T. 0.01 min

Lab File: VL036382.D

Acq: 25 Feb 2021 15:39

Instrument :

MSVOA_L

ClientSampleId :

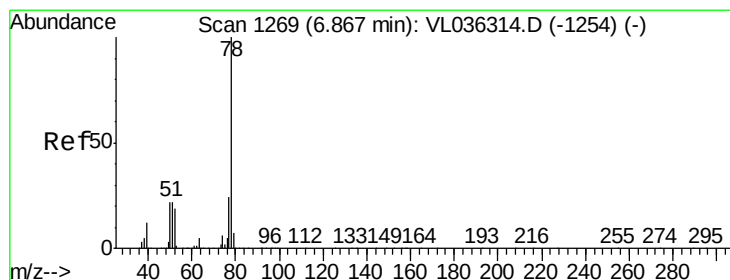
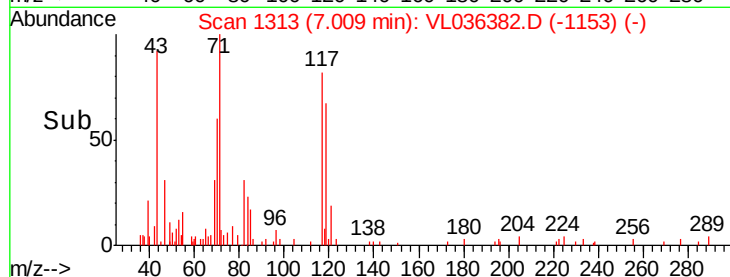
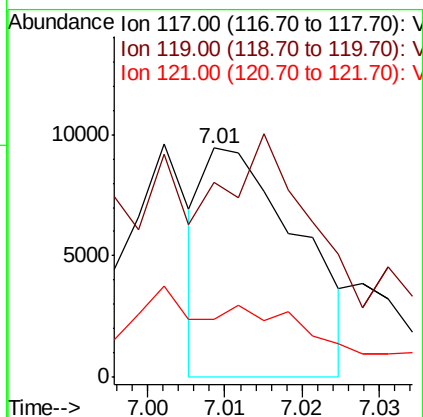
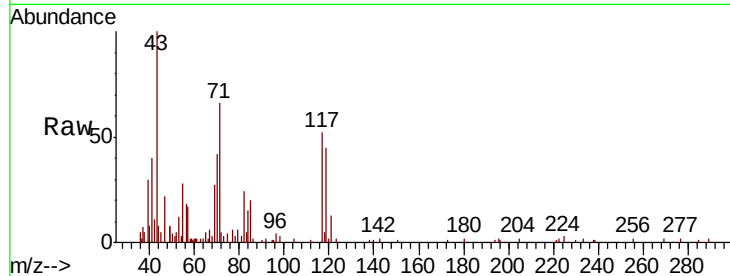
Tot Ion:117 Resp: 8053

Ion Ratio Lower Upper

117 100

119 57.1 78.1 117.1#

121 17.6 25.8 38.8#



#36

Benzene

Concen: 0.696 ppbv

RT: 6.88 min Scan# 1273

Delta R.T. 0.01 min

Lab File: VL036382.D

Acq: 25 Feb 2021 15:39

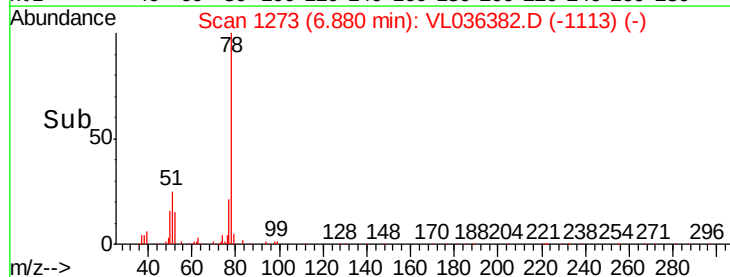
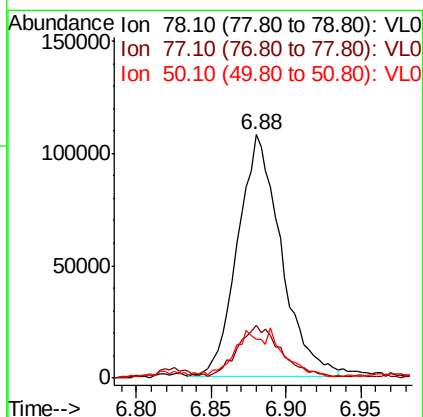
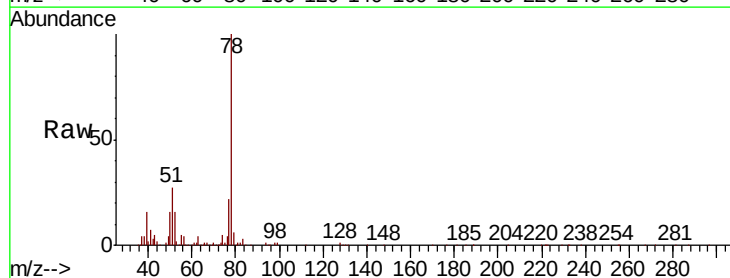
Tgt Ion: 78 Resp: 216610

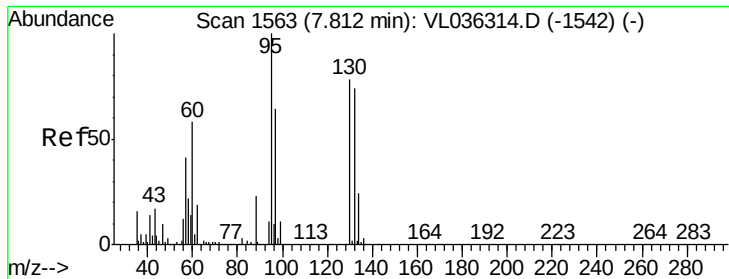
Ion Ratio Lower Upper

78 100

77 21.3 18.9 28.3

50 14.8 17.3 25.9#





#38

Trichloroethene

Concen: 0.030 ppbv

RT: 7.83 min Scan# 1568

Delta R.T. 0.02 min

Lab File: VL036382.D

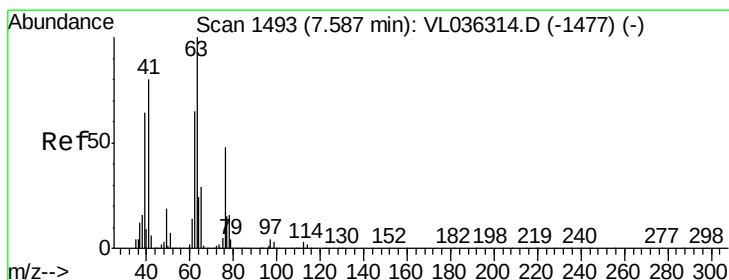
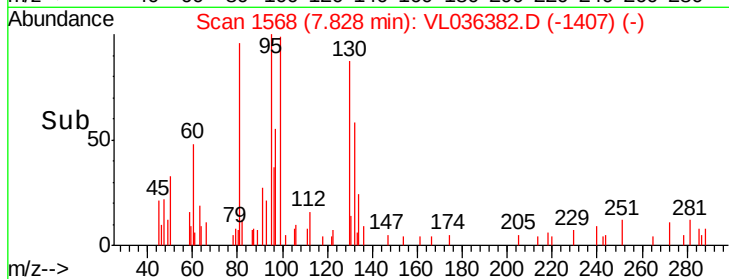
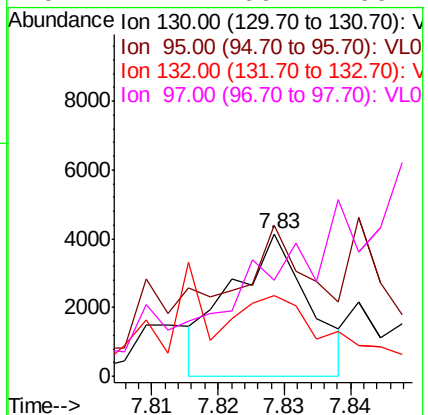
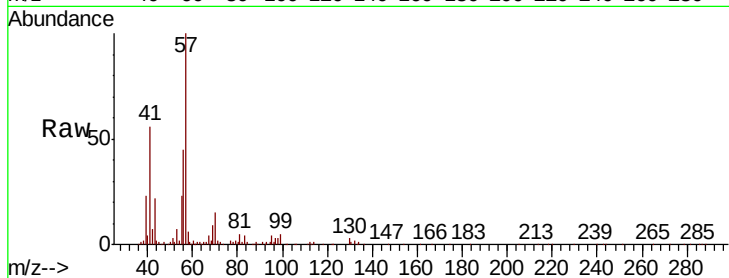
Acq: 25 Feb 2021 15:39

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:130	Resp:	3370
Ion Ratio	Lower	Upper
130	100	
95	80.7	102.8 154.2#
132	37.8	75.7 113.5#
97	44.1	66.2 99.2#



#39

1,2-Dichloropropane

Concen: 4.056 ppbv

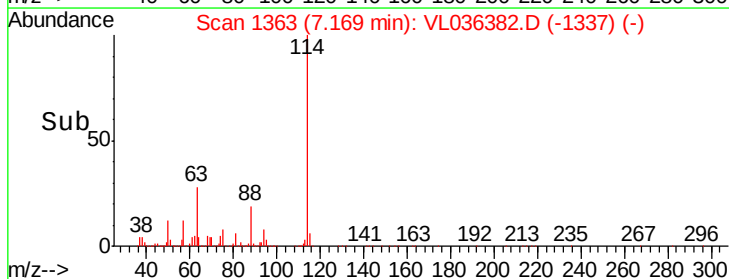
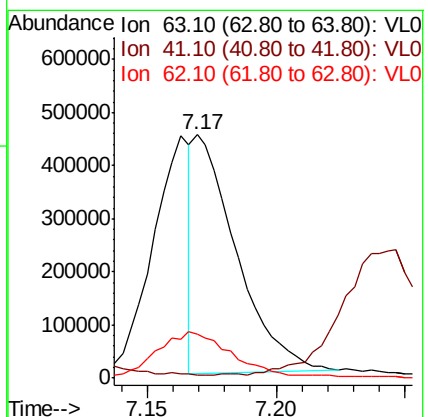
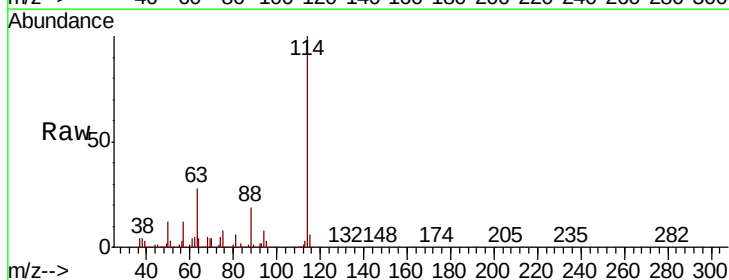
RT: 7.17 min Scan# 1363

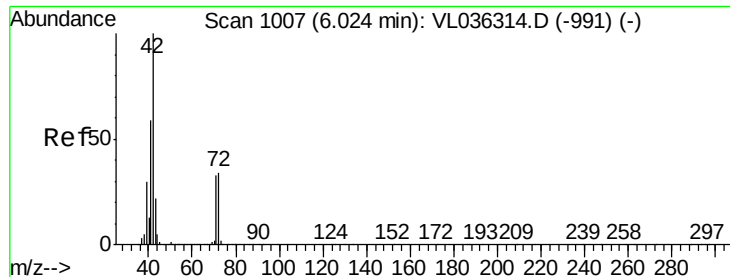
Delta R.T. -0.42 min

Lab File: VL036382.D

Acq: 25 Feb 2021 15:39

Tgt Ion: 63	Resp:	512623
Ion Ratio	Lower	Upper
63	100	
41	0.0	63.8 95.6#
62	17.9	52.3 78.5#





#41

Tetrahydrofuran

Concen: 0.483 ppbv

RT: 6.30 min Scan# 1094

Delta R.T. 0.28 min

Lab File: VL036382.D

Acq: 25 Feb 2021 15:39

Instrument :

MSVOA_L

ClientSampleId :

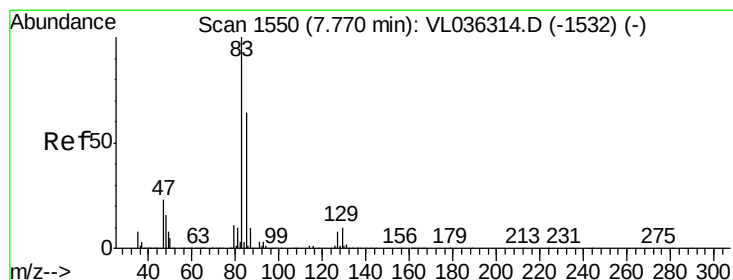
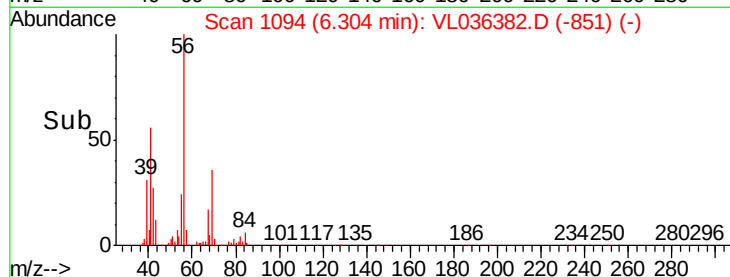
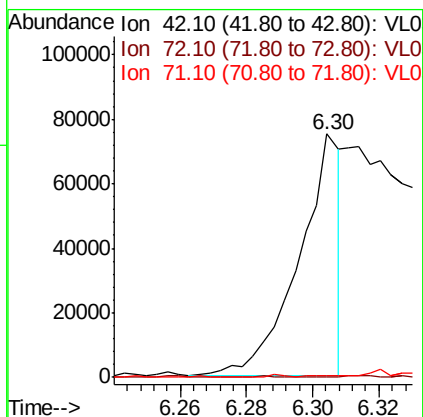
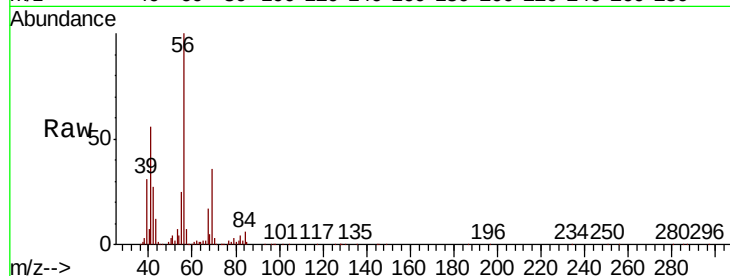
Tot Ion: 42 Resp: 65613

Ion Ratio Lower Upper

42 100

72 0.2 29.3 43.9#

71 0.0 27.8 41.8#



#42

Bromodichloromethane

Concen: 0.100 ppbv

RT: 7.78 min Scan# 1554

Delta R.T. 0.01 min

Lab File: VL036382.D

Acq: 25 Feb 2021 15:39

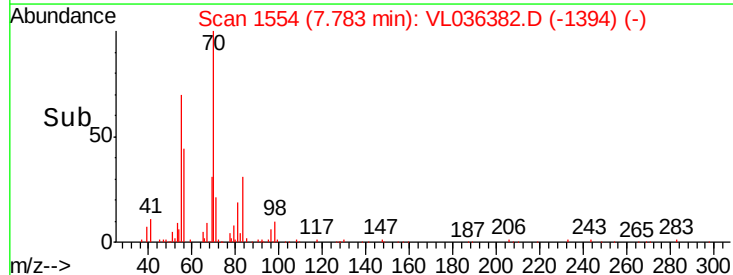
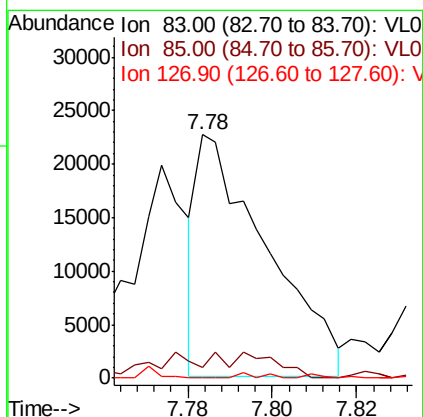
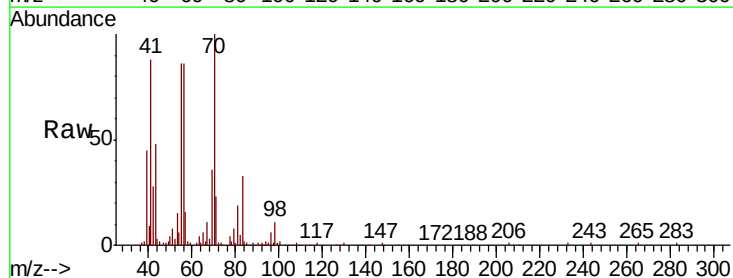
Tgt Ion: 83 Resp: 25836

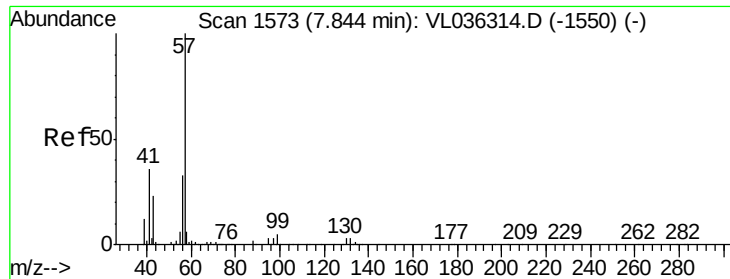
Ion Ratio Lower Upper

83 100

85 5.1 51.1 76.7#

127 0.0 6.3 9.5#

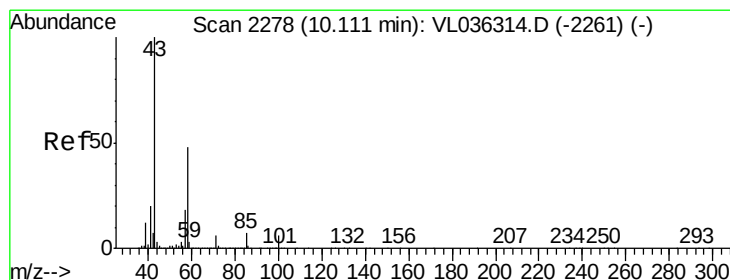
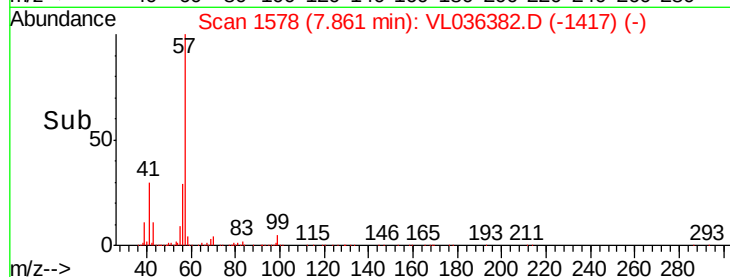
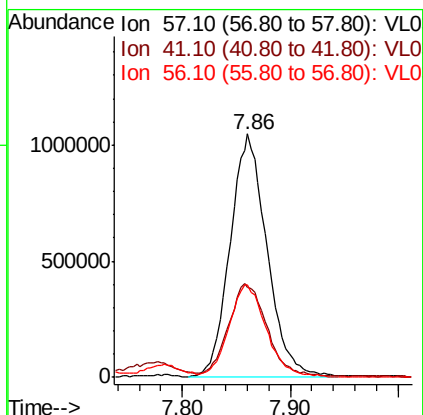
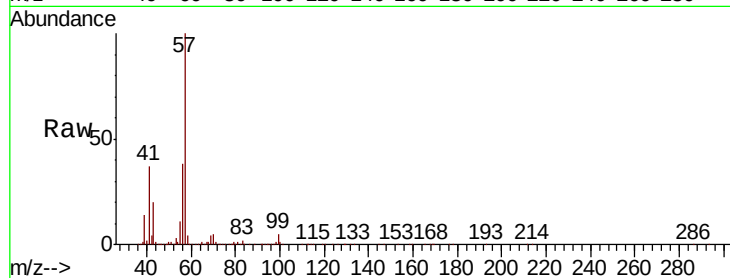




#44
 2,2,4-Trimethylpentane
 Concen: 4.377 ppbv
 RT: 7.86 min Scan# 1578
 Delta R.T. 0.02 min
 Lab File: VL036382.D
 Acq: 25 Feb 2021 15:39

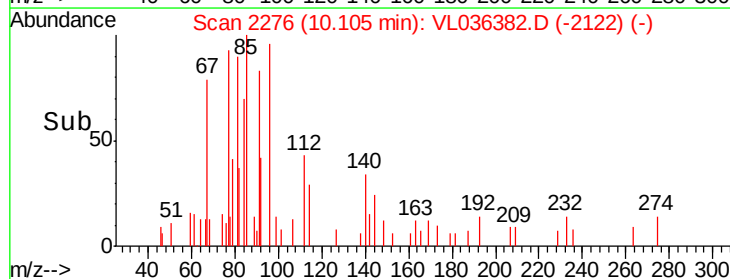
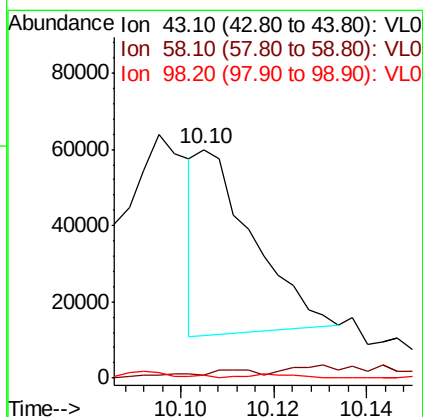
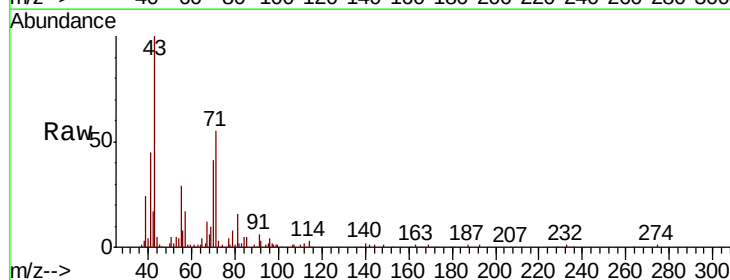
Instrument :
 MSVOA_L
 ClientSampled :

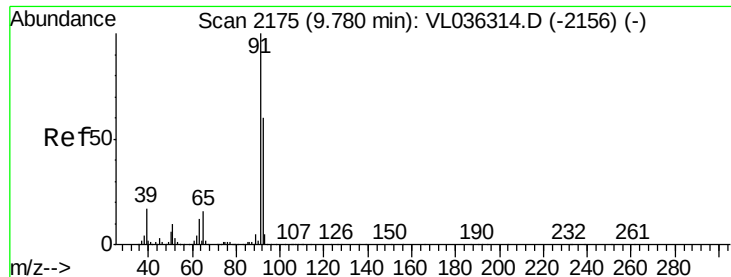
Tot Ion: 57 Resp: 2476199
 Ion Ratio Lower Upper
 57 100
 41 41.0 28.8 43.2
 56 38.8 25.8 38.6#



#51
 2-Hexanone
 Concen: 0.146 ppbv
 RT: 10.10 min Scan# 2276
 Delta R.T. -0.01 min
 Lab File: VL036382.D
 Acq: 25 Feb 2021 15:39

Tgt Ion: 43 Resp: 40140
 Ion Ratio Lower Upper
 43 100
 58 21.4 38.7 58.1#
 98 0.0 0.4 0.6#





#53

Toluene

Concen: 10.638 ppbv

RT: 9.80 min Scan# 2181

Delta R.T. 0.02 min

Lab File: VL036382.D

Acq: 25 Feb 2021 15:39

Instrument :

MSVOA_L

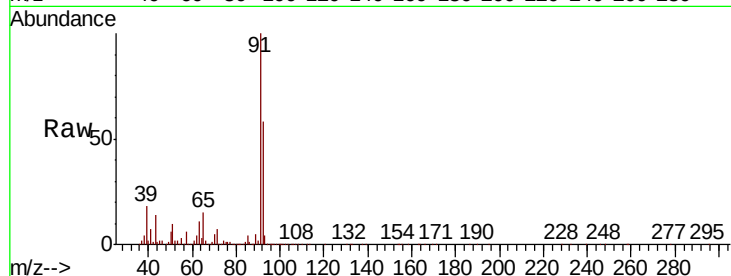
ClientSampleId :

Tot Ion: 91 Resp: 3584915

Ion Ratio Lower Upper

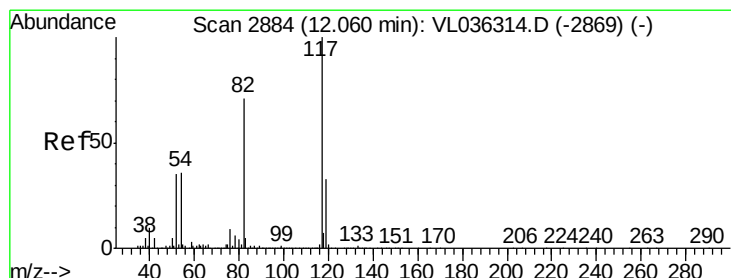
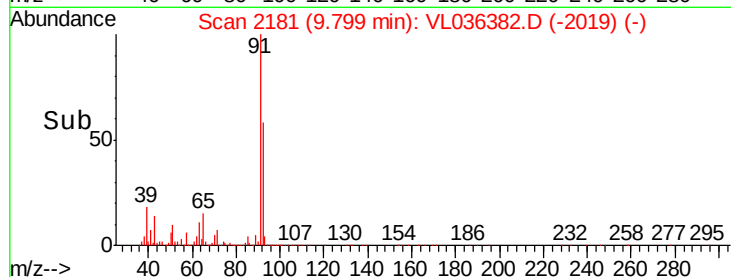
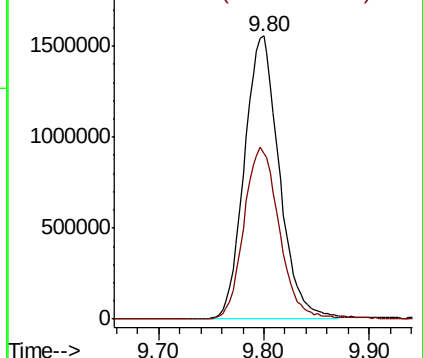
91 100

92 62.1 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: 12.08 min Scan# 2889

Delta R.T. 0.02 min

Lab File: VL036382.D

Acq: 25 Feb 2021 15:39

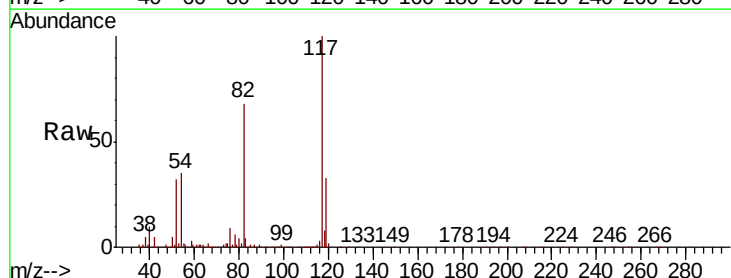
Tgt Ion: 117 Resp: 3363176

Ion Ratio Lower Upper

117 100

82 71.8 59.1 88.7

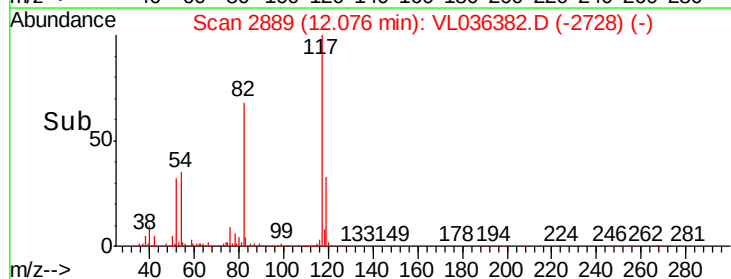
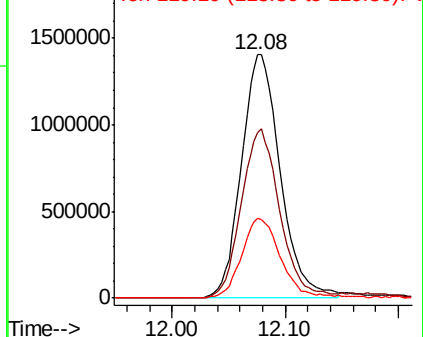
119 34.0 46.3 69.5#

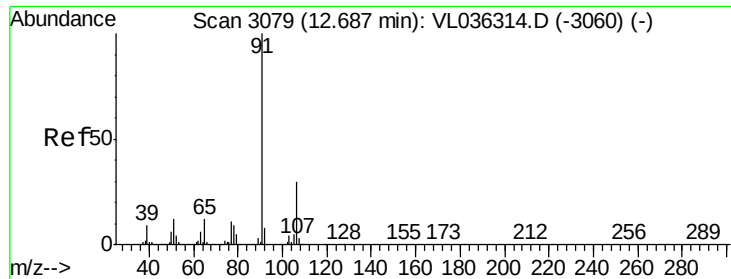


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#58

Ethyl Benzene

Concen: 2.033 ppbv

RT: 12.70 min Scan# 3083

Delta R.T. 0.01 min

Lab File: VL036382.D

Acq: 25 Feb 2021 15:39

Instrument :

MSVOA_L

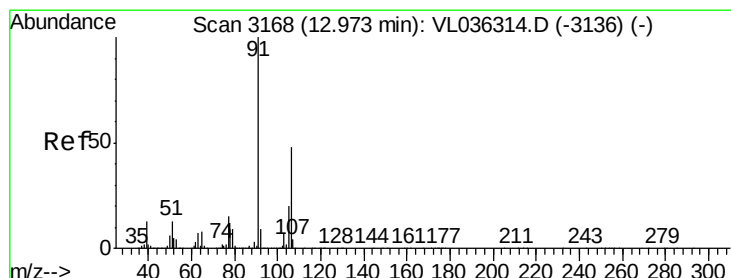
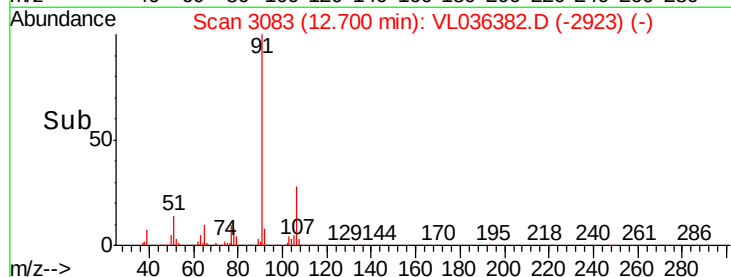
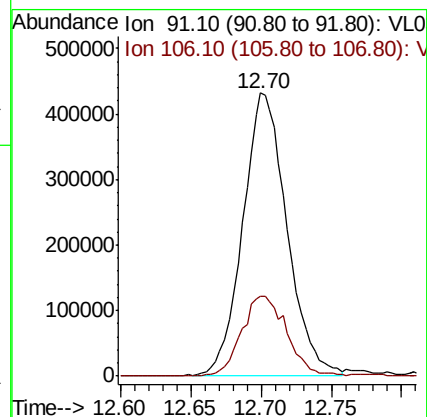
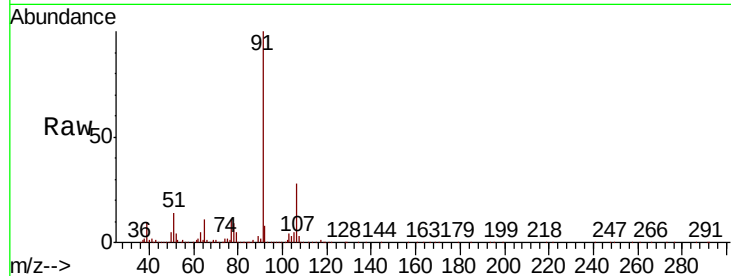
ClientSampleId :

Tot Ion: 91 Resp: 936146

Ion Ratio Lower Upper

91 100

106 28.2 23.8 35.6



#59

m/p-Xylene

Concen: 6.149 ppbv

RT: 12.96 min Scan# 3163

Delta R.T. -0.02 min

Lab File: VL036382.D

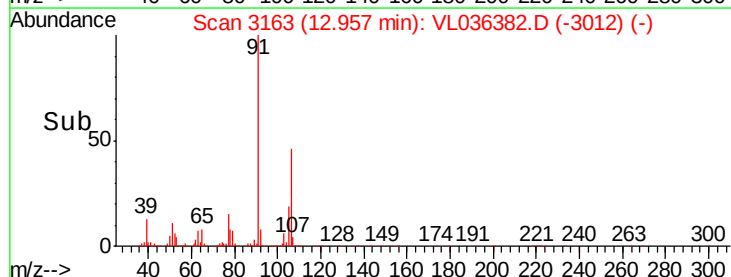
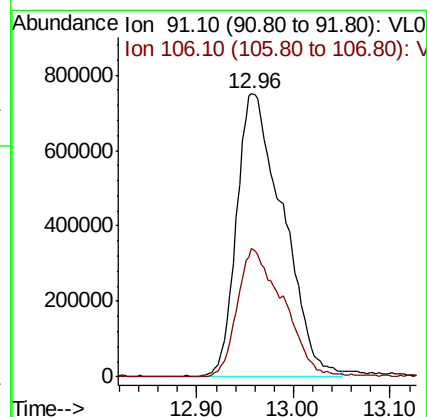
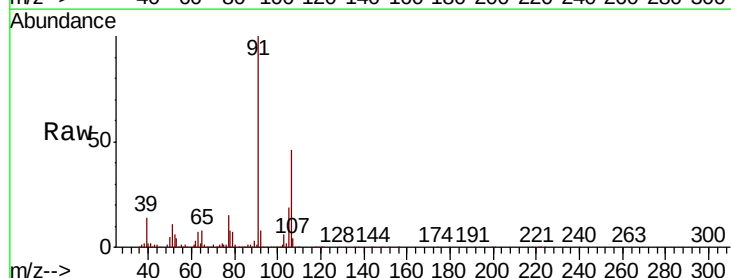
Acq: 25 Feb 2021 15:39

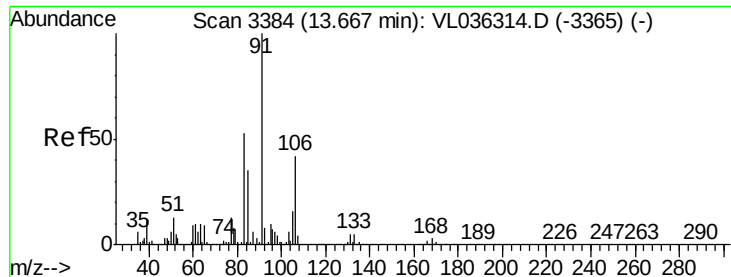
Tgt Ion: 91 Resp: 2487327

Ion Ratio Lower Upper

91 100

106 45.5 34.2 51.2

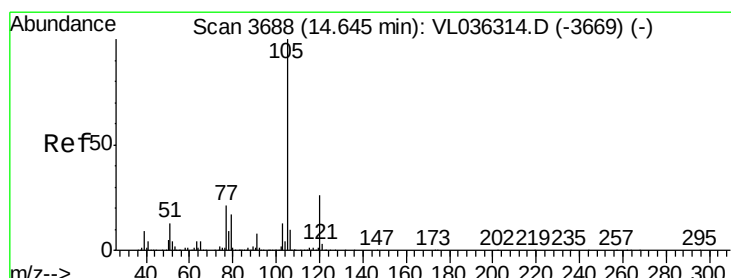
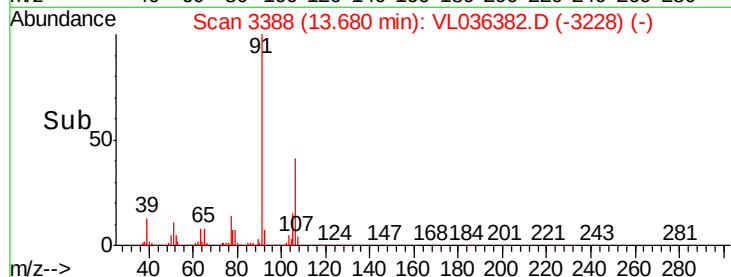
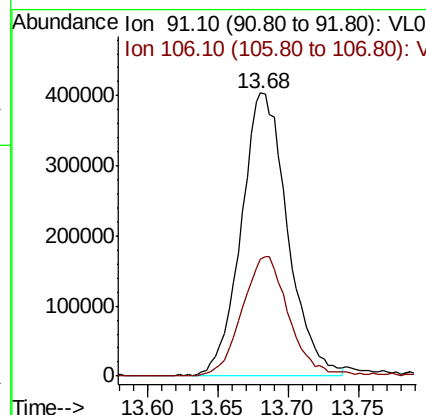
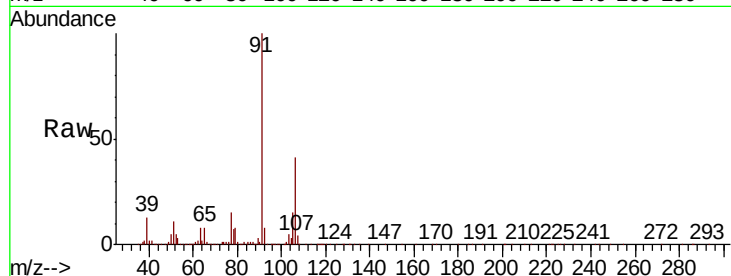




#60
o-Xylene
Concen: 2.387 ppbv
RT: 13.68 min Scan# 3388
Delta R.T. 0.01 min
Lab File: VL036382.D
Acq: 25 Feb 2021 15:39

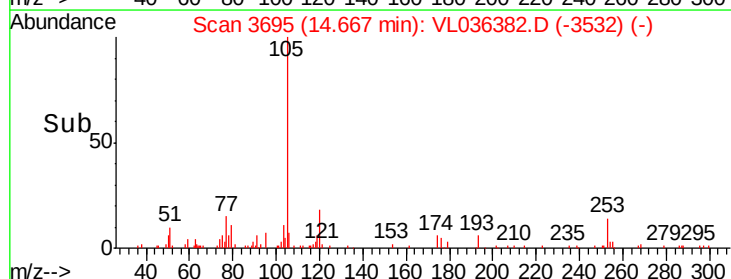
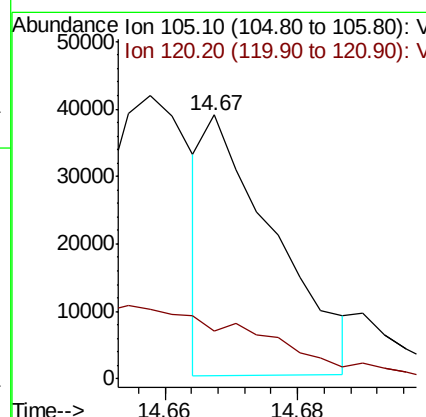
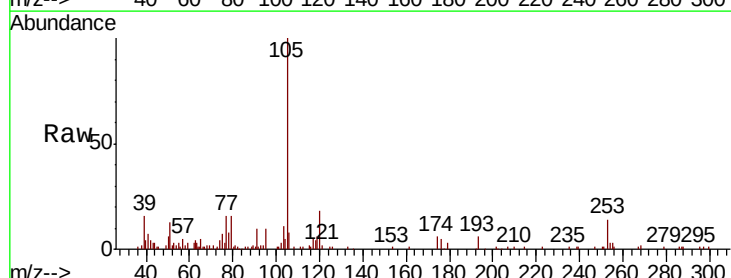
Instrument :
MSVOA_L
ClientSampled :

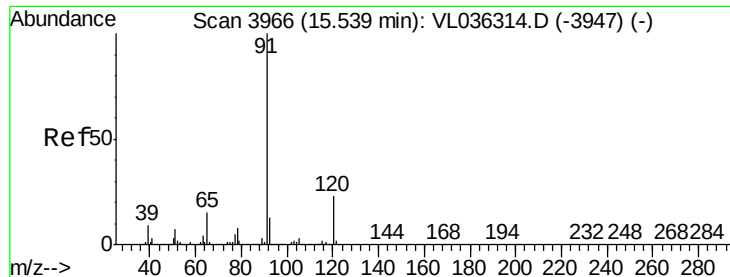
Tot Ion: 91 Resp: 923157
Ion Ratio Lower Upper
91 100
106 43.3 22.0 66.0



#62
Isopropylbenzene
Concen: 0.049 ppbv
RT: 14.67 min Scan# 3695
Delta R.T. 0.02 min
Lab File: VL036382.D
Acq: 25 Feb 2021 15:39

Tgt Ion: 105 Resp: 28451
Ion Ratio Lower Upper
105 100
120 0.0 20.6 30.8#





#64

n-propylbenzene

Concen: 0.093 ppbv

RT: 15.56 min Scan# 3973

Delta R.T. 0.02 min

Lab File: VL036382.D

Acq: 25 Feb 2021 15:39

Instrument :

MSVOA_L

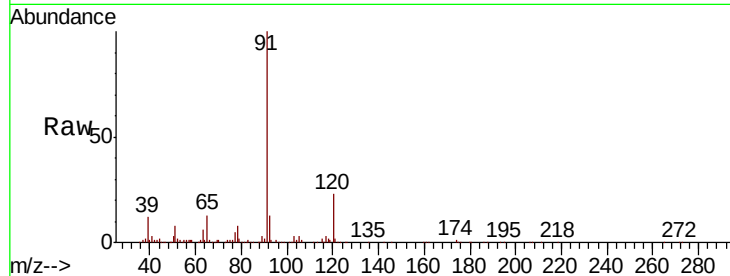
ClientSampleId :

Tot Ion:120 Resp: 13319

Ion Ratio Lower Upper

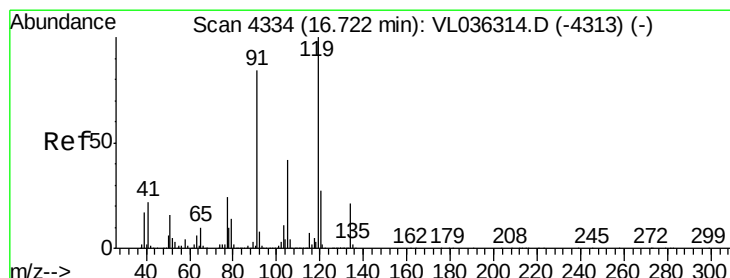
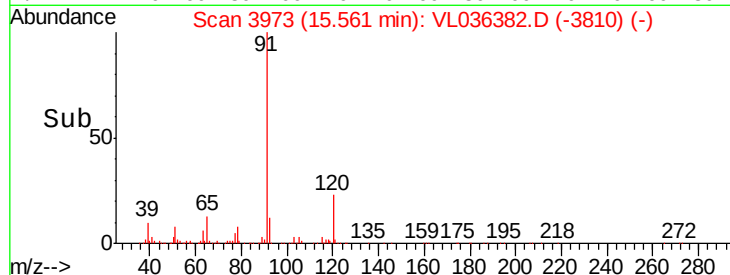
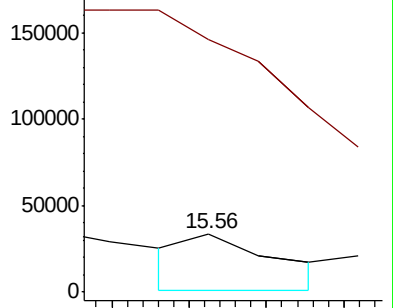
120 100

91 0.0 387.2 580.8#



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#65

tert-Butylbenzene

Concen: 0.120 ppbv

RT: 16.75 min Scan# 4344

Delta R.T. 0.03 min

Lab File: VL036382.D

Acq: 25 Feb 2021 15:39

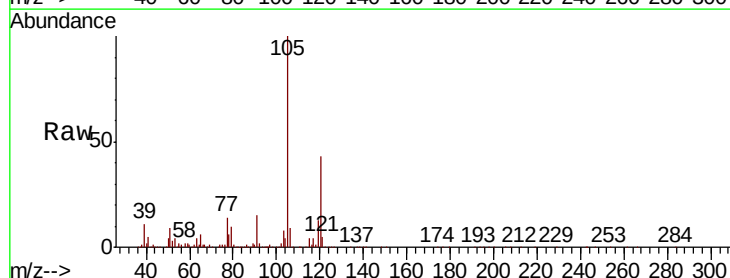
Tgt Ion:119 Resp: 59394

Ion Ratio Lower Upper

119 100

91 227.3 70.5 105.7#

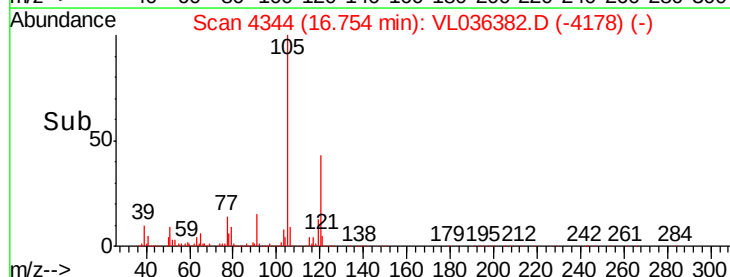
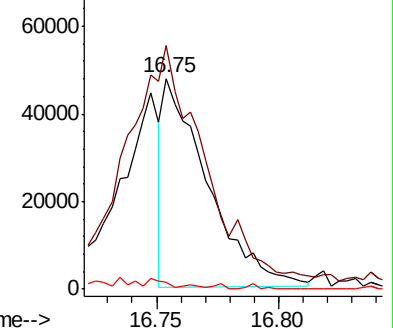
134 0.0 15.8 23.8#

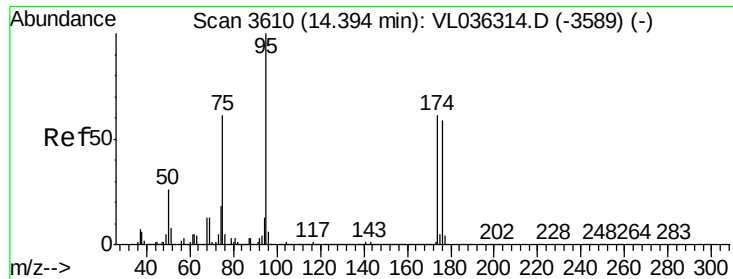


Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V

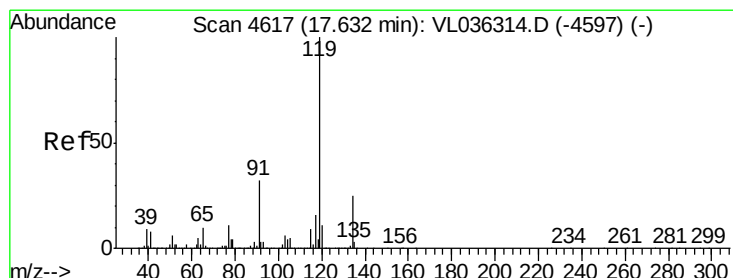
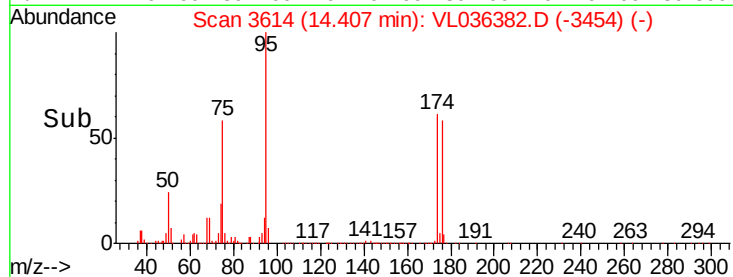
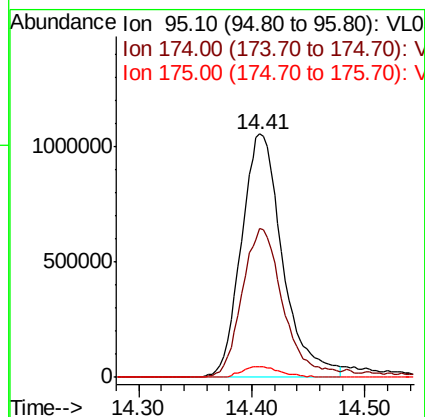
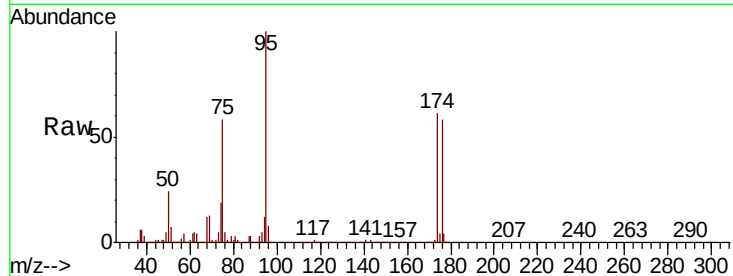




#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.679 ppbv
 RT: 14.41 min Scan# 3614
 Delta R.T. 0.01 min
 Lab File: VL036382.D
 Acq: 25 Feb 2021 15:39

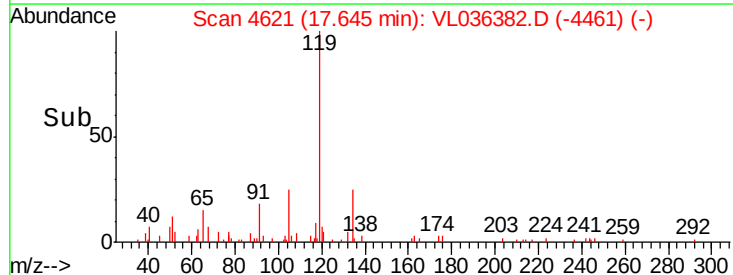
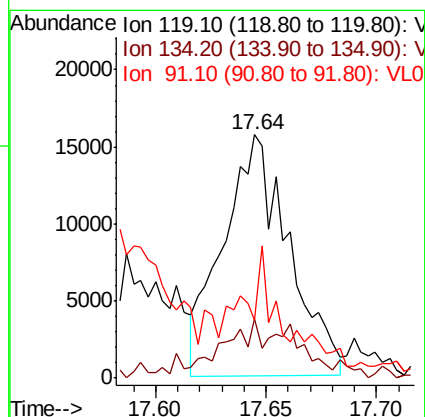
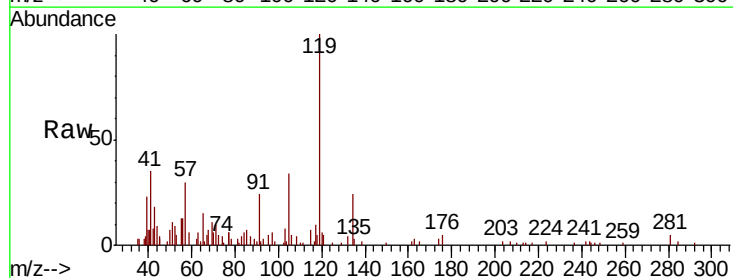
Instrument :
 MSVOA_L
 ClientSampleId :

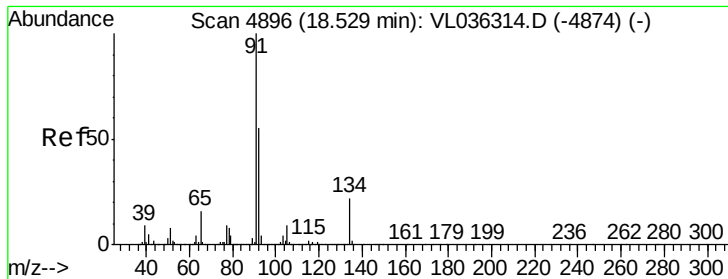
Tot Ion: 95 Resp: 2678199
 Ion Ratio Lower Upper
 95 100
 174 64.7 49.8 74.6
 175 4.3 3.7 5.5



#69
 p-Isopropyltoluene
 Concen: 0.059 ppbv
 RT: 17.64 min Scan# 4621
 Delta R.T. 0.01 min
 Lab File: VL036382.D
 Acq: 25 Feb 2021 15:39

Tgt Ion: 119 Resp: 32421
 Ion Ratio Lower Upper
 119 100
 134 33.2 20.1 30.1#
 91 34.3 25.8 38.6

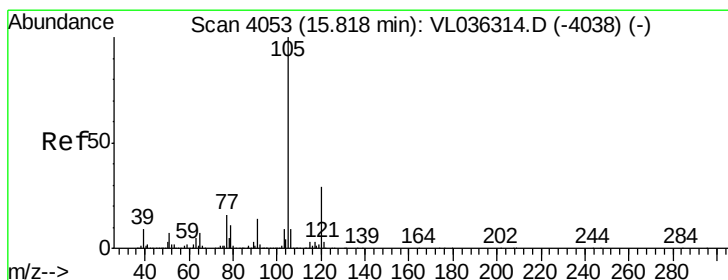
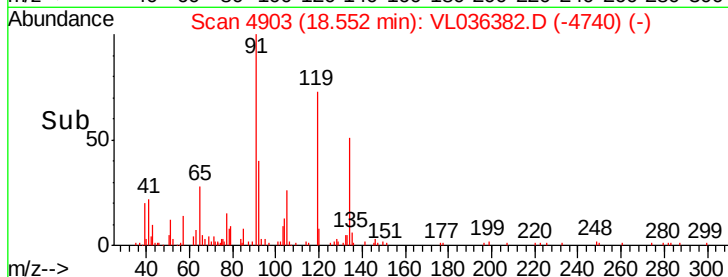
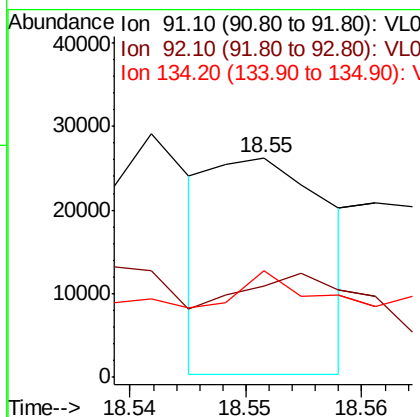
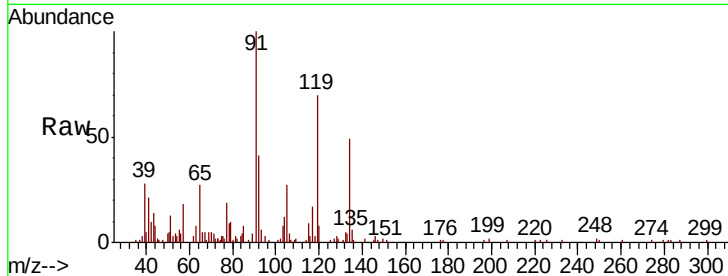




#70
n-Butylbenzene
Concen: 0.030 ppbv
RT: 18.55 min Scan# 4903
Delta R.T. 0.02 min
Lab File: VL036382.D
Acq: 25 Feb 2021 15:39

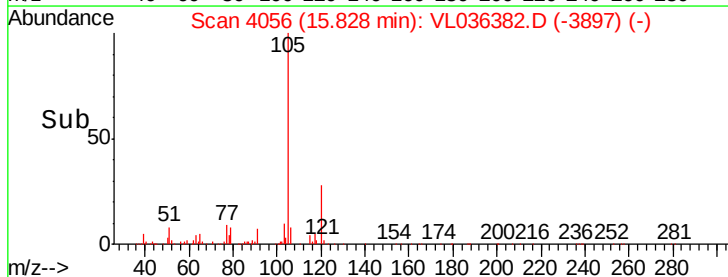
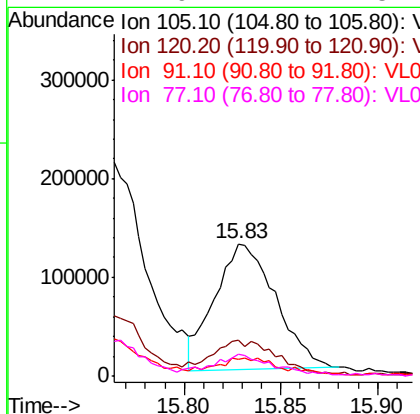
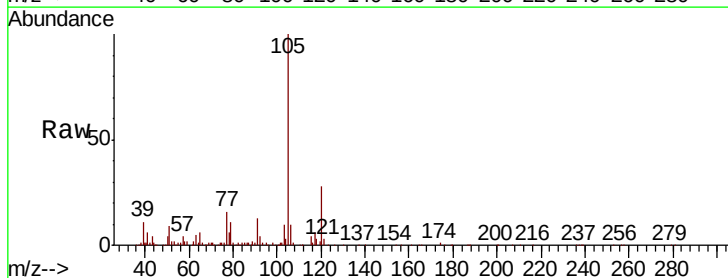
Instrument :
MSVOA_L
ClientSampled :

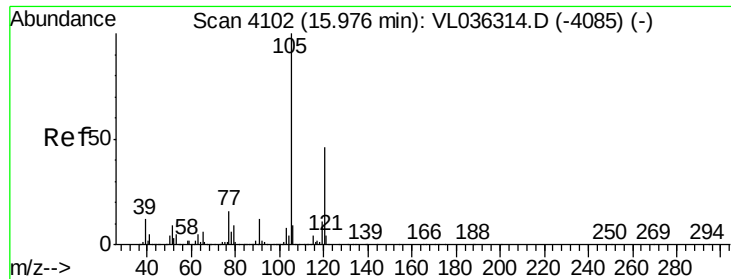
Tot Ion: 91 Resp: 18053
Ion Ratio Lower Upper
91 100
92 0.0 43.7 65.5#
134 242.2 17.4 26.0#



#72
4-Ethyltoluene
Concen: 0.647 ppbv
RT: 15.83 min Scan# 4056
Delta R.T. 0.01 min
Lab File: VL036382.D
Acq: 25 Feb 2021 15:39

Tgt Ion: 105 Resp: 278314
Ion Ratio Lower Upper
105 100
120 31.4 23.2 34.8
91 14.0 11.0 16.4
77 17.9 12.2 18.4

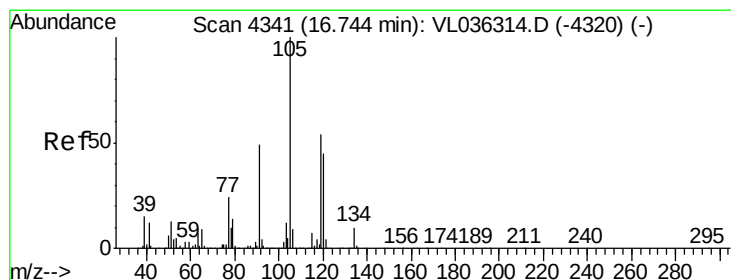
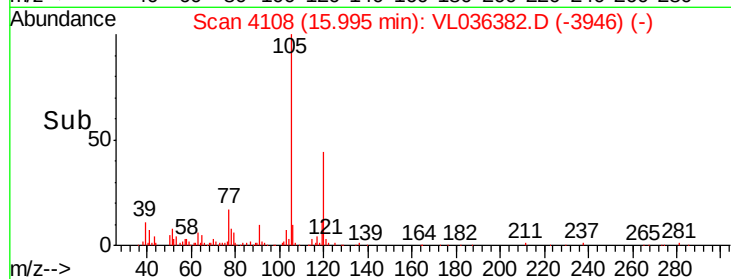
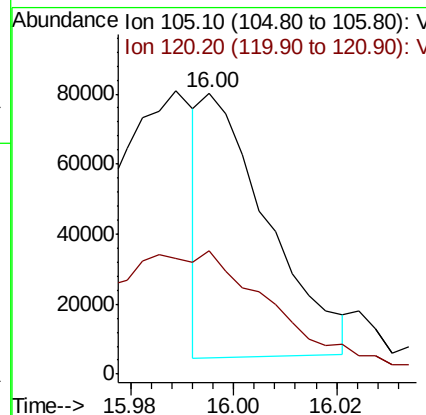
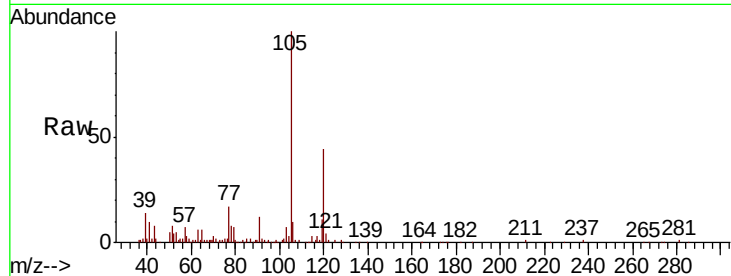




#73
 1,3,5-Trimethylbenzene
 Concen: 0.160 ppbv
 RT: 16.00 min Scan# 4108
 Delta R.T. 0.02 min
 Lab File: VL036382.D
 Acq: 25 Feb 2021 15:39

Instrument :
 MSVOA_L
 ClientSampled :

Tot Ion:105 Resp: 66567
 Ion Ratio Lower Upper
 105 100
 120 42.1 36.9 55.3



#74
 1,2,4-Trimethylbenzene
 Concen: 2.055 ppbv
 RT: 16.75 min Scan# 4344
 Delta R.T. 0.01 min
 Lab File: VL036382.D
 Acq: 25 Feb 2021 15:39

Tgt Ion:105 Resp: 875368
 Ion Ratio Lower Upper
 105 100
 120 43.3 35.8 53.6
 91 14.2 39.8 59.6#
 77 14.1 19.1 28.7#

